

Test Laboratory: Compliance Certification Services

PAD 3500

DUT: PAD 3500; Type: Portable Applicator Device; Serial: N/A

Communication System: RFID; Frequency: 915 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 915 \text{ MHz}$; $\sigma = 1.03 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(9.37, 9.37, 9.37); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

M ch with without Belt Clip/Area Scan (15x19x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.001 mW/g

M ch with without Belt Clip/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

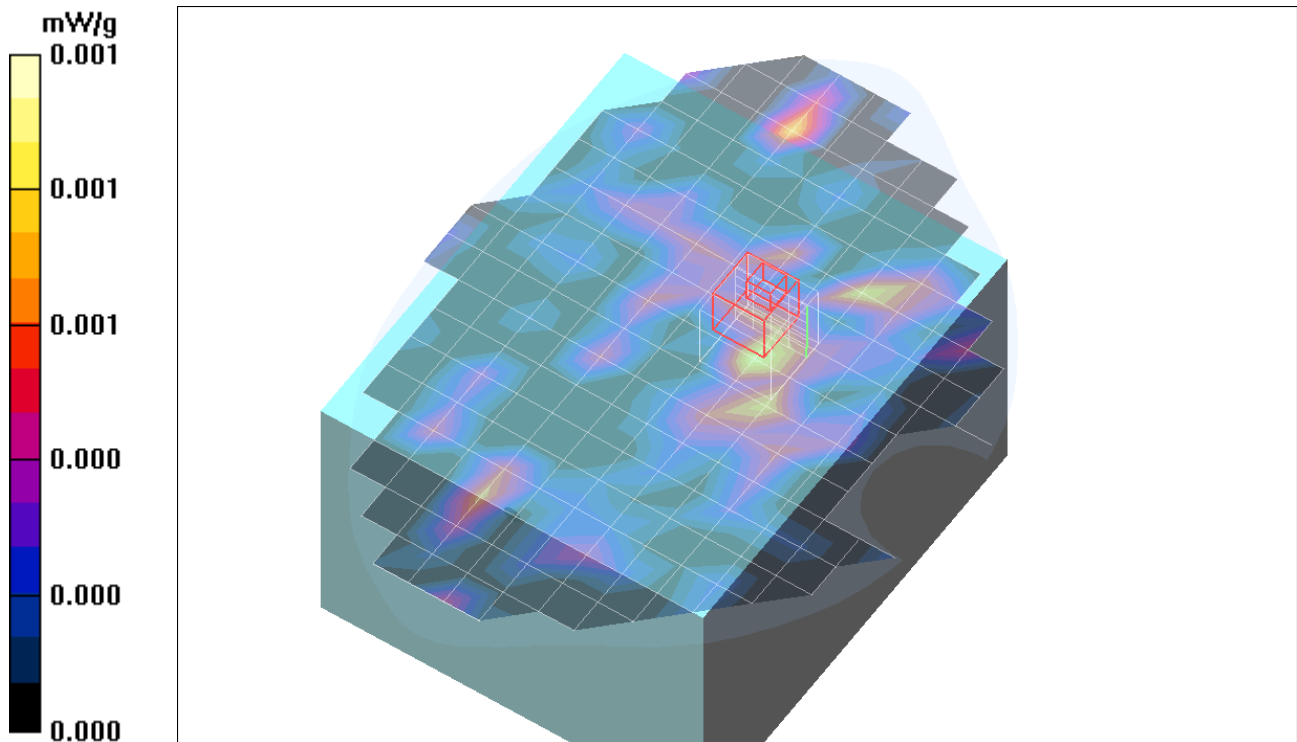
Reference Value = 0.346 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 0.011 W/kg

SAR(1 g) = 0.0092 mW/g; SAR(10 g) = 0.0087 mW/g

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

Maximum value of SAR (measured) = 0.010 mW/g



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Phantom section: Flat Section

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DASY4 Configuration:

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- Probe: EX3DV4 - SN3552; ConvF(9.37, 9.37, 9.37); Calibrated: 5/30/2006
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- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
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M ch with without Belt Clip with WLAN/Area Scan (15x19x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.127 mW/g

M ch with without Belt Clip with WLAN/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

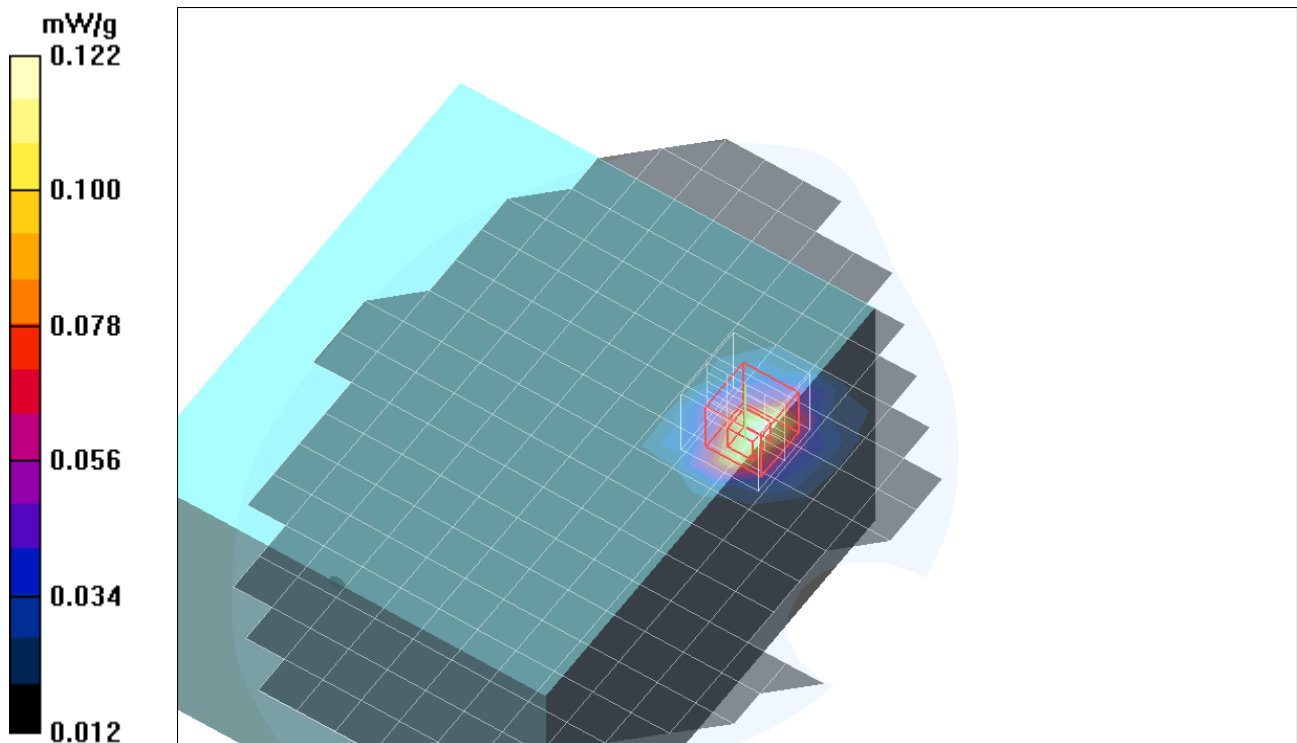
Reference Value = 3.90 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.057 mW/g

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Maximum value of SAR (measured) = 0.122 mW/g



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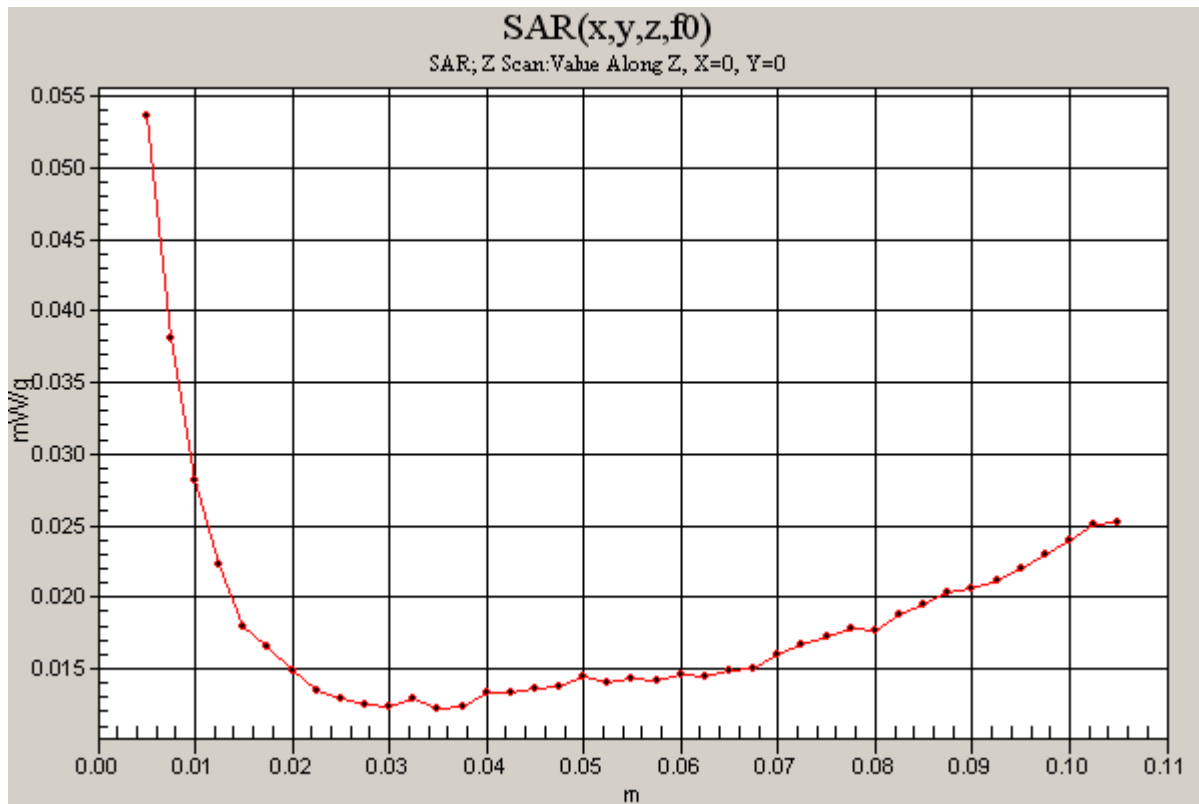
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Mesh with without Belt Clip with WLAN/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

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

Maximum value of SAR (measured) = 0.054 mW/g



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Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(9.37, 9.37, 9.37); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
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M ch with Belt Clip/Area Scan (15x19x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Maximum value of SAR (measured) = 0.003 mW/g

M ch with Belt Clip/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.13 V/m; Power Drift = 0.192 dB

Peak SAR (extrapolated) = 0.005 W/kg

SAR(1 g) = 0.00275 mW/g; SAR(10 g) = 0.00238 mW/g

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

Maximum value of SAR (measured) = 0.004 mW/g

