Body SAR Plot B41

Date Tested: 09/22/2011

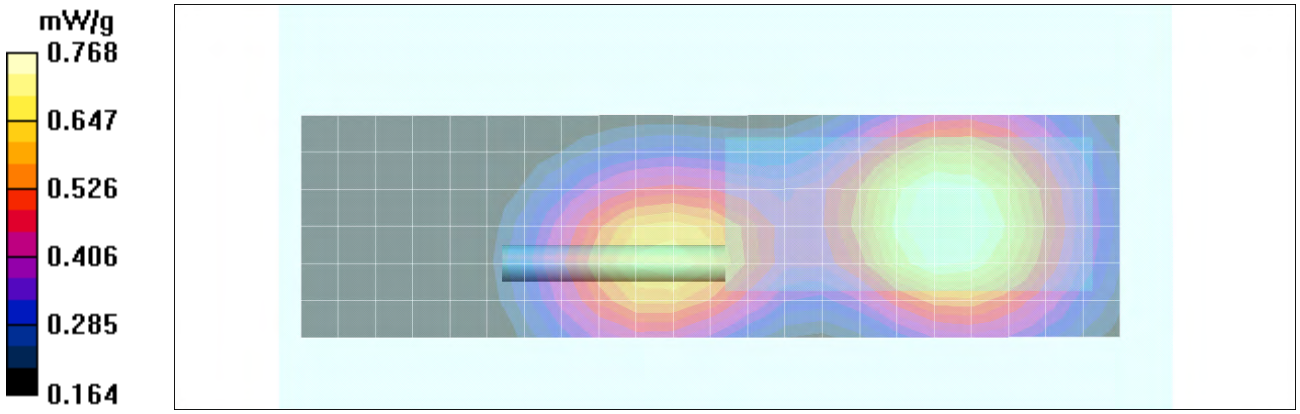
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.3C; Barometric Pressure: 101.1 kPa; Humidity: 36%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.925 mho/m; ε_r = 57.5; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.802 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.3 V/m; Power Drift = -0.098 dB
Peak SAR (extrapolated) = 0.871 W/kg
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.578 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.768 mW/g



Body SAR Plot B42

Date Tested: 09/13/2011

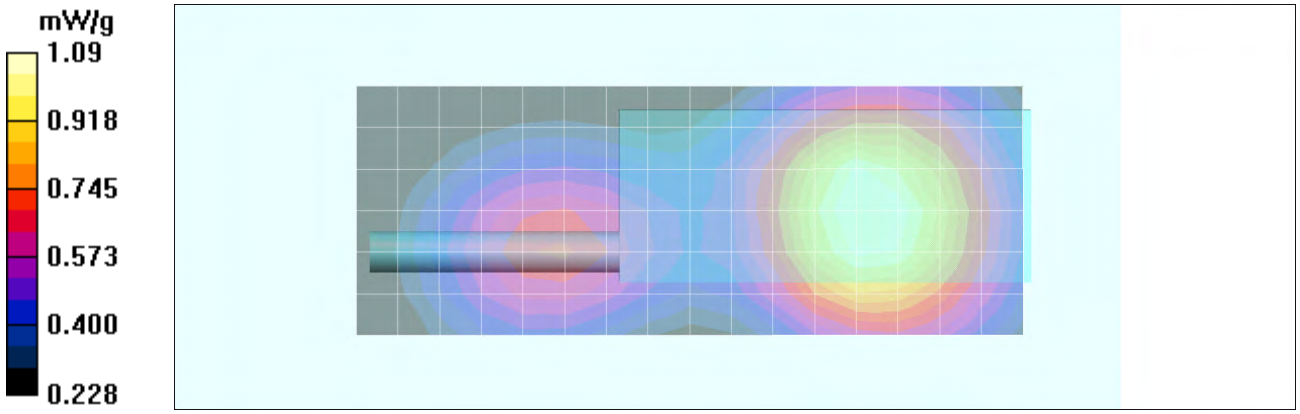
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.1C; Barometric Pressure: 101.1 kPa; Humidity: 36%

Communication System: CW
Frequency: 802 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 802 MHz; σ = 0.934 mho/m; ε_r = 57.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x17x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.12 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 24.5 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.819 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.09 mW/g



Body SAR Plot B43

Date Tested: 09/13/2011

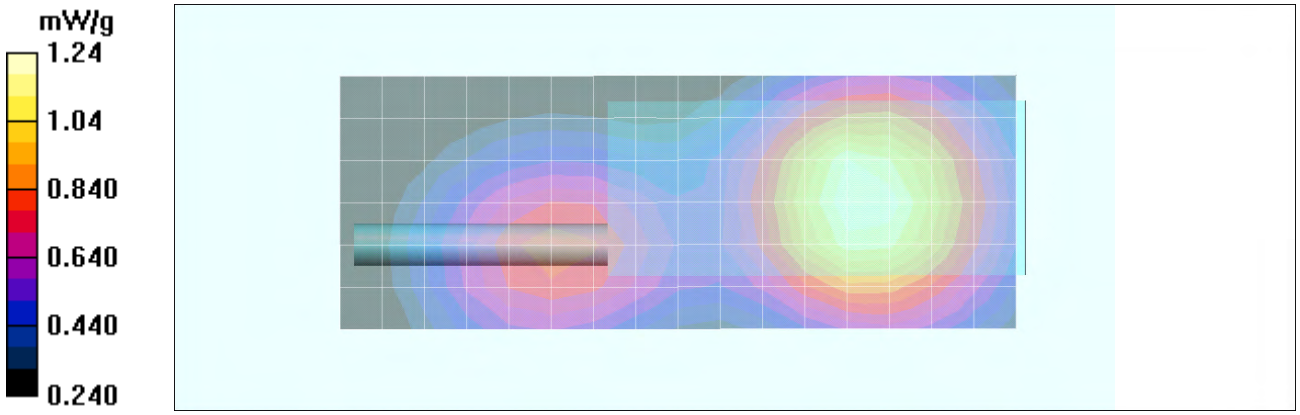
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.1C; Barometric Pressure: 101.1 kPa; Humidity: 36%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.94 mho/m; ε_r = 57.3; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x17x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.24 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.7 V/m; Power Drift = -0.200 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.920 mW/g
Info: Interpolated medium parameters used for SAR evaluation.



Body SAR Plot B44

Date Tested: 09/13/2011

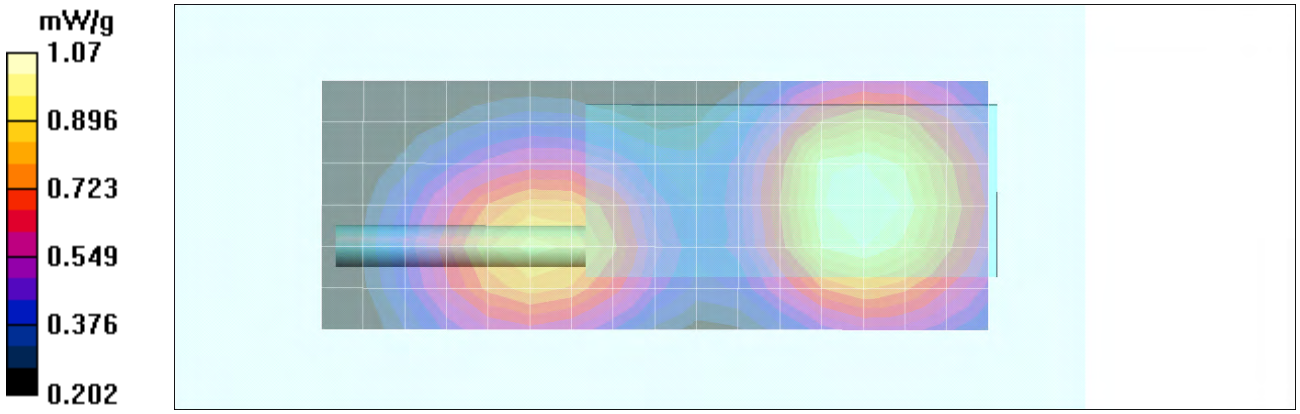
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.1C; Barometric Pressure: 101.1 kPa; Humidity: 36%

Communication System: CW
Frequency: 851 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 851 MHz; σ = 0.986 mho/m; ε_r = 57.1; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x17x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.10 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 27.7 V/m; Power Drift = -0.180 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.786 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.07 mW/g



Body SAR Plot B45

Date Tested: 09/22/2011

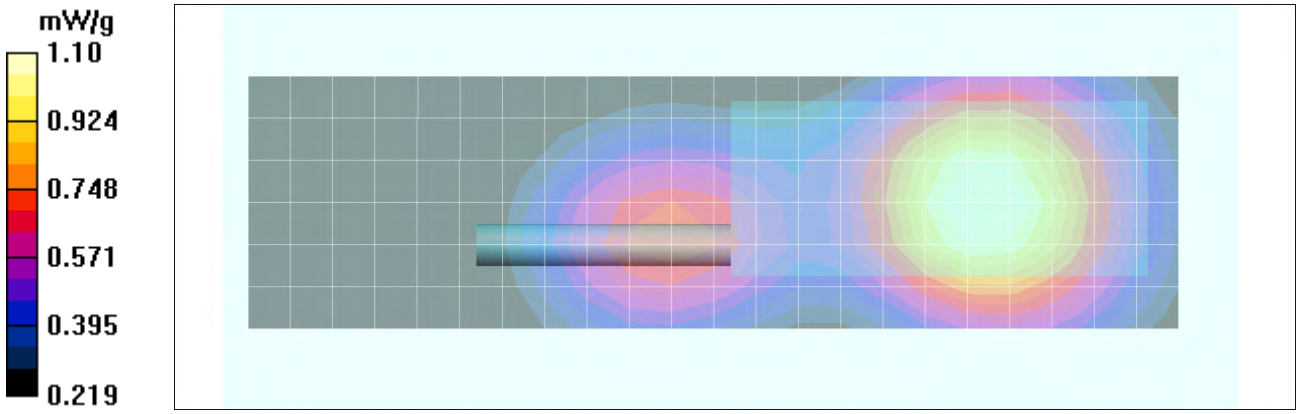
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.3C; Barometric Pressure: 101.1 kPa; Humidity: 36%

Communication System: CW
Frequency: 802 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 802 MHz; σ = 0.953 mho/m; ε_r = 57.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.14 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.5 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.817 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.10 mW/g



Body SAR Plot B46

Date Tested: 09/22/2011

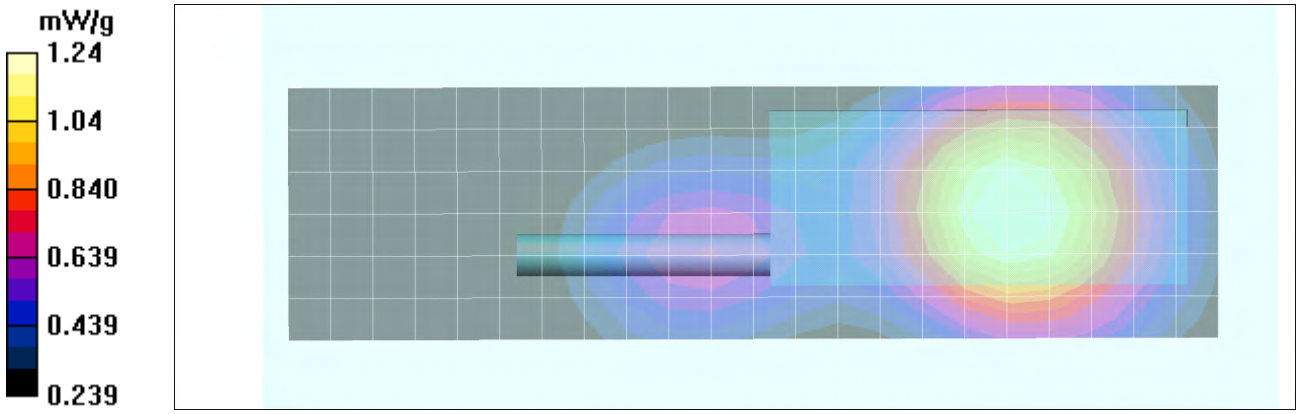
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.3C; Barometric Pressure: 101.1 kPa; Humidity: 36%

Communication System: CW
Frequency: 802 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 802 MHz; σ = 0.953 mho/m; ε_r = 57.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.28 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.6 V/m; Power Drift = -0.202 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.911 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.24 mW/g



Body SAR Plot B47

Date Tested: 09/22/2011

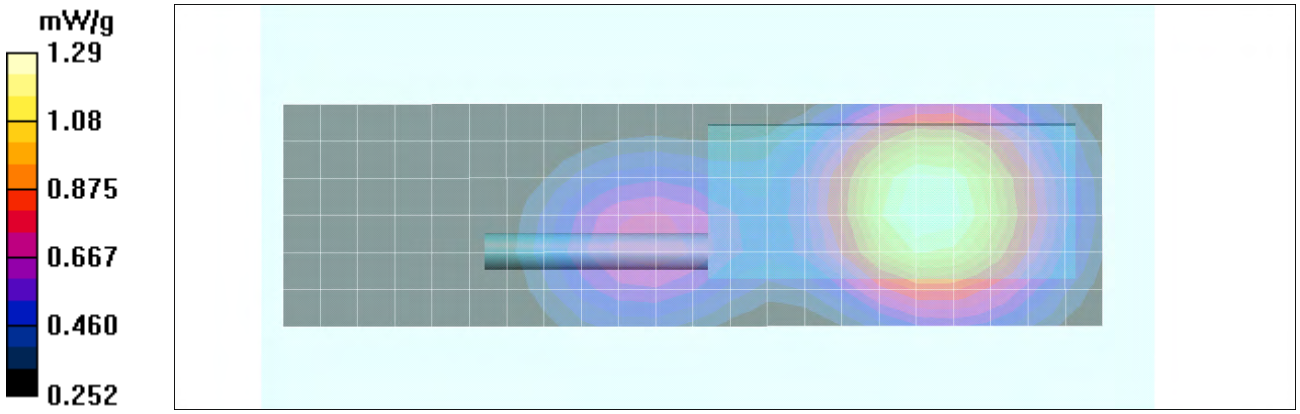
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.3C; Barometric Pressure: 101.1 kPa; Humidity: 36%

Communication System: CW
Frequency: 802 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 802 MHz; σ = 0.953 mho/m; ε_r = 57.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.30 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.1 V/m; Power Drift = -0.186 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.944 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.29 mW/g



Body SAR Plot B48

Date Tested: 09/13/2011

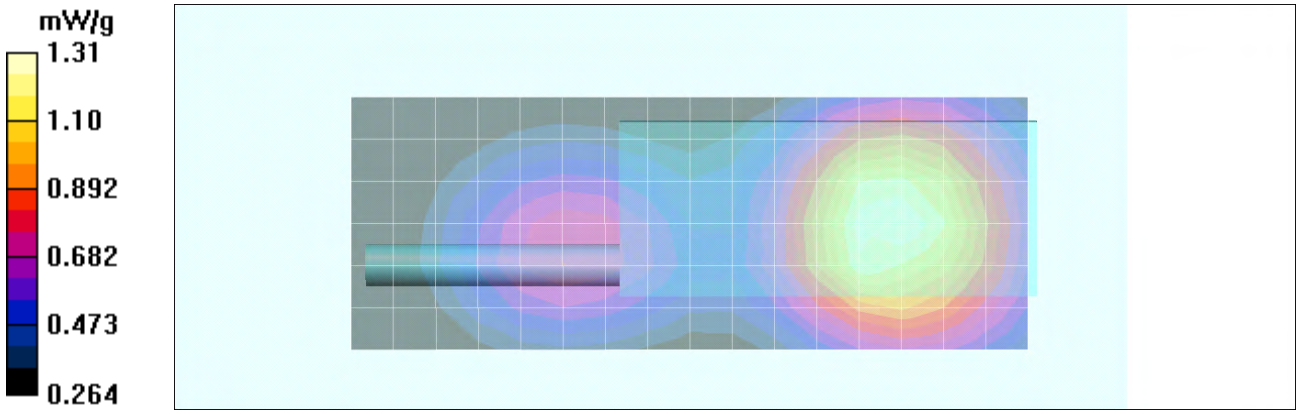
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.1C; Barometric Pressure: 101.1 kPa; Humidity: 36%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.94 mho/m; ε_r = 57.3; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x17x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.33 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 27.6 V/m; Power Drift = -0.239 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.973 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.31 mW/g



Body SAR Plot B49

Date Tested: 09/13/2011

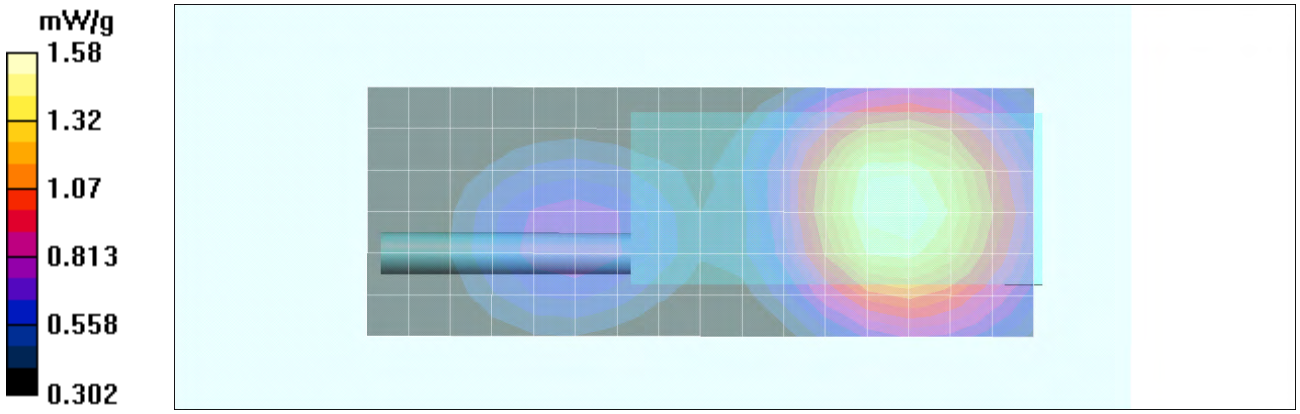
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.1C; Barometric Pressure: 101.1 kPa; Humidity: 36%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.94 mho/m; ε_r = 57.3; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x17x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.59 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 25.6 V/m; Power Drift = -0.155 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.5 mW/g; SAR(10 g) = 1.16 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.58 mW/g



Body SAR Plot B50

Date Tested: 09/23/2011

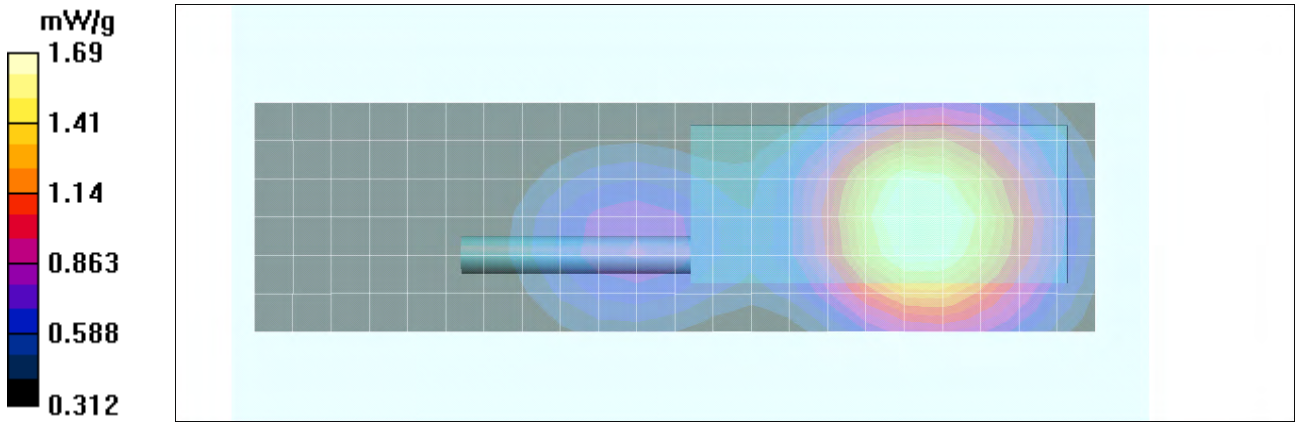
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.3C; Barometric Pressure: 101.1 kPa; Humidity: 33%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.998 mho/m; ε_r = 57.1; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.78 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.8 V/m; Power Drift = -0.225 dB
Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 1.61 mW/g; SAR(10 g) = 1.24 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.69 mW/g



Body SAR Plot B51

Date Tested: 09/12/2011

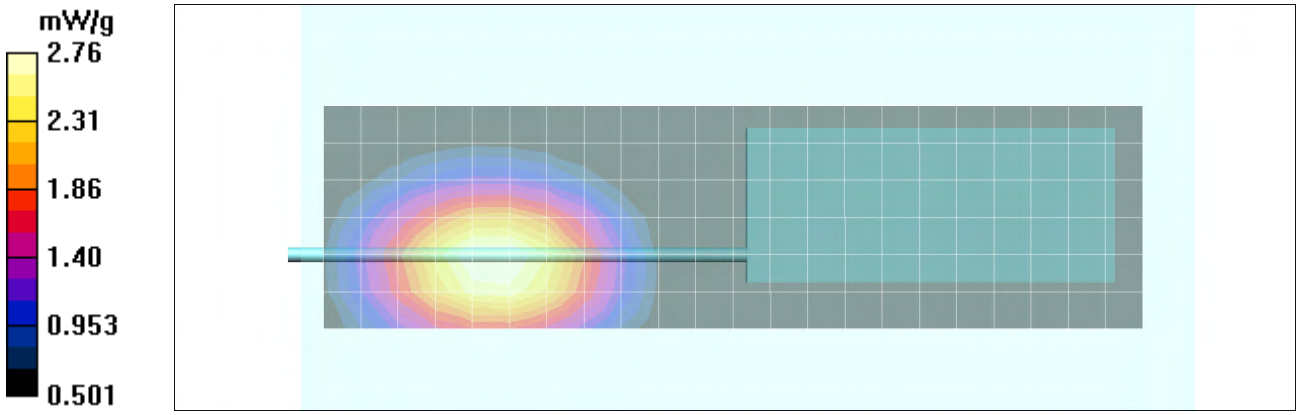
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 24.0C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.92 mho/m; ε_r = 57.4; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.80 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.425 dB
Peak SAR (extrapolated) = 3.19 W/kg
SAR(1 g) = 2.63 mW/g; SAR(10 g) = 1.98 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.76 mW/g



Body SAR Plot B52

Date Tested: 09/12/2011

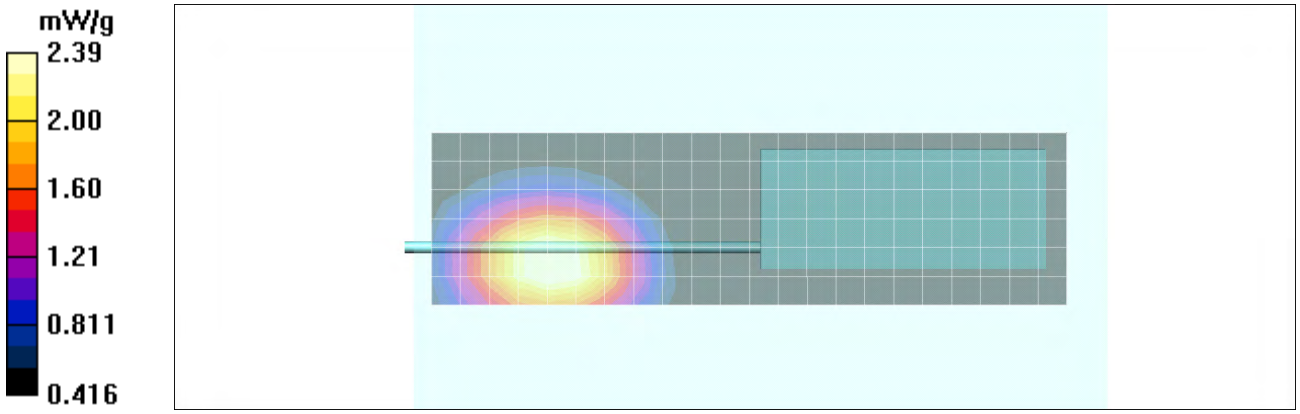
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 24.0C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 802 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 802 MHz; σ = 0.93 mho/m; ε_r = 57.1; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.45 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.33 V/m; Power Drift = -0.693 dB
Peak SAR (extrapolated) = 2.78 W/kg
SAR(1 g) = 2.27 mW/g; SAR(10 g) = 1.71 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.39 mW/g



Body SAR Plot B53

Date Tested: 09/13/2011

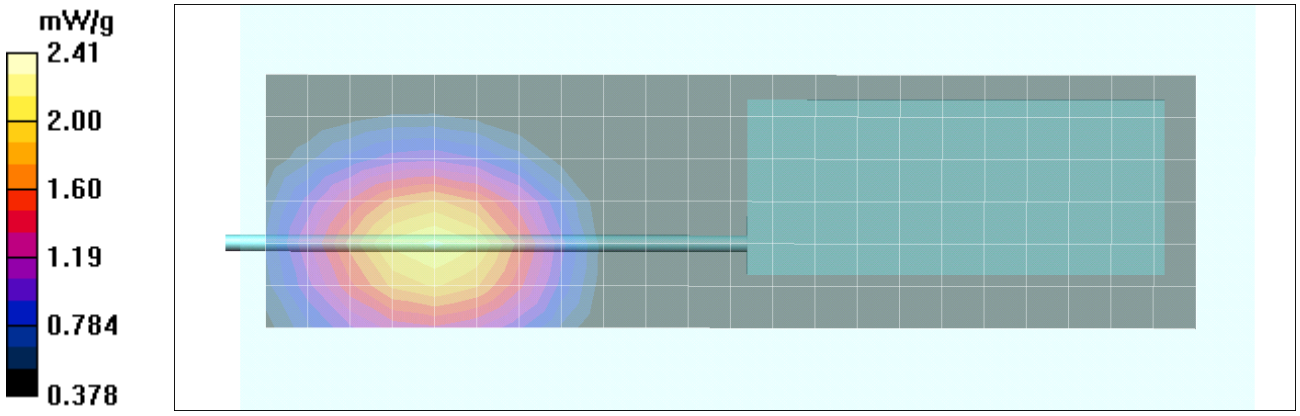
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.1C; Barometric Pressure: 101.1 kPa; Humidity: 36%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.94 mho/m; ε_r = 57.3; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.18 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.53 V/m; Power Drift = 0.762 dB
Peak SAR (extrapolated) = 2.81 W/kg
SAR(1 g) = 2.28 mW/g; SAR(10 g) = 1.7 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.41 mW/g



Body SAR Plot B54

Date Tested: 09/13/2011

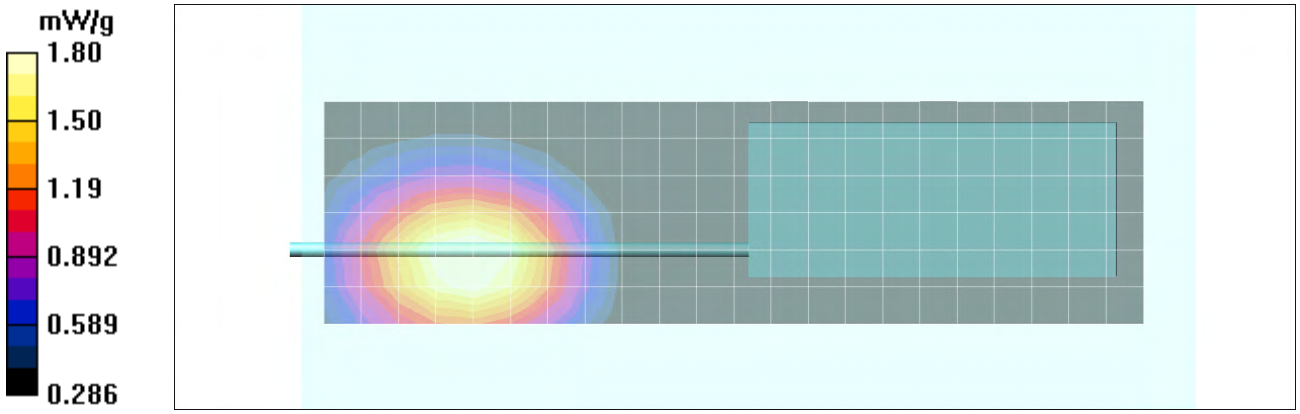
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.1C; Barometric Pressure: 101.1 kPa; Humidity: 36%

Communication System: CW
Frequency: 851 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 851 MHz; σ = 0.986 mho/m; ε_r = 57.1; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.89 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 1.7 mW/g; SAR(10 g) = 1.26 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.80 mW/g



Body SAR Plot B55

Date Tested: 09/12/2011

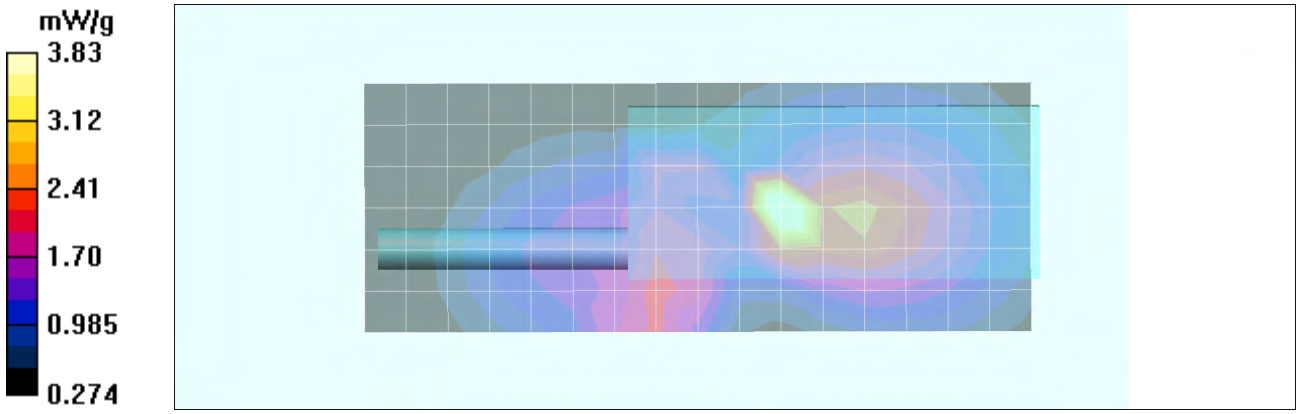
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 24.0C; Barometric Pressure: 101.1 kPa; Humidity: 34%

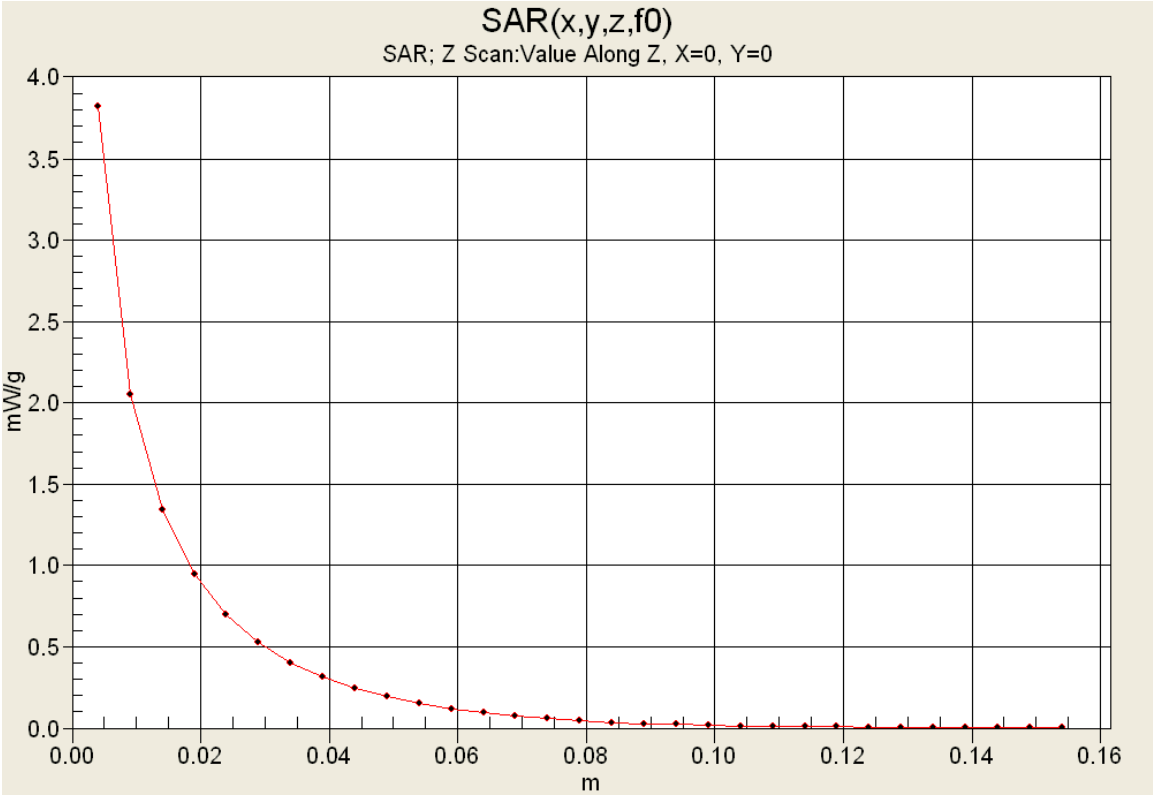
Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.92 mho/m; ε_r = 57.4; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x17x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 4.75 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 41.2 V/m; Power Drift = -0.093 dB
Peak SAR (extrapolated) = 10.5 W/kg
SAR(1 g) = 3.74 mW/g; SAR(10 g) = 1.91 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 3.83 mW/g



Z-Axis Scan



Body SAR Plot B56

Date Tested: 09/12/2011

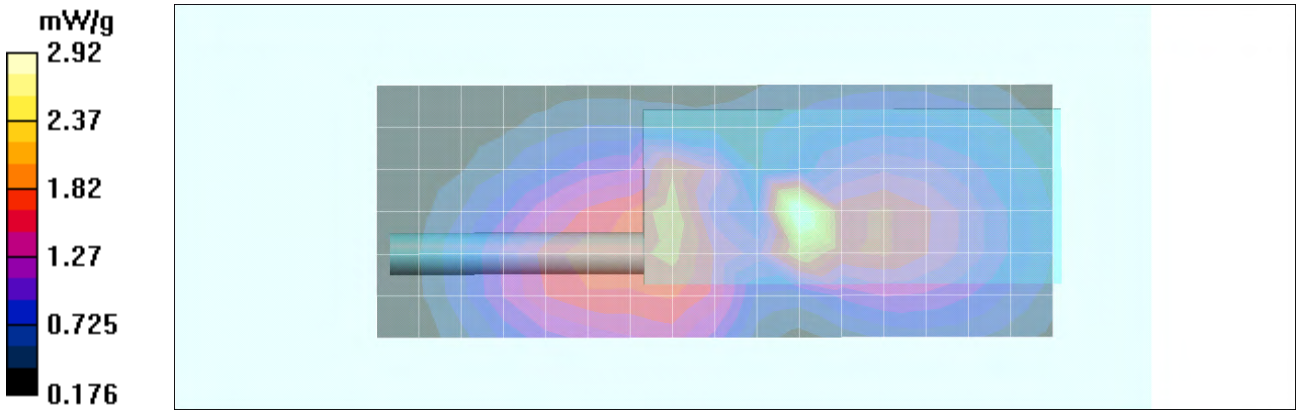
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 24.0C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 802 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 802 MHz; σ = 0.93 mho/m; ε_r = 57.1; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x17x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 3.15 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 43.5 V/m; Power Drift = -0.074 dB
Peak SAR (extrapolated) = 8.91 W/kg
SAR(1 g) = 2.85 mW/g; SAR(10 g) = 1.36 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.92 mW/g



Body SAR Plot B57

Date Tested: 09/13/2011

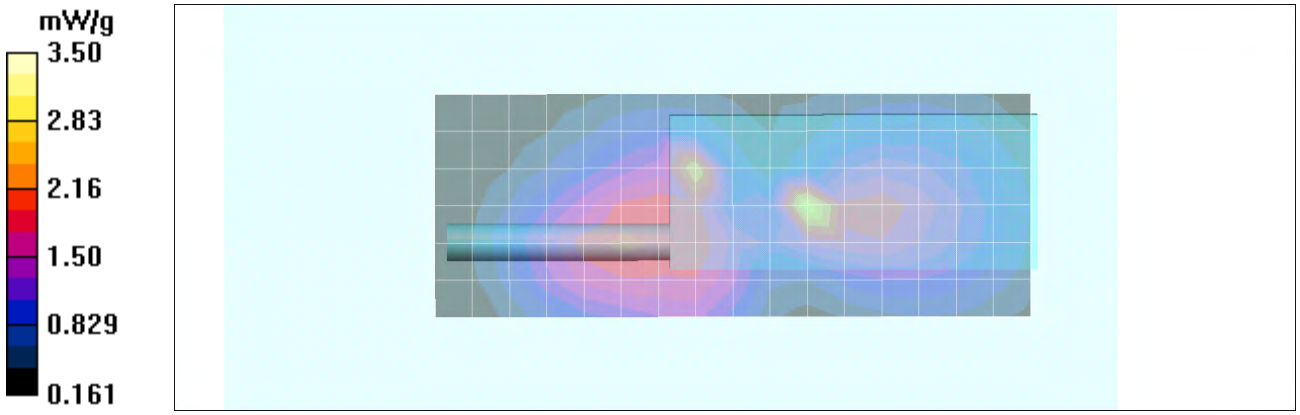
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.1C; Barometric Pressure: 101.1 kPa; Humidity: 36%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.94 mho/m; ε_r = 57.3; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- 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 (7x17x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.85 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 47.3 V/m; Power Drift = -0.238 dB
Peak SAR (extrapolated) = 8.98 W/kg
SAR(1 g) = 2.89 mW/g; SAR(10 g) = 1.4 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 3.50 mW/g



Body SAR Plot B58

Date Tested: 09/13/2011

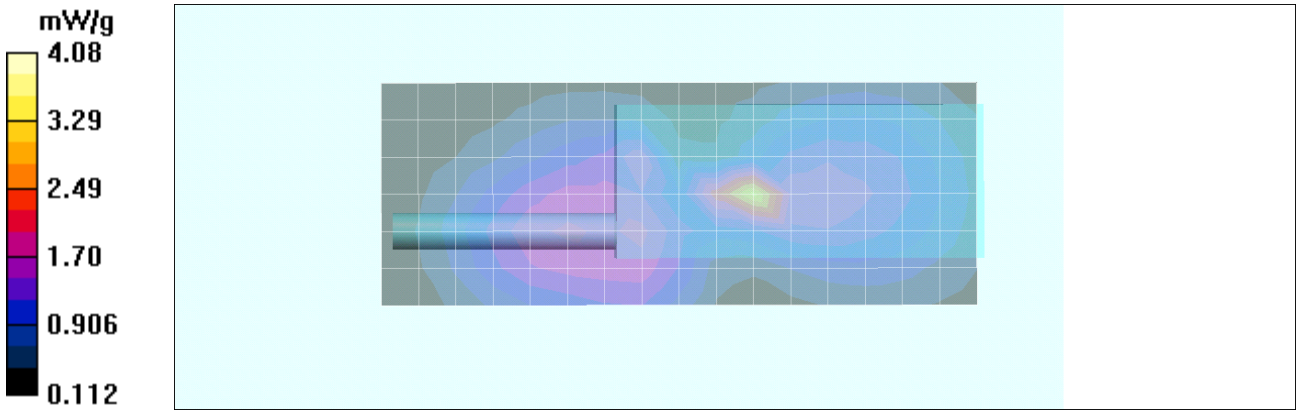
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.1C; Barometric Pressure: 101.1 kPa; Humidity: 36%

Communication System: CW
Frequency: 851 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 851 MHz; σ = 0.986 mho/m; ε_r = 57.1; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x17x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 3.15 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 41.2 V/m; Power Drift = -0.487 dB
Peak SAR (extrapolated) = 12.7 W/kg
SAR(1 g) = 3.64 mW/g; SAR(10 g) = 1.49 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 4.08 mW/g



Body SAR Plot B59

Date Tested: 09/23/2011

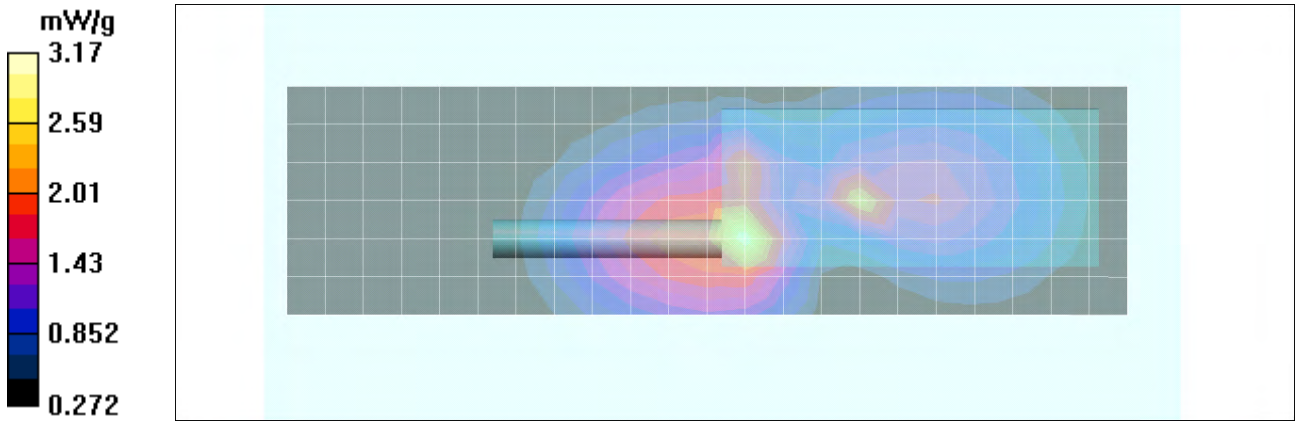
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.3C; Barometric Pressure: 101.1 kPa; Humidity: 33%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.945 mho/m; ε_r = 57.4; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 3.01 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 42.9 V/m; Power Drift = -0.055 dB
Peak SAR (extrapolated) = 6.15 W/kg
SAR(1 g) = 2.76 mW/g; SAR(10 g) = 1.63 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 3.17 mW/g



Body SAR Plot B60

Date Tested: 09/23/2011

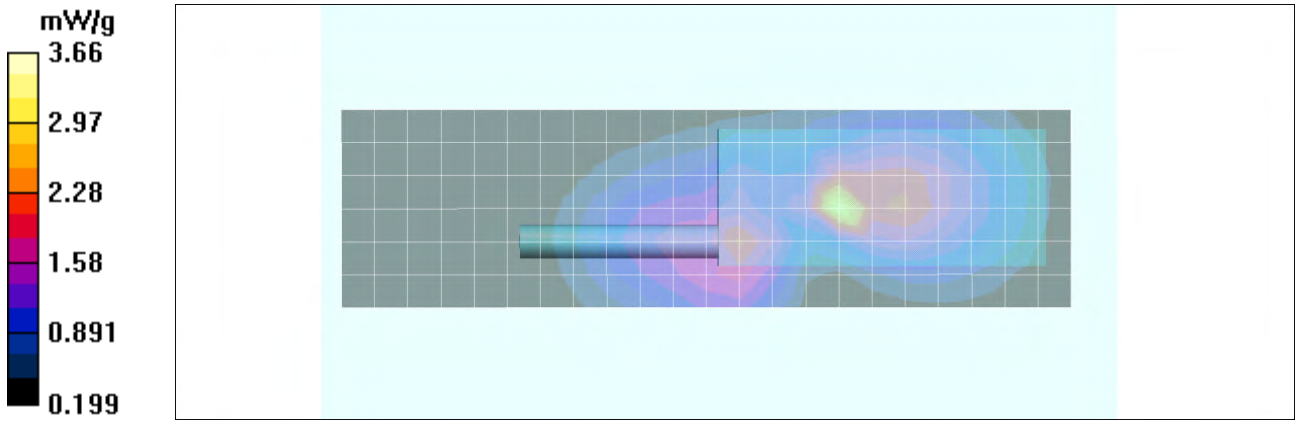
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.3C; Barometric Pressure: 101.1 kPa; Humidity: 33%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.945 mho/m; ε_r = 57.4; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 3.22 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 37.6 V/m; Power Drift = -0.153 dB
Peak SAR (extrapolated) = 9.95 W/kg
SAR(1 g) = 3.31 mW/g; SAR(10 g) = 1.66 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 3.66 mW/g



Body SAR Plot B61

Date Tested: 09/23/2011

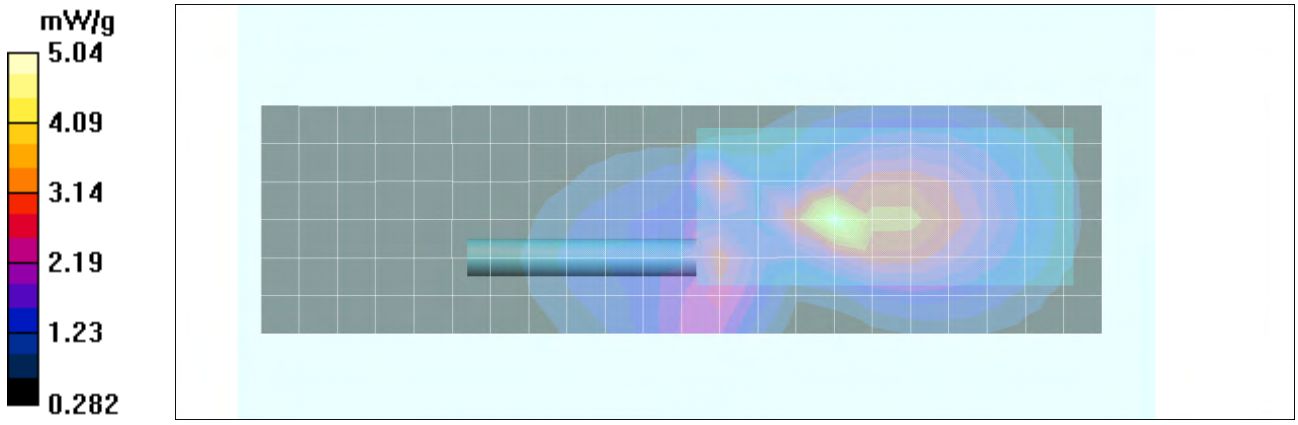
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.3C; Barometric Pressure: 101.1 kPa; Humidity: 33%

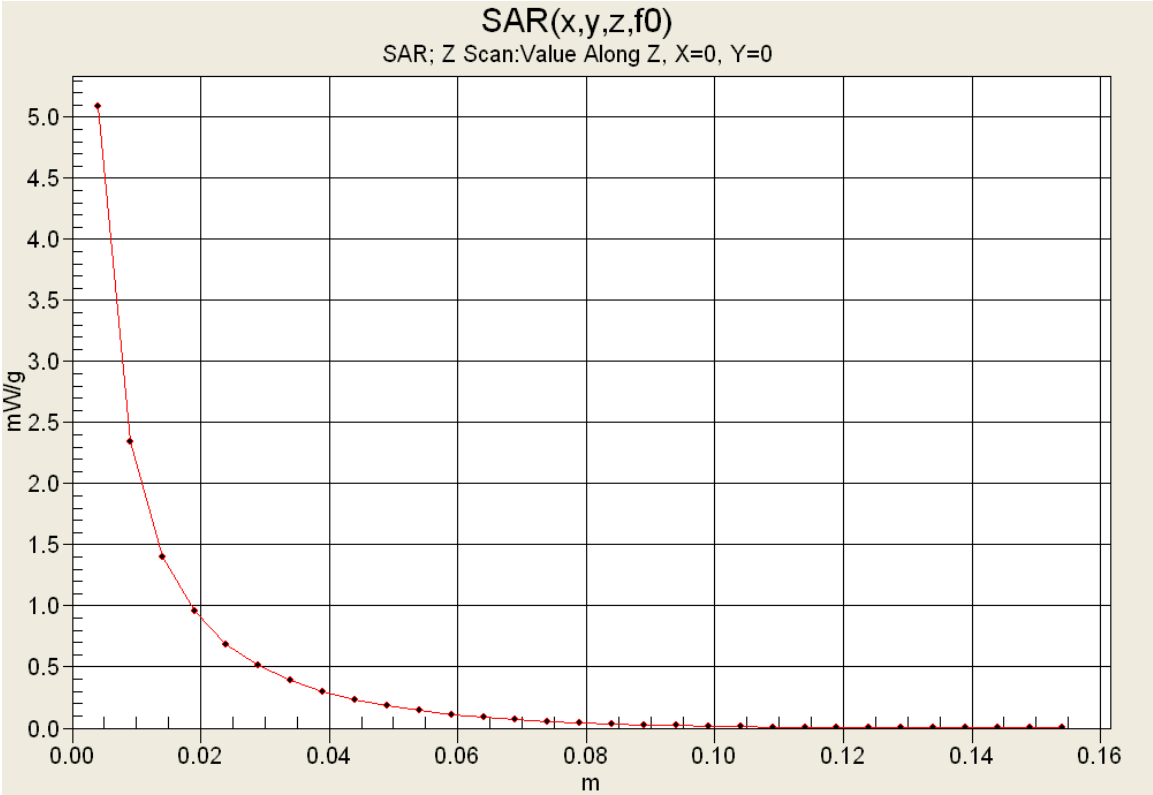
Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.945 mho/m; ε_r = 57.4; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 4.87 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 42.9 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 14.0 W/kg
SAR(1 g) = 4.76 mW/g; SAR(10 g) = 2.45 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.04 mW/g



Z-Axis Scan



Body SAR Plot B62

Date Tested: 09/13/2011

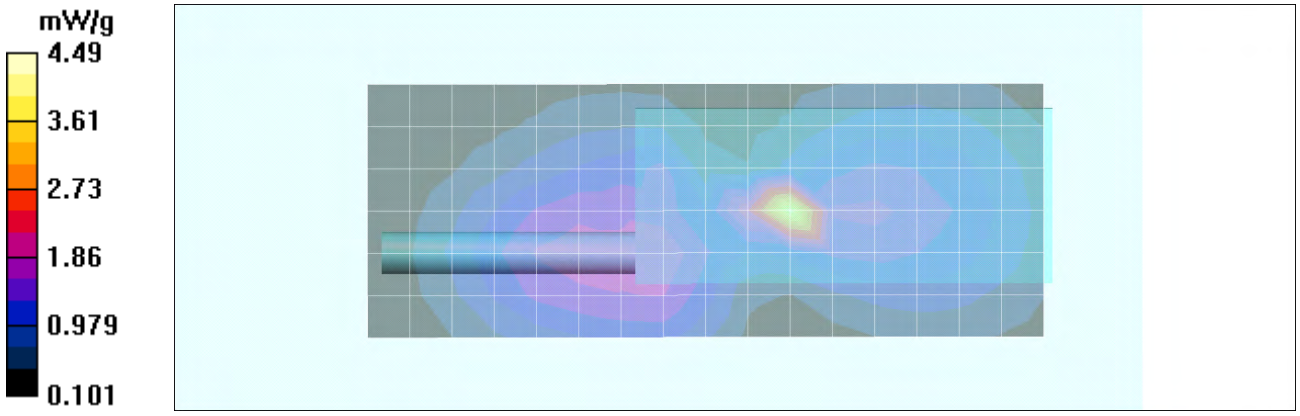
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.1C; Barometric Pressure: 101.1 kPa; Humidity: 36%

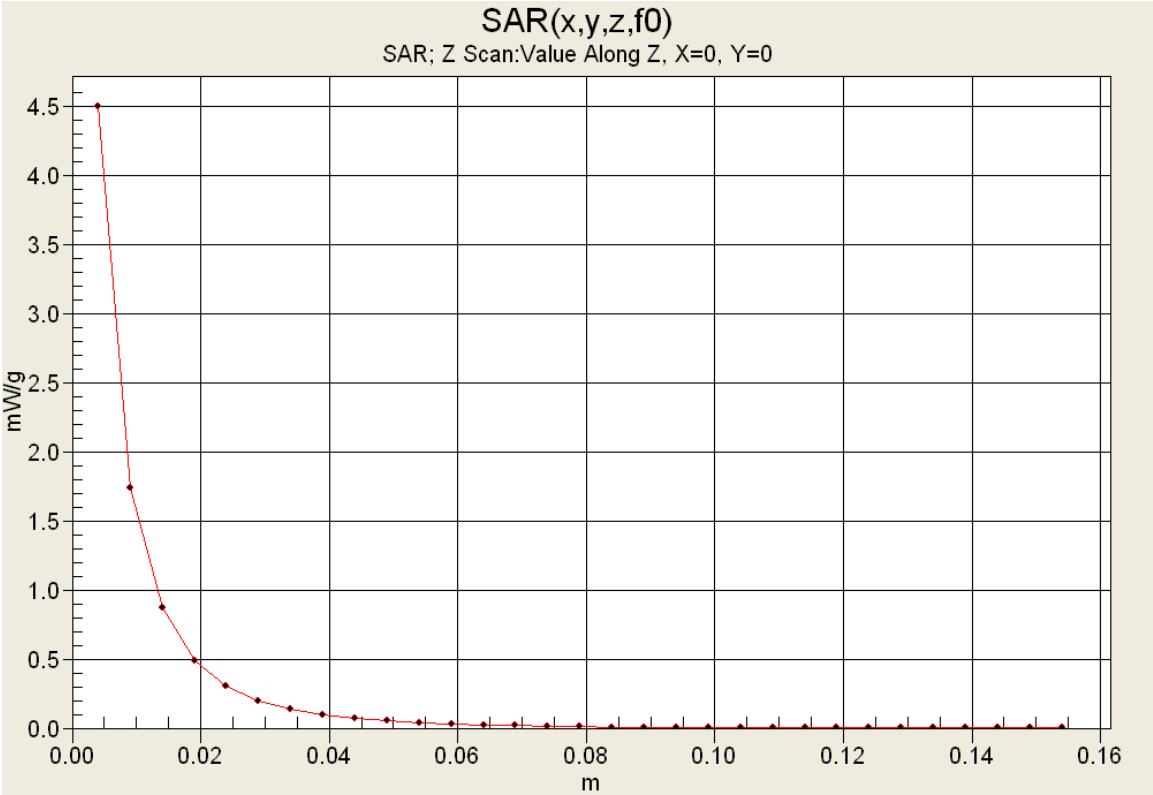
Communication System: CW
Frequency: 851 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 851 MHz; σ = 0.986 mho/m; ε_r = 57.1; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x17x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 4.04 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 39.1 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 16.6 W/kg
SAR(1 g) = 4.22 mW/g; SAR(10 g) = 1.6 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 4.49 mW/g



Z-Axis Scan



Body SAR Plot B63

Date Tested: 09/13/2011

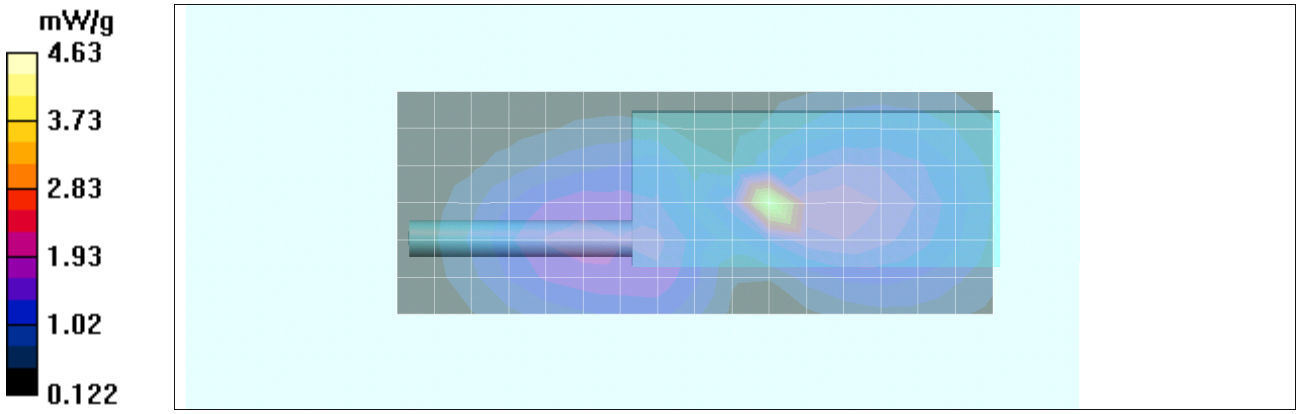
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.1C; Barometric Pressure: 101.1 kPa; Humidity: 36%

Communication System: CW
Frequency: 851 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 851 MHz; σ = 0.986 mho/m; ε_r = 57.1; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x17x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 4.17 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 38.8 V/m; Power Drift = -0.136 dB
Peak SAR (extrapolated) = 14.4 W/kg
SAR(1 g) = 4.07 mW/g; SAR(10 g) = 1.74 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 4.63 mW/g



Body SAR Plot B64

Date Tested: 09/23/2011

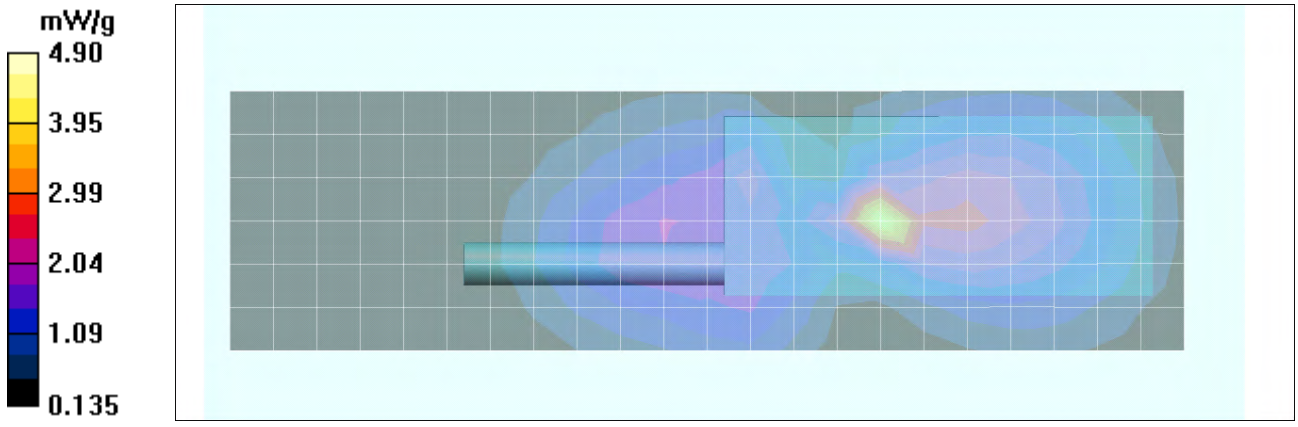
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.3C; Barometric Pressure: 101.1 kPa; Humidity: 33%

Communication System: CW
Frequency: 851 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 851 MHz; σ = 1.01 mho/m; ε_r = 56.9; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 4.35 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 41.5 V/m; Power Drift = -0.075 dB
Peak SAR (extrapolated) = 19.6 W/kg
SAR(1 g) = 4.69 mW/g; SAR(10 g) = 1.94 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 4.90 mW/g



Body SAR Plot B65

Date Tested: 12/06/2011

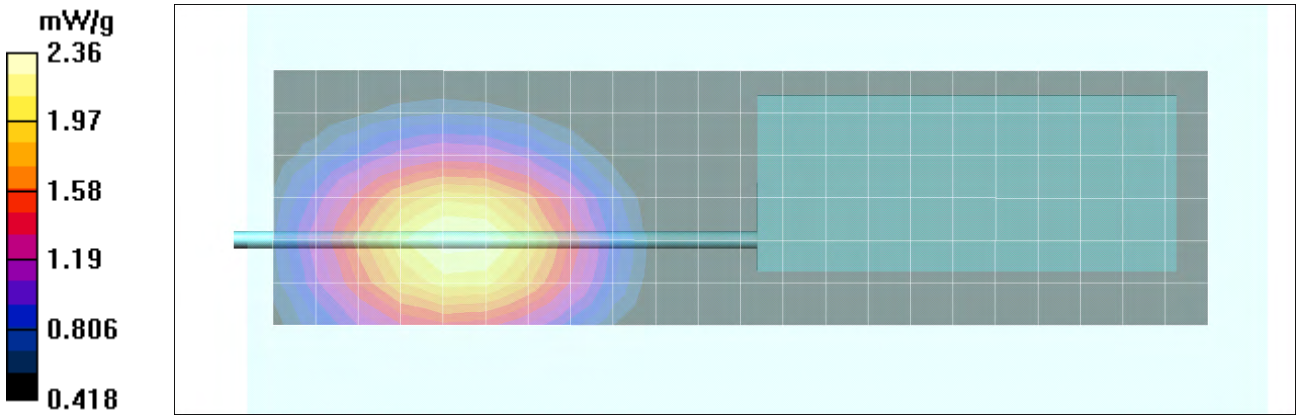
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 21.1C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.92 mho/m; ε_r = 56.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.32 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.56 V/m; Power Drift = -0.316 dB
Peak SAR (extrapolated) = 2.71 W/kg
SAR(1 g) = 2.23 mW/g; SAR(10 g) = 1.68 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.36 mW/g



Body SAR Plot B66

Date Tested: 12/06/2011

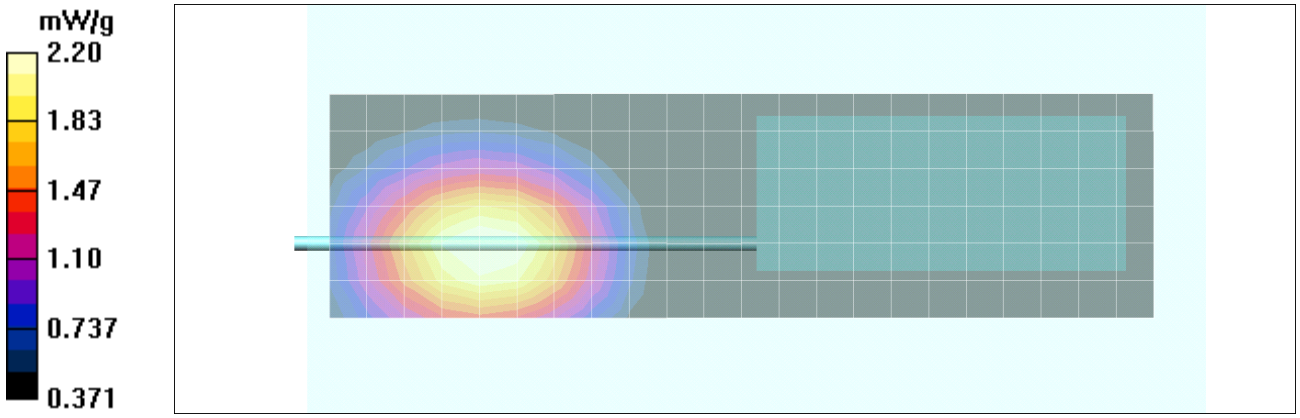
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 21.1C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW
Frequency: 802 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 802 MHz; σ = 0.95 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.29 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.87 V/m; Power Drift = -0.314 dB
Peak SAR (extrapolated) = 2.56 W/kg
SAR(1 g) = 2.09 mW/g; SAR(10 g) = 1.56 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.20 mW/g



Body SAR Plot B67

Date Tested: 12/06/2011

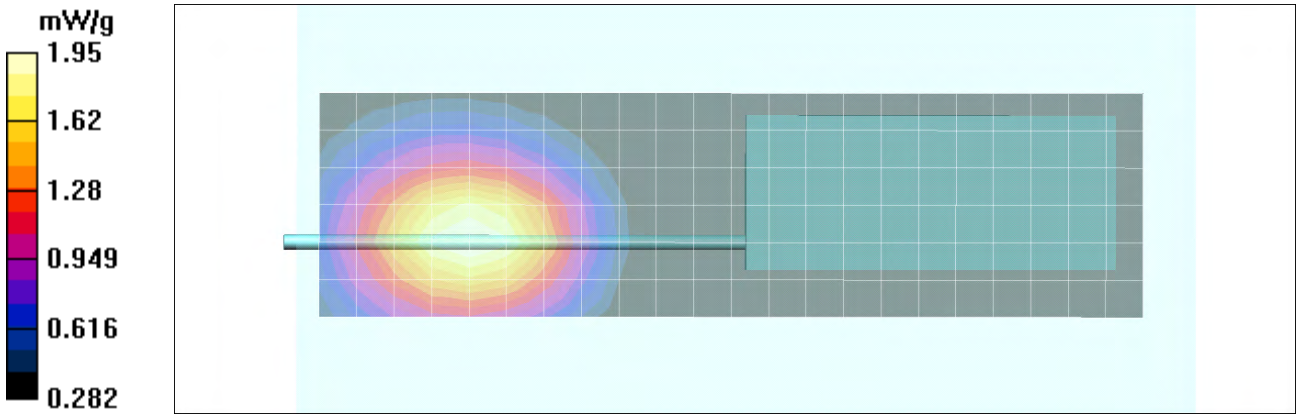
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 21.1C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.97 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.01 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.49 V/m; Power Drift = -0.058 dB
Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 1.85 mW/g; SAR(10 g) = 1.37 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.95 mW/g



Body SAR Plot B68

Date Tested: 12/05/2011

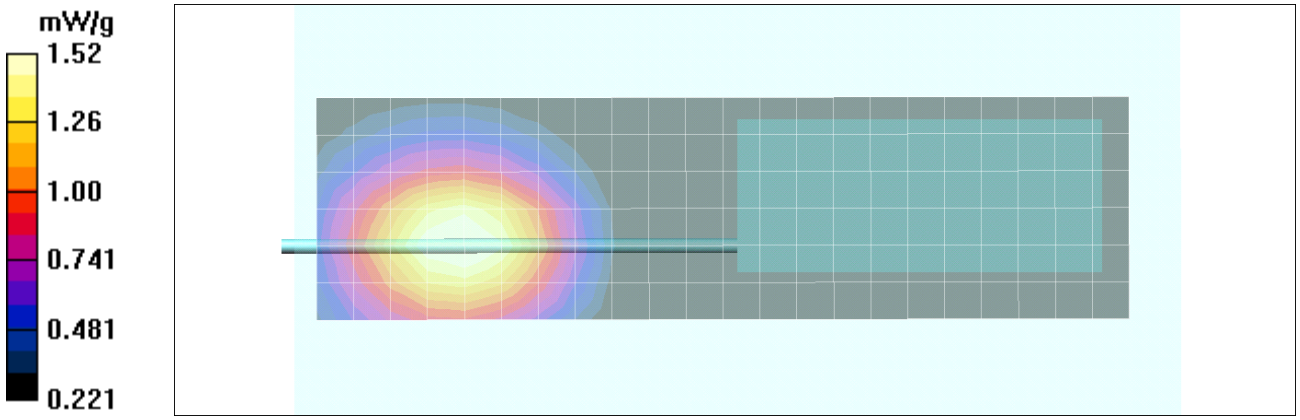
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 20.6C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW
Frequency: 851 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 851 MHz; σ = 0.994 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.61 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.69 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 1.43 mW/g; SAR(10 g) = 1.06 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.52 mW/g



Body SAR Plot B69

Date Tested: 12/06/2011

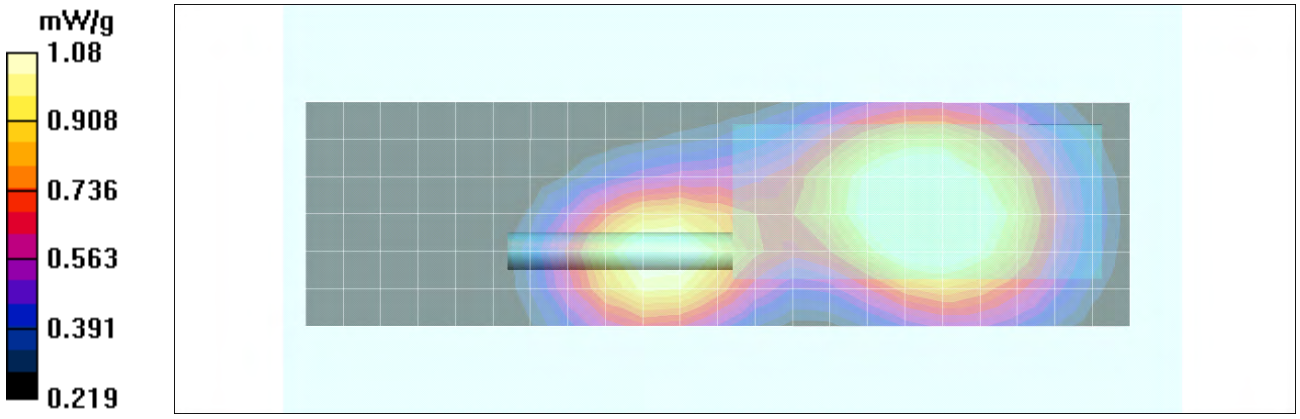
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 21.1C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.92 mho/m; ε_r = 56.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.27 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.4 V/m; Power Drift = -0.083 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.791 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.08 mW/g



Body SAR Plot B70

Date Tested: 12/06/2011

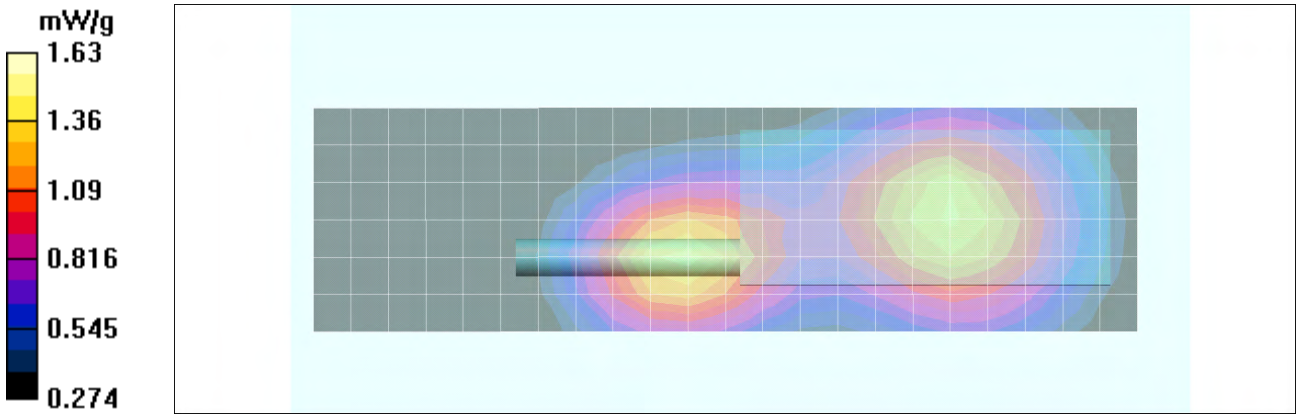
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 21.1C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW
Frequency: 802 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 802 MHz; σ = 0.95 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.41 mW/g
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.7 V/m; Power Drift = 0.582 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.55 mW/g; SAR(10 g) = 1.18 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.63 mW/g



Body SAR Plot B71

Date Tested: 12/06/2011

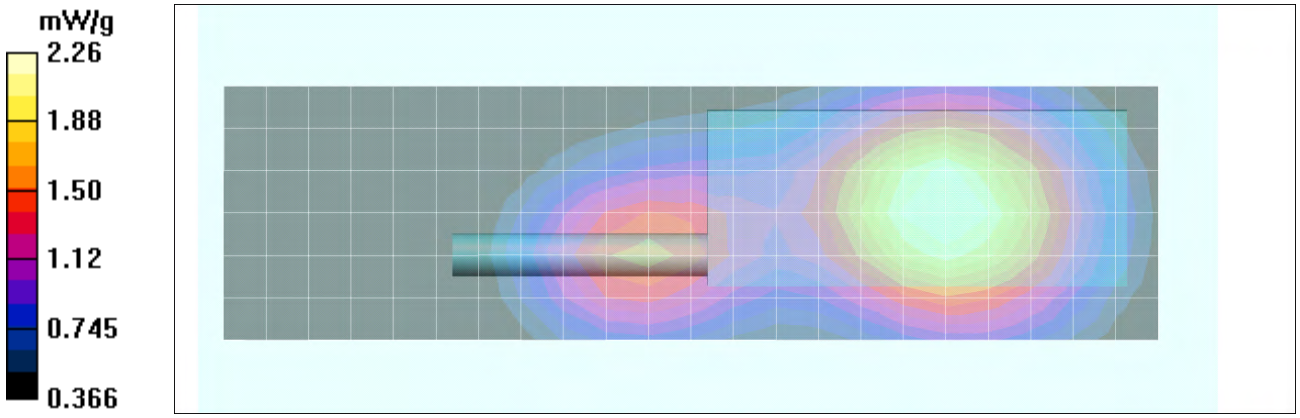
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 21.1C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.97 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.34 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.9 V/m; Power Drift = -0.265 dB
Peak SAR (extrapolated) = 2.58 W/kg
SAR(1 g) = 2.13 mW/g; SAR(10 g) = 1.61 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.26 mW/g



Body SAR Plot B72

Date Tested: 12/05/2011

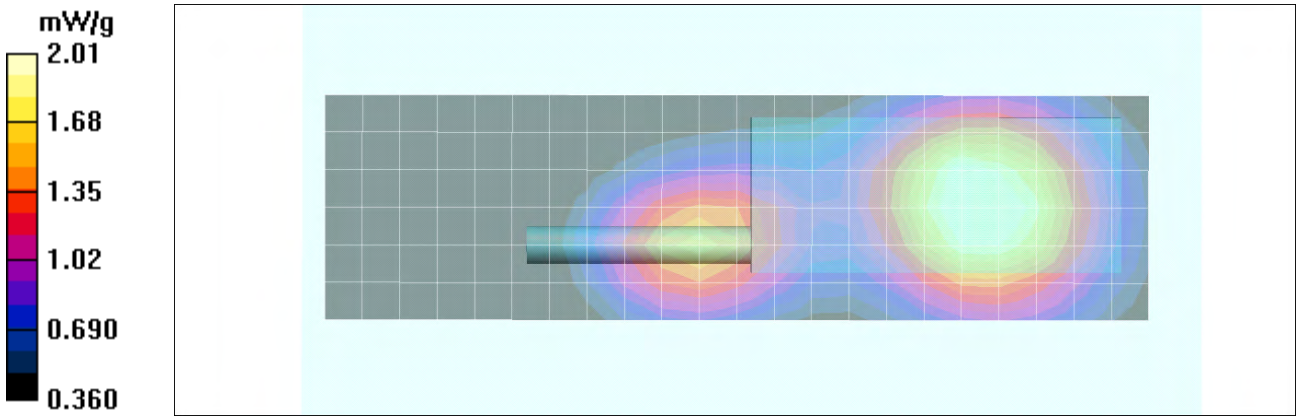
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 20.6C; Barometric Pressure: 101.1 kPa; Humidity: 30%

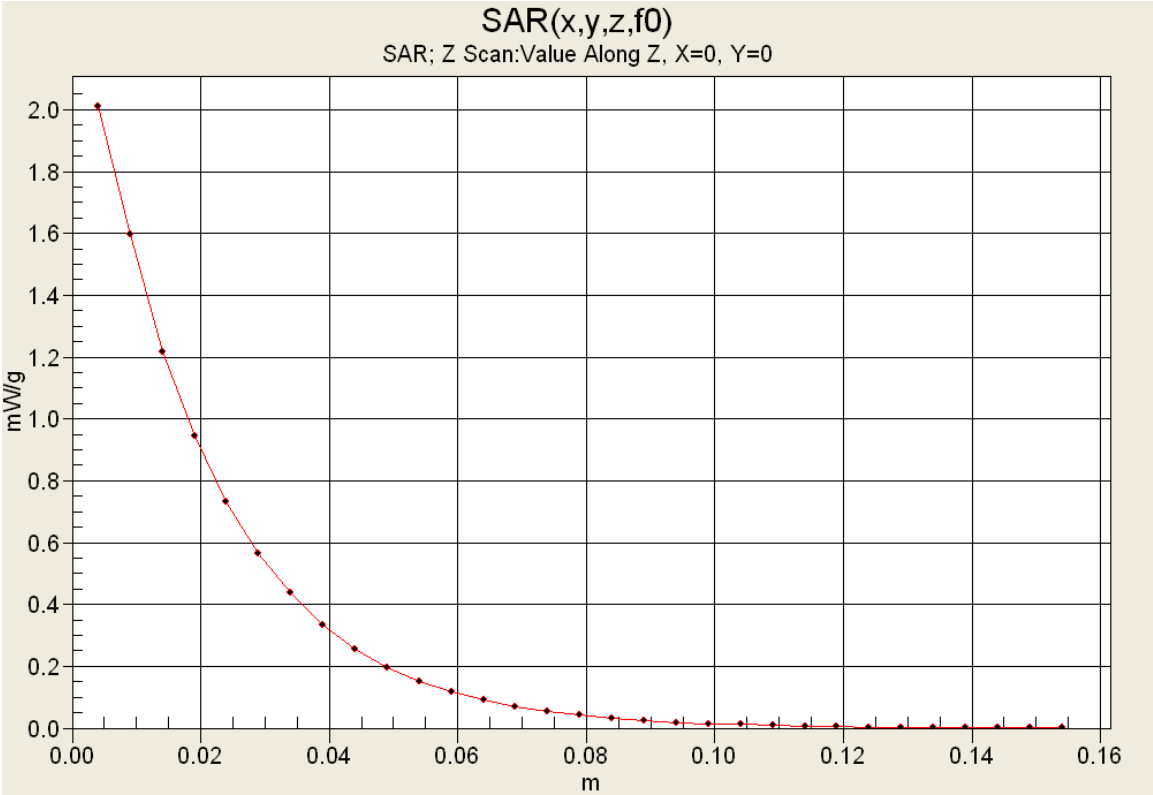
Communication System: CW
Frequency: 851 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 851 MHz; σ = 0.994 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.13 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.6 V/m; Power Drift = -0.198 dB
Peak SAR (extrapolated) = 2.32 W/kg
SAR(1 g) = 1.91 mW/g; SAR(10 g) = 1.46 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.01 mW/g



Z-Axis Scan



Body SAR Plot B73

Date Tested: 12/06/2011

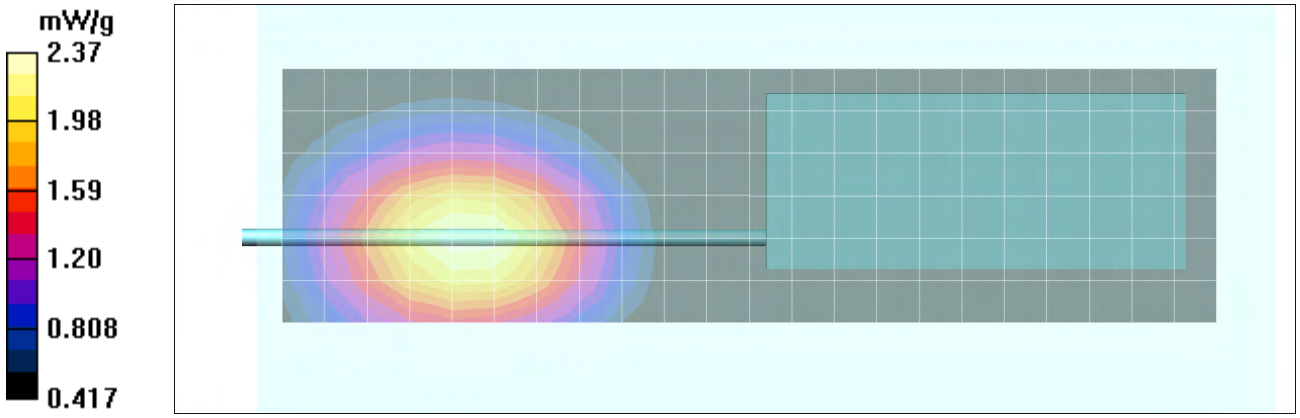
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 21.1C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.92 mho/m; ε_r = 56.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.34 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.33 V/m; Power Drift = -0.312 dB
Peak SAR (extrapolated) = 2.73 W/kg
SAR(1 g) = 2.23 mW/g; SAR(10 g) = 1.68 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.37 mW/g



Body SAR Plot B74

Date Tested: 12/06/2011

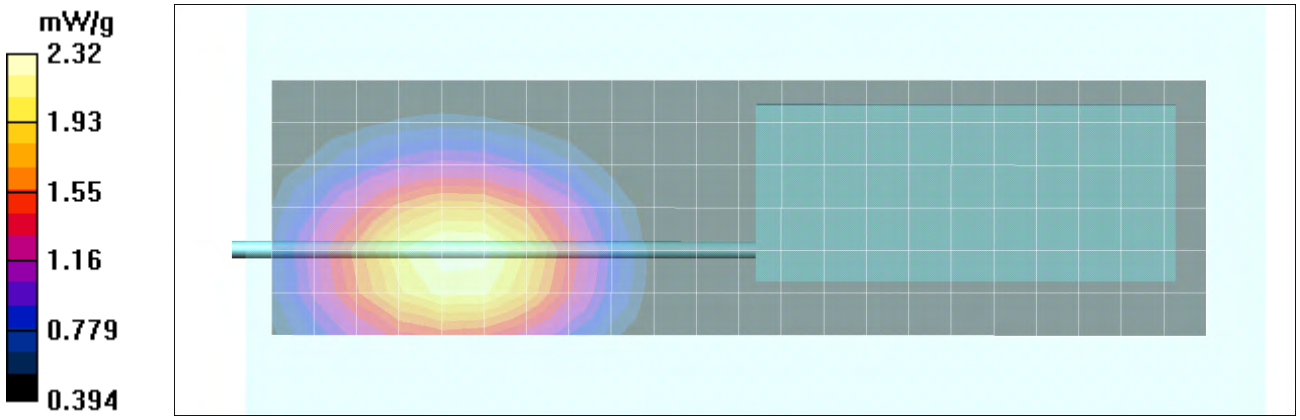
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 21.1C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.92 mho/m; ε_r = 56.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.27 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.10 V/m; Power Drift = -0.185 dB
Peak SAR (extrapolated) = 2.64 W/kg
SAR(1 g) = 2.18 mW/g; SAR(10 g) = 1.64 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.32 mW/g



Body SAR Plot B75

Date Tested: 12/06/2011

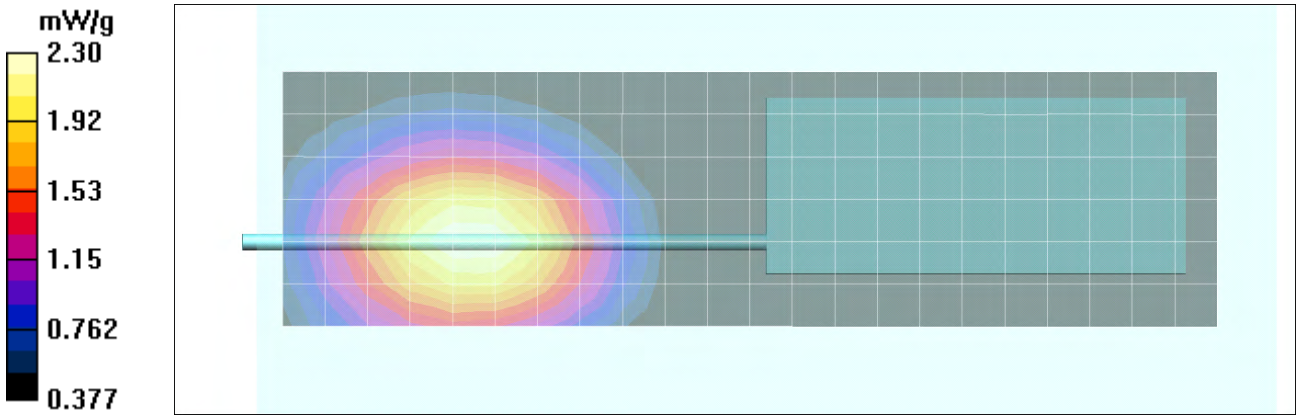
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 21.1C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.92 mho/m; ε_r = 56.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.32 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.84 V/m; Power Drift = -0.169 dB
Peak SAR (extrapolated) = 2.65 W/kg
SAR(1 g) = 2.18 mW/g; SAR(10 g) = 1.64 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.30 mW/g



Body SAR Plot B76

Date Tested: 12/06/2011

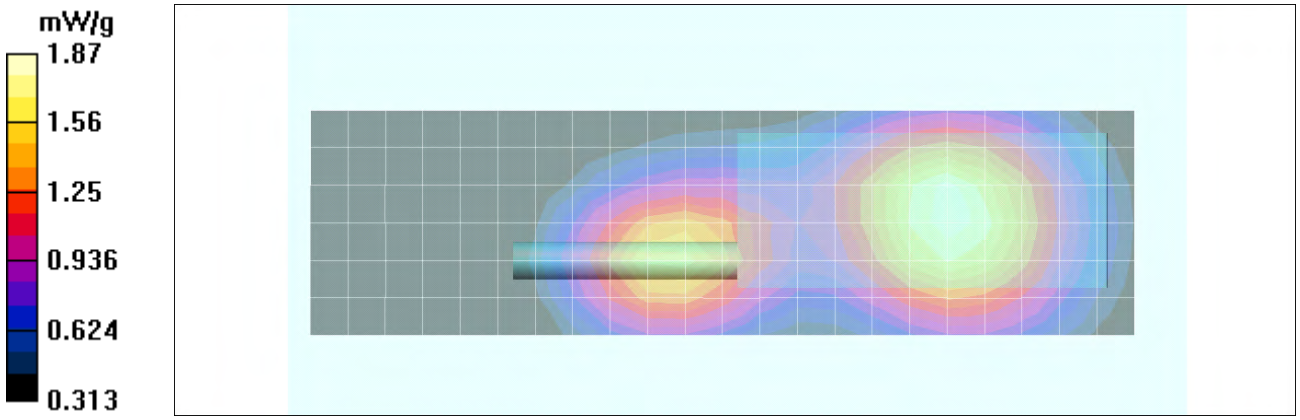
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 21.1C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.97 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.84 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 36.6 V/m; Power Drift = -0.456 dB
Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 1.77 mW/g; SAR(10 g) = 1.35 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.87 mW/g



Body SAR Plot B77

Date Tested: 12/06/2011

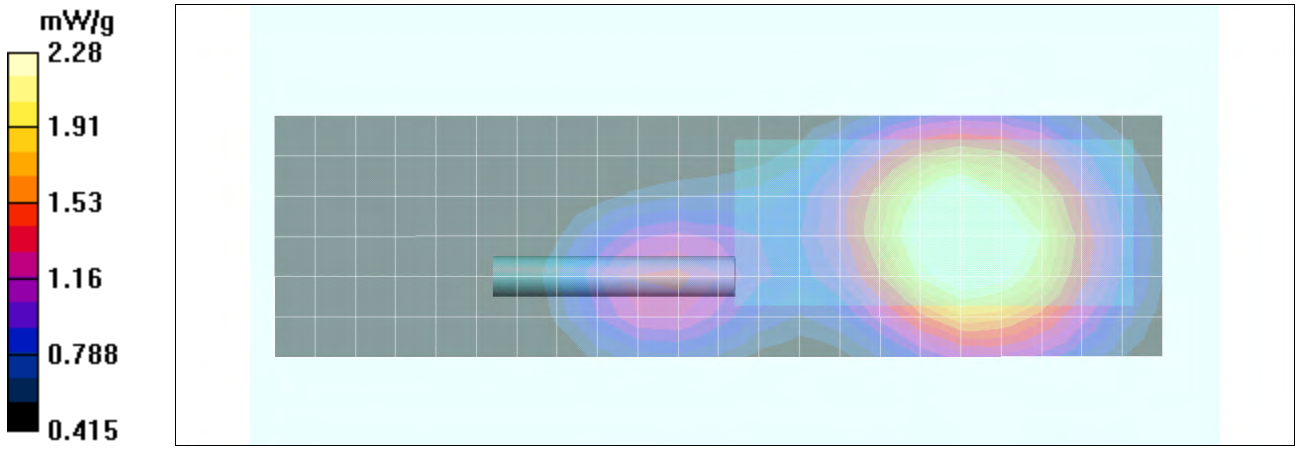
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 21.1C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.97 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.62 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.0 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 2.64 W/kg
SAR(1 g) = 2.16 mW/g; SAR(10 g) = 1.64 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.28 mW/g



Body SAR Plot B78

Date Tested: 12/06/2011

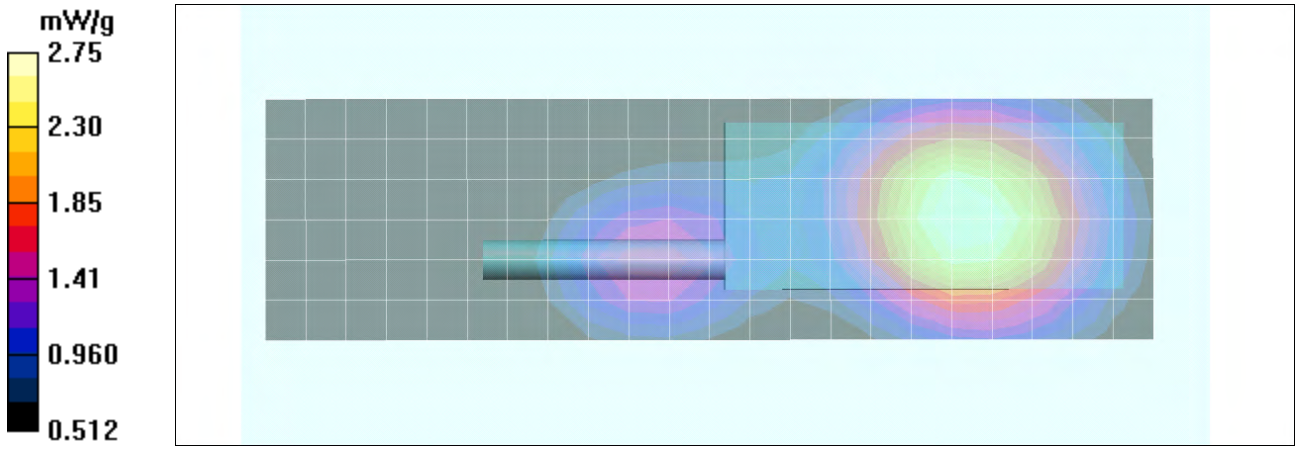
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 21.1C; Barometric Pressure: 101.1 kPa; Humidity: 30%

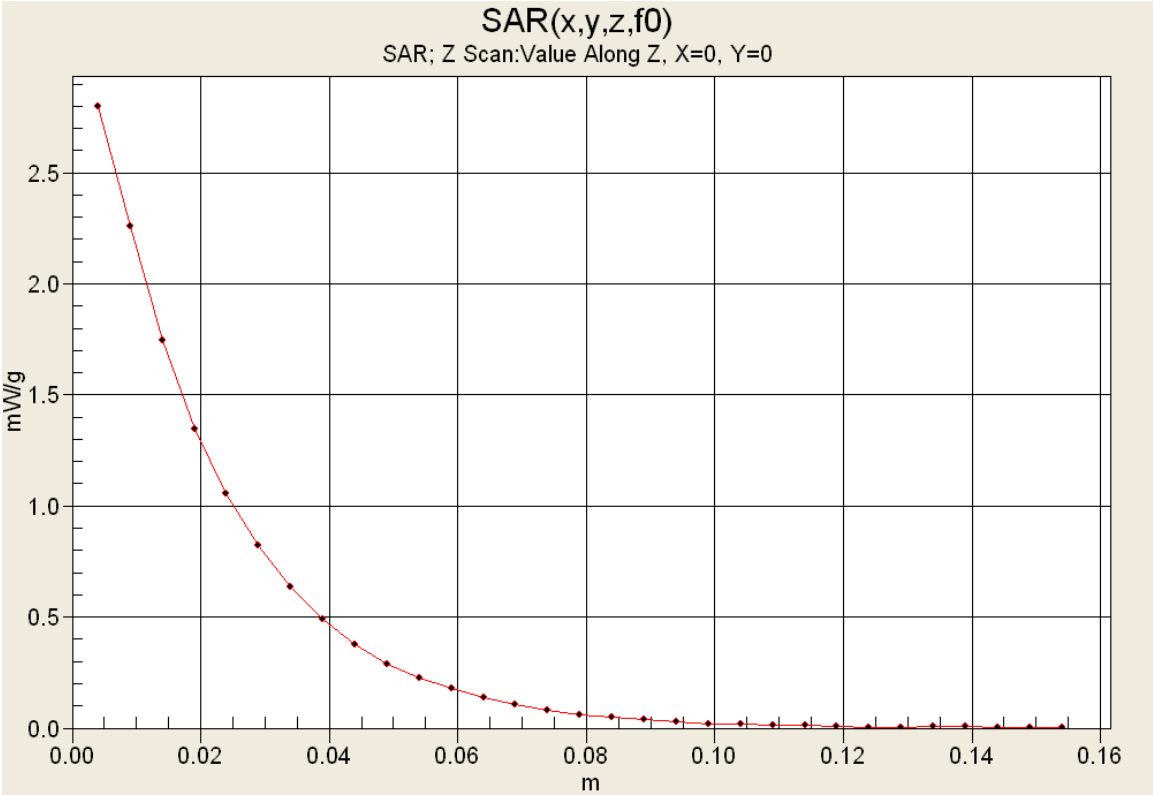
Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.97 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.81 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.0 V/m; Power Drift = -0.239 dB
Peak SAR (extrapolated) = 3.19 W/kg
SAR(1 g) = 2.62 mW/g; SAR(10 g) = 2.02 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.75 mW/g



Z-Axis Scan



Body SAR Plot A1

Date Tested: 09/26/2011

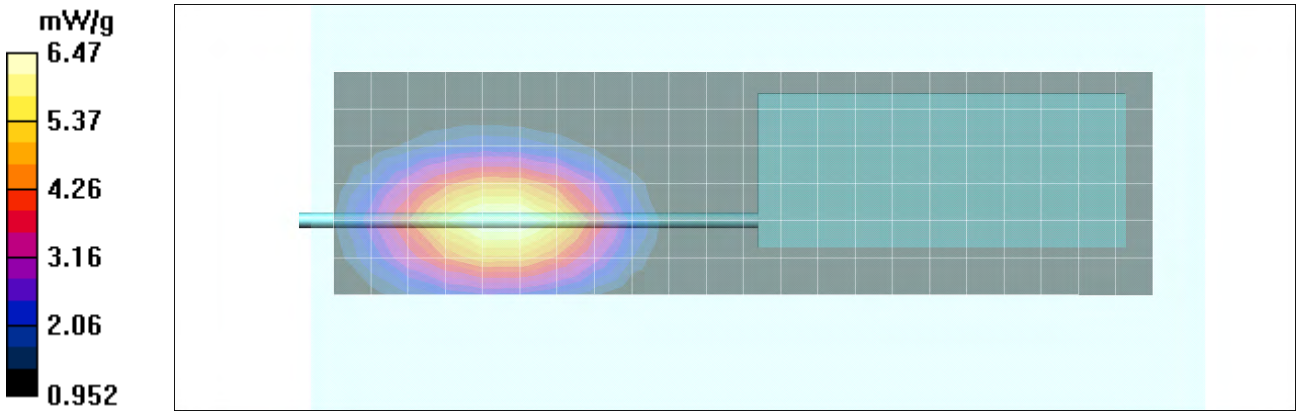
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

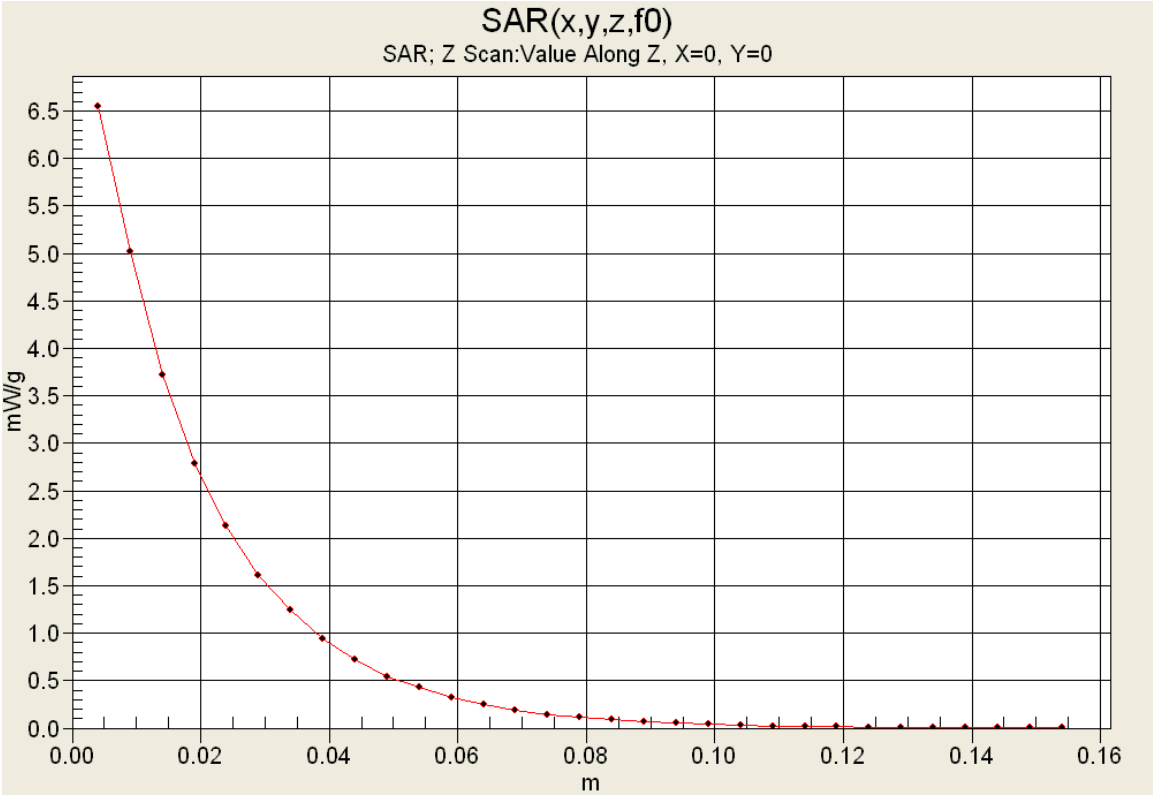
Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.935 mho/m; ε_r = 57.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.63 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = -0.392 dB
Peak SAR (extrapolated) = 7.62 W/kg
SAR(1 g) = 6.07 mW/g; SAR(10 g) = 4.41 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.47 mW/g



Z-Axis Scan



Body SAR Plot A2

Date Tested: 09/26/2011

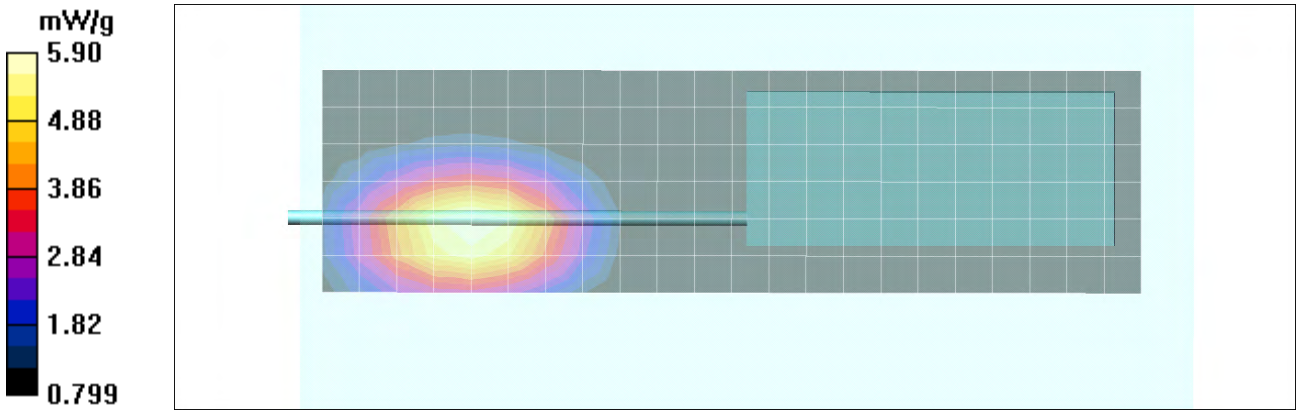
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.979 mho/m; ε_r = 57; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.02 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.1 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 7.03 W/kg
SAR(1 g) = 5.52 mW/g; SAR(10 g) = 3.96 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.90 mW/g



Body SAR Plot A3

Date Tested: 09/26/2011

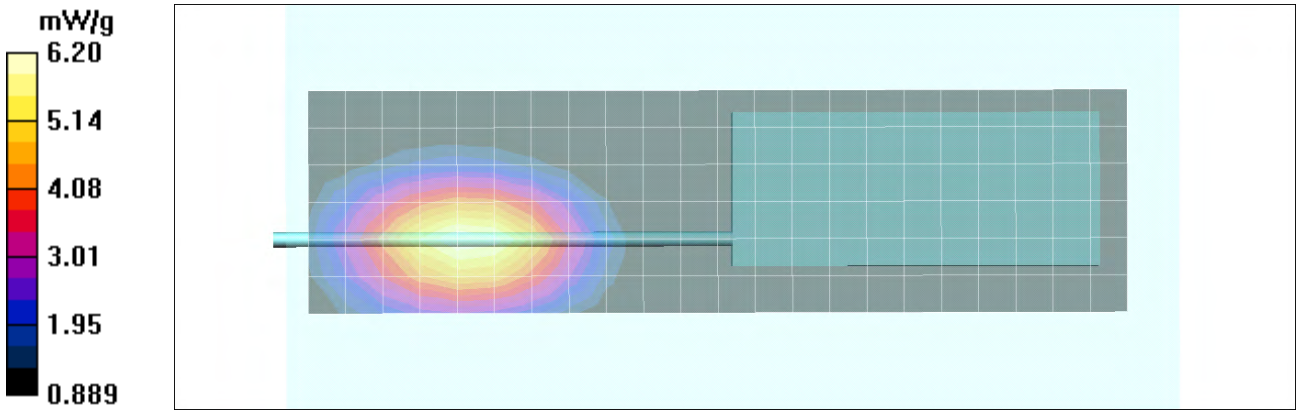
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.935 mho/m; ε_r = 57.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.26 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = -0.204 dB
Peak SAR (extrapolated) = 7.27 W/kg
SAR(1 g) = 5.8 mW/g; SAR(10 g) = 4.19 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.20 mW/g



Body SAR Plot A4

Date Tested: 09/26/2011

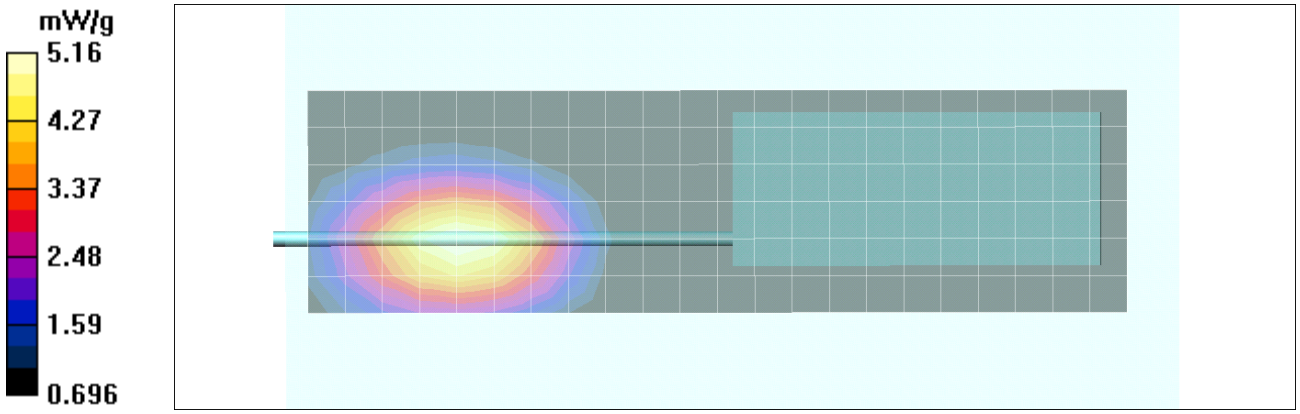
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 23C; Fluid Temp: 23.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.979 mho/m; ε_r = 57; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.33 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.3 V/m; Power Drift = 0.122 dB
Peak SAR (extrapolated) = 6.15 W/kg
SAR(1 g) = 4.84 mW/g; SAR(10 g) = 3.46 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.16 mW/g



Body SAR Plot A5

Date Tested: 09/27/2011

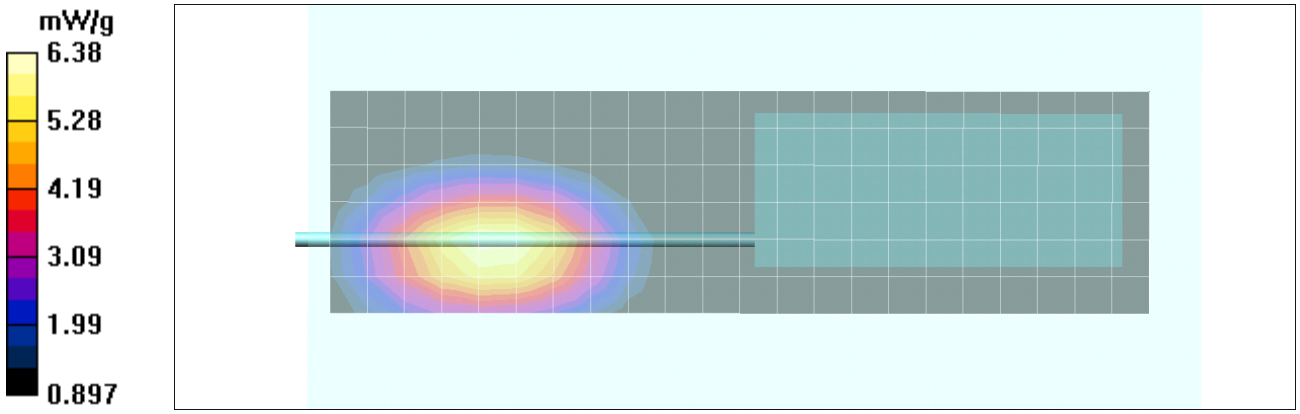
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.1C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.92 mho/m; ε_r = 57.3; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.25 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.2 V/m; Power Drift = -0.293 dB
Peak SAR (extrapolated) = 7.59 W/kg
SAR(1 g) = 5.98 mW/g; SAR(10 g) = 4.33 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.38 mW/g



Body SAR Plot A6

Date Tested: 09/27/2011

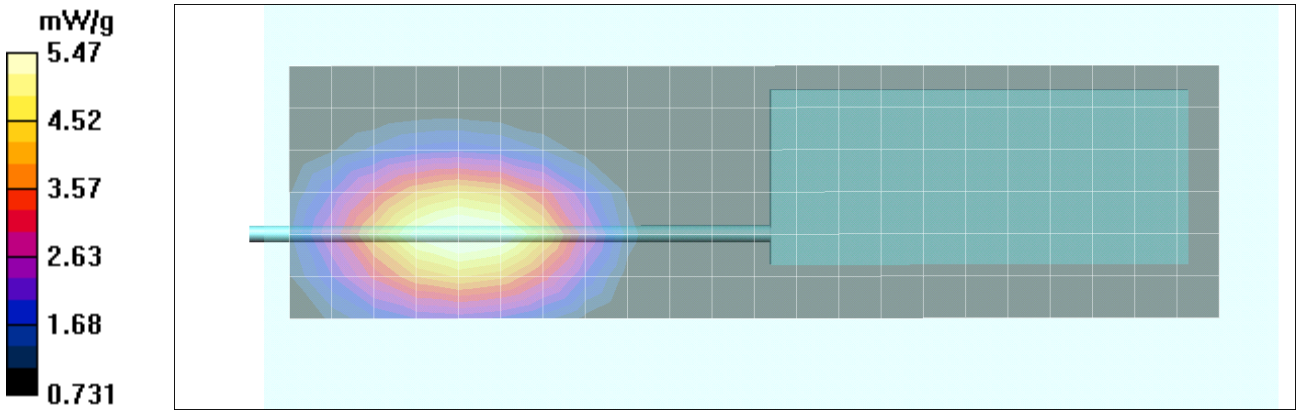
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.1C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.977 mho/m; ε_r = 57.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.92 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.6 V/m; Power Drift = 0.243 dB
Peak SAR (extrapolated) = 6.53 W/kg
SAR(1 g) = 5.15 mW/g; SAR(10 g) = 3.7 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.47 mW/g



Body SAR Plot A7

Date Tested: 09/27/2011

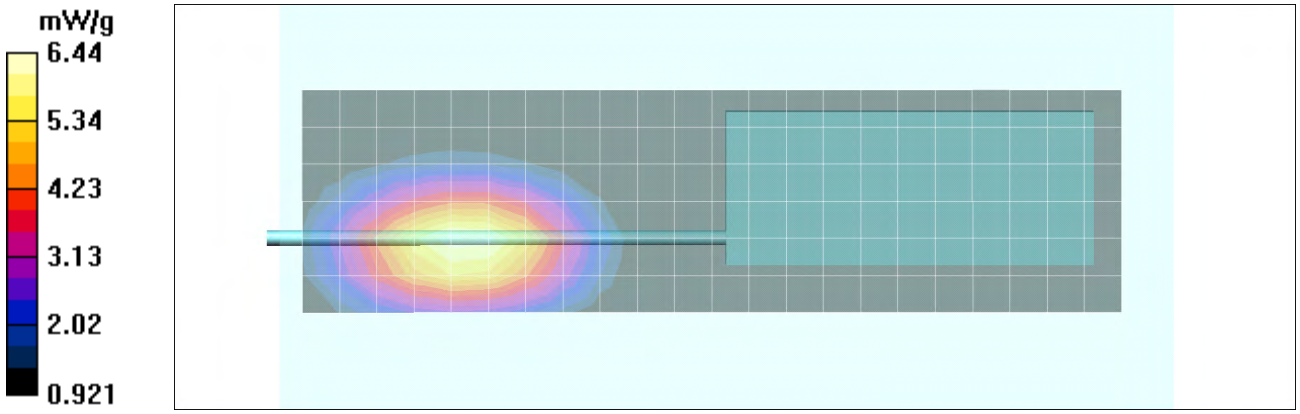
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.1C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.92 mho/m; ε_r = 57.3; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.36 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.6 V/m; Power Drift = -0.258 dB
Peak SAR (extrapolated) = 7.68 W/kg
SAR(1 g) = 6.02 mW/g; SAR(10 g) = 4.34 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.44 mW/g



Body SAR Plot A8

Date Tested: 09/27/2011

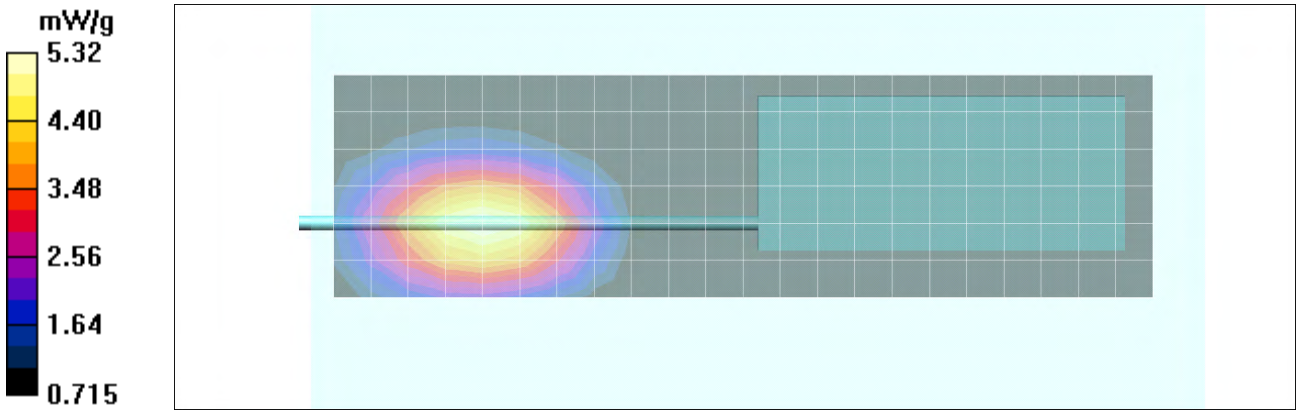
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.1C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.977 mho/m; ε_r = 57.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.44 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.5 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 6.34 W/kg
SAR(1 g) = 4.97 mW/g; SAR(10 g) = 3.55 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.32 mW/g



Body SAR Plot A9

Date Tested: 09/27/2011

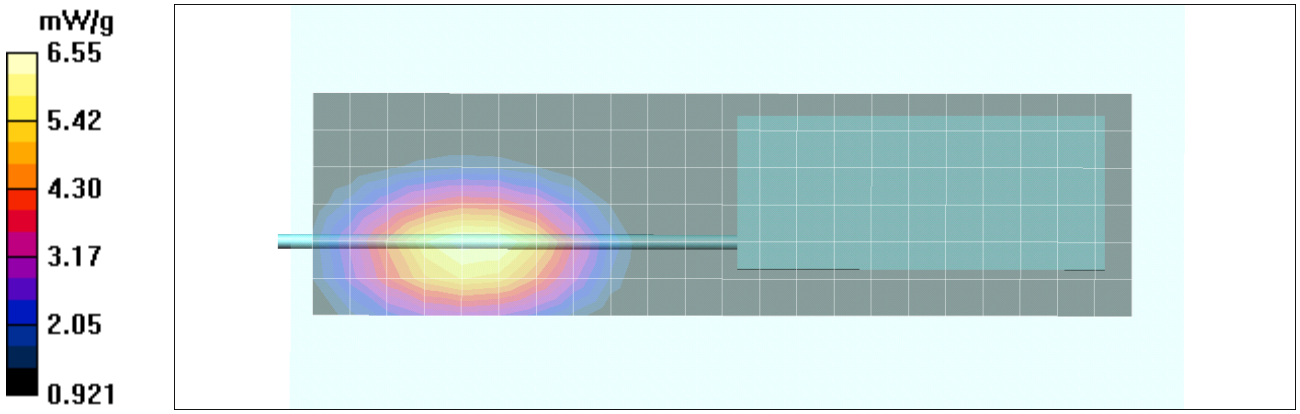
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.1C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.92 mho/m; ε_r = 57.3; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.42 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.7 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 7.74 W/kg
SAR(1 g) = 6.13 mW/g; SAR(10 g) = 4.43 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.55 mW/g



Body SAR Plot A10

Date Tested: 09/27/2011

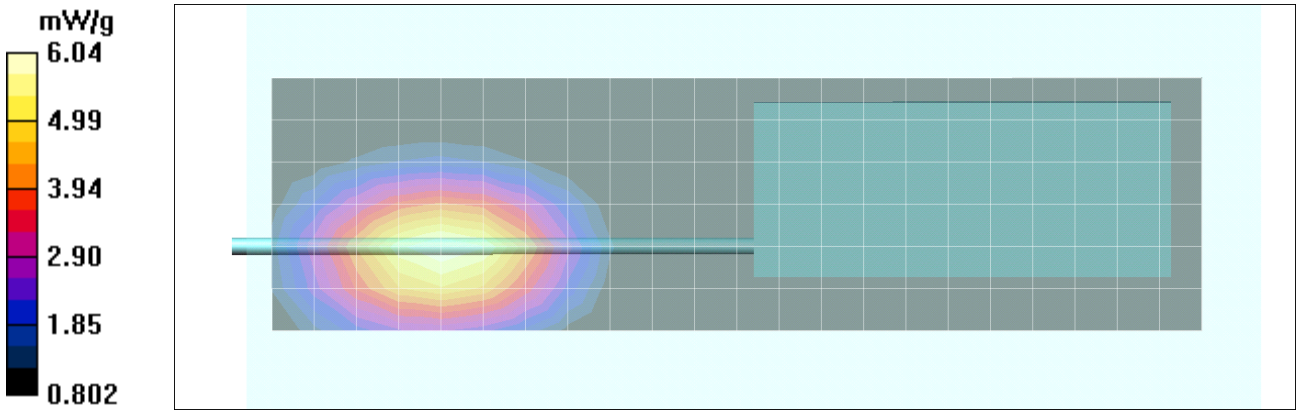
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.1C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.977 mho/m; ε_r = 57.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.11 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.4 V/m; Power Drift = 0.501 dB
Peak SAR (extrapolated) = 7.18 W/kg
SAR(1 g) = 5.65 mW/g; SAR(10 g) = 4.03 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.04 mW/g



Body SAR Plot A11

Date Tested: 09/27/2011

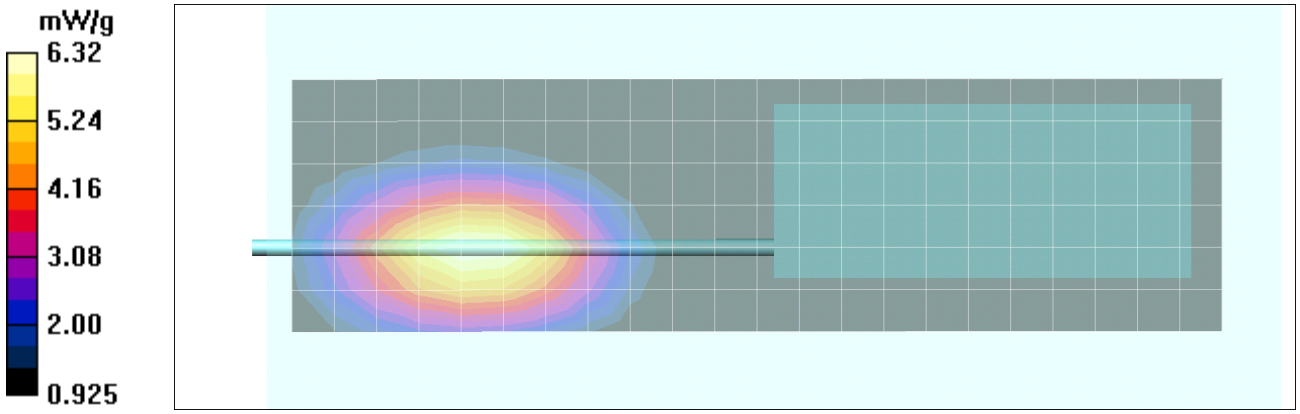
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.1C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.92 mho/m; ε_r = 57.3; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.42 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.1 V/m; Power Drift = -0.485 dB
Peak SAR (extrapolated) = 7.55 W/kg
SAR(1 g) = 5.95 mW/g; SAR(10 g) = 4.33 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.32 mW/g



Body SAR Plot A12

Date Tested: 09/27/2011

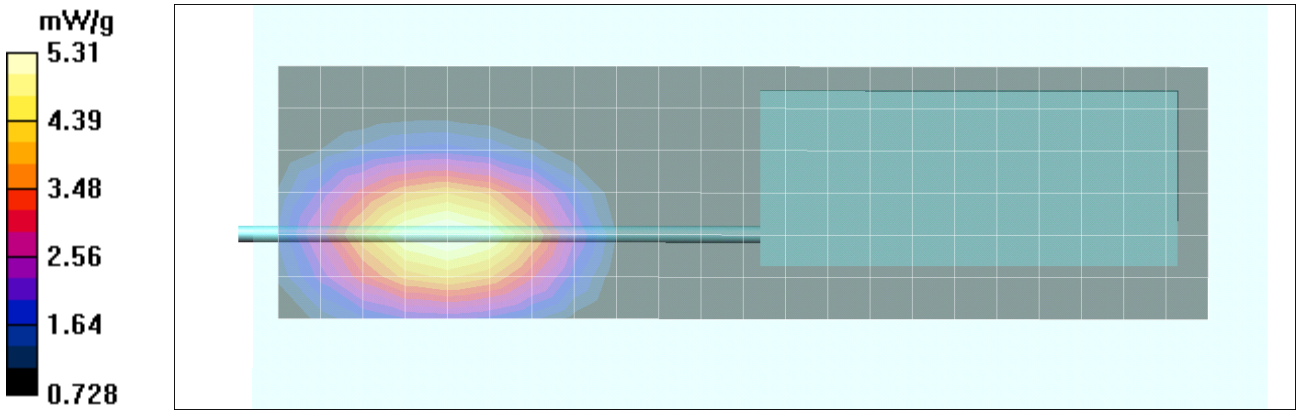
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.1C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.977 mho/m; ε_r = 57.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.55 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.2 V/m; Power Drift = 0.260 dB
Peak SAR (extrapolated) = 6.35 W/kg
SAR(1 g) = 4.99 mW/g; SAR(10 g) = 3.57 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.31 mW/g



Body SAR Plot A13

Date Tested: 09/27/2011

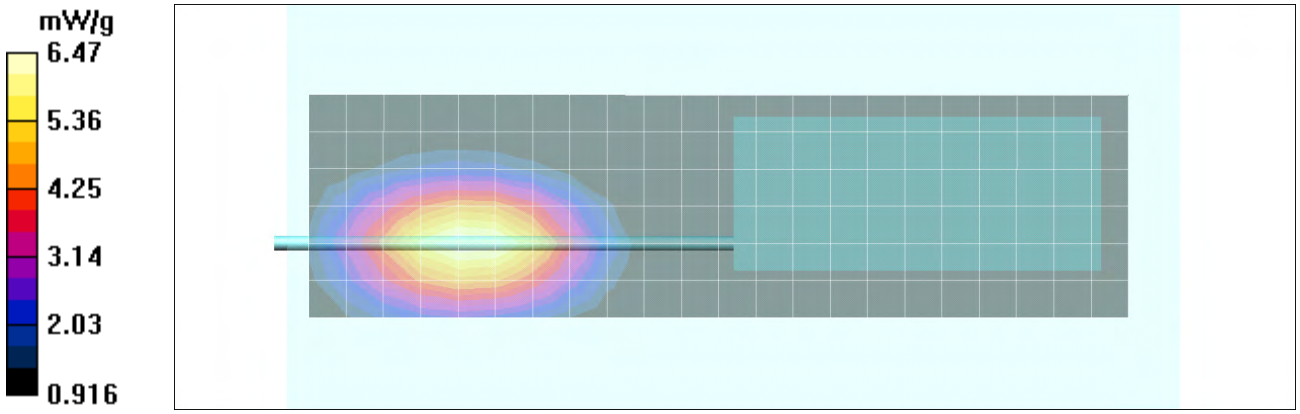
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.1C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.92 mho/m; ε_r = 57.3; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.54 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.6 V/m; Power Drift = -0.088 dB
Peak SAR (extrapolated) = 7.78 W/kg
SAR(1 g) = 6.06 mW/g; SAR(10 g) = 4.38 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.47 mW/g



Body SAR Plot A14

Date Tested: 09/27/2011

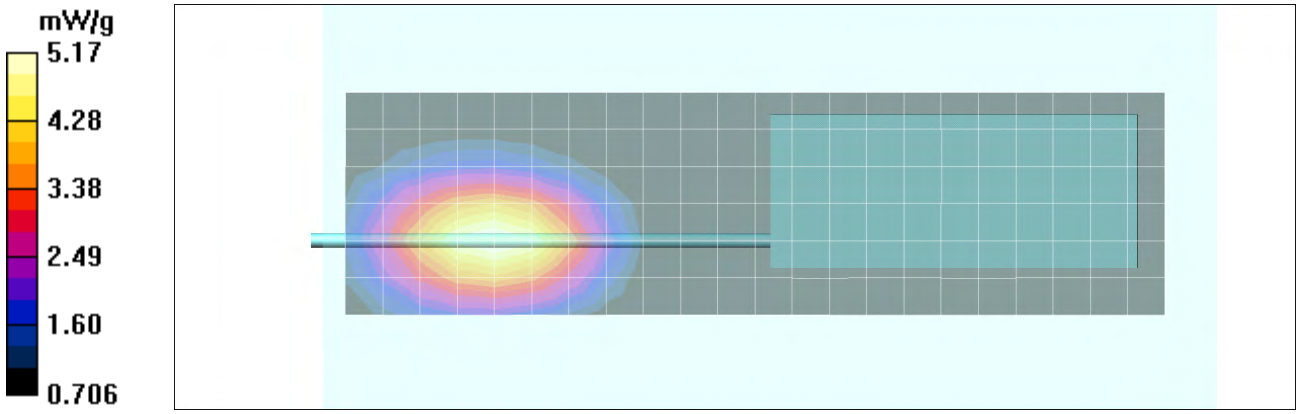
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.1C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.977 mho/m; ε_r = 57.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.37 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.0 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 6.17 W/kg
SAR(1 g) = 4.85 mW/g; SAR(10 g) = 3.48 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.17 mW/g



Body SAR Plot A15

Date Tested: 09/27/2011

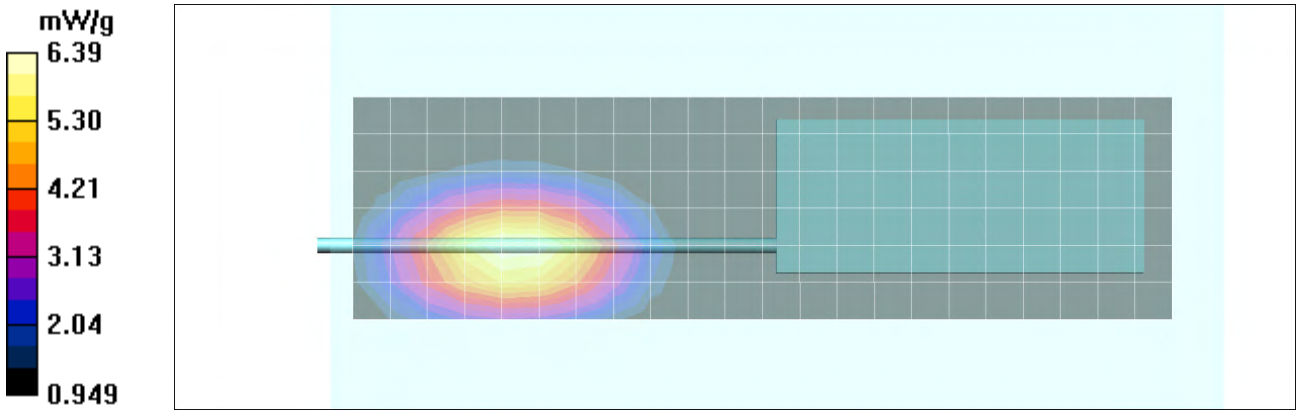
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.1C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.92 mho/m; ε_r = 57.3; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.42 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.2 V/m; Power Drift = -0.574 dB
Peak SAR (extrapolated) = 7.59 W/kg
SAR(1 g) = 6 mW/g; SAR(10 g) = 4.35 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.39 mW/g



Body SAR Plot A16

Date Tested: 09/27/2011

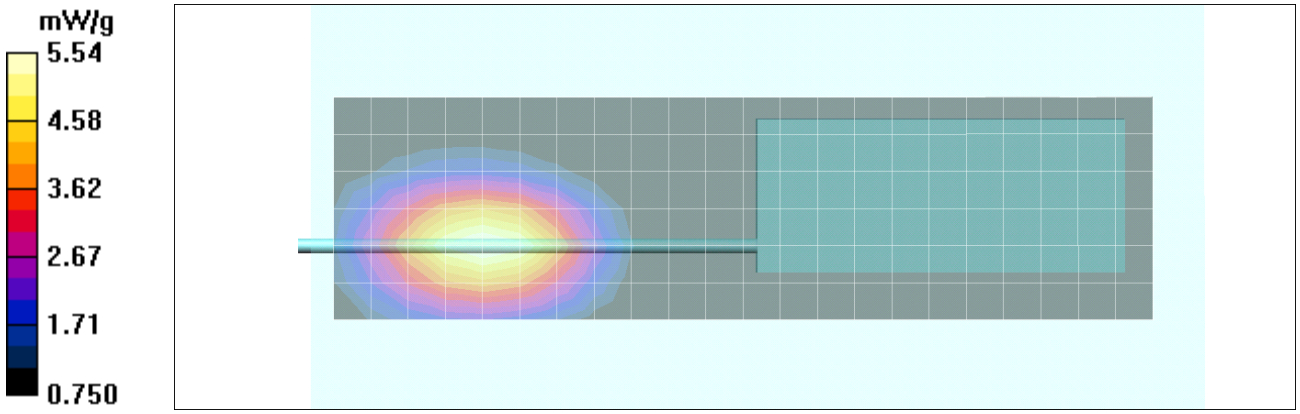
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.1C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.977 mho/m; ε_r = 57.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.77 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.2 V/m; Power Drift = 0.168 dB
Peak SAR (extrapolated) = 6.60 W/kg
SAR(1 g) = 5.2 mW/g; SAR(10 g) = 3.73 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.54 mW/g



Body SAR Plot A17

Date Tested: 09/27/2011

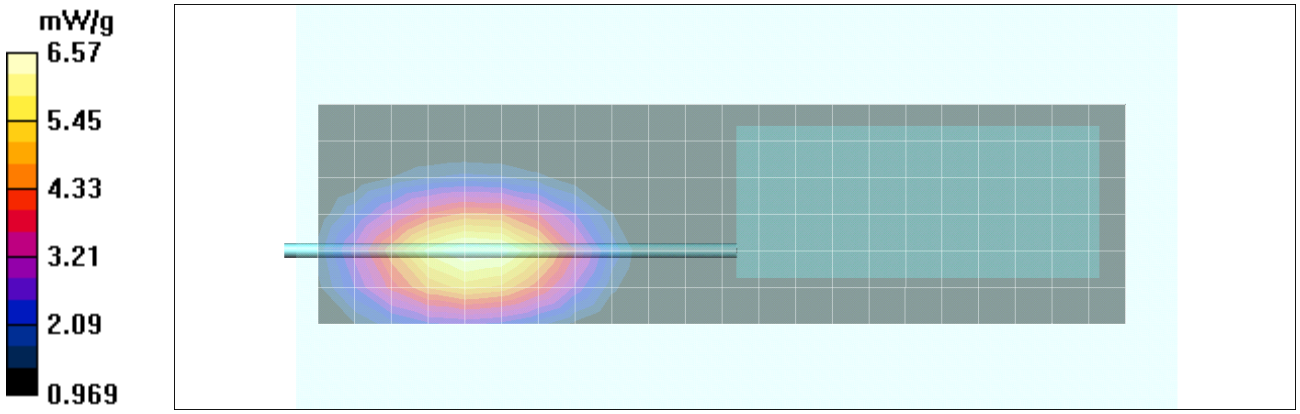
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.1C; Barometric Pressure: 101.1 kPa; Humidity: 34%

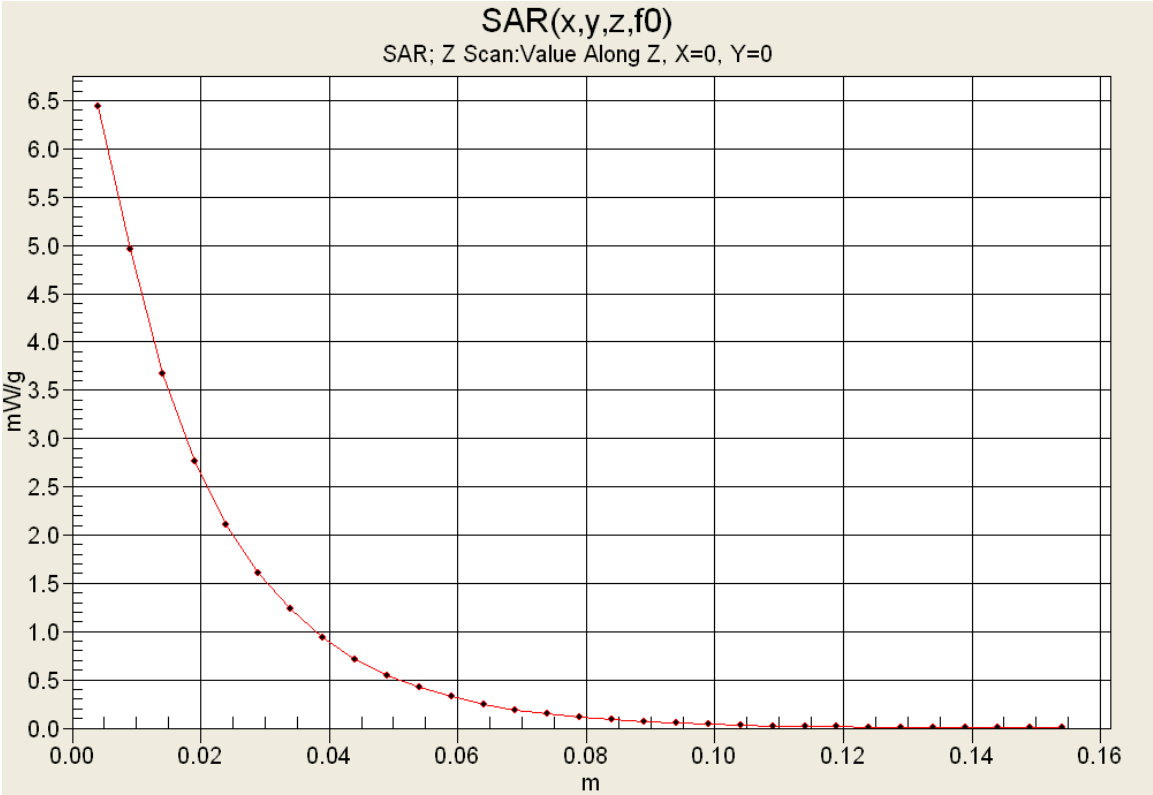
Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.92 mho/m; ε_r = 57.3; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.63 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.9 V/m; Power Drift = -0.203 dB
Peak SAR (extrapolated) = 7.83 W/kg
SAR(1 g) = 6.14 mW/g; SAR(10 g) = 4.44 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.57 mW/g



Z-Axis Scan



Body SAR Plot A18

Date Tested: 09/27/2011

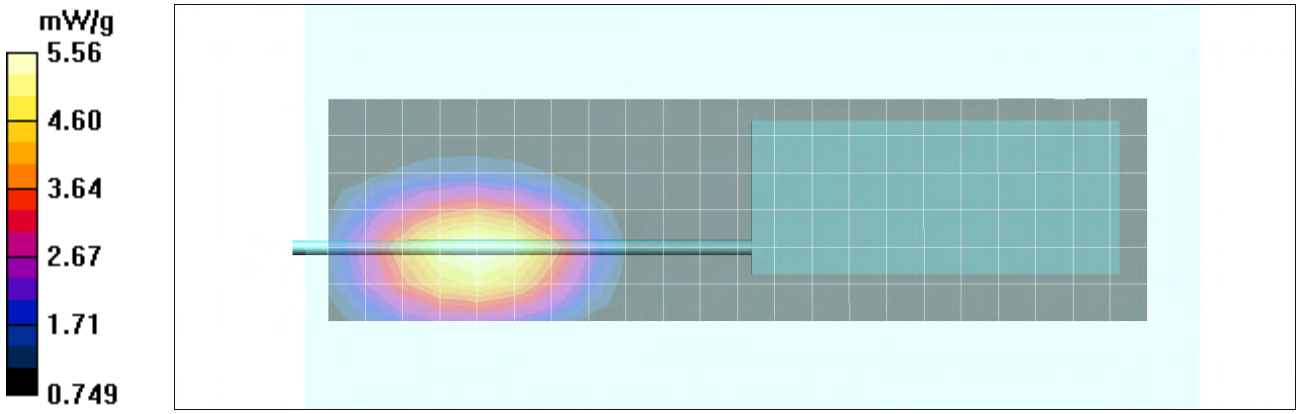
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.1C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.977 mho/m; ε_r = 57.2; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.68 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.2 V/m; Power Drift = 0.061 dB
Peak SAR (extrapolated) = 6.61 W/kg
SAR(1 g) = 5.2 mW/g; SAR(10 g) = 3.74 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.56 mW/g



Body SAR Plot A19

Date Tested: 09/27/2011

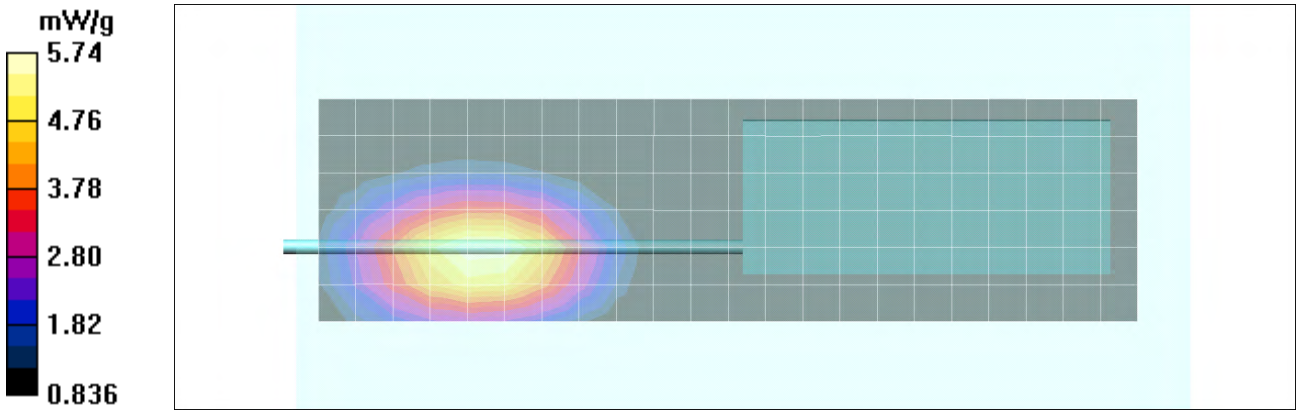
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.1C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.92 mho/m; ε_r = 57.3; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.68 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.4 V/m; Power Drift = -0.359 dB
Peak SAR (extrapolated) = 6.86 W/kg
SAR(1 g) = 5.42 mW/g; SAR(10 g) = 3.93 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.74 mW/g



Body SAR Plot A20

Date Tested: 09/28/2011

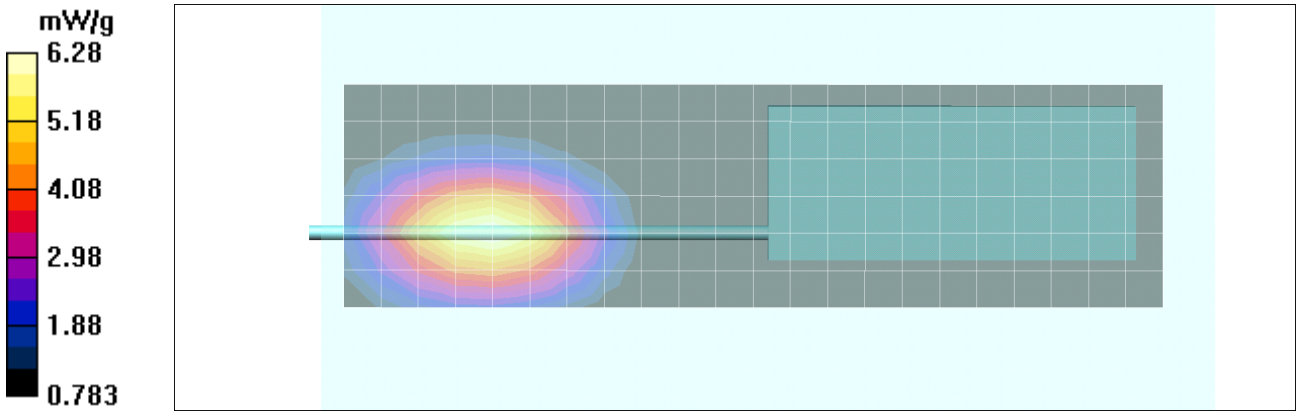
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.2C; Barometric Pressure: 101.1 kPa; Humidity: 31%

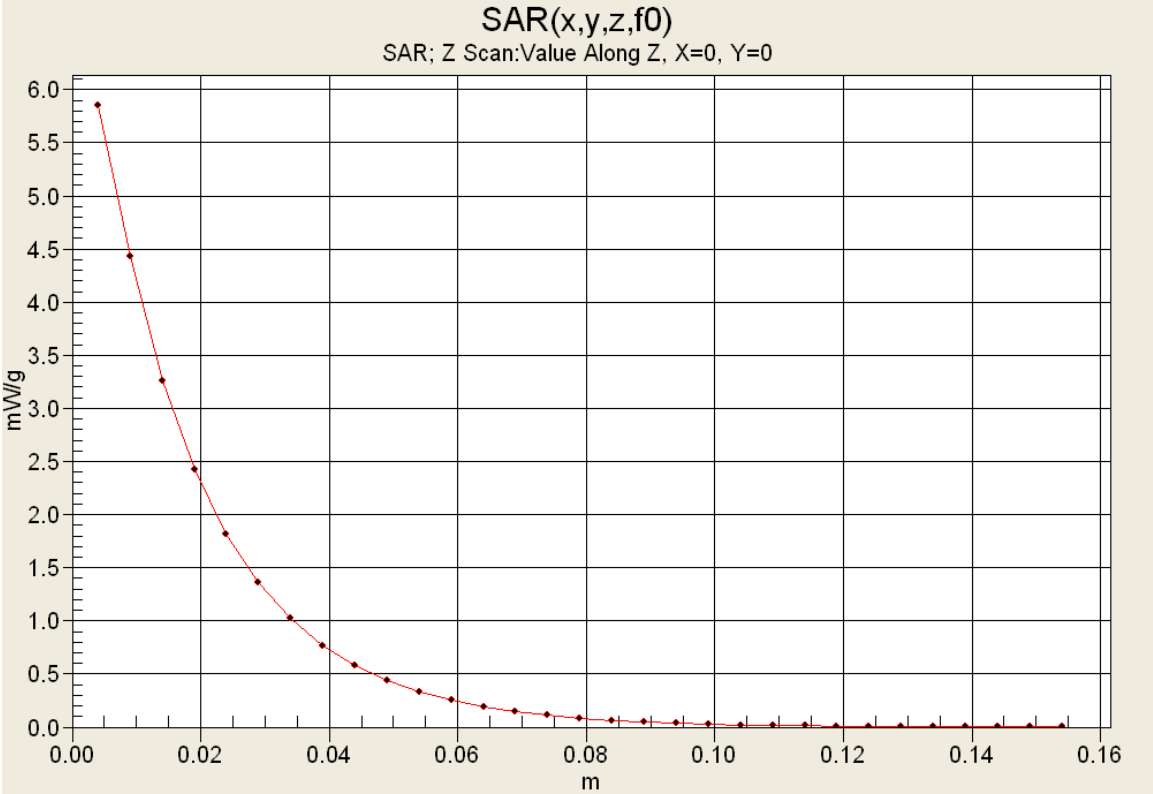
Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.989 mho/m; ε_r = 56.9; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.45 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = 0.198 dB
Peak SAR (extrapolated) = 7.53 W/kg
SAR(1 g) = 5.91 mW/g; SAR(10 g) = 4.24 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.28 mW/g



Z-Axis Scan



Body SAR Plot A21

Date Tested: 09/27/2011

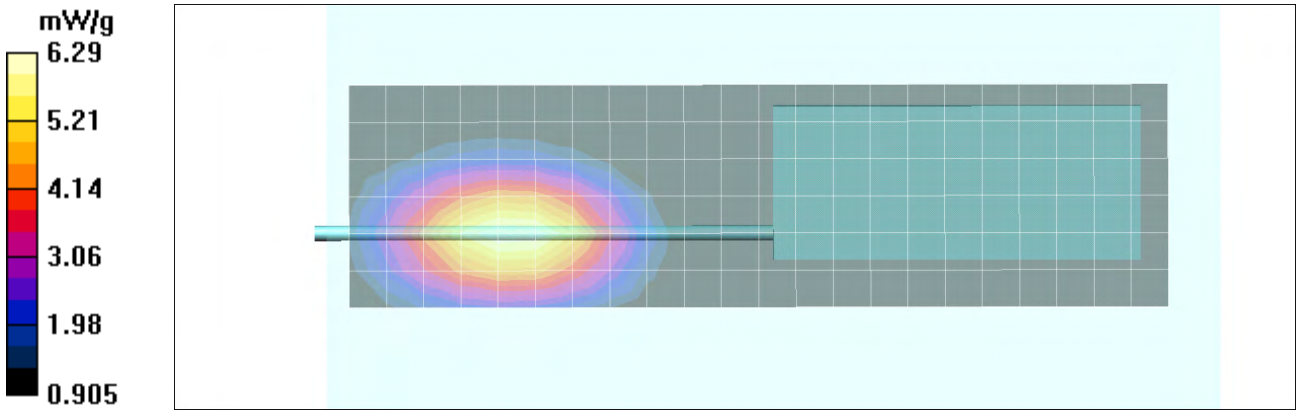
DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.1C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 770 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 770 MHz; σ = 0.92 mho/m; ε_r = 57.3; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.32 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.72 V/m; Power Drift = 0.113 dB
Peak SAR (extrapolated) = 7.51 W/kg
SAR(1 g) = 5.91 mW/g; SAR(10 g) = 4.28 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.29 mW/g



Body SAR Plot A22

Date Tested: 09/28/2011

DUT: Harris XG-75; Type: Portable 700/800-Band PTT Radio Transceiver; Serial: XG-T2-D103

Ambient Temp: 22C; Fluid Temp: 22.2C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW
Frequency: 824 MHz; Duty Cycle: 1:1
Medium: M835 Medium parameters used (interpolated): f = 824 MHz; σ = 0.989 mho/m; ε_r = 56.9; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); 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 (7x24x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.99 mW/g
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.0 V/m; Power Drift = 0.124 dB
Peak SAR (extrapolated) = 6.48 W/kg
SAR(1 g) = 5.12 mW/g; SAR(10 g) = 3.68 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.46 mW/g