

20130820_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; $\sigma = 1.973$ mho/m; $\epsilon_r = 50.707$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(6.76, 6.76, 6.76); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA002AA; Serial: TP:xxxx

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

Reference Value = 58.196 V/m; Power Drift = -0.06 dB

Fast SAR: SAR(1 g) = 5.11 mW/g; SAR(10 g) = 2.19 mW/g

Maximum value of SAR (interpolated) = 7.50 W/kg

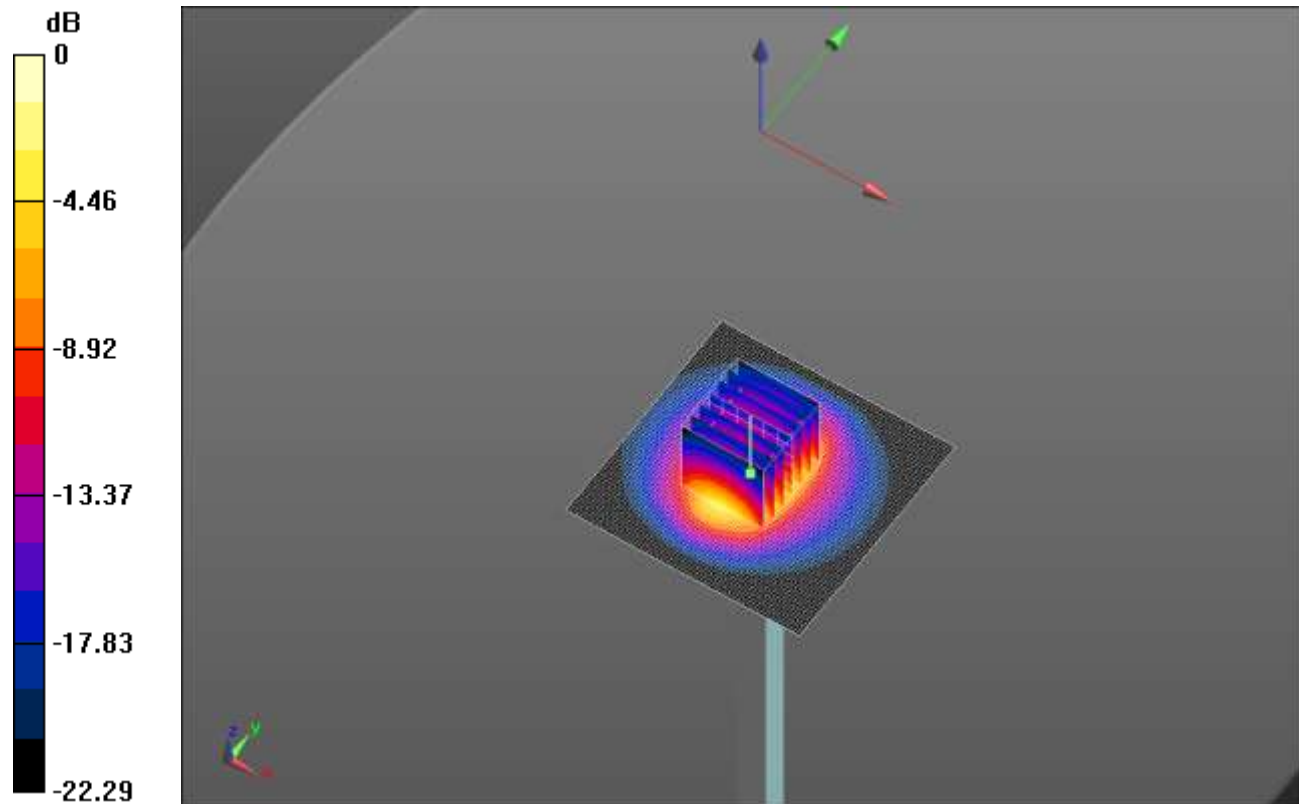
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 58.196 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 10.813 mW/g

SAR(1 g) = 5.22 mW/g; SAR(10 g) = 2.41 mW/g

Maximum value of SAR (measured) = 7.45 W/kg

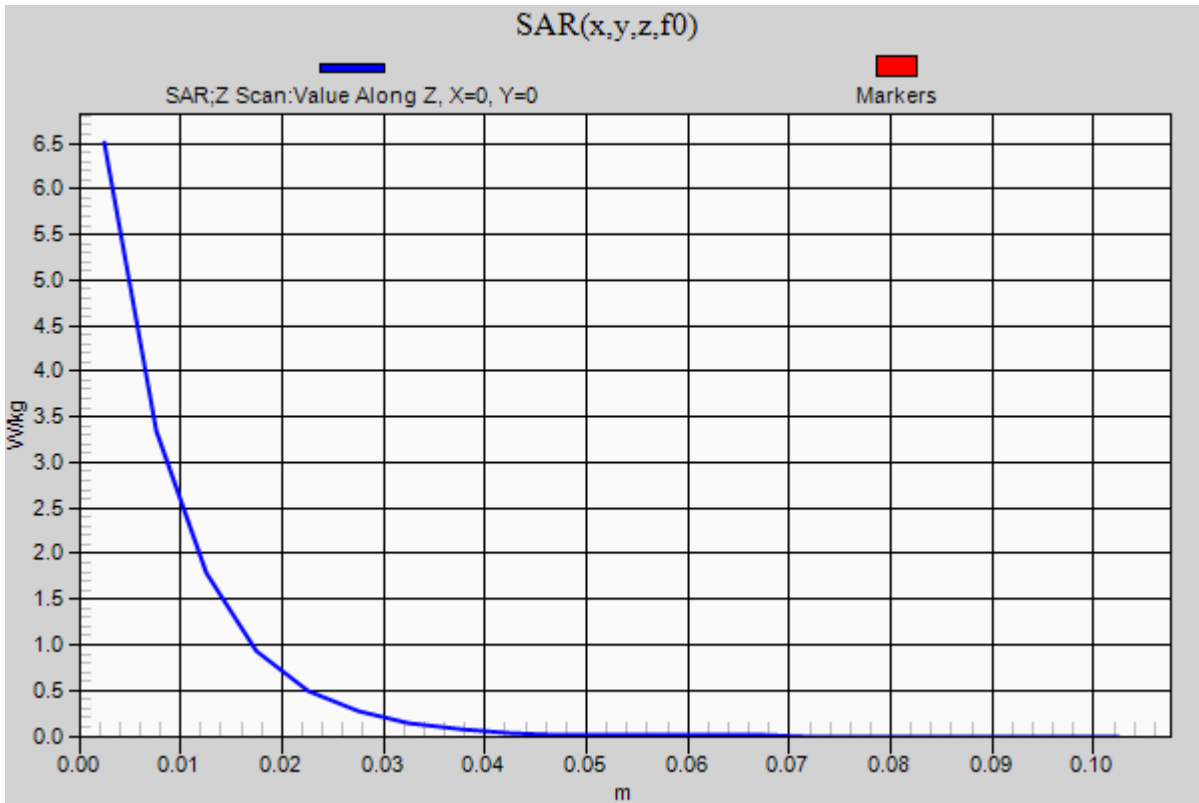


0 dB = 7.45 W/kg = 17.44 dB W/kg

20130820_SystemPerformanceCheck-D2450V2 SN 899

Frequency: 2450 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) = 6.51 W/kg



20130822_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; $\sigma = 1.921$ mho/m; $\epsilon_r = 50.672$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(6.76, 6.76, 6.76); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA002AA; Serial: TP:xxxx

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

Reference Value = 61.838 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 5.16 mW/g; SAR(10 g) = 2.22 mW/g

Maximum value of SAR (interpolated) = 7.55 W/kg

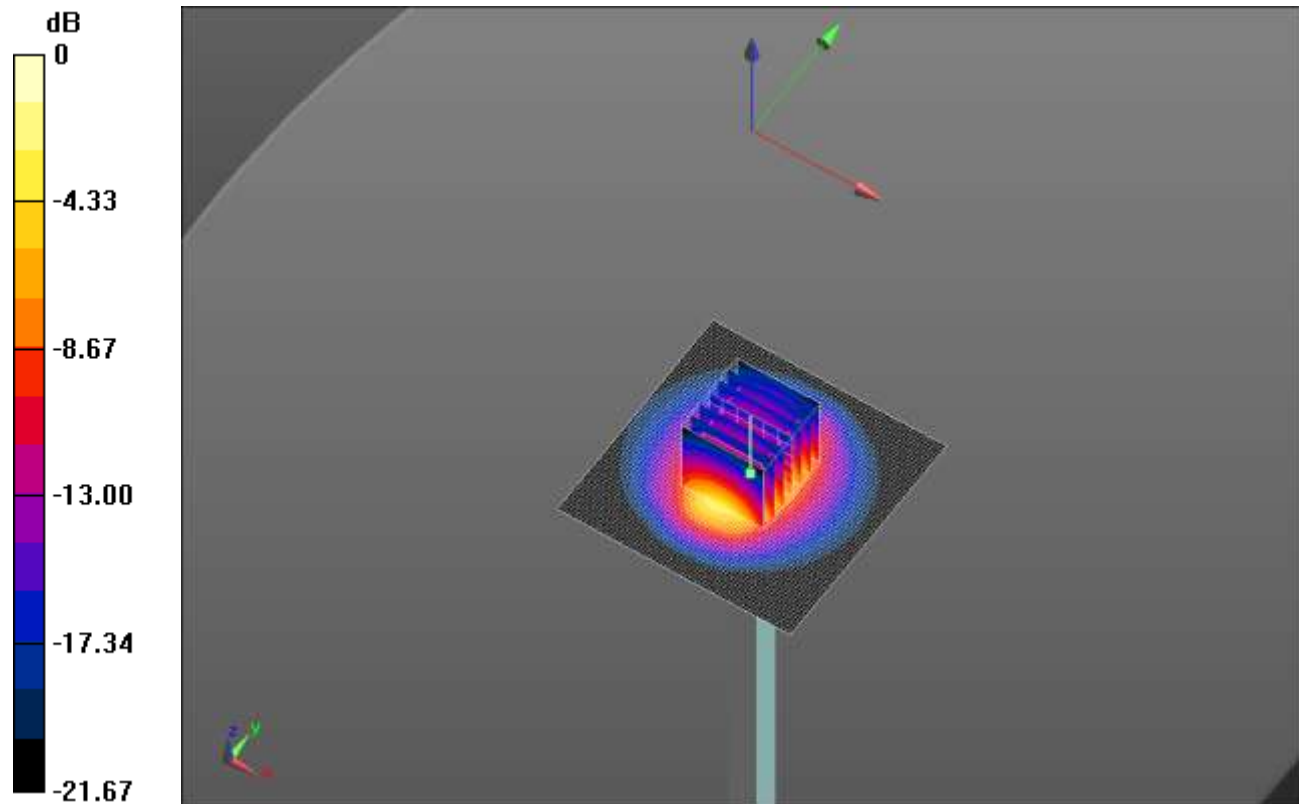
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.838 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 10.744 mW/g

SAR(1 g) = 5.25 mW/g; SAR(10 g) = 2.44 mW/g

Maximum value of SAR (measured) = 7.46 W/kg

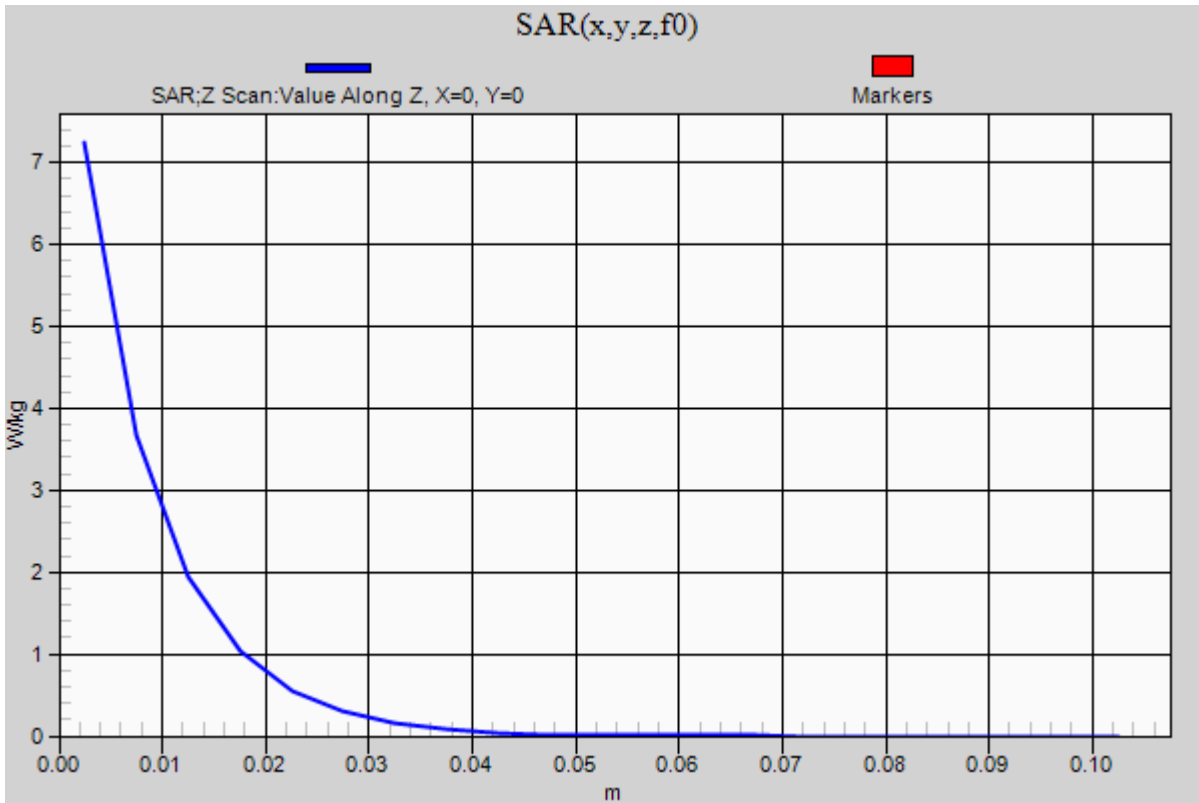


0 dB = 7.46 W/kg = 17.45 dB W/kg

20130822_SystemPerformanceCheck-D2450V2 SN 899

Frequency: 2450 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) = 7.24 W/kg



20130823_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.258$ mho/m; $\epsilon_r = 47.922$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(4.23, 4.23, 4.23); Calibrated: 7/22/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA002AA; Serial: TP:xxxx

Body/5.2 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 53.555 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 7.56 mW/g; SAR(10 g) = 2.12 mW/g

Maximum value of SAR (interpolated) = 19.6 W/kg

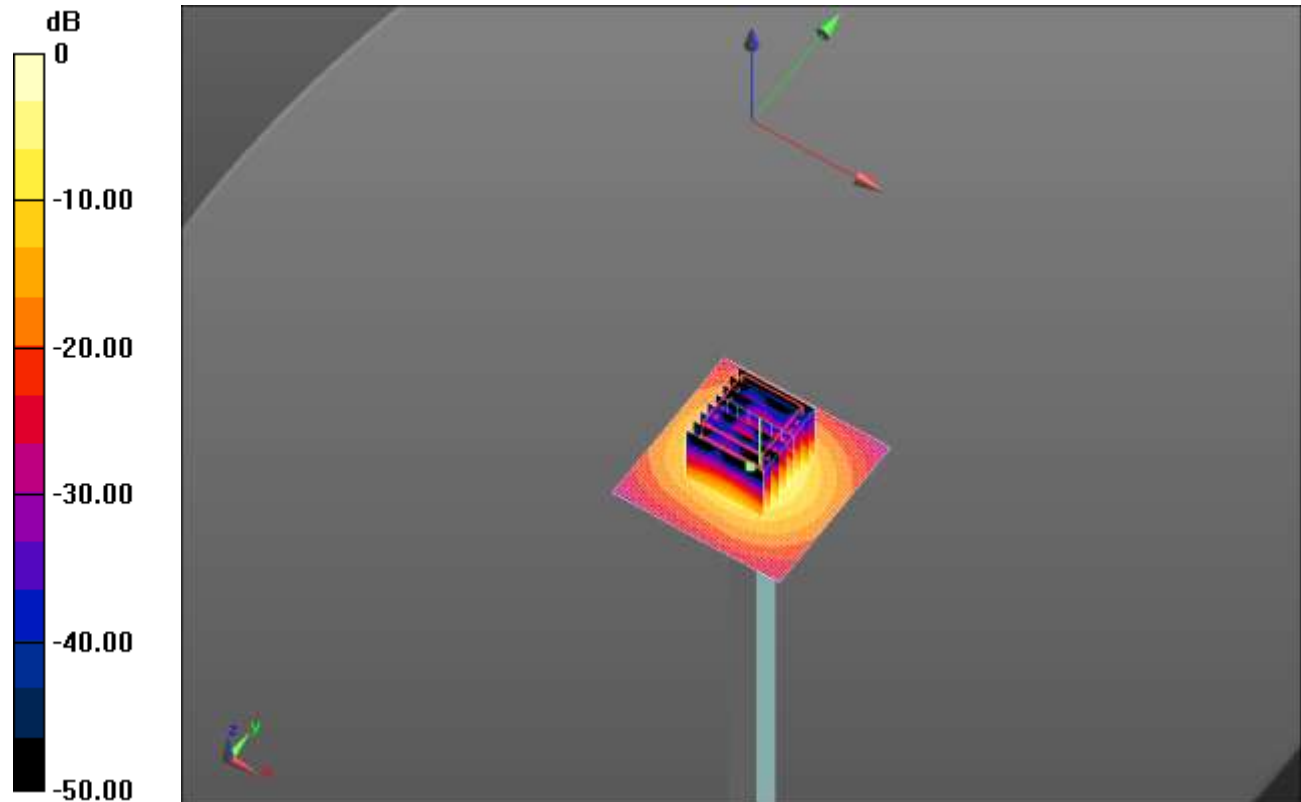
Body/5.2 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 53.555 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 32.708 mW/g

SAR(1 g) = 7.98 mW/g; SAR(10 g) = 2.29 mW/g

Maximum value of SAR (measured) = 18.5 W/kg

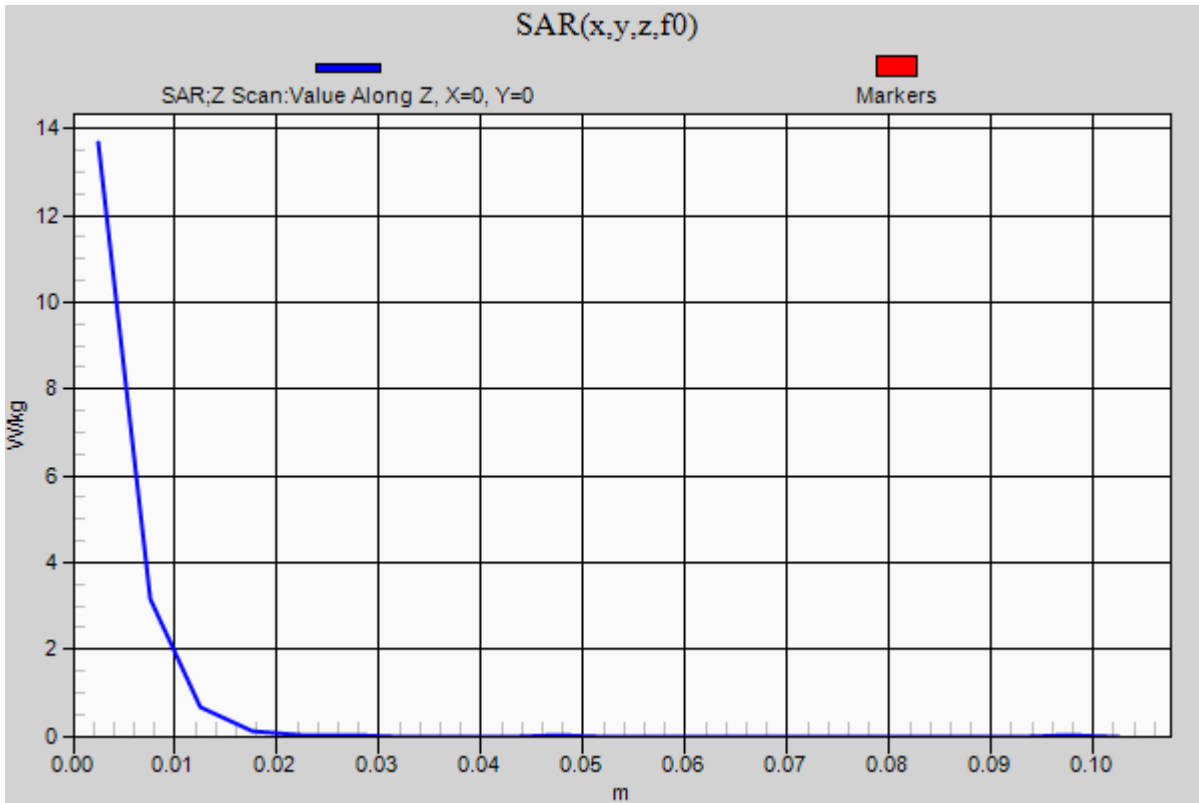


0 dB = 18.5 W/kg = 25.34 dB W/kg

20130823_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5200 MHz; Duty Cycle: 1:1

Body/5.2 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.7 W/kg



20130823_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.793$ mho/m; $\epsilon_r = 47.319$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(3.72, 3.72, 3.72); Calibrated: 7/22/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA002AA; Serial: TP:xxxx

Body/5.6 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 53.872 V/m; Power Drift = -0.00 dB

Fast SAR: SAR(1 g) = 8.09 mW/g; SAR(10 g) = 2.2 mW/g

Maximum value of SAR (interpolated) = 22.0 W/kg

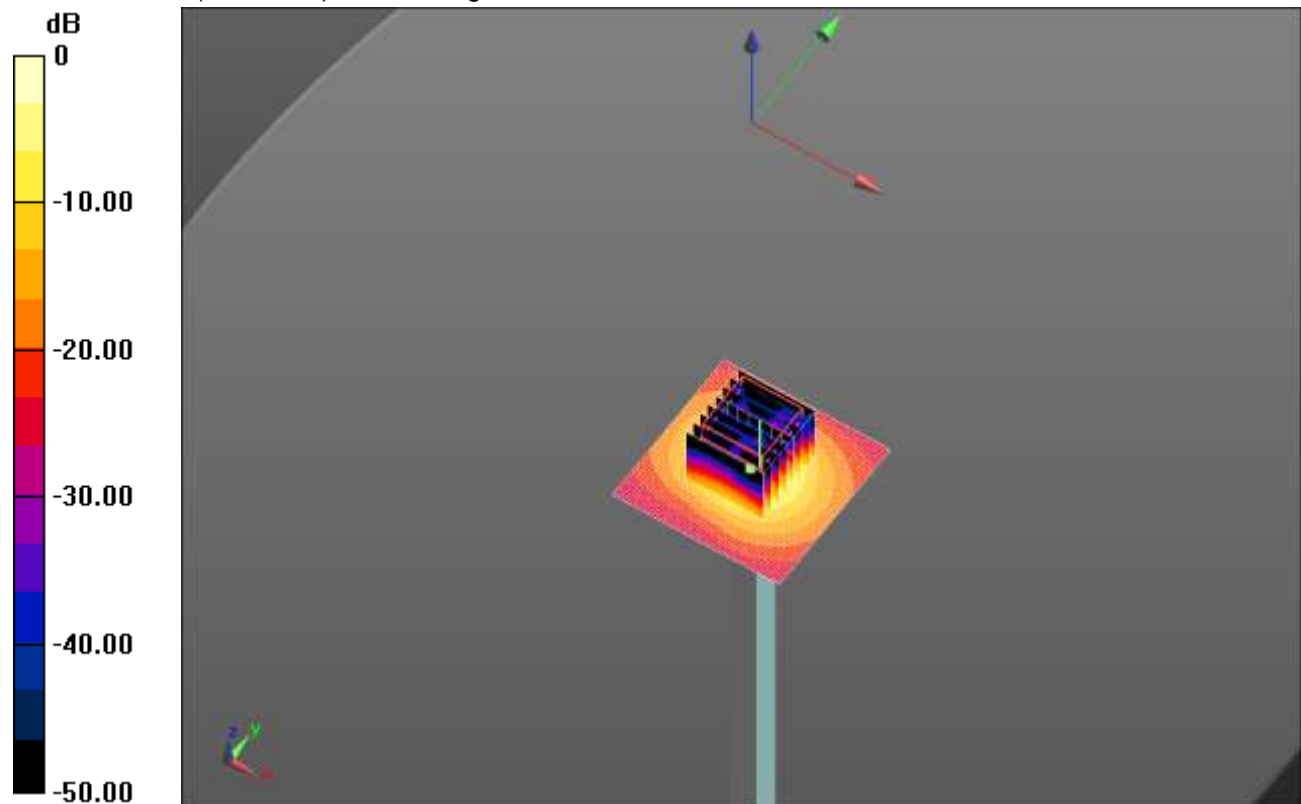
Body/5.6 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 53.872 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 38.116 mW/g

SAR(1 g) = 8.53 mW/g; SAR(10 g) = 2.4 mW/g

Maximum value of SAR (measured) = 20.8 W/kg

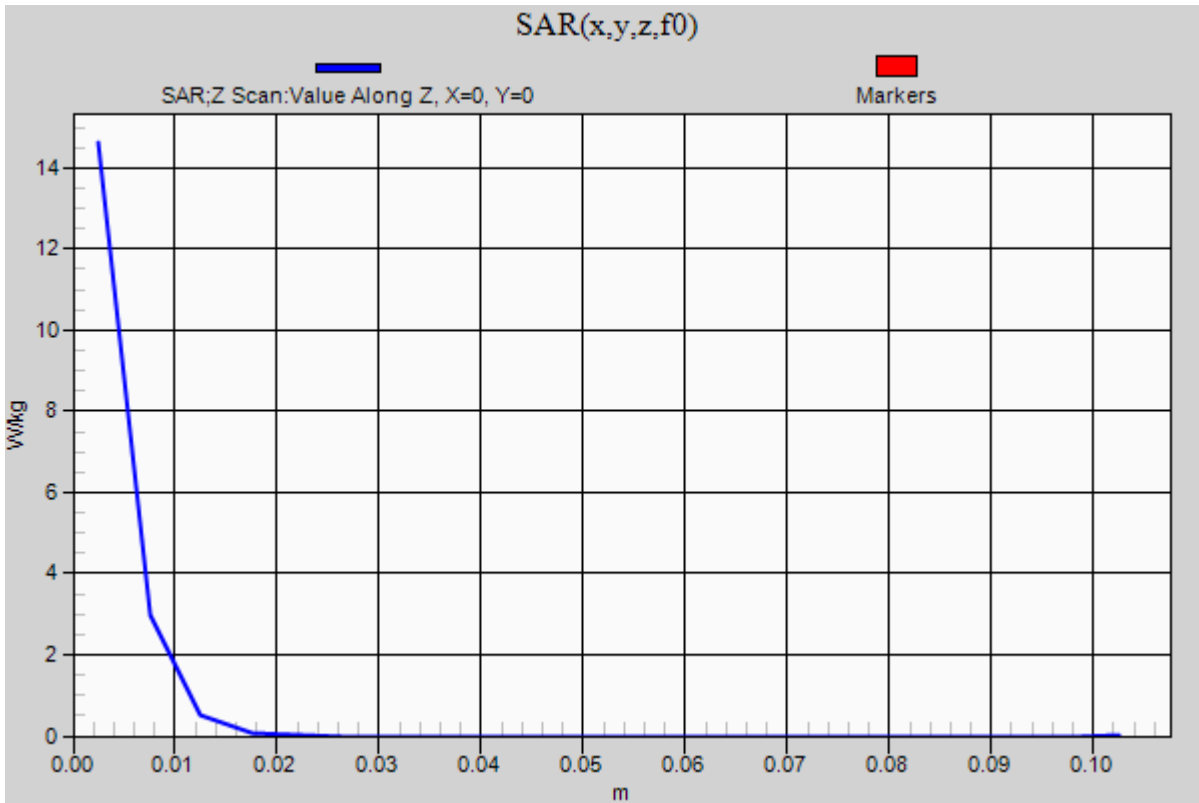


0 dB = 20.8 W/kg = 26.36 dB W/kg

20130823_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5600 MHz; Duty Cycle: 1:1

Body/5.6 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 14.6 W/kg



20130823_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.07$ mho/m; $\epsilon_r = 46.952$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(3.89, 3.89, 3.89); Calibrated: 7/22/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA002AA; Serial: TP:xxxx

Body/5.8 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 48.492 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 6.87 mW/g; SAR(10 g) = 1.9 mW/g

Maximum value of SAR (interpolated) = 18.9 W/kg

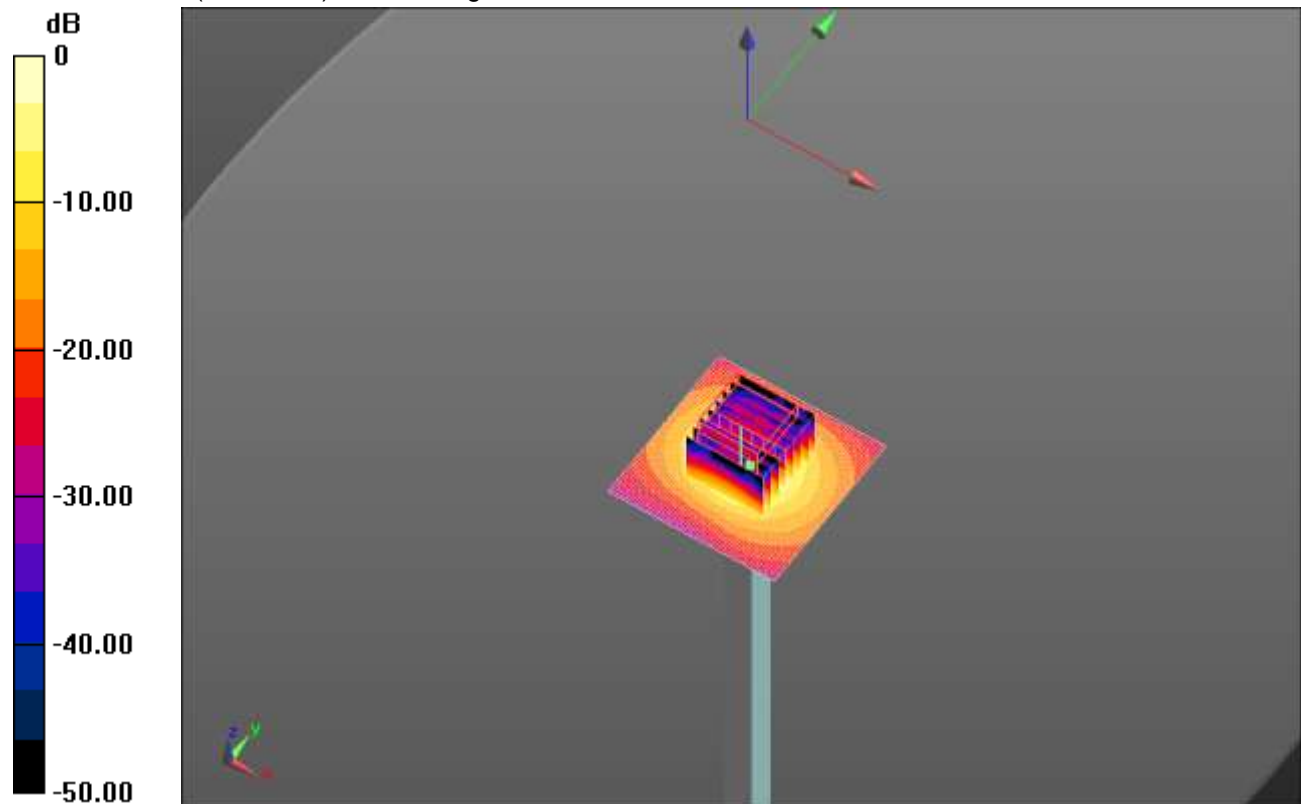
Body/5.8 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.492 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 33.096 mW/g

SAR(1 g) = 7.37 mW/g; SAR(10 g) = 2.1 mW/g

Maximum value of SAR (measured) = 18.0 W/kg

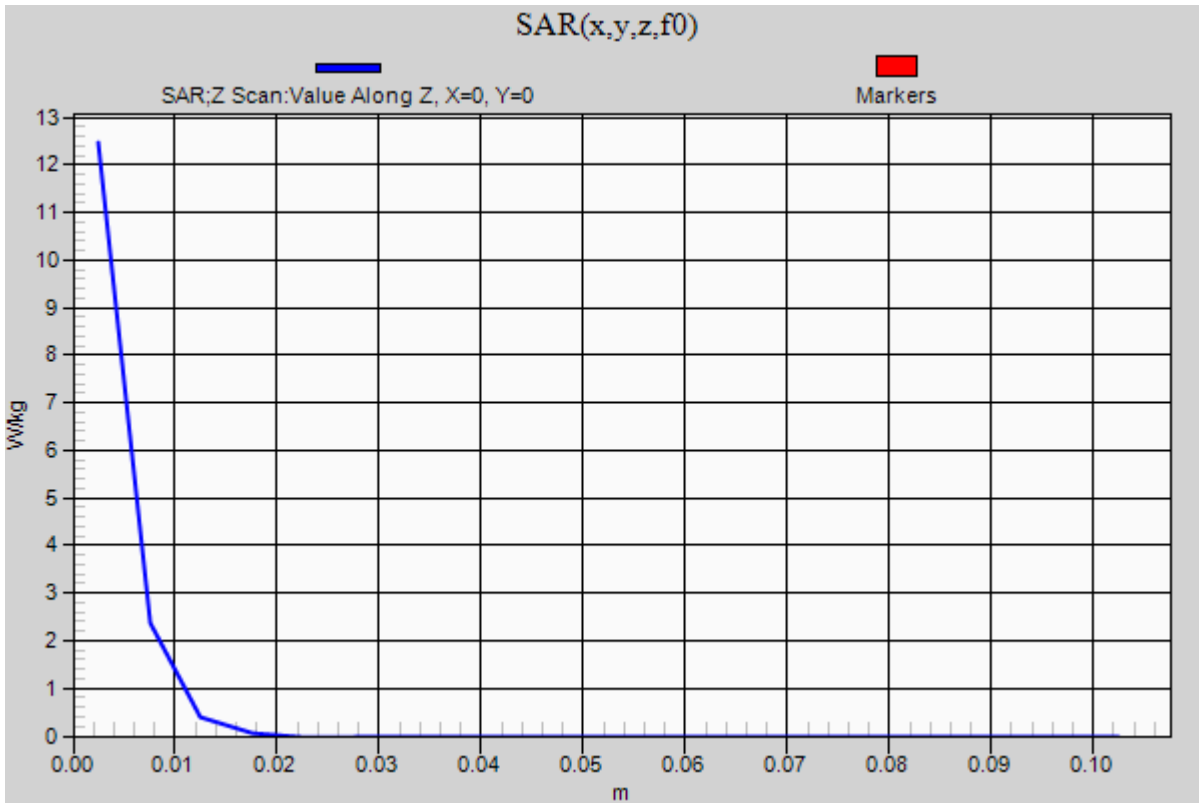


0 dB = 18.0 W/kg = 25.11 dB W/kg

20130823_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5800 MHz; Duty Cycle: 1:1

Body/5.8 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 12.5 W/kg



20130827_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.257 \text{ mho/m}$; $\epsilon_r = 46.992$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(4.23, 4.23, 4.23); Calibrated: 7/22/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA002AA; Serial: TP:xxxx

Body/5.2 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 53.996 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 7.76 mW/g; SAR(10 g) = 2.14 mW/g

Maximum value of SAR (interpolated) = 20.2 W/kg

Body/5.2 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,

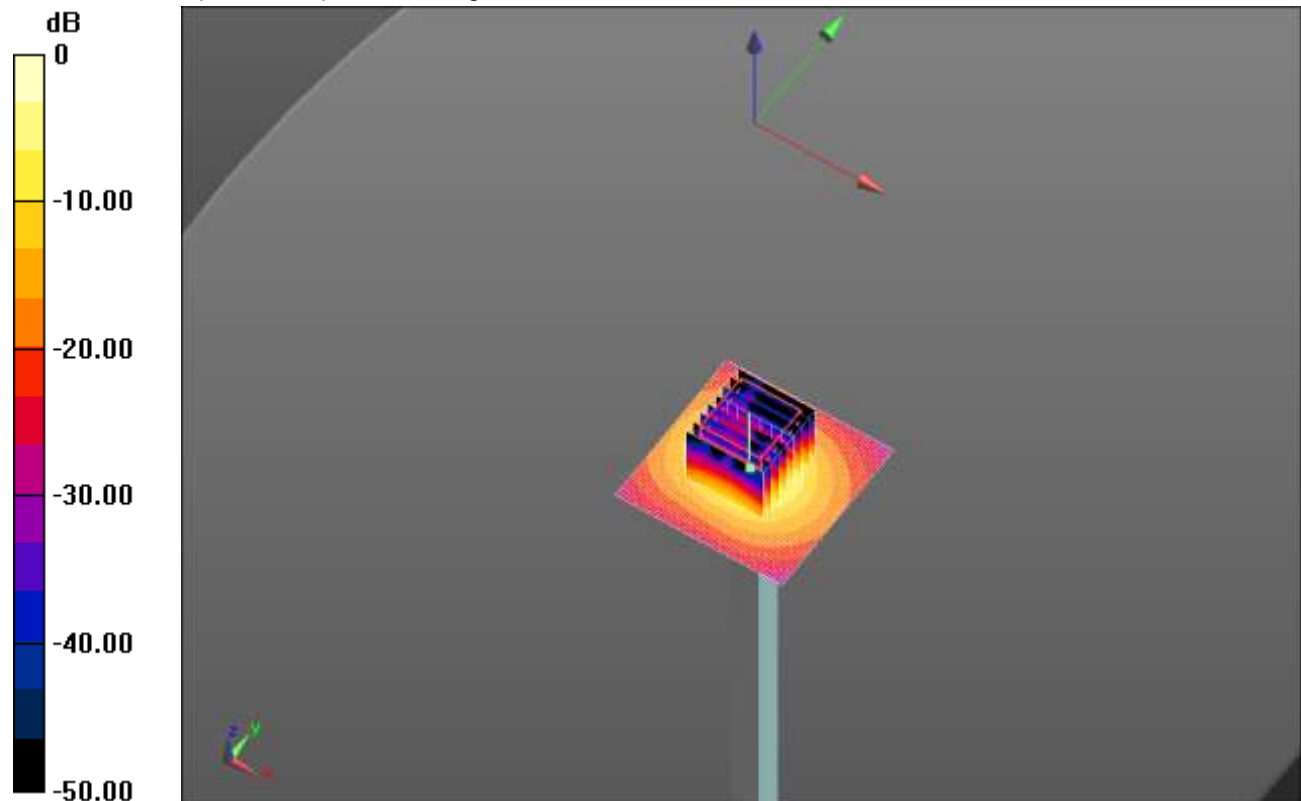
dz=1.4mm

Reference Value = 53.996 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 32.589 mW/g

SAR(1 g) = 8.11 mW/g; SAR(10 g) = 2.29 mW/g

Maximum value of SAR (measured) = 18.6 W/kg

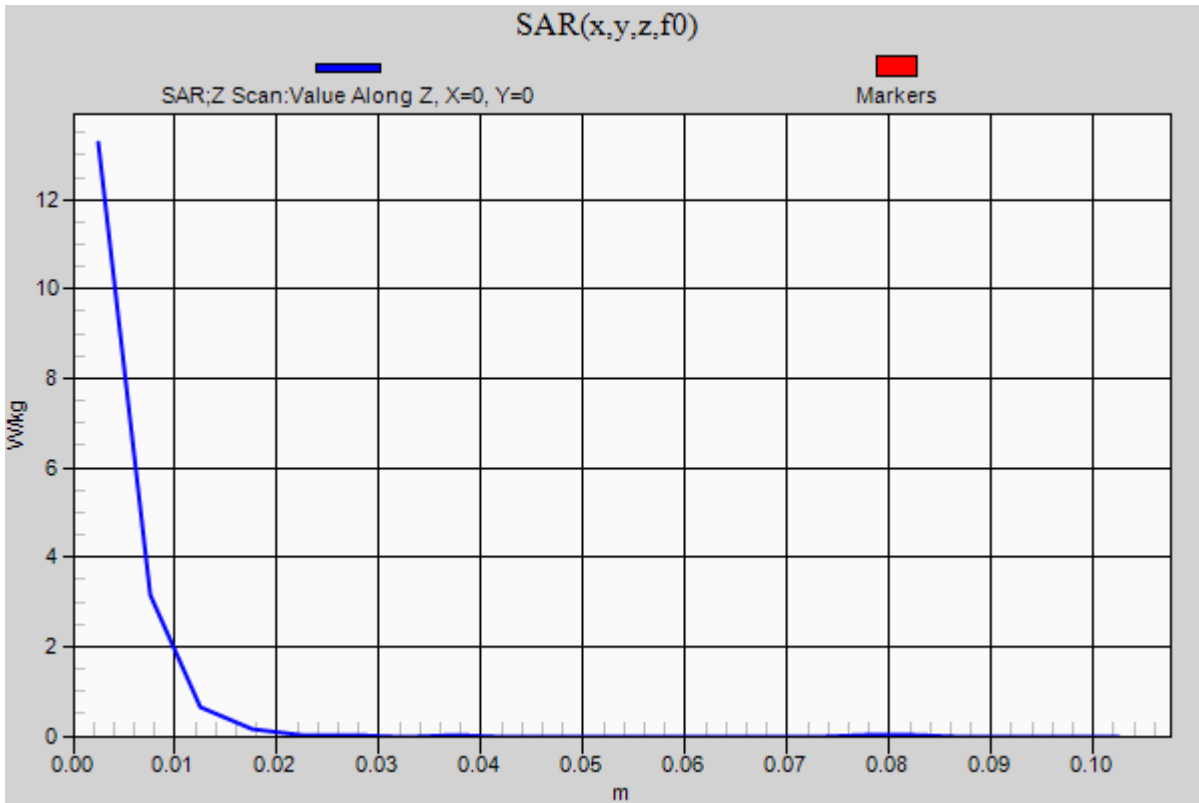


0 dB = 18.6 W/kg = 25.39 dB W/kg

20130827_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5200 MHz; Duty Cycle: 1:1

Body/5.2 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.3 W/kg



20130827_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.772$ mho/m; $\epsilon_r = 46.307$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(3.72, 3.72, 3.72); Calibrated: 7/22/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA002AA; Serial: TP:xxxx

Body/5.6 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 53.256 V/m; Power Drift = 0.07 dB

Fast SAR: SAR(1 g) = 8.08 mW/g; SAR(10 g) = 2.19 mW/g

Maximum value of SAR (interpolated) = 21.9 W/kg

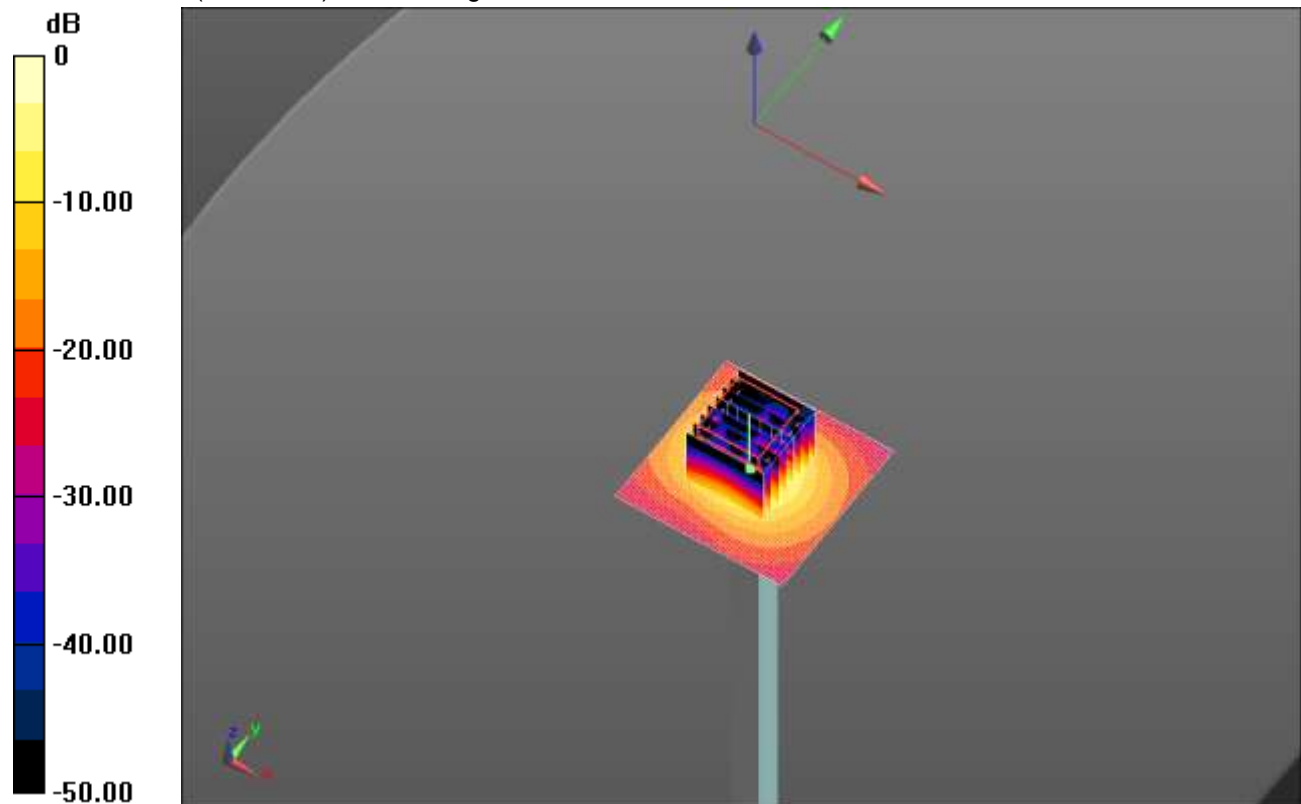
Body/5.6 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 53.256 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 38.165 mW/g

SAR(1 g) = 8.68 mW/g; SAR(10 g) = 2.41 mW/g

Maximum value of SAR (measured) = 20.6 W/kg

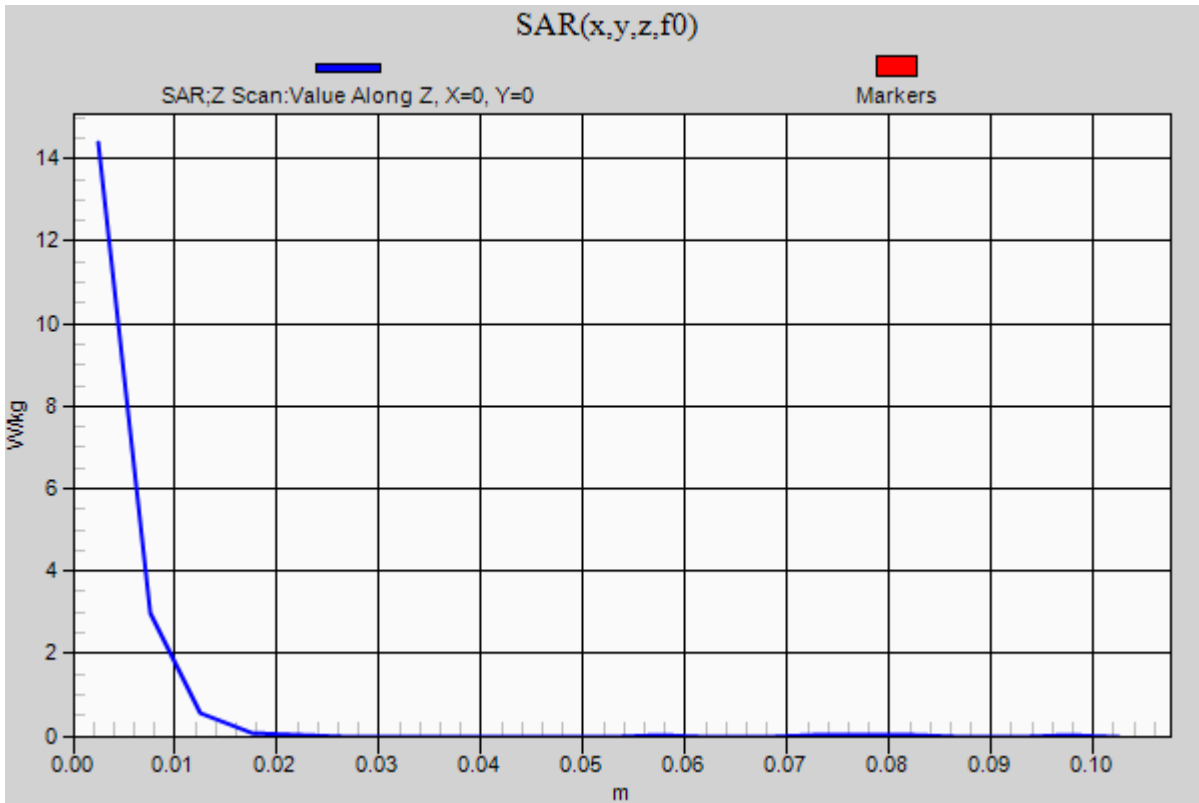


0 dB = 20.6 W/kg = 26.28 dB W/kg

20130827_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5600 MHz; Duty Cycle: 1:1

Body/5.6 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 14.4 W/kg



20130827_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5800$ MHz; $\sigma = 6.037$ mho/m; $\epsilon_r = 46.014$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(3.89, 3.89, 3.89); Calibrated: 7/22/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA002AA; Serial: TP:xxxx

Body/5.8 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 48.514 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 6.91 mW/g; SAR(10 g) = 1.9 mW/g

Maximum value of SAR (interpolated) = 19.0 W/kg

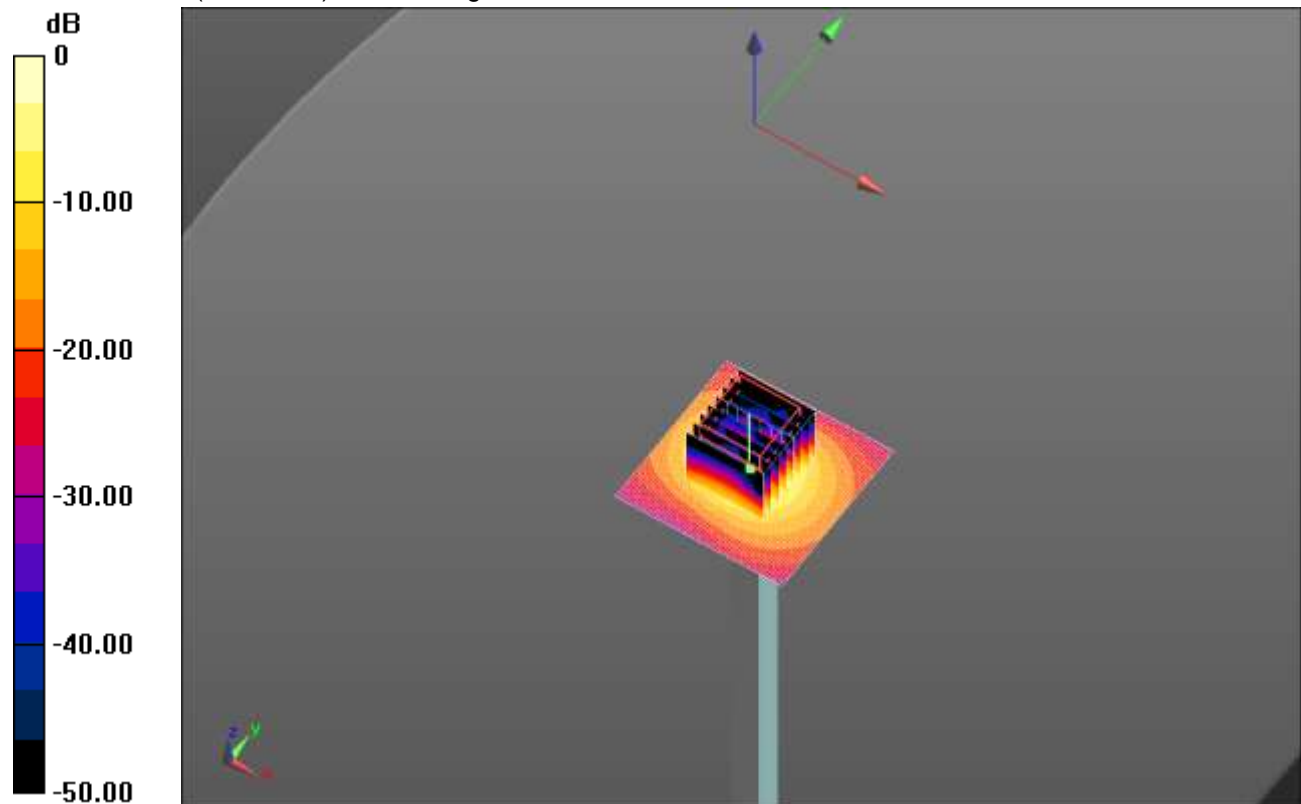
Body/5.8 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.514 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 33.354 mW/g

SAR(1 g) = 7.49 mW/g; SAR(10 g) = 2.1 mW/g

Maximum value of SAR (measured) = 18.0 W/kg

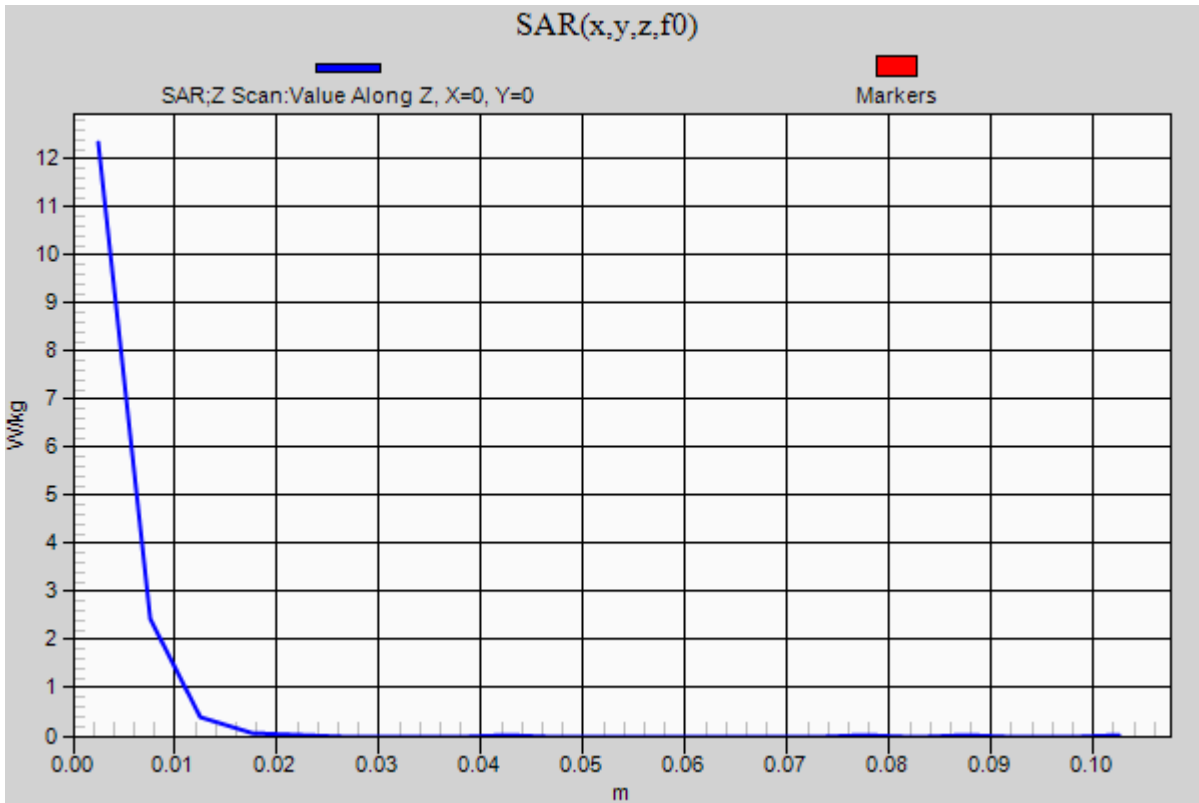


0 dB = 18.0 W/kg = 25.11 dB W/kg

20130827_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5800 MHz; Duty Cycle: 1:1

Body/5.8 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 12.3 W/kg



20130903_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.236$ mho/m; $\epsilon_r = 47.228$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(4.23, 4.23, 4.23); Calibrated: 7/22/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA002AA; Serial: TP:xxxx

Body/5.2 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 53.339 V/m; Power Drift = 0.00 dB

Fast SAR: SAR(1 g) = 7.52 mW/g; SAR(10 g) = 2.07 mW/g

Maximum value of SAR (interpolated) = 19.6 W/kg

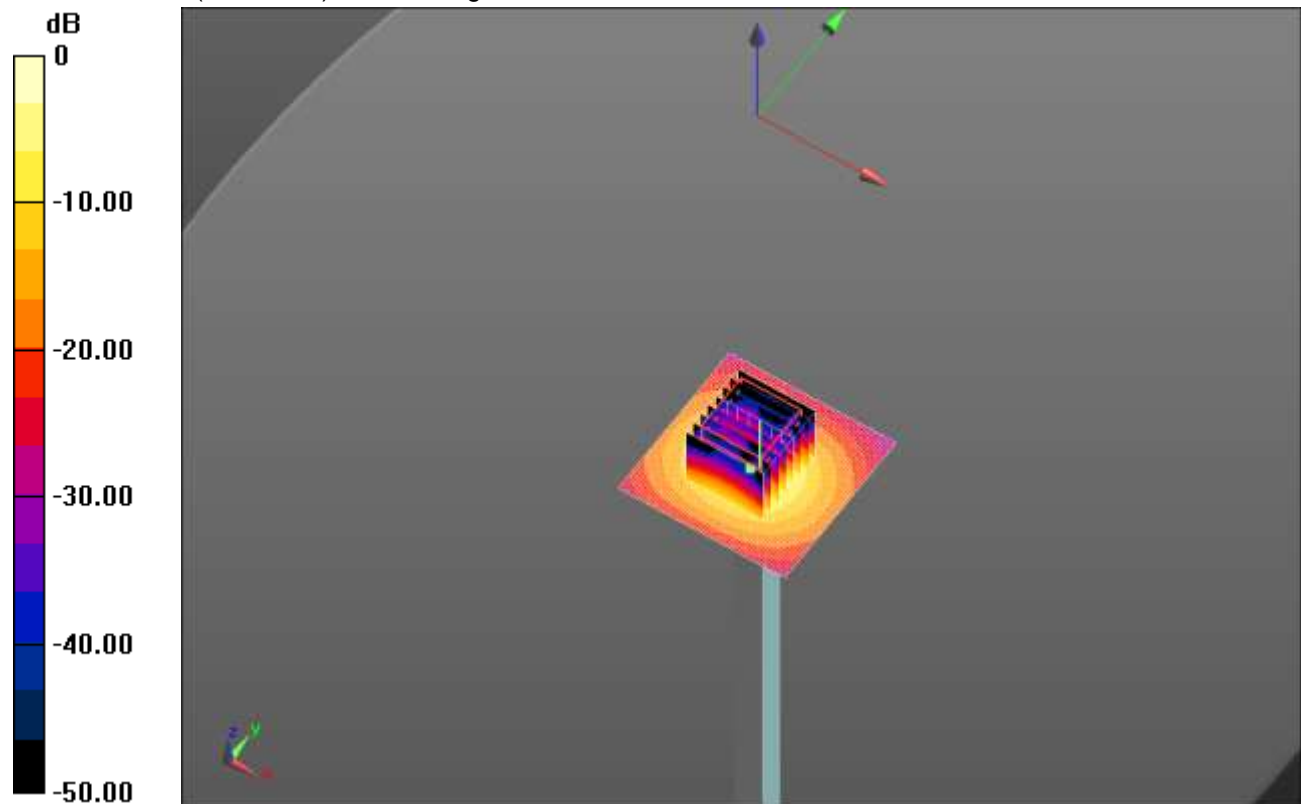
Body/5.2 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 53.339 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 32.252 mW/g

SAR(1 g) = 7.87 mW/g; SAR(10 g) = 2.23 mW/g

Maximum value of SAR (measured) = 18.0 W/kg

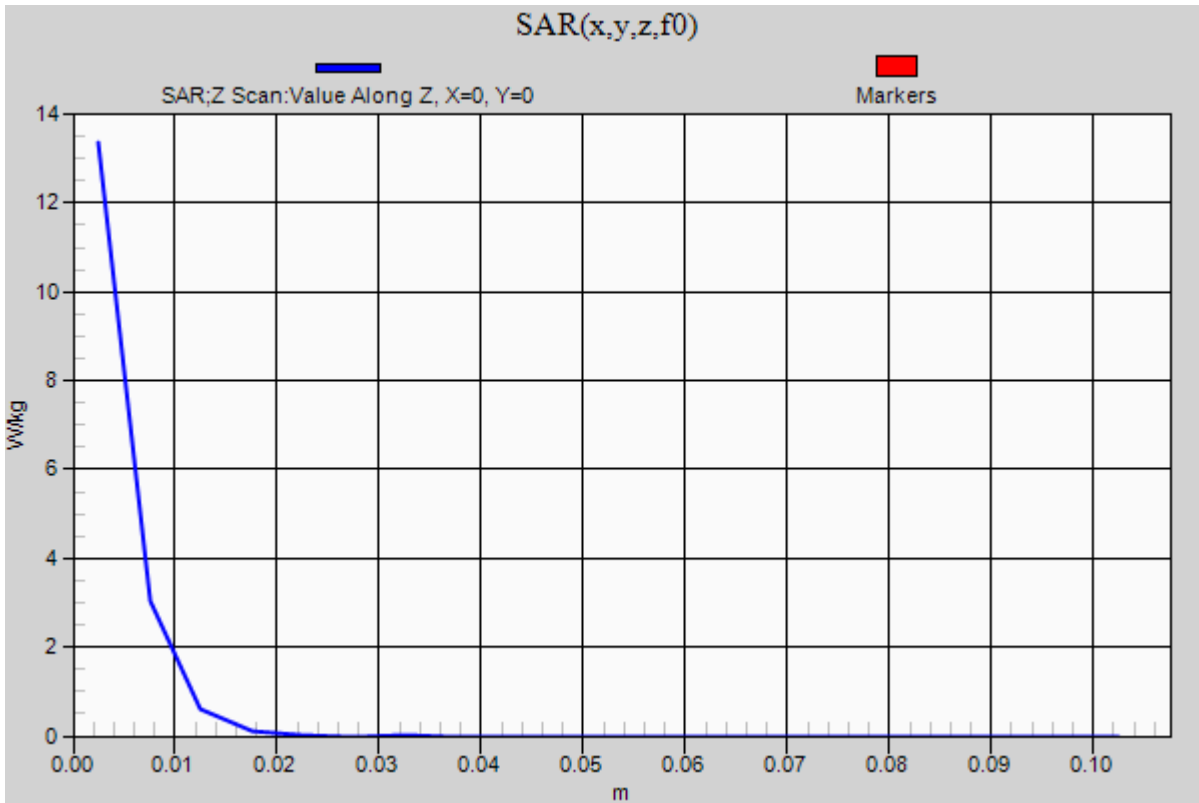


0 dB = 18.0 W/kg = 25.11 dB W/kg

20130903_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5200 MHz; Duty Cycle: 1:1

Body/5.2 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.4 W/kg



20130903_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.615$ mho/m; $\epsilon_r = 46.722$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(3.81, 3.81, 3.81); Calibrated: 7/22/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA002AA; Serial: TP:xxxx

Body/5.5 GHz, Pin=100mW 2/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 52.386 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 7.25 mW/g; SAR(10 g) = 1.98 mW/g

Maximum value of SAR (interpolated) = 19.6 W/kg

Body/5.5 GHz, Pin=100mW 2/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,

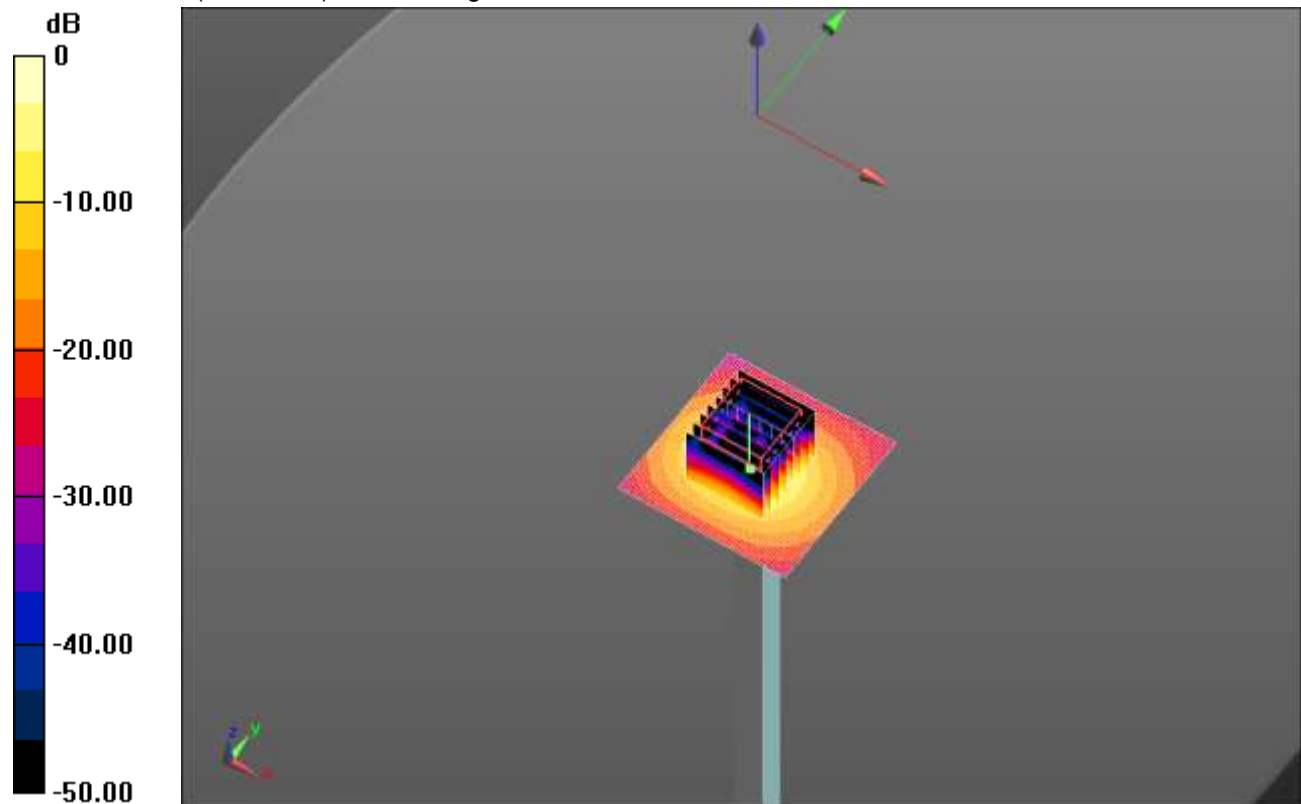
dz=1.4mm

Reference Value = 52.386 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 32.114 mW/g

SAR(1 g) = 7.74 mW/g; SAR(10 g) = 2.17 mW/g

Maximum value of SAR (measured) = 18.0 W/kg

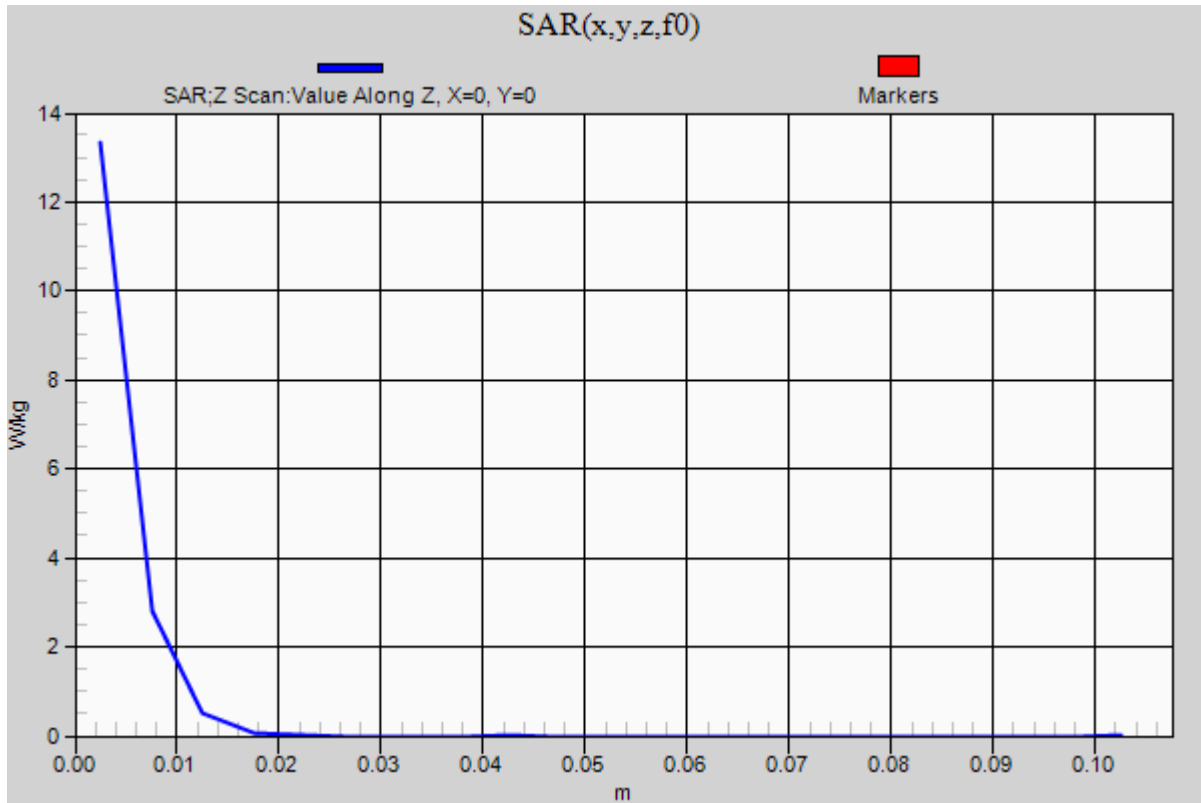


0 dB = 18.0 W/kg = 25.11 dB W/kg

20130903_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5500 MHz; Duty Cycle: 1:1

Body/5.5 GHz, Pin=100mW 2/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.3 W/kg



20130903_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.739$ mho/m; $\epsilon_r = 46.56$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(3.72, 3.72, 3.72); Calibrated: 7/22/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA002AA; Serial: TP:xxxx

Body/5.6 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 53.090 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 7.93 mW/g; SAR(10 g) = 2.14 mW/g

Maximum value of SAR (interpolated) = 21.6 W/kg

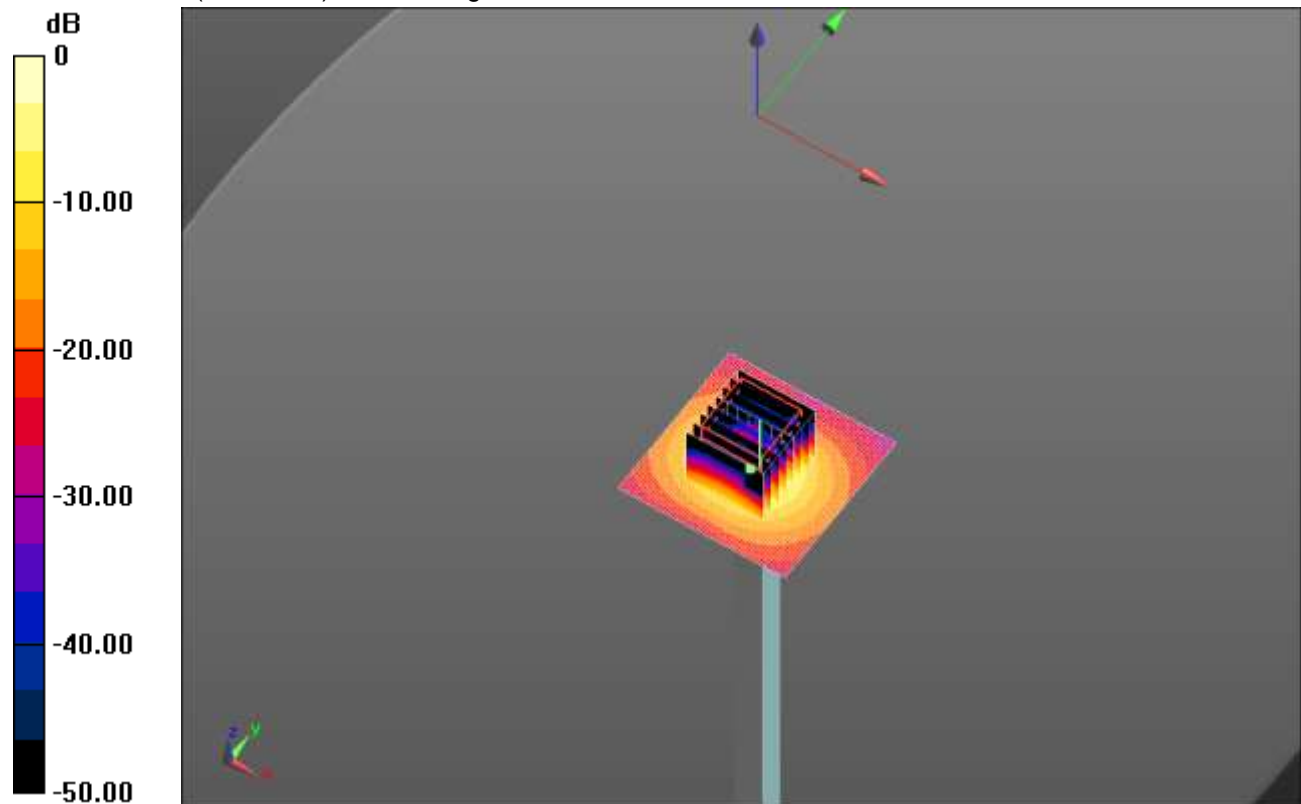
Body/5.6 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 53.090 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 36.562 mW/g

SAR(1 g) = 8.3 mW/g; SAR(10 g) = 2.31 mW/g

Maximum value of SAR (measured) = 19.8 W/kg

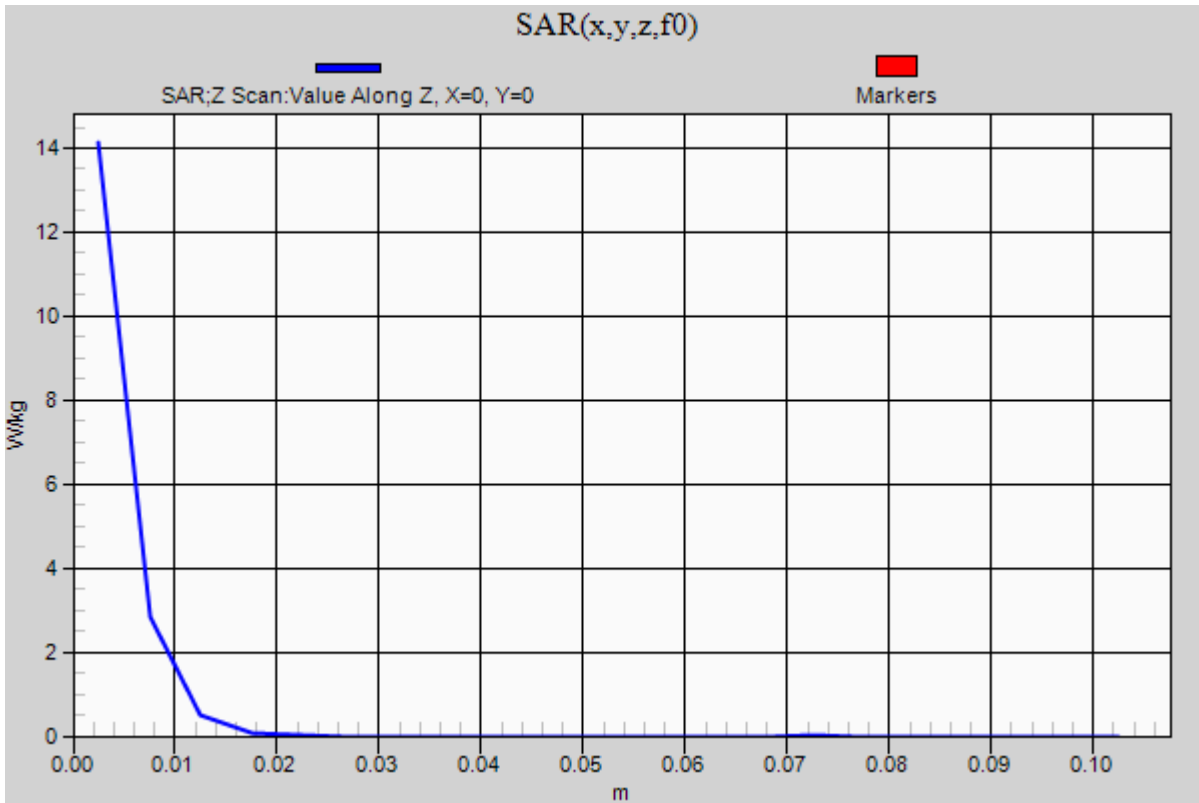


0 dB = 19.8 W/kg = 25.93 dB W/kg

20130903_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5600 MHz; Duty Cycle: 1:1

Body/5.6 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 14.1 W/kg



20130903_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.011$ mho/m; $\epsilon_r = 46.256$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(3.89, 3.89, 3.89); Calibrated: 7/22/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA002AA; Serial: TP:xxxx

Body/5.8 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 48.671 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 6.75 mW/g; SAR(10 g) = 1.85 mW/g

Maximum value of SAR (interpolated) = 18.6 W/kg

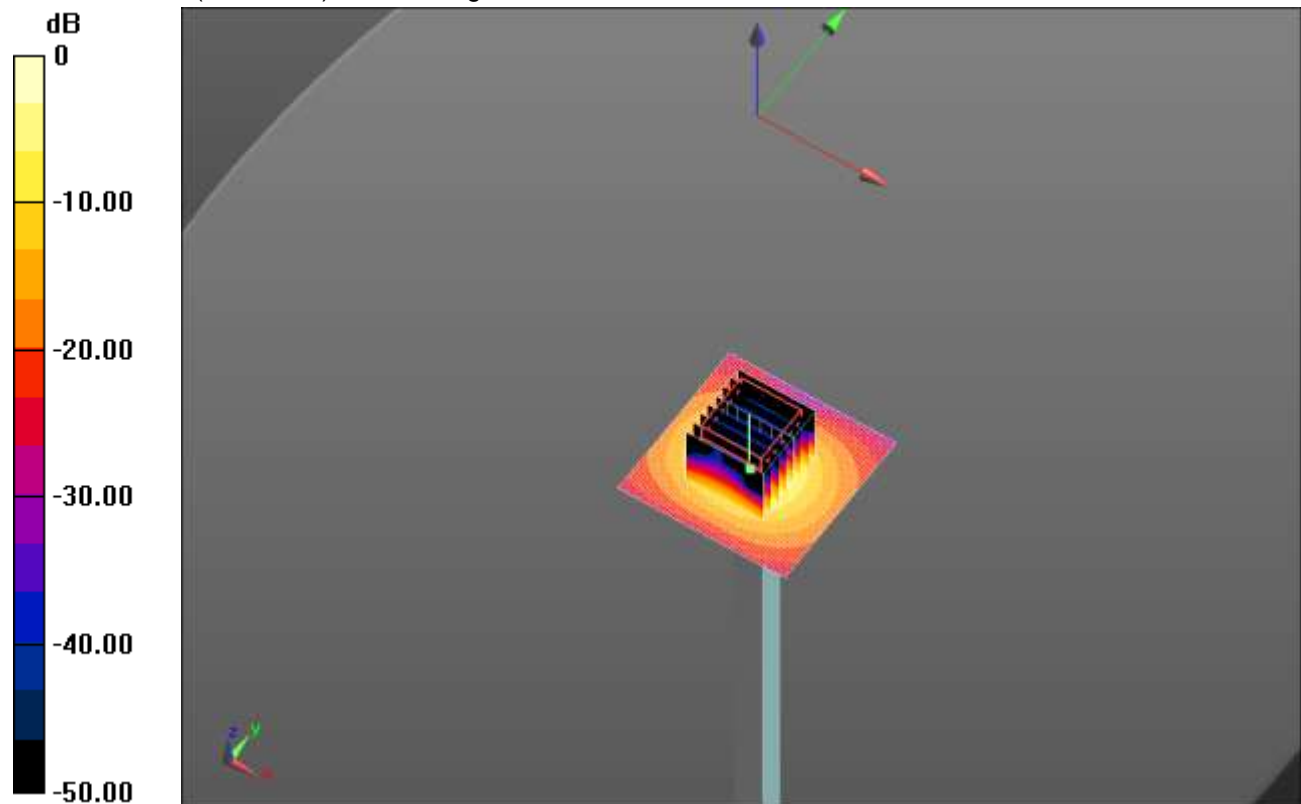
Body/5.8 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.671 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 32.059 mW/g

SAR(1 g) = 7.19 mW/g; SAR(10 g) = 2.02 mW/g

Maximum value of SAR (measured) = 17.2 W/kg

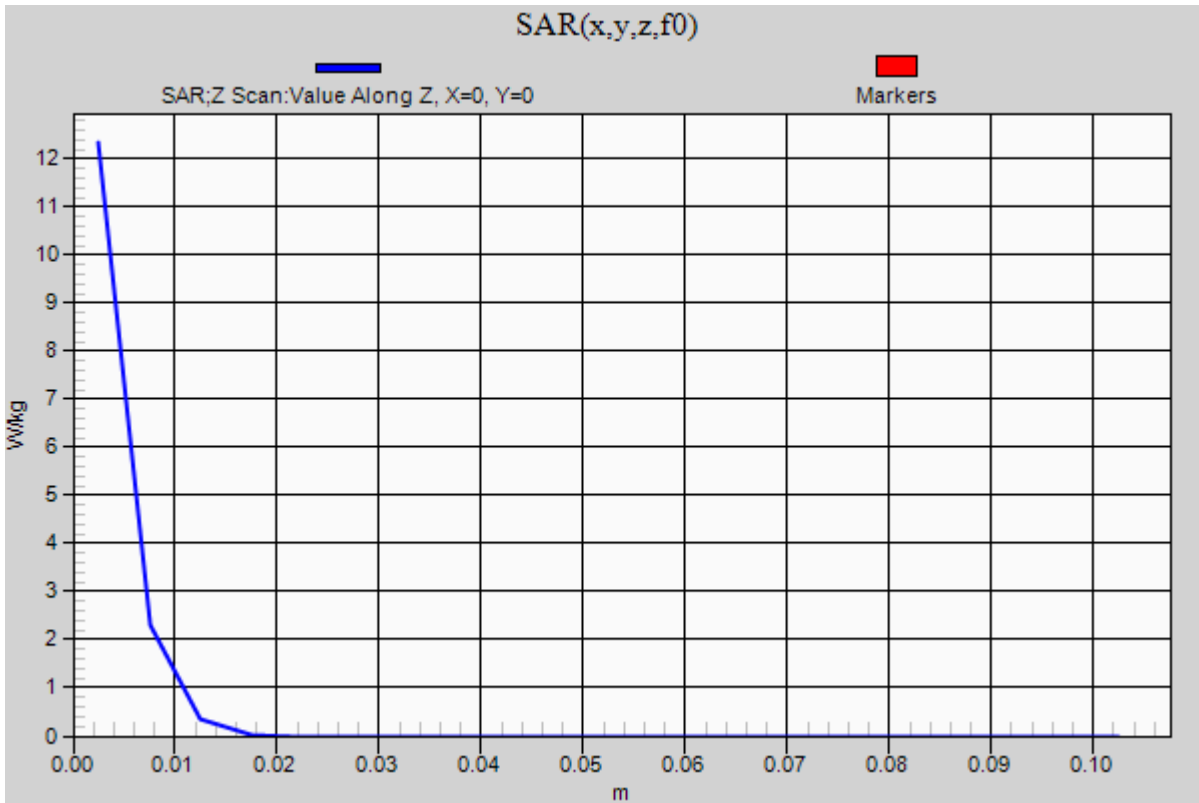


0 dB = 17.2 W/kg = 24.71 dB W/kg

20130903_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5800 MHz; Duty Cycle: 1:1

Body/5.8 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 12.3 W/kg



20130906_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.214$ mho/m; $\epsilon_r = 47.278$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/9/2013
- Probe: EX3DV4 - SN3751; ConvF(4.26, 4.26, 4.26); Calibrated: 11/15/2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/5.2 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 41.733 V/m; Power Drift = 0.23 dB

Fast SAR: SAR(1 g) = 7.22 mW/g; SAR(10 g) = 2.03 mW/g

Maximum value of SAR (interpolated) = 18.4 W/kg

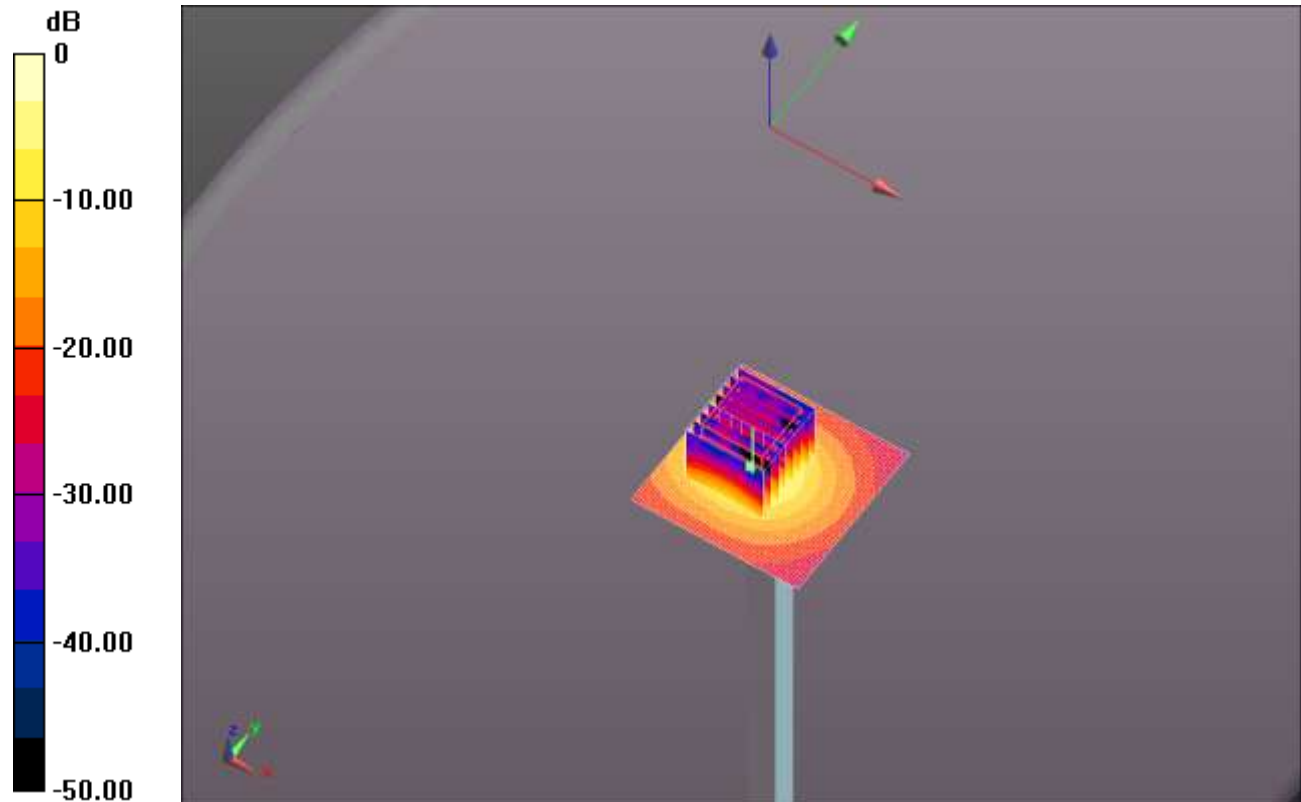
Body/5.2 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 41.733 V/m; Power Drift = 0.23 dB

Peak SAR (extrapolated) = 32.745 mW/g

SAR(1 g) = 7.85 mW/g; SAR(10 g) = 2.2 mW/g

Maximum value of SAR (measured) = 18.4 W/kg

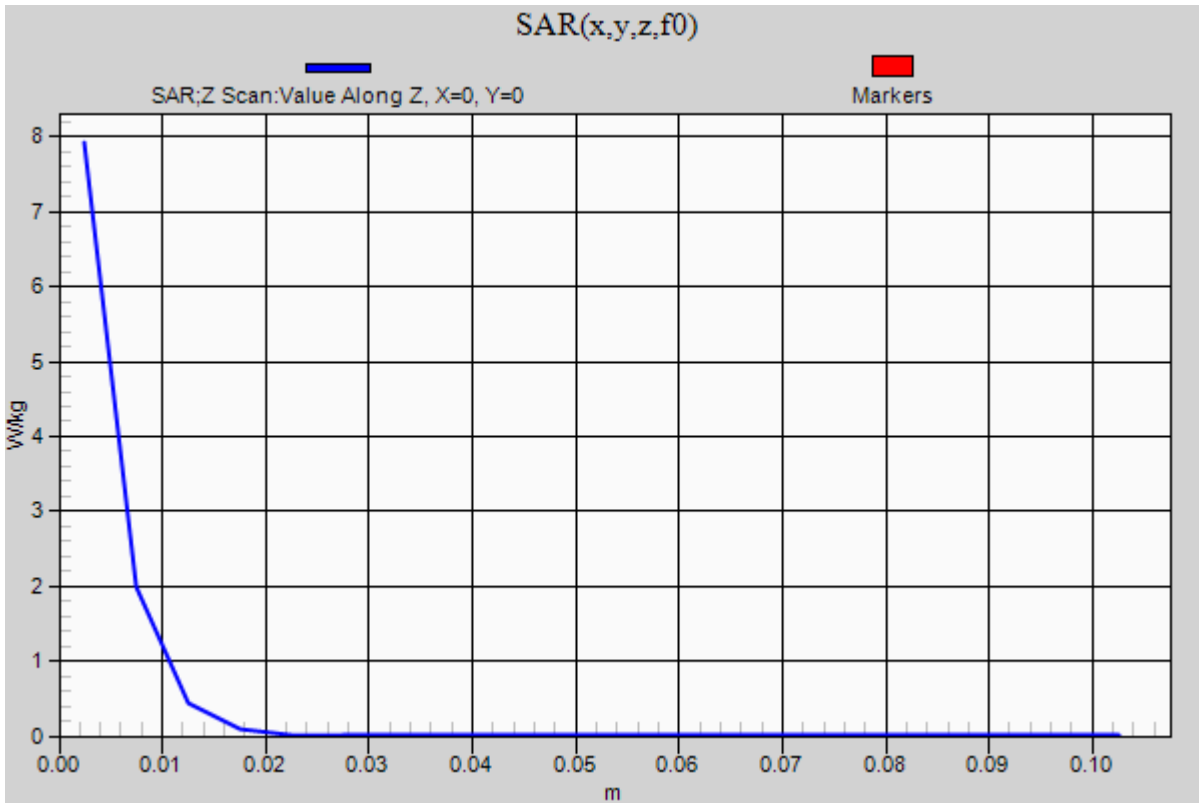


0 dB = 18.4 W/kg = 25.30 dB W/kg

20130906_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5200 MHz; Duty Cycle: 1:1

Body/5.2 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 7.92 W/kg



20130906_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.583$ mho/m; $\epsilon_r = 46.826$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/9/2013
- Probe: EX3DV4 - SN3751; ConvF(3.69, 3.69, 3.69); Calibrated: 11/15/2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/5.5 GHz, Pin=100mW 2/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 41.242 V/m; Power Drift = 0.23 dB

Fast SAR: SAR(1 g) = 7.38 mW/g; SAR(10 g) = 2.06 mW/g

Maximum value of SAR (interpolated) = 19.5 W/kg

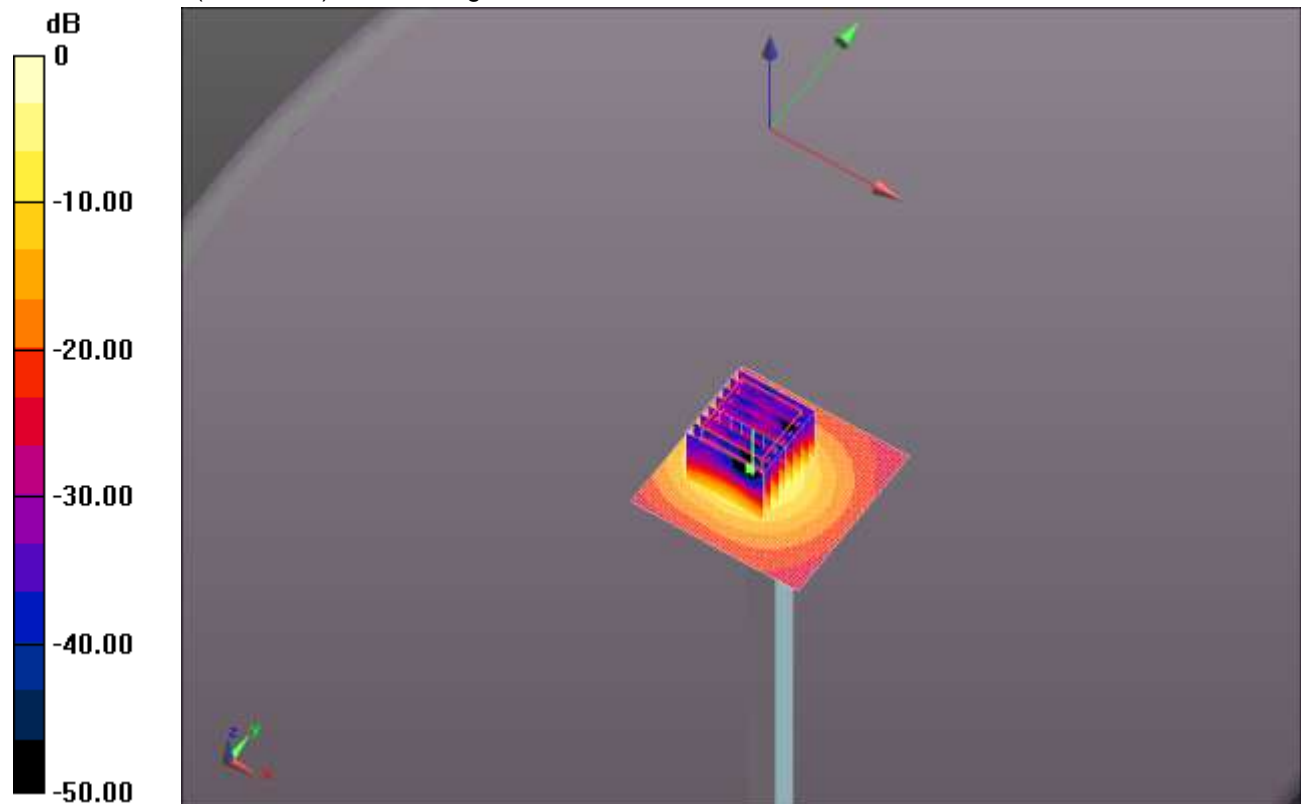
Body/5.5 GHz, Pin=100mW 2/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 41.242 V/m; Power Drift = 0.23 dB

Peak SAR (extrapolated) = 34.102 mW/g

SAR(1 g) = 8.02 mW/g; SAR(10 g) = 2.25 mW/g

Maximum value of SAR (measured) = 19.0 W/kg

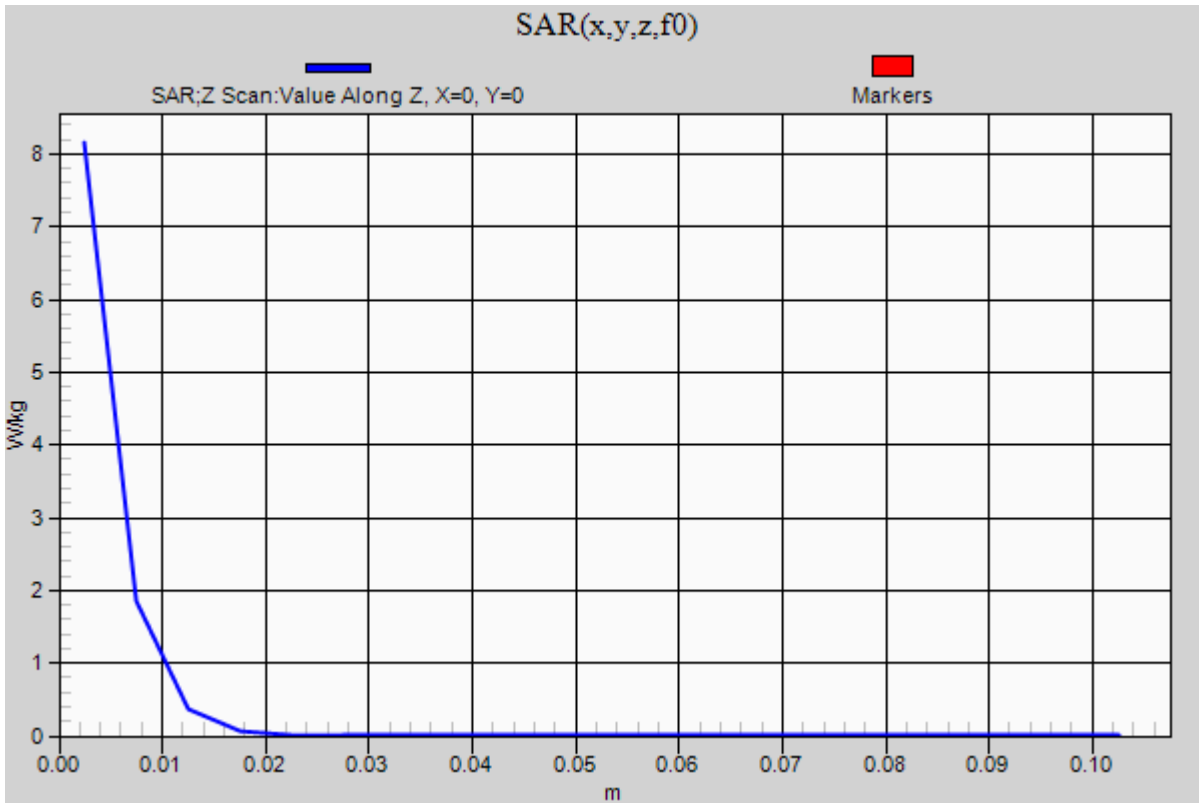


0 dB = 19.0 W/kg = 25.58 dB W/kg

20130906_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5500 MHz; Duty Cycle: 1:1

Body/5.5 GHz, Pin=100mW 2/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 8.15 W/kg



20130906_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.716$ mho/m; $\epsilon_r = 46.706$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/9/2013
- Probe: EX3DV4 - SN3751; ConvF(3.63, 3.63, 3.63); Calibrated: 11/15/2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/5.6 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 41.296 V/m; Power Drift = 0.22 dB

Fast SAR: SAR(1 g) = 7.81 mW/g; SAR(10 g) = 2.17 mW/g

Maximum value of SAR (interpolated) = 21.1 W/kg

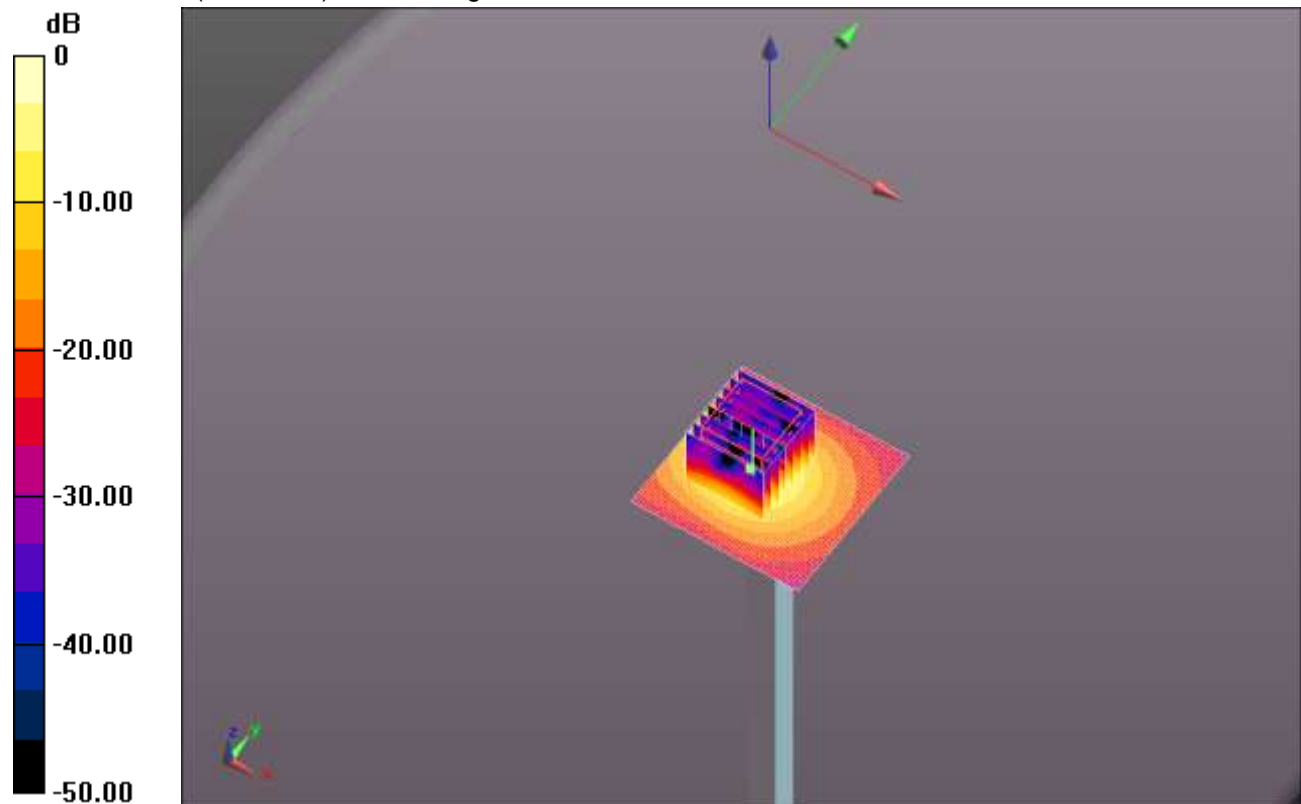
Body/5.6 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 41.296 V/m; Power Drift = 0.22 dB

Peak SAR (extrapolated) = 38.449 mW/g

SAR(1 g) = 8.45 mW/g; SAR(10 g) = 2.35 mW/g

Maximum value of SAR (measured) = 20.6 W/kg

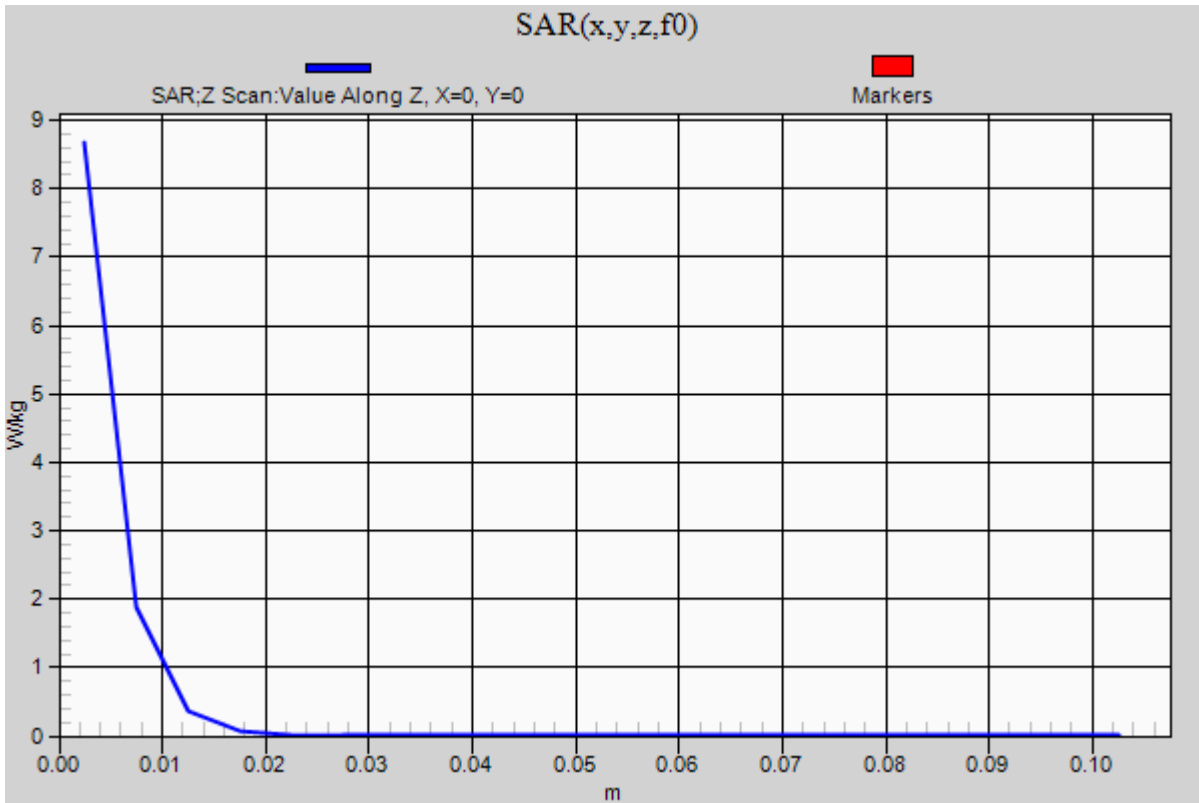


0 dB = 20.6 W/kg = 26.28 dB W/kg

20130906_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5600 MHz; Duty Cycle: 1:1

Body/5.6 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 8.67 W/kg



20130906_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.987$ mho/m; $\epsilon_r = 46.406$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/9/2013
- Probe: EX3DV4 - SN3751; ConvF(3.88, 3.88, 3.88); Calibrated: 11/15/2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/5.8 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 37.453 V/m; Power Drift = 0.18 dB

Fast SAR: SAR(1 g) = 6.51 mW/g; SAR(10 g) = 1.82 mW/g

Maximum value of SAR (interpolated) = 17.9 W/kg

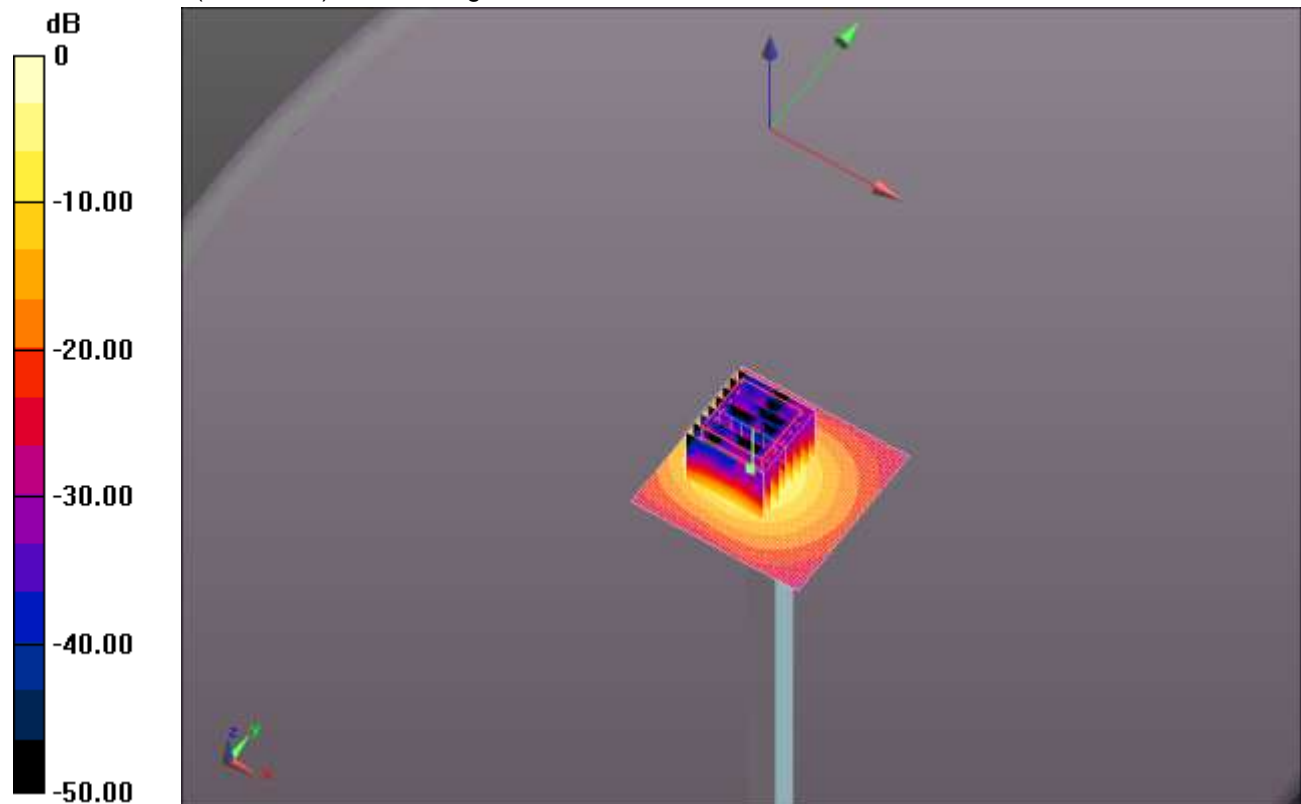
Body/5.8 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 37.453 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 33.202 mW/g

SAR(1 g) = 7.19 mW/g; SAR(10 g) = 2.02 mW/g

Maximum value of SAR (measured) = 17.6 W/kg

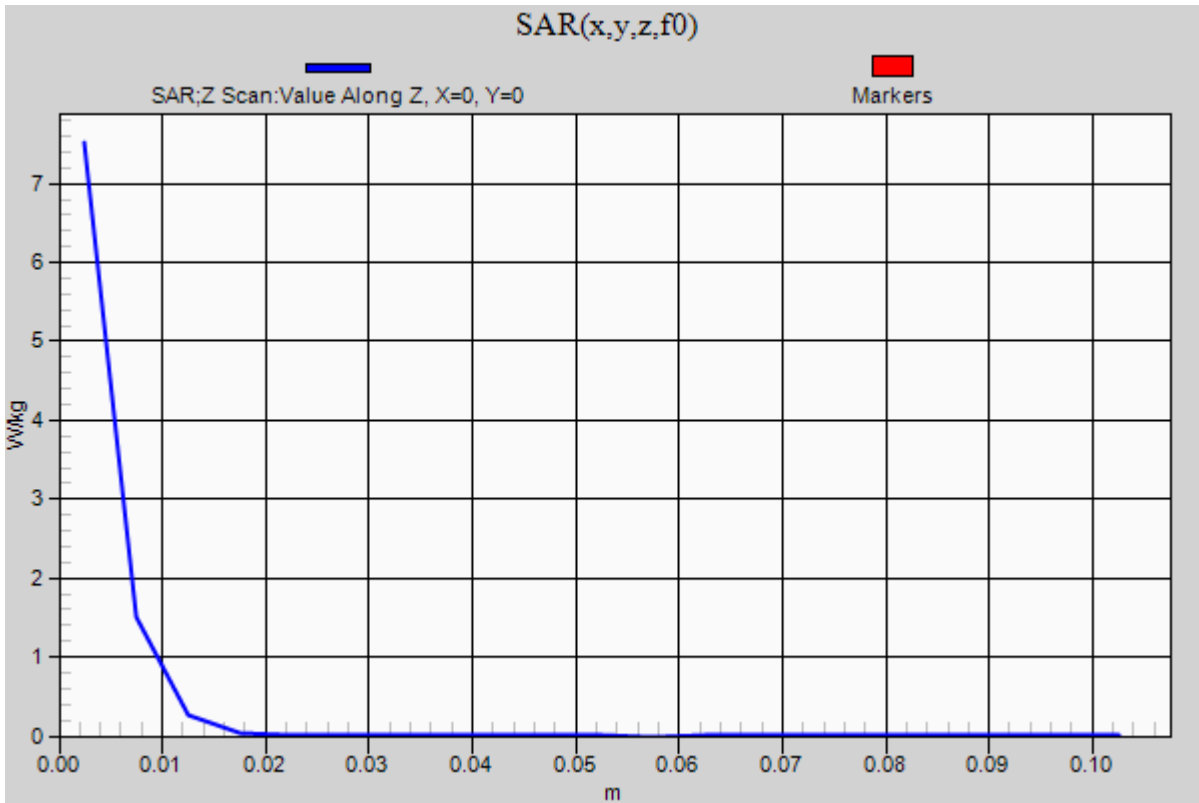


0 dB = 17.6 W/kg = 24.91 dB W/kg

20130906_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5800 MHz; Duty Cycle: 1:1

Body/5.8 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 7.52 W/kg



20130910_SystemPerformanceCheck-D2450V2 SN 748

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.986$ mho/m; $\epsilon_r = 50.911$; $\rho = 1000$ 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 Sn1239; Calibrated: 4/9/2013
- Probe: EX3DV4 - SN3749; ConvF(6.62, 6.62, 6.62); Calibrated: 1/15/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

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

Reference Value = 59.427 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 4.89 mW/g; SAR(10 g) = 2.14 mW/g

Maximum value of SAR (interpolated) = 7.14 W/kg

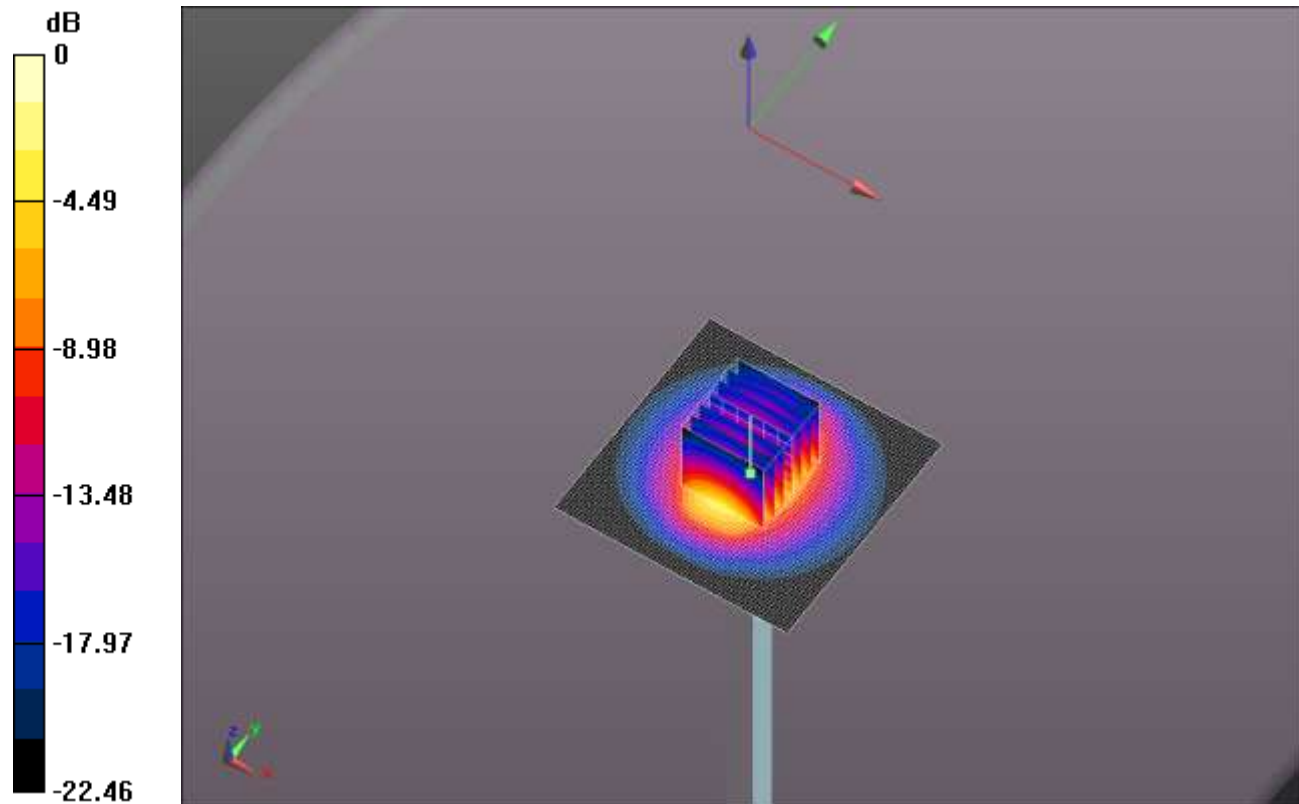
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 59.427 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 10.347 mW/g

SAR(1 g) = 4.89 mW/g; SAR(10 g) = 2.24 mW/g

Maximum value of SAR (measured) = 6.95 W/kg

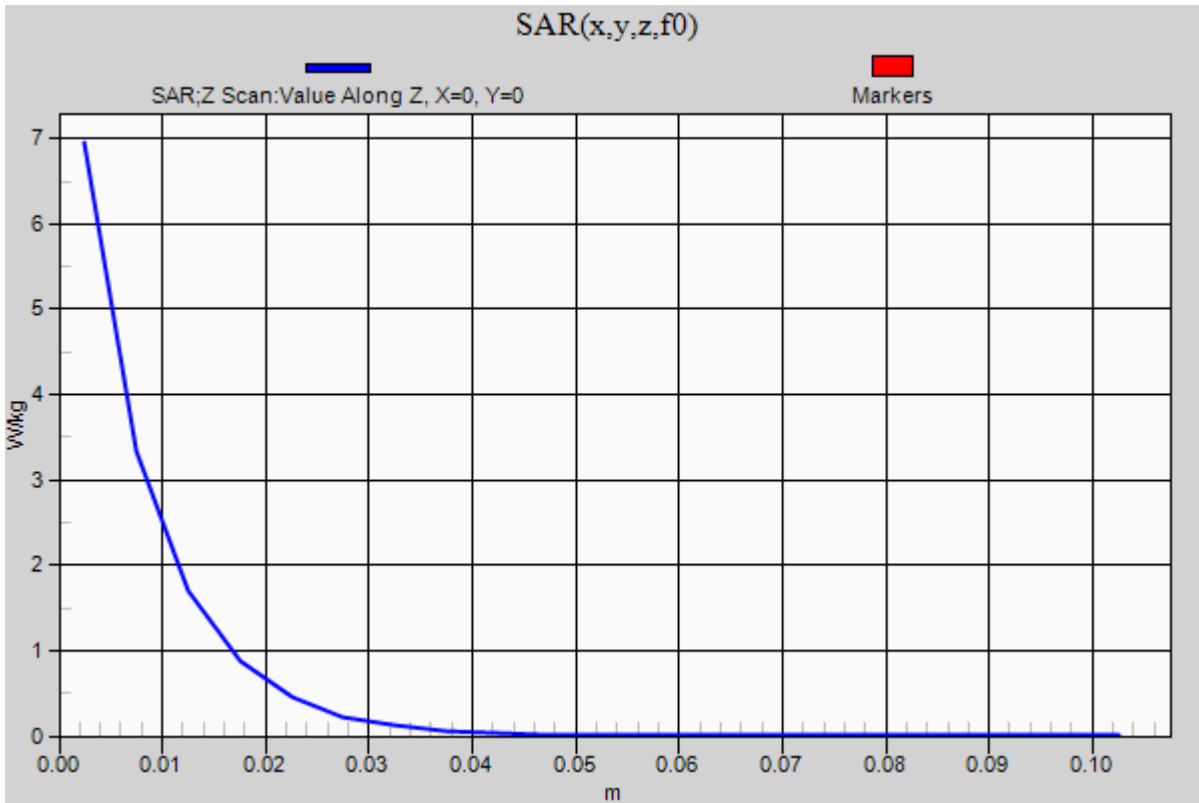


0 dB = 6.95 W/kg = 16.84 dB W/kg

20130910_SystemPerformanceCheck-D2450V2 SN 748

Frequency: 2450 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) = 6.95 W/kg



20130910SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.169$ mho/m; $\epsilon_r = 49.031$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/9/2013
- Probe: EX3DV4 - SN3751; ConvF(4.26, 4.26, 4.26); Calibrated: 11/15/2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/5.2 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 50.077 V/m; Power Drift = 0.19 dB

Fast SAR: SAR(1 g) = 7.14 mW/g; SAR(10 g) = 2.01 mW/g

Maximum value of SAR (interpolated) = 18.3 W/kg

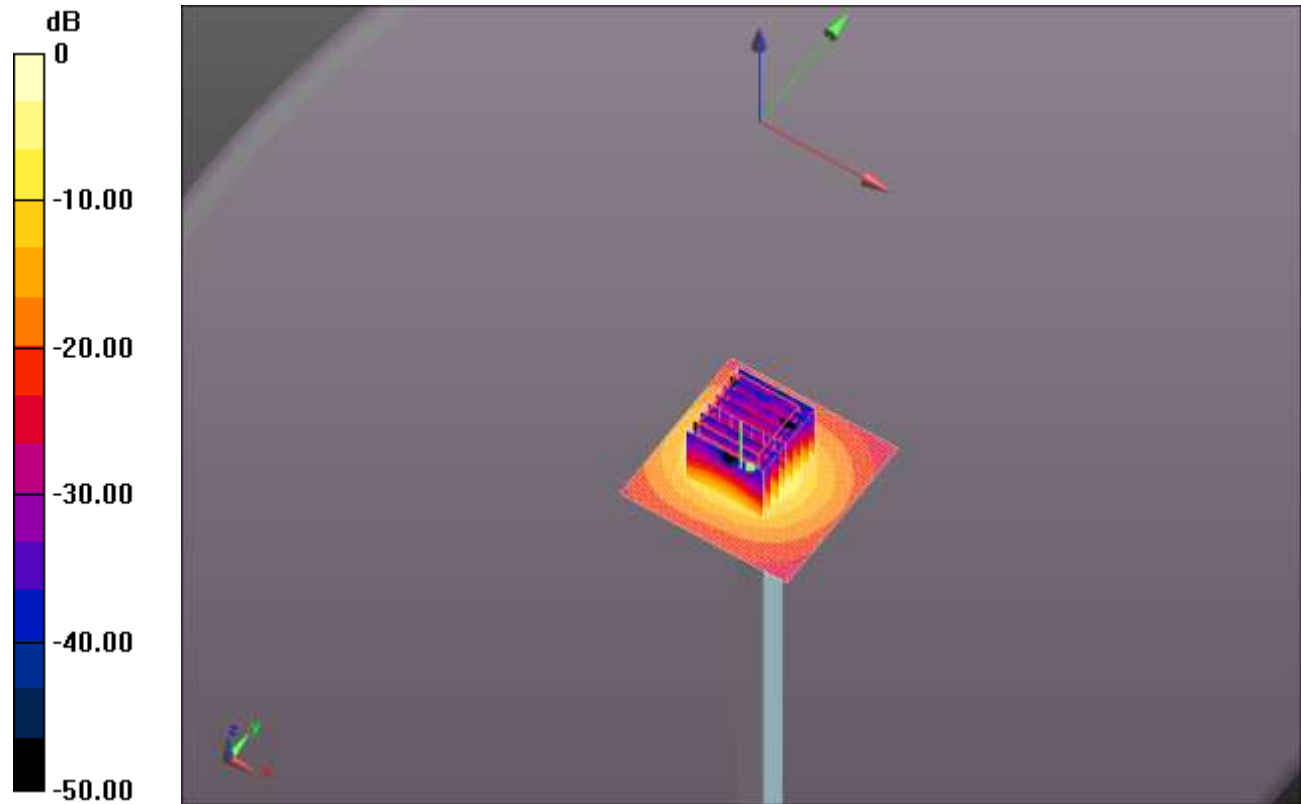
Body/5.2 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.077 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 32.286 mW/g

SAR(1 g) = 7.69 mW/g; SAR(10 g) = 2.15 mW/g

Maximum value of SAR (measured) = 18.4 W/kg

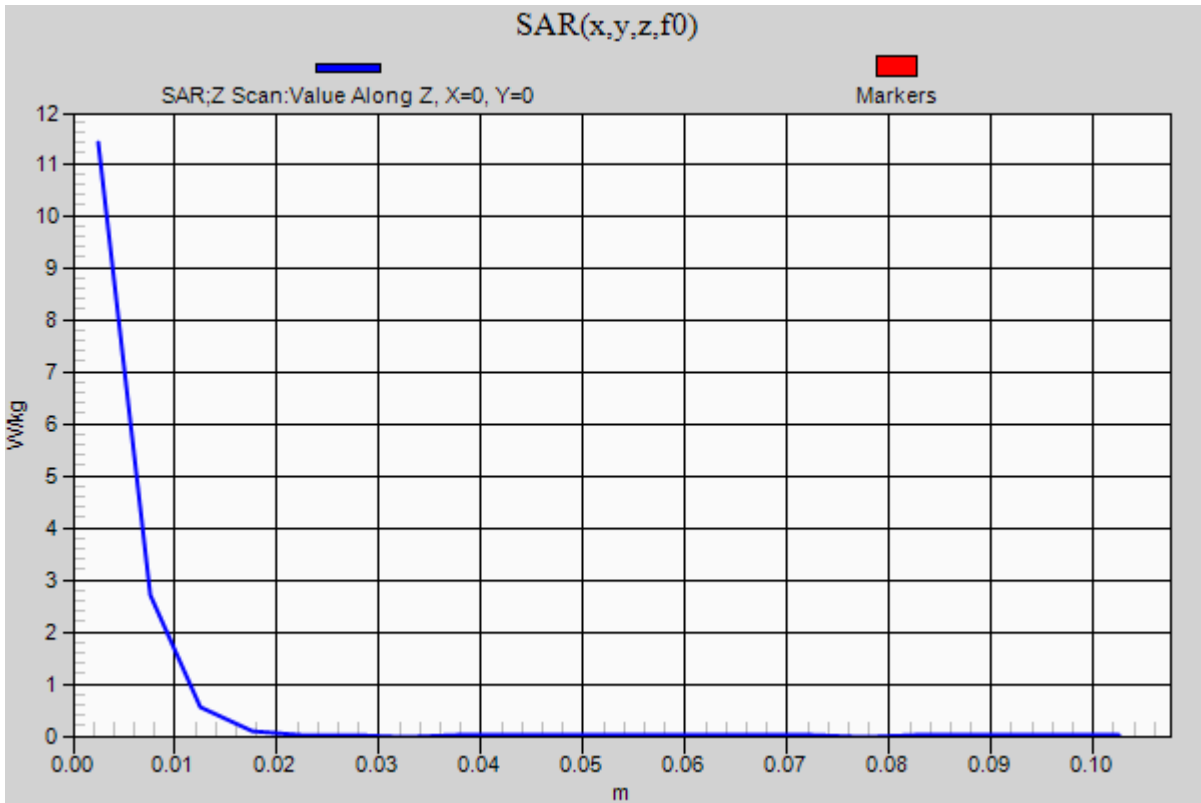


0 dB = 18.4 W/kg = 25.30 dB W/kg

20130910SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5200 MHz; Duty Cycle: 1:1

Body/5.2 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 11.4 W/kg



20130910SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.589$ mho/m; $\epsilon_r = 48.51$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/9/2013
- Probe: EX3DV4 - SN3751; ConvF(3.69, 3.69, 3.69); Calibrated: 11/15/2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/5.5 GHz, Pin=100mW 2/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 49.815 V/m; Power Drift = 0.21 dB

Fast SAR: SAR(1 g) = 7.33 mW/g; SAR(10 g) = 2.05 mW/g

Maximum value of SAR (interpolated) = 19.4 W/kg

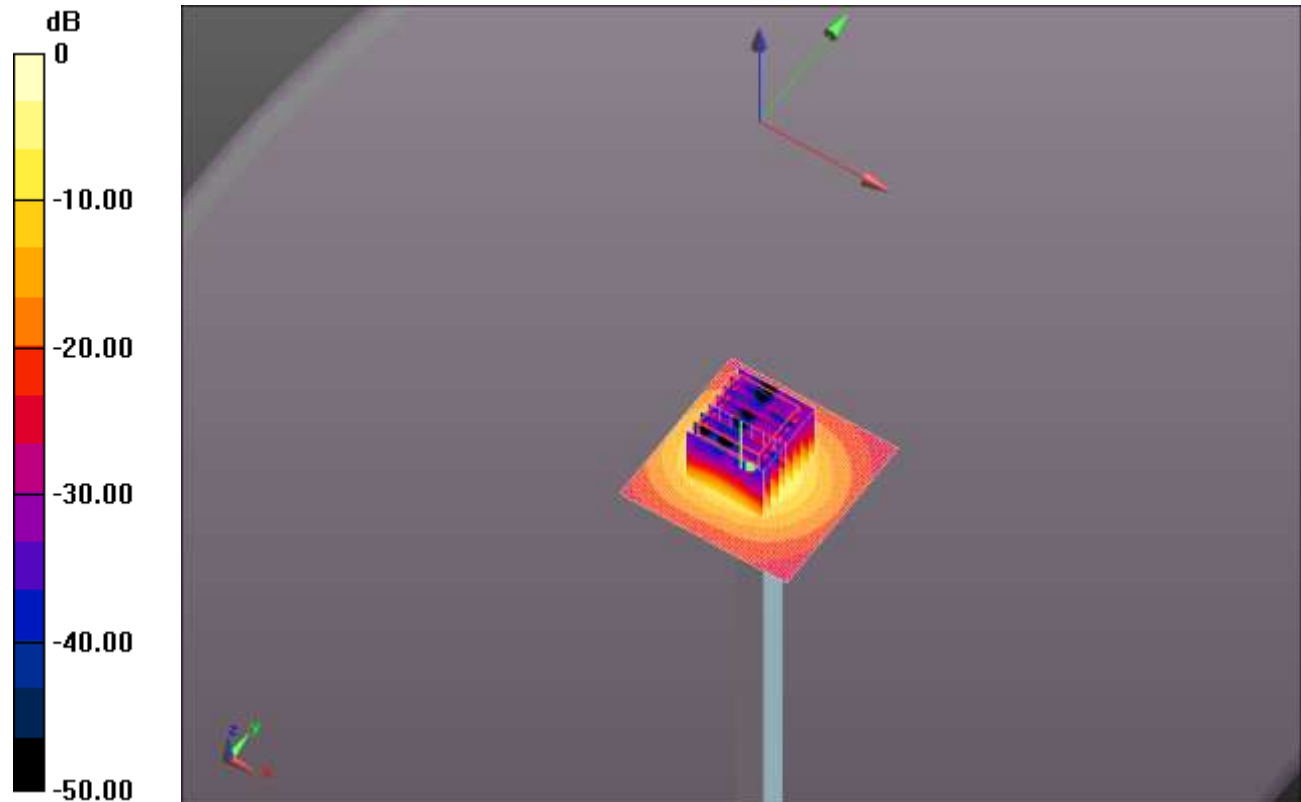
Body/5.5 GHz, Pin=100mW 2/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.815 V/m; Power Drift = 0.21 dB

Peak SAR (extrapolated) = 34.888 mW/g

SAR(1 g) = 8.12 mW/g; SAR(10 g) = 2.27 mW/g

Maximum value of SAR (measured) = 19.7 W/kg

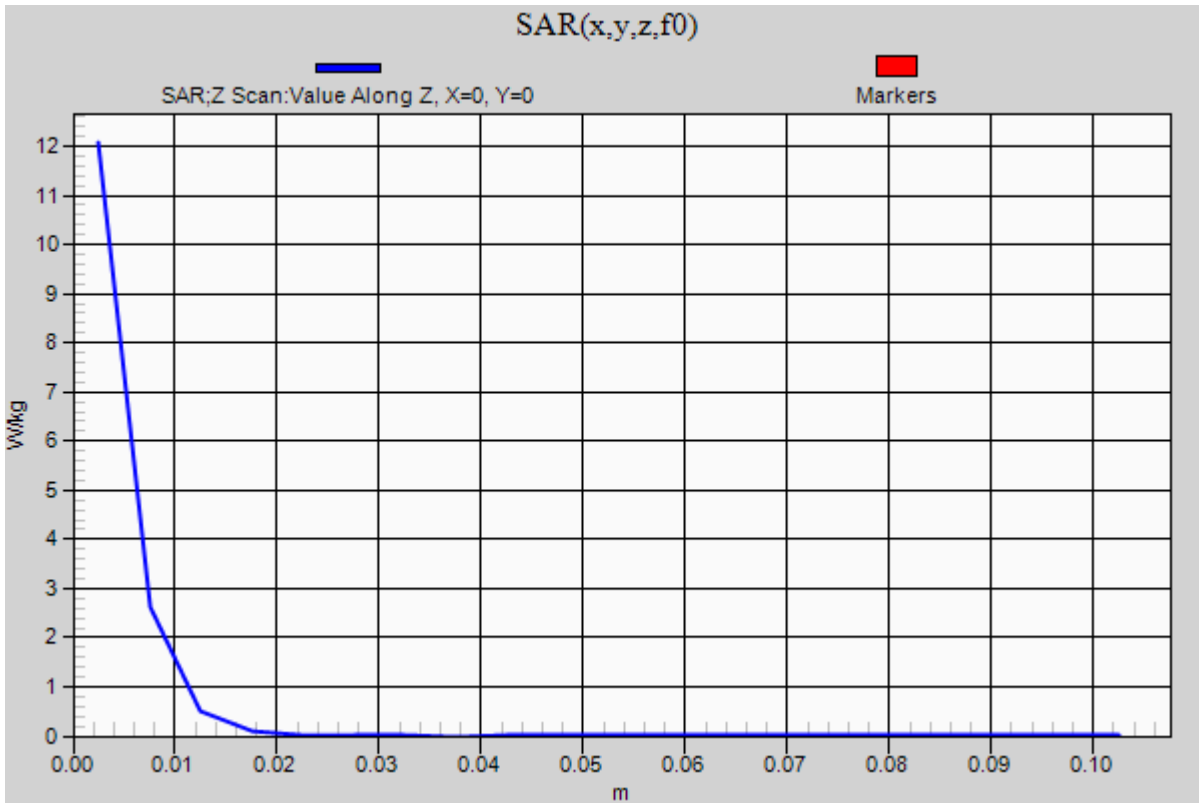


0 dB = 19.7 W/kg = 25.89 dB W/kg

20130910SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5500 MHz; Duty Cycle: 1:1

Body/5.5 GHz, Pin=100mW 2/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 12.1 W/kg



20130910SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.674$ mho/m; $\epsilon_r = 48.223$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/9/2013
- Probe: EX3DV4 - SN3751; ConvF(3.63, 3.63, 3.63); Calibrated: 11/15/2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/5.6 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 49.484 V/m; Power Drift = 0.19 dB

Fast SAR: SAR(1 g) = 7.74 mW/g; SAR(10 g) = 2.16 mW/g

Maximum value of SAR (interpolated) = 20.7 W/kg

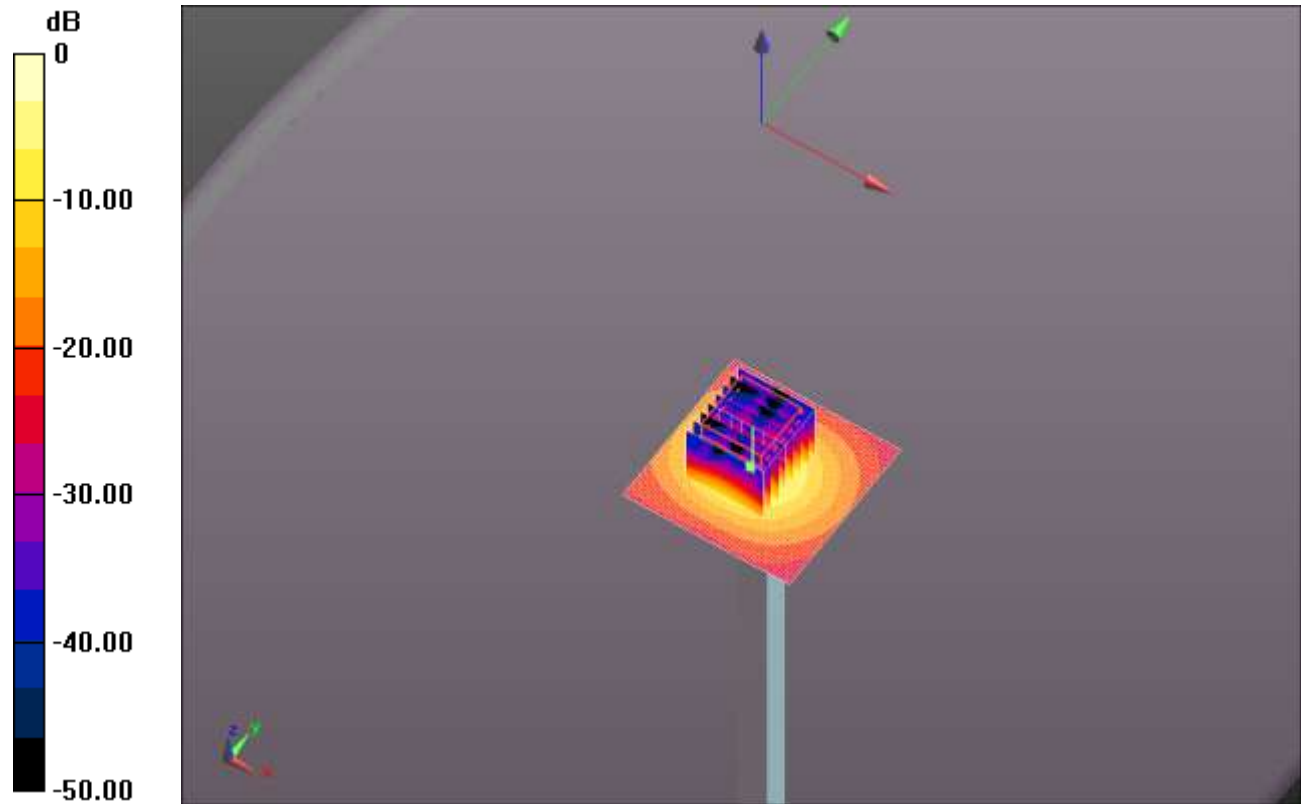
Body/5.6 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.484 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 38.284 mW/g

SAR(1 g) = 8.42 mW/g; SAR(10 g) = 2.34 mW/g

Maximum value of SAR (measured) = 20.3 W/kg

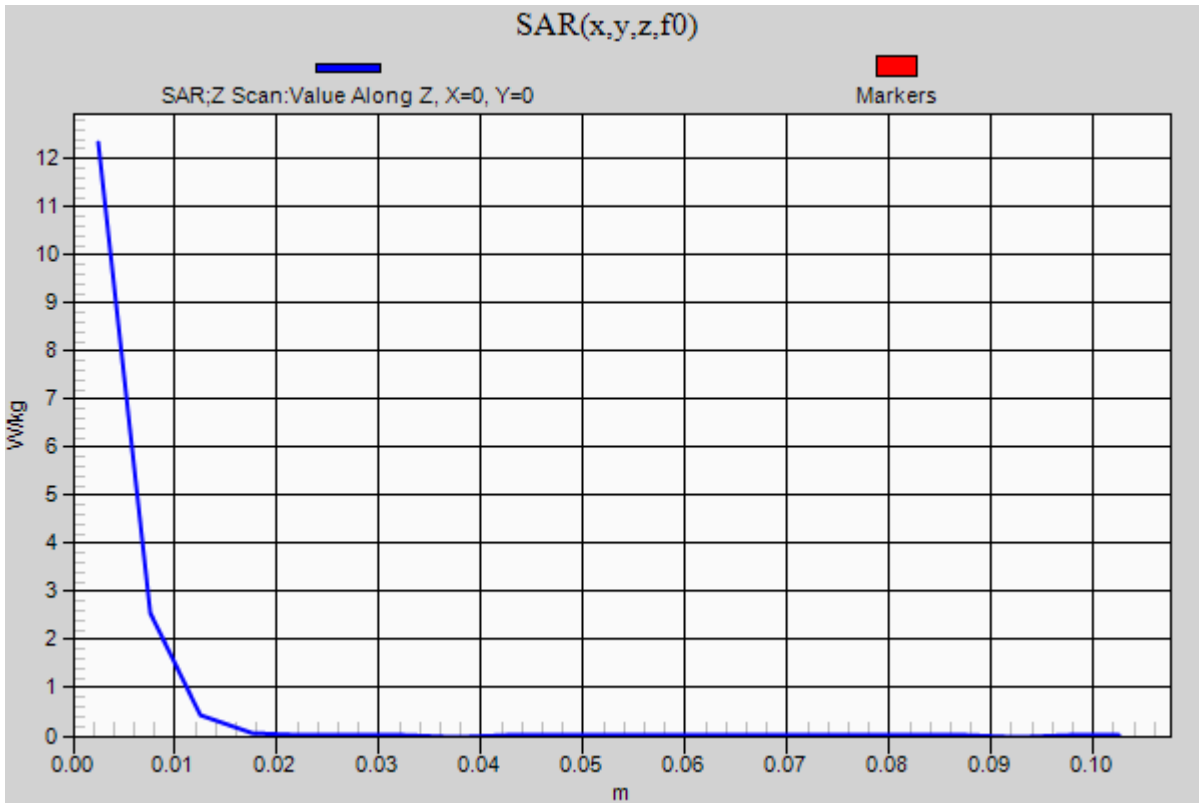


0 dB = 20.3 W/kg = 26.15 dB W/kg

20130910SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5600 MHz; Duty Cycle: 1:1

Body/5.6 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 12.3 W/kg



20130910SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.958$ mho/m; $\epsilon_r = 48.362$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/9/2013
- Probe: EX3DV4 - SN3751; ConvF(3.88, 3.88, 3.88); Calibrated: 11/15/2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/5.8 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 45.380 V/m; Power Drift = 0.12 dB

Fast SAR: SAR(1 g) = 6.43 mW/g; SAR(10 g) = 1.81 mW/g

Maximum value of SAR (interpolated) = 17.5 W/kg

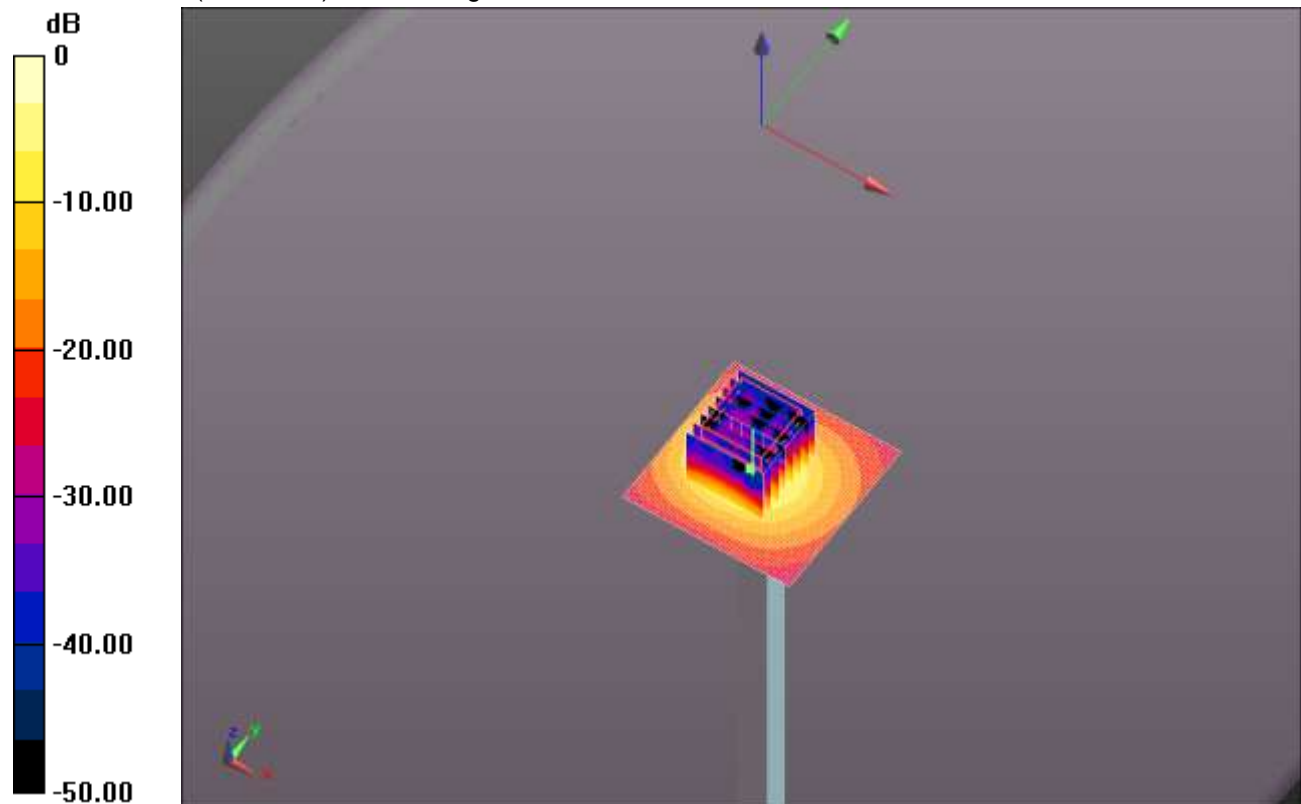
Body/5.8 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 45.380 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 32.936 mW/g

SAR(1 g) = 7.1 mW/g; SAR(10 g) = 1.98 mW/g

Maximum value of SAR (measured) = 17.3 W/kg

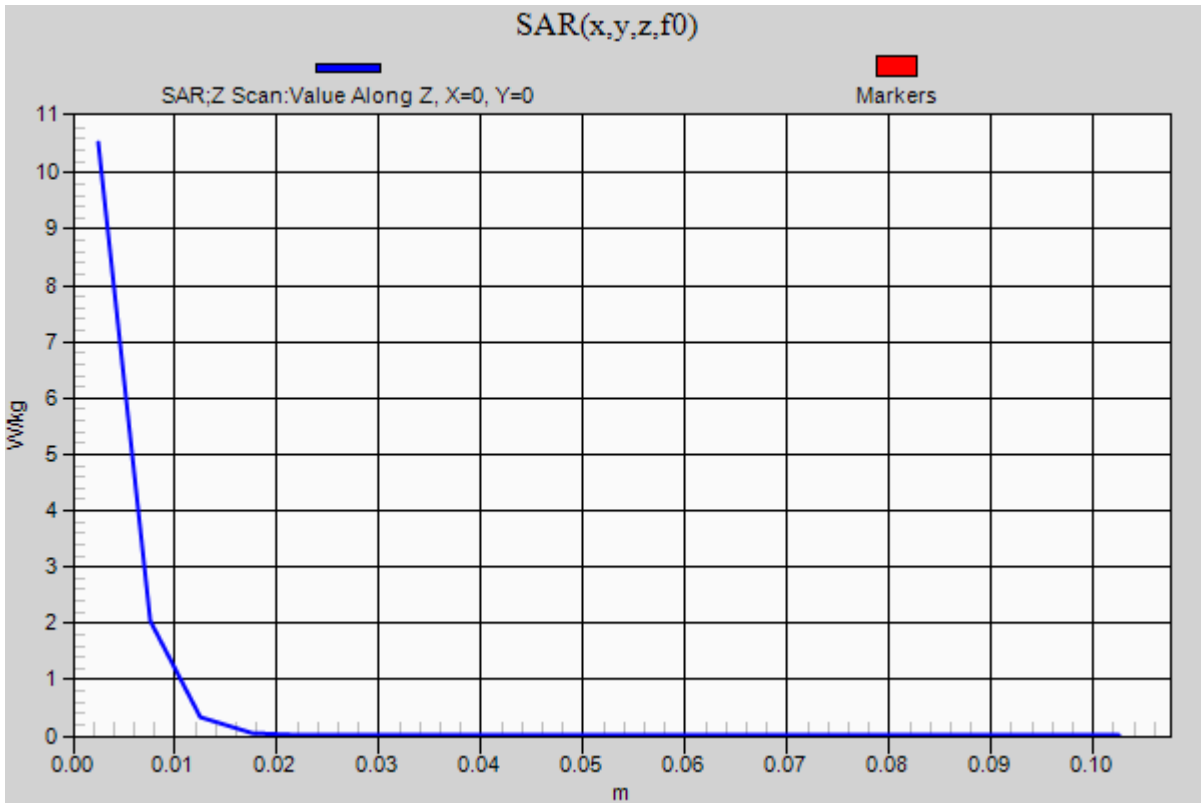


0 dB = 17.3 W/kg = 24.76 dB W/kg

20130910SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5800 MHz; Duty Cycle: 1:1

Body/5.8 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 10.5 W/kg



20130910_SystemPerformanceCheck-D2450V2 SN 748

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

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 50.911$; $\rho = 1000$ 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 Sn1239; Calibrated: 4/9/2013
- Probe: EX3DV4 - SN3749; ConvF(6.62, 6.62, 6.62); Calibrated: 1/15/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

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

Reference Value = 59.427 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 4.89 W/kg; SAR(10 g) = 2.14 W/kg

Maximum value of SAR (interpolated) = 7.14 W/kg

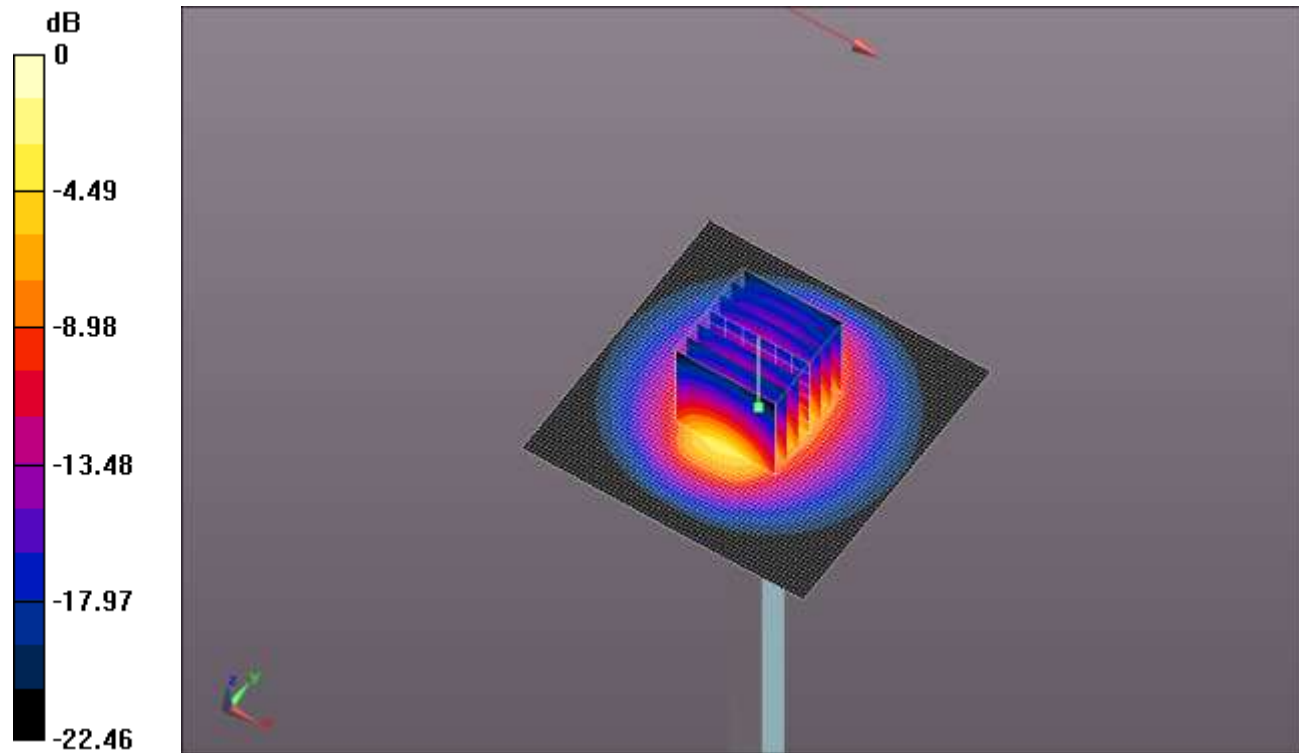
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 59.427 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 10.3 W/kg

SAR(1 g) = 4.89 W/kg; SAR(10 g) = 2.24 W/kg

Maximum value of SAR (measured) = 6.95 W/kg

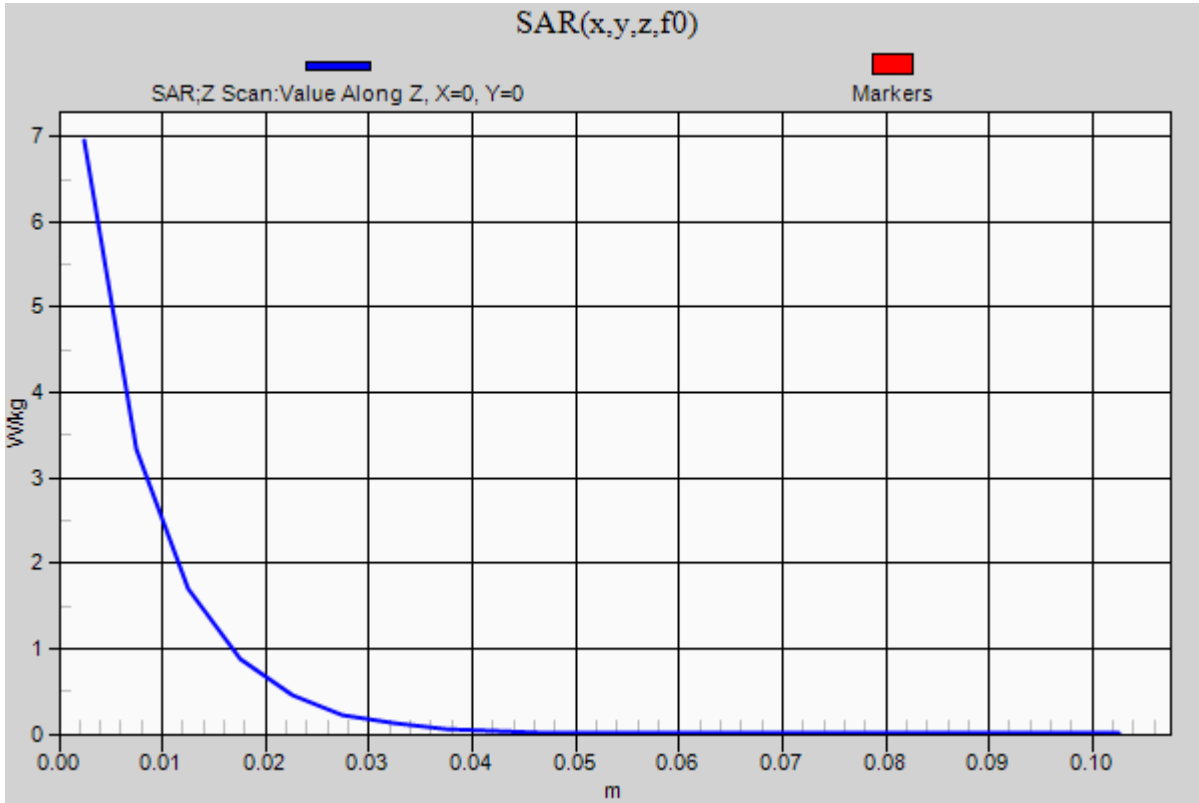


0 dB = 6.95 W/kg = 8.42 dBW/kg

20130910_SystemPerformanceCheck-D2450V2 SN 748

Frequency: 2450 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) = 6.95 W/kg



20130916_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.976$ S/m; $\epsilon_r = 46.455$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/9/2013
- Probe: EX3DV4 - SN3751; ConvF(3.63, 3.63, 3.63); Calibrated: 11/15/2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/5.6 GHz, Pin=100mW 2/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 35.188 V/m; Power Drift = 0.23 dB

Fast SAR: SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.17 W/kg

Maximum value of SAR (interpolated) = 22.2 W/kg

Body/5.6 GHz, Pin=100mW 2/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,

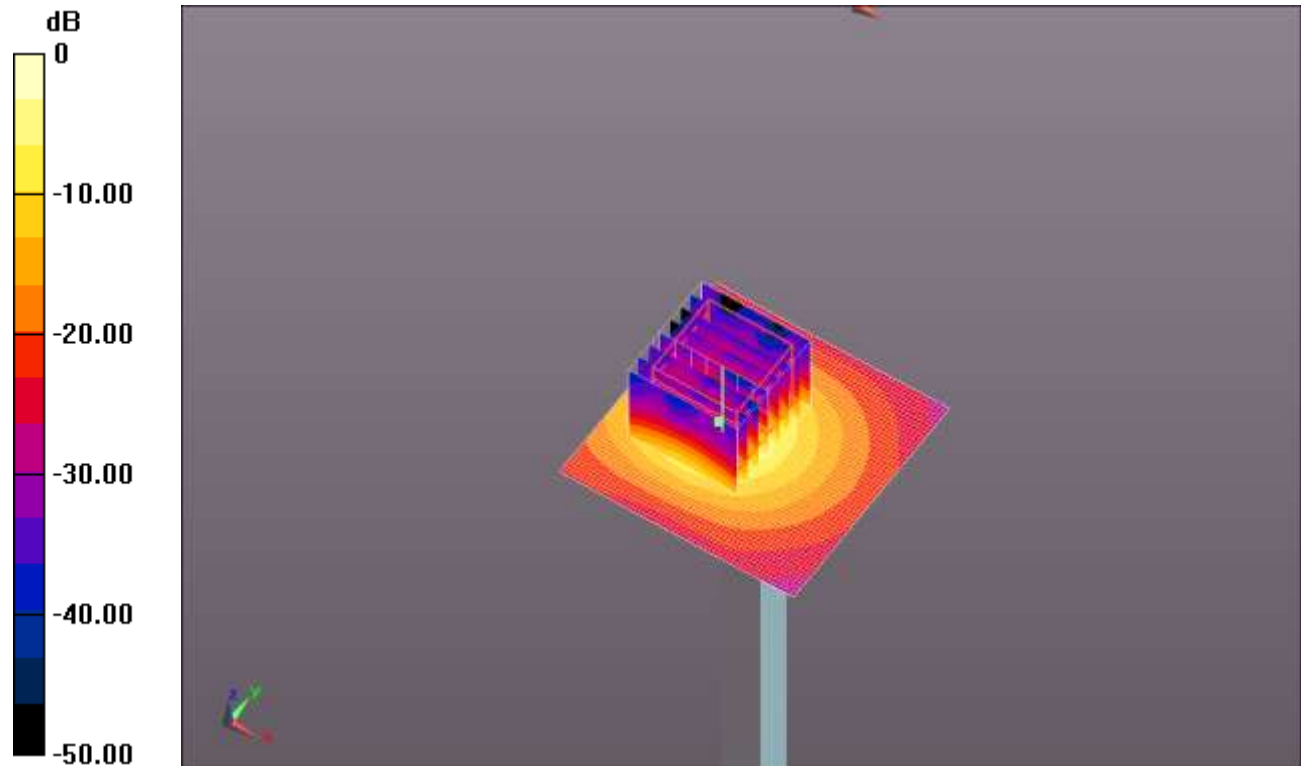
dz=1.4mm

Reference Value = 35.188 V/m; Power Drift = 0.23 dB

Peak SAR (extrapolated) = 38.5 W/kg

SAR(1 g) = 8.51 W/kg; SAR(10 g) = 2.37 W/kg

Maximum value of SAR (measured) = 21.5 W/kg

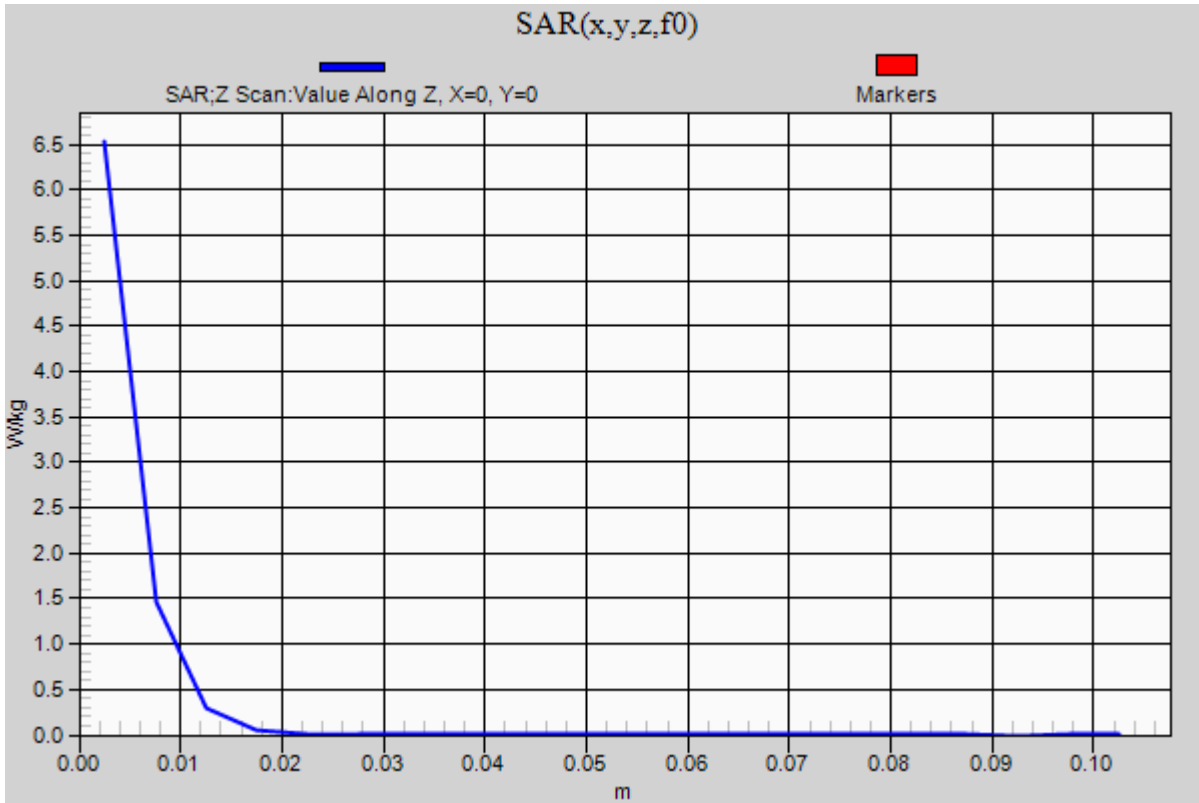


0 dB = 21.5 W/kg = 13.32 dBW/kg

20130916_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5600 MHz; Duty Cycle: 1:1

Body/5.6 GHz, Pin=100mW 2/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 6.53 W/kg



20130916_SystemPerformanceCheck-D2450V2 SN 748

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.935 \text{ S/m}$; $\epsilon_r = 51.569$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1239; Calibrated: 4/9/2013
- Probe: EX3DV4 - SN3749; ConvF(6.62, 6.62, 6.62); Calibrated: 1/15/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Body/Pin=100 mW/Area Scan (71x71x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Reference Value = 64.237 V/m; Power Drift = -0.18 dB

Fast SAR: SAR(1 g) = 5.72 W/kg; SAR(10 g) = 2.49 W/kg

Maximum value of SAR (interpolated) = 8.39 W/kg

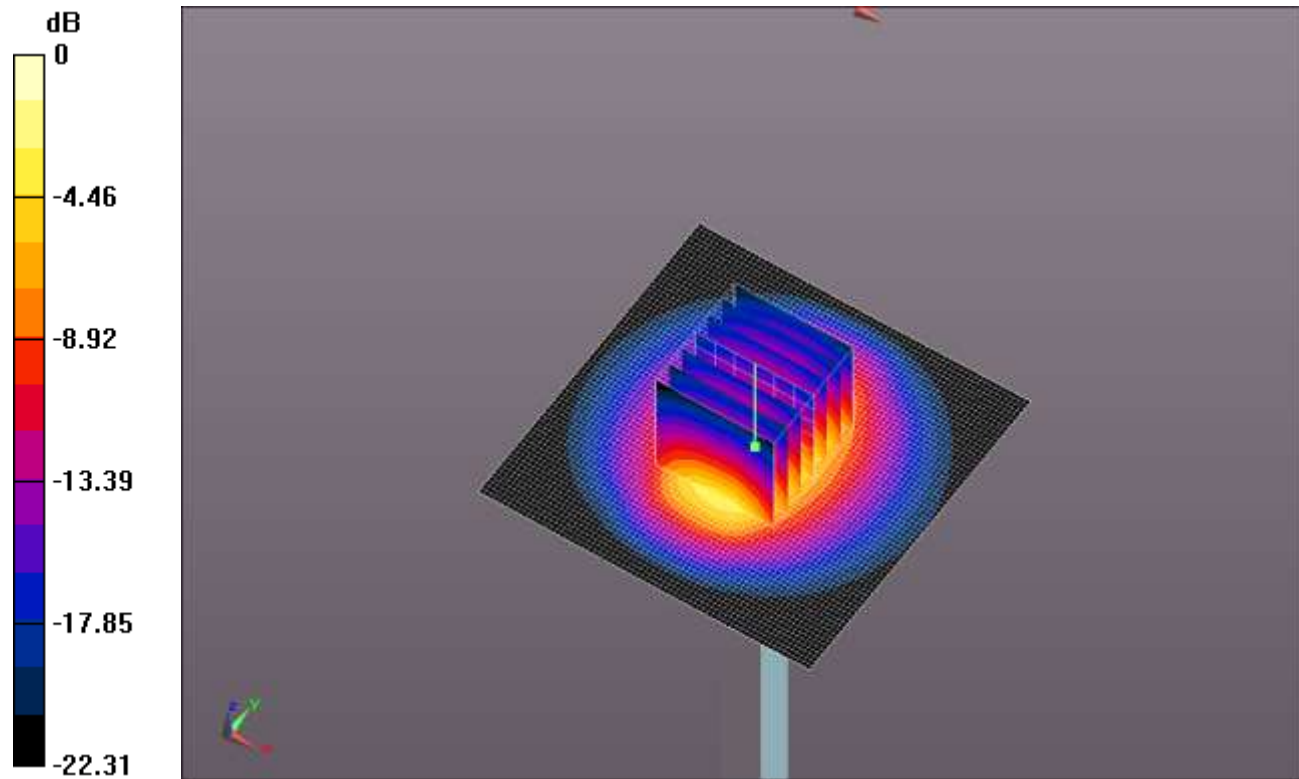
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 64.237 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 5.45 W/kg; SAR(10 g) = 2.55 W/kg

Maximum value of SAR (measured) = 7.54 W/kg

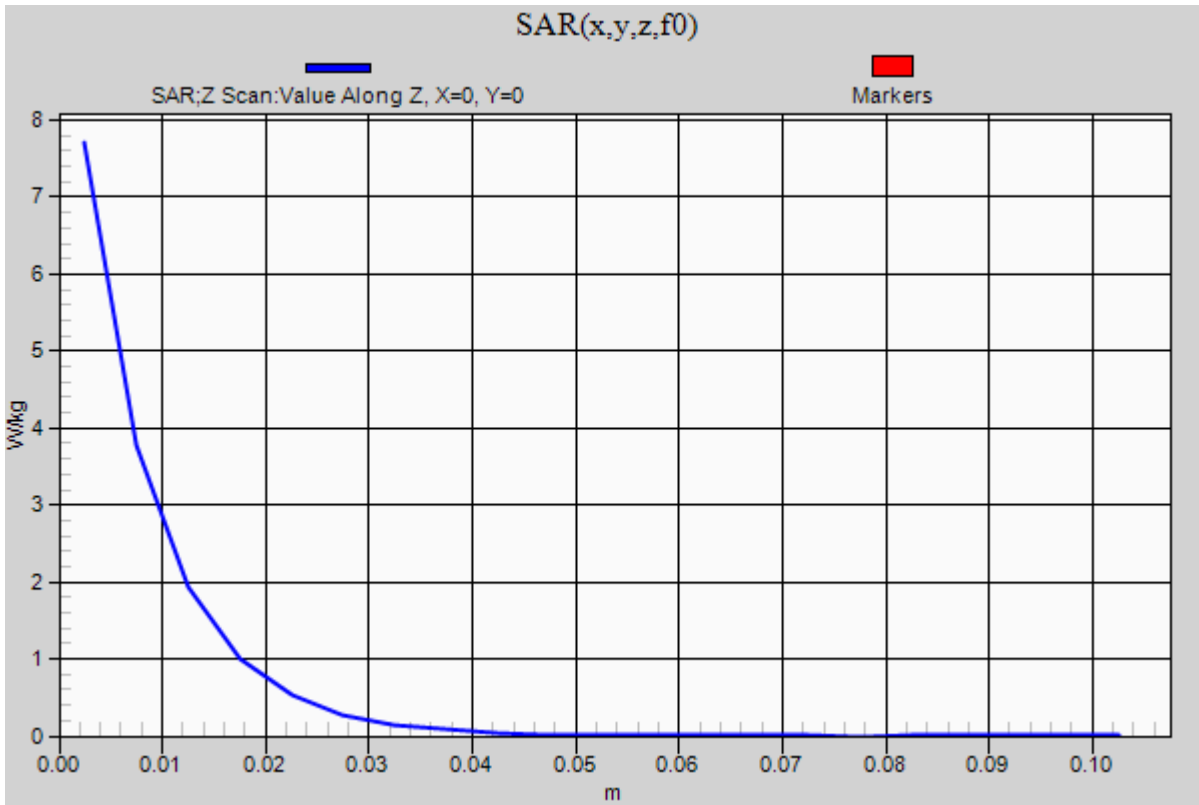


0 dB = 7.54 W/kg = 8.77 dBW/kg

20130916_SystemPerformanceCheck-D2450V2 SN 748

Frequency: 2450 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) = 7.71 W/kg



20130916_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.415$ S/m; $\epsilon_r = 47.073$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/9/2013
- Probe: EX3DV4 - SN3751; ConvF(4.26, 4.26, 4.26); Calibrated: 11/15/2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/5.2 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 49.494 V/m; Power Drift = 0.39 dB

Fast SAR: SAR(1 g) = 7.85 W/kg; SAR(10 g) = 2.21 W/kg

Maximum value of SAR (interpolated) = 20.0 W/kg

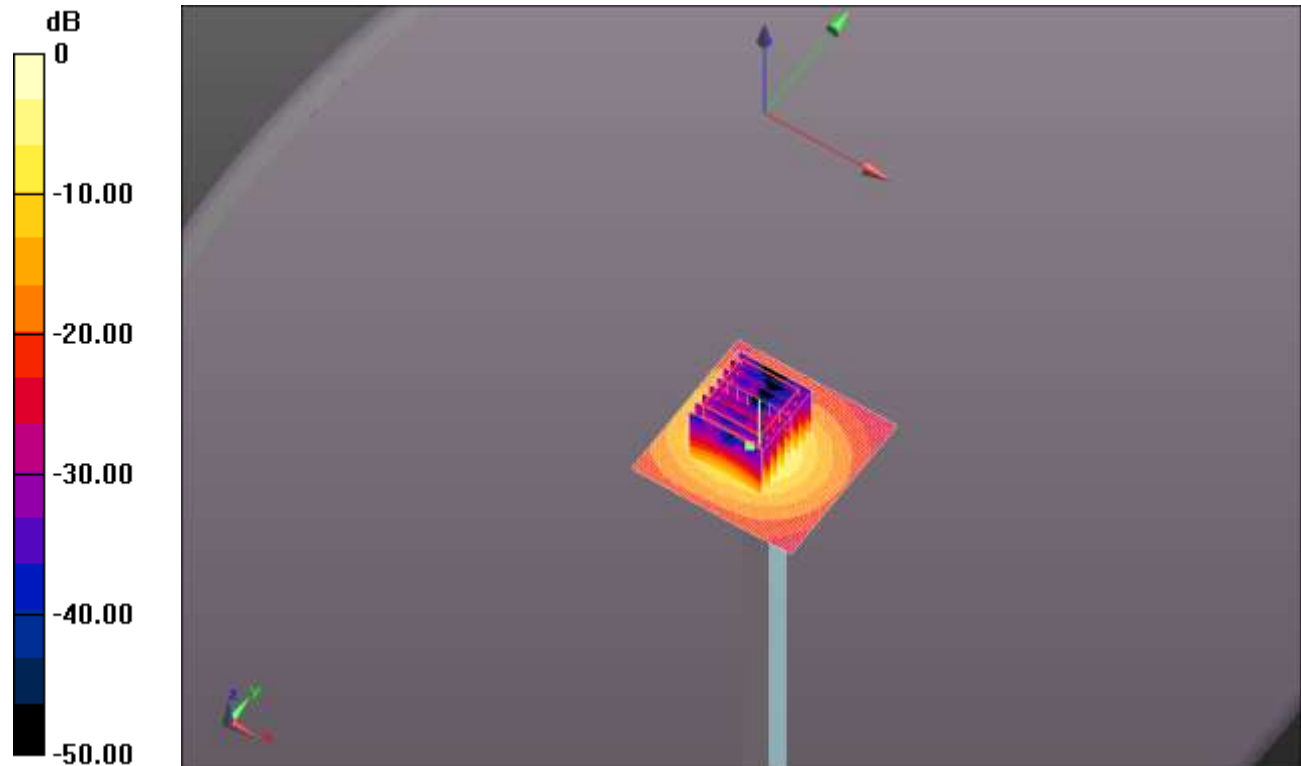
Body/5.2 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.494 V/m; Power Drift = 0.39 dB

Peak SAR (extrapolated) = 34.9 W/kg

SAR(1 g) = 8.32 W/kg; SAR(10 g) = 2.33 W/kg

Maximum value of SAR (measured) = 19.7 W/kg



0 dB = 19.7 W/kg = 12.94 dBW/kg

20130916_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5200 MHz; Duty Cycle: 1:1

Body/5.2 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 11.5 W/kg

