Audio Accessory SAR Plot #2 (A2)

Date Tested: 01/27/2011

Body-worn SAR - KRA-23M "Antenna A" - KNB-57L 1400mAh Li-ion "Battery a" – 450.0 MHz

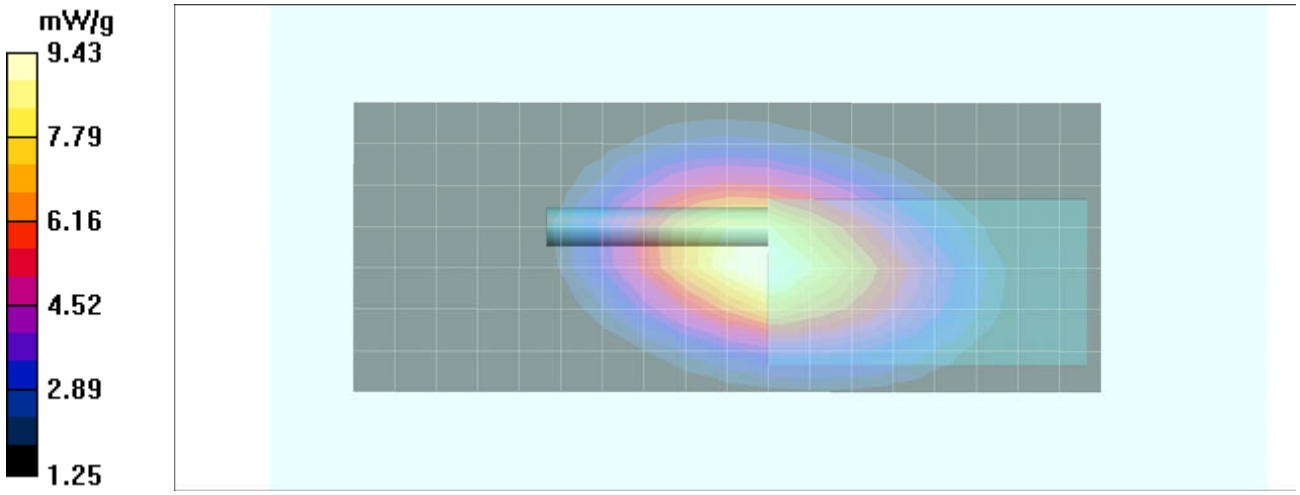
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 2 (Earpiece); Type: D-Ring Ear Hanger w/ PTT & Mic (P/N: KHS-27)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 450 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 450 MHz; σ = 0.91 mho/m; ε_r = 58.2; 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 9.97 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 99.0 V/m; Power Drift = 0.027 dB
Peak SAR (extrapolated) = 13.1 W/kg
SAR(1 g) = 8.96 mW/g; SAR(10 g) = 6.34 mW/g
Maximum value of SAR (measured) = 9.43 mW/g



Audio Accessory SAR Plot #3 (A3)

Date Tested: 01/27/2011

Body-worn SAR - KRA-23M "Antenna A" - KNB-57L 1400mAh Li-ion "Battery a" – 476.7 MHz

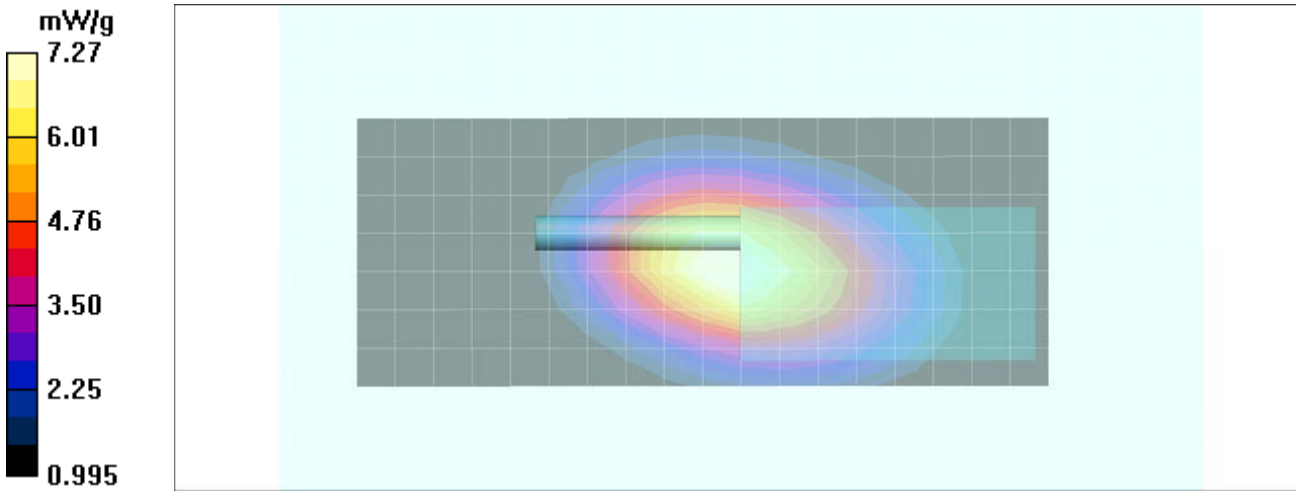
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 2 (Earpiece); Type: D-Ring Ear Hanger w/ PTT & Mic (P/N: KHS-27)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 476.7 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 476.7 MHz; σ = 0.93 mho/m; ε_r = 57.2; 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 7.76 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 89.7 V/m; Power Drift = -0.619 dB
Peak SAR (extrapolated) = 10.2 W/kg
SAR(1 g) = 6.99 mW/g; SAR(10 g) = 4.99 mW/g
Maximum value of SAR (measured) = 7.27 mW/g



Audio Accessory SAR Plot #4 (A4)

Date Tested: 01/27/2011

Body-worn SAR - KRA-23M "Antenna A" - KNB-57L 1400mAh Li-ion "Battery a" – 463.3 MHz

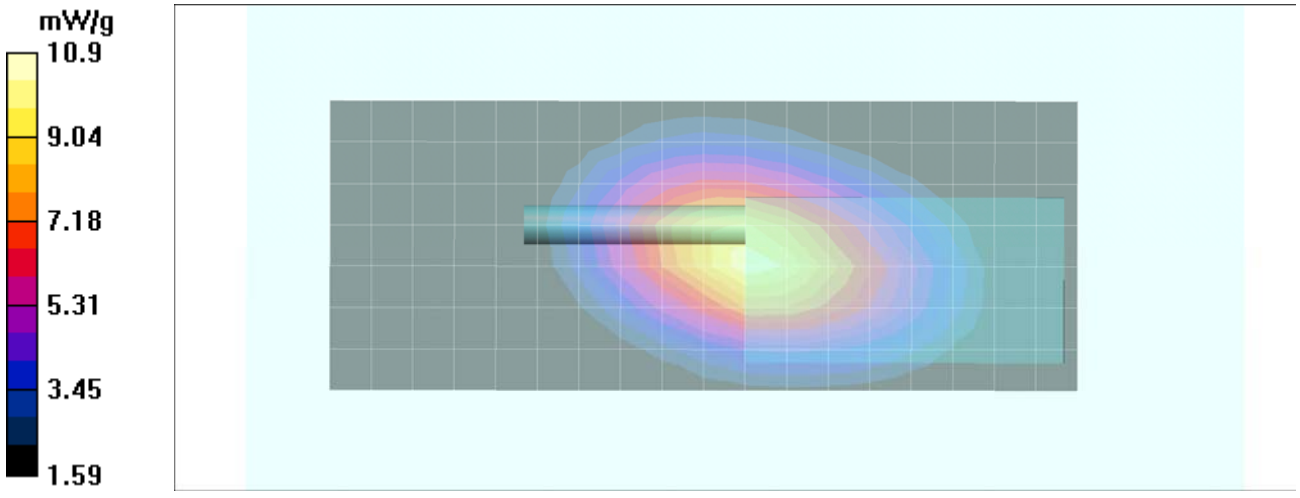
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 3 (Palm-Microphone Kit); Type: 3-Wire Lapel Microphone w/ Earpiece (P/N: KHS-9BL)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 463.3 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 463.3 MHz; σ = 0.923 mho/m; ε_r = 58; 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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 = 111.9 V/m; Power Drift = -0.503 dB
Peak SAR (extrapolated) = 15.3 W/kg
SAR(1 g) = 10.4 mW/g; SAR(10 g) =7.43 mW/g
Maximum value of SAR (measured) = 10.9 mW/g



Audio Accessory SAR Plot #5 (A5)

Date Tested: 01/27/2011

Body-worn SAR - KRA-23M "Antenna A" - KNB-57L 1400mAh Li-ion "Battery a" – 463.3 MHz

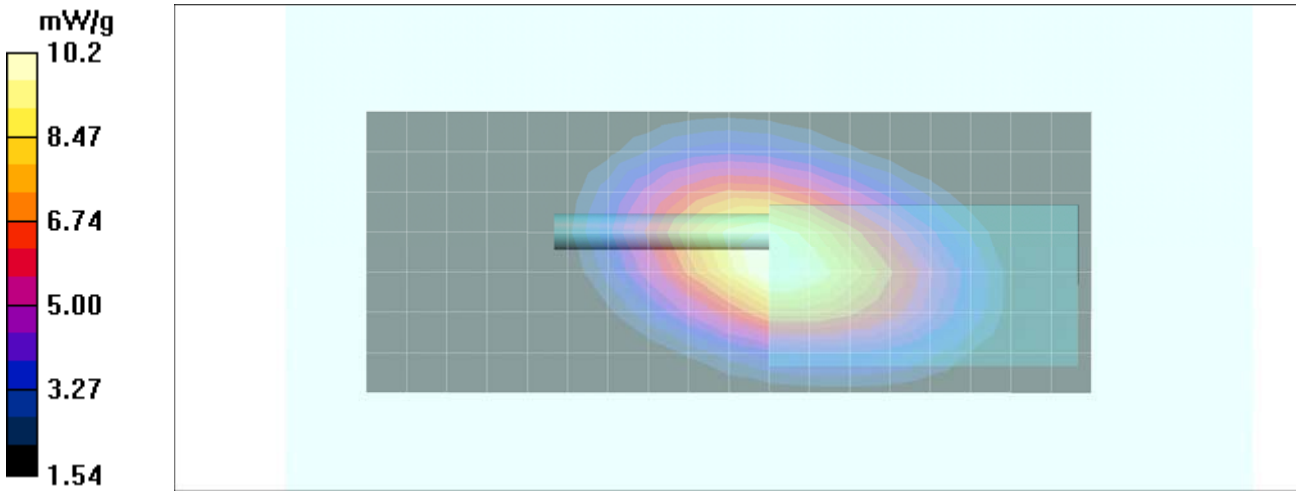
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 4 (Speaker-Mic); Type: Speaker-Microphone w/ Integral GPS (P/N: KMC-48GPS)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 463.3 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 463.3 MHz; σ = 0.923 mho/m; ε_r = 58; 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 10.5 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 108.5 V/m; Power Drift = -0.526 dB
Peak SAR (extrapolated) = 14.2 W/kg
SAR(1 g) = 9.75 mW/g; SAR(10 g) =6.97 mW/g
Maximum value of SAR (measured) = 10.2 mW/g



Audio Accessory SAR Plot #6 (A6)

Date Tested: 04/04/2011

Body-worn SAR - KRA-23M "Antenna A" - KNB-57L "Battery a" – 463.3 MHz

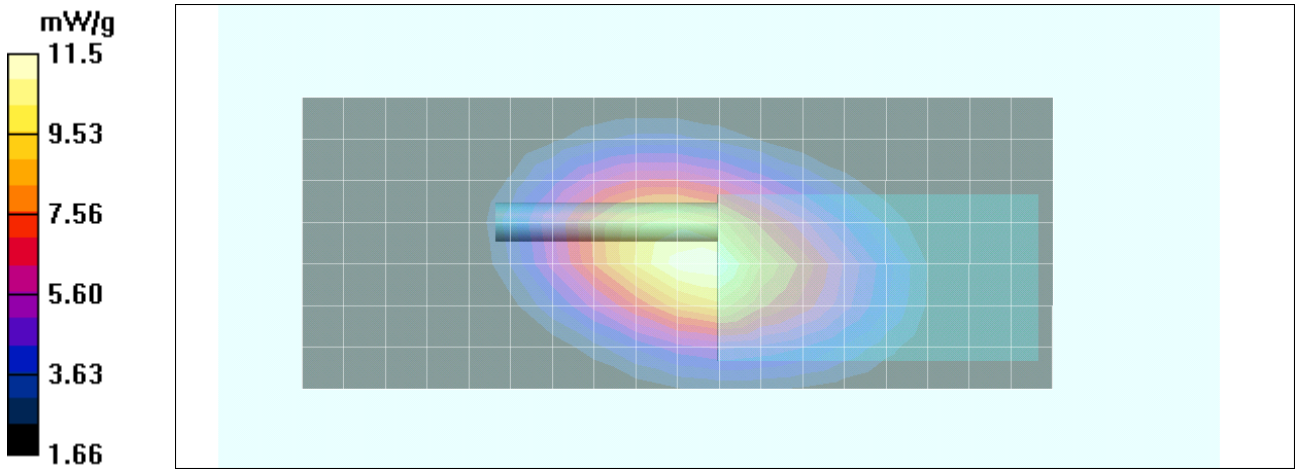
DUT: Kenwood NX-320-K; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 0320K124
Audio Accessory Category 2: Earpiece (P/N: KHS-27)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Program Notes: Ambient Temp: 21.0°C; Fluid Temp: 20.5°C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW
Frequency: 463.3 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 463.3 MHz; σ = 0.917 mho/m; ε_r = 58; 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: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- 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) = 11.5 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 114.5 V/m; Power Drift = -0.381 dB
Peak SAR (extrapolated) = 16.1 W/kg
SAR(1 g) = 11 mW/g; SAR(10 g) = 7.77 mW/g



Audio Accessory SAR Plot #7 (A7)

Date Tested: 04/04/2011

Body-worn SAR - KRA-23M "Antenna A" - KNB-57L "Battery a" – 463.3 MHz

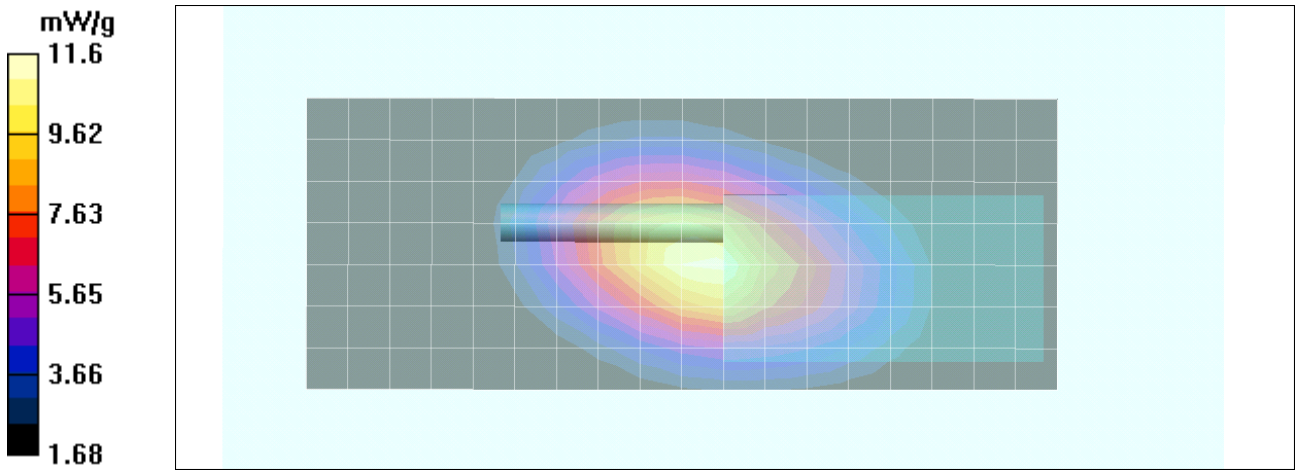
DUT: Kenwood NX-320-K; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 0320K124
Audio Accessory Category 3: Palm-Mic (P/N: KHS-9BL)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 21.0°C; Fluid Temp: 20.5°C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW
Frequency: 463.3 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 463.3 MHz; σ = 0.917 mho/m; ε_r = 58; 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: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- 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) = 11.2 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 114.5 V/m; Power Drift = -0.412 dB
Peak SAR (extrapolated) = 16.2 W/kg
SAR(1 g) = 11 mW/g; SAR(10 g) = 7.74 mW/g
Maximum value of SAR (measured) = 11.6 mW/g



Audio Accessory SAR Plot #8 (A8)

Date Tested: 04/01/2011

Body-worn SAR - KRA-23M "Antenna A" - KNB-57L "Battery a" – 463.3 MHz

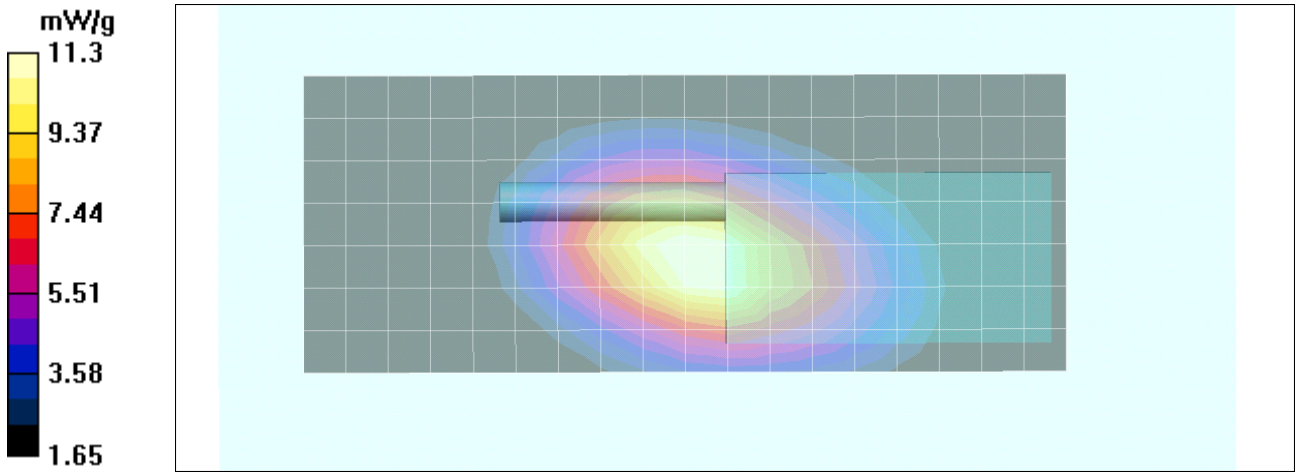
DUT: Kenwood NX-320-K2; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 0320K218
Audio Accessory Category 2: Earpiece (P/N: KHS-27)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 21.0°C; Fluid Temp: 20.5°C; Barometric Pressure: 101.1 kPa; Humidity: 32%

Communication System: CW
Frequency: 463.3 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 463.3 MHz; σ = 0.94 mho/m; ε_r = 58.9; 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: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- 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) = 11.3 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 111.4 V/m; Power Drift = -0.353 dB
Peak SAR (extrapolated) = 15.7 W/kg
SAR(1 g) = 10.7 mW/g; SAR(10 g) = 7.62 mW/g



Audio Accessory SAR Plot #9 (A9)

Date Tested: 04/05/2011

Body-worn SAR - KRA-23M "Antenna A" - KNB-57L "Battery a" – 463.3 MHz

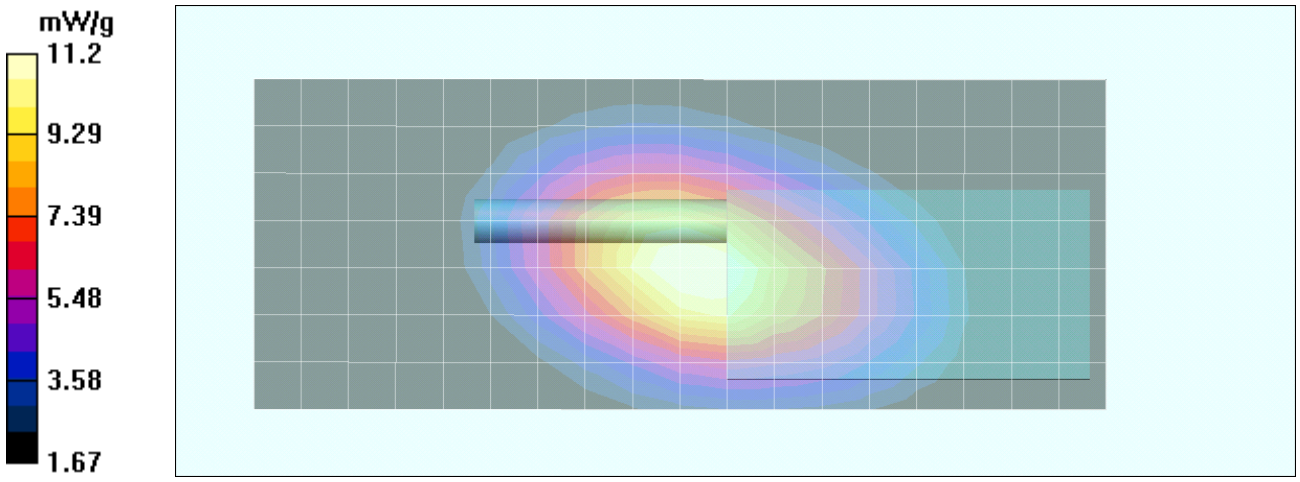
DUT: Kenwood NX-320-K2; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 0320K218
Audio Accessory Category 3: Palm-Mic (P/N: KHS-9BL)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 22.0°C; Fluid Temp: 20.5°C; Barometric Pressure: 101.1 kPa; Humidity: 28%

Communication System: CW
Frequency: 463.3 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 463.3 MHz; σ = 0.92 mho/m; ε_r = 58.4; 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: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- 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
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 11.6 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 111.0 V/m; Power Drift = -0.300 dB
Peak SAR (extrapolated) = 15.6 W/kg
SAR(1 g) = 10.6 mW/g; SAR(10 g) = 7.55 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 11.2 mW/g



Audio Accessory SAR Plot #10 (A10)

Date Tested: 01/27/2011

Body-worn SAR - KRA-23M2 "Antenna B" - KNB-55L 1480mAh Li-ion "Battery b" – 512.0 MHz

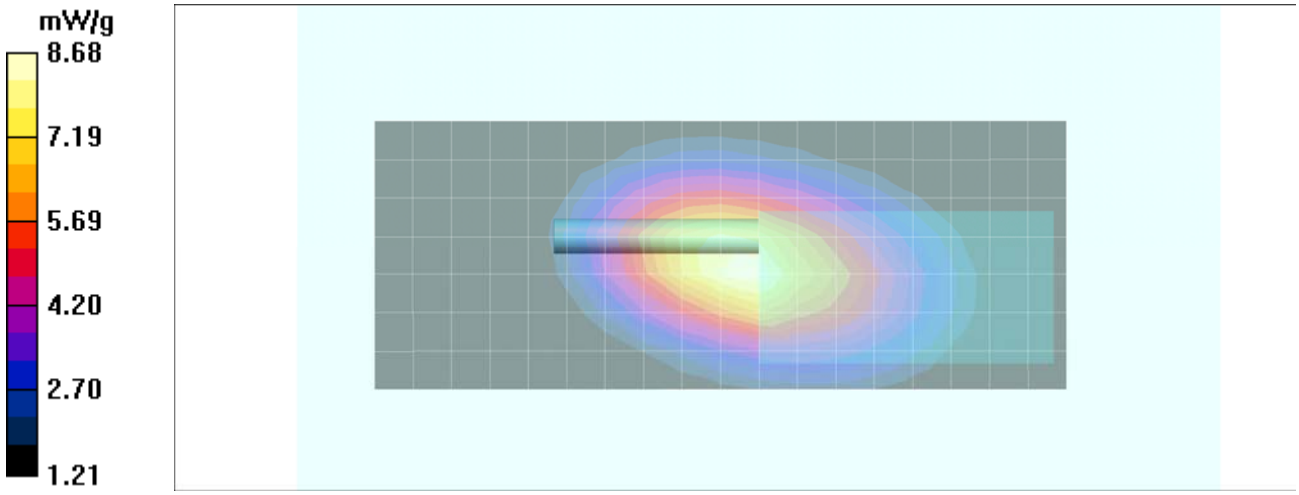
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 2 (Earpiece); Type: D-Ring Ear Hanger w/ PTT & Mic (P/N: KHS-27)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 512 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 512 MHz; σ = 0.968 mho/m; ε_r = 57.1; 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 8.66 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 92.9 V/m; Power Drift = -0.200 dB
Peak SAR (extrapolated) = 12.1 W/kg
SAR(1 g) = 8.21 mW/g; SAR(10 g) = 5.8 mW/g
Maximum value of SAR (measured) = 8.68 mW/g



Audio Accessory SAR Plot #11 (A11)

Date Tested: 01/27/2011

Body-worn SAR - KRA-23M2 "Antenna B" - KNB-55L 1480mAh Li-ion "Battery b" – 512.0 MHz

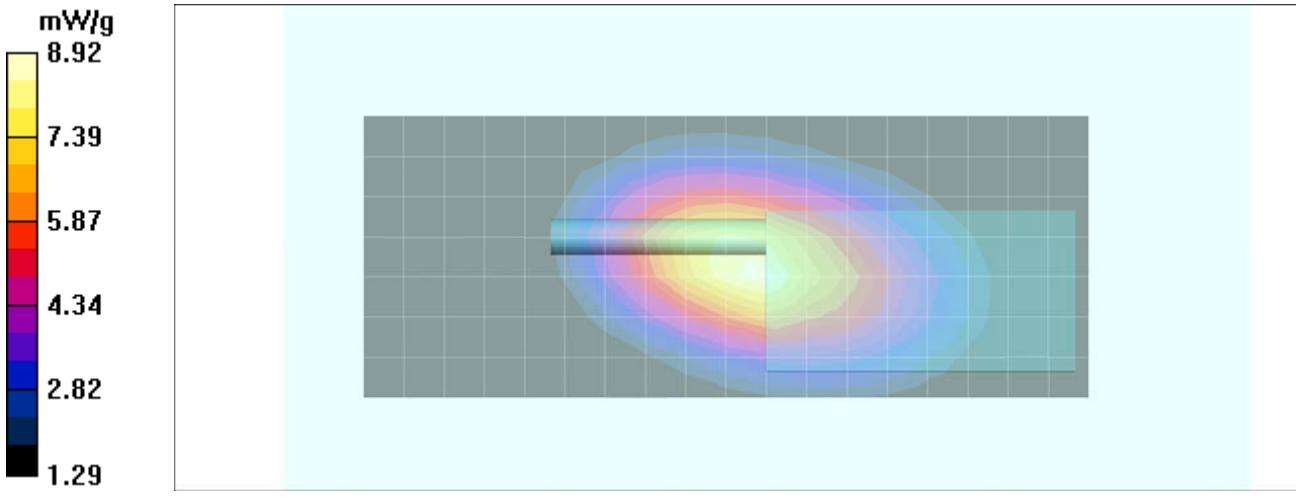
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 3 (Palm-Microphone Kit); Type: 3-Wire Lapel Microphone w/ Earpiece (P/N: KHS-9BL)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 512 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 512 MHz; σ = 0.968 mho/m; ε_r = 57.1; 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 8.77 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 93.1 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 12.4 W/kg
SAR(1 g) = 8.51 mW/g; SAR(10 g) = 6.05 mW/g
Maximum value of SAR (measured) = 8.92 mW/g



Audio Accessory SAR Plot #12 (A12)

Date Tested: 01/27/2011

Body-worn SAR - KRA-23M2 "Antenna B" - KNB-55L 1480mAh Li-ion "Battery b" – 512.0 MHz

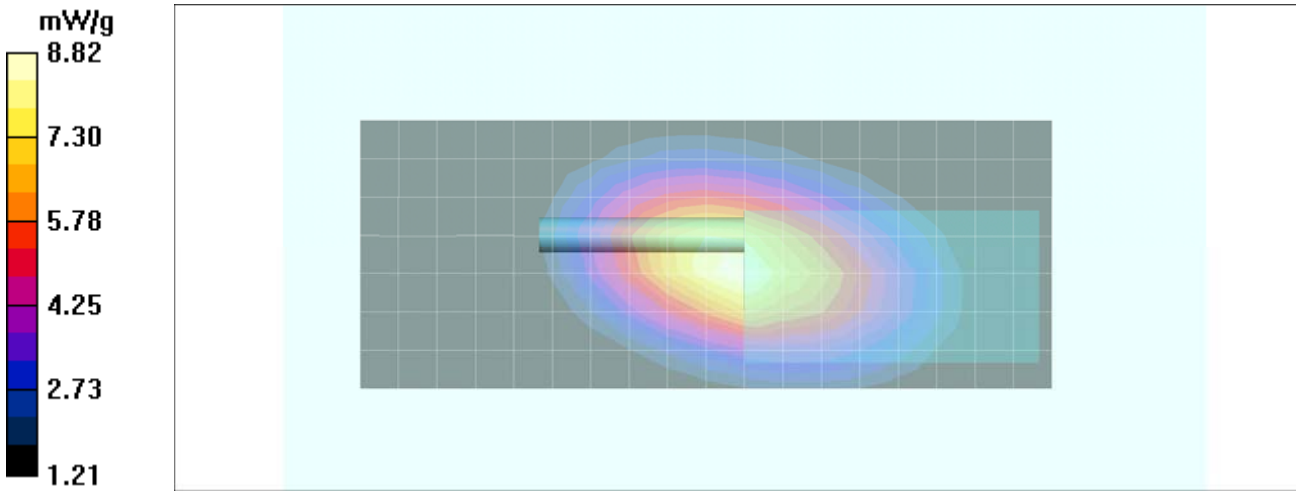
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 4 (Speaker-Mic); Type: Speaker-Microphone w/ Integral GPS (P/N: KMC-48GPS)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 512 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 512 MHz; σ = 0.968 mho/m; ε_r = 57.1; 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 8.87 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 93.4 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 12.4 W/kg
SAR(1 g) = 8.43 mW/g; SAR(10 g) = 5.95 mW/g
Maximum value of SAR (measured) = 8.82 mW/g



Audio Accessory SAR Plot #13 (A13)

Date Tested: 01/27/2011

Body-worn SAR - KRA-27M "Antenna C" - KNB-55L 1480mAh Li-ion "Battery b" – 476.7 MHz

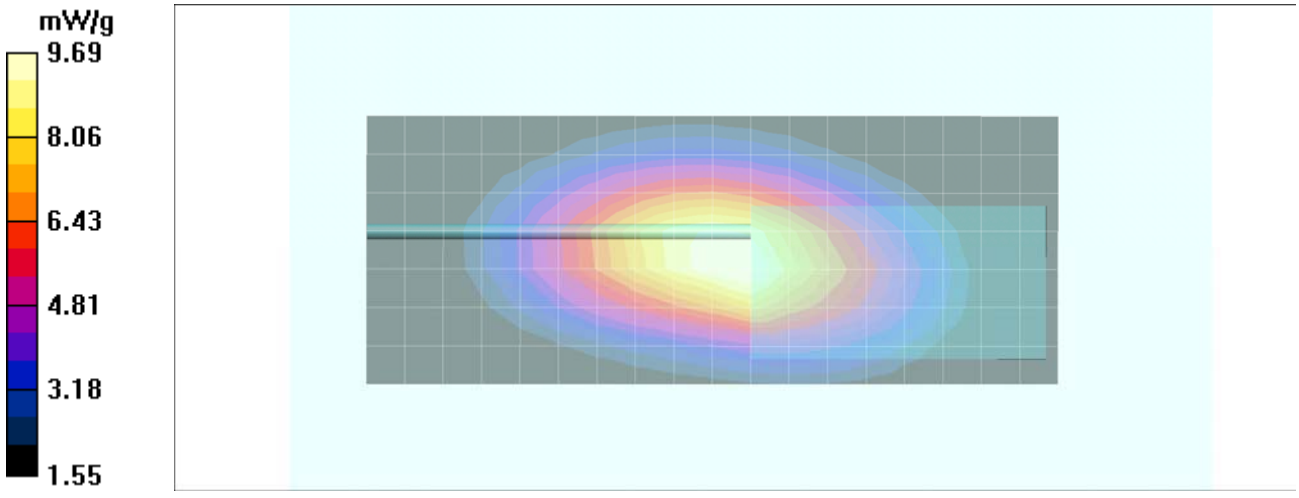
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 2 (Earpiece); Type: D-Ring Ear Hanger w/ PTT & Mic (P/N: KHS-27)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 476.7 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 476.7 MHz; σ = 0.93 mho/m; ε_r = 57.2; 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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 = 103.2 V/m; Power Drift = -0.347 dB
Peak SAR (extrapolated) = 13.5 W/kg
SAR(1 g) = 9.3 mW/g; SAR(10 g) = 6.69 mW/g
Maximum value of SAR (measured) = 9.69 mW/g



Audio Accessory SAR Plot #14 (A14)

Date Tested: 01/27/2011

Body-worn SAR - KRA-27M "Antenna C" - KNB-55L 1480mAh Li-ion "Battery b" – 476.7 MHz

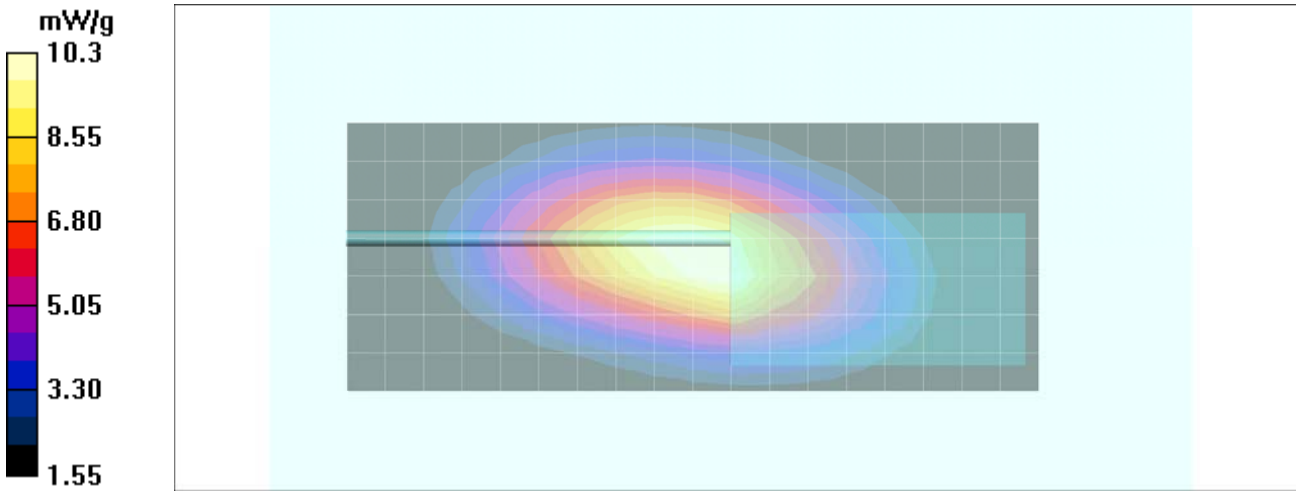
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 3 (Palm-Microphone Kit); Type: 3-Wire Lapel Microphone w/ Earpiece (P/N: KHS-9BL)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 476.7 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 476.7 MHz; σ = 0.93 mho/m; ε_r = 57.2; 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 10.4 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 102.7 V/m; Power Drift = -0.215 dB
Peak SAR (extrapolated) = 14.3 W/kg
SAR(1 g) = 9.86 mW/g; SAR(10 g) = 7.07 mW/g
Maximum value of SAR (measured) = 10.3 mW/g



Audio Accessory SAR Plot #15 (A15)

Date Tested: 01/27/2011

Body-worn SAR - KRA-27M "Antenna C" - KNB-55L 1480mAh Li-ion "Battery b" – 476.7 MHz

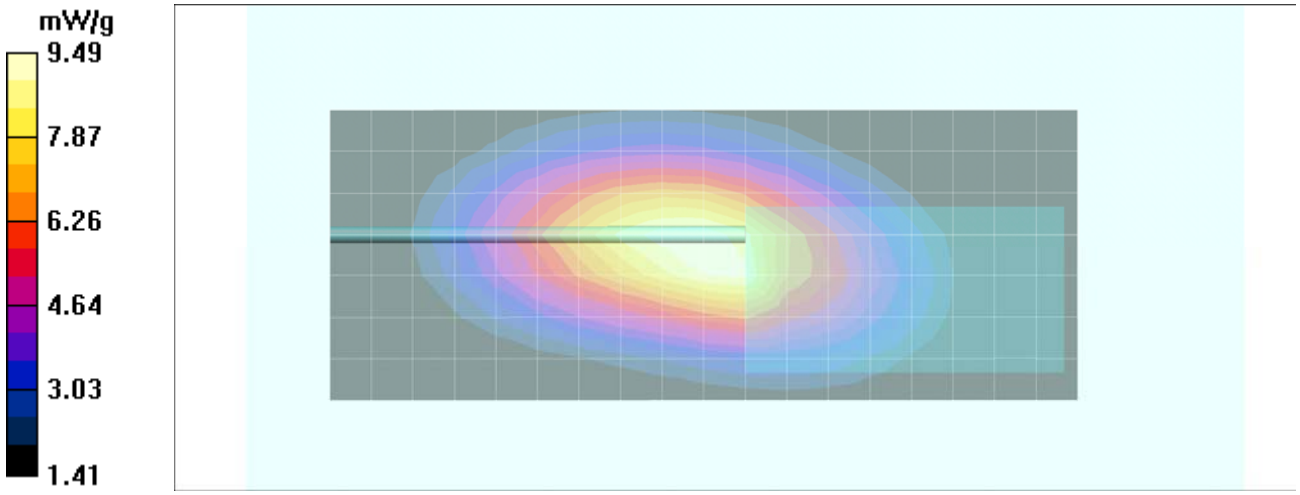
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 4 (Speaker-Mic); Type: Speaker-Microphone w/ Integral GPS (P/N: KMC-48GPS)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 476.7 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 476.7 MHz; σ = 0.93 mho/m; ε_r = 57.2; 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 9.36 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 98.1 V/m; Power Drift = -0.220 dB
Peak SAR (extrapolated) = 13.1 W/kg
SAR(1 g) = 9.04 mW/g; SAR(10 g) = 6.48 mW/g
Maximum value of SAR (measured) = 9.49 mW/g



Audio Accessory SAR Plot #16 (A16)

Date Tested: 01/27/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N 1400mAh Ni-MH "Battery c" – 512.0 MHz

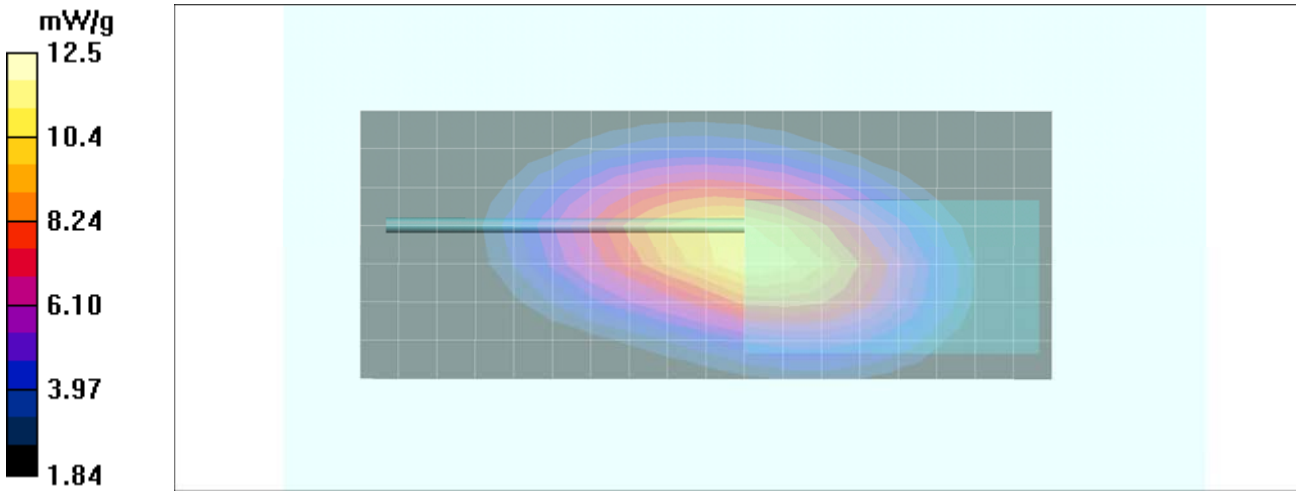
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 2 (Earpiece); Type: D-Ring Ear Hanger w/ PTT & Mic (P/N: KHS-27)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 512 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 512 MHz; σ = 0.968 mho/m; ε_r = 57.1; 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 11.1 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 109.1 V/m; Power Drift = -0.189 dB
Peak SAR (extrapolated) = 17.2 W/kg
SAR(1 g) = 11.8 mW/g; SAR(10 g) = 8.42 mW/g
Maximum value of SAR (measured) = 12.5 mW/g



Audio Accessory SAR Plot #17 (A17)

Date Tested: 01/27/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N 1400mAh Ni-MH "Battery c" – 498.0 MHz

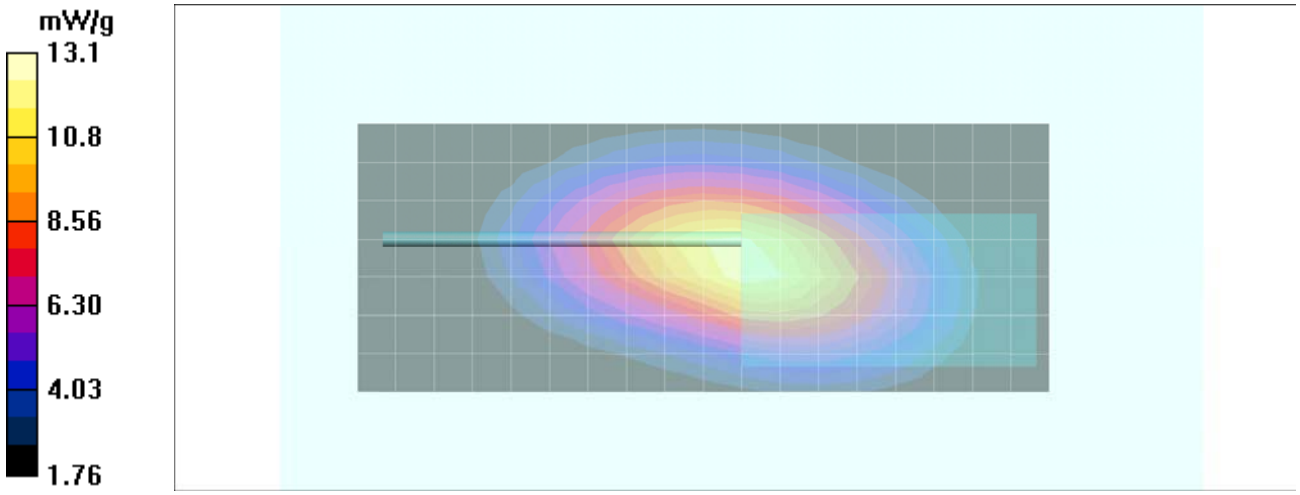
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 2 (Earpiece); Type: D-Ring Ear Hanger w/ PTT & Mic (P/N: KHS-27)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 498 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 498 MHz; σ = 0.948 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 12.1 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 118.5 V/m; Power Drift = -0.650 dB
Peak SAR (extrapolated) = 18.3 W/kg
SAR(1 g) = 12.6 mW/g; SAR(10 g) = 9.02 mW/g
Maximum value of SAR (measured) = 13.1 mW/g



Audio Accessory SAR Plot #18 (A18)

Date Tested: 01/27/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N 1400mAh Ni-MH "Battery c" – 484.0 MHz

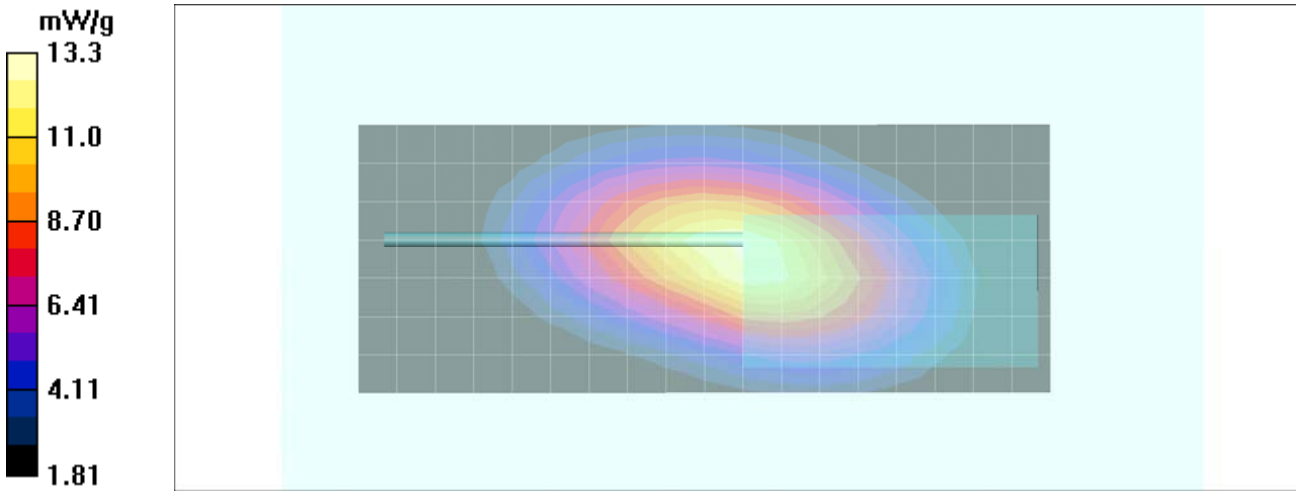
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 2 (Earpiece); Type: D-Ring Ear Hanger w/ PTT & Mic (P/N: KHS-27)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

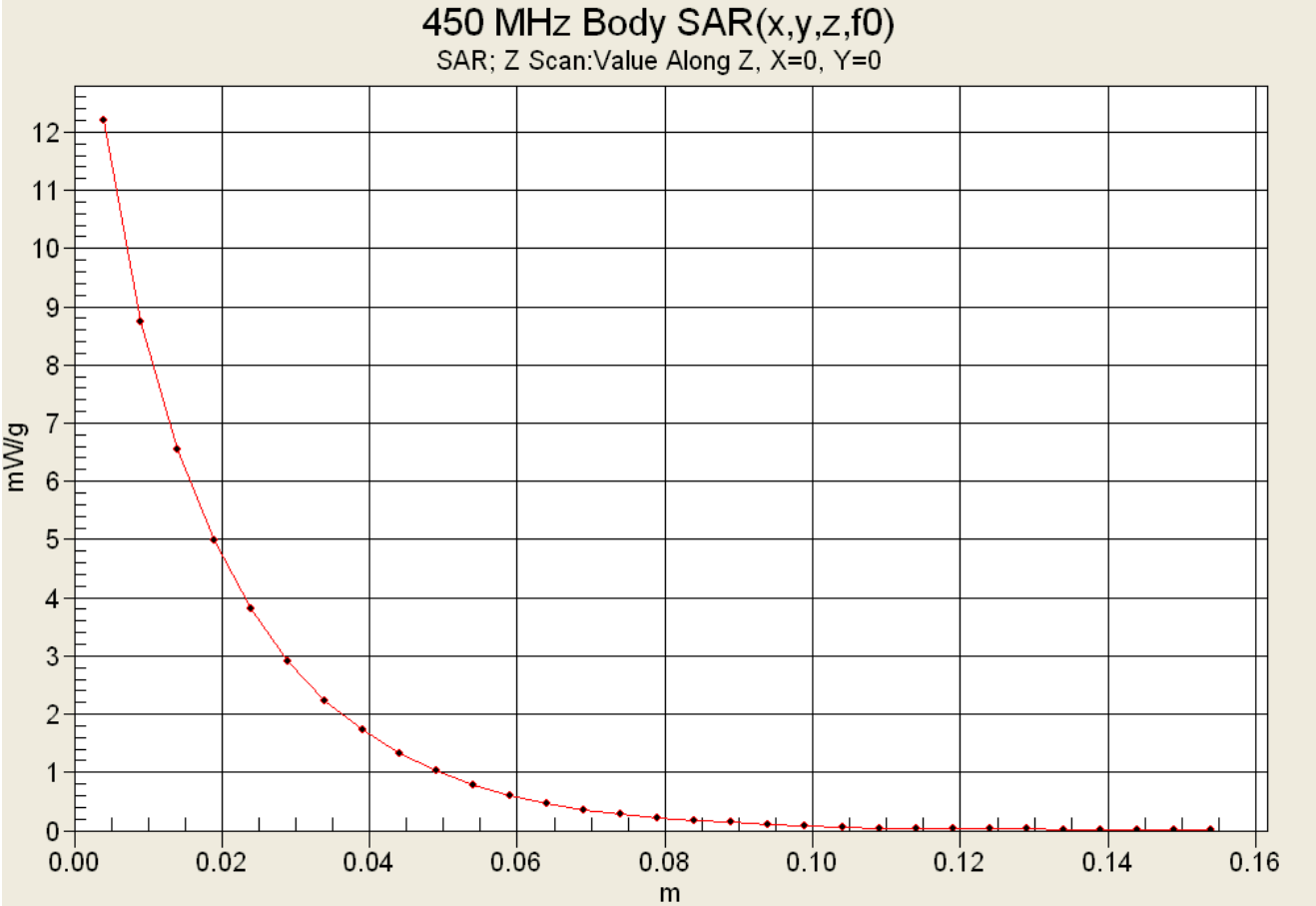
Communication System: CW
Frequency: 484 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 484 MHz; σ = 0.934 mho/m; ε_r = 57.1; ρ = 1000 kg/m^3

- 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 12.7 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 121.5 V/m; Power Drift = -0.649 dB
Peak SAR (extrapolated) = 18.2 W/kg
SAR(1 g) = 12.6 mW/g; SAR(10 g) = 9.11 mW/g
Maximum value of SAR (measured) = 13.3 mW/g



Z-Axis Scan



Audio Accessory SAR Plot #19 (A19)

Date Tested: 01/27/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N 1400mAh Ni-MH "Battery c" – 470.0 MHz

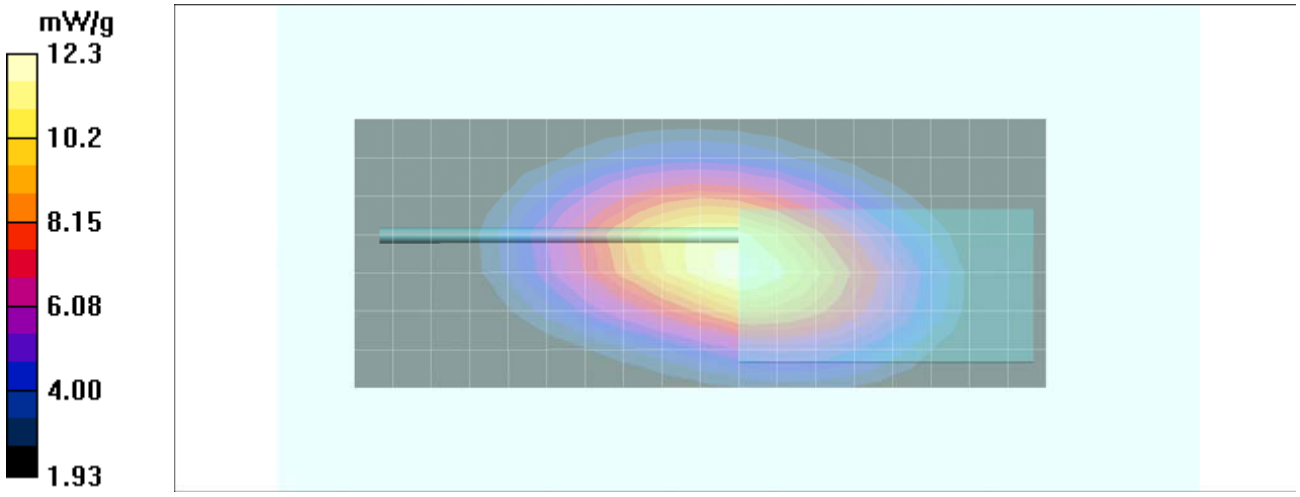
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 2 (Earpiece); Type: D-Ring Ear Hanger w/ PTT & Mic (P/N: KHS-27)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°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 = 0.93 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 12.2 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 112.1 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 11.8 mW/g; SAR(10 g) = 8.49 mW/g
Maximum value of SAR (measured) = 12.3 mW/g



Audio Accessory SAR Plot #20 (A20)

Date Tested: 01/27/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N 1400mAh Ni-MH "Battery c" – 512.0 MHz

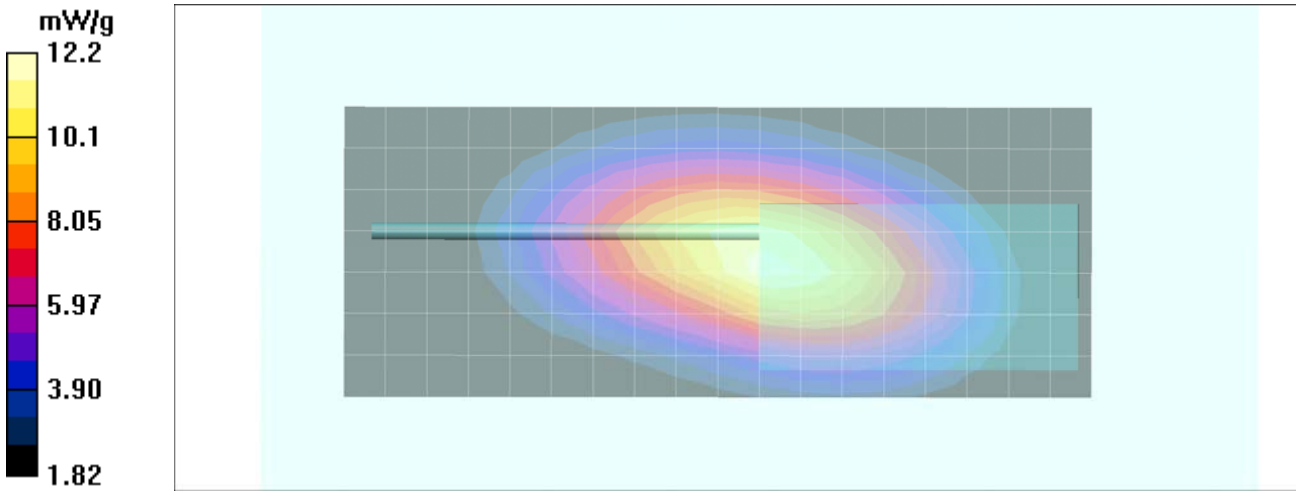
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 3 (Palm-Microphone Kit); Type: 3-Wire Lapel Microphone w/ Earpiece (P/N: KHS-9BL)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 512 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 512 MHz; σ = 0.968 mho/m; ε_r = 57.1; 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 11.8 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 112.2 V/m; Power Drift = -0.312 dB
Peak SAR (extrapolated) = 16.7 W/kg
SAR(1 g) = 11.6 mW/g; SAR(10 g) = 8.38 mW/g
Maximum value of SAR (measured) = 12.2 mW/g



Audio Accessory SAR Plot #21 (A21)

Date Tested: 01/27/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N 1400mAh Ni-MH "Battery c" – 498.0 MHz

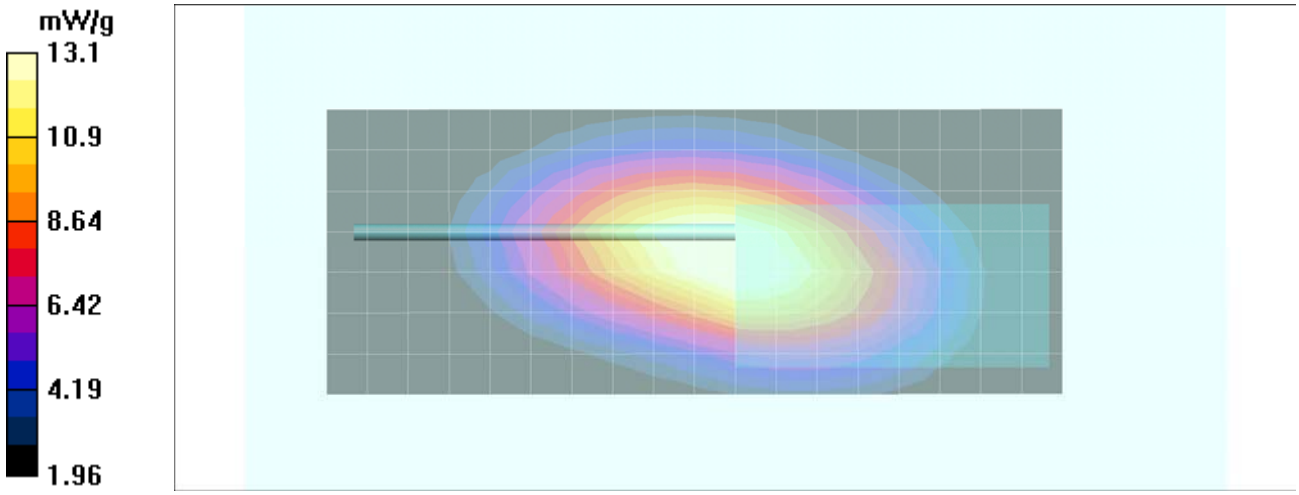
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 3 (Palm-Microphone Kit); Type: 3-Wire Lapel Microphone w/ Earpiece (P/N: KHS-9BL)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 498 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 498 MHz; σ = 0.948 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 14.0 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 112.2 V/m; Power Drift = -0.159 dB
Peak SAR (extrapolated) = 18.1 W/kg
SAR(1 g) = 12.5 mW/g; SAR(10 g) = 8.92 mW/g
Maximum value of SAR (measured) = 13.1 mW/g



Audio Accessory SAR Plot #22 (A22)

Date Tested: 01/27/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N 1400mAh Ni-MH "Battery c" – 484.0 MHz

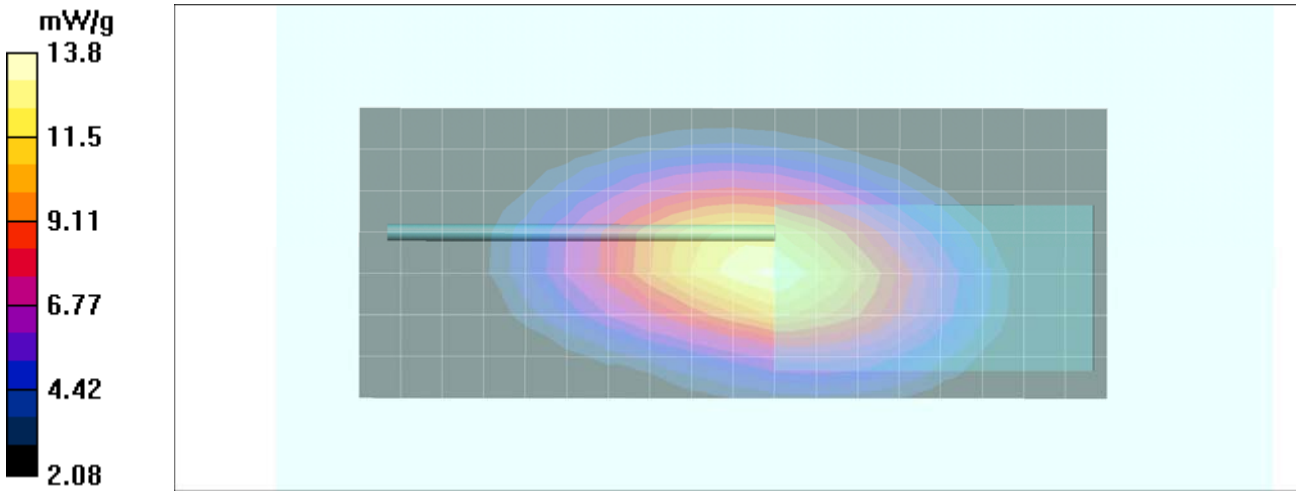
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 3 (Palm-Microphone Kit); Type: 3-Wire Lapel Microphone w/ Earpiece (P/N: KHS-9BL)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 484 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 484 MHz; σ = 0.934 mho/m; ε_r = 57.1; 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 13.3 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 121.5 V/m; Power Drift = -0.424 dB
Peak SAR (extrapolated) = 18.9 W/kg
SAR(1 g) = 13 mW/g; SAR(10 g) = 9.29 mW/g
Maximum value of SAR (measured) = 13.8 mW/g



Audio Accessory SAR Plot #23 (A23)

Date Tested: 01/27/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N 1400mAh Ni-MH "Battery c" – 470.0 MHz

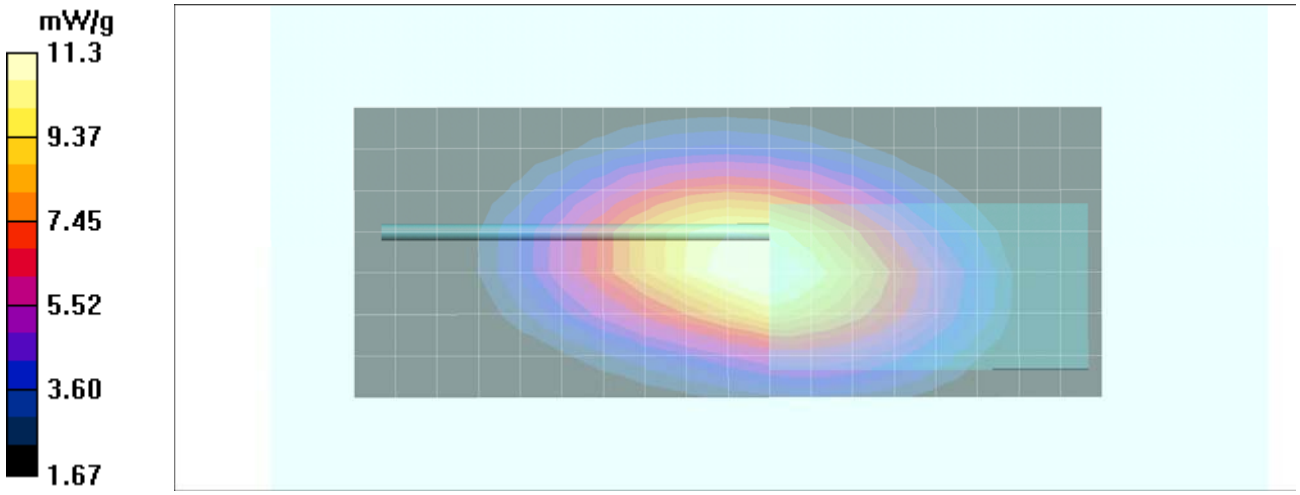
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 3 (Palm-Microphone Kit); Type: 3-Wire Lapel Microphone w/ Earpiece (P/N: KHS-9BL)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°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 = 0.93 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 11.9 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 104.4 V/m; Power Drift = 0.100 dB
Peak SAR (extrapolated) = 15.7 W/kg
SAR(1 g) = 10.9 mW/g; SAR(10 g) = 7.85 mW/g
Maximum value of SAR (measured) = 11.3 mW/g



Audio Accessory SAR Plot #24 (A24)

Date Tested: 01/27/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N 1400mAh Ni-MH "Battery c" – 512.0 MHz

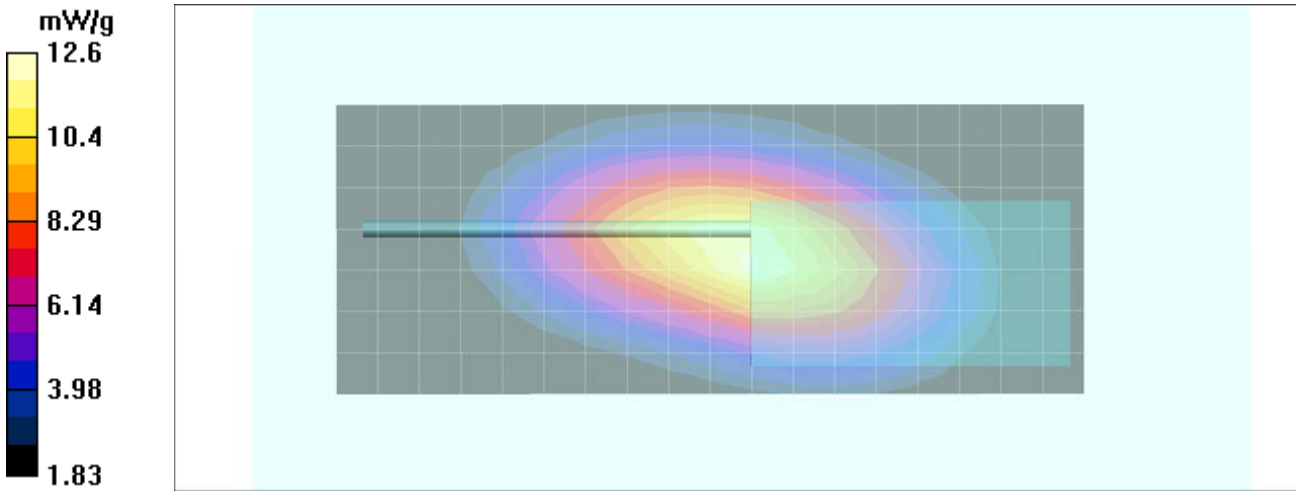
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 4 (Speaker-Mic); Type: Speaker-Microphone w/ Integral GPS (P/N: KMC-48GPS)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 512 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 512 MHz; σ = 0.968 mho/m; ε_r = 57.1; 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 12.1 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 111.8 V/m; Power Drift = -0.254 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 12.1 mW/g; SAR(10 g) = 8.62 mW/g
Maximum value of SAR (measured) = 12.6 mW/g



Audio Accessory SAR Plot #25 (A25)

Date Tested: 01/27/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N 1400mAh Ni-MH "Battery c" – 498.0 MHz

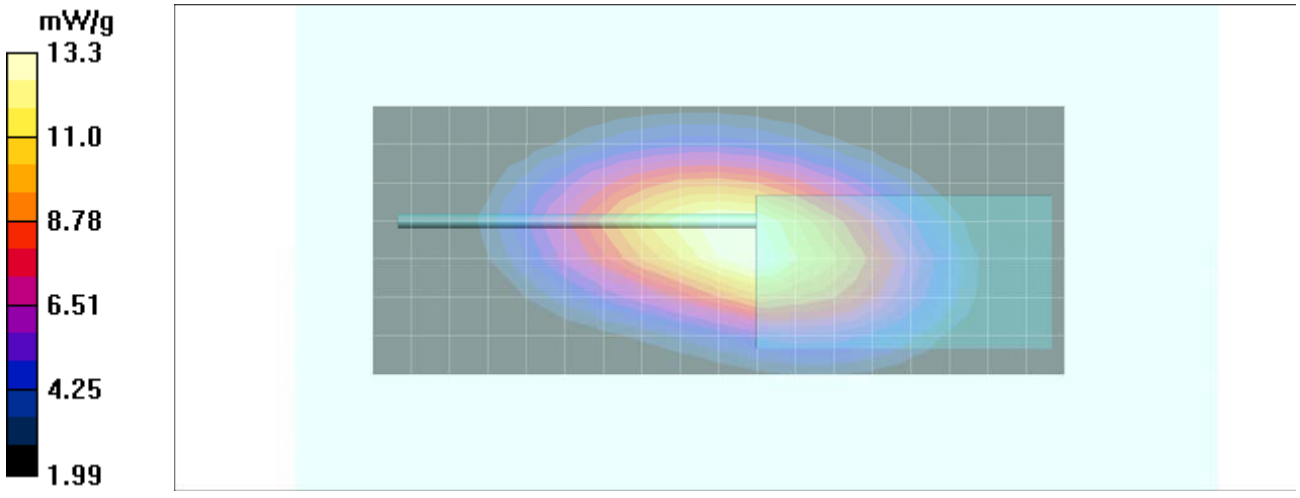
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 4 (Speaker-Mic); Type: Speaker-Microphone w/ Integral GPS (P/N: KMC-48GPS)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 498 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 498 MHz; σ = 0.948 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 13.6 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 119.7 V/m; Power Drift = -0.430 dB
Peak SAR (extrapolated) = 18.5 W/kg
SAR(1 g) = 12.7 mW/g; SAR(10 g) = 9.05 mW/g
Maximum value of SAR (measured) = 13.3 mW/g



Audio Accessory SAR Plot #26 (A26)

Date Tested: 01/27/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N 1400mAh Ni-MH "Battery c" – 484.0 MHz

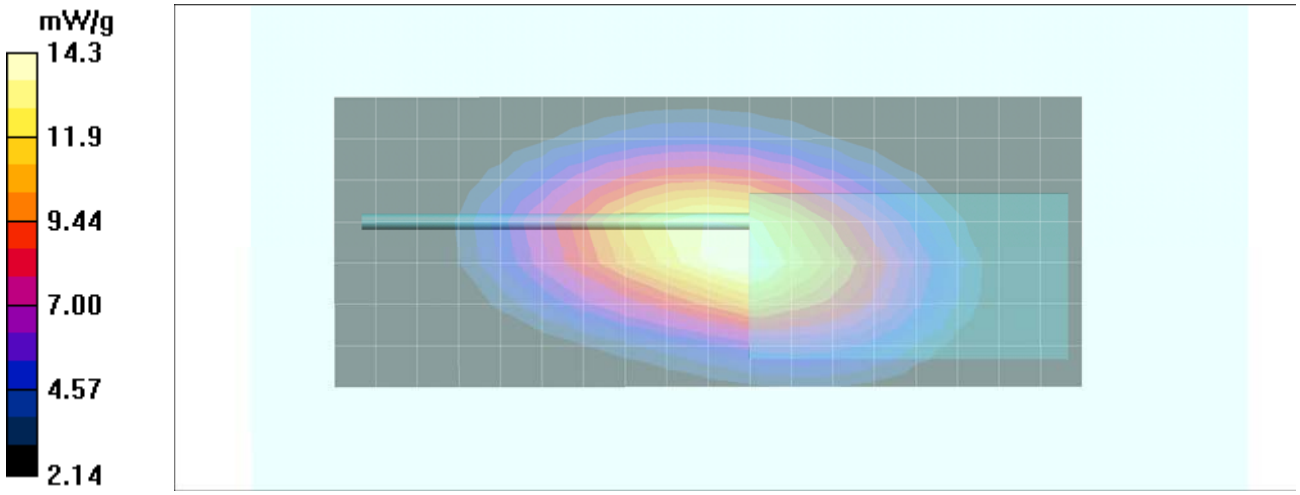
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 4 (Speaker-Mic); Type: Speaker-Microphone w/ Integral GPS (P/N: KMC-48GPS)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Frequency: 484 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 484 MHz; σ = 0.934 mho/m; ε_r = 57.1; 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 14.5 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 118.7 V/m; Power Drift = -0.333 dB
Peak SAR (extrapolated) = 19.7 W/kg
SAR(1 g) = 13.6 mW/g; SAR(10 g) = 9.72 mW/g
Maximum value of SAR (measured) = 14.3 mW/g



Audio Accessory SAR Plot #27 (A27)

Date Tested: 01/27/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N 1400mAh Ni-MH "Battery c" – 470.0 MHz

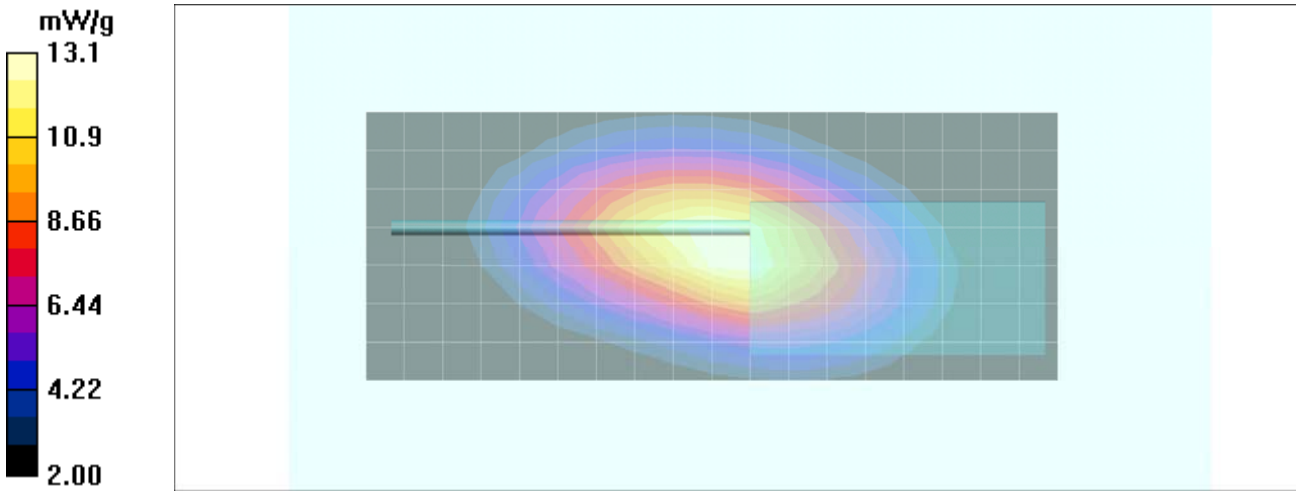
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 4 (Speaker-Mic); Type: Speaker-Microphone w/ Integral GPS (P/N: KMC-48GPS)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 23.1°C; Fluid Temp: 22.4°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 = 0.93 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 12.9 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 110.7 V/m; Power Drift = 0.040 dB
Peak SAR (extrapolated) = 18.0 W/kg
SAR(1 g) = 12.5 mW/g; SAR(10 g) = 8.95 mW/g
Maximum value of SAR (measured) = 13.1 mW/g



Audio Accessory SAR Plot #28 (A28)

Date Tested: 04/01/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N "Battery c" – 498.0 MHz

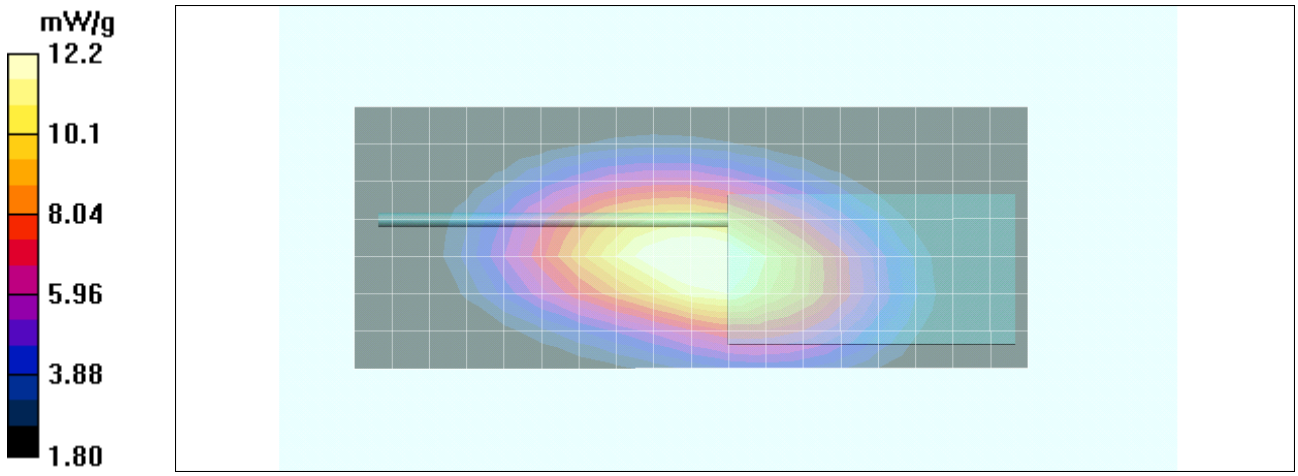
DUT: Kenwood NX-320-K; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 0320K124
Audio Accessory Category 2: Earpiece (P/N: KHS-27)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 21.0°C; Fluid Temp: 20.5°C; Barometric Pressure: 101.1 kPa; Humidity: 32%

Communication System: CW
Frequency: 498 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 498 MHz; σ = 0.952 mho/m; ε_r = 58.3; 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: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- 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) = 12.9 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 114.3 V/m; Power Drift = -0.365 dB
Peak SAR (extrapolated) = 16.8 W/kg
SAR(1 g) = 11.6 mW/g; SAR(10 g) = 8.33 mW/g
Maximum value of SAR (measured) = 12.2 mW/g



Audio Accessory SAR Plot #29 (A29)

Date Tested: 04/01/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N "Battery c" – 484.0 MHz

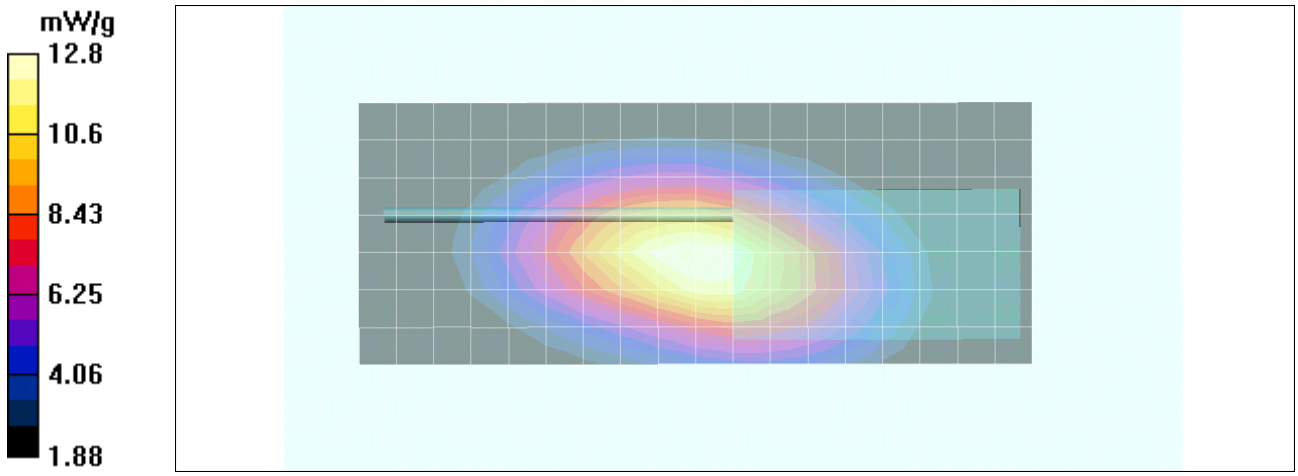
DUT: Kenwood NX-320-K; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 0320K124
Audio Accessory Category 3: Palm-Mic (P/N: KHS-9BL)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 21.0°C; Fluid Temp: 20.5°C; Barometric Pressure: 101.1 kPa; Humidity: 32%

Communication System: CW
Frequency: 484 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 484 MHz; σ = 0.954 mho/m; ε_r = 58.8; 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: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- 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) = 12.9 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 119.5 V/m; Power Drift = -0.551 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 12.1 mW/g; SAR(10 g) = 8.72 mW/g
Maximum value of SAR (measured) = 12.8 mW/g



Audio Accessory SAR Plot #30 (A30)

Date Tested: 04/01/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N "Battery c" – 484.0 MHz

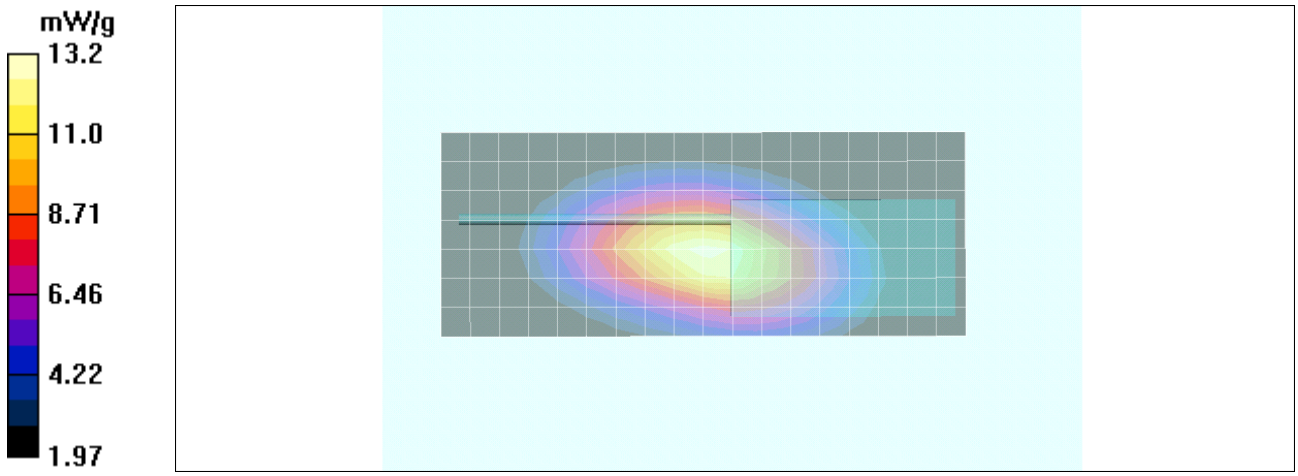
DUT: Kenwood NX-320-K; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 0320K124
Audio Accessory Category 4: Speaker-Mic (P/N: KMC-48GPS)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 21.0°C; Fluid Temp: 20.5°C; Barometric Pressure: 101.1 kPa; Humidity: 32%

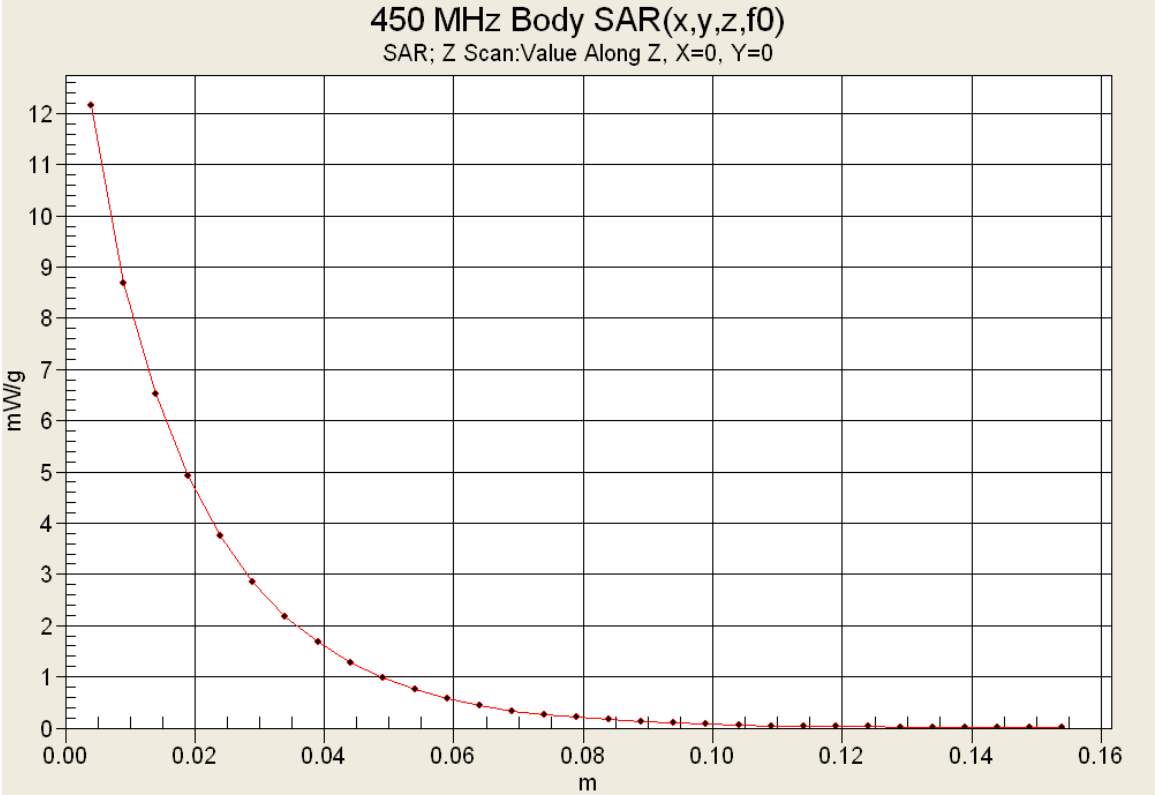
Communication System: CW
Frequency: 484 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 484 MHz; σ = 0.954 mho/m; ε_r = 58.8; ρ = 1000 kg/m^3

- 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: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

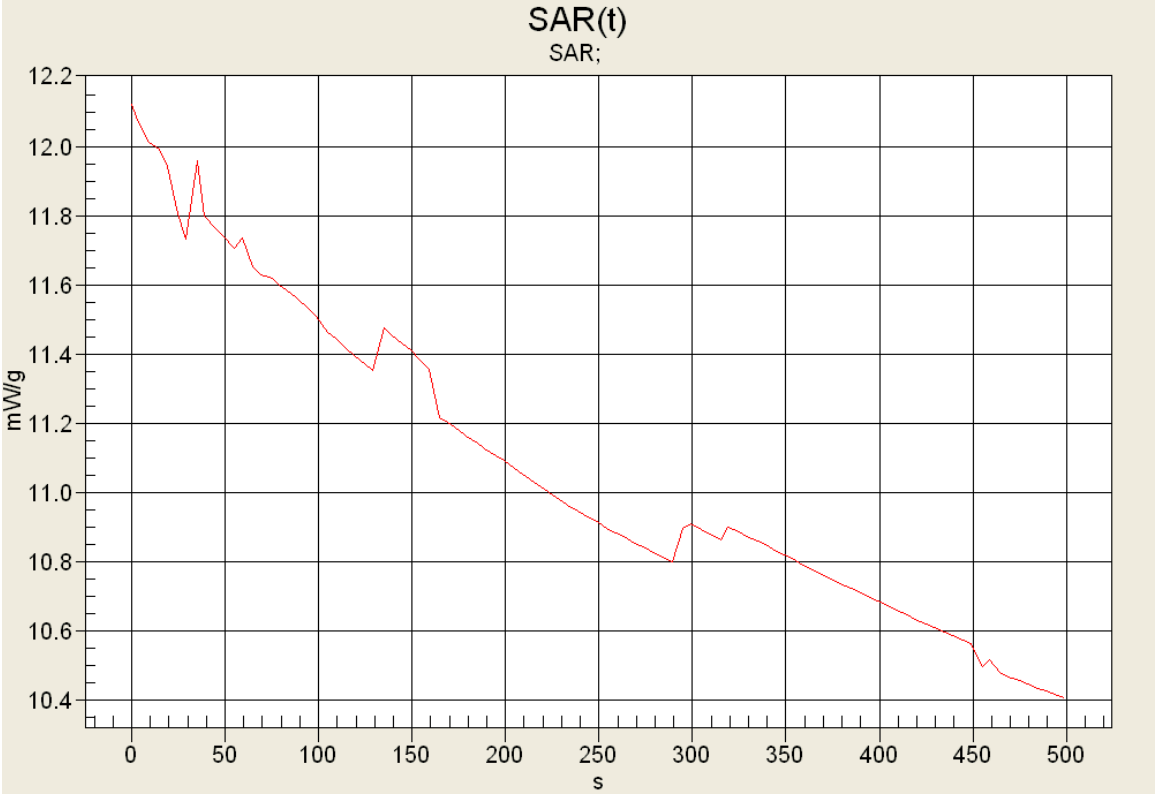
Body-worn SAR – 1.7 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 12.8 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 120.7 V/m; Power Drift = -0.499 dB
Peak SAR (extrapolated) = 18.2 W/kg
SAR(1 g) = 12.6 mW/g; SAR(10 g) = 8.98 mW/g
Maximum value of SAR (measured) = 13.2 mW/g



Z-Axis Scan



SAR Droop Evaluation (SAR-versus-Time)



SAR 0s – 12.122 mW/g
SAR 340s – 10.849 mW/g (-0.482 dB)
SAR 500s – 10.408 mW/g (-0.662 dB)

Audio Accessory SAR Plot #31 (A31)

Date Tested: 04/01/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N "Battery c" – 498.0 MHz

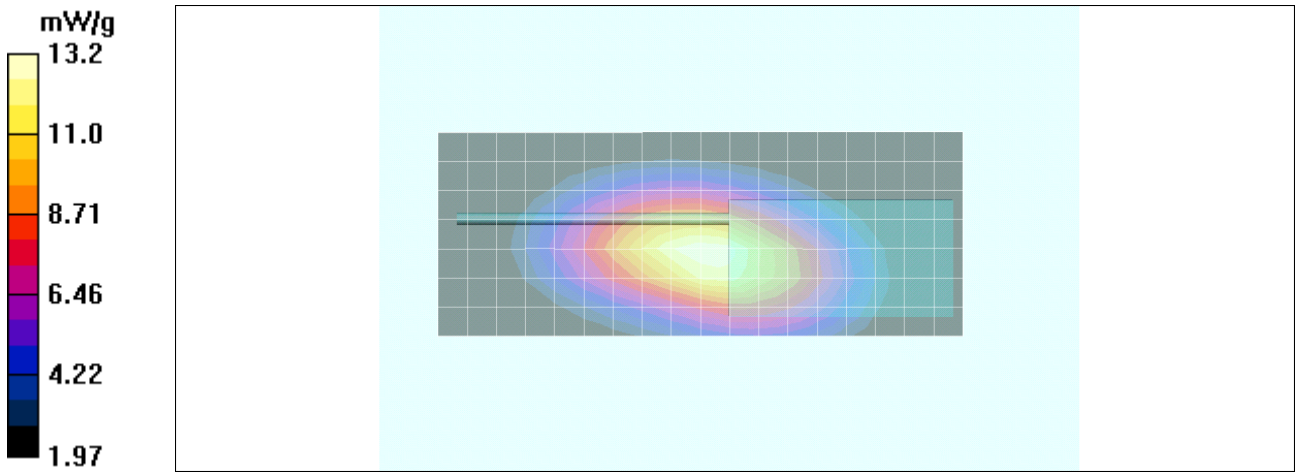
DUT: Kenwood NX-320-K2; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 0320K218
Audio Accessory Category 2: Earpiece (P/N: KHS-27)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 21.0°C; Fluid Temp: 20.5°C; Barometric Pressure: 101.1 kPa; Humidity: 32%

Communication System: CW
Frequency: 498 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 498 MHz; σ = 0.952 mho/m; ε_r = 58.3; 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: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- 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) = 13.1 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 119.3 V/m; Power Drift = -0.287 dB
Peak SAR (extrapolated) = 18.3 W/kg
SAR(1 g) = 12.6 mW/g; SAR(10 g) = 9.05 mW/g
Maximum value of SAR (measured) = 13.2 mW/g



Audio Accessory SAR Plot #32 (A32)

Date Tested: 04/04/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N "Battery c" – 484.0 MHz

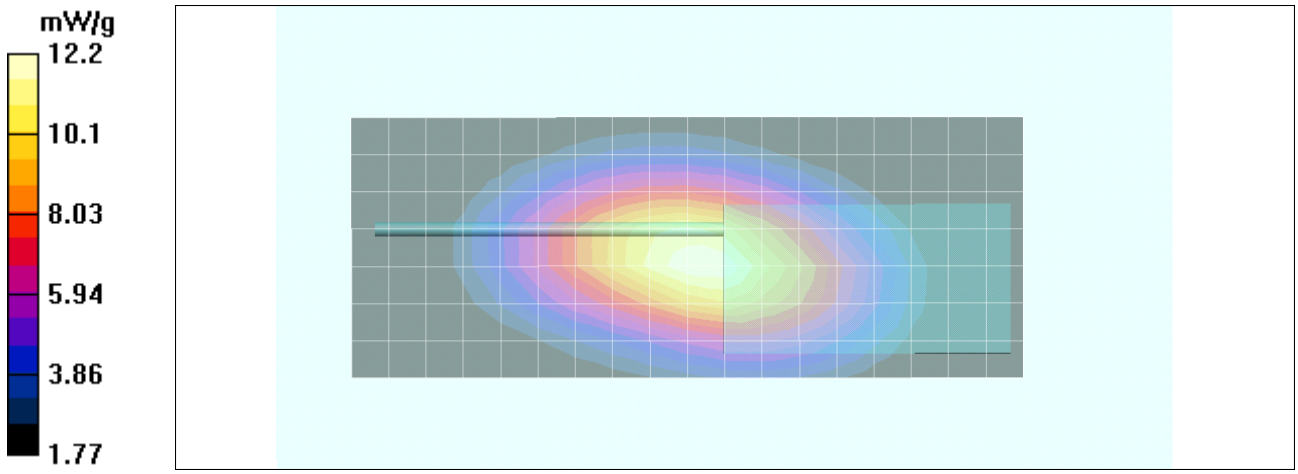
DUT: Kenwood NX-320-K2; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 0320K218
Audio Accessory Category 3: Palm-Mic (P/N: KHS-9BL)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 21.0°C; Fluid Temp: 20.5°C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW
Frequency: 484 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 484 MHz; σ = 0.928 mho/m; ε_r = 57.9; 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: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- 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) = 12.1 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 116.2 V/m; Power Drift = -0.549 dB
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 11.7 mW/g; SAR(10 g) = 8.36 mW/g
Maximum value of SAR (measured) = 12.2 mW/g



Audio Accessory SAR Plot #33 (A33)

Date Tested: 04/04/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N "Battery c" – 484.0 MHz

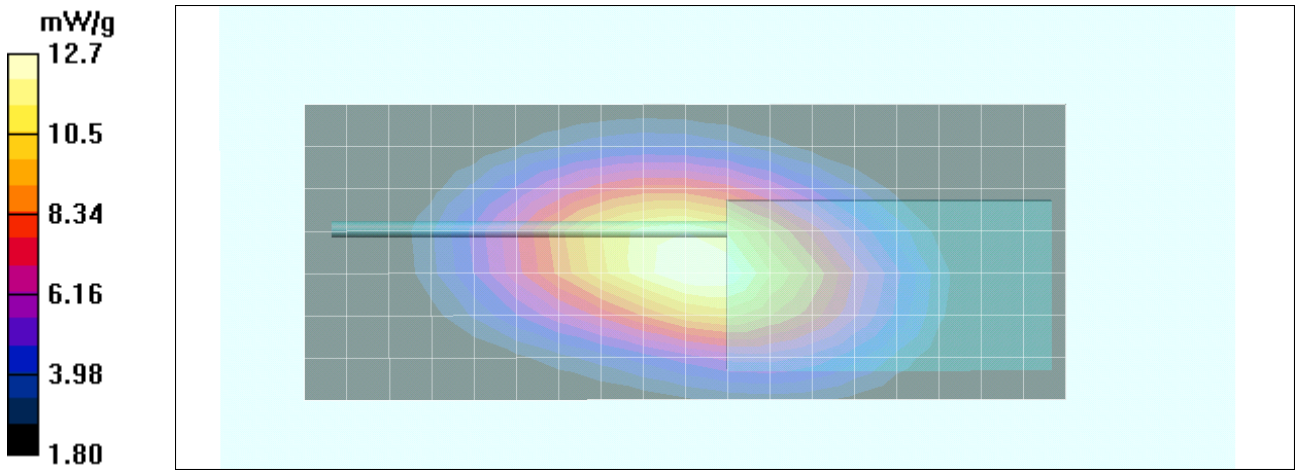
DUT: Kenwood NX-320-K2; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 0320K218
Audio Accessory Category 4: Speaker-Mic (P/N: KMC-48GPS)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 21.0°C; Fluid Temp: 20.5°C; Barometric Pressure: 101.1 kPa; Humidity: 30%

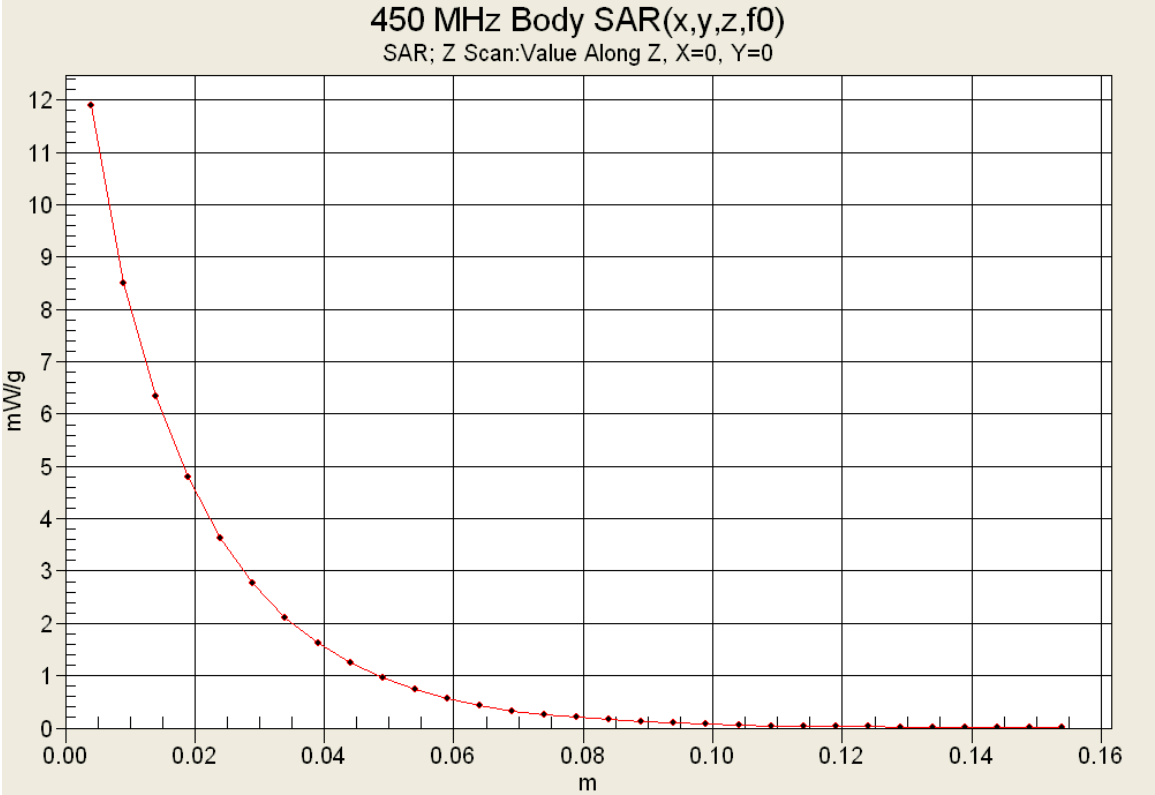
Communication System: CW
Frequency: 484 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 484 MHz; σ = 0.928 mho/m; ε_r = 57.9; ρ = 1000 kg/m^3

- 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: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

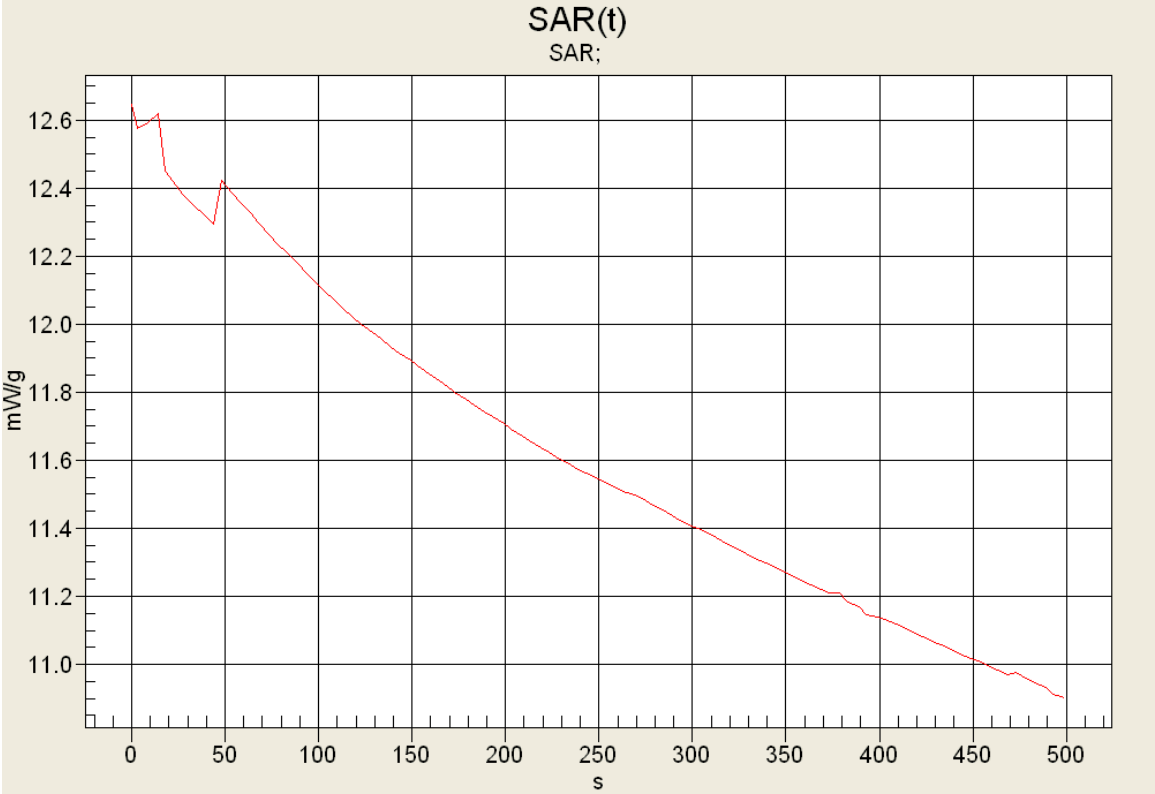
Body-worn SAR – 1.7 cm Belt-Clip Spacing from Back of DUT to Planar Phantom
Area Scan (8x19x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 12.8 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 118.8 V/m; Power Drift = -0.550 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 12.1 mW/g; SAR(10 g) = 8.68 mW/g
Maximum value of SAR (measured) = 12.7 mW/g



Z-Axis Scan



SAR Droop Evaluation (SAR-versus-Time)



SAR 0s – 12.646 mW/g
SAR 340s – 11.298 mW/g (-0.490 dB)
SAR 500s – 10.903 mW/g (-0.644 dB)

Audio Accessory SAR Plot #34 (A34)

Date Tested: 01/31/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N 1400mAh Ni-MH "Battery c" – 470.0 MHz

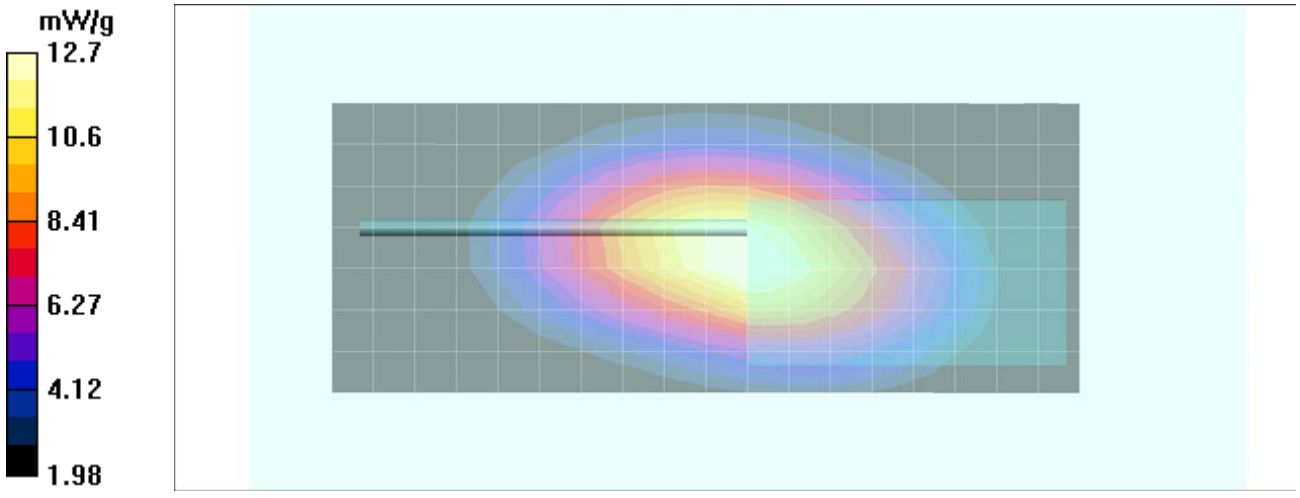
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 1 (Headset); Type: Noise Reduction Headset (Over-the-Head) (P/N: KHS-10-OH)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 24.1°C; Fluid Temp: 23.2°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: CW
Frequency: 470 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used: f = 470 MHz; σ = 0.95 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 13.2 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 108.1 V/m; Power Drift = 0.189 dB
Peak SAR (extrapolated) = 17.4 W/kg
SAR(1 g) = 12.1 mW/g; SAR(10 g) = 8.69 mW/g
Maximum value of SAR (measured) = 12.7 mW/g



Audio Accessory SAR Plot #35 (A35)

Date Tested: 01/31/2011

Body-worn SAR - KRA-27M2 "Antenna D" - KNB-56N 1400mAh Ni-MH "Battery c" – 484.0 MHz

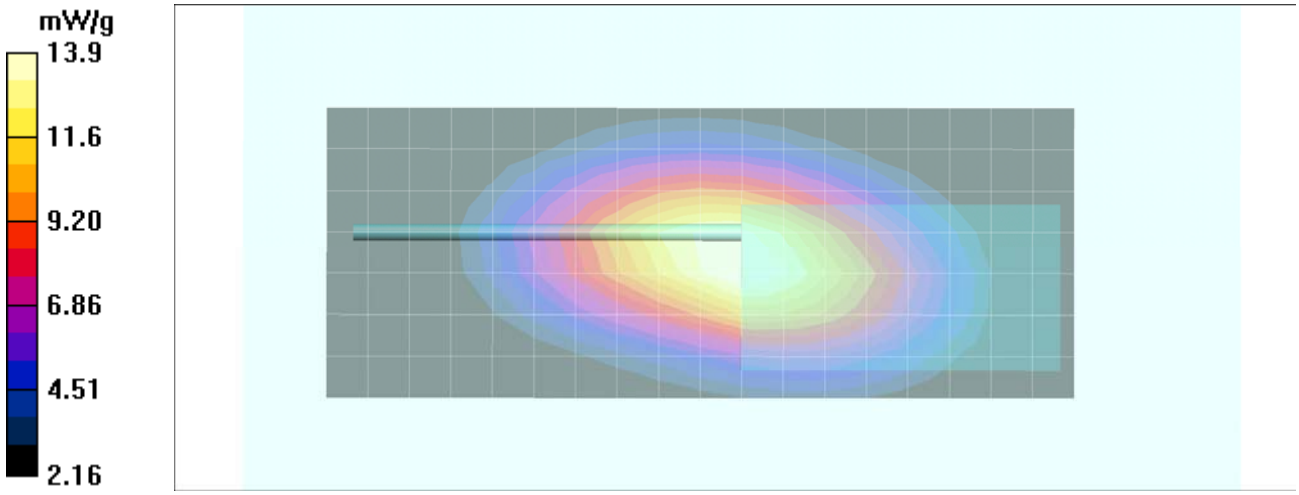
DUT: Kenwood NX-320-K3; Type: Portable FM UHF-H PTT Radio Transceiver; Serial: No. 10
Audio Accessory Category 1 (Headset); Type: Noise Reduction Headset (Over-the-Head) (P/N: KHS-10-OH)
Body-worn Accessory 1: Belt-Clip (P/N: KBH-12)

Ambient Temp: 24.1°C; Fluid Temp: 23.2°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

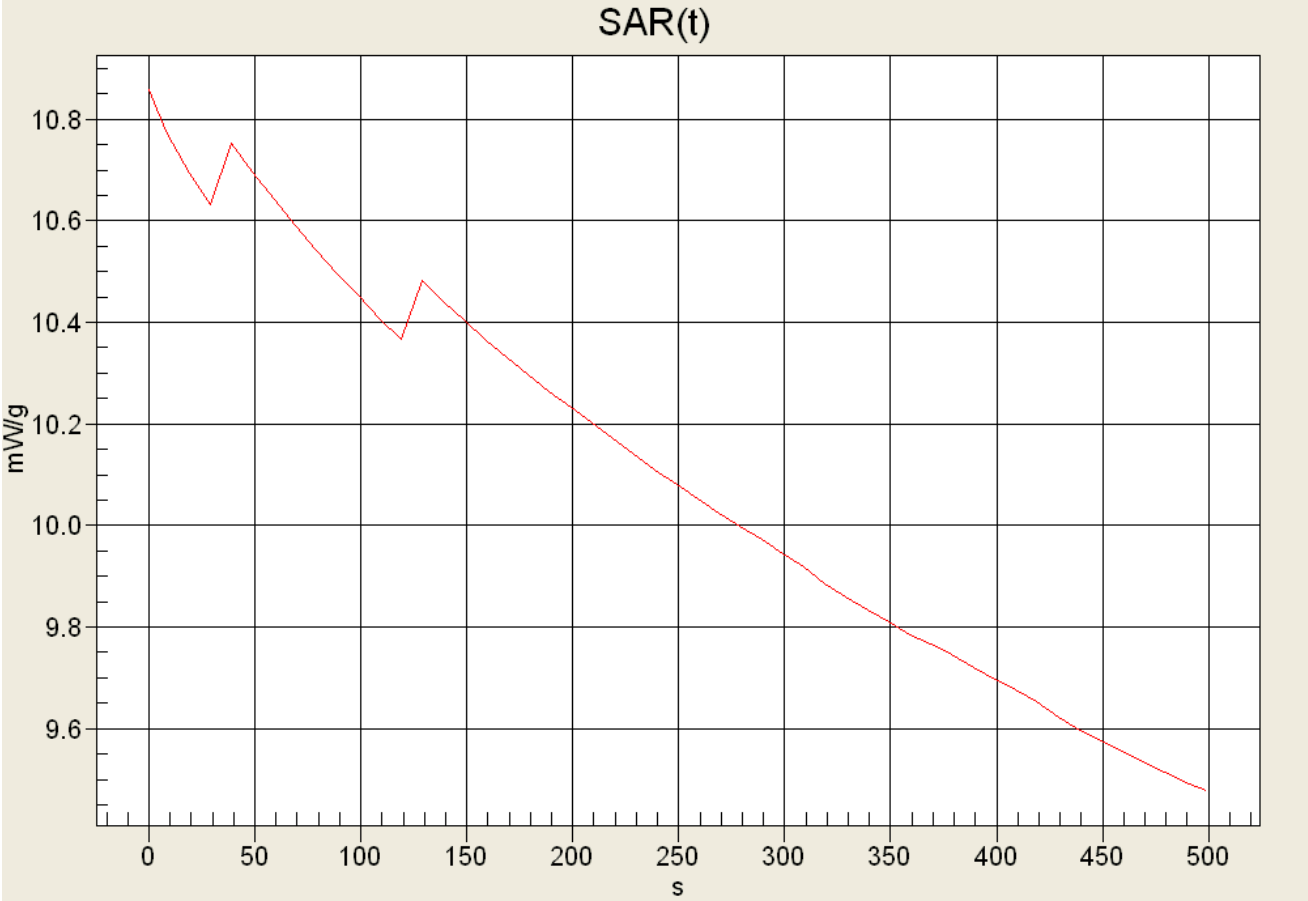
Communication System: CW
Frequency: 484 MHz; Duty Cycle: 1:1
Medium: M450 Medium parameters used (interpolated): f = 484 MHz; σ = 0.964 mho/m; ε_r = 59.4; ρ = 1000 kg/m^3

- 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: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- 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) = 14.4 mW/g
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 119.9 V/m; Power Drift = -0.511 dB
Peak SAR (extrapolated) = 19.0 W/kg
SAR(1 g) = 13.2 mW/g; SAR(10 g) = 9.56 mW/g
Maximum value of SAR (measured) = 13.9 mW/g



SAR Droop Evaluation (SAR-versus-Time)



SAR 0s - 10.858 mW/g
SAR 340s - 9.834 mW/g (-0.430 dB)
SAR 500s - 9.479 mW/g (-0.590 dB)