

20130611_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; $\sigma = 5.273$ S/m; $\epsilon_r = 48.152$; $\rho = 1000$ 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: 08.02.2013
- Probe: EX3DV4 - SN3773; ConvF(4.39, 4.39, 4.39); Calibrated: 26.04.2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx

Body/5.2 GHz, Pin=100mW 20130607/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 49.577 V/m; Power Drift = -0.05 dB

Fast SAR: SAR(1 g) = 7.08 W/kg; SAR(10 g) = 1.97 W/kg

Maximum value of SAR (interpolated) = 18.1 W/kg

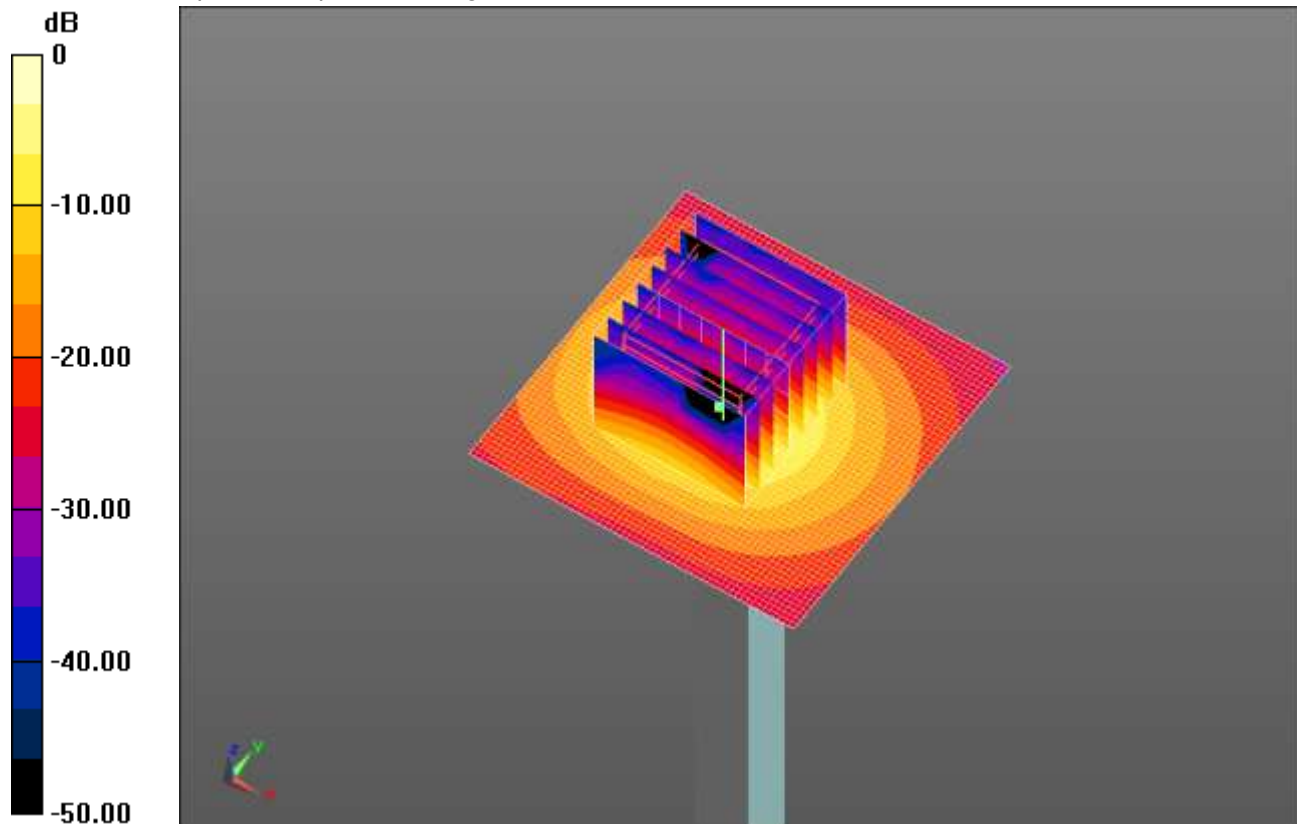
Body/5.2 GHz, Pin=100mW 20130607/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.577 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 32.1 W/kg

SAR(1 g) = 7.51 W/kg; SAR(10 g) = 2.1 W/kg

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



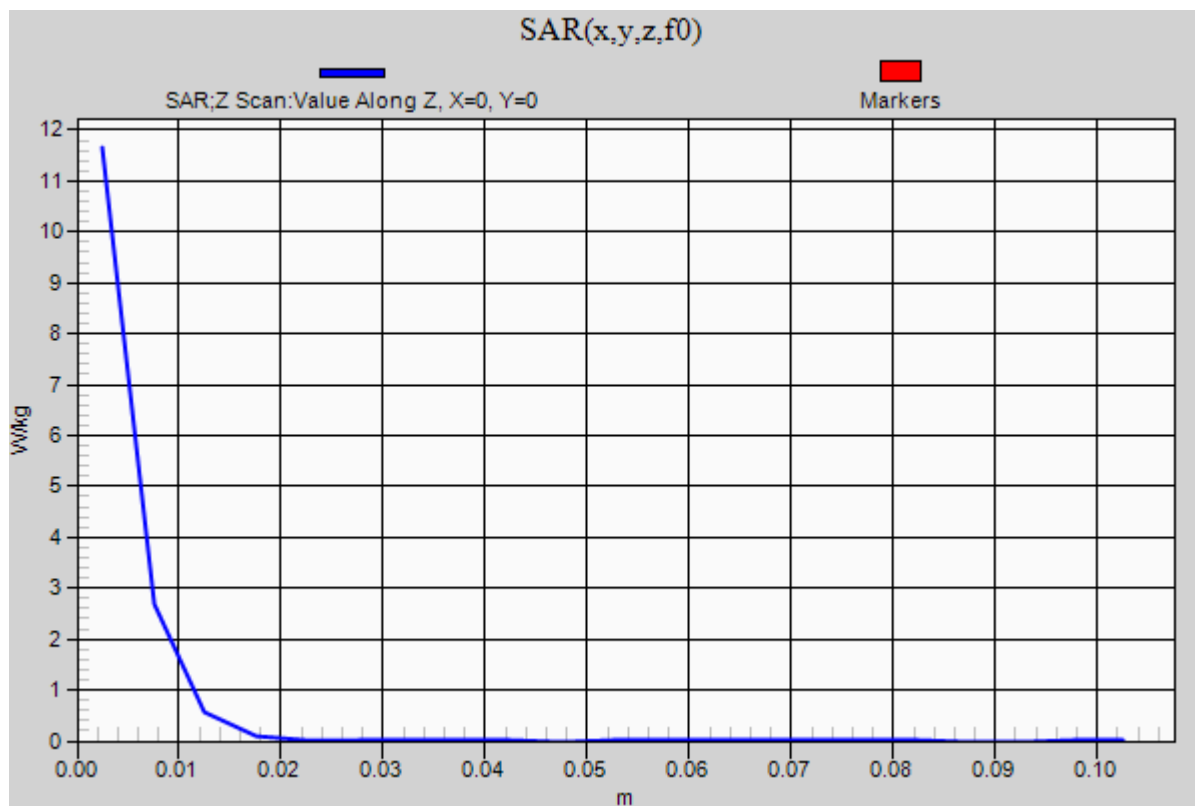
0 dB = 17.5 W/kg = 12.43 dBW/kg

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Frequency: 5200 MHz; Duty Cycle: 1:1

Body/5.2 GHz, Pin=100mW 20130607/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 11.7 W/kg



20130611_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; $\sigma = 5.677$ S/m; $\epsilon_r = 47.647$; $\rho = 1000$ 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: 08.02.2013
- Probe: EX3DV4 - SN3773; ConvF(3.87, 3.87, 3.87); Calibrated: 26.04.2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx

Body/5.5 GHz, Pin=100mW 20130611/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 52.377 V/m; Power Drift = -0.06 dB

Fast SAR: SAR(1 g) = 7.45 W/kg; SAR(10 g) = 2.03 W/kg

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

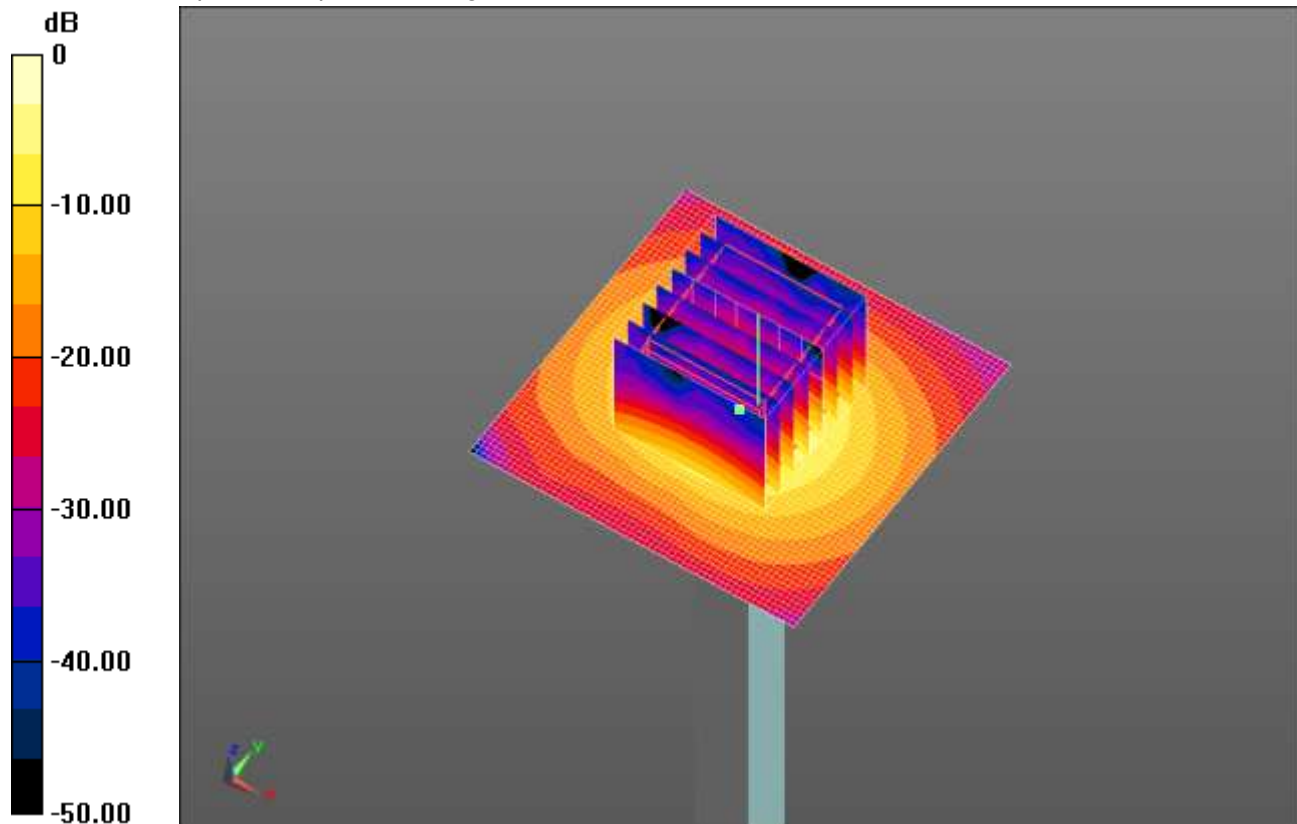
Body/5.5 GHz, Pin=100mW 20130611/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 52.377 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 35.0 W/kg

SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.22 W/kg

Maximum value of SAR (measured) = 18.7 W/kg



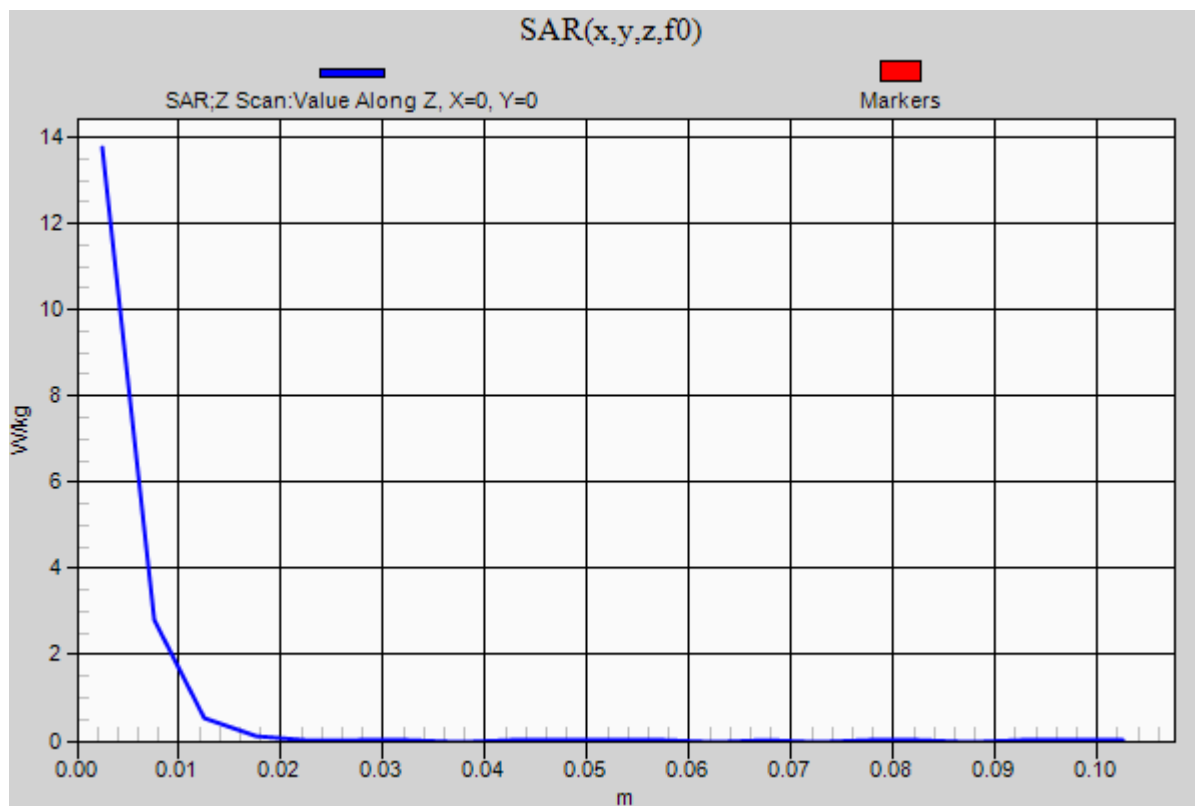
0 dB = 18.7 W/kg = 12.72 dBW/kg

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Frequency: 5500 MHz; Duty Cycle: 1:1

Body/5.5 GHz, Pin=100mW 20130611/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 13.8 W/kg



20130611_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; $\sigma = 6.09$ S/m; $\epsilon_r = 47.143$; $\rho = 1000$ 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: 08.02.2013
- Probe: EX3DV4 - SN3773; ConvF(4.05, 4.05, 4.05); Calibrated: 26.04.2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx

Body/5.8 GHz, Pin=100mW 20130611/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 45.808 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 6.44 W/kg; SAR(10 g) = 1.79 W/kg

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

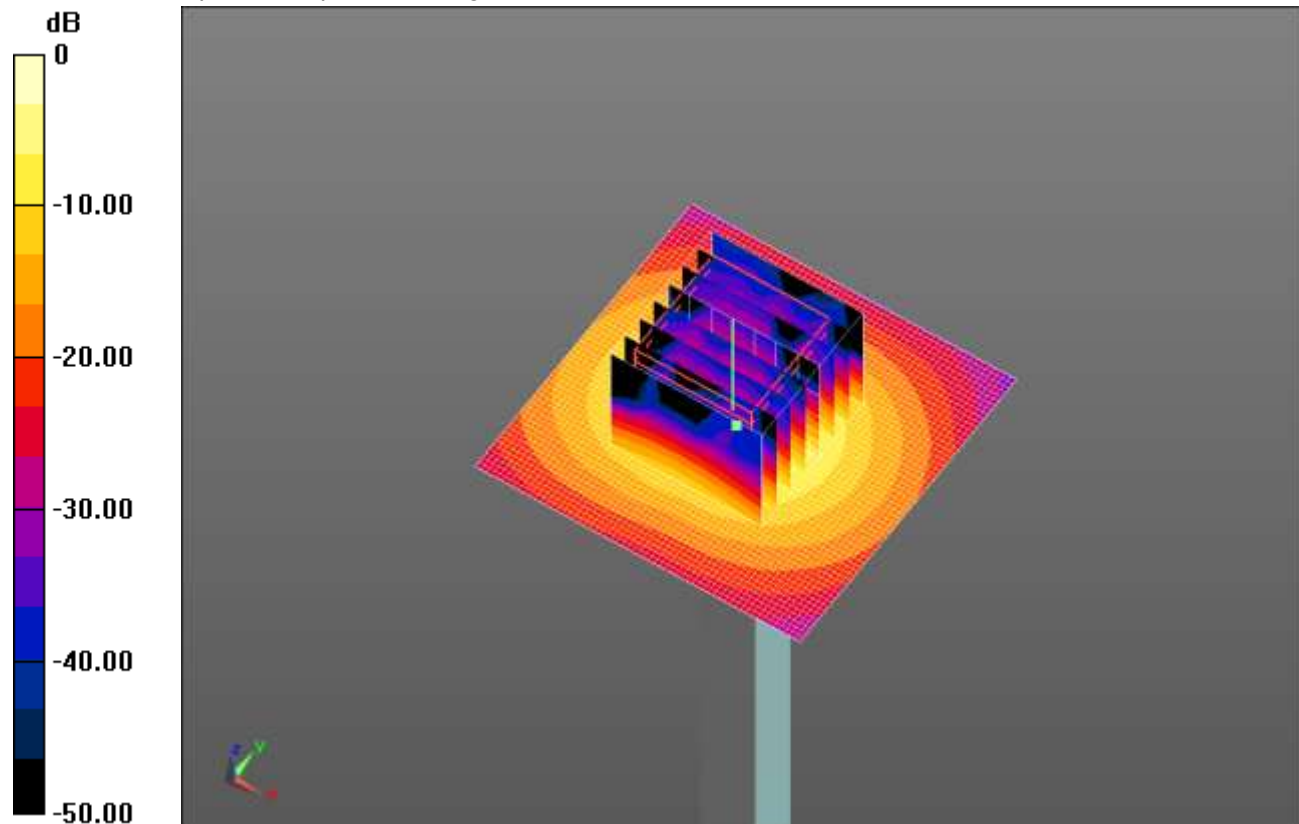
Body/5.8 GHz, Pin=100mW 20130611/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 45.808 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 33.9 W/kg

SAR(1 g) = 6.87 W/kg; SAR(10 g) = 1.93 W/kg

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



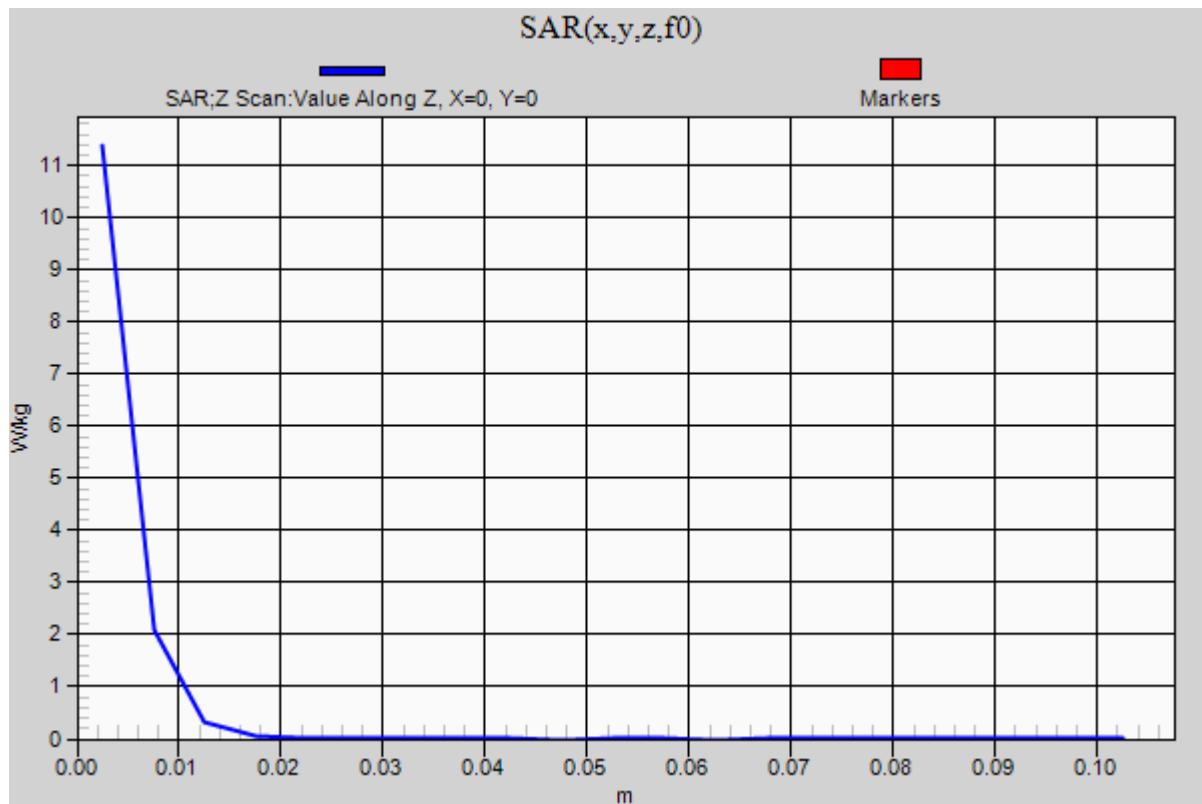
0 dB = 17.3 W/kg = 12.38 dBW/kg

20130611_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5800 MHz; Duty Cycle: 1:1

Body/5.8 GHz, Pin=100mW 20130611/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 11.4 W/kg



20130613_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; $\sigma = 5.13$ S/m; $\epsilon_r = 47.385$; $\rho = 1000$ 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: 08.02.2013
- Probe: EX3DV4 - SN3773; ConvF(4.39, 4.39, 4.39); Calibrated: 26.04.2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx

Body/5.2 GHz, Pin=100mW 20130607/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 50.974 V/m; Power Drift = -0.07 dB

Fast SAR: SAR(1 g) = 6.92 W/kg; SAR(10 g) = 1.89 W/kg

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

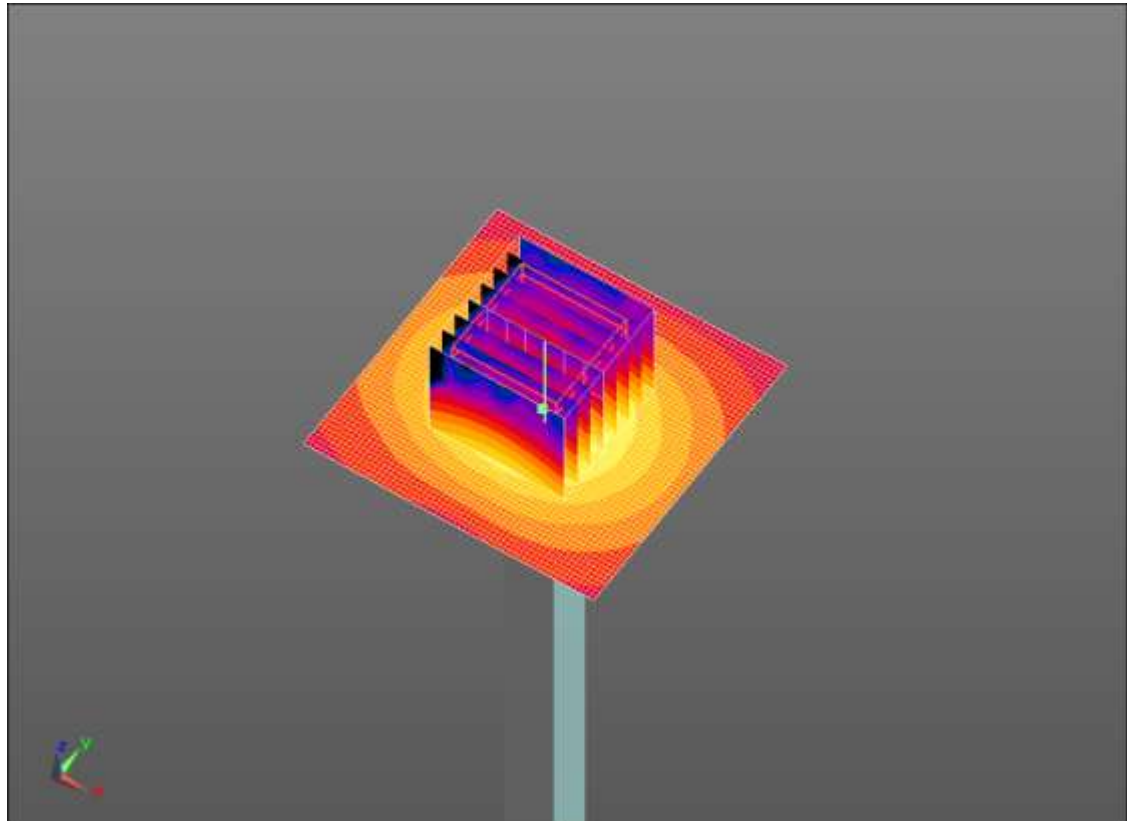
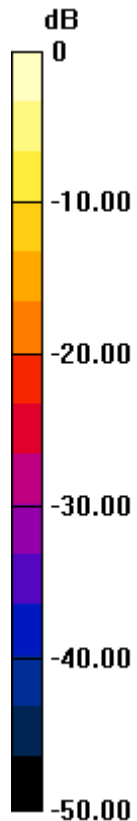
Body/5.2 GHz, Pin=100mW 20130607/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.974 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 31.0 W/kg

SAR(1 g) = 7.08 W/kg; SAR(10 g) = 2 W/kg

Maximum value of SAR (measured) = 16.7 W/kg



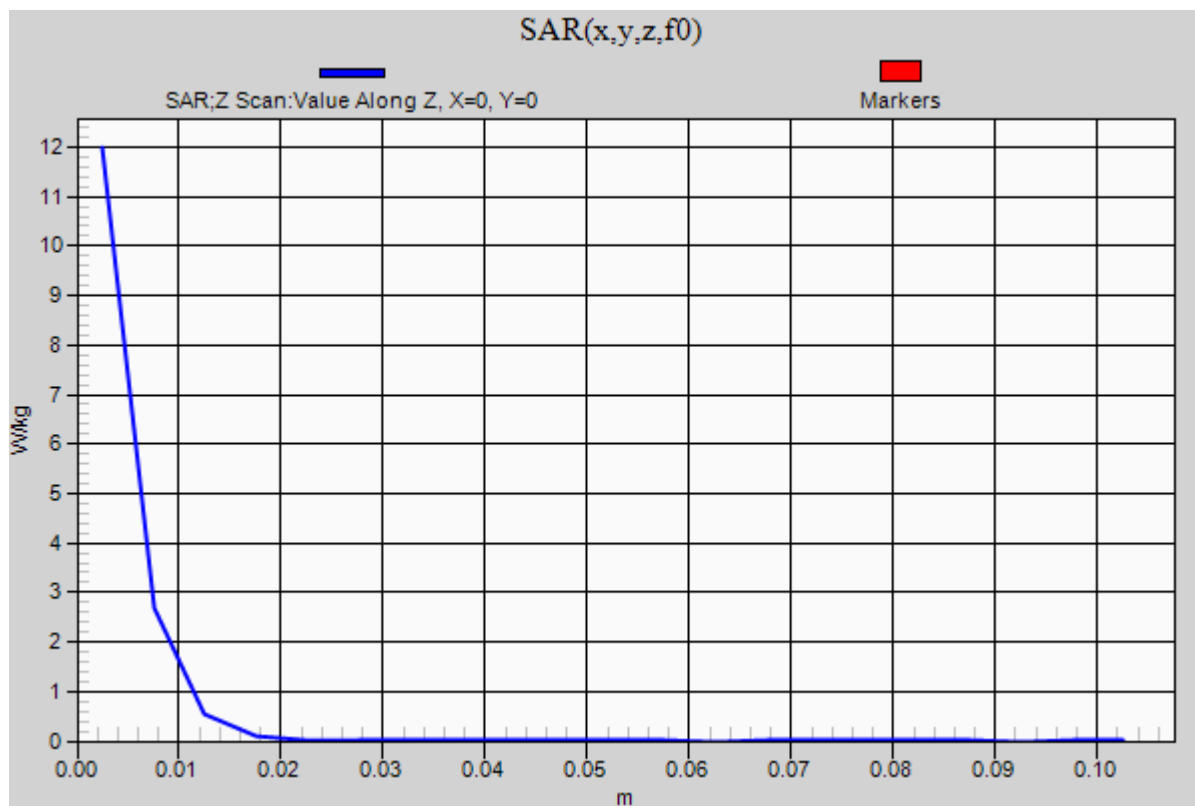
0 dB = 16.7 W/kg = 12.23 dBW/kg

20130613_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5200 MHz; Duty Cycle: 1:1

Body/5.2 GHz, Pin=100mW 20130607/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 12.0 W/kg



20130613_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; $\sigma = 5.486$ S/m; $\epsilon_r = 47.053$; $\rho = 1000$ 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: 08.02.2013
- Probe: EX3DV4 - SN3773; ConvF(3.87, 3.87, 3.87); Calibrated: 26.04.2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx

Body/5.5 GHz, Pin=100mW 20130611/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 51.049 V/m; Power Drift = 0.00 dB

Fast SAR: SAR(1 g) = 6.96 W/kg; SAR(10 g) = 1.92 W/kg

Maximum value of SAR (interpolated) = 18.8 W/kg

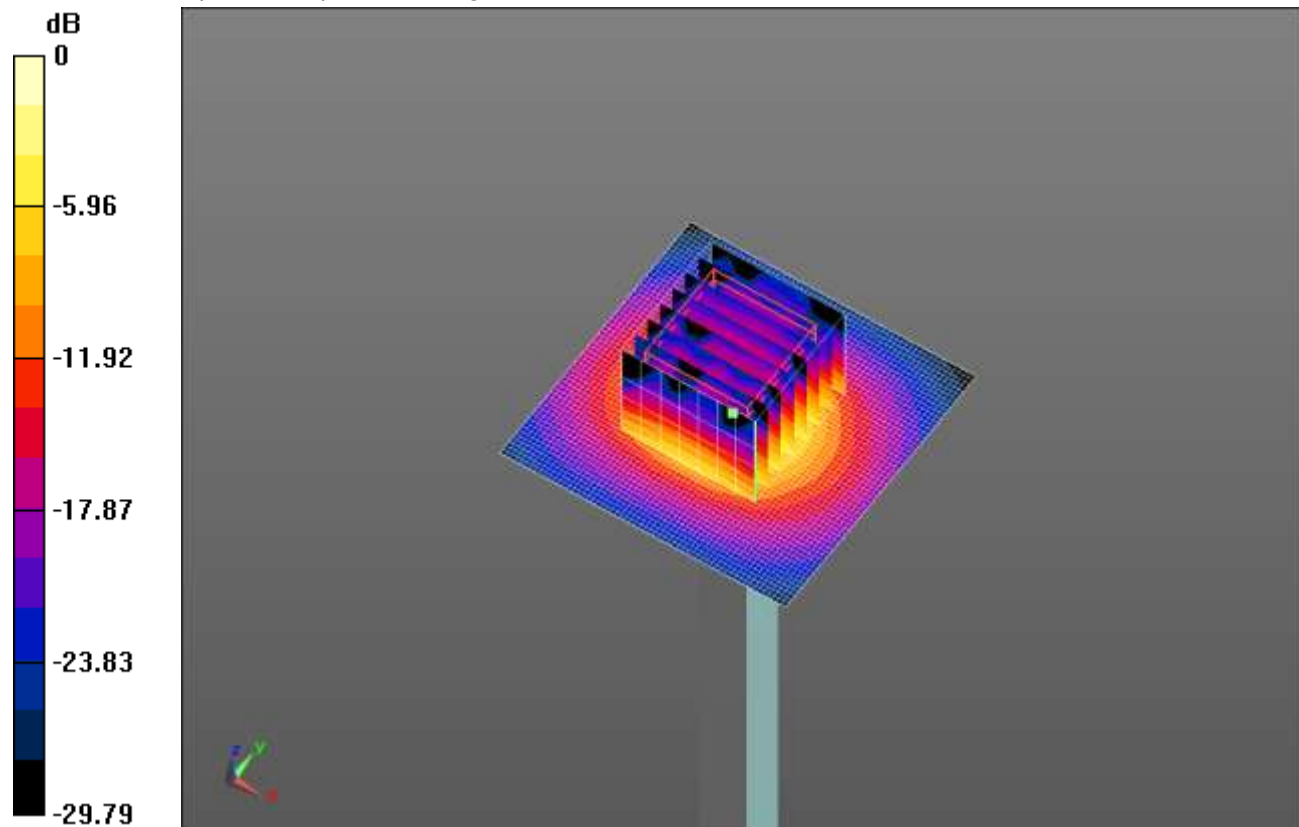
Body/5.5 GHz, Pin=100mW 20130611/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 51.049 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 33.1 W/kg

SAR(1 g) = 7.28 W/kg; SAR(10 g) = 2.07 W/kg

Maximum value of SAR (measured) = 17.8 W/kg



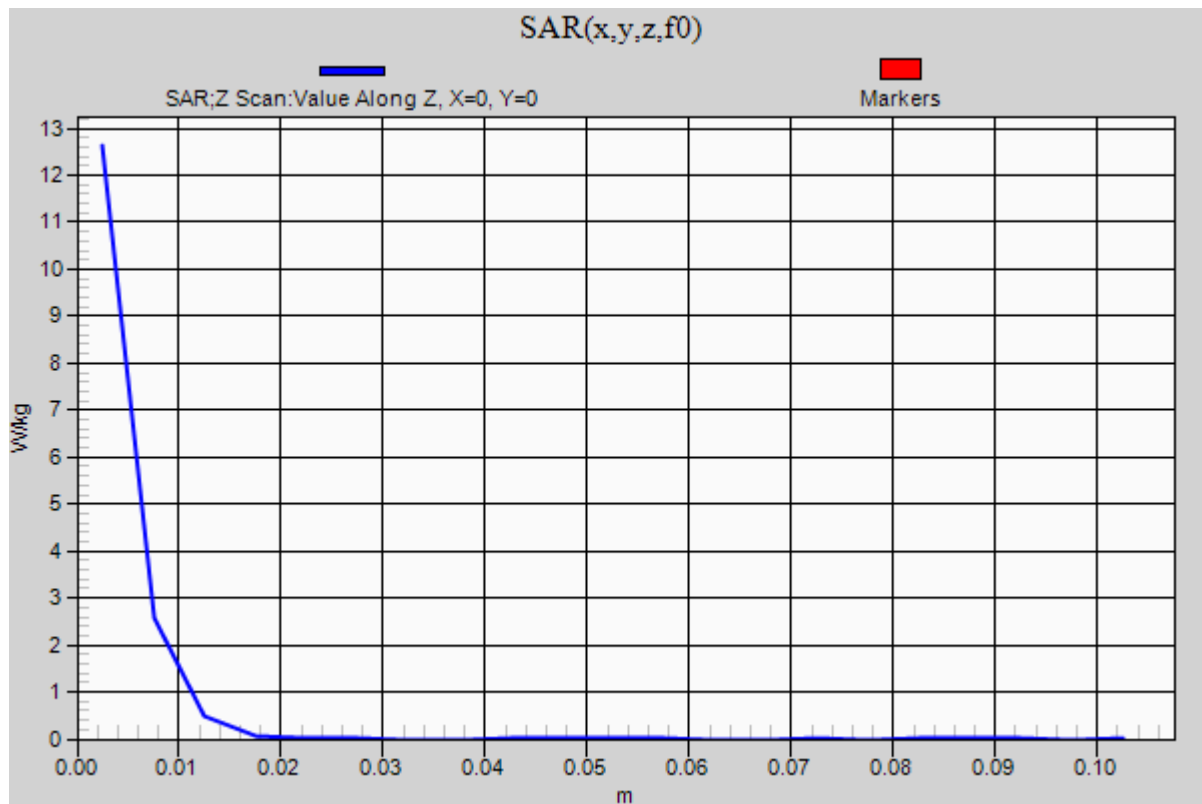
0 dB = 18.8 W/kg = 12.74 dBW/kg

20130613_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5500 MHz; Duty Cycle: 1:1

Body/5.5 GHz, Pin=100mW 20130611/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 12.6 W/kg



20130619_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; $\sigma = 1.989$ S/m; $\epsilon_r = 50.637$; $\rho = 1000$ 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: 08.02.2013
- Probe: EX3DV4 - SN3773; ConvF(6.6, 6.6, 6.6); Calibrated: 26.04.2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI 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 = 55.539 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 5.04 W/kg; SAR(10 g) = 2.22 W/kg

Maximum value of SAR (interpolated) = 7.23 W/kg

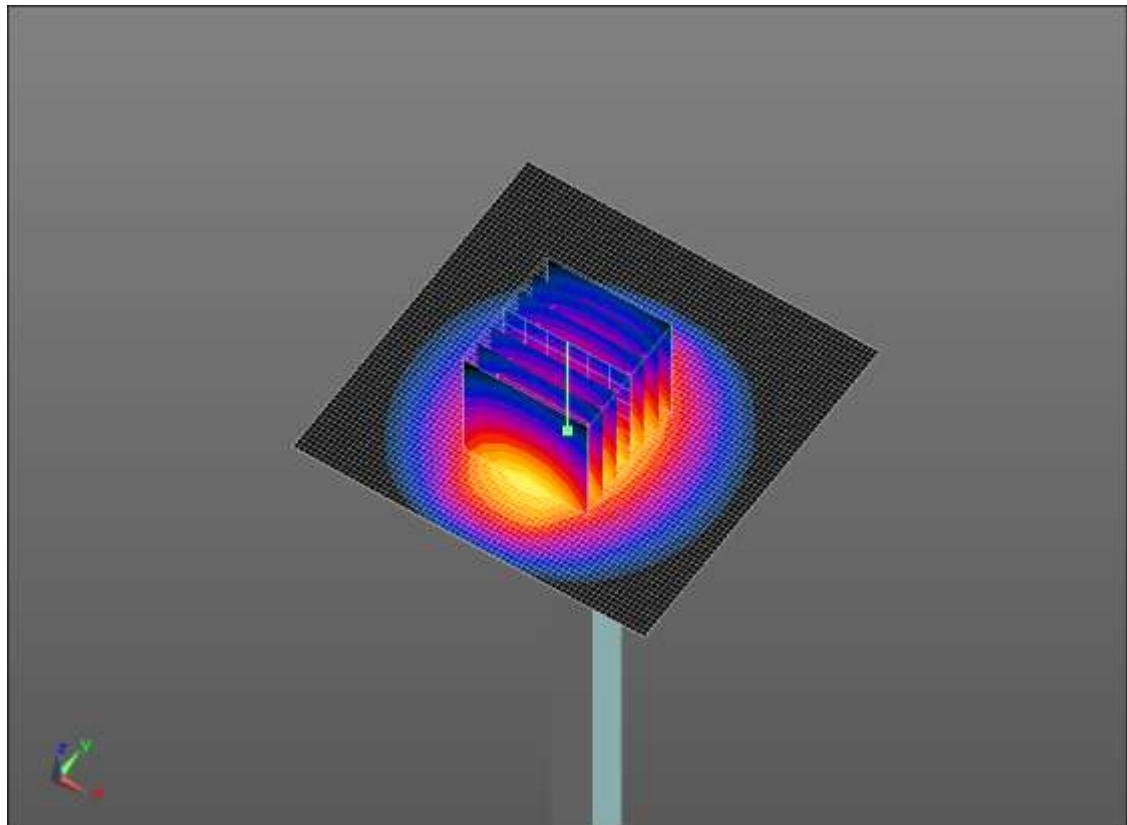
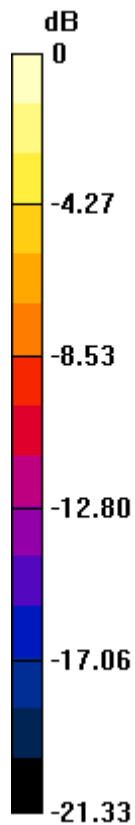
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.539 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 10.5 W/kg

SAR(1 g) = 5.19 W/kg; SAR(10 g) = 2.44 W/kg

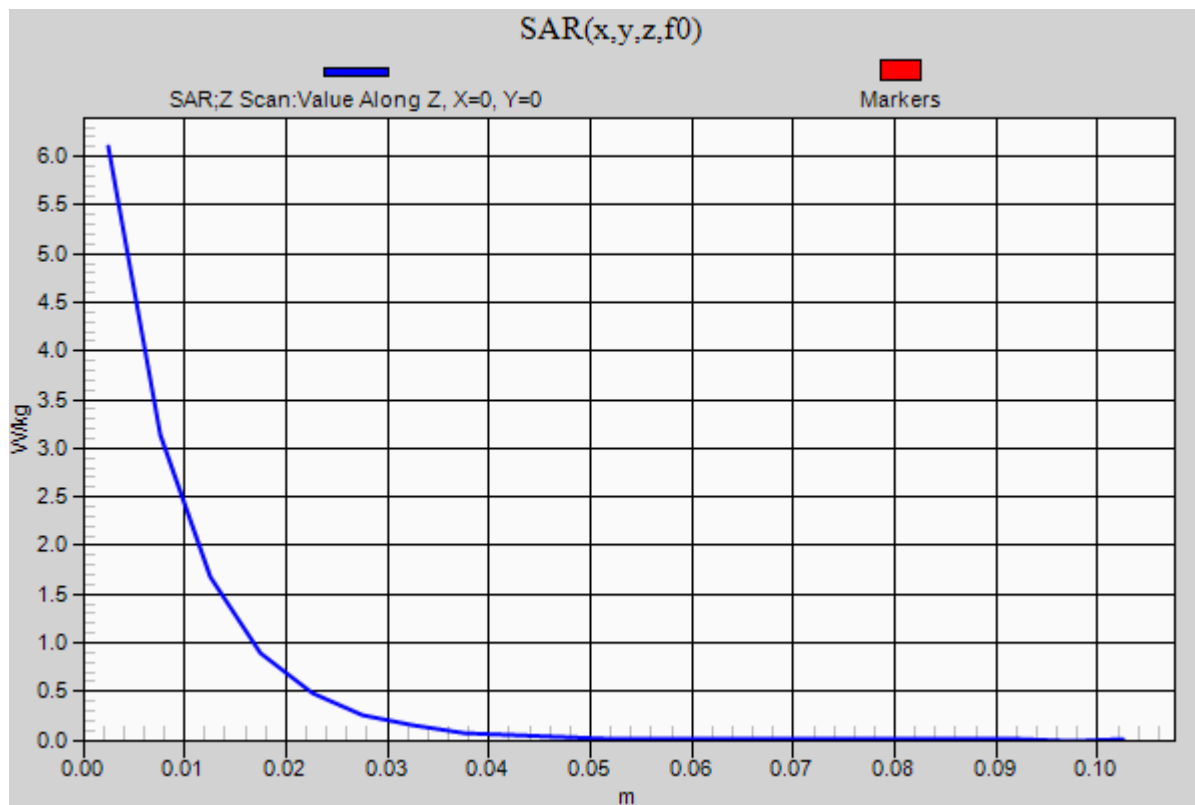
Maximum value of SAR (measured) = 7.30 W/kg



0 dB = 7.30 W/kg = 8.63 dBW/kg

20130619_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) = 6.10 W/kg

20130718_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; $\sigma = 1.992$ S/m; $\epsilon_r = 51.707$; $\rho = 1000$ 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: DAE3 Sn500; Calibrated: 5/28/2013
- Probe: EX3DV4 - SN3772; ConvF(6.57, 6.57, 6.57); Calibrated: 2/20/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

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

Reference Value = 61.281 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 5.37 W/kg; SAR(10 g) = 2.33 W/kg

Maximum value of SAR (interpolated) = 7.81 W/kg

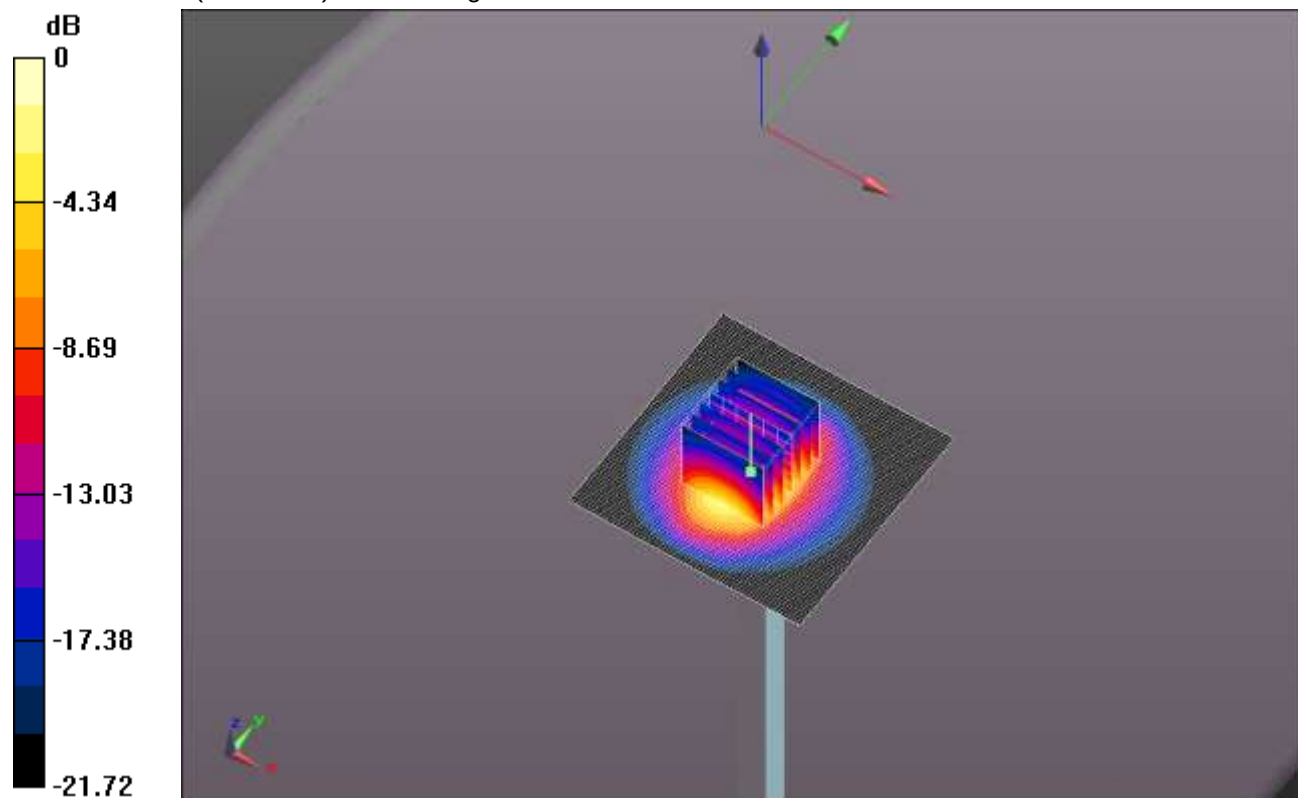
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.281 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 5.43 W/kg; SAR(10 g) = 2.52 W/kg

Maximum value of SAR (measured) = 7.70 W/kg



0 dB = 7.70 W/kg = 8.86 dBW/kg

20130718_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

