APPENDIX A - SAR MEASUREMENT DATA

Face SAR Plot F1

Date Tested: 08/17/2011

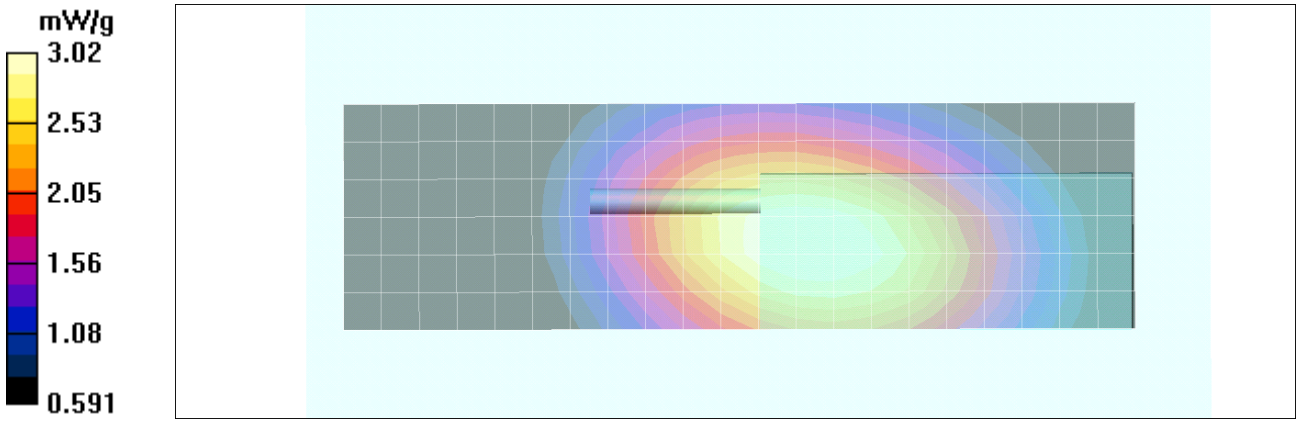
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 23.8C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 430 MHz; Duty Cycle: 1:1
Medium: HSL450 Medium parameters used: f = 430 MHz; σ = 0.85 mho/m; ε_r = 44.9; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.3, 7.3, 7.3); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.08 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 61.8 V/m; Power Drift = -0.407 dB
Peak SAR (extrapolated) = 3.94 W/kg
SAR(1 g) = 2.9 mW/g; SAR(10 g) = 2.19 mW/g
Maximum value of SAR (measured) = 3.02 mW/g



Face SAR Plot F2

Date Tested: 08/17/2011

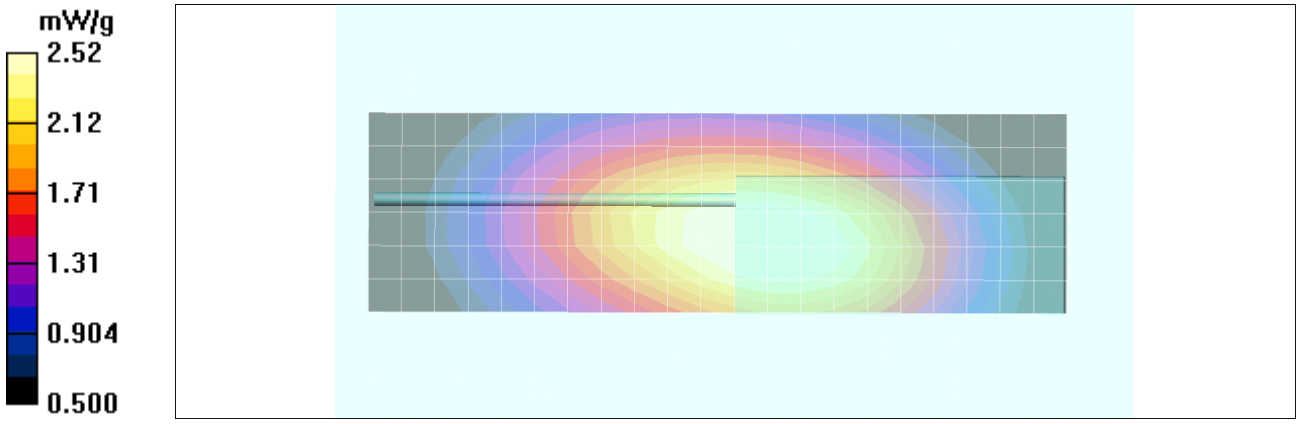
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 23.8C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 430 MHz; Duty Cycle: 1:1
Medium: HSL450 Medium parameters used: f = 430 MHz; σ = 0.85 mho/m; ε_r = 44.9; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.3, 7.3, 7.3); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.65 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.8 V/m; Power Drift = -0.414 dB
Peak SAR (extrapolated) = 3.29 W/kg
SAR(1 g) = 2.42 mW/g; SAR(10 g) = 1.83 mW/g
Maximum value of SAR (measured) = 2.52 mW/g



Face SAR Plot F3

Date Tested: 08/17/2011

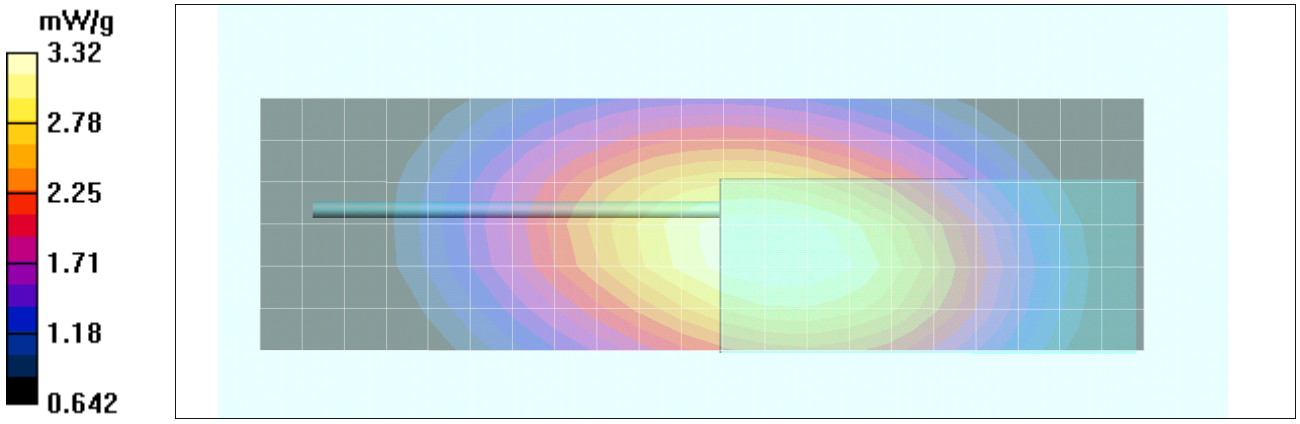
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 23.8C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 440 MHz; Duty Cycle: 1:1
Medium: HSL450 Medium parameters used: f = 440 MHz; σ = 0.88 mho/m; ε_r = 44.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.3, 7.3, 7.3); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.33 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 62.8 V/m; Power Drift = -0.287 dB
Peak SAR (extrapolated) = 4.33 W/kg
SAR(1 g) = 3.18 mW/g; SAR(10 g) = 2.4 mW/g
Maximum value of SAR (measured) = 3.32 mW/g



Face SAR Plot F4

Date Tested: 08/17/2011

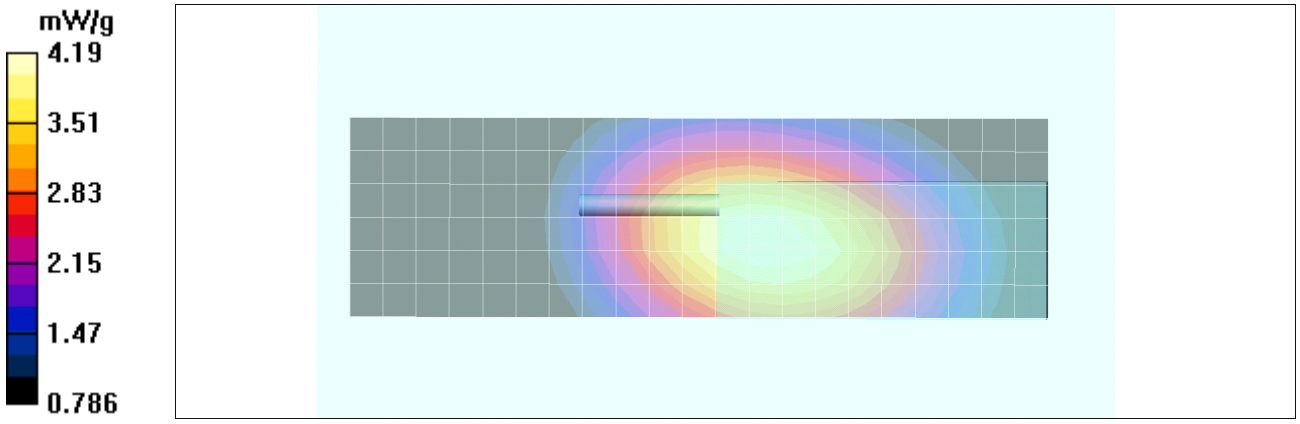
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 23.8C; Barometric Pressure: 101.1 kPa; Humidity: 31%

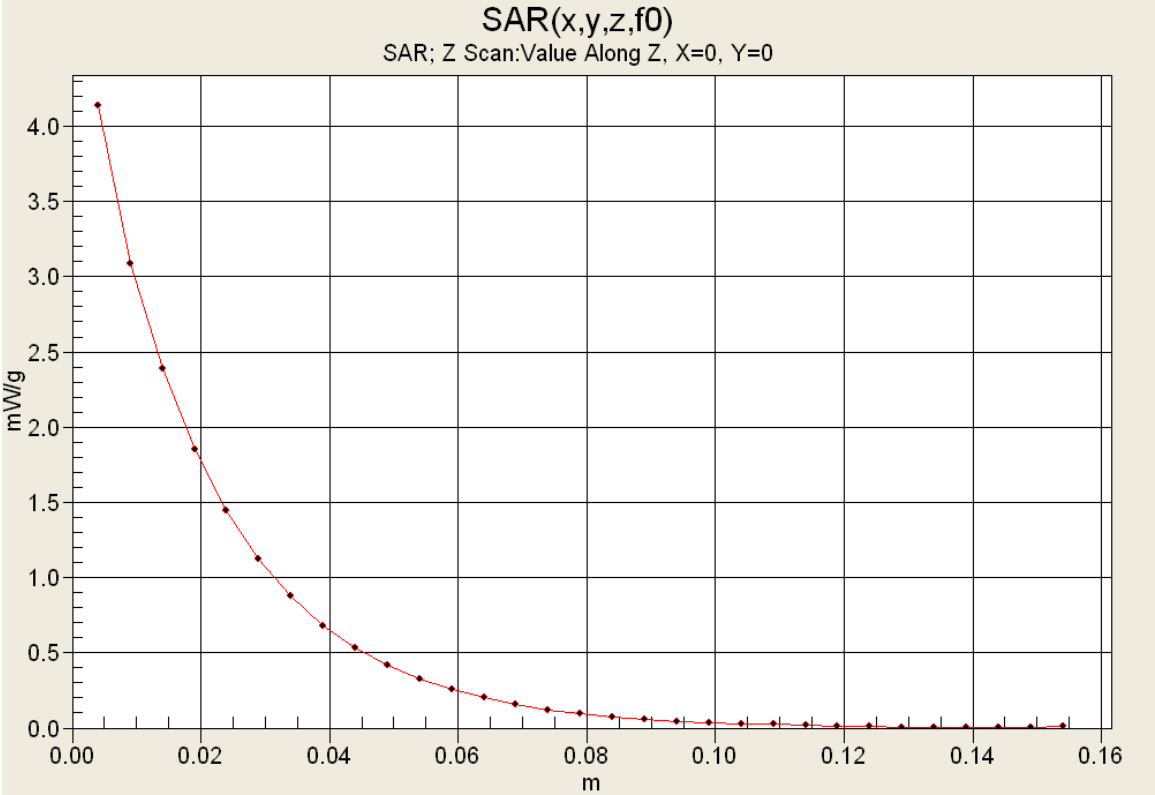
Communication System: CW
Frequency: 440 MHz; Duty Cycle: 1:1
Medium: HSL450 Medium parameters used: f = 440 MHz; σ = 0.88 mho/m; ε_r = 44.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.3, 7.3, 7.3); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 4.15 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 68.8 V/m; Power Drift = -0.185 dB
Peak SAR (extrapolated) = 5.47 W/kg
SAR(1 g) = 4 mW/g; SAR(10 g) = 3 mW/g
Maximum value of SAR (measured) = 4.19 mW/g



Z-Axis Scan



Body SAR Plot B1

Date Tested: 08/17/2011

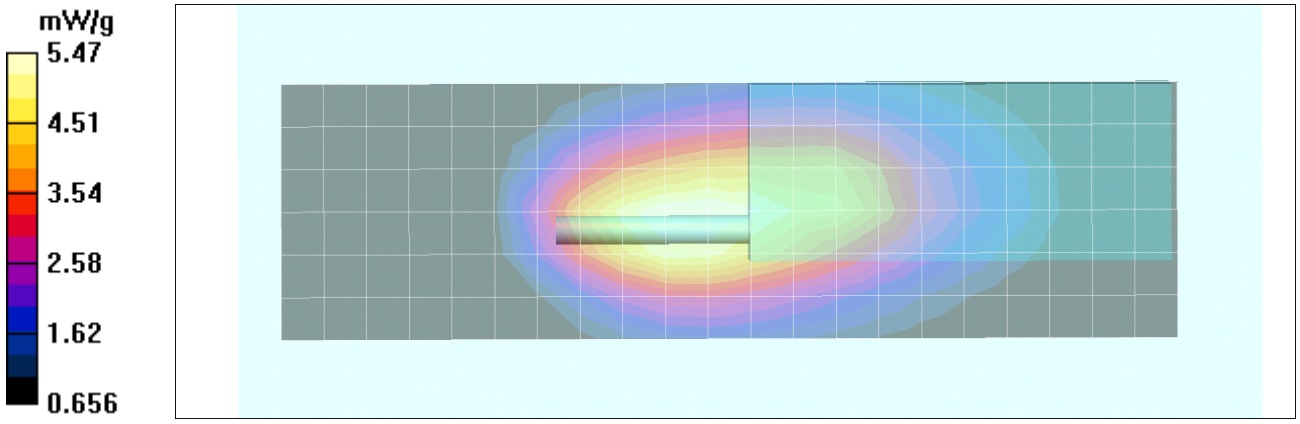
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 21.7C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 430 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 430 MHz; σ = 0.9 mho/m; ε_r = 57; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.82, 7.82, 7.82); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 5.57 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 73.3 V/m; Power Drift = -0.500 dB
Peak SAR (extrapolated) = 7.94 W/kg
SAR(1 g) = 5.19 mW/g; SAR(10 g) = 3.62 mW/g
Maximum value of SAR (measured) = 5.47 mW/g



Body SAR Plot B2

Date Tested: 08/17/2011

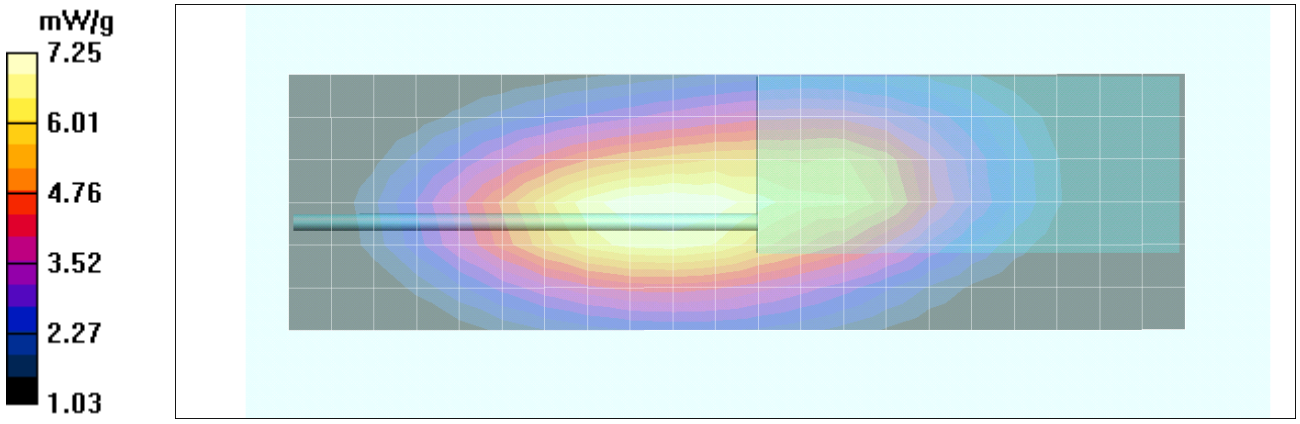
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 21.7C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 418.05 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 418.05 MHz; σ = 0.9 mho/m; ε_r = 57; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.82, 7.82, 7.82); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 7.27 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 82.3 V/m; Power Drift = -0.218 dB
Peak SAR (extrapolated) = 10.3 W/kg
SAR(1 g) = 6.91 mW/g; SAR(10 g) = 4.89 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 7.25 mW/g



Body SAR Plot B3

Date Tested: 08/17/2011

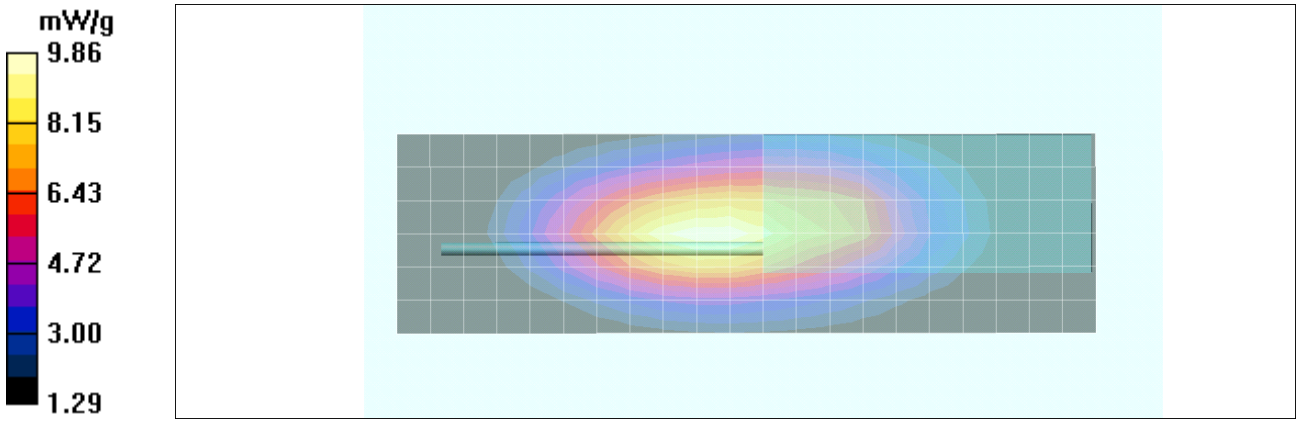
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 21.7C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 455 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 455 MHz; σ = 0.93 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.82, 7.82, 7.82); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 9.73 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 94.7 V/m; Power Drift = -0.076 dB
Peak SAR (extrapolated) = 14.1 W/kg
SAR(1 g) = 9.37 mW/g; SAR(10 g) = 6.55 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 9.86 mW/g



Body SAR Plot B4

Date Tested: 08/17/2011

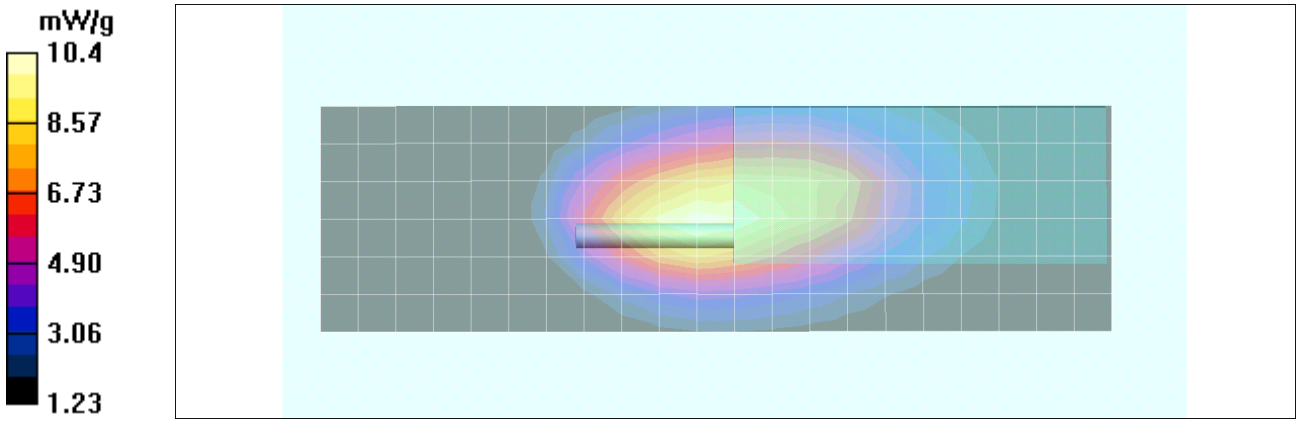
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 21.7C; Barometric Pressure: 101.1 kPa; Humidity: 31%

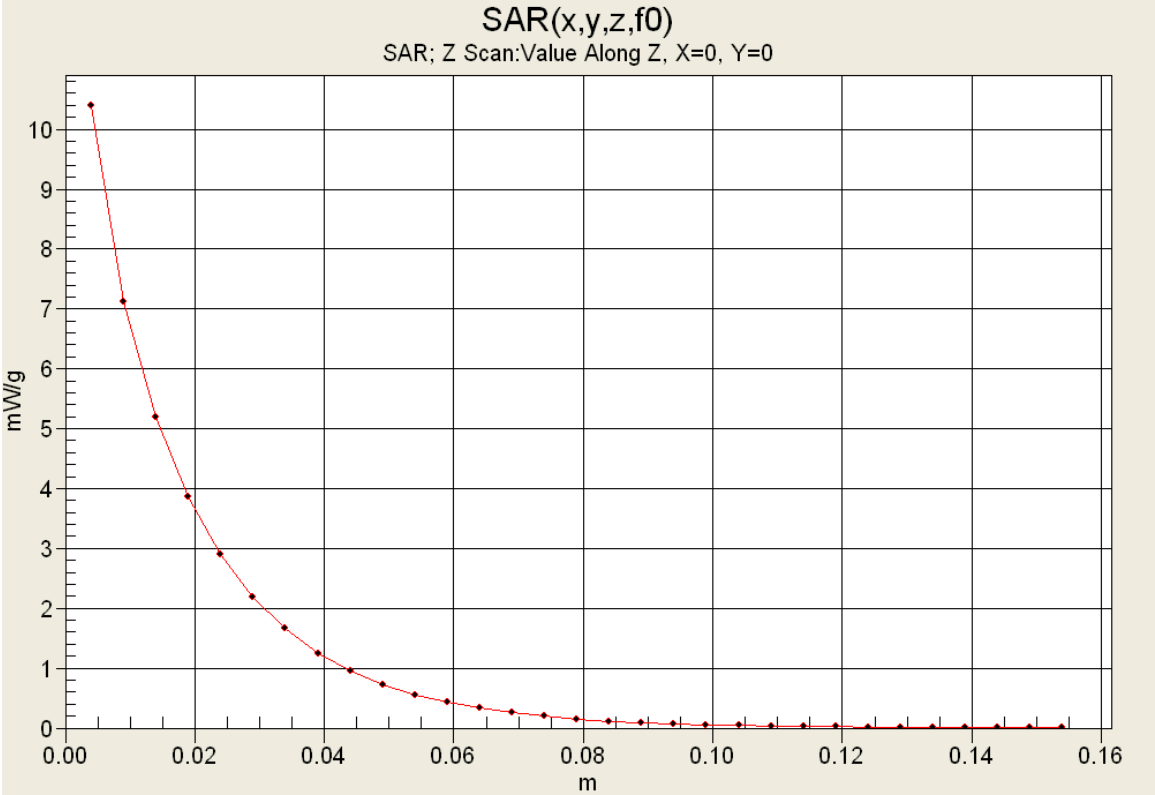
Communication System: CW
Frequency: 440 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 440 MHz; σ = 0.92 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.82, 7.82, 7.82); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 10.2 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 101.8 V/m; Power Drift = -0.180 dB
Peak SAR (extrapolated) = 15.0 W/kg
SAR(1 g) = 9.9 mW/g; SAR(10 g) = 6.91 mW/g
Maximum value of SAR (measured) = 10.4 mW/g



Z-Axis Scan



Body SAR Plot B5

Date Tested: 08/17/2011

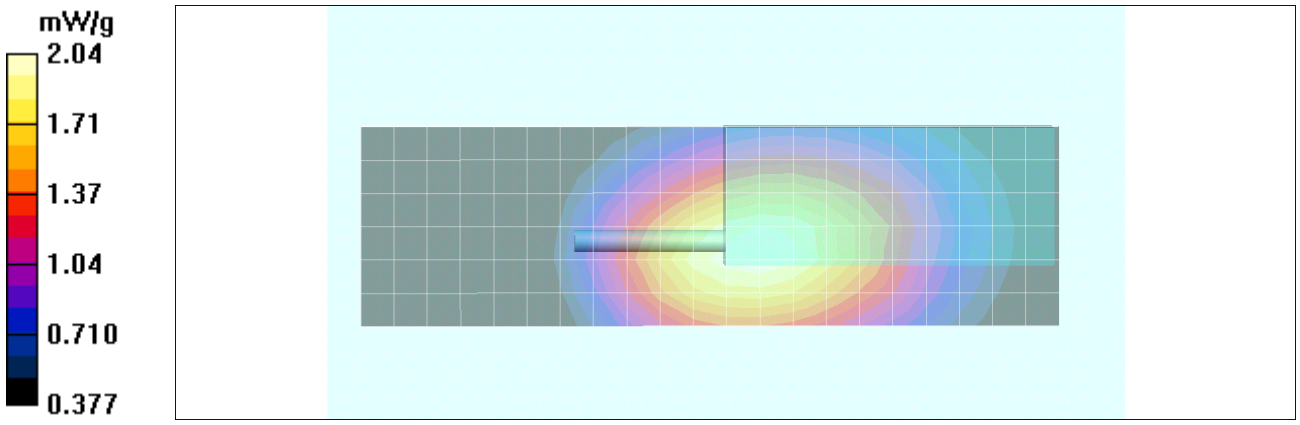
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 21.7C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 430 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 430 MHz; σ = 0.9 mho/m; ε_r = 57; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.82, 7.82, 7.82); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.04 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 43.8 V/m; Power Drift = -0.374 dB
Peak SAR (extrapolated) = 2.74 W/kg
SAR(1 g) = 1.96 mW/g; SAR(10 g) = 1.46 mW/g



Body SAR Plot B6

Date Tested: 08/17/2011

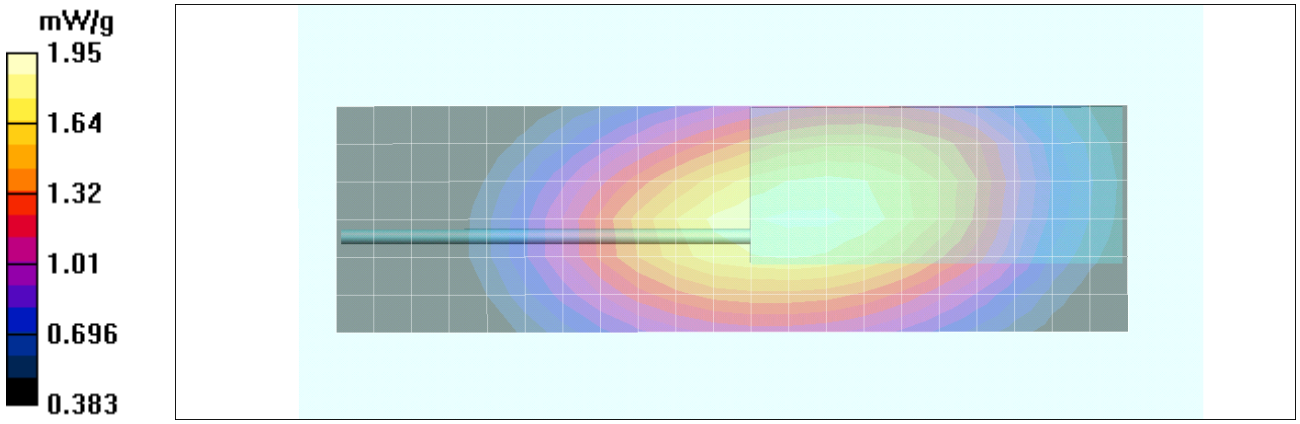
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 21.7C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 430 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 430 MHz; σ = 0.9 mho/m; ε_r = 57; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.82, 7.82, 7.82); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.88 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 45.4 V/m; Power Drift = -0.087 dB
Peak SAR (extrapolated) = 2.60 W/kg
SAR(1 g) = 1.87 mW/g; SAR(10 g) = 1.41 mW/g
Maximum value of SAR (measured) = 1.95 mW/g



Body SAR Plot B7

Date Tested: 08/17/2011

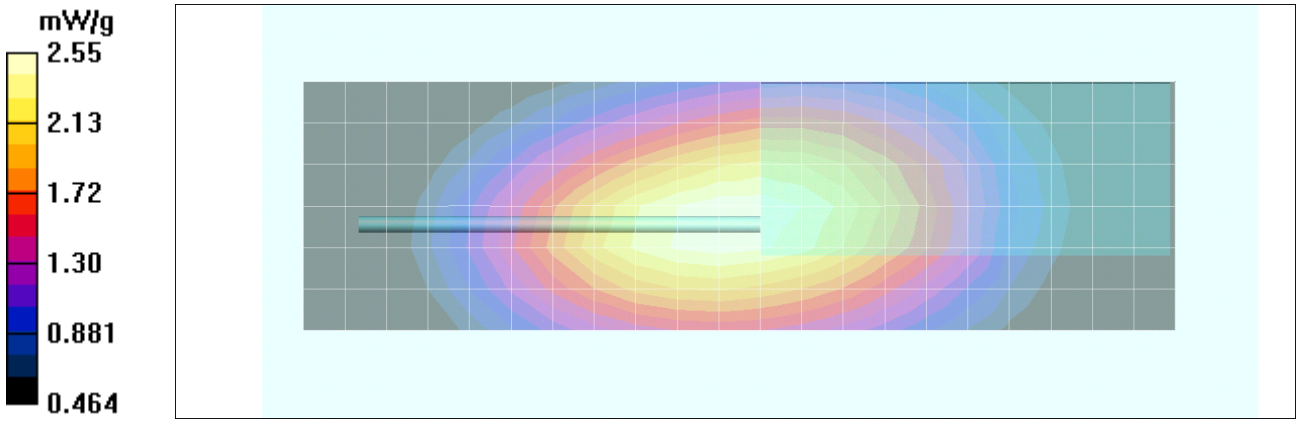
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 21.7C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 440 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 440 MHz; σ = 0.92 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.82, 7.82, 7.82); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.50 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.0 V/m; Power Drift = -0.059 dB
Peak SAR (extrapolated) = 3.46 W/kg
SAR(1 g) = 2.45 mW/g; SAR(10 g) = 1.82 mW/g
Maximum value of SAR (measured) = 2.55 mW/g



Body SAR Plot B8

Date Tested: 08/17/2011

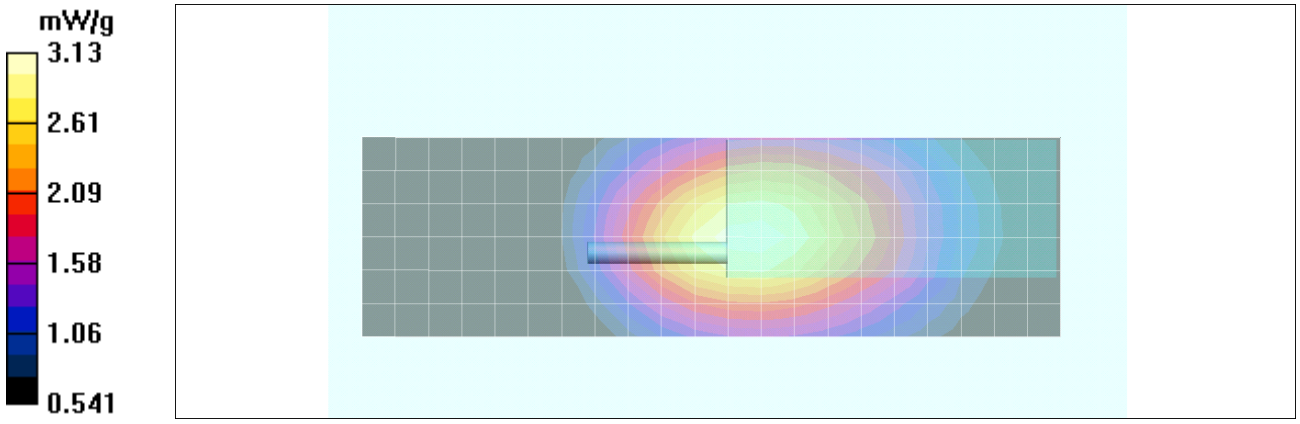
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 21.7C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 440 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 440 MHz; σ = 0.92 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.82, 7.82, 7.82); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.08 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.9 V/m; Power Drift = -0.191 dB
Peak SAR (extrapolated) = 4.24 W/kg
SAR(1 g) = 3 mW/g; SAR(10 g) = 2.22 mW/g
Maximum value of SAR (measured) = 3.13 mW/g



Body SAR Plot B9

Date Tested: 08/17/2011

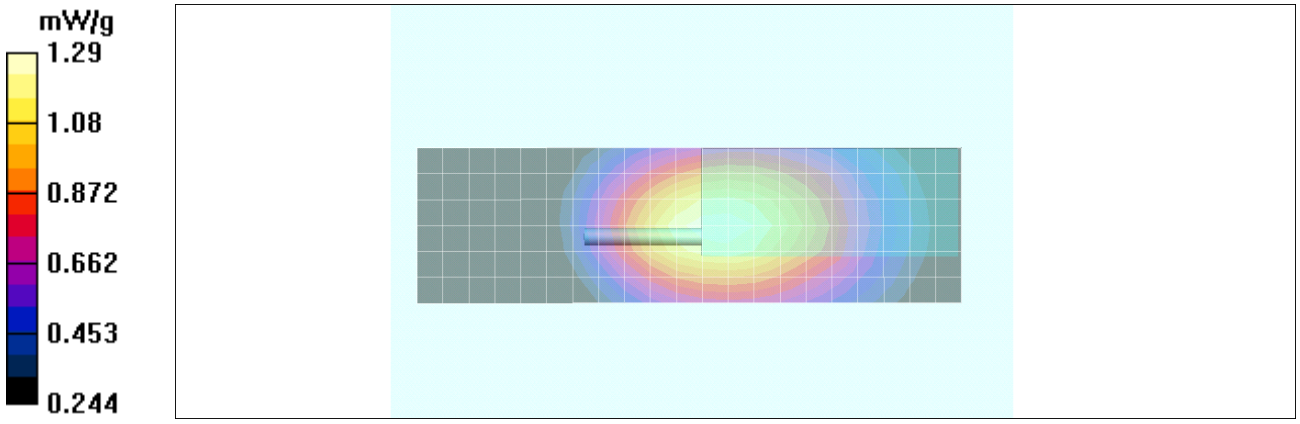
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 21.7C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 430 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 430 MHz; σ = 0.9 mho/m; ε_r = 57; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.82, 7.82, 7.82); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.27 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 38.4 V/m; Power Drift = -0.385 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.938 mW/g
Maximum value of SAR (measured) = 1.29 mW/g



Body SAR Plot B10

Date Tested: 08/17/2011

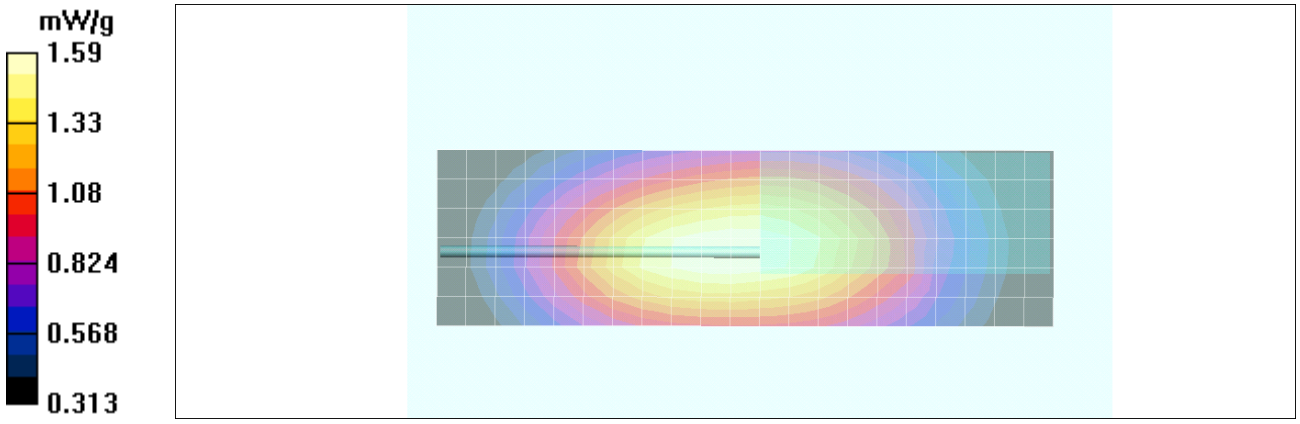
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 21.7C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 430 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 430 MHz; σ = 0.9 mho/m; ε_r = 57; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.82, 7.82, 7.82); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.57 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 41.4 V/m; Power Drift = -0.350 dB
Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 1.52 mW/g; SAR(10 g) = 1.15 mW/g
Maximum value of SAR (measured) = 1.59 mW/g



Body SAR Plot B11

Date Tested: 08/17/2011

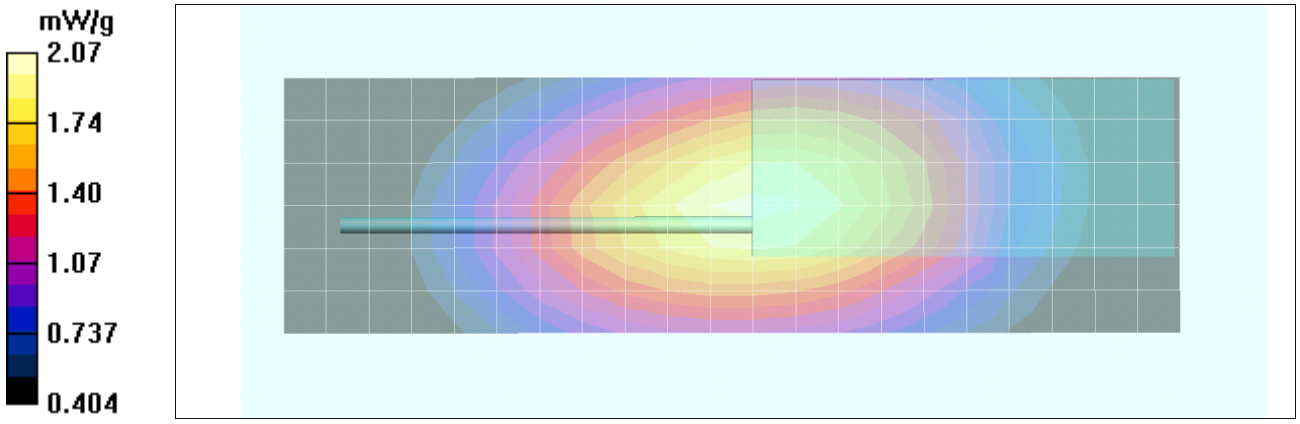
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 21.7C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 440 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 440 MHz; σ = 0.92 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.82, 7.82, 7.82); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.01 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 46.7 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 2.76 W/kg
SAR(1 g) = 1.99 mW/g; SAR(10 g) = 1.5 mW/g
Maximum value of SAR (measured) = 2.07 mW/g



Body SAR Plot B12

Date Tested: 08/17/2011

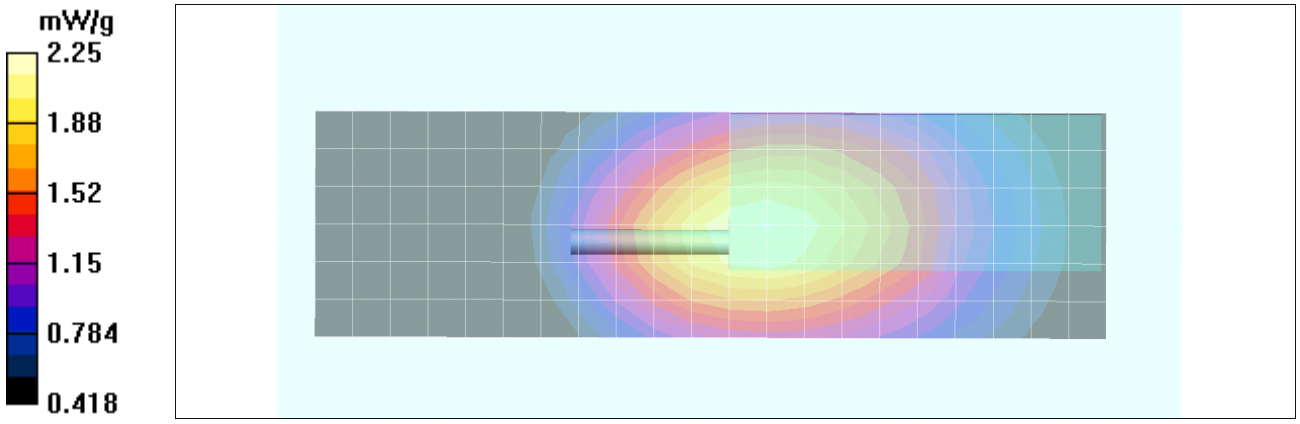
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 21.7C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 440 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 440 MHz; σ = 0.92 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.82, 7.82, 7.82); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.14 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 47.6 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 3.01 W/kg
SAR(1 g) = 2.16 mW/g; SAR(10 g) = 1.63 mW/g
Maximum value of SAR (measured) = 2.25 mW/g



Body SAR Plot B13

Date Tested: 08/17/2011

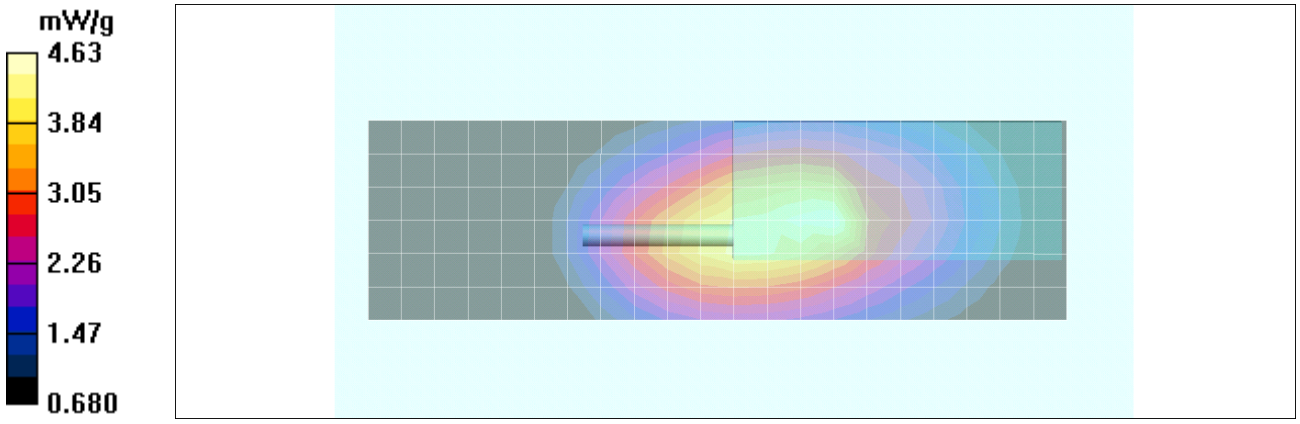
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 21.7C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 430 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 430 MHz; σ = 0.9 mho/m; ε_r = 57; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.82, 7.82, 7.82); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 4.65 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 65.9 V/m; Power Drift = -0.634 dB
Peak SAR (extrapolated) = 7.30 W/kg
SAR(1 g) = 4.38 mW/g; SAR(10 g) = 3.01 mW/g
Maximum value of SAR (measured) = 4.63 mW/g



Body SAR Plot B14

Date Tested: 08/17/2011

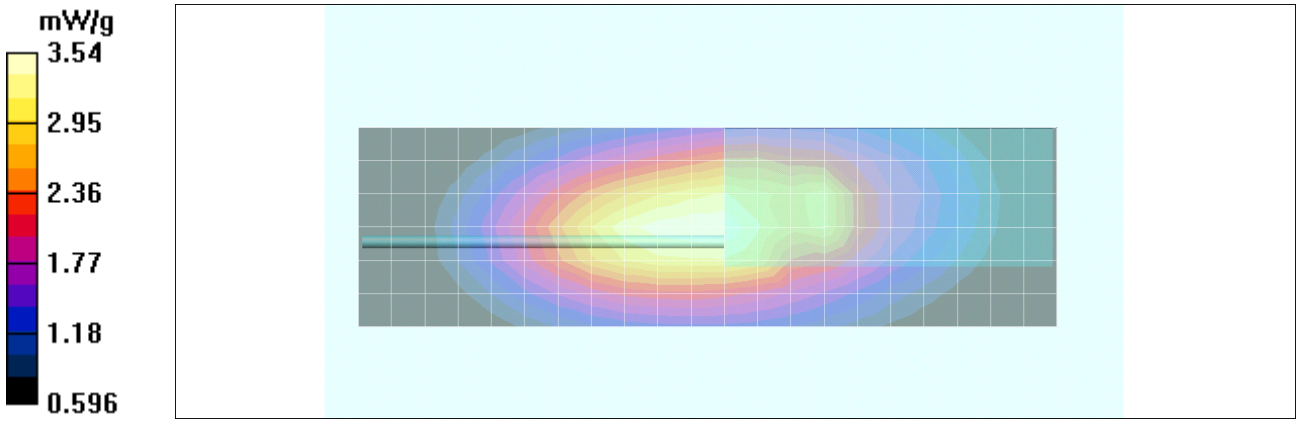
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 21.7C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 430 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 430 MHz; σ = 0.9 mho/m; ε_r = 57; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.82, 7.82, 7.82); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.53 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 62.0 V/m; Power Drift = -0.199 dB
Peak SAR (extrapolated) = 5.03 W/kg
SAR(1 g) = 3.4 mW/g; SAR(10 g) = 2.48 mW/g
Maximum value of SAR (measured) = 3.54 mW/g



Body SAR Plot B15

Date Tested: 08/17/2011

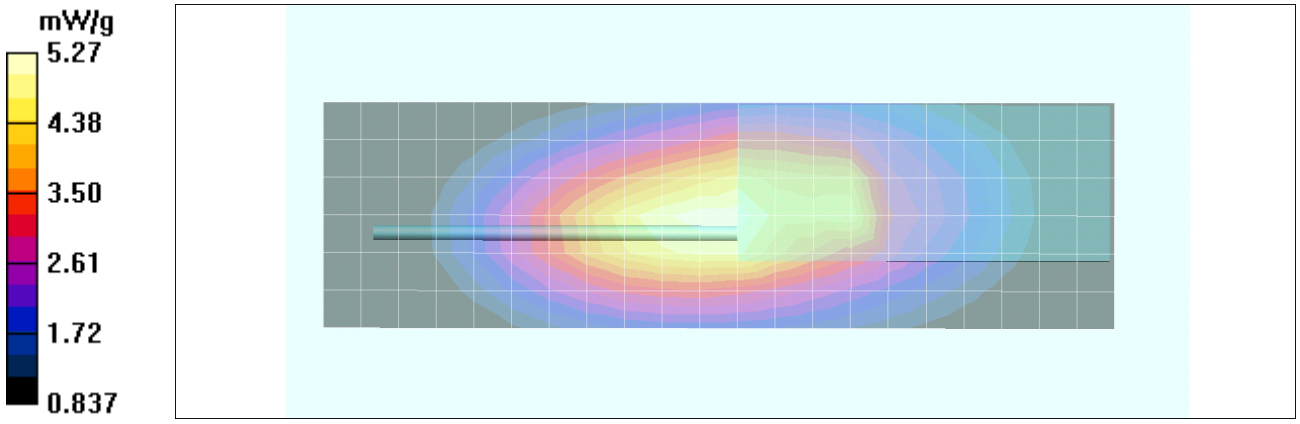
DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 21.7C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 440 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 440 MHz; σ = 0.92 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.82, 7.82, 7.82); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 5.15 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 72.0 V/m; Power Drift = -0.083 dB
Peak SAR (extrapolated) = 7.35 W/kg
SAR(1 g) = 5.04 mW/g; SAR(10 g) = 3.66 mW/g
Maximum value of SAR (measured) = 5.27 mW/g



Body SAR Plot B16

Date Tested: 08/17/2011

DUT: Harris XG-75; Type: UHF PTT Radio Transceiver; Serial: T2-UL-123

Ambient Temp: 23C; Fluid Temp: 21.7C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 440 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 440 MHz; σ = 0.92 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.82, 7.82, 7.82); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 4.57 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 68.8 V/m; Power Drift = -0.169 dB
Peak SAR (extrapolated) = 7.02 W/kg
SAR(1 g) = 4.74 mW/g; SAR(10 g) = 3.42 mW/g
Maximum value of SAR (measured) = 5.01 mW/g