

20140609-SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 835$ MHz; $\sigma = 1.017$ S/m; $\epsilon_r = 52.918$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(10.36, 10.36, 10.36); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI B v4.0; Type: QDOVA002AA; Serial: 1196

Body/Pin=100 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 28.296 V/m; Power Drift = -0.07 dB

Fast SAR: SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.686 W/kg

Maximum value of SAR (interpolated) = 1.21 W/kg

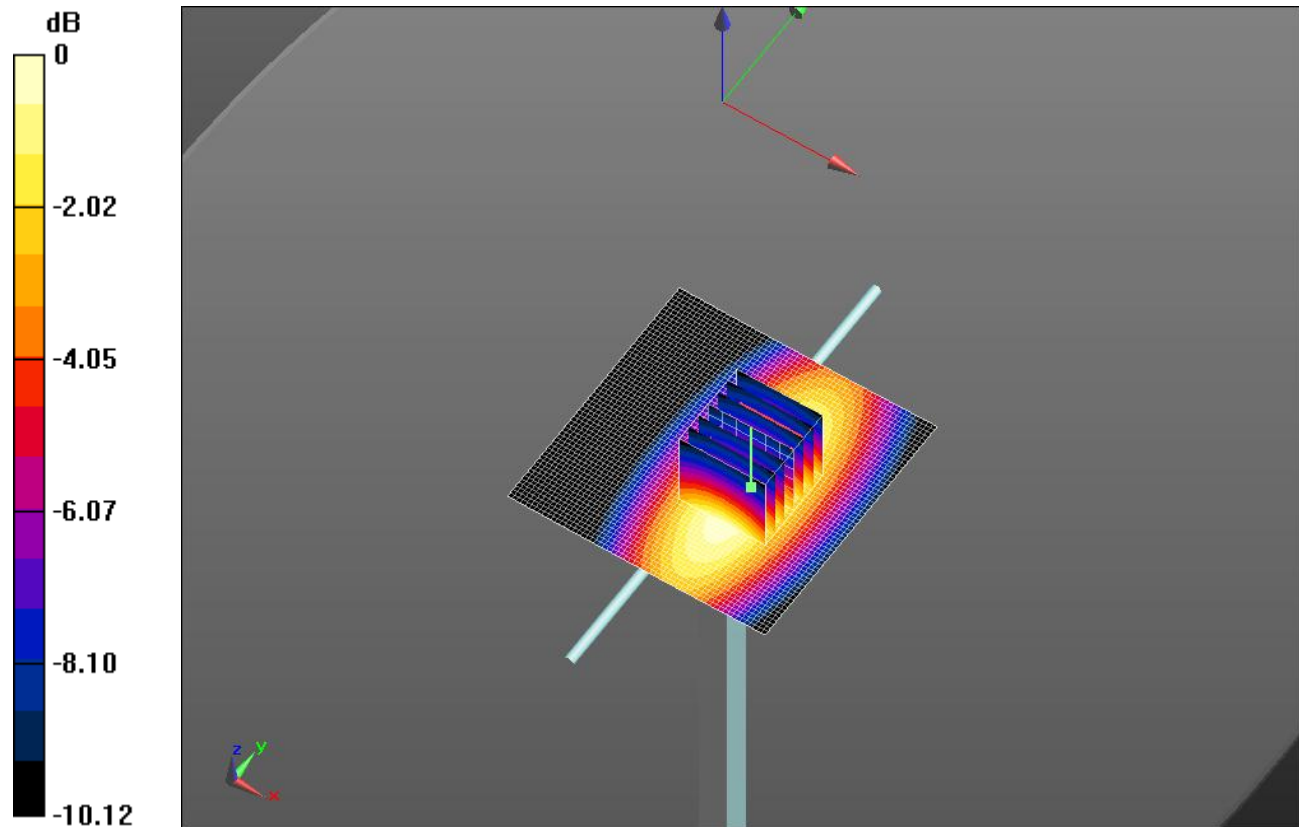
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.296 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 1.000 W/kg; SAR(10 g) = 0.662 W/kg

Maximum value of SAR (measured) = 1.21 W/kg

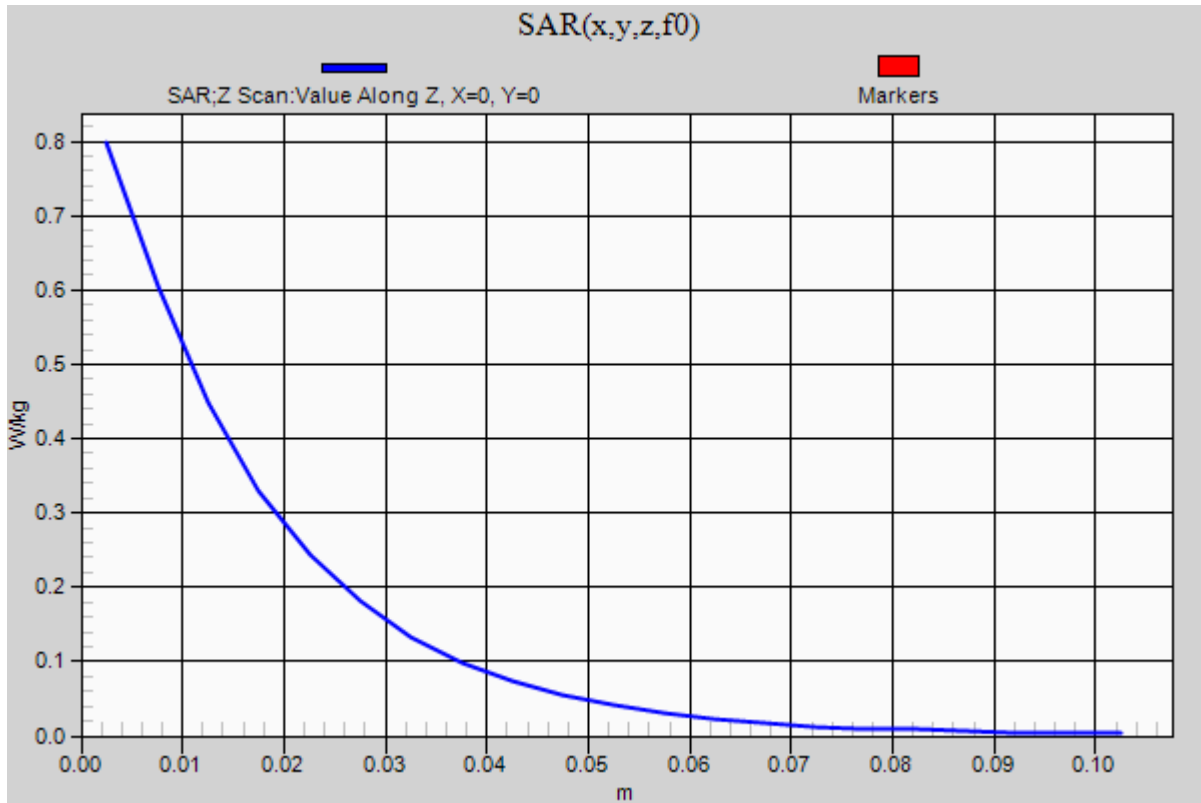


0 dB = 1.21 W/kg = 0.83 dBW/kg

20140609-SystemPerformanceCheck-D835V2 SN 4d002

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) = 0.798 W/kg



20140616_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.4$ S/m; $\epsilon_r = 38.579$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1377; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3773; ConvF(7.26, 7.26, 7.26); Calibrated: 4/22/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

Head/Pin=100 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 47.377 V/m; Power Drift = -0.00 dB

Fast SAR: SAR(1 g) = 4.03 W/kg; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (interpolated) = 5.33 W/kg

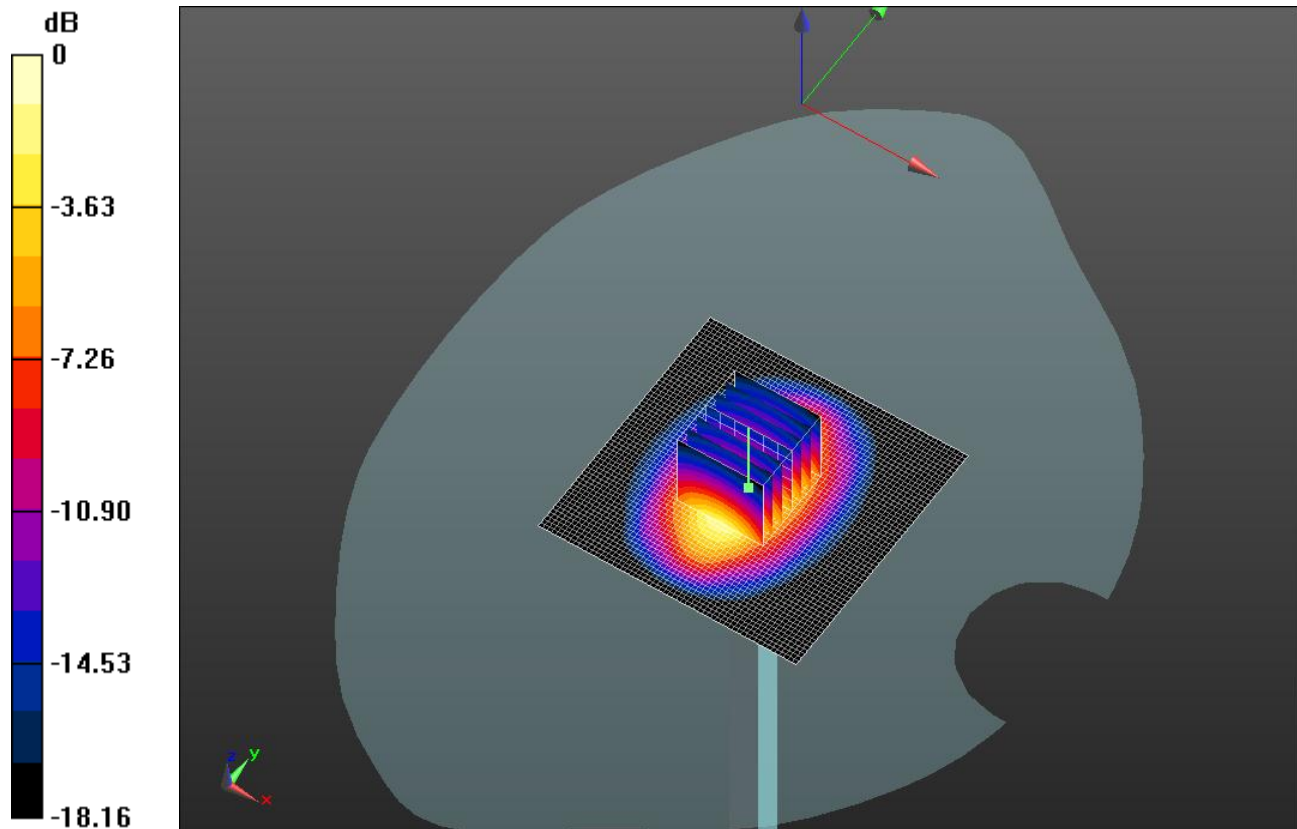
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.377 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 7.43 W/kg

SAR(1 g) = 3.9 W/kg; SAR(10 g) = 1.99 W/kg

Maximum value of SAR (measured) = 5.34 W/kg



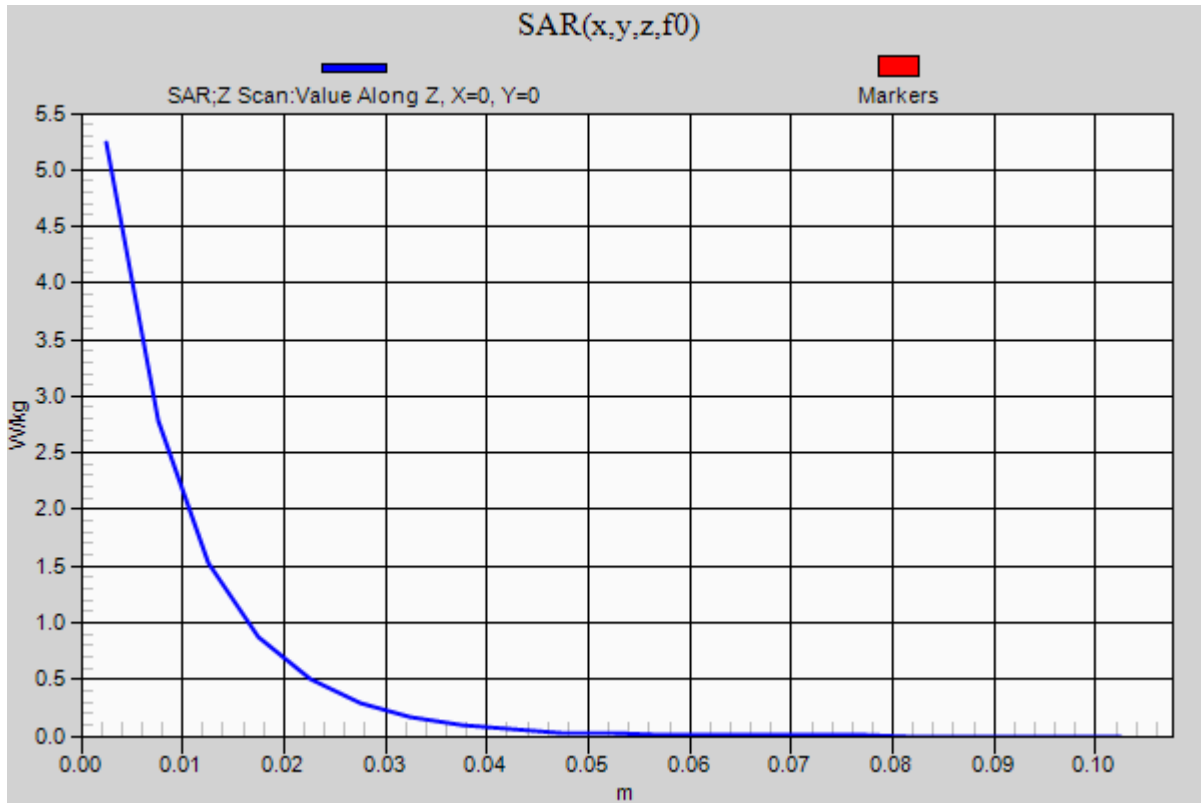
0 dB = 5.34 W/kg = 7.28 dBW/kg

20140616_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1900 MHz; Duty Cycle: 1:1

Head/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 5.24 W/kg



20140607_SystemPerformanceCheck-D2450V2 SN 899

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.818$ S/m; $\epsilon_r = 40.815$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1439; Calibrated: 5/14/2014
- Probe: EX3DV4 - SN3991; ConvF(7.45, 7.45, 7.45); Calibrated: 5/16/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:xxxx

Head/Pin=100 mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 60.28 V/m; Power Drift = 0.08 dB

Fast SAR: SAR(1 g) = 4.84 W/kg; SAR(10 g) = 2.13 W/kg

Maximum value of SAR (interpolated) = 7.06 W/kg

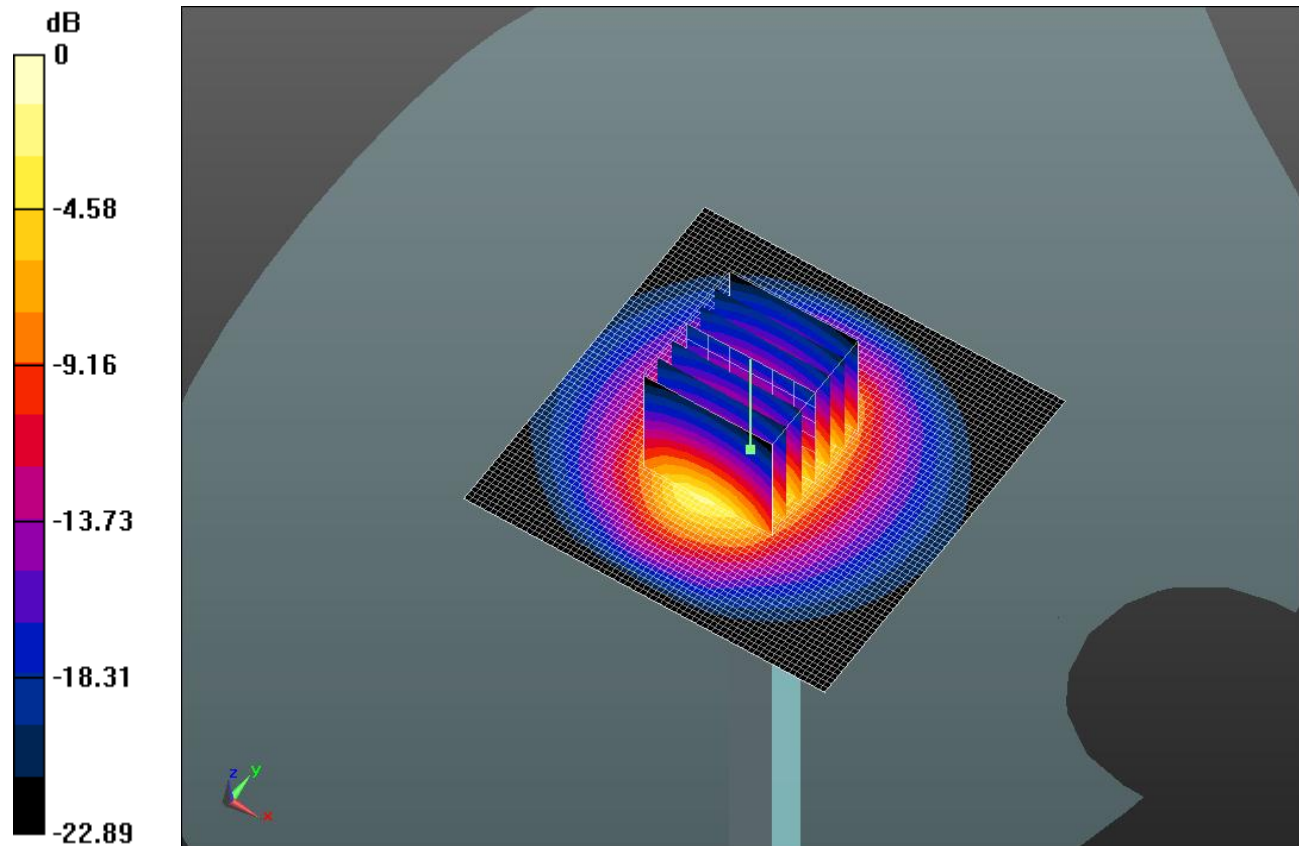
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 60.28 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 10.2 W/kg

SAR(1 g) = 4.77 W/kg; SAR(10 g) = 2.18 W/kg

Maximum value of SAR (measured) = 6.86 W/kg



0 dB = 6.86 W/kg = 8.36 dBW/kg

20140607_SystemPerformanceCheck-D2450V2 SN 899

Frequency: 2450 MHz; Duty Cycle: 1:1

Head/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 6.52 W/kg

