

Test Laboratory: Compliance Certification Services

Host # 1 (PCG-5312)_B mode

DUT: Airgo; Type: AGN1023PC; Serial: 0120

Phantom section: Flat Section

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 3.0 dB and with a peak SAR value greater than 0.3 W/kg
- 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: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

11b-1Mbps_L-ch/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.555 mW/g

11b-1Mbps_L-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = -0.3 dB

Peak SAR (extrapolated) = 0.840 W/kg

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.228 mW/g

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

Maximum value of SAR (measured) = 0.595 mW/g

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

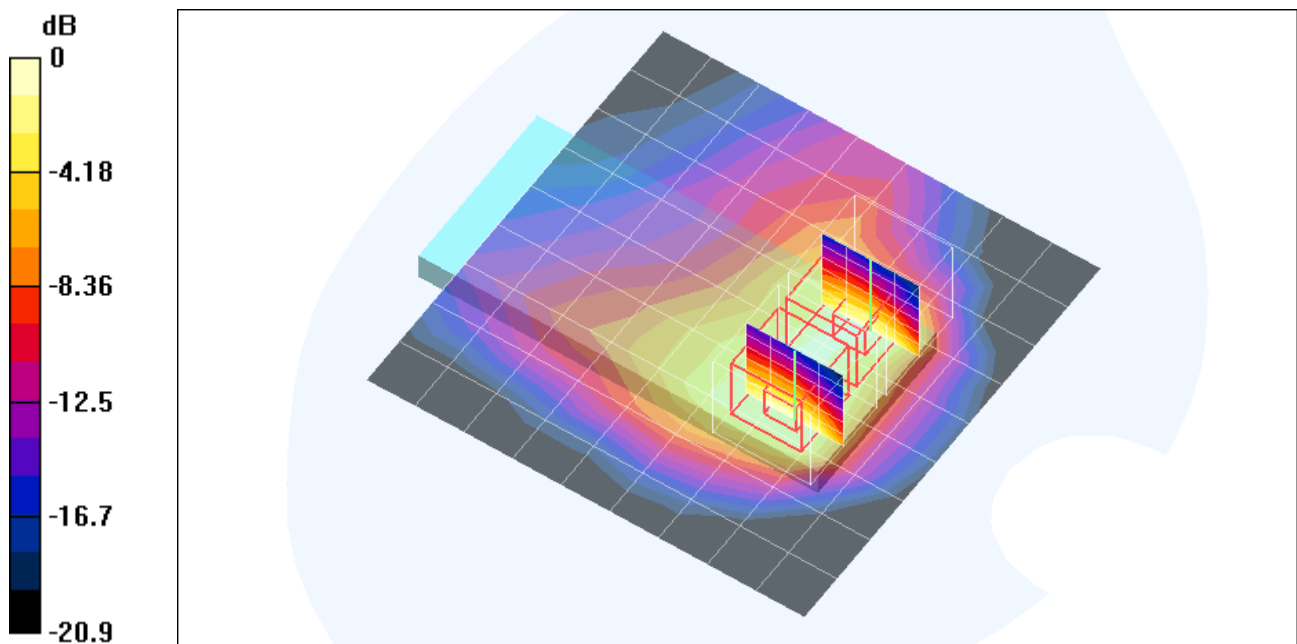
Reference Value = 11.8 V/m; Power Drift = -0.3 dB

Peak SAR (extrapolated) = 0.894 W/kg

SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.257 mW/g

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

Maximum value of SAR (measured) = 0.624 mW/g



0 dB = 0.624mW/g

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Host # 1 (PCG-5312)_B mode

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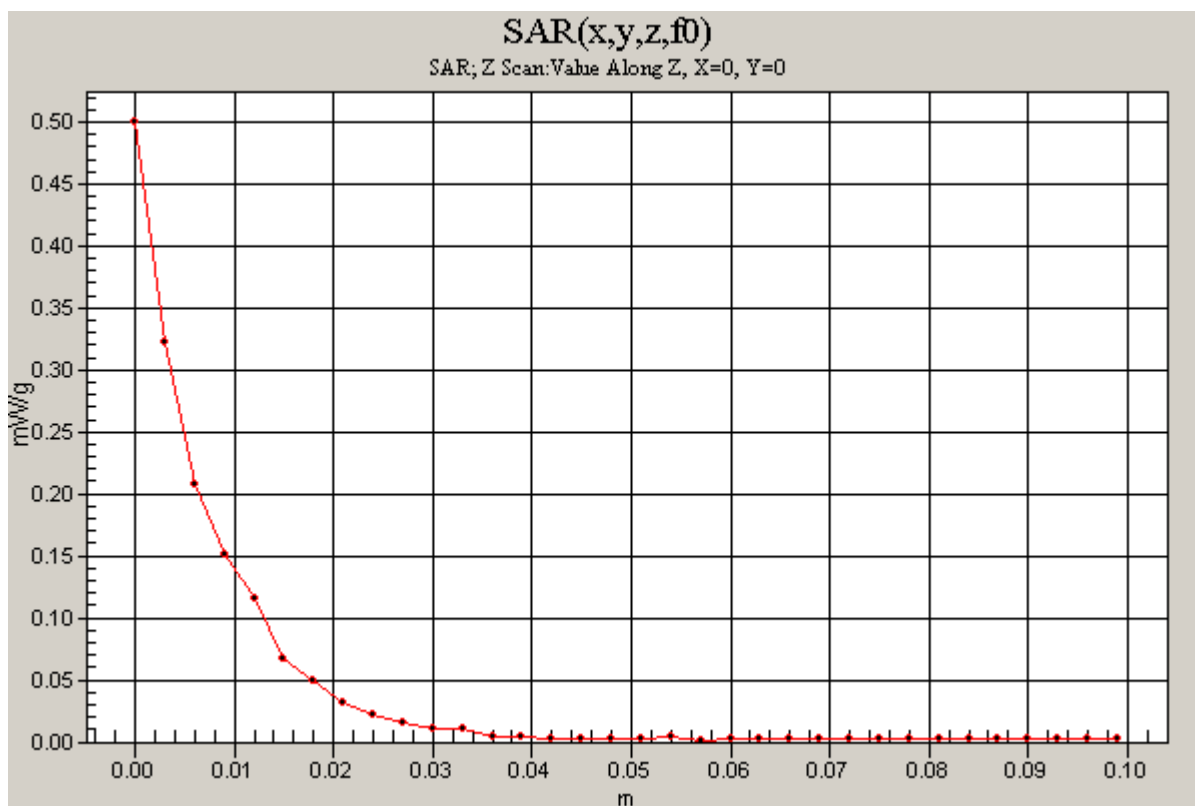
Phantom section: Flat Section

Measurement Standard: DASy4 (High Precision Assessment)

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

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

Maximum value of SAR (measured) = 0.500 mW/g



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Host # 1 (PCG-5312)_B mode

DUT: Airgo; Type: AGN1023PC; Serial: 0120

Phantom section: Flat Section

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 3.0 dB and with a peak SAR value greater than 0.3 W/kg
- 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: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

11b-1Mbps_M-ch/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.461 mW/g

11b-1Mbps_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.693 W/kg

SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.170 mW/g

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

Maximum value of SAR (measured) = 0.478 mW/g

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

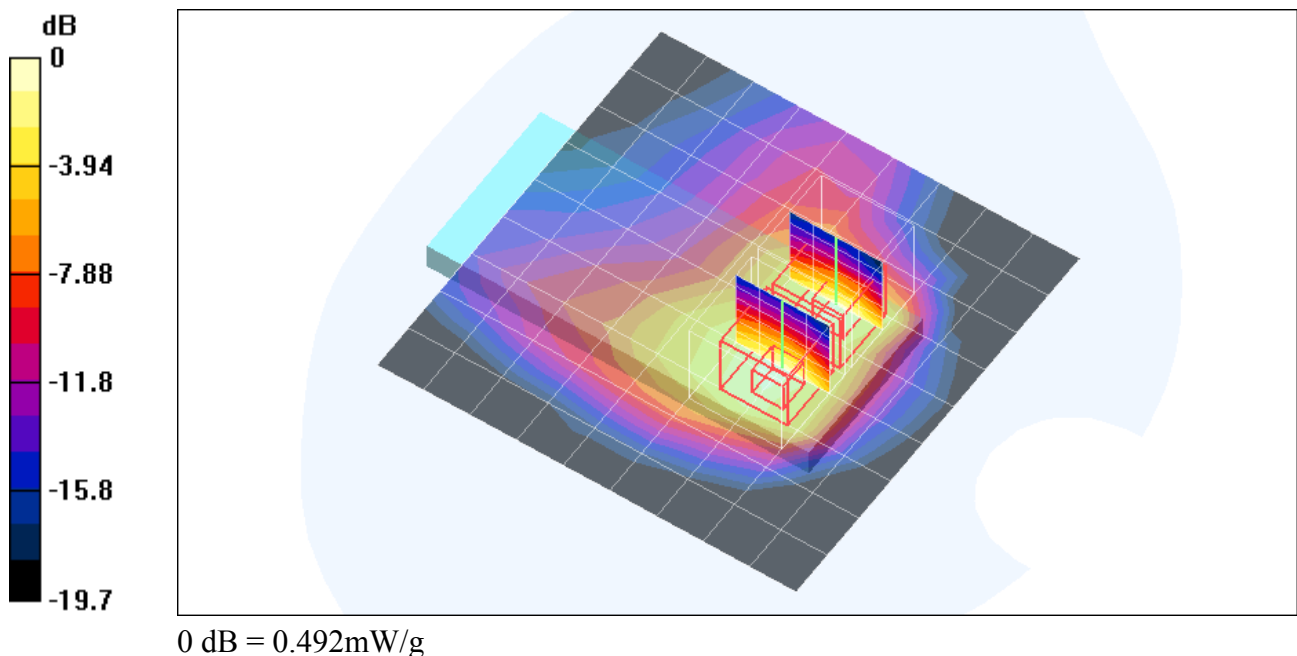
Reference Value = 10.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.697 W/kg

SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.197 mW/g

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

Maximum value of SAR (measured) = 0.492 mW/g



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Host # 1 (PCG-5312)_B mode

DUT: Airgo; Type: AGN1023PC; Serial: 0120

Phantom section: Flat Section

Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 3.0 dB and with a peak SAR value greater than 0.3 W/kg
- 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: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

11b-1Mbps_H-ch/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.543 mW/g

11b-1Mbps_H-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 0.905 W/kg

SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.202 mW/g

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

Maximum value of SAR (measured) = 0.551 mW/g

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

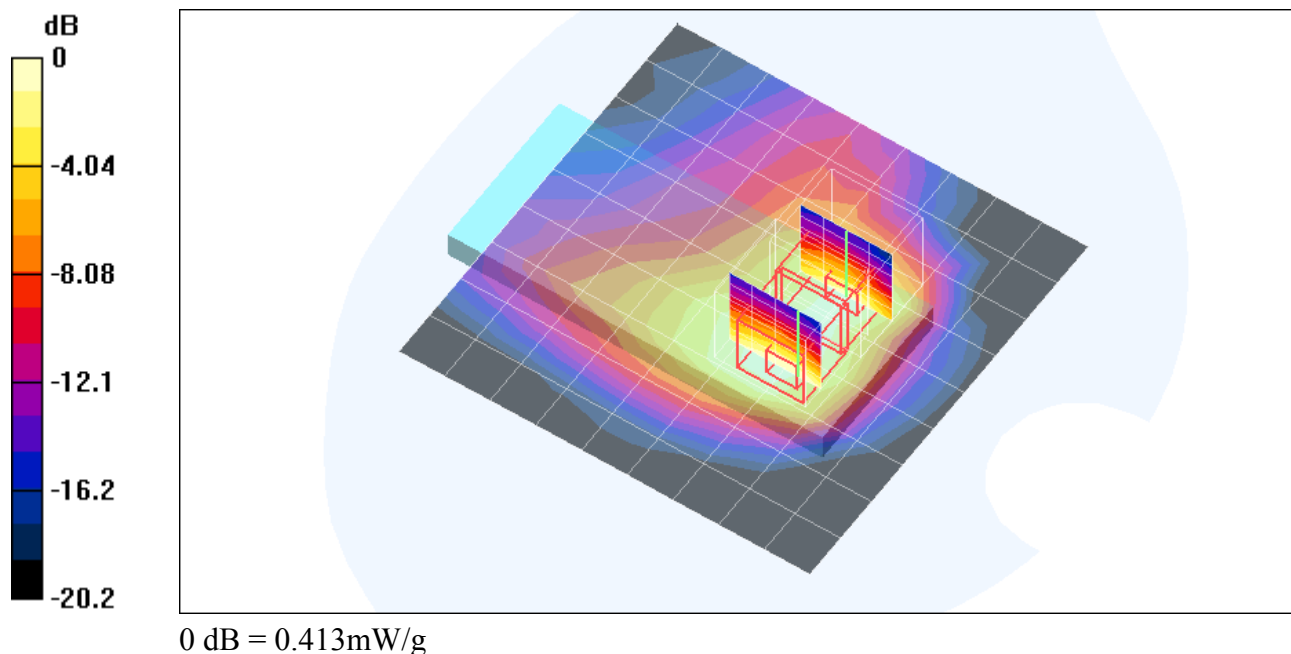
Reference Value = 10.4 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 0.629 W/kg

SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.162 mW/g

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

Maximum value of SAR (measured) = 0.413 mW/g



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Host # 1 (PCG-5312)_G mode

DUT: Airgo; Type: AGN1023PC; Serial: 0120

Phantom section: Flat Section

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 3.0 dB and with a peak SAR value greater than 0.3 W/kg
- 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: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

11g-6Mbps_L-ch/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.935 mW/g

11g-6Mbps_L-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.351 mW/g

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

Maximum value of SAR (measured) = 0.933 mW/g

11g-6Mbps_L-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

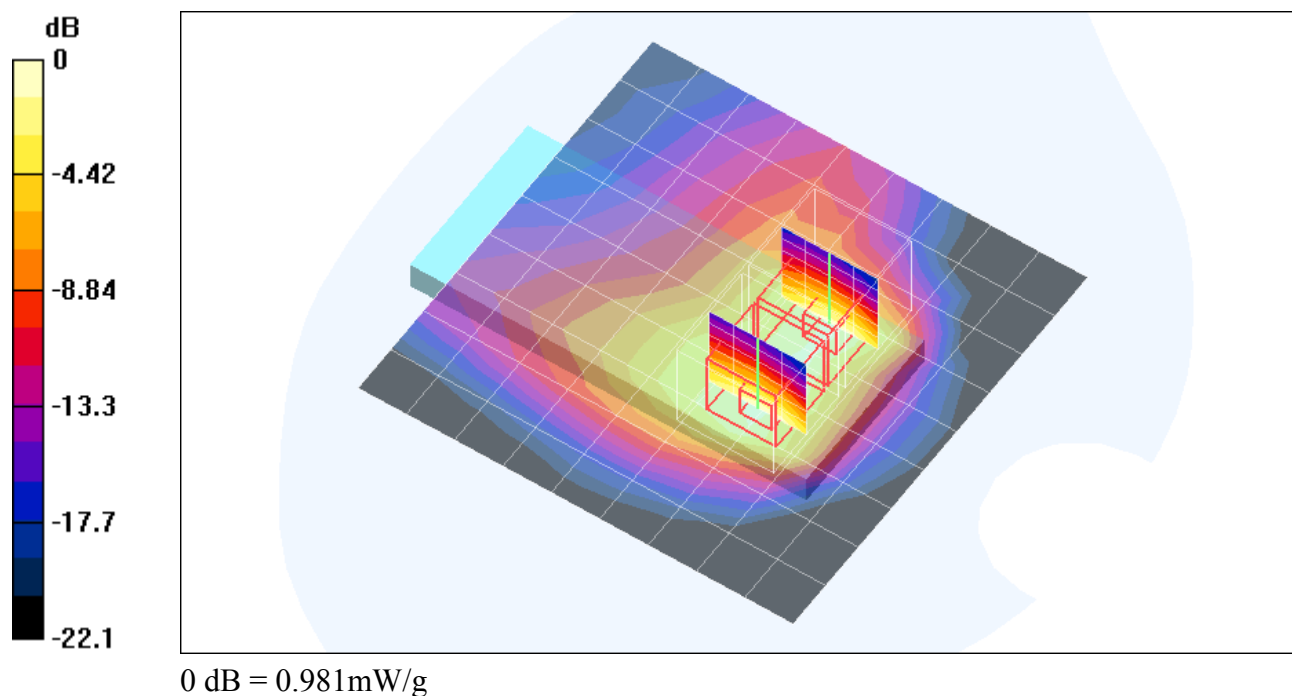
Reference Value = 15.2 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.386 mW/g

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

Maximum value of SAR (measured) = 0.981 mW/g



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DUT: Airgo; Type: AGN1023PC; Serial: 0120

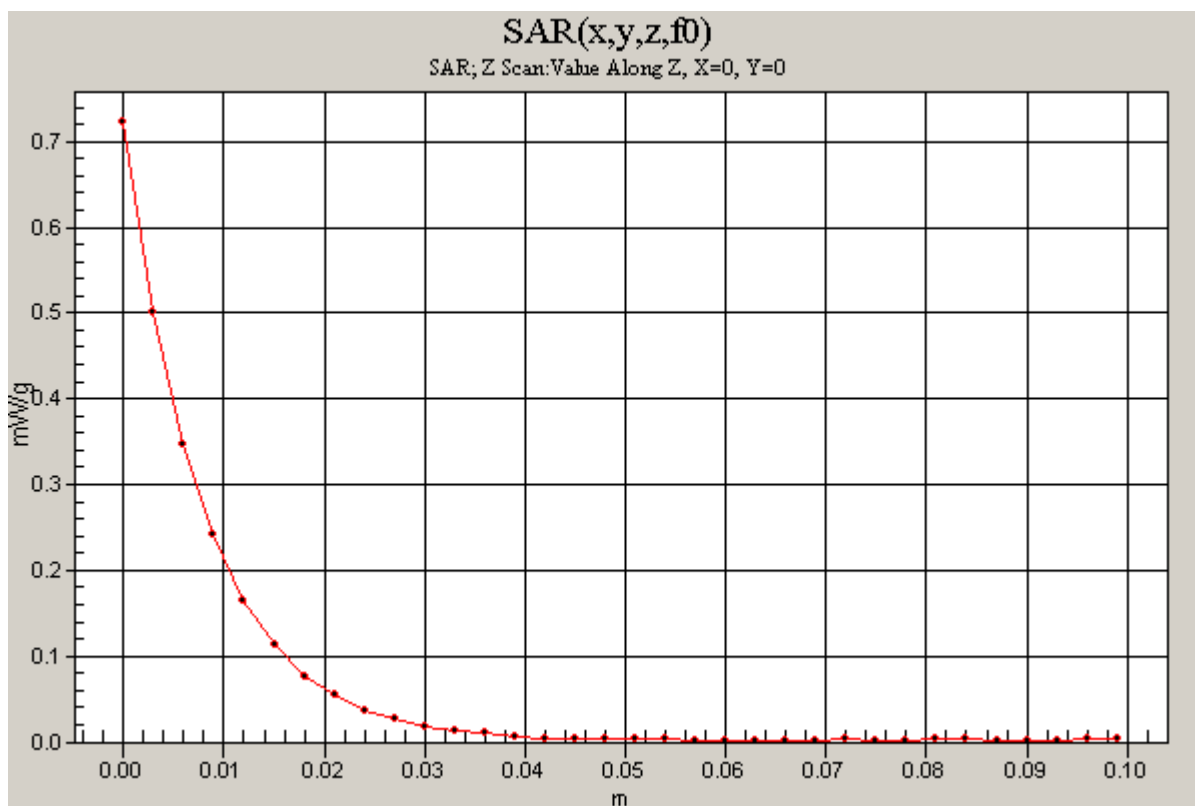
Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

11g-6Mbps_L-ch/Z Scan (1x1x34): Measurement grid: dx=20mm, dy=20mm, dz=3mm

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

Maximum value of SAR (measured) = 0.723 mW/g



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Host # 1 (PCG-5312)_G mode

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Phantom section: Flat Section

Frequency: 2437 MHz; Duty Cycle: 1:1

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Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 3.0 dB and with a peak SAR value greater than 0.3 W/kg
- 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: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

11g-6Mbps_M-ch/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.738 mW/g

11g-6Mbps_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.3 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.267 mW/g

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

Maximum value of SAR (measured) = 0.719 mW/g

11g-6Mbps_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

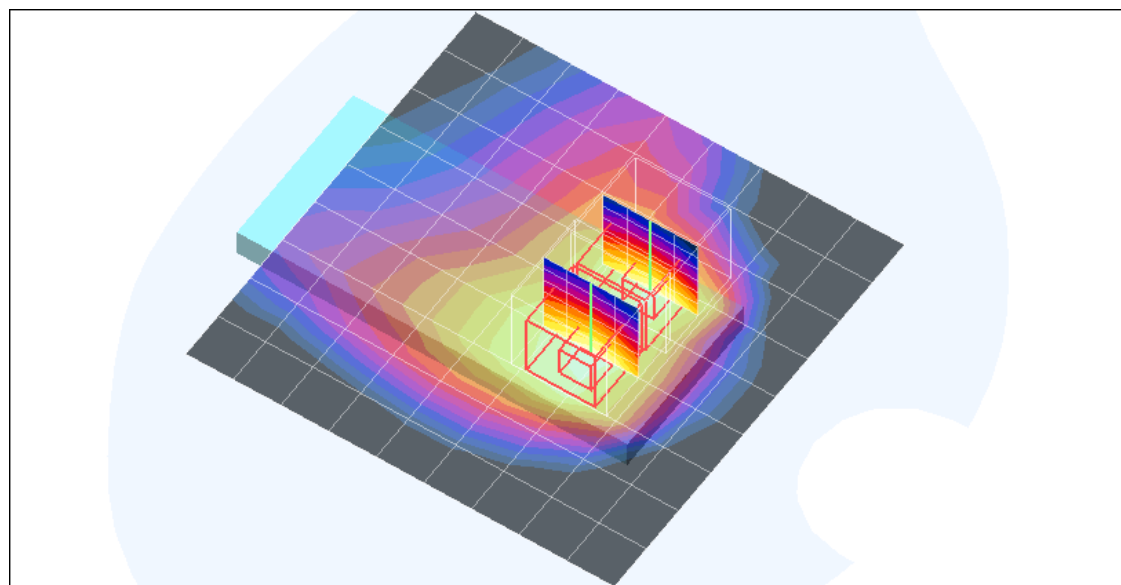
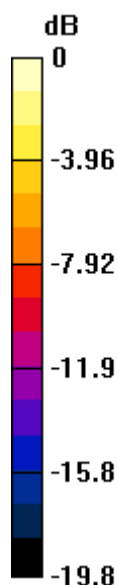
Reference Value = 13.3 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.298 mW/g

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

Maximum value of SAR (measured) = 0.753 mW/g



0 dB = 0.753mW/g

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Phantom section: Flat Section

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Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 3.0 dB and with a peak SAR value greater than 0.3 W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
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11g-6Mbps_H-ch/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.723 mW/g

11g-6Mbps_H-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.291 mW/g

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

Maximum value of SAR (measured) = 0.737 mW/g

11g-6Mbps_H-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

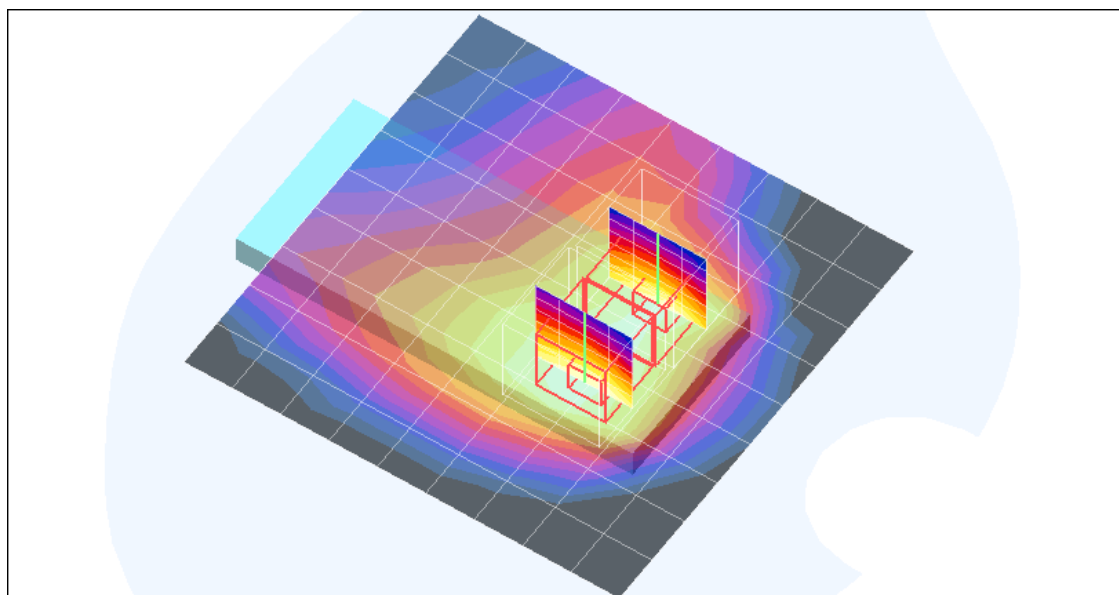
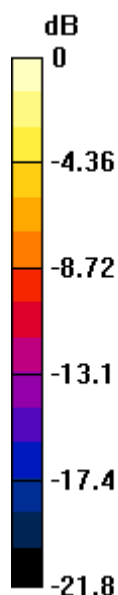
Reference Value = 12.3 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.240 mW/g

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

Maximum value of SAR (measured) = 0.632 mW/g



0 dB = 0.632mW/g