

Test Laboratory: UL CCS SAR Lab A

**SystemPerformanceCheck-D835V2 SN 4d117**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 835$  MHz;  $\sigma = 1.065$  mho/m;  $\epsilon_r = 54.871$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.78, 8.78, 8.78); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

**Body/Pin=100 mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.338 mW/g

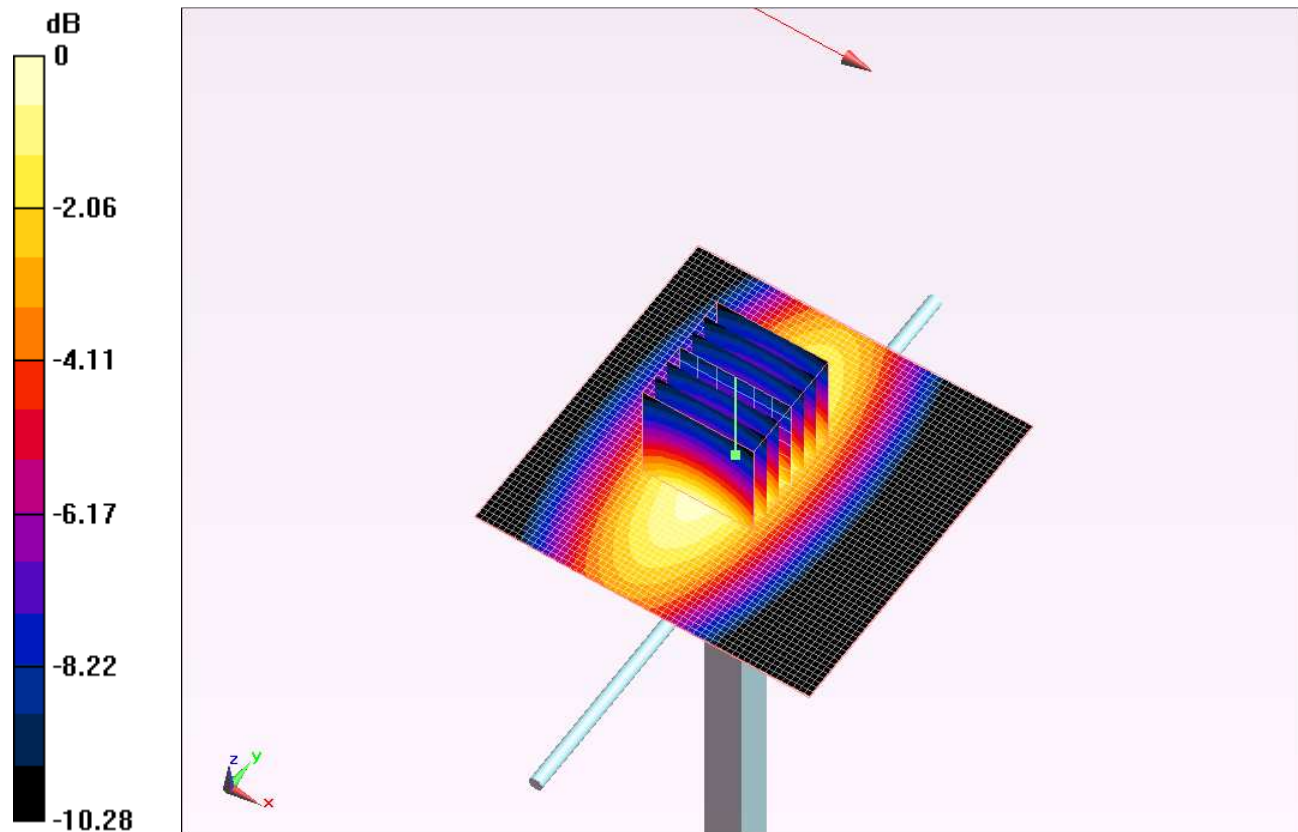
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 37.006 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.645 W/kg

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.721 mW/g**

Maximum value of SAR (measured) = 1.336 mW/g



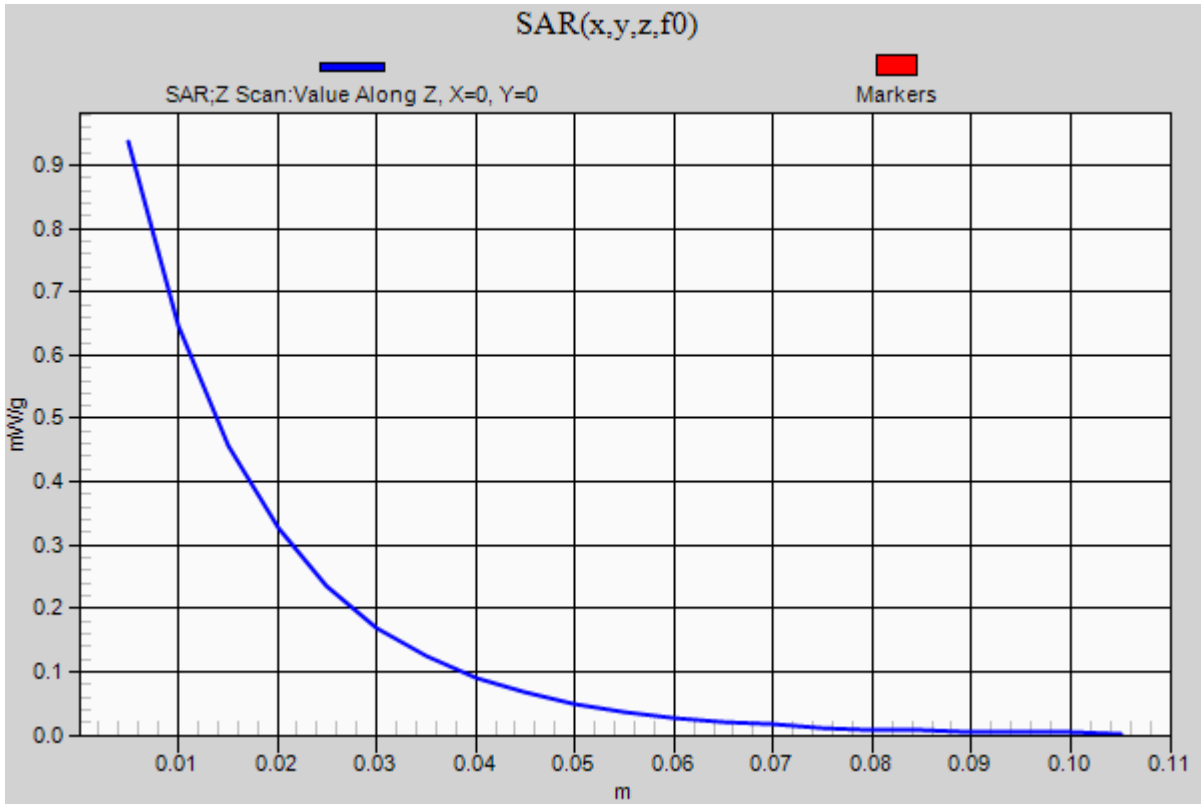
0 dB = 1.340mW/g

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### SystemPerformanceCheck-D835V2 SN 4d117

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.937 mW/g



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## SystemPerformanceCheck-D1900V2 SN 5d140

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.588$  mho/m;  $\epsilon_r = 52.411$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Body/Pin=100 mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 6.240 mW/g

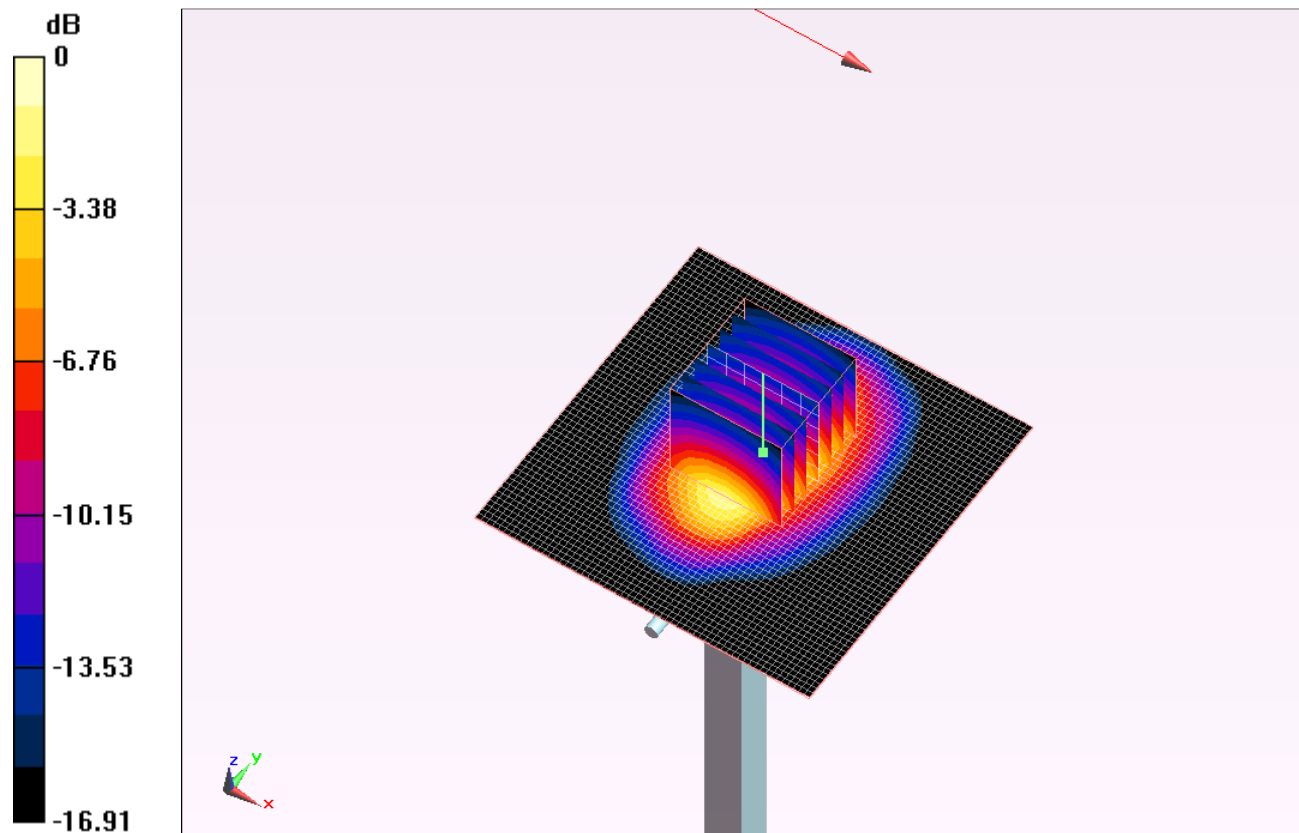
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 60.490 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 8.071 W/kg

**SAR(1 g) = 4.45 mW/g; SAR(10 g) = 2.33 mW/g**

Maximum value of SAR (measured) = 6.003 mW/g



0 dB = 6.000mW/g

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### SystemPerformanceCheck-D1900V2 SN 5d140

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 3.431 mW/g

