

20121203_System Check_Dipole5GHzv2 SN1004

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C
Medium parameters used (interpolated): $f = 5200$ MHz; $\sigma = 5.325$ mho/m; $\epsilon_r = 50.47$; $\rho = 1000$ 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 Sn877; Calibrated: 2012/3/16
- Probe: EX3DV4 - SN3665; ConvF(4.26, 4.26, 4.26); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1506

Body/5200MHz,Pin=100mW,d=10mm/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

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

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

Body/5200MHz,Pin=100mW,d=10mm/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

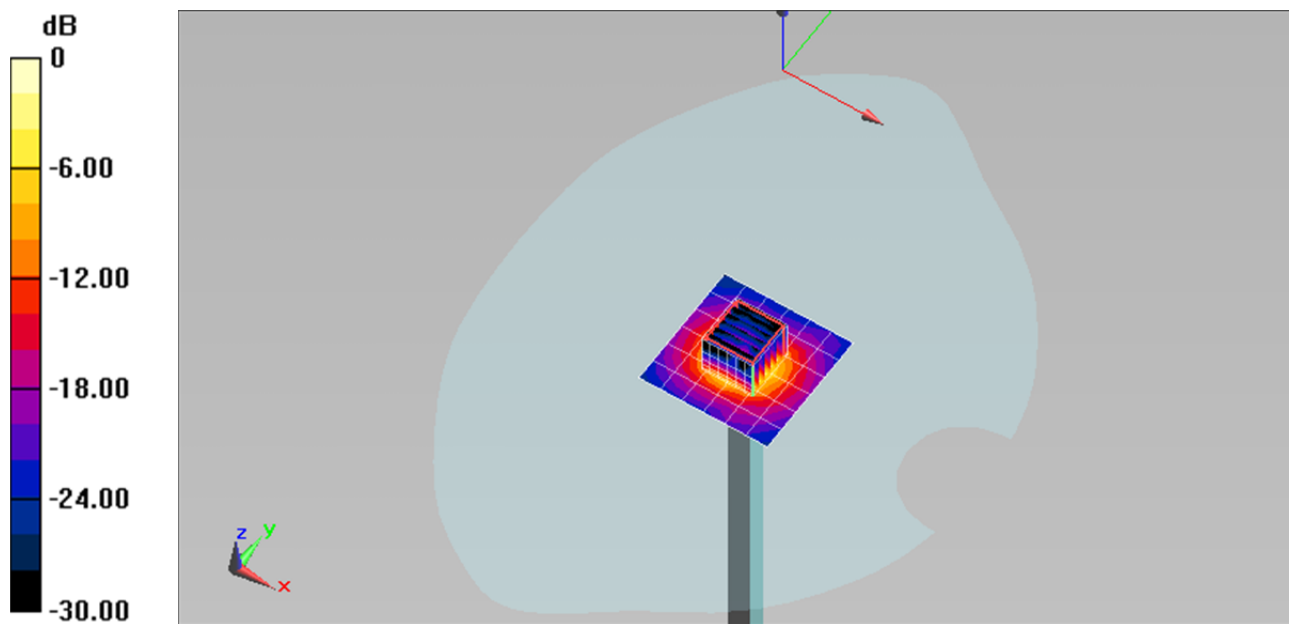
Reference Value = 67.614 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 27.8 W/kg

SAR(1 g) = 7.13 W/kg; SAR(10 g) = 2.01 W/kg

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

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



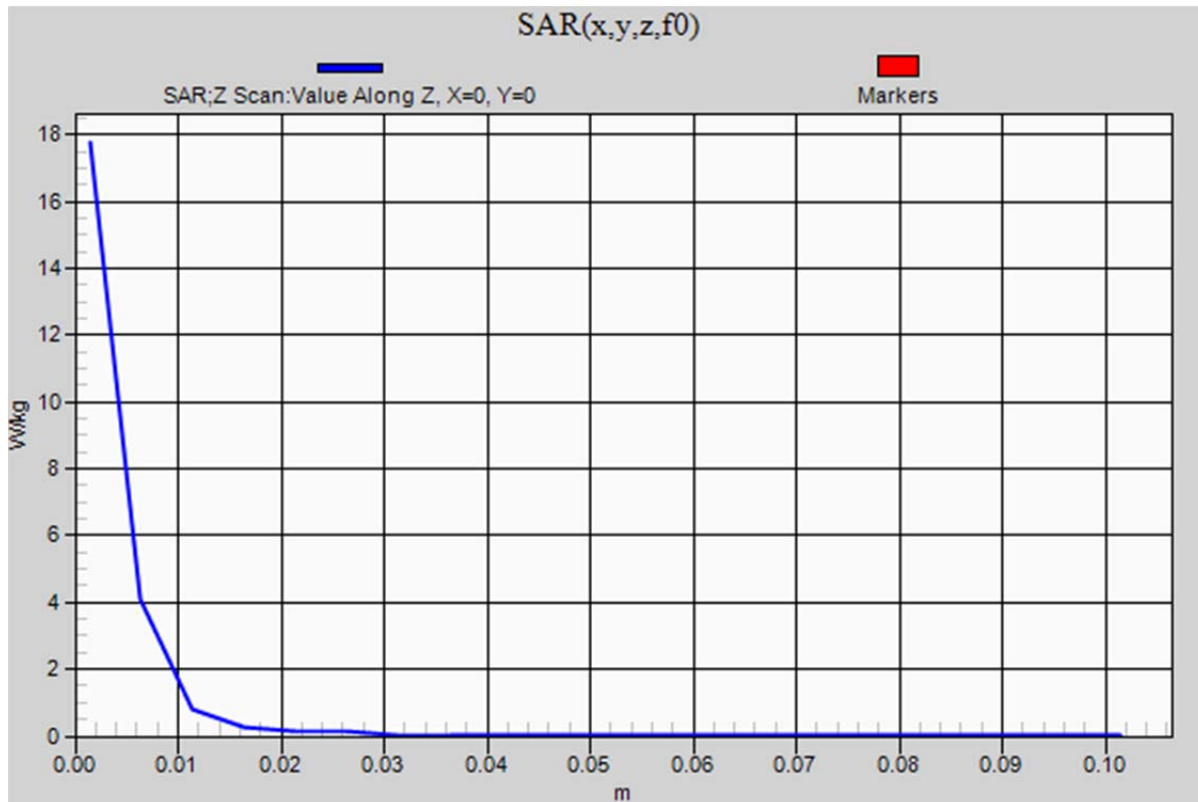
0 dB = 18.3 W/kg = 12.62 dBW/kg

20121203_System Check_Dipole5GHzv2 SN1004

Frequency: 5200 MHz; Duty Cycle: 1:1

Body/5200MHz,Pin=100mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



20121203_System Check_Dipole5GHzv2 SN1004

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C

Medium parameters used: $f = 5300.2$ MHz; $\sigma = 5.46$ mho/m; $\epsilon_r = 50.291$; $\rho = 1000$ 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 Sn877; Calibrated: 2012/3/16
- Probe: EX3DV4 - SN3665; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1506

Body/5300MHZ,Pin=100mW,d=10mm/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 19.2 W/kg

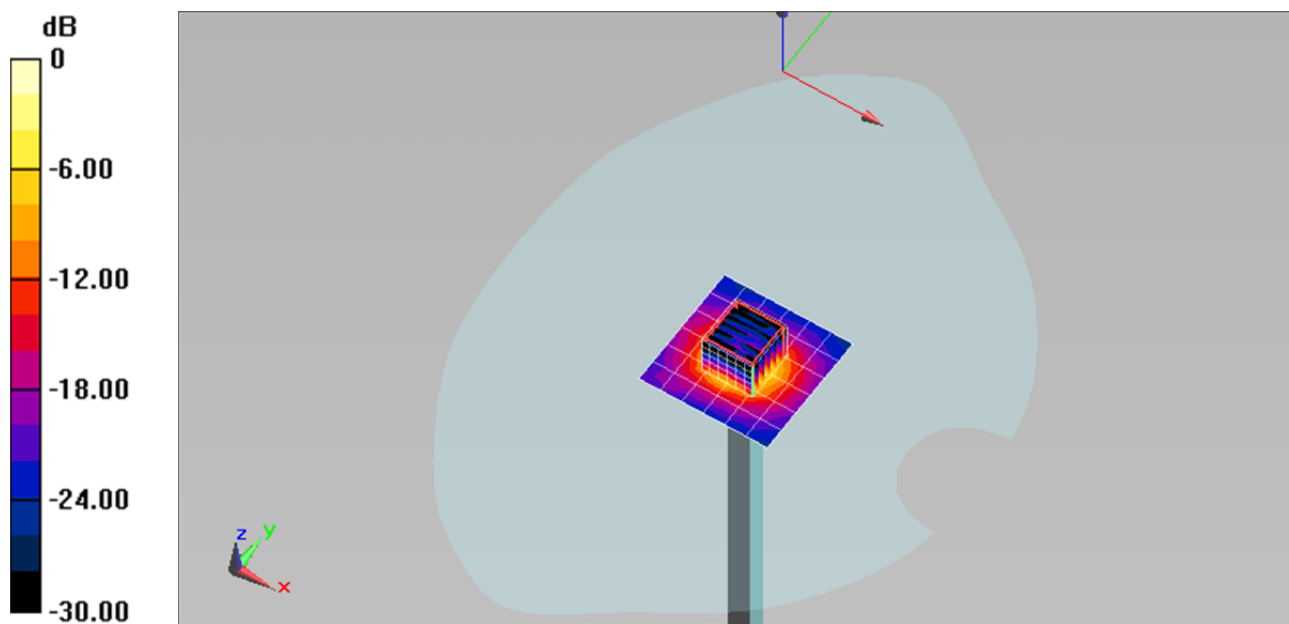
Body/5300MHZ,Pin=100mW,d=10mm/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=4mm

Reference Value = 69.528 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 29.4 W/kg

SAR(1 g) = 7.55 W/kg; SAR(10 g) = 2.13 W/kg

Maximum value of SAR (measured) = 19.3 W/kg



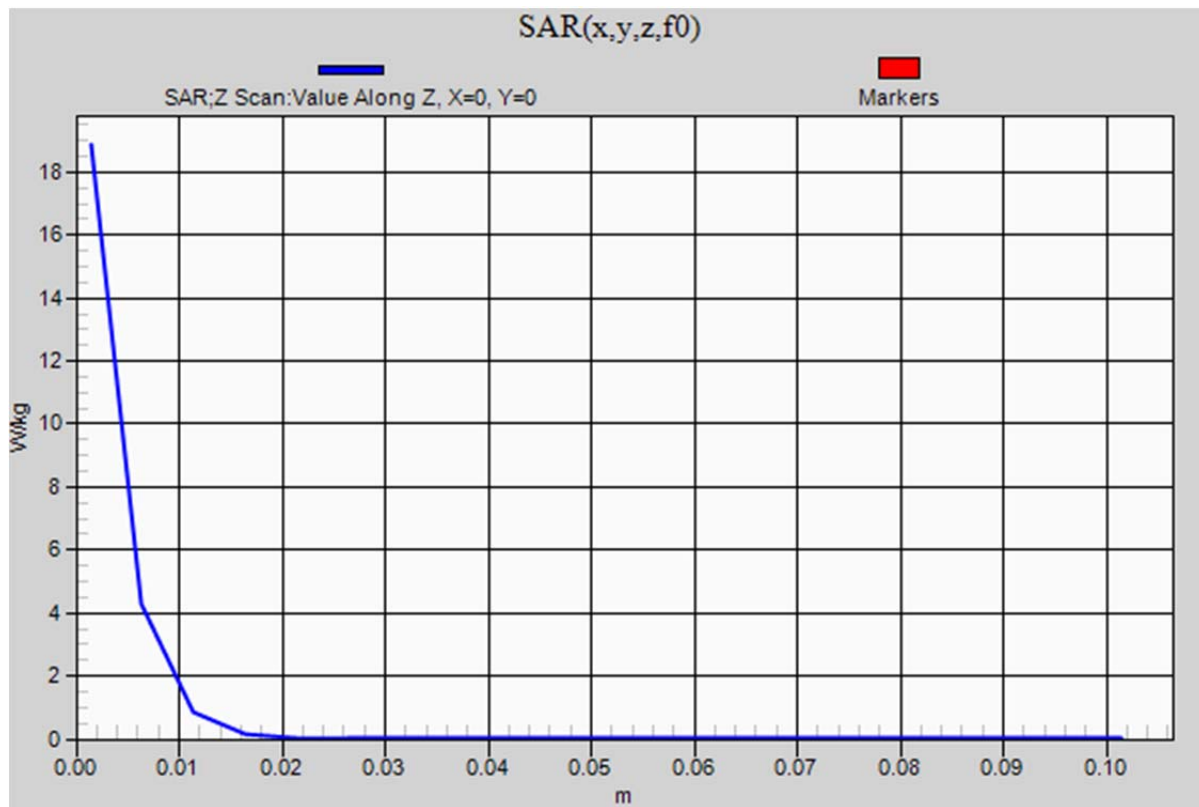
0 dB = 19.3 W/kg = 12.86 dBW/kg

20121203_System Check_Dipole5GHzv2 SN1004

Frequency: 5300 MHz; Duty Cycle: 1:1

Body/5300MHZ,Pin=100mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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



20121204_System Check_Dipole5GHzv2 SN1004

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C

Medium parameters used: $f = 5600.5$ MHz; $\sigma = 5.927$ mho/m; $\epsilon_r = 49.272$; $\rho = 1000$ 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 Sn877; Calibrated: 2012/3/16
- Probe: EX3DV4 - SN3665; ConvF(3.41, 3.41, 3.41); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1506

Body/5600MHz,Pin=100mW,d=10mm/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

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

Body/5600MHz,Pin=100mW,d=10mm/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm,

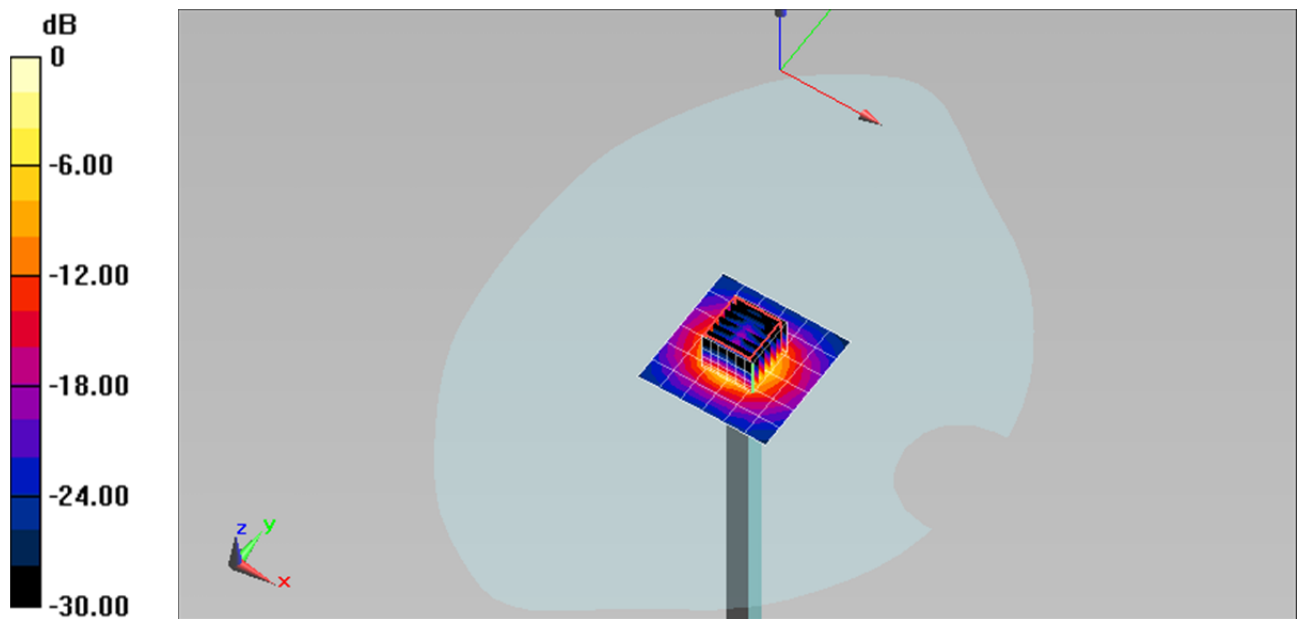
dy=4mm, dz=1.4mm

Reference Value = 42.818 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 30.6 W/kg

SAR(1 g) = 7.9 W/kg; SAR(10 g) = 2.22 W/kg

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



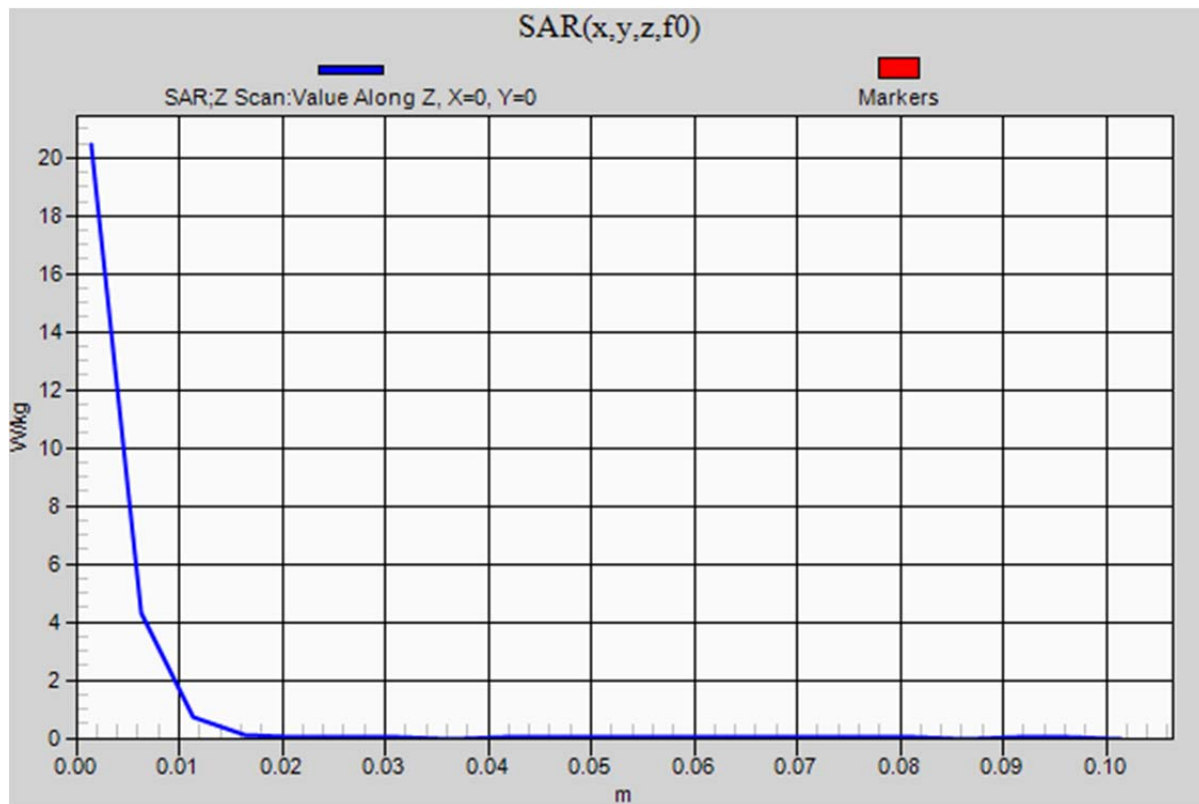
0 dB = 20.3 W/kg = 13.07 dBW/kg

20121204_System Check_Dipole5GHzv2 SN1004

Frequency: 5600 MHz; Duty Cycle: 1:1

Body/5600MHz,Pin=100mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 20.4 W/kg



20121204_System Check_Dipole5GHzv2 SN1004

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C
Medium parameters used (interpolated): $f = 5800$ MHz; $\sigma = 6.197$ mho/m; $\epsilon_r = 48.893$; $\rho = 1000$ 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 Sn877; Calibrated: 2012/3/16
- Probe: EX3DV4 - SN3665; ConvF(4.14, 4.14, 4.14); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1506

Body/5800MHz,Pin=100mW,d=10mm/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 14.9 W/kg

Body/5800MHz,Pin=100mW,d=10mm/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

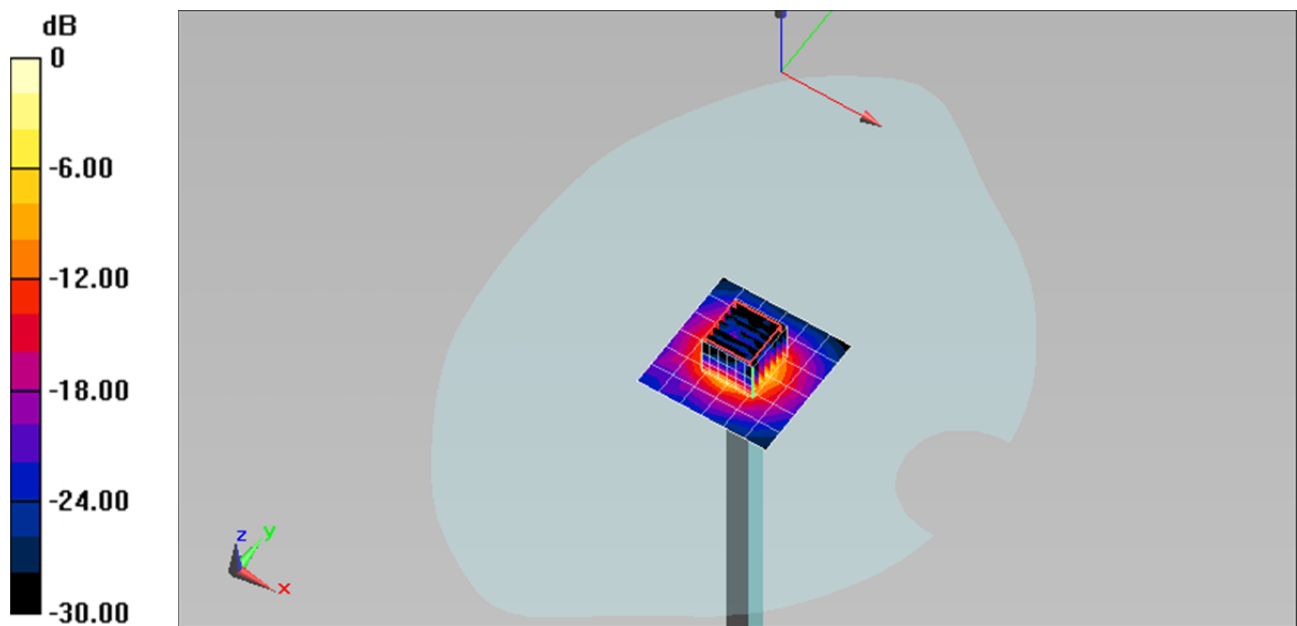
Reference Value = 33.028 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 32.4 W/kg

SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.11 W/kg

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

Maximum value of SAR (measured) = 19.9 W/kg



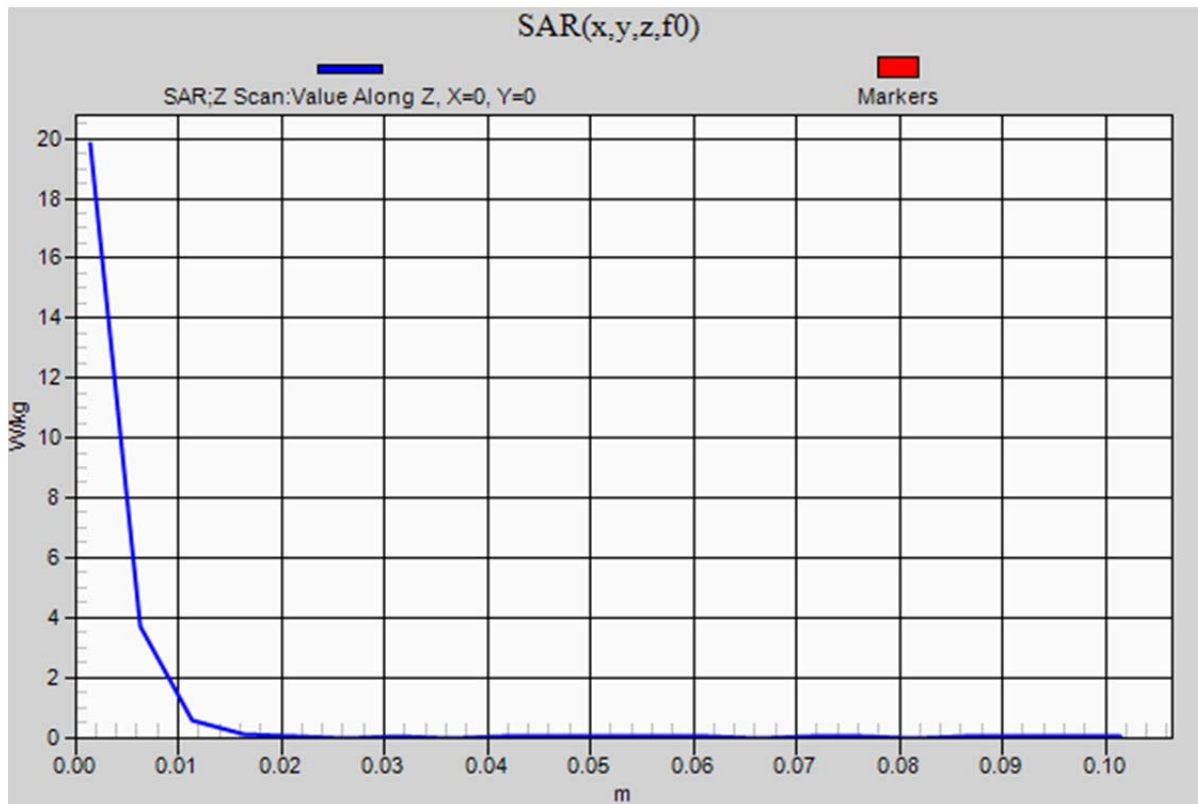
0 dB = 19.9 W/kg = 12.99 dBW/kg

20121204_System Check_Dipole5GHzv2 SN1004

Frequency: 5800 MHz; Duty Cycle: 1:1

Body/5800MHz,Pin=100mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



20121205_System Check_Dipole5GHzv2 SN1004

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C
Medium parameters used (interpolated): $f = 5800$ MHz; $\sigma = 5.796$ mho/m; $\epsilon_r = 49.59$; $\rho = 1000$ 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 Sn877; Calibrated: 2012/3/16
- Probe: EX3DV4 - SN3665; ConvF(4.14, 4.14, 4.14); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1506

Body/5800MHz,Pin=100mW,d=10mm/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 17.7 W/kg

Body/5800MHz,Pin=100mW,d=10mm/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

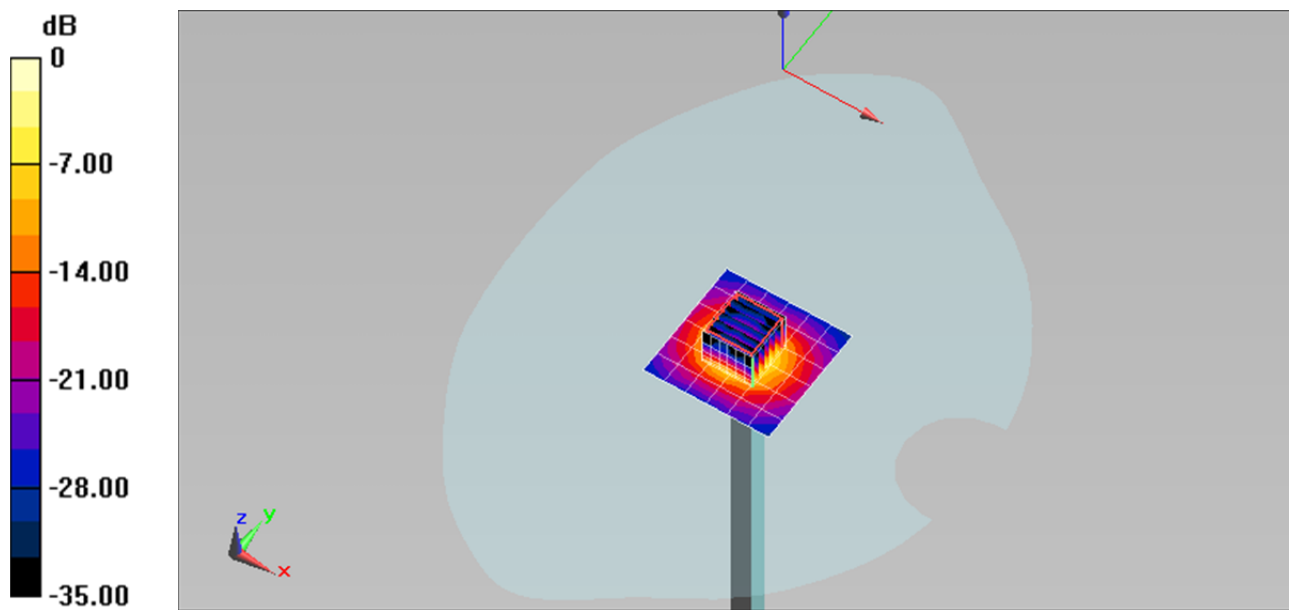
Reference Value = 37.304 V/m; Power Drift = 0.59 dB

Peak SAR (extrapolated) = 32.6 W/kg

SAR(1 g) = 7.61 W/kg; SAR(10 g) = 2.12 W/kg

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

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



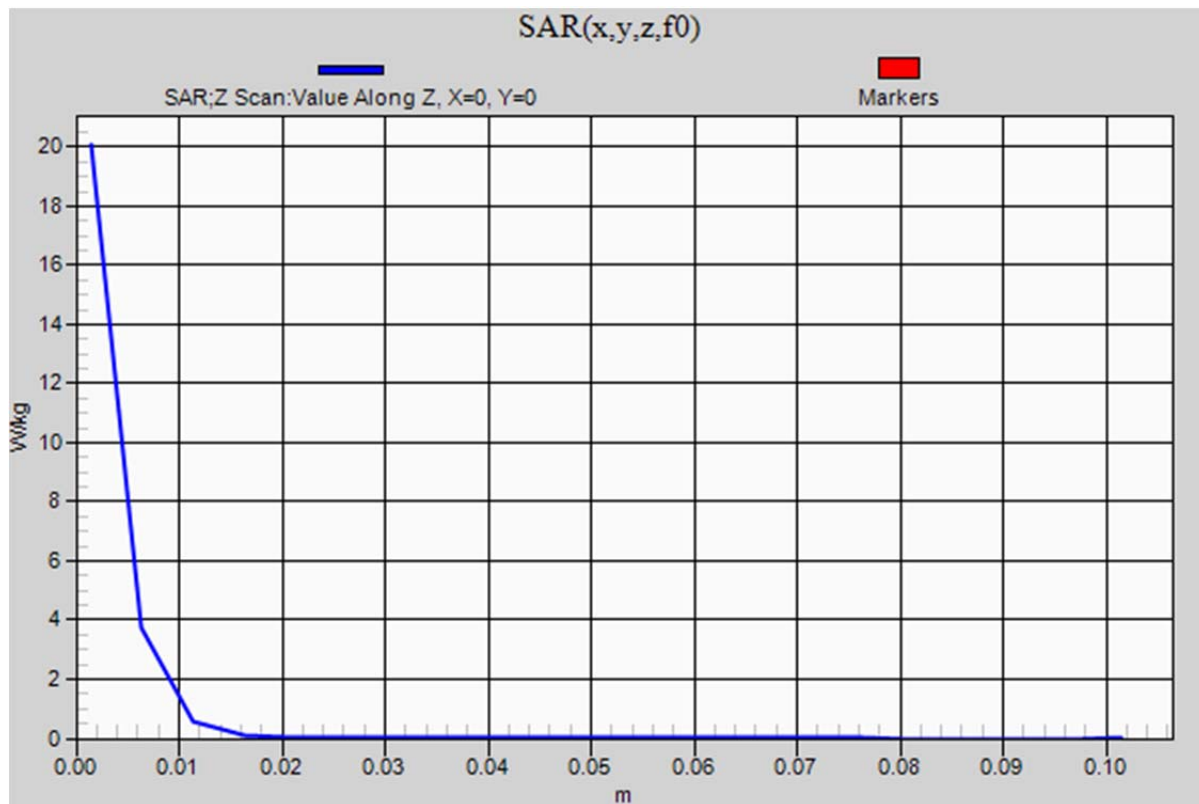
0 dB = 20.2 W/kg = 13.05 dBW/kg

20121205_System Check_Dipole5GHzv2 SN1004

Frequency: 5800 MHz; Duty Cycle: 1:1

Body/5800MHz,Pin=100mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 20.1 W/kg



20121205_System Check_Dipole2450v2 SN728

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C
Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 52.016$; $\rho = 1000$ 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 Sn877; Calibrated: 2012/3/16
- Probe: EX3DV4 - SN3665; ConvF(7.11, 7.11, 7.11); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1506

Body/Pin=250mW, d=10mm/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 19.1 W/kg

Body/Pin=250mW, d=10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

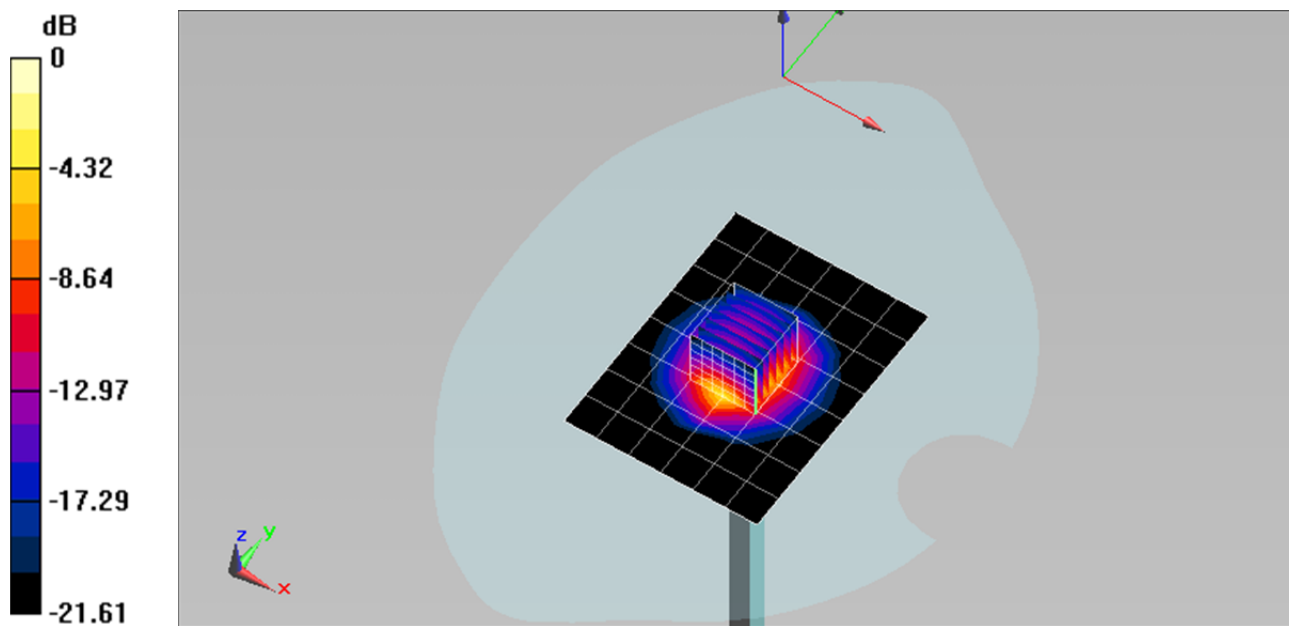
Reference Value = 103.1 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 27.2 W/kg

SAR(1 g) = 12.6 W/kg; SAR(10 g) = 5.87 W/kg

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

Maximum value of SAR (measured) = 21.3 W/kg



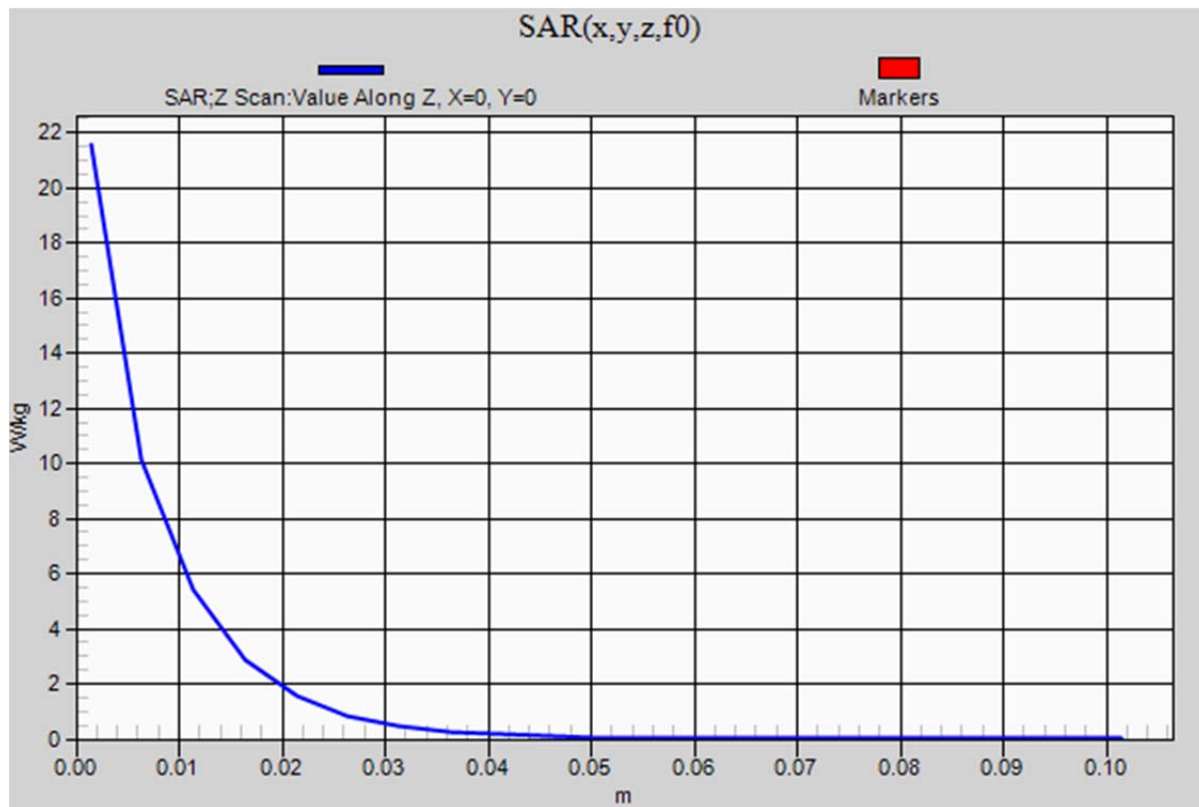
0 dB = 21.3 W/kg = 13.28 dBW/kg

20121205_System Check_Dipole2450v2 SN728

Frequency: 2450 MHz; Duty Cycle: 1:1

Body/Pin=250mW, d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mmInfo: [Interpolated medium parameters used for SAR evaluation.](#)

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



20121227_System Check_Dipole5GHzv2 SN1004

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C

Medium parameters used: $f = 5300.2$ MHz; $\sigma = 5.476$ mho/m; $\epsilon_r = 48.281$; $\rho = 1000$ 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 Sn877; Calibrated: 3/16/2012
- Probe: EX3DV4 - SN3665; ConvF(4.01, 4.01, 4.01); Calibrated: 4/27/2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

Body/5300MHZ,Pin=100mW,d=10mm 2/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

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

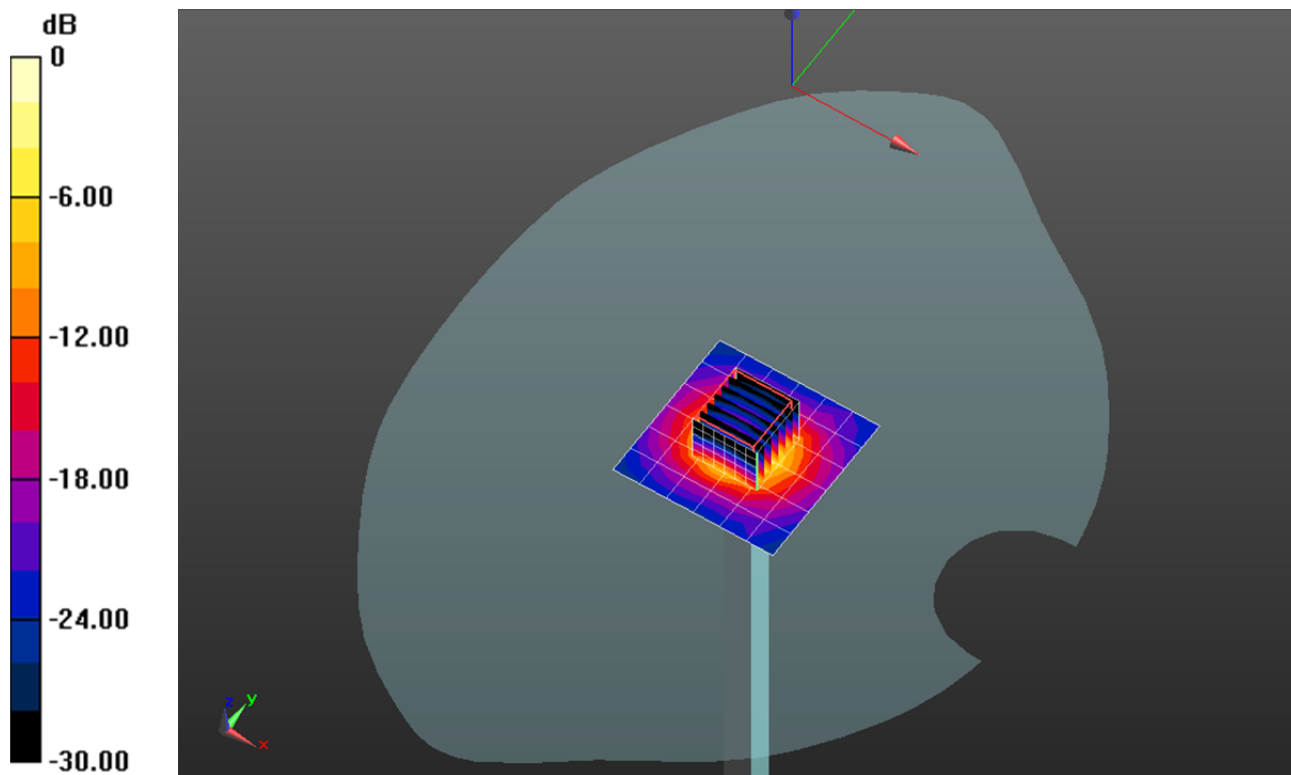
Body/5300MHZ,Pin=100mW,d=10mm 2/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=4mm

Reference Value = 70.039 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 29.1 W/kg

SAR(1 g) = 7.52 W/kg; SAR(10 g) = 2.11 W/kg

Maximum value of SAR (measured) = 19.1 W/kg



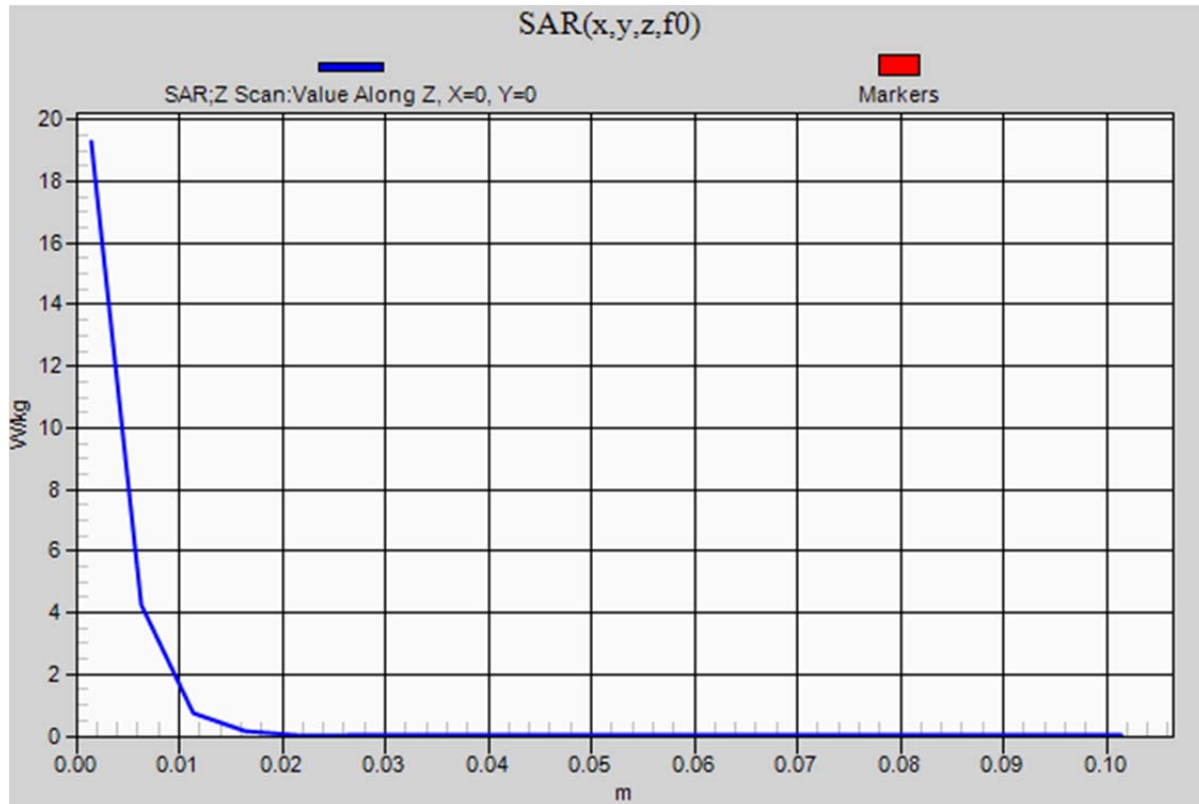
0 dB = 19.1 W/kg = 12.81 dBW/kg

20121227_System Check_Dipole5GHzv2 SN1004

Frequency: 5300 MHz; Duty Cycle: 1:1

Body/5300MHZ,Pin=100mW,d=10mm 2/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 19.3 W/kg



20121228_System Check_Dipole2450v2 SN728

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C
Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.9$ mho/m; $\epsilon_r = 51.357$; $\rho = 1000$ 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 Sn877; Calibrated: 3/16/2012
- Probe: EX3DV4 - SN3665; ConvF(7.11, 7.11, 7.11); Calibrated: 4/27/2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

Body/Pin=250mW, d=10mm/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

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

Body/Pin=250mW, d=10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

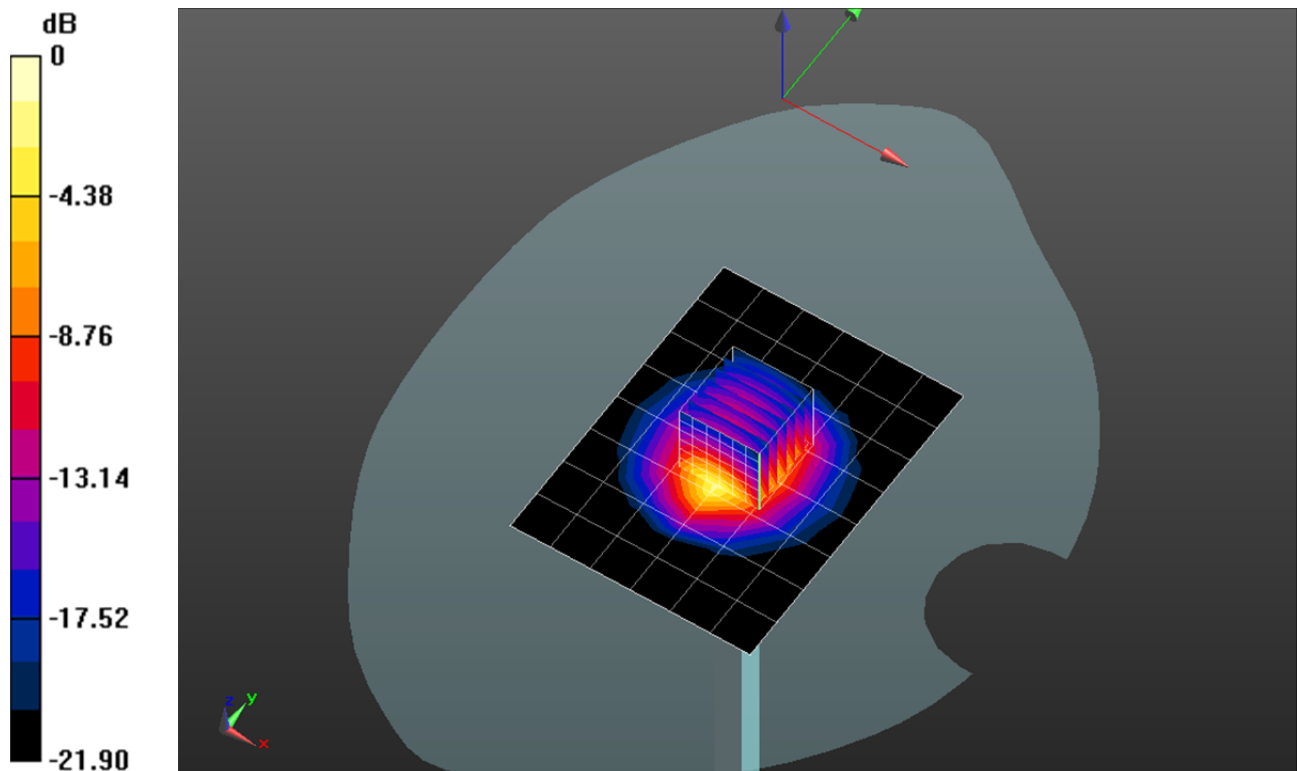
Reference Value = 104.1 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 25.5 W/kg

SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.8 W/kg

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

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



0 dB = 20.2 W/kg = 13.05 dBW/kg

20121228_System Check_Dipole2450v2 SN728

Frequency: 2450 MHz; Duty Cycle: 1:1

Body/Pin=250mW, d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

