APPENDIX A - SAR MEASUREMENT PLOTS

Face SAR Plot #1 (F1)

Date Tested: 01/06/2011

Face-held SAR - KRA-23M "Antenna A" - KNB-57L 2000mAh Li-ion "Battery a" – 455.0 MHz

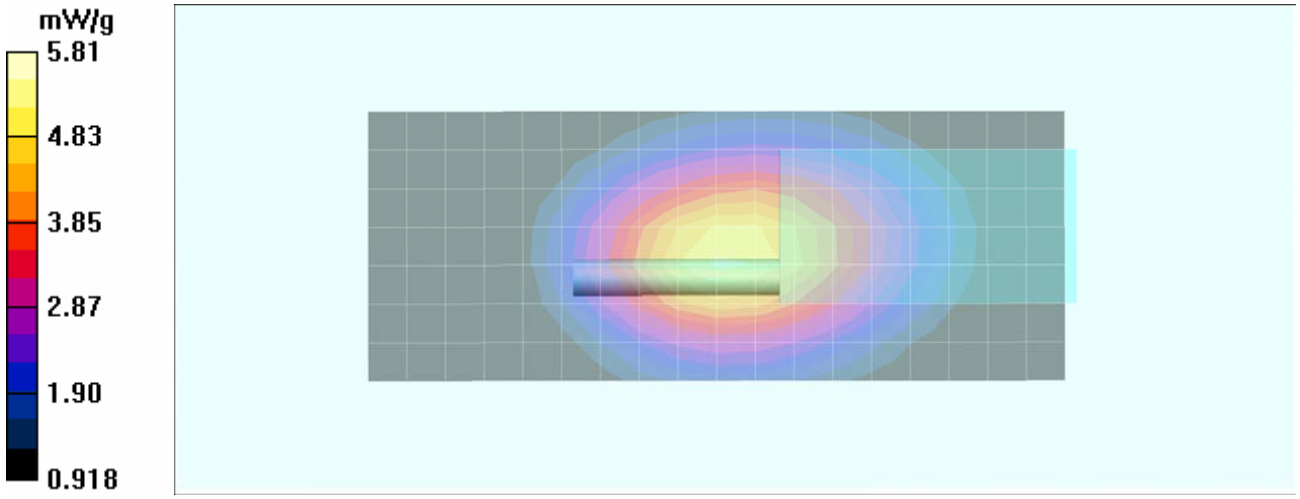
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No.11

Ambient Temp: 23.5°C; Fluid Temp: 22.5°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: CW
Frequency: 455 MHz; Duty Cycle: 1:1
Medium: HSL450 Medium parameters used (interpolated): f = 455 MHz; σ = 0.88 mho/m; ε_r = 45.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.25, 7.25, 7.25); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Face-held SAR - 2.5 cm Spacing from Front of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 5.23 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 80.7 V/m; Power Drift = -0.211 dB
Peak SAR (extrapolated) = 7.62 W/kg
SAR(1 g) = 5.53 mW/g; SAR(10 g) = 4.08 mW/g
Maximum value of SAR (measured) = 5.81 mW/g



Face SAR Plot #2 (F2)

Date Tested: 01/06/2011

Face-held SAR - KRA-23M3 "Antenna B" - KNB-57L 2000mAh Li-ion "Battery a" – 435.4 MHz

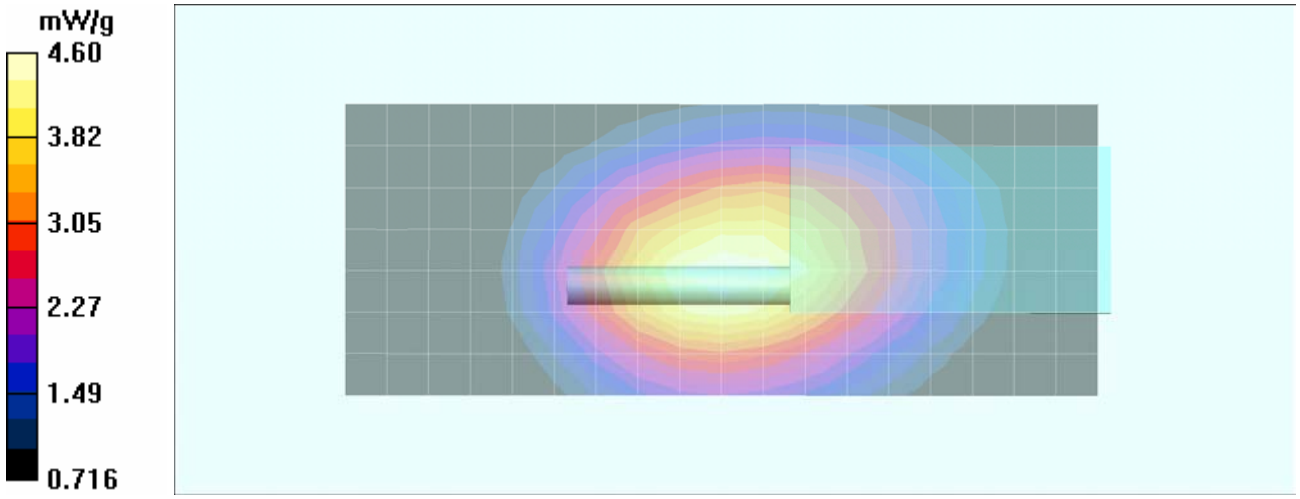
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No.11

Ambient Temp: 23.5°C; Fluid Temp: 22.5°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: CW
Frequency: 435.4 MHz; Duty Cycle: 1:1
Medium: HSL450 Medium parameters used (interpolated): f = 435.4 MHz; σ = 0.87 mho/m; ε_r = 45.5; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.25, 7.25, 7.25); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Face-held SAR - 2.5 cm Spacing from Front of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 4.61 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 70.7 V/m; Power Drift = 0.087 dB
Peak SAR (extrapolated) = 6.01 W/kg
SAR(1 g) = 4.39 mW/g; SAR(10 g) = 3.25 mW/g
Maximum value of SAR (measured) = 4.60 mW/g



Face SAR Plot #3 (F3)

Date Tested: 01/06/2011

Face-held SAR - KRA-27M "Antenna C" - KNB-57L 2000mAh Li-ion "Battery a" – 455.0 MHz

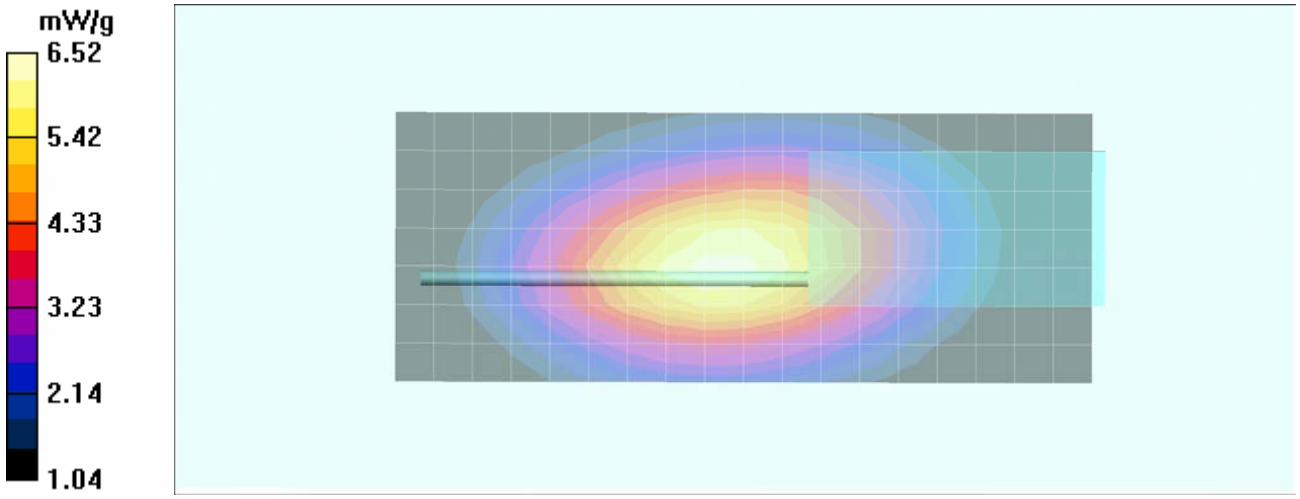
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No.11

Ambient Temp: 23.5°C; Fluid Temp: 22.5°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: CW
Frequency: 455 MHz; Duty Cycle: 1:1
Medium: HSL450 Medium parameters used (interpolated): f = 455 MHz; σ = 0.88 mho/m; ε_r = 45.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.25, 7.25, 7.25); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Face-held SAR - 2.5 cm Spacing from Front of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 6.33 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 86.9 V/m; Power Drift = -0.243 dB
Peak SAR (extrapolated) = 8.58 W/kg
SAR(1 g) = 6.26 mW/g; SAR(10 g) = 4.65 mW/g
Maximum value of SAR (measured) = 6.52 mW/g



Face SAR Plot #4 (F4)

Date Tested: 01/06/2011

Face-held SAR - KRA-27M "Antenna C" - KNB-55L 1480mAh Li-ion "Battery b" – 455.0 MHz

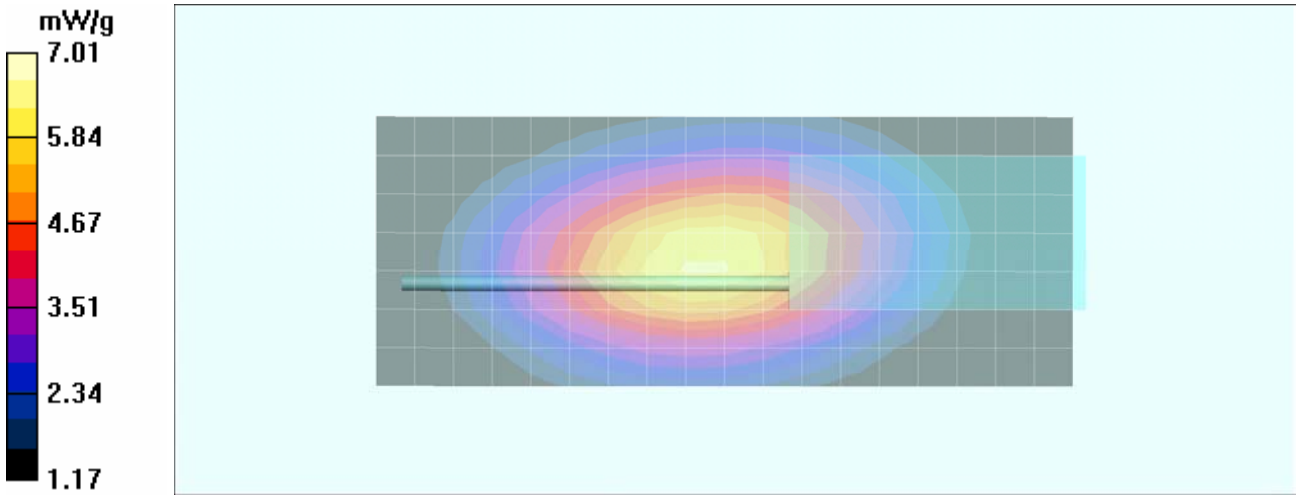
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No.11

Ambient Temp: 23.5°C; Fluid Temp: 22.5°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

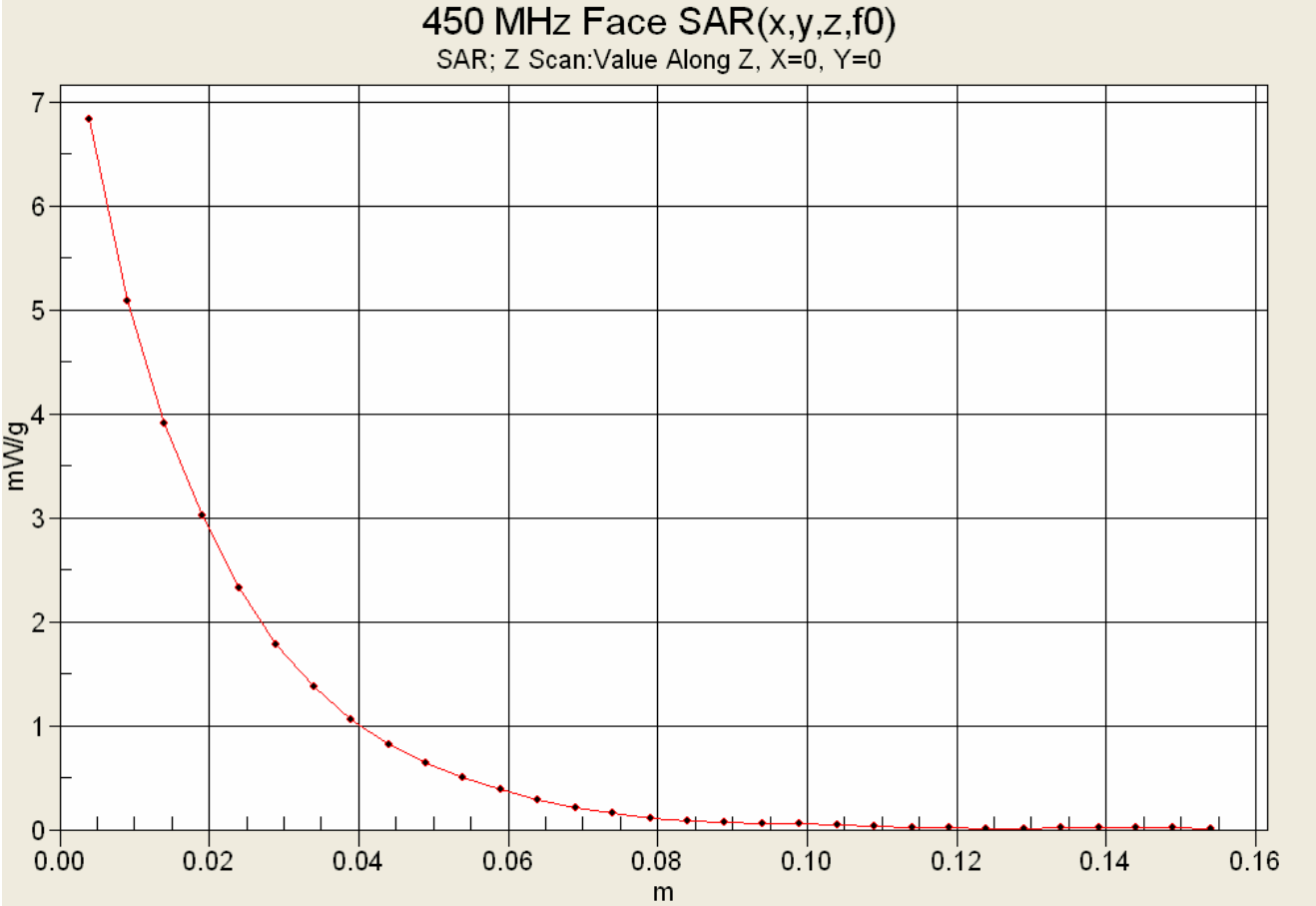
Communication System: CW
Frequency: 455 MHz; Duty Cycle: 1:1
Medium: HSL450 Medium parameters used (interpolated): f = 455 MHz; σ = 0.88 mho/m; ε_r = 45.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.25, 7.25, 7.25); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Face-held SAR - 2.5 cm Spacing from Front of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 6.29 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 88.6 V/m; Power Drift = -0.170 dB
Peak SAR (extrapolated) = 9.13 W/kg
SAR(1 g) = 6.71 mW/g; SAR(10 g) = 5 mW/g
Maximum value of SAR (measured) = 7.01 mW/g



Z-Axis Scan



Face SAR Plot #5 (F5)

Date Tested: 01/06/2011

Face-held SAR - KRA-27M "Antenna C" - KNB-56N 1400mAh Ni-MH "Battery c" – 455.0 MHz

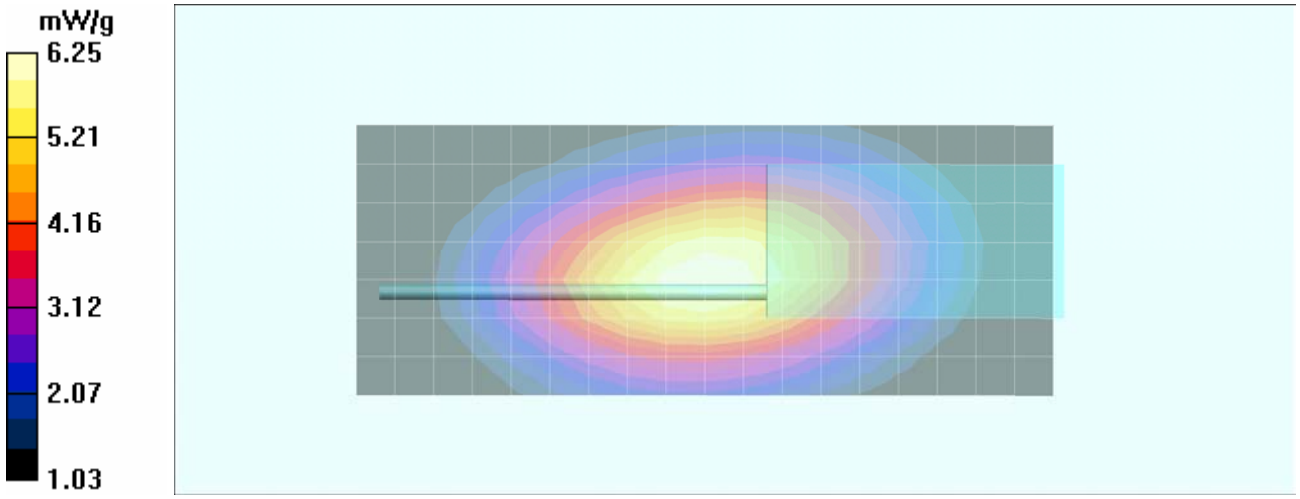
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No.11

Ambient Temp: 23.5°C; Fluid Temp: 22.5°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: CW
Frequency: 455 MHz; Duty Cycle: 1:1
Medium: HSL450 Medium parameters used (interpolated): f = 455 MHz; σ = 0.88 mho/m; ε_r = 45.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.25, 7.25, 7.25); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Face-held SAR - 2.5 cm Spacing from Front of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 6.29 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 85.9 V/m; Power Drift = -0.571 dB
Peak SAR (extrapolated) = 8.21 W/kg
SAR(1 g) = 5.98 mW/g; SAR(10 g) = 4.43 mW/g
Maximum value of SAR (measured) = 6.25 mW/g



Face SAR Plot #6 (F6)

Date Tested: 01/06/2011

Face-held SAR - KRA-27M "Antenna C" - KBP-5 AA x6 Alkaline "Battery d" – 455.0 MHz

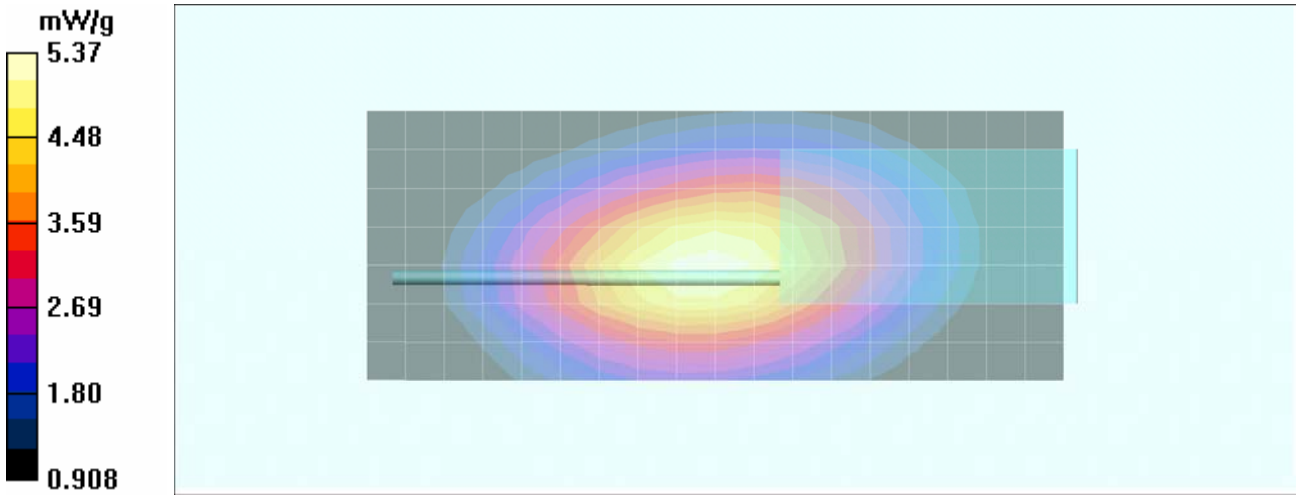
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No.11

Ambient Temp: 23.5°C; Fluid Temp: 22.5°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: CW
Frequency: 455 MHz; Duty Cycle: 1:1
Medium: HSL450 Medium parameters used (interpolated): f = 455 MHz; σ = 0.88 mho/m; ε_r = 45.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.25, 7.25, 7.25); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Face-held SAR - 2.5 cm Spacing from Front of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 5.29 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 85.0 V/m; Power Drift = -1.29 dB
Peak SAR (extrapolated) = 7.01 W/kg
SAR(1 g) = 5.11 mW/g; SAR(10 g) = 3.8 mW/g
Maximum value of SAR (measured) = 5.37 mW/g



Face SAR Plot #7 (F7)

Date Tested: 03/04/2011

Face-held SAR - KRA-27M "Antenna C" - KNB-55L 1480mAh Li-ion "Battery b" – 455.0 MHz

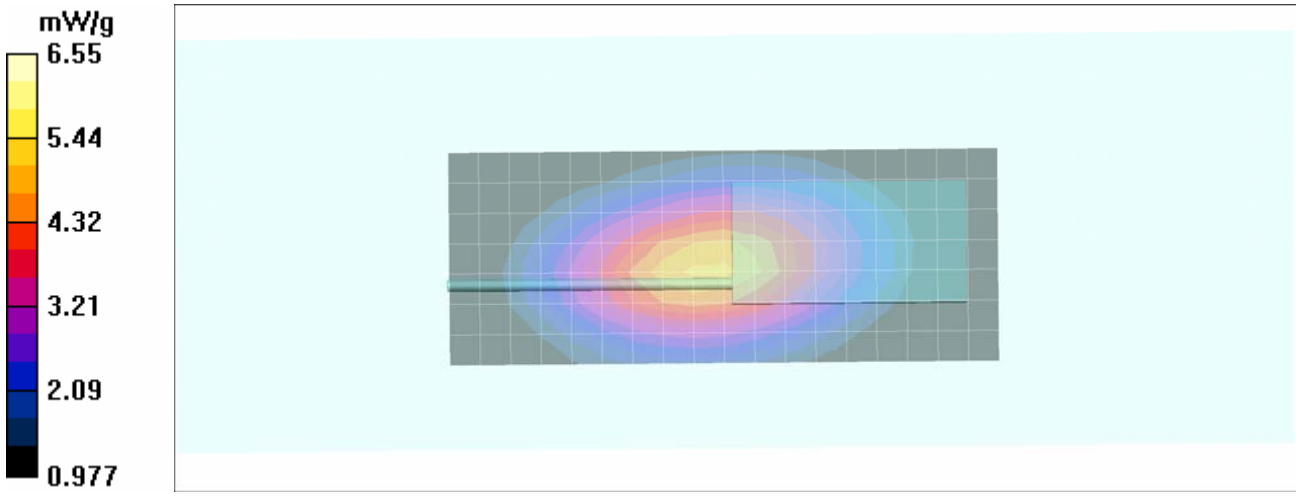
DUT: Kenwood NX-320-K4; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: 0320K411

Ambient Temp: 22.8°C; Fluid Temp: 21.9°C; Barometric Pressure: 101.1 kPa; Humidity: 34%

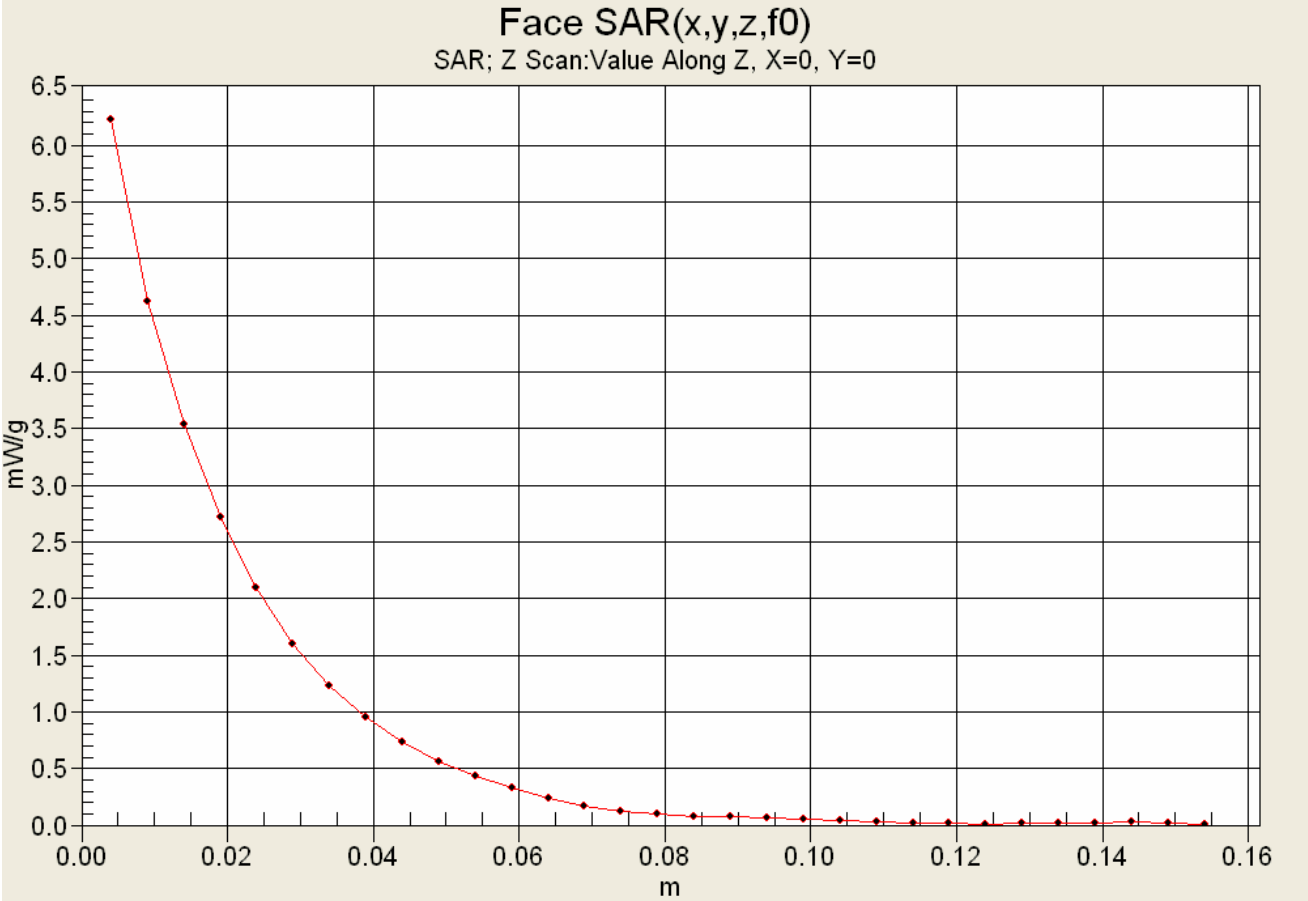
Communication System: CW
Frequency: 455 MHz; Duty Cycle: 1:1
Medium: HSL450 Medium parameters used (interpolated): f = 455 MHz; σ = 0.86 mho/m; ε_r = 43.4; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.25, 7.25, 7.25); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Face-held SAR - 2.5 cm Spacing from Front of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 5.19 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 85.5 V/m; Power Drift = -0.236 dB
Peak SAR (extrapolated) = 8.48 W/kg
SAR(1 g) = 6.25 mW/g; SAR(10 g) = 4.63 mW/g
Maximum value of SAR (measured) = 6.55 mW/g



Z-Axis Scan



Face SAR Plot #8 (F8)

Date Tested: 03/04/2011

Face-held SAR - KRA-27M "Antenna C" - KNB-55L 1480mAh Li-ion "Battery b" – 455.0 MHz

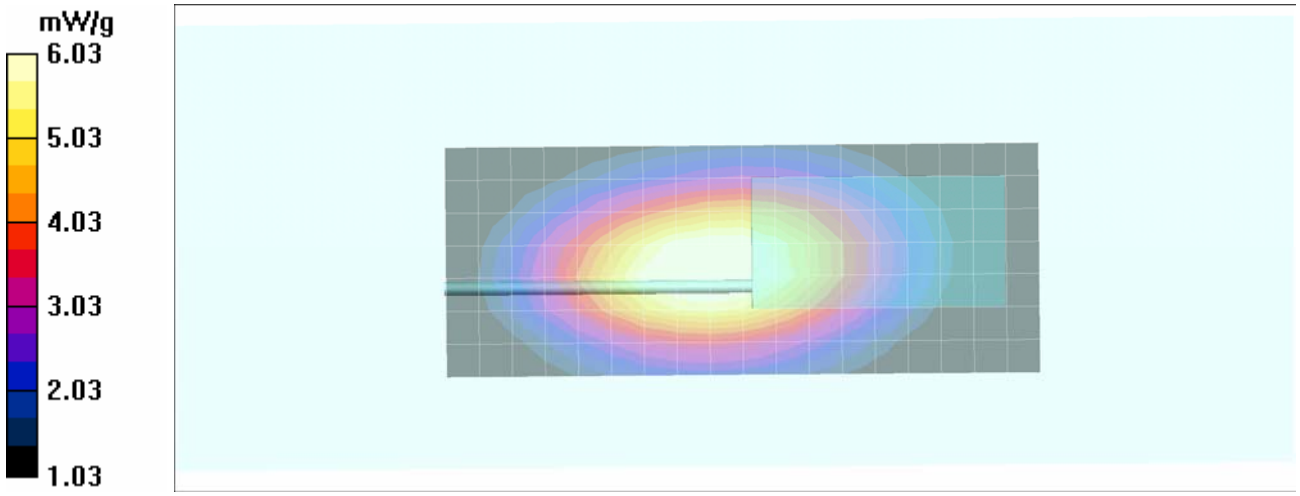
DUT: Kenwood NX-320-K5; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: 0320K507

Ambient Temp: 22.8°C; Fluid Temp: 21.9°C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW
Frequency: 455 MHz; Duty Cycle: 1:1
Medium: HSL450 Medium parameters used (interpolated): f = 455 MHz; σ = 0.86 mho/m; ε_r = 43.4; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.25, 7.25, 7.25); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Face-held SAR - 2.5 cm Spacing from Front of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 6.56 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 82.5 V/m; Power Drift = -0.275 dB
Peak SAR (extrapolated) = 7.81 W/kg
SAR(1 g) = 5.77 mW/g; SAR(10 g) = 4.32 mW/g
Maximum value of SAR (measured) = 6.03 mW/g



Face SAR Plot #9 (F9)

Date Tested: 01/06/2011

Face-held SAR - KRA-27M3 "Antenna D" – KNB-57L 2000mAh Li-ion "Battery a" – 435.4 MHz

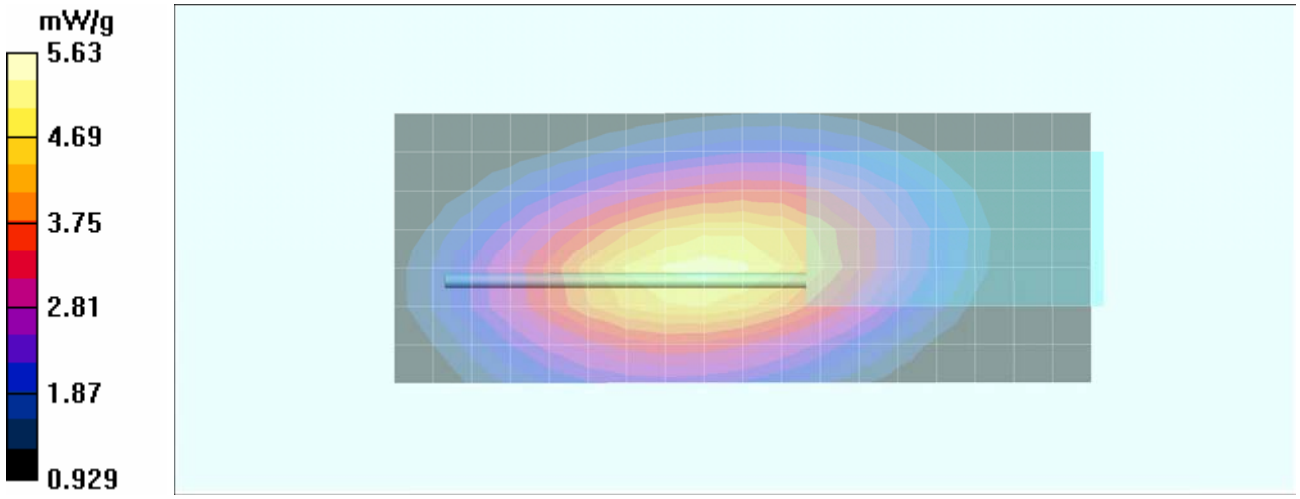
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No.11

Ambient Temp: 23.5°C; Fluid Temp: 22.5°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: CW
Frequency: 435.4 MHz; Duty Cycle: 1:1
Medium: HSL450 Medium parameters used (interpolated): f = 435.4 MHz; σ = 0.87 mho/m; ε_r = 45.5; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.25, 7.25, 7.25); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Face-held SAR - 2.5 cm Spacing from Front of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 5.18 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 78.0 V/m; Power Drift = -0.078 dB
Peak SAR (extrapolated) = 7.36 W/kg
SAR(1 g) = 5.39 mW/g; SAR(10 g) = 4.01 mW/g
Maximum value of SAR (measured) = 5.63 mW/g



Body SAR Plot #1 (B1)

Date Tested: 01/21/2011

Body-worn SAR - KRA-23M "Antenna A" - KNB-55L 1480mAh Li-ion "Battery b" – 440.0 MHz

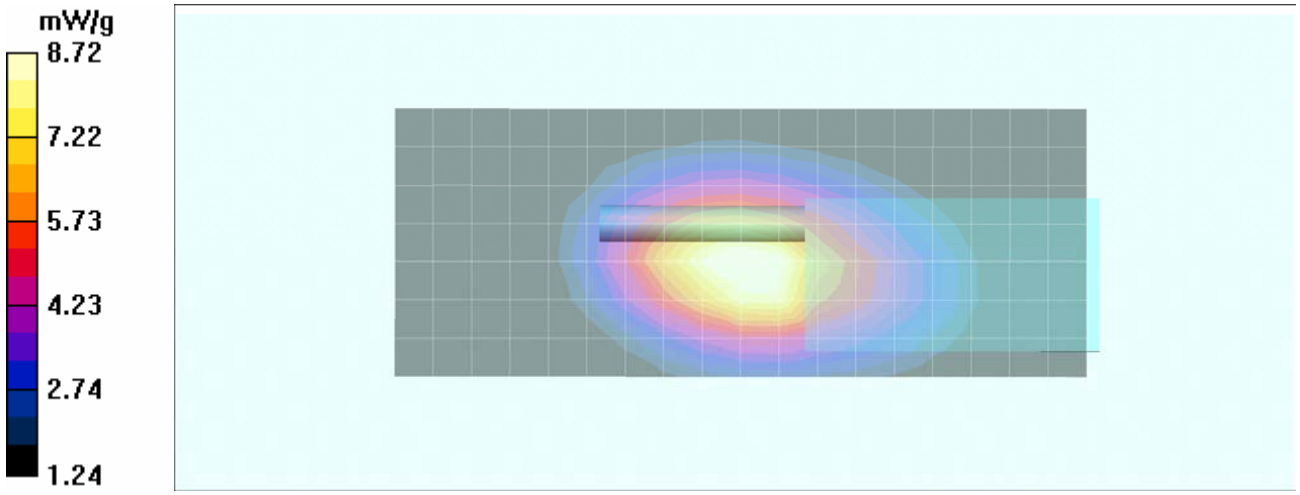
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 440 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 440 MHz; σ = 0.92 mho/m; ε_r = 57.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.5 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 9.13 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 99.6 V/m; Power Drift = -0.207 dB
Peak SAR (extrapolated) = 12.4 W/kg
SAR(1 g) = 8.33 mW/g; SAR(10 g) = 5.92 mW/g
Maximum value of SAR (measured) = 8.72 mW/g



Body SAR Plot #2 (B2)

Date Tested: 01/07/2011

Body-worn SAR - KRA-23M "Antenna A" - KNB-55L 1480mAh Li-ion "Battery b" – 455.0 MHz

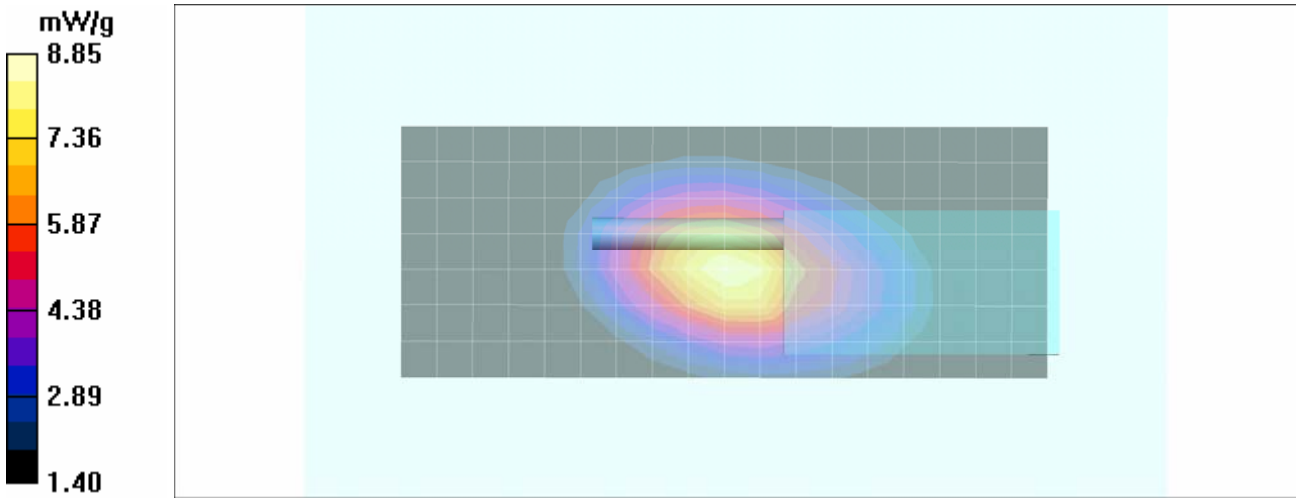
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.0°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 455 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 455 MHz; σ = 0.915 mho/m; ε_r = 58.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.5 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 8.46 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 101.9 V/m; Power Drift = -0.411 dB
Peak SAR (extrapolated) = 12.3 W/kg
SAR(1 g) = 8.41 mW/g; SAR(10 g) = 6.02 mW/g
Maximum value of SAR (measured) = 8.85 mW/g



Body SAR Plot #3 (B3)

Date Tested: 01/21/2011

Body-worn SAR - KRA-23M "Antenna A" - KNB-55L 1480mAh Li-ion "Battery b" – 470.0 MHz

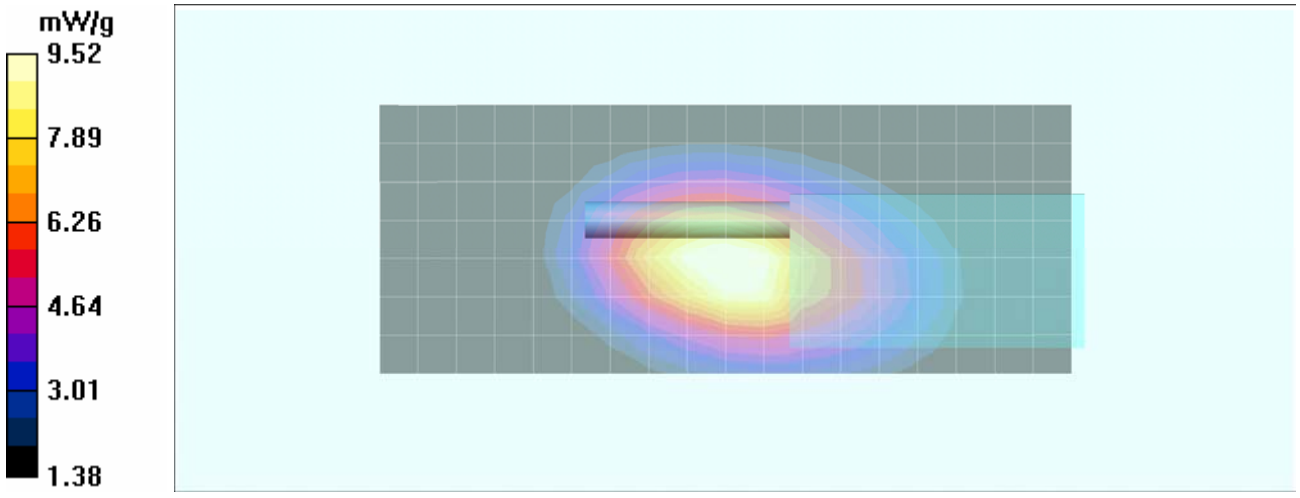
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 470 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 470 MHz; σ = 0.94 mho/m; ε_r = 57.5; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.5 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 10.1 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 103.0 V/m; Power Drift = -0.214 dB
Peak SAR (extrapolated) = 13.6 W/kg
SAR(1 g) = 9.21 mW/g; SAR(10 g) = 6.65 mW/g
Maximum value of SAR (measured) = 9.52 mW/g



Body SAR Plot #4 (B4)

Date Tested: 01/07/2011

Body-worn SAR - KRA-23M3 "Antenna B" - KNB-55L 1480mAh Li-ion "Battery b" – 435.4 MHz

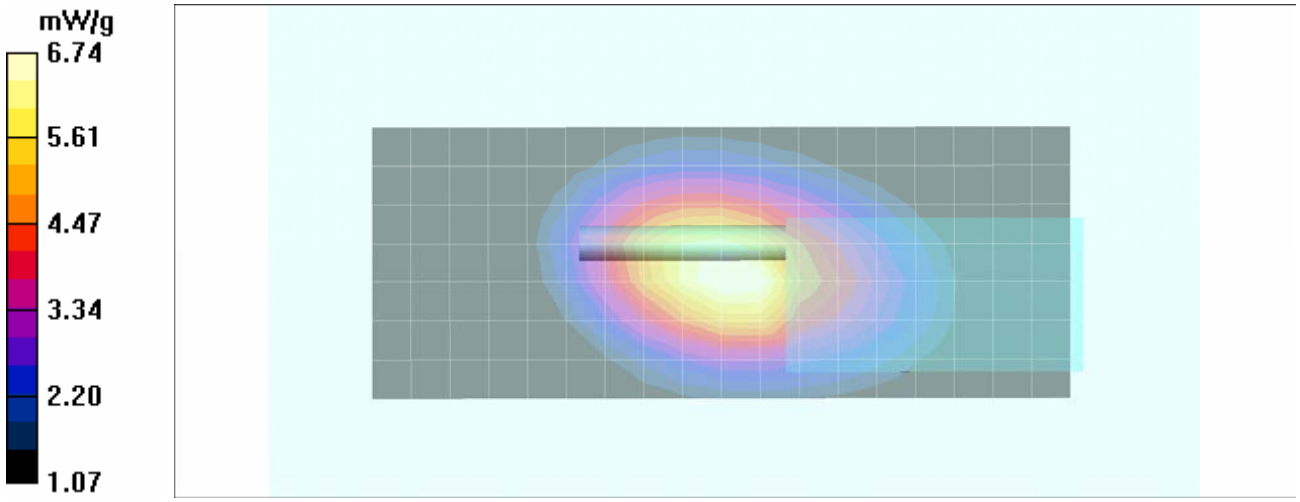
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.0°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 435.4 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 435.4 MHz; σ = 0.905 mho/m; ε_r = 59.1; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.5 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 6.83 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 84.5 V/m; Power Drift = -0.080 dB
Peak SAR (extrapolated) = 9.38 W/kg
SAR(1 g) = 6.43 mW/g; SAR(10 g) = 4.62 mW/g
Maximum value of SAR (measured) = 6.74 mW/g



Body SAR Plot #5 (B5)

Date Tested: 01/21/2011

Body-worn SAR - KRA-27M "Antenna C" - KNB-55L 1480mAh Li-ion "Battery b" – 440.0 MHz

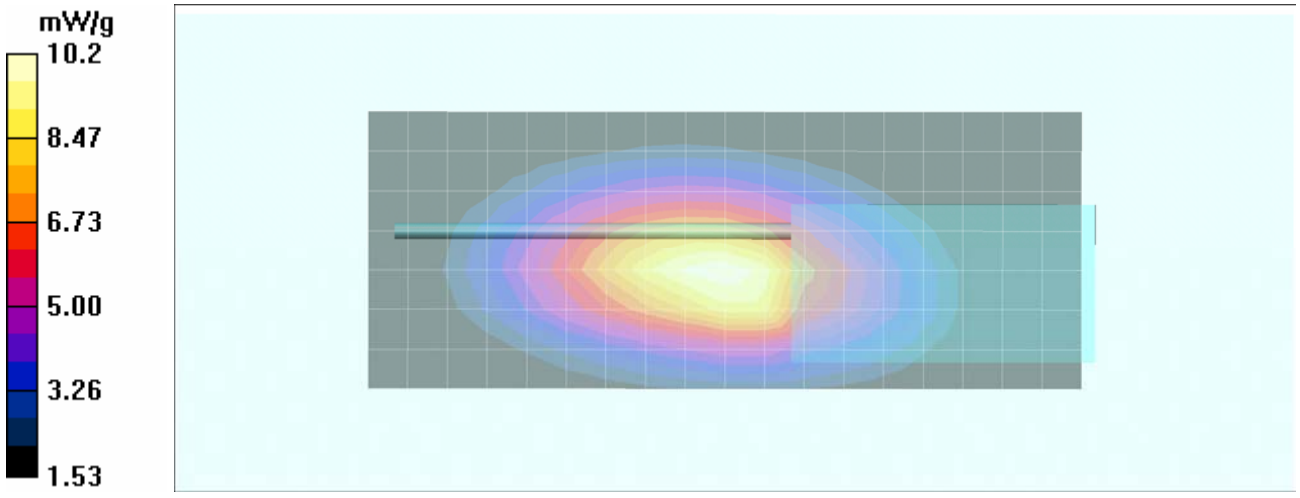
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

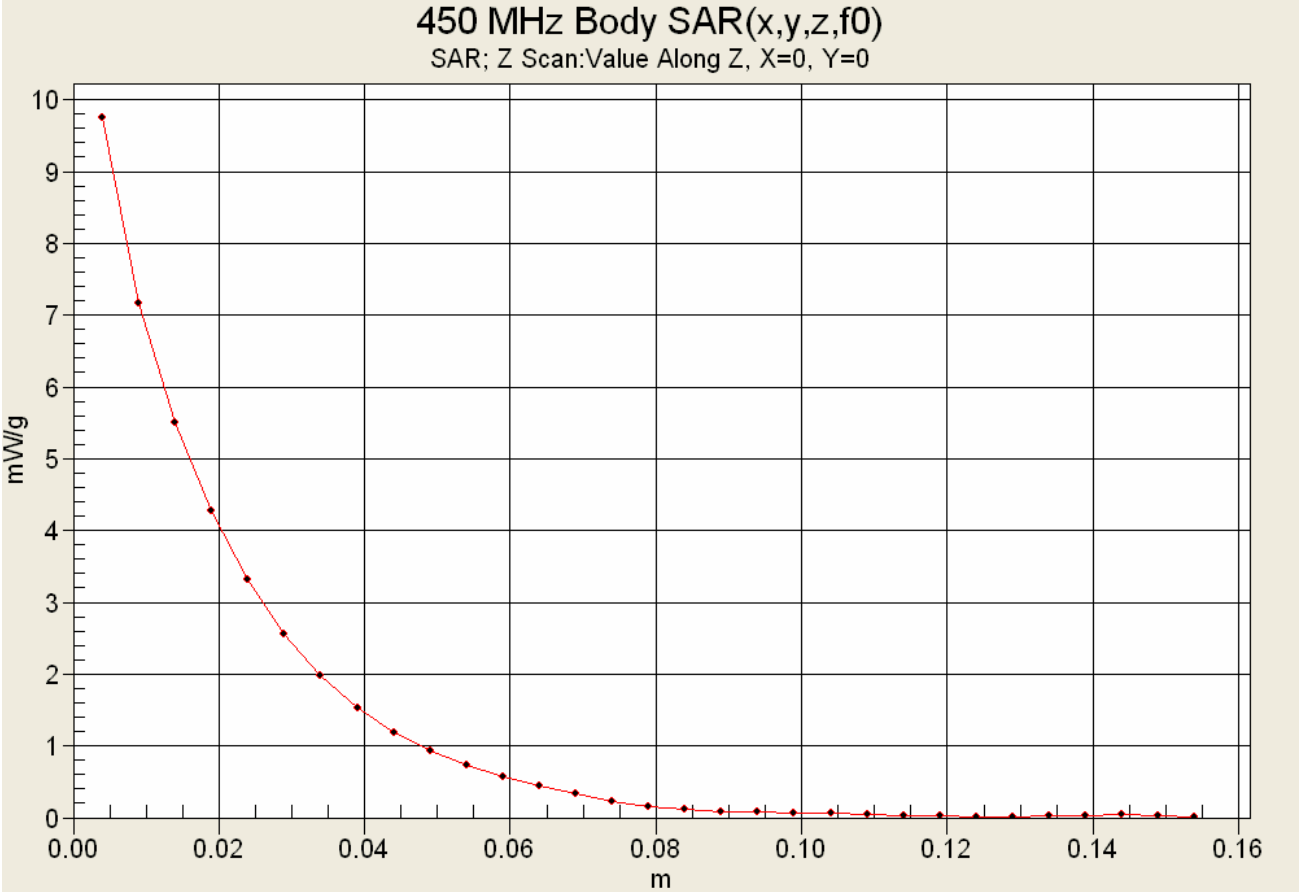
Communication System: CW
Frequency: 440 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 440 MHz; σ = 0.92 mho/m; ε_r = 57.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

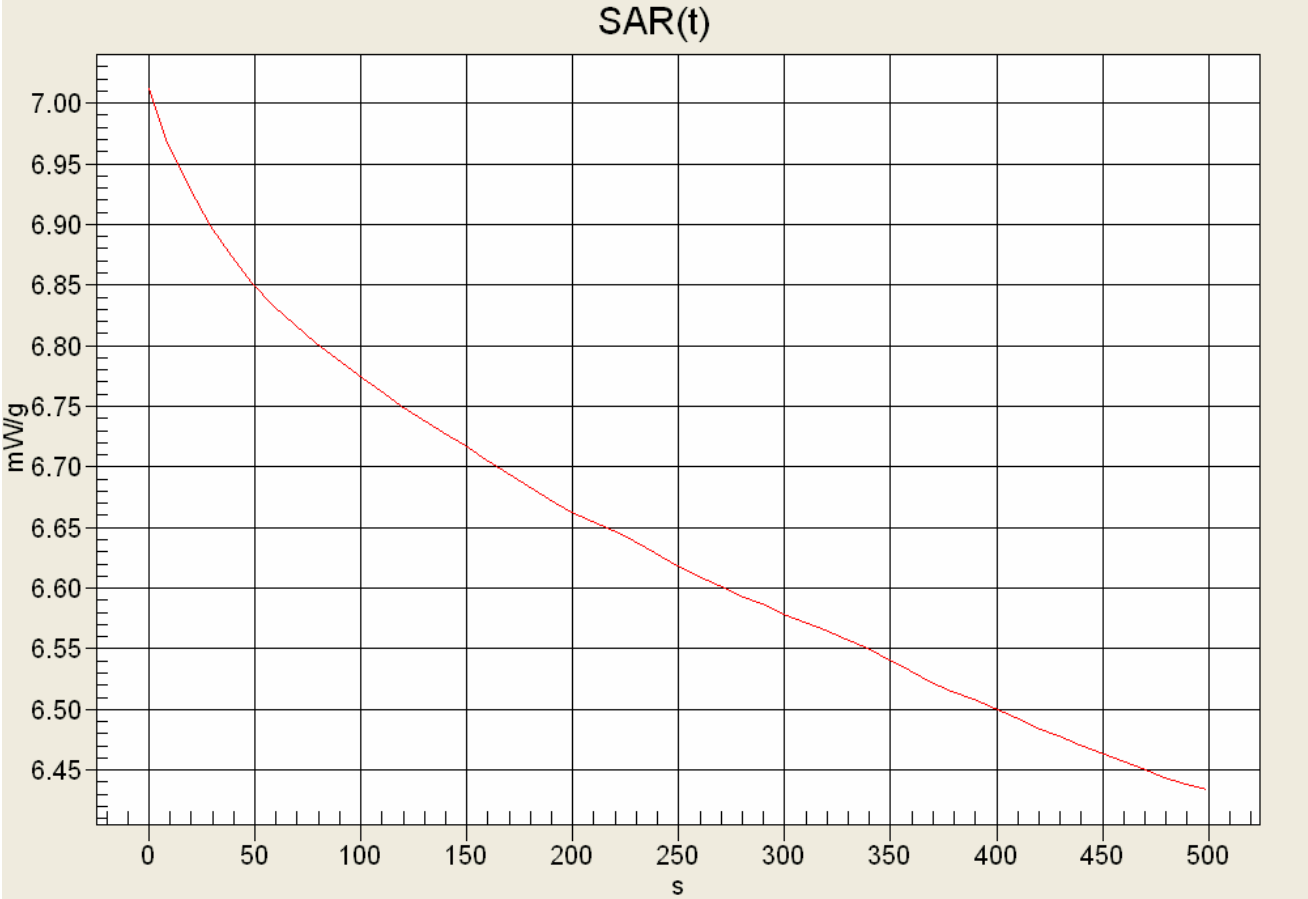
Body-worn SAR – 1.5 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 10.1 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 109.6 V/m; Power Drift = -0.363 dB
Peak SAR (extrapolated) = 14.4 W/kg
SAR(1 g) = 9.77 mW/g; SAR(10 g) = 7.08 mW/g
Maximum value of SAR (measured) = 10.2 mW/g



Z-Axis Scan



SAR Droop Evaluation (SAR-versus-Time)



SAR - 0s – 7.012 mW/g
SAR - 340s – 6.550 mW/g (-0.296 dB)
SAR - 500s – 6.434 mW/g (-0.374 dB)

Body SAR Plot #6 (B6)

Date Tested: 01/07/2011

Body-worn SAR - KRA-27M "Antenna C" - KNB-55L 1480mAh Li-ion "Battery b" – 455.0 MHz

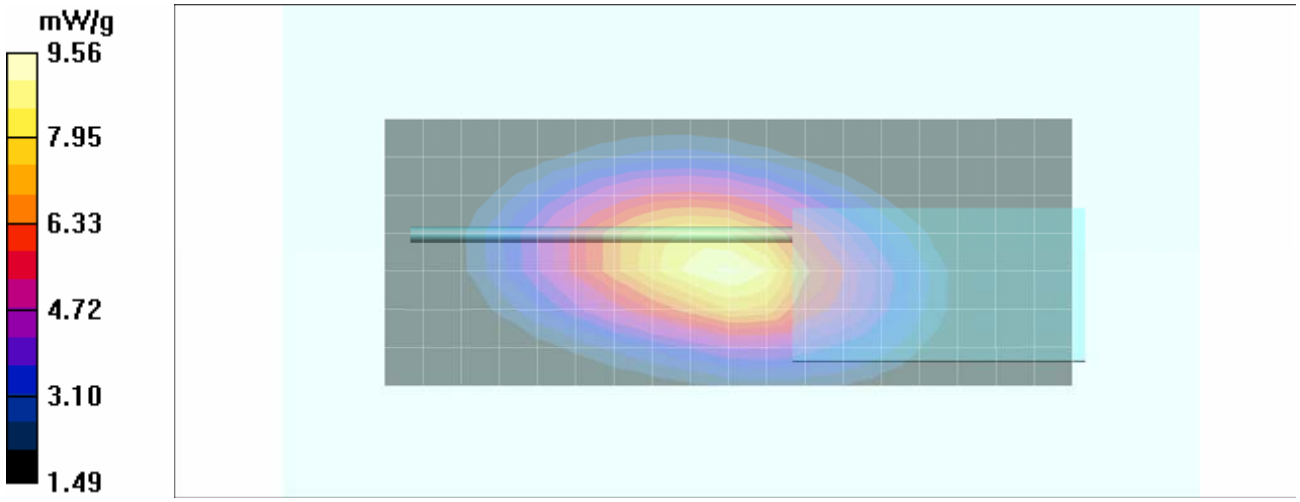
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.0°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

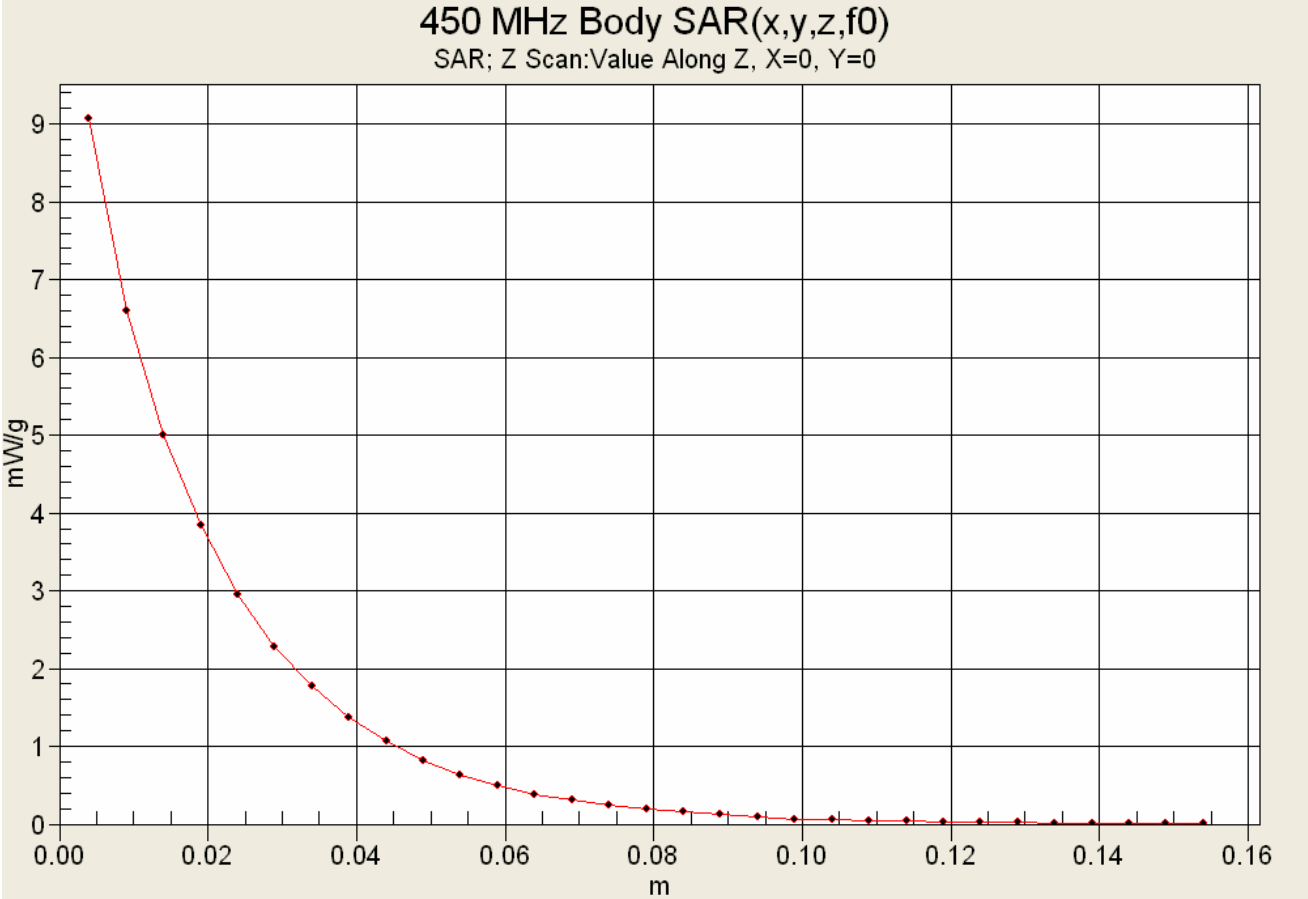
Communication System: CW
Frequency: 455 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 455 MHz; σ = 0.915 mho/m; ε_r = 58.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.5 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 9.16 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 105.0 V/m; Power Drift = -0.377 dB
Peak SAR (extrapolated) = 13.2 W/kg
SAR(1 g) = 9.13 mW/g; SAR(10 g) = 6.61 mW/g
Maximum value of SAR (measured) = 9.56 mW/g



Z-Axis Scan



Body SAR Plot #7 (B7)

Date Tested: 01/21/2011

Body-worn SAR - KRA-27M "Antenna C" - KNB-55L 1480mAh Li-ion "Battery b" – 470.0 MHz

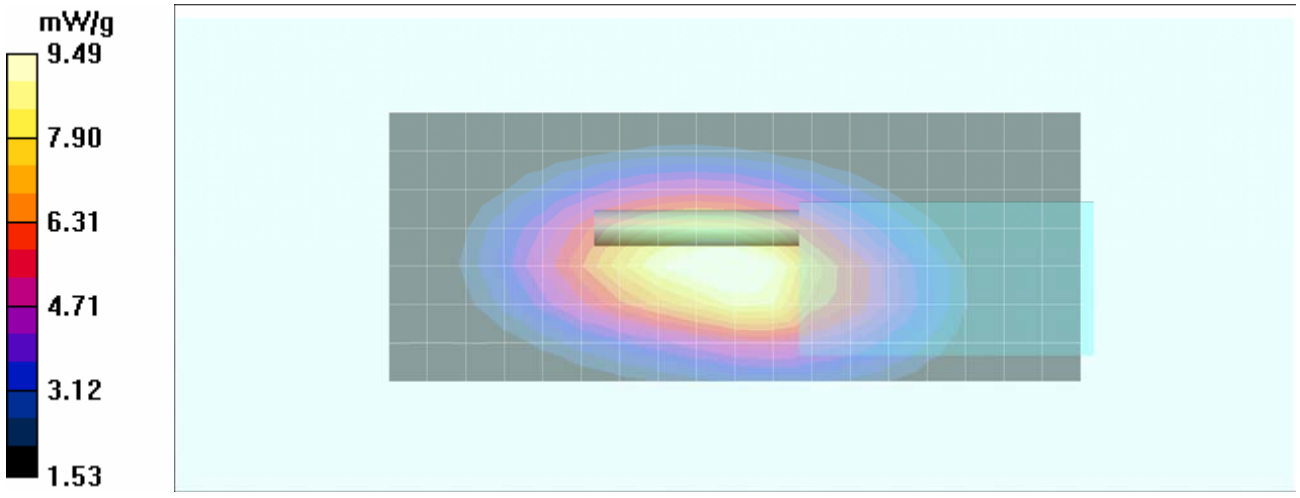
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 470 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 470 MHz; σ = 0.94 mho/m; ε_r = 57.5; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.5 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 9.98 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 101.7 V/m; Power Drift = -0.191 dB
Peak SAR (extrapolated) = 13.3 W/kg
SAR(1 g) = 9.03 mW/g; SAR(10 g) = 6.51 mW/g
Maximum value of SAR (measured) = 9.49 mW/g



Body SAR Plot #8 (B8)

Date Tested: 01/21/2011

Body-worn SAR - KRA-27M "Antenna C" - KNB-57L 2000mAh Li-ion "Battery a" – 440.0 MHz

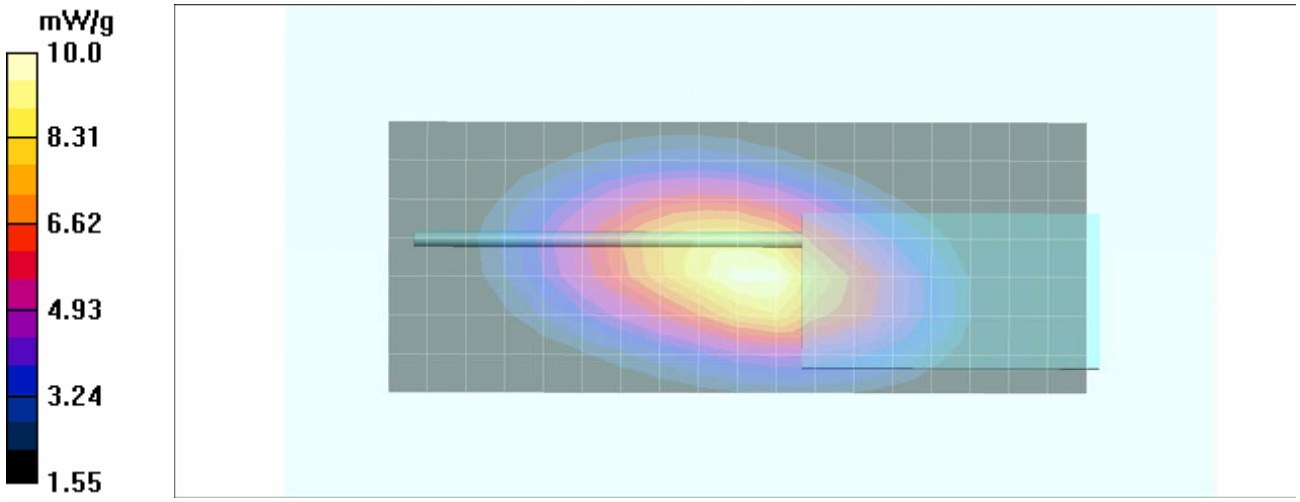
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 440 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 440 MHz; σ = 0.92 mho/m; ε_r = 57.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.6 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 9.66 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 106.3 V/m; Power Drift = -0.271 dB
Peak SAR (extrapolated) = 13.9 W/kg
SAR(1 g) = 9.53 mW/g; SAR(10 g) = 6.84 mW/g
Maximum value of SAR (measured) = 10.0 mW/g



Body SAR Plot #9 (B9)

Date Tested: 01/21/2011

Body-worn SAR - KRA-27M "Antenna C" - KNB-56N 1400mAh Ni-MH "Battery c" – 440.0 MHz

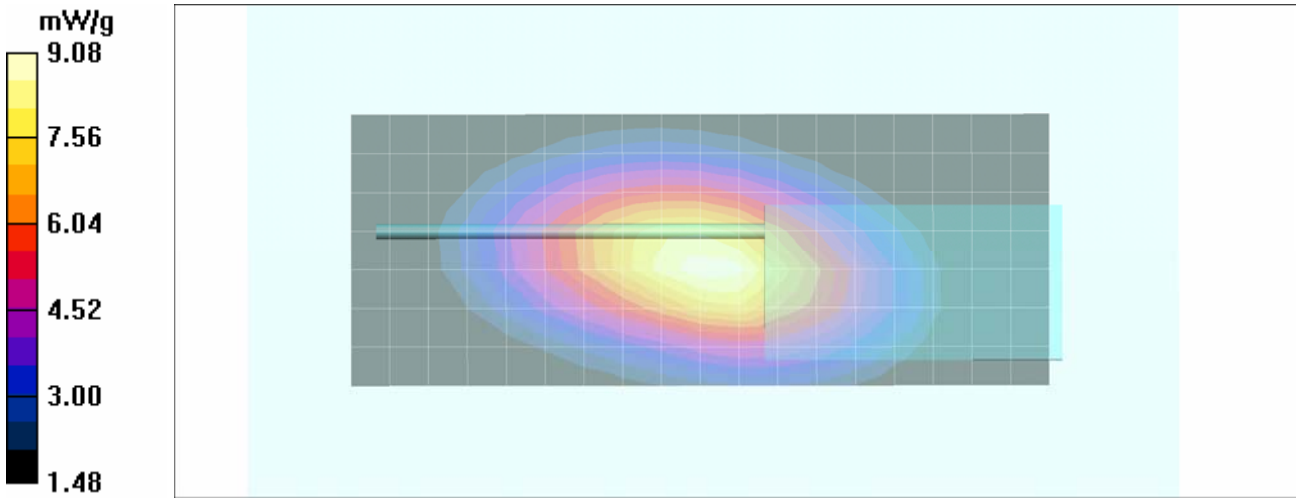
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 440 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 440 MHz; σ = 0.92 mho/m; ε_r = 57.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.7 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 8.93 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 102.4 V/m; Power Drift = -0.441 dB
Peak SAR (extrapolated) = 12.4 W/kg
SAR(1 g) = 8.67 mW/g; SAR(10 g) = 6.31 mW/g
Maximum value of SAR (measured) = 9.08 mW/g



Body SAR Plot #10 (B10)

Date Tested: 01/21/2011

Body-worn SAR - KRA-27M "Antenna C" - KBP-5 AA x6 Alkaline "Battery d" – 440.0 MHz

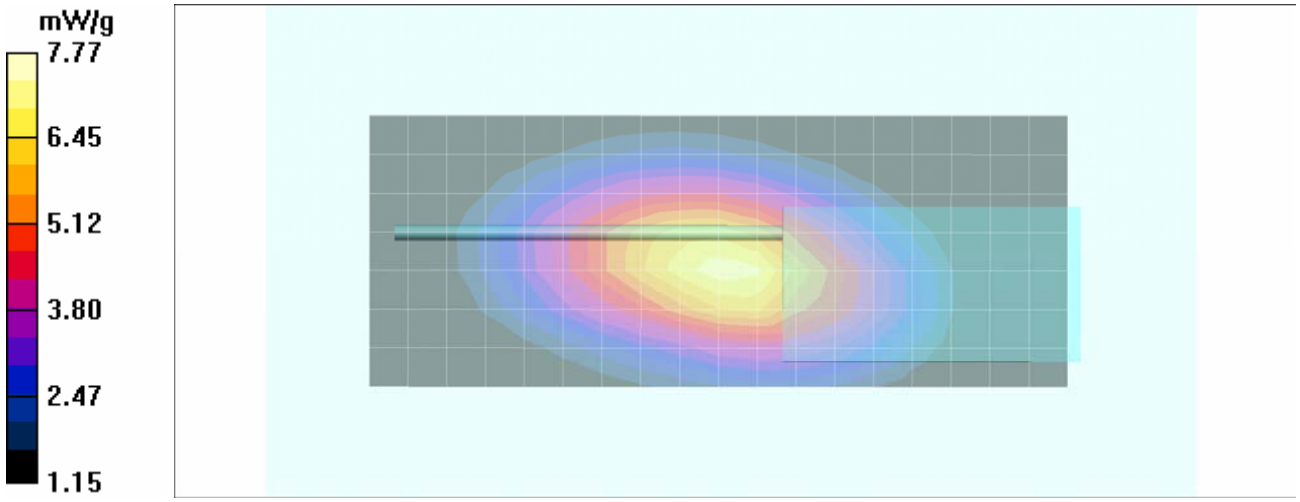
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 440 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 440 MHz; σ = 0.92 mho/m; ε_r = 57.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.7 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 7.18 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 101.3 V/m; Power Drift = -1.28 dB
Peak SAR (extrapolated) = 10.6 W/kg
SAR(1 g) = 7.39 mW/g; SAR(10 g) = 5.4 mW/g
Maximum value of SAR (measured) = 7.77 mW/g



Body SAR Plot #11 (B11)

Date Tested: 01/07/2011

Body-worn SAR - KRA-27M3 "Antenna D" - KNB-55L 1480mAh Li-ion "Battery b" – 435.4 MHz

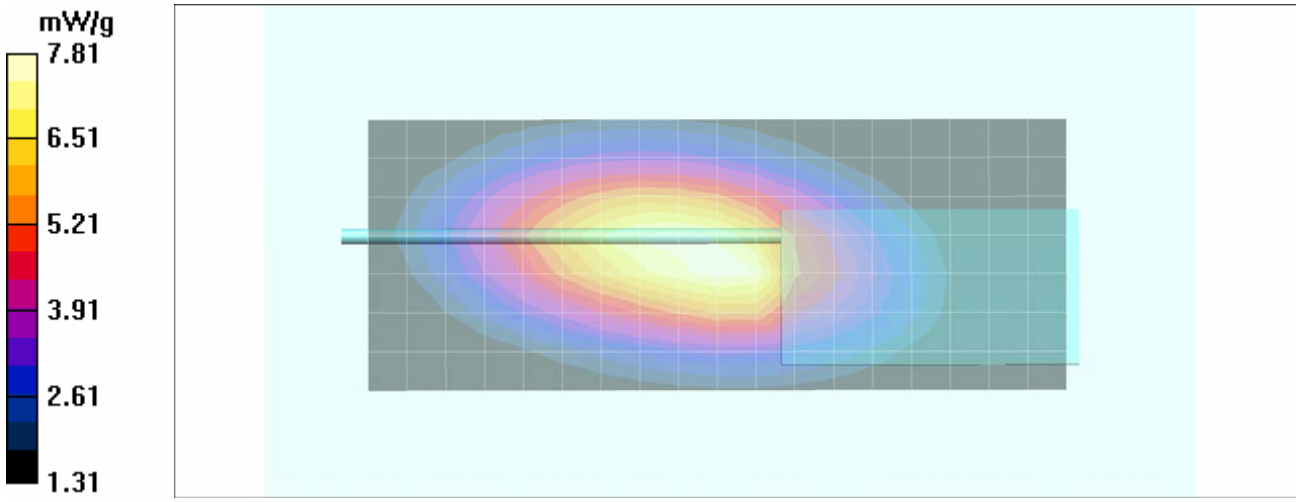
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.0°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 435.4 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 435.4 MHz; σ = 0.905 mho/m; ε_r = 59.1; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.5 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 7.58 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 89.1 V/m; Power Drift = -0.052 dB
Peak SAR (extrapolated) = 10.6 W/kg
SAR(1 g) = 7.45 mW/g; SAR(10 g) = 5.46 mW/g
Maximum value of SAR (measured) = 7.81 mW/g



Body SAR Plot #12 (B12)

Date Tested: 01/21/2011

Body-worn SAR - KRA-27M3 "Antenna D" - KNB-55L 1480mAh Li-ion "Battery b" – 406.1 MHz

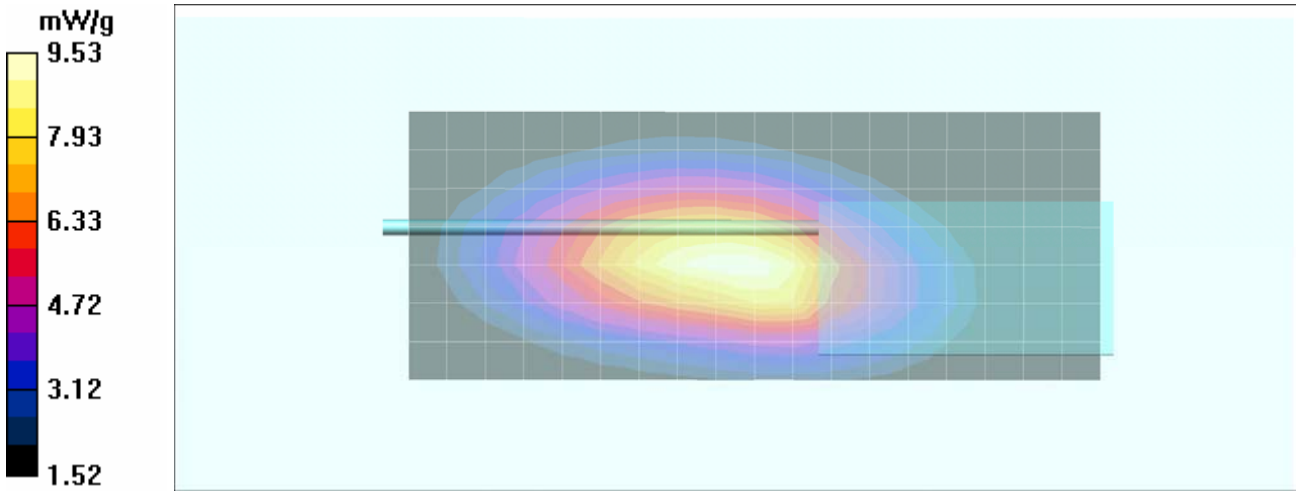
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 406.1 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 406.1 MHz; σ = 0.906 mho/m; ε_r = 58.1; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.5 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 9.45 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 103.0 V/m; Power Drift = -0.109 dB
Peak SAR (extrapolated) = 12.9 W/kg
SAR(1 g) = 9.17 mW/g; SAR(10 g) = 6.71 mW/g
Maximum value of SAR (measured) = 9.53 mW/g



Body SAR Plot #13 (B13)

Date Tested: 01/21/2011

Body-worn SAR - KRA-27M3 "Antenna D" - KNB-55L 1480mAh Li-ion "Battery b" – 420.7 MHz

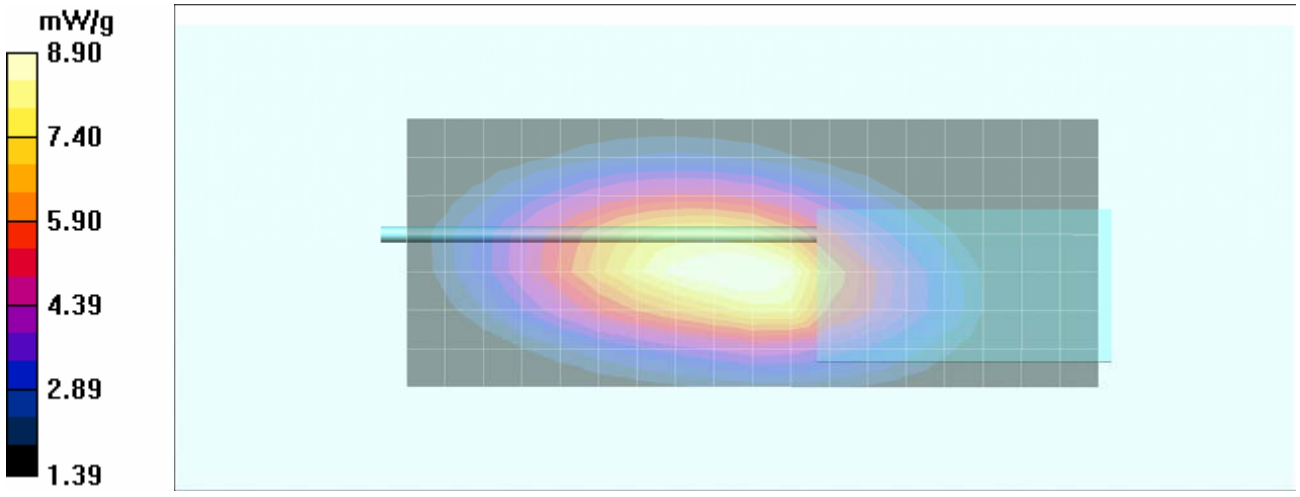
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 420.7 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 420.7 MHz; σ = 0.901 mho/m; ε_r = 57.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.5 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 9.15 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 100.1 V/m; Power Drift = -0.196 dB
Peak SAR (extrapolated) = 12.0 W/kg
SAR(1 g) = 8.52 mW/g; SAR(10 g) = 6.25 mW/g
Maximum value of SAR (measured) = 8.90 mW/g



Body SAR Plot #14 (B14)

Date Tested: 01/07/2011

Body-worn SAR - KRA-23M "Antenna A" - KNB-55L 1480mAh Li-ion "Battery b" – 455.0 MHz

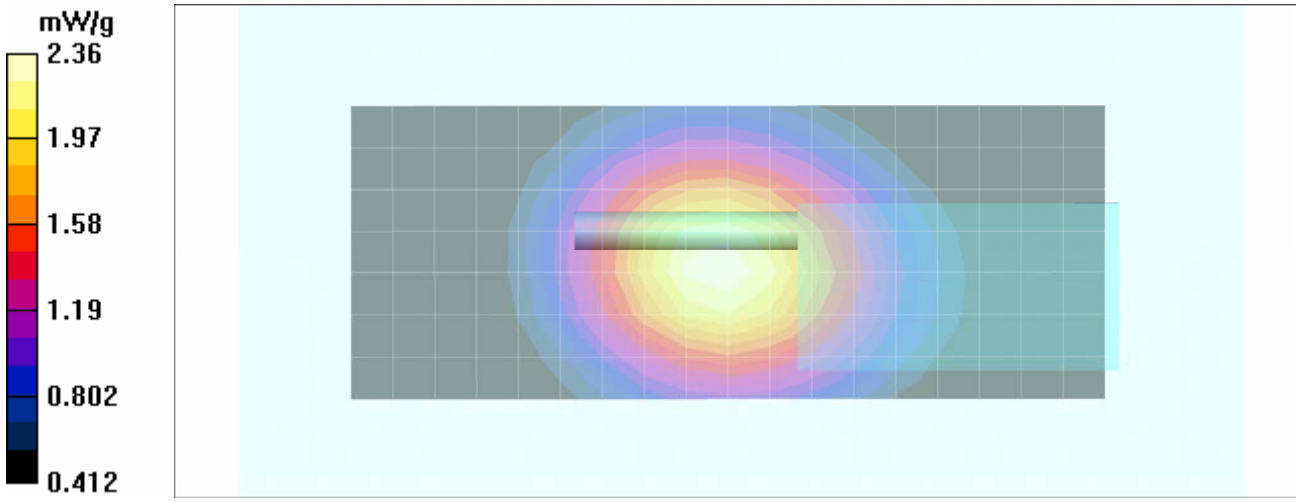
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Swivel Belt-Loop (P/N: KBH-13DS)

Ambient Temp: 23.0°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 455 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 455 MHz; σ = 0.915 mho/m; ε_r = 58.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 4.7 cm Belt-Loop Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.34 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 50.9 V/m; Power Drift = -0.492 dB
Peak SAR (extrapolated) = 3.13 W/kg
SAR(1 g) = 2.27 mW/g; SAR(10 g) = 1.7 mW/g
Maximum value of SAR (measured) = 2.36 mW/g



Body SAR Plot #15 (B15)

Date Tested: 01/07/2011

Body-worn SAR - KRA-23M3 "Antenna B" - KNB-55L 1480mAh Li-ion "Battery b" – 435.4 MHz

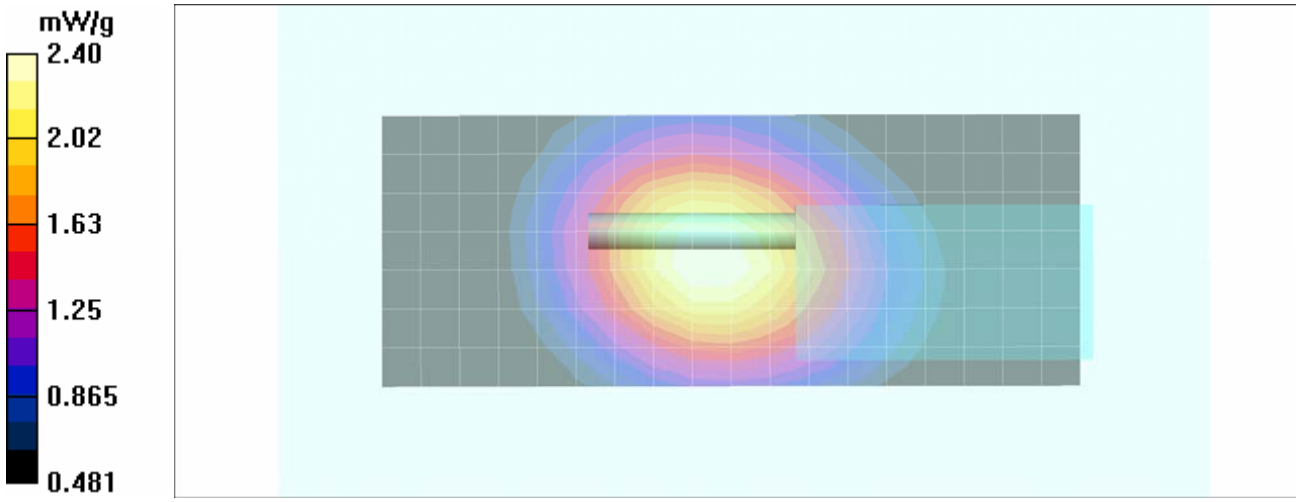
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Swivel Belt-Loop (P/N: KBH-13DS)

Ambient Temp: 23.0°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 435.4 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 435.4 MHz; σ = 0.905 mho/m; ε_r = 59.1; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 4.7 cm Belt-Loop Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.41 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 49.4 V/m; Power Drift = -0.215 dB
Peak SAR (extrapolated) = 3.18 W/kg
SAR(1 g) = 2.31 mW/g; SAR(10 g) = 1.73 mW/g
Maximum value of SAR (measured) = 2.40 mW/g



Body SAR Plot #16 (B16)

Date Tested: 01/07/2011

Body-worn SAR - KRA-27M "Antenna C" - KNB-55L 1480mAh Li-ion "Battery b" – 455.0 MHz

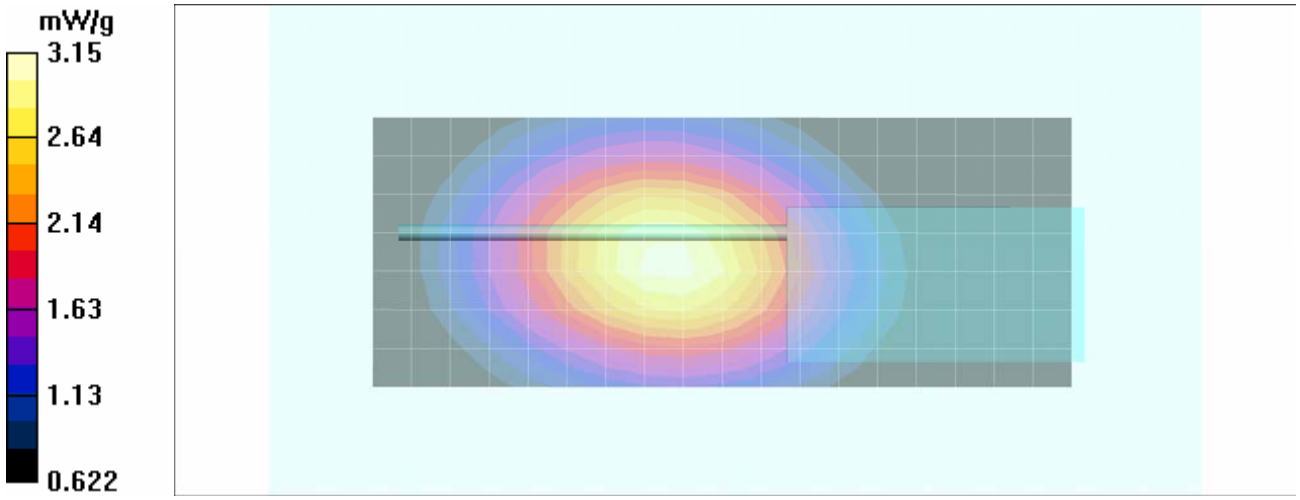
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Swivel Belt-Loop (P/N: KBH-13DS)

Ambient Temp: 23.0°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 455 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 455 MHz; σ = 0.915 mho/m; ε_r = 58.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 4.7 cm Belt-Loop Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.06 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.3 V/m; Power Drift = -0.219 dB
Peak SAR (extrapolated) = 4.16 W/kg
SAR(1 g) = 3.02 mW/g; SAR(10 g) = 2.27 mW/g
Maximum value of SAR (measured) = 3.15 mW/g



Body SAR Plot #17 (B17)

Date Tested: 01/07/2011

Body-worn SAR - KRA-27M "Antenna C" - KNB-57L 2000mAh Li-ion "Battery a" – 455.0 MHz

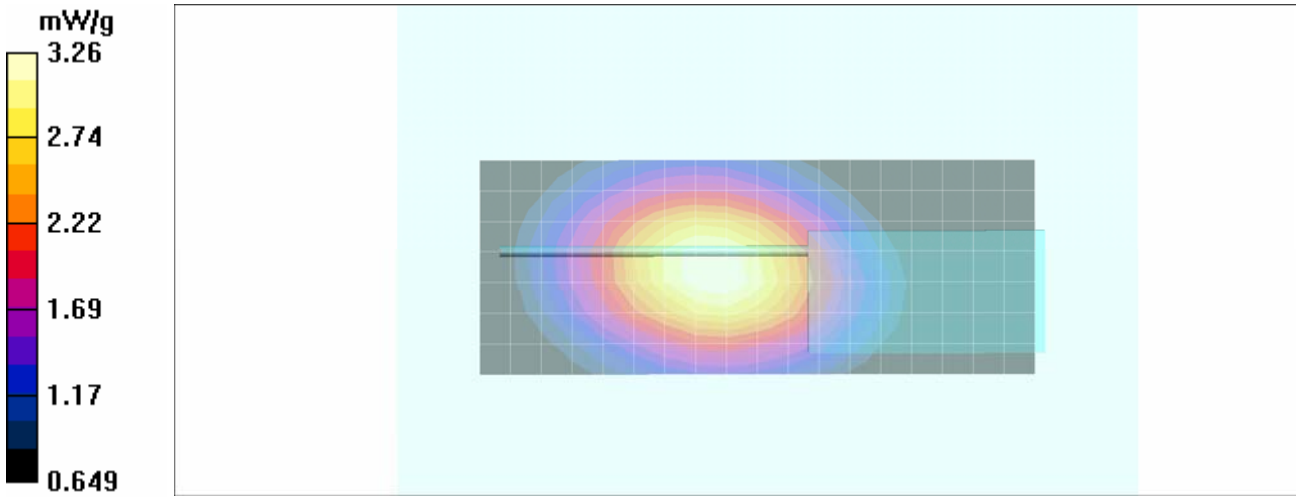
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Swivel Belt-Loop (P/N: KBH-13DS)

Ambient Temp: 23.0°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 455 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 455 MHz; σ = 0.915 mho/m; ε_r = 58.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 4.7 cm Belt-Loop Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.25 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.4 V/m; Power Drift = -0.272 dB
Peak SAR (extrapolated) = 4.27 W/kg
SAR(1 g) = 3.11 mW/g; SAR(10 g) = 2.34 mW/g
Maximum value of SAR (measured) = 3.26 mW/g



Body SAR Plot #18 (B18)

Date Tested: 01/07/2011

Body-worn SAR - KRA-27M "Antenna C" - KNB-56N 1400mAh Li-ion "Battery c" – 455.0 MHz

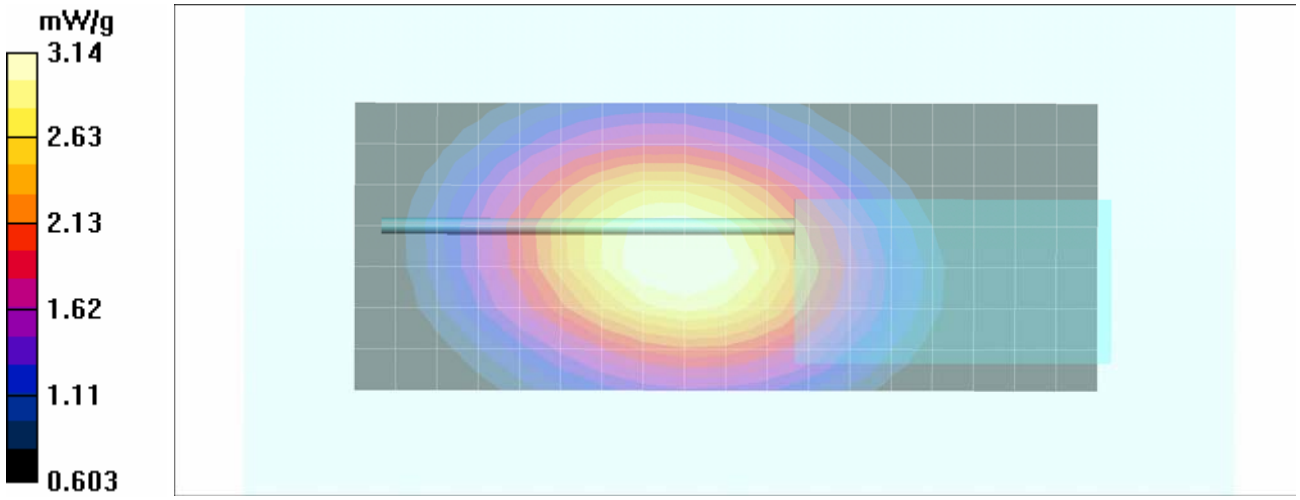
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Swivel Belt-Loop (P/N: KBH-13DS)

Ambient Temp: 23.0°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 455 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 455 MHz; σ = 0.915 mho/m; ε_r = 58.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 4.7 cm Belt-Loop Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.25 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 57.2 V/m; Power Drift = -0.479 dB
Peak SAR (extrapolated) = 4.15 W/kg
SAR(1 g) = 3.01 mW/g; SAR(10 g) = 2.26 mW/g
Maximum value of SAR (measured) = 3.14 mW/g



Body SAR Plot #19 (B19)

Date Tested: 01/07/2011

Body-worn SAR - KRA-27M "Antenna C" - KBP-5 AA x6 Alkaline "Battery d" – 455.0 MHz

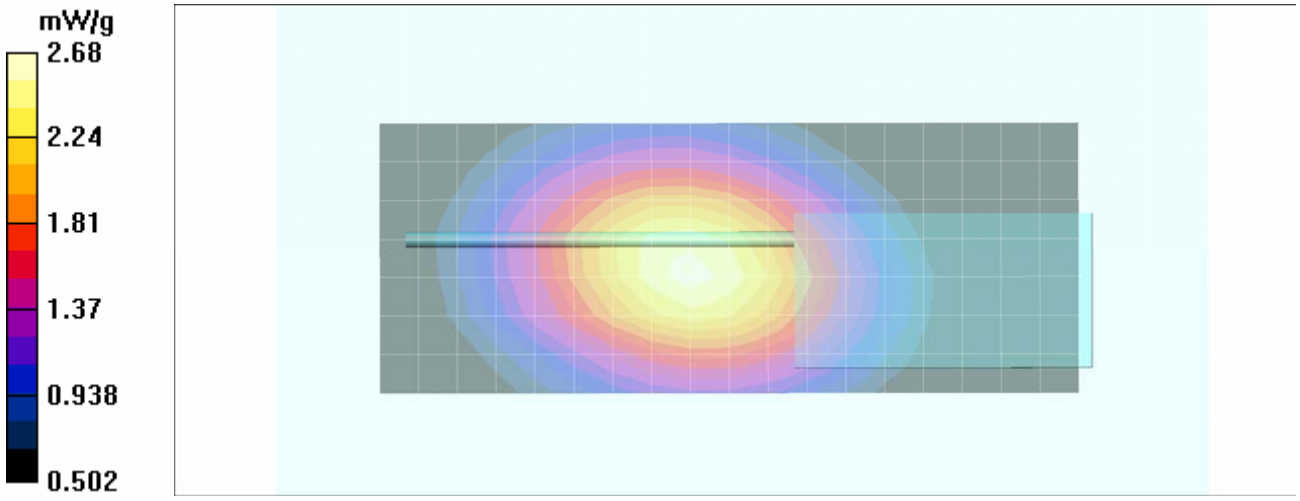
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Swivel Belt-Loop (P/N: KBH-13DS)

Ambient Temp: 23.0°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 455 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 455 MHz; σ = 0.915 mho/m; ε_r = 58.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 4.7 cm Belt-Loop Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.61 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 56.4 V/m; Power Drift = -1.20 dB
Peak SAR (extrapolated) = 3.53 W/kg
SAR(1 g) = 2.57 mW/g; SAR(10 g) = 1.94 mW/g
Maximum value of SAR (measured) = 2.68 mW/g



Body SAR Plot #20 (B20)

Date Tested: 01/07/2011

Body-worn SAR - KRA-27M3 "Antenna D" - KNB-55L 1480mAh Li-ion "Battery b" – 455.0 MHz

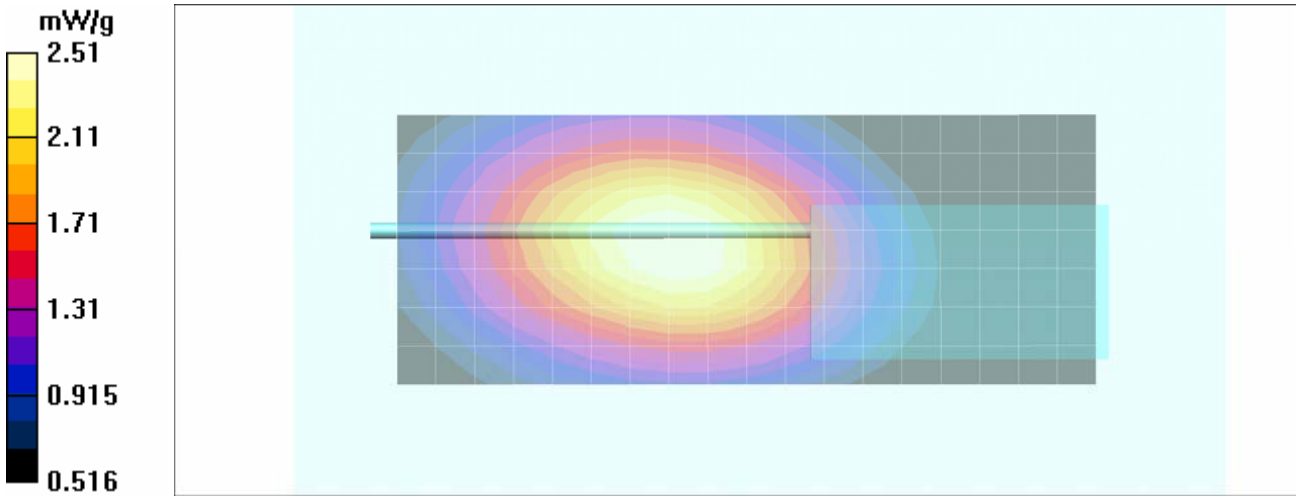
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Default Audio Accessory: Noise Reduction Headset (Behind-the-Head) (P/N: KHS-10-BH)
Body-worn Accessory: Swivel Belt-Loop (P/N: KBH-13DS)

Ambient Temp: 23.0°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 435.4 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 435.4 MHz; σ = 0.905 mho/m; ε_r = 59.1; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 4.7 cm Belt-Loop Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.56 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 48.3 V/m; Power Drift = -0.145 dB
Peak SAR (extrapolated) = 3.32 W/kg
SAR(1 g) = 2.41 mW/g; SAR(10 g) = 1.82 mW/g
Maximum value of SAR (measured) = 2.51 mW/g



Audio Accessory SAR Plot #1 (A1)

Date Tested: 01/21/2011

Body-worn SAR - KRA-23M "Antenna A" - KNB-55L 1480mAh Li-ion "Battery b" – 470.0 MHz

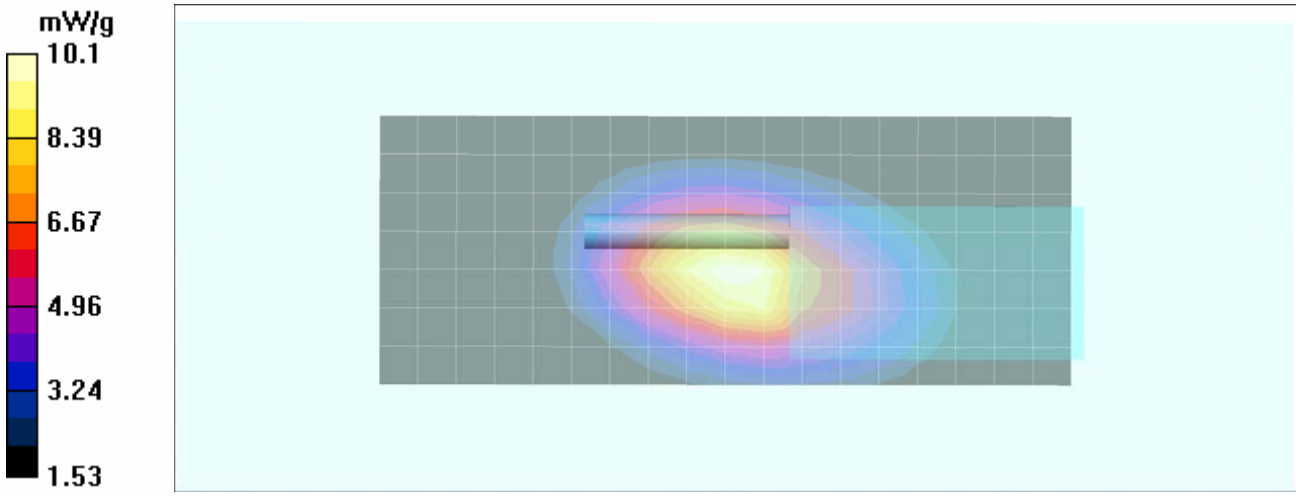
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Audio Accessory Category 2 (Earpiece); Type: D-Ring Ear Hanger w/ PTT & Mic (P/N: KHS-27)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 470 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 470 MHz; σ = 0.94 mho/m; ε_r = 57.5; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.5 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) 9.99 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 106.7 V/m; Power Drift = -0.231 dB
Peak SAR (extrapolated) = 14.3 W/kg
SAR(1 g) = 9.65 mW/g; SAR(10 g) = 6.86 mW/g
Maximum value of SAR (measured) = 10.1 mW/g



Audio Accessory SAR Plot #2 (A2)

Date Tested: 01/21/2011

Body-worn SAR - KRA-23M "Antenna A" - KNB-55L 1480mAh Li-ion "Battery b" – 470.0 MHz

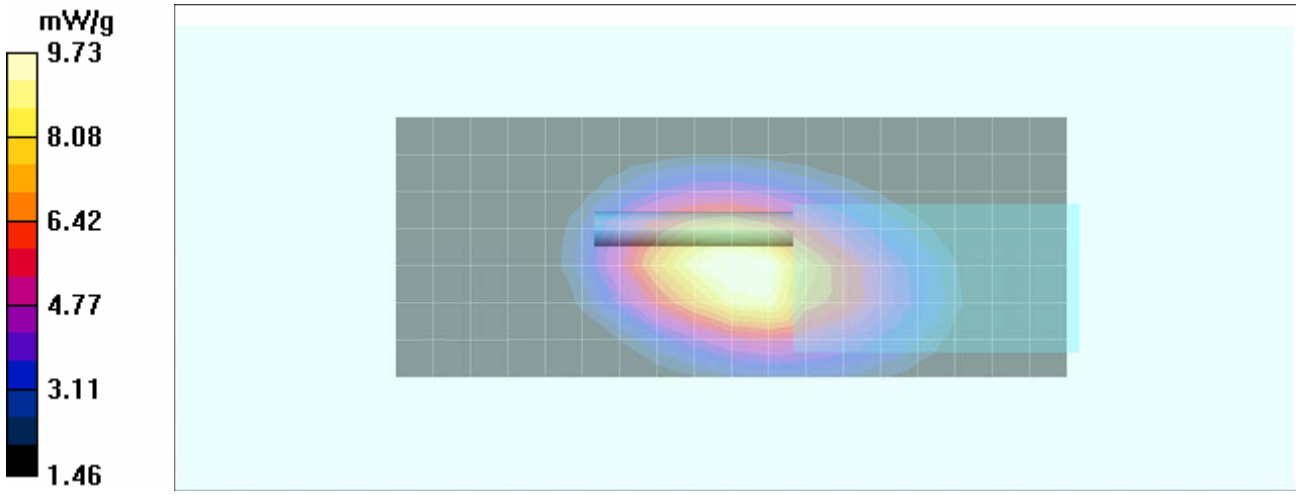
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Audio Accessory Category 3 (Palm-Mic Kit); Type: 3-Wire Lapel Microphone w/ Earpiece (P/N: KHS-9BL)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 470 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 470 MHz; σ = 0.94 mho/m; ε_r = 57.5; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.5 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) 10.1 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 105.0 V/m; Power Drift = -0.375 dB
Peak SAR (extrapolated) = 13.7 W/kg
SAR(1 g) = 9.28 mW/g; SAR(10 g) = 6.6 mW/g
Maximum value of SAR (measured) = 9.73 mW/g



Audio Accessory SAR Plot #3 (A3)

Date Tested: 01/21/2011

Body-worn SAR - KRA-23M "Antenna A" - KNB-55L 1480mAh Li-ion "Battery b" – 470.0 MHz

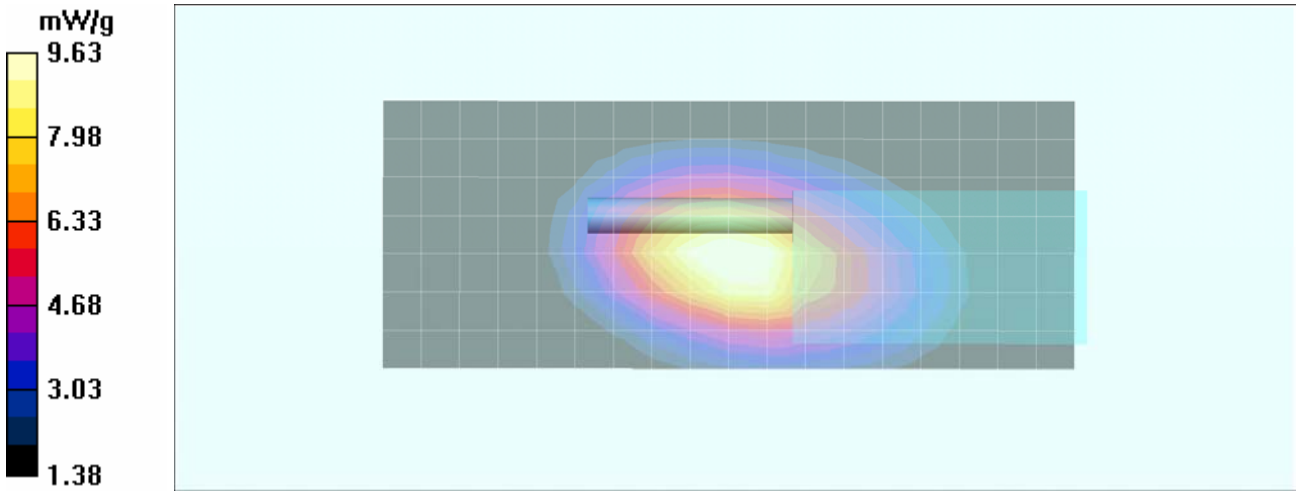
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Audio Accessory Category 4 (Speaker-Mic); Type: Speaker-Microphone with Integral GPS Unit (P/N: KMC-48GPS)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 470 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 470 MHz; σ = 0.94 mho/m; ε_r = 57.5; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.5 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) 10.2 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 103.4 V/m; Power Drift = -0.351 dB
Peak SAR (extrapolated) = 13.8 W/kg
SAR(1 g) = 9.26 mW/g; SAR(10 g) = 6.54 mW/g
Maximum value of SAR (measured) = 9.63 mW/g



Audio Accessory SAR Plot #4 (A4)

Date Tested: 01/21/2011

Body-worn SAR - KRA-27M "Antenna C" - KNB-57L 2000mAh Li-ion "Battery a" – 440.0 MHz

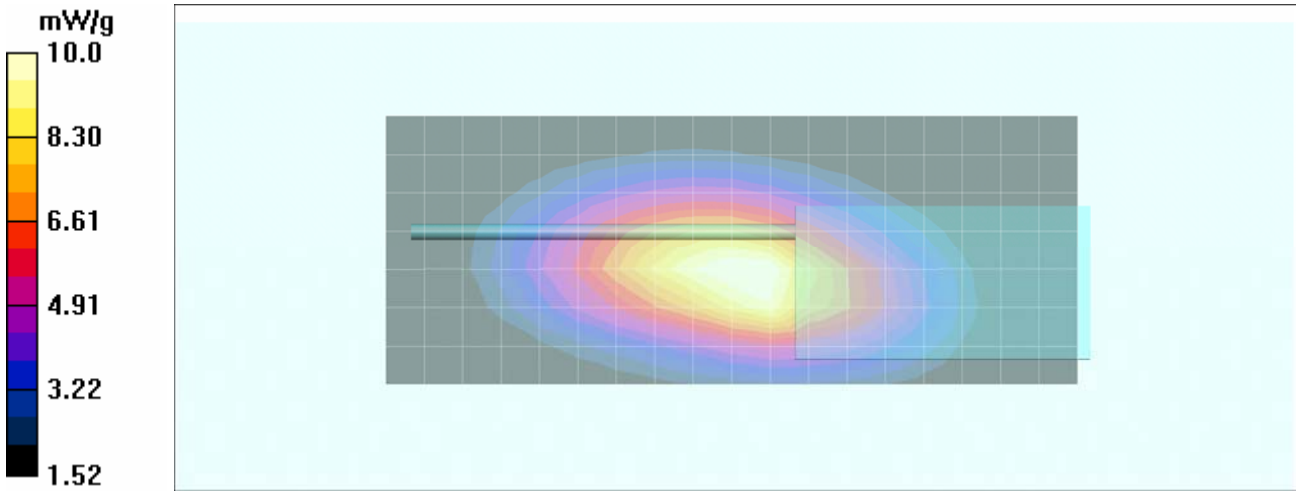
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Audio Accessory Category 2 (Earpiece); Type: D-Ring Ear Hanger w/ PTT & Mic (P/N: KHS-27)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 440 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 440 MHz; σ = 0.92 mho/m; ε_r = 57.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.6 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) 10.1 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 105.6 V/m; Power Drift = -0.256 dB
Peak SAR (extrapolated) = 14.0 W/kg
SAR(1 g) = 9.55 mW/g; SAR(10 g) = 6.85 mW/g
Maximum value of SAR (measured) = 10.0 mW/g



Audio Accessory SAR Plot #5 (A5)

Date Tested: 01/21/2011

Body-worn SAR - KRA-27M "Antenna C" - KNB-57L 2000mAh Li-ion "Battery a" – 440.0 MHz

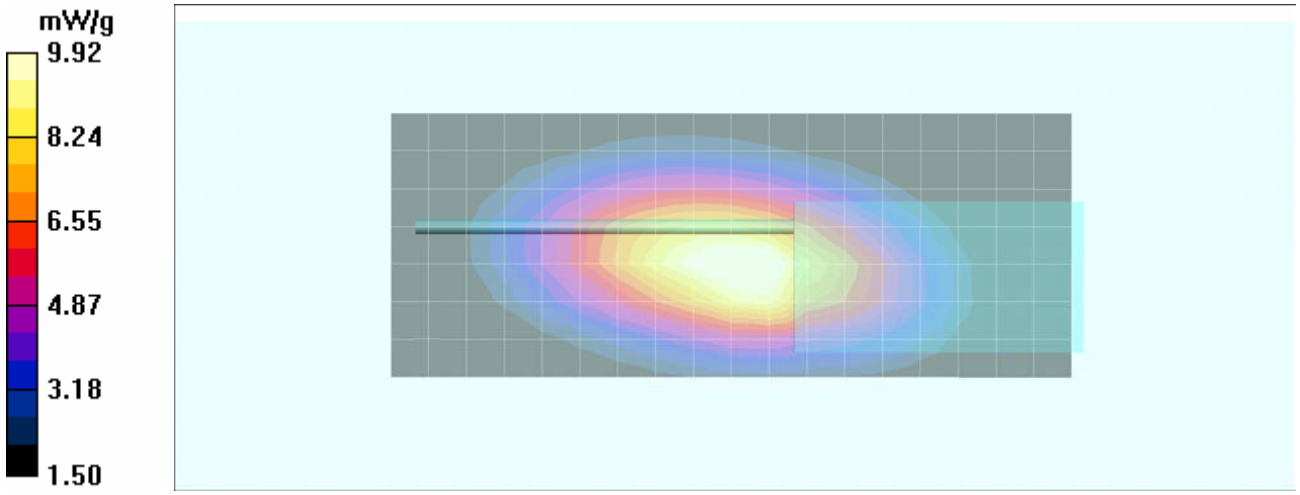
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Audio Accessory Category 3 (Palm-Mic Kit); Type: 3-Wire Lapel Microphone w/ Earpiece (P/N: KHS-9BL)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 440 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 440 MHz; σ = 0.92 mho/m; ε_r = 57.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.6 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) 10.4 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 105.9 V/m; Power Drift = -0.294 dB
Peak SAR (extrapolated) = 13.9 W/kg
SAR(1 g) = 9.47 mW/g; SAR(10 g) = 6.85 mW/g
Maximum value of SAR (measured) = 9.92 mW/g



Audio Accessory SAR Plot #6 (A6)

Date Tested: 01/21/2011

Body-worn SAR - KRA-27M "Antenna C" - KNB-57L 2000mAh Li-ion "Battery a" – 440.0 MHz

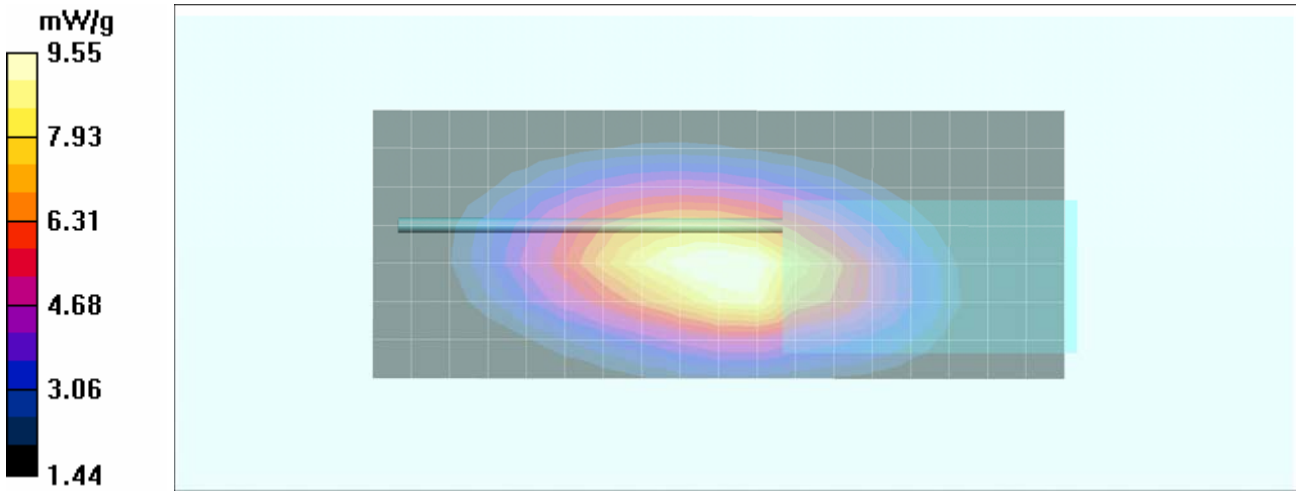
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Audio Accessory Category 4 (Speaker-Mic); Type: Speaker-Microphone with Integral GPS Unit (P/N: KMC-48GPS)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 440 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 440 MHz; σ = 0.92 mho/m; ε_r = 57.6; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.6 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) 9.79 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 103.8 V/m; Power Drift = -0.347 dB
Peak SAR (extrapolated) = 13.3 W/kg
SAR(1 g) = 9.14 mW/g; SAR(10 g) = 6.58 mW/g
Maximum value of SAR (measured) = 9.55 mW/g



Audio Accessory SAR Plot #7 (A7)

Date Tested: 01/21/2011

Body-worn SAR - KRA-27M3 "Antenna D" - KNB-55L 1480mAh Li-ion "Battery b" – 406.1 MHz

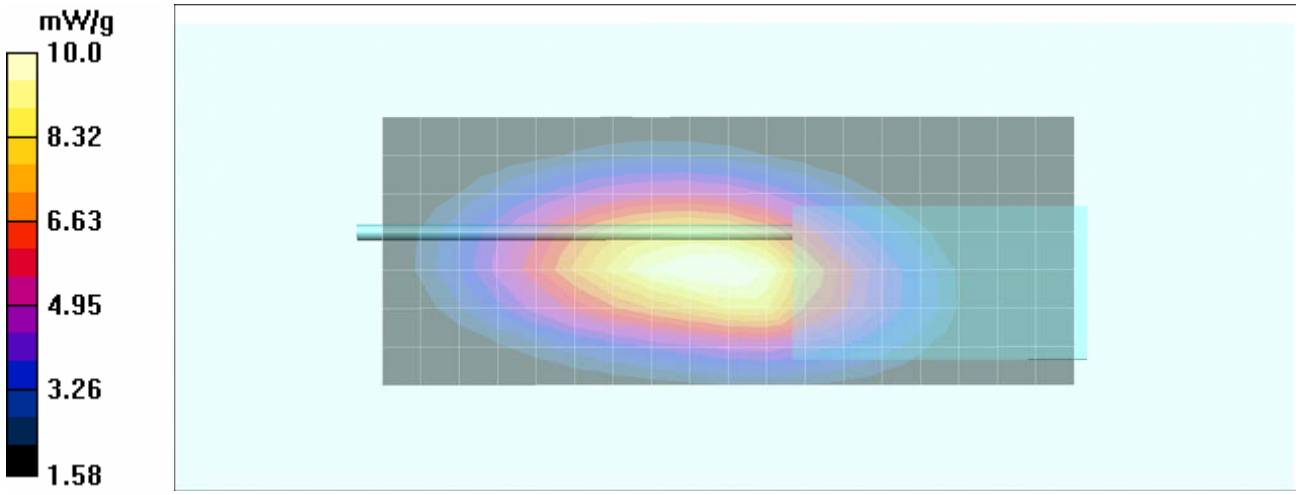
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Audio Accessory Category 2 (Earpiece); Type: D-Ring Ear Hanger w/ PTT & Mic (P/N: KHS-27)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 406.1 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 406.1 MHz; σ = 0.906 mho/m; ε_r = 58.1; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.5 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) 10.2 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 104.3 V/m; Power Drift = -0.066 dB
Peak SAR (extrapolated) = 13.7 W/kg
SAR(1 g) = 9.64 mW/g; SAR(10 g) = 7.02 mW/g
Maximum value of SAR (measured) = 10.0 mW/g



Audio Accessory SAR Plot #8 (A8)

Date Tested: 01/21/2011

Body-worn SAR - KRA-27M3 "Antenna D" - KNB-55L 1480mAh Li-ion "Battery b" – 406.1 MHz

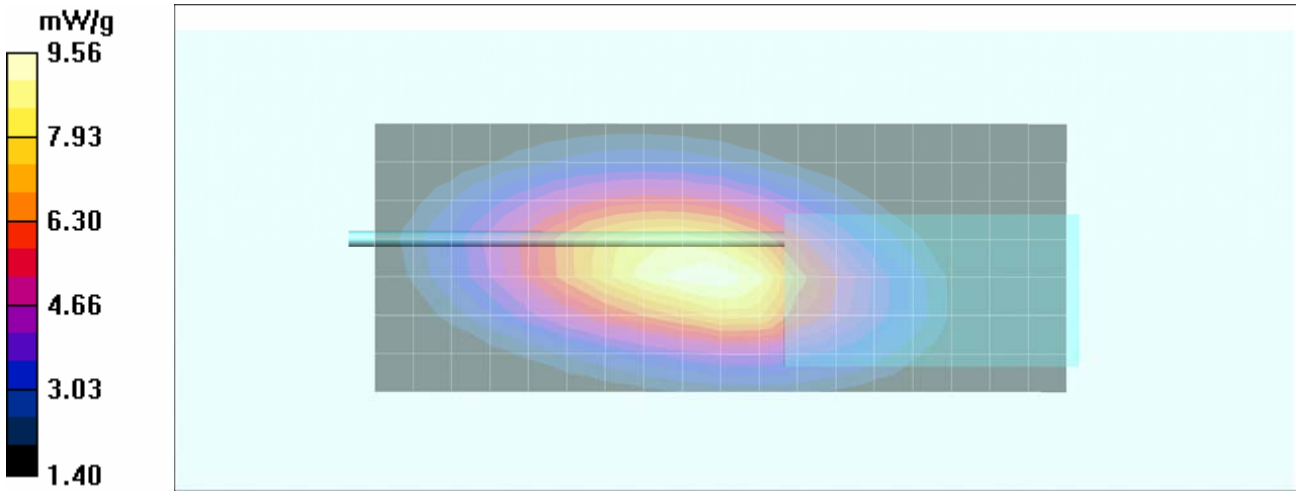
DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Audio Accessory Category 3 (Palm-Mic Kit); Type: 3-Wire Lapel Microphone w/ Earpiece (P/N: KHS-9BL)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 406.1 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 406.1 MHz; σ = 0.906 mho/m; ε_r = 58.1; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.5 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) 9.48 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 102.1 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 12.9 W/kg
SAR(1 g) = 9.1 mW/g; SAR(10 g) = 6.66 mW/g
Maximum value of SAR (measured) = 9.56 mW/g



Audio Accessory SAR Plot #9 (A9)

Date Tested: 01/21/2011

Body-worn SAR - KRA-27M3 "Antenna D" – KNB-55L 1480mAh Li-ion "Battery b" – 406.1 MHz

DUT: Kenwood NX-320-K6; Type: Portable FM UHF-L PTT Radio Transceiver; Serial: No. 11
Audio Accessory Category 4 (Speaker-Mic); Type: Speaker-Microphone with Integral GPS Unit (P/N: KMC-48GPS)
Body-worn Accessory: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.4°C; Fluid Temp: 22.6°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 406.1 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 406.1 MHz; σ = 0.906 mho/m; ε_r = 58.1; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1590; ConvF(7.73, 7.73, 7.73); Calibrated: 15/07/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR – 1.5 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) 9.43 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 101.3 V/m; Power Drift = -0.092 dB
Peak SAR (extrapolated) = 12.7 W/kg
SAR(1 g) = 8.95 mW/g; SAR(10 g) = 6.53 mW/g
Maximum value of SAR (measured) = 9.42 mW/g