

20140317_SystemPerformanceCheck-D835V2 SN 4d142

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

Medium parameters used: $f = 835$ MHz; $\sigma = 1.007$ S/m; $\epsilon_r = 55.041$; $\rho = 1000$ 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: EX3DV4 - SN3773; ConvF(8.78, 8.78, 8.78); Calibrated: 4/26/2013;
- 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 = 29.177 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 0.976 W/kg; SAR(10 g) = 0.656 W/kg

Maximum value of SAR (interpolated) = 1.16 W/kg

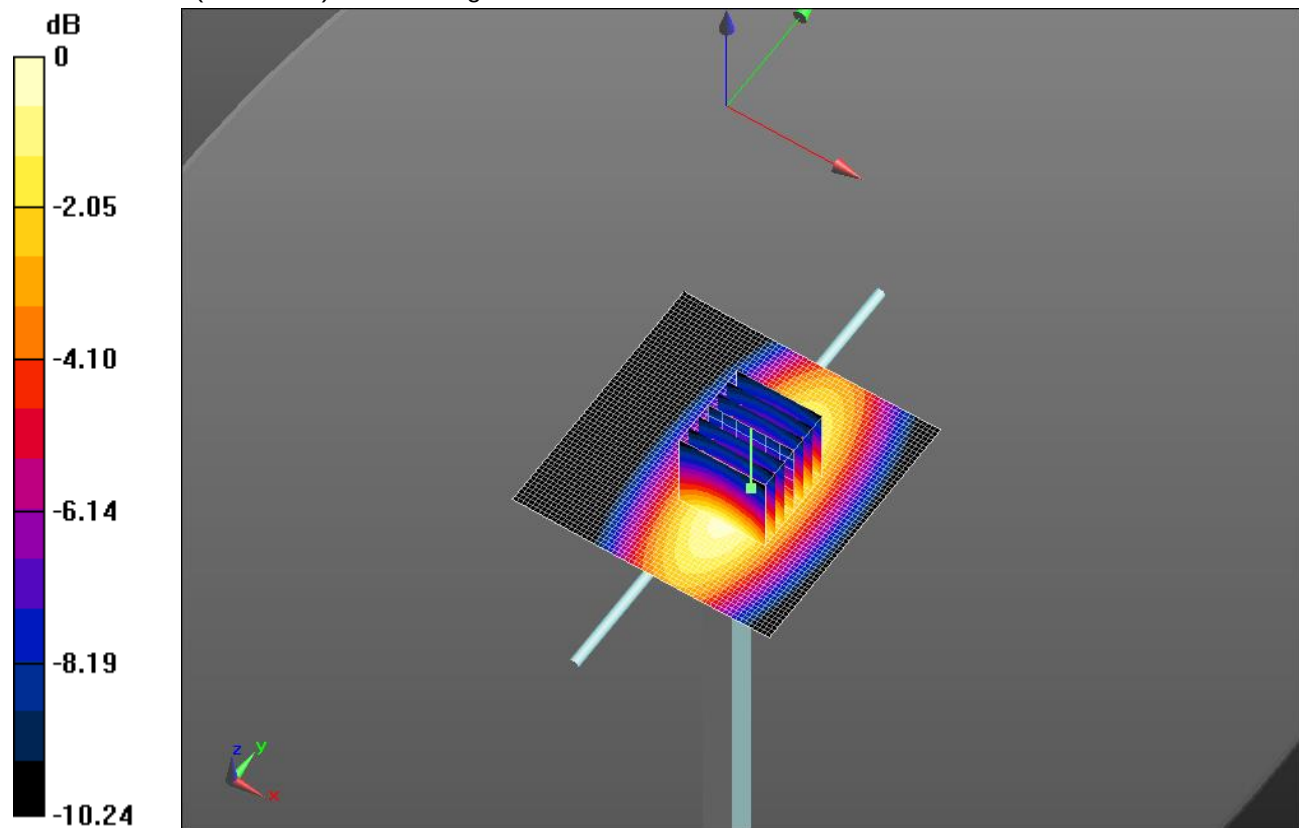
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.177 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.642 W/kg

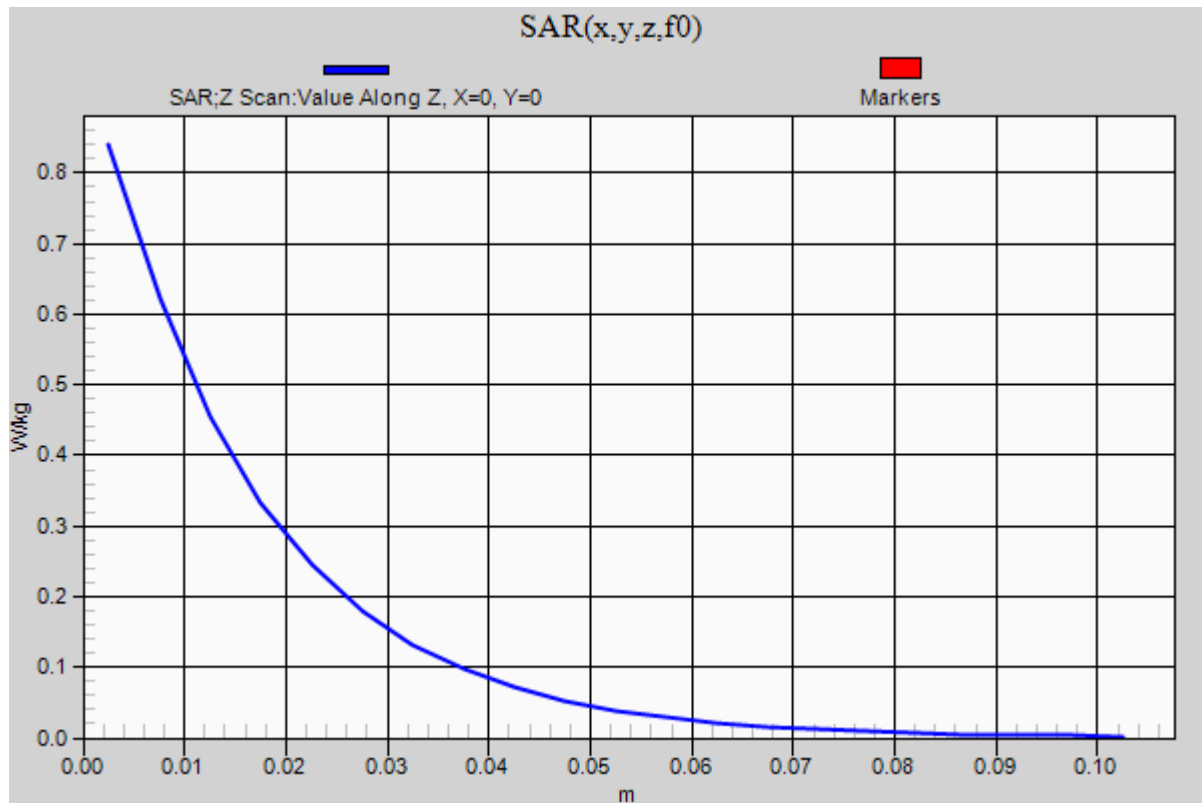
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

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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) = 0.840 W/kg

20140331_SystemPerformanceCheck-D835V2 SN 4d142

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.899 \text{ S/m}$; $\epsilon_r = 42.291$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3902; ConvF(9.79, 9.79, 9.79); Calibrated: 7/12/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1768

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

Reference Value = 36.281 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 1 W/kg; SAR(10 g) = 0.676 W/kg

Maximum value of SAR (interpolated) = 1.19 W/kg

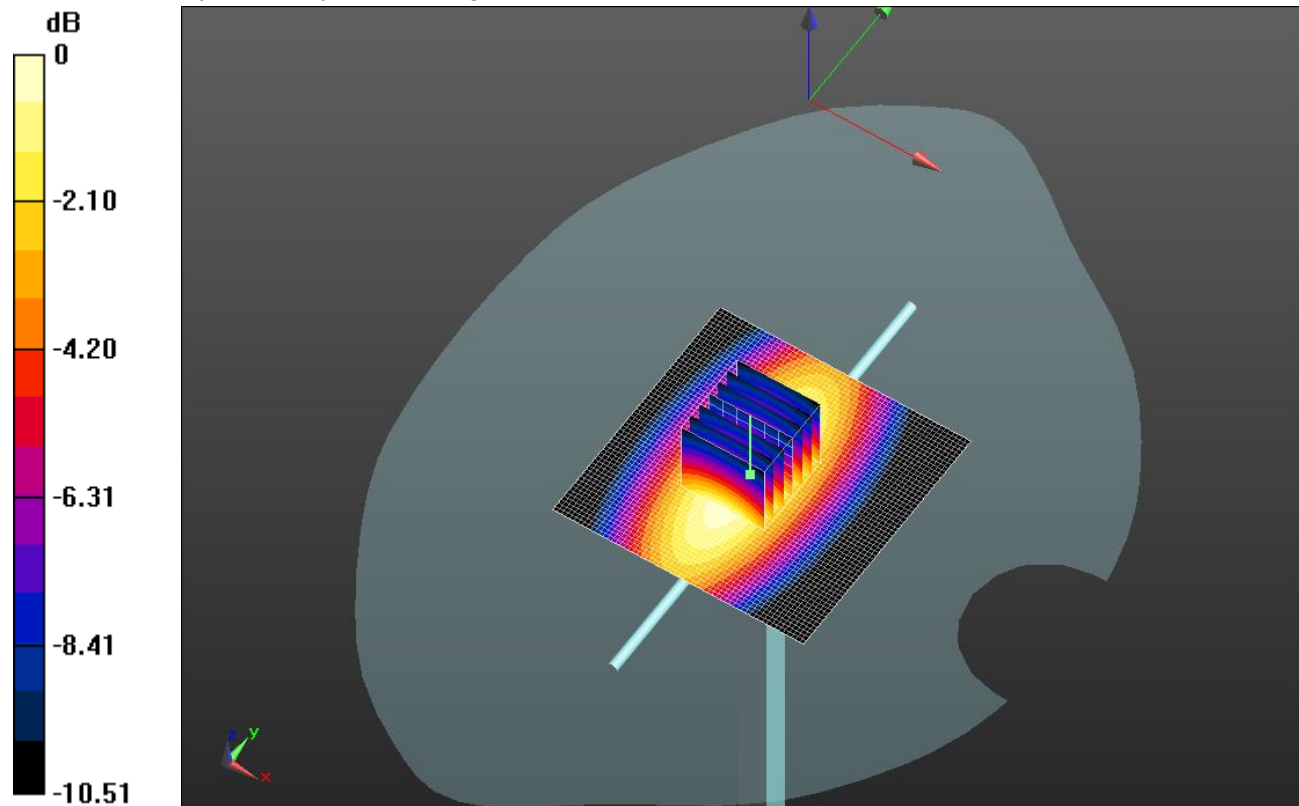
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 36.281 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.980 W/kg; SAR(10 g) = 0.643 W/kg

Maximum value of SAR (measured) = 1.19 W/kg

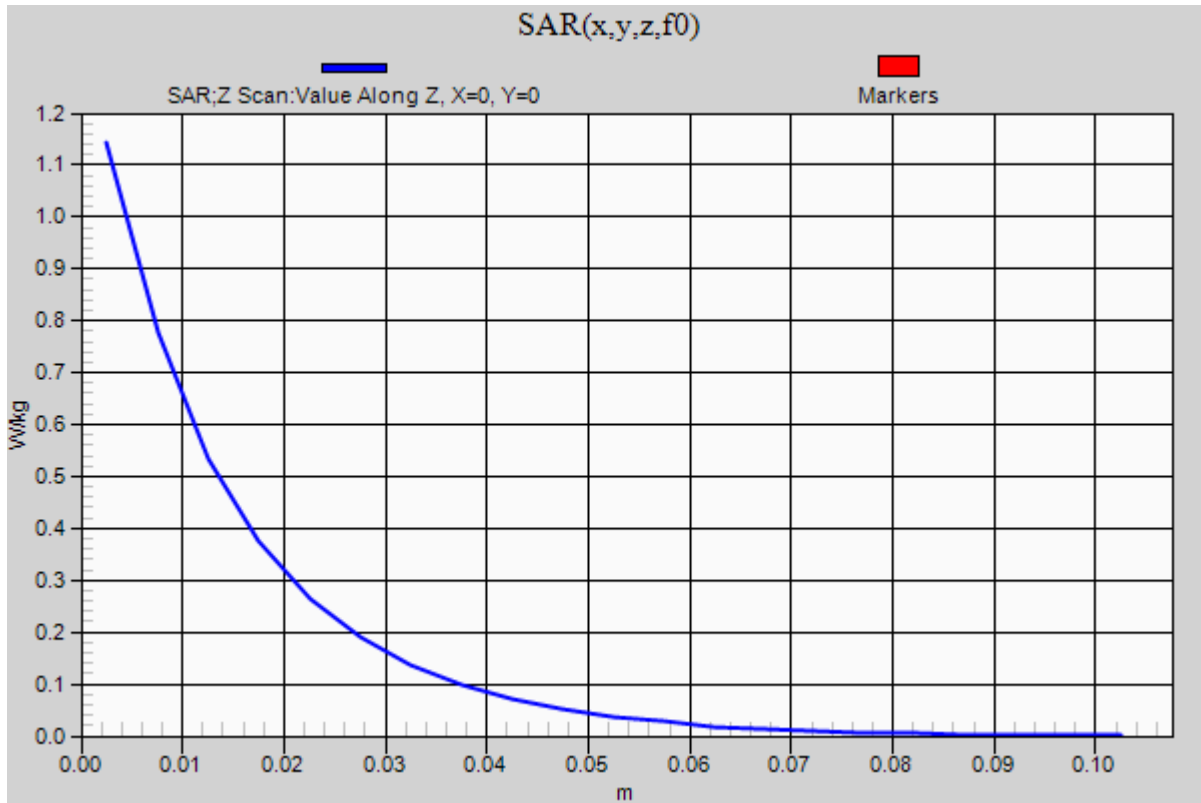


20140331_SystemPerformanceCheck-D835V2 SN 4d142

Frequency: 835 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) = 1.14 W/kg



CDMA BC0

Frequency: 848.31 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 42.194$; $\rho = 1000$ 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
- Electronics: DAE4 Sn1377; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3902; ConvF(9.79, 9.79, 9.79); Calibrated: 7/12/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1768

Flat Phantom/Flat Phantom ant 24mm_1xRTT_RC3_SO55_ch 777/Area Scan (8x16x1):

Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.571 W/kg

Flat Phantom/Flat Phantom ant 24mm_1xRTT_RC3_SO55_ch 777/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

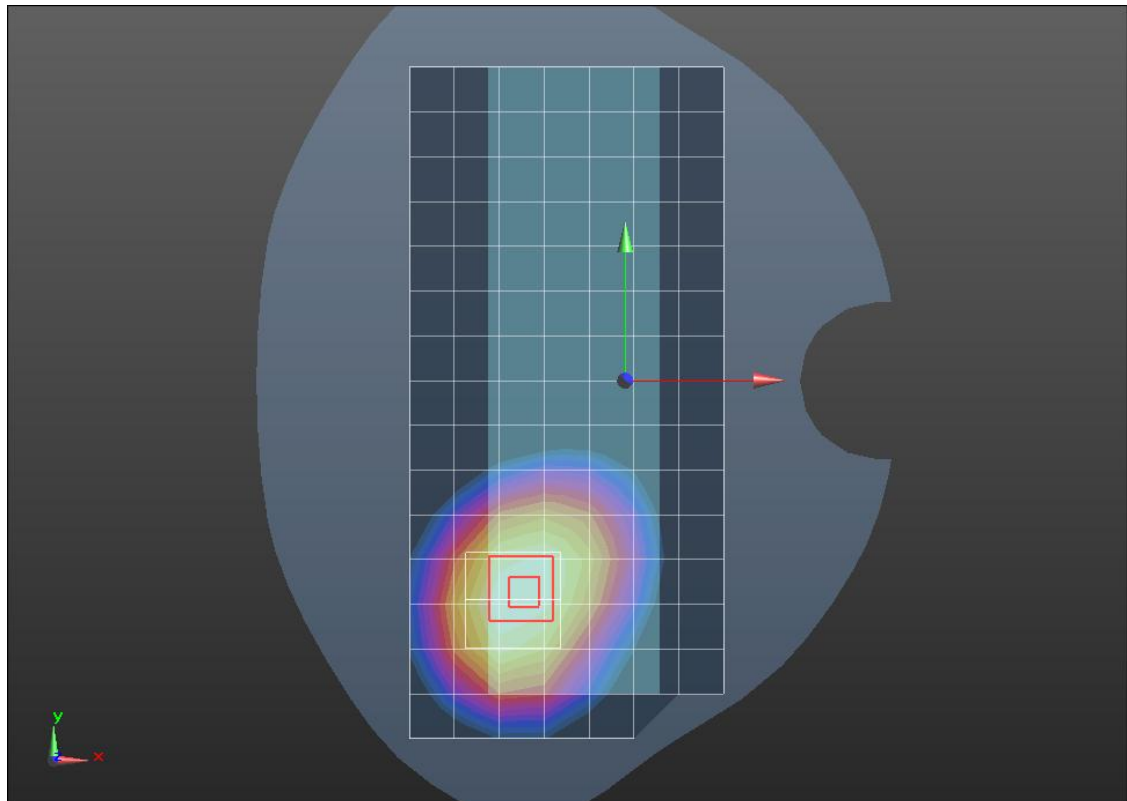
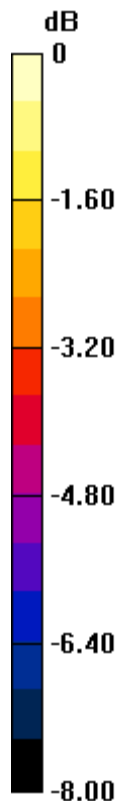
Reference Value = 25.139 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.332 W/kg

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

Maximum value of SAR (measured) = 0.566 W/kg



0 dB = 0.566 W/kg = -2.47 dBW/kg

CDMA BC0

Frequency: 848.31 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1.022$ S/m; $\epsilon_r = 54.899$; $\rho = 1000$ 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
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV4 - SN3773; ConvF(8.78, 8.78, 8.78); Calibrated: 4/26/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI B v4.0; Type: QDOVA002AA; Serial: 1196

Rear/1xRTT_RC3_SO32_Ch 777/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.684 W/kg

Rear/1xRTT_RC3_SO32_Ch 777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.616 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.840 W/kg

SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.424 W/kg

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

Maximum value of SAR (measured) = 0.716 W/kg

