

	<u>Date(s) of Evaluation</u> July 05-08, 11-12, 2011	<u>Test Report Serial No.</u> 070411OWD-T1108-S90P	<u>Test Report Revision No.</u> Rev. 1.2 (3rd Release)	
	<u>Test Report Issue Date</u> October 05, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot #54 (B54)

Date Tested: 07/08/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.0°C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW

Frequency: 823.9875 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 824$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 5.1 cm Leather Case & Leather Belt Loop Spacing from Back of DUT to Planar Phantom

Area Scan (8x24x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.96 mW/g

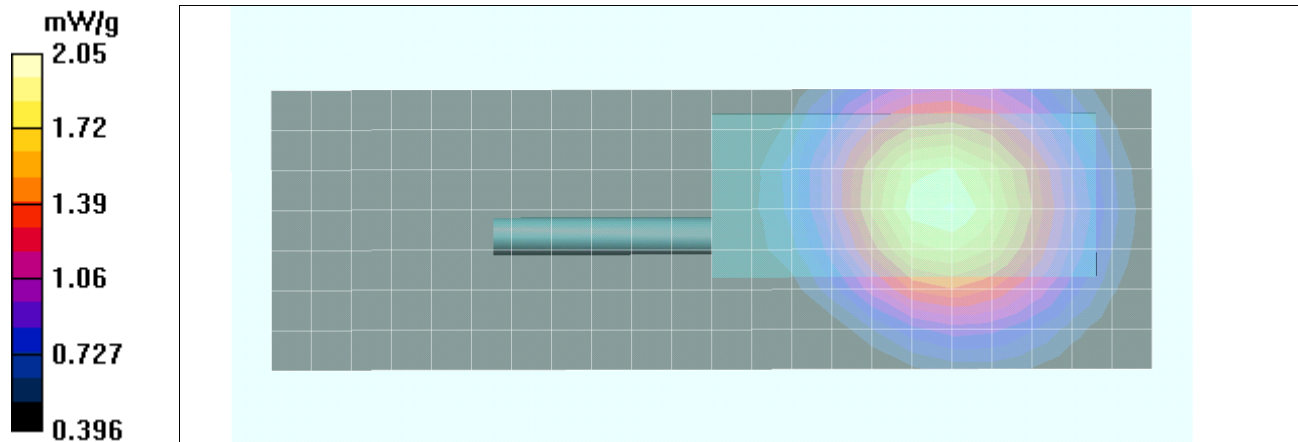
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 22.2 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 2.36 W/kg

SAR(1 g) = 1.95 mW/g; SAR(10 g) = 1.49 mW/g

Maximum value of SAR (measured) = 2.05 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver	Model:	P5500 (800)	806-824 / 851-869 MHz		
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Body SAR Plot #55 (B55)

Date Tested: 07/08/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.0°C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW

Frequency: 868.9875 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 54.2$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 5.1 cm Leather Case & Leather Belt Loop Spacing from Back of DUT to Planar Phantom

Area Scan (8x24x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.12 mW/g

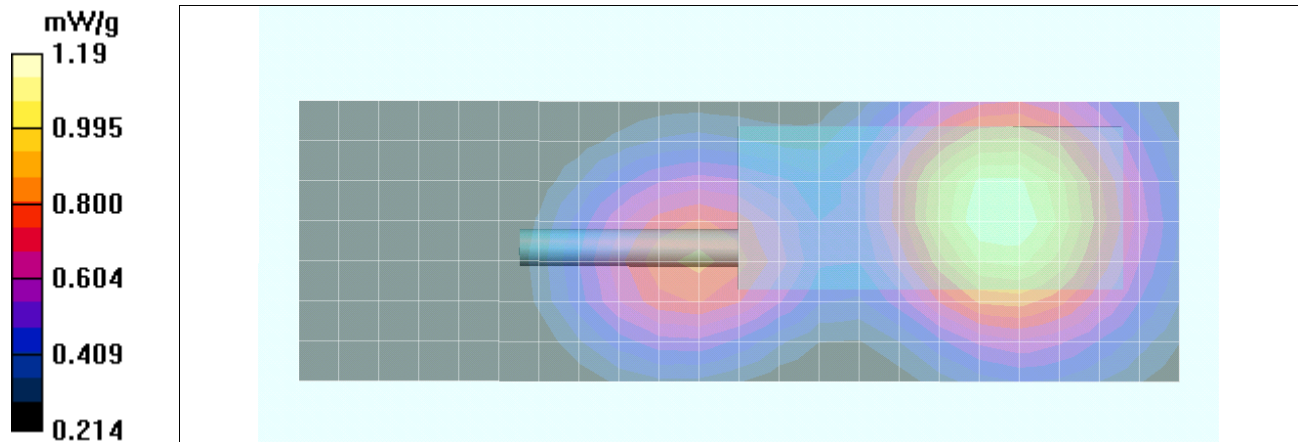
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 27.1 V/m; Power Drift = -0.189 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.856 mW/g

Maximum value of SAR (measured) = 1.19 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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	<u>Test Report Issue Date</u> October 05, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot #56 (B56)

Date Tested: 07/08/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.0°C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW

Frequency: 868.9875 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 5.1 cm Leather Case & Leather Belt Loop Spacing from Back of DUT to Planar Phantom

Area Scan (8x24x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.36 mW/g

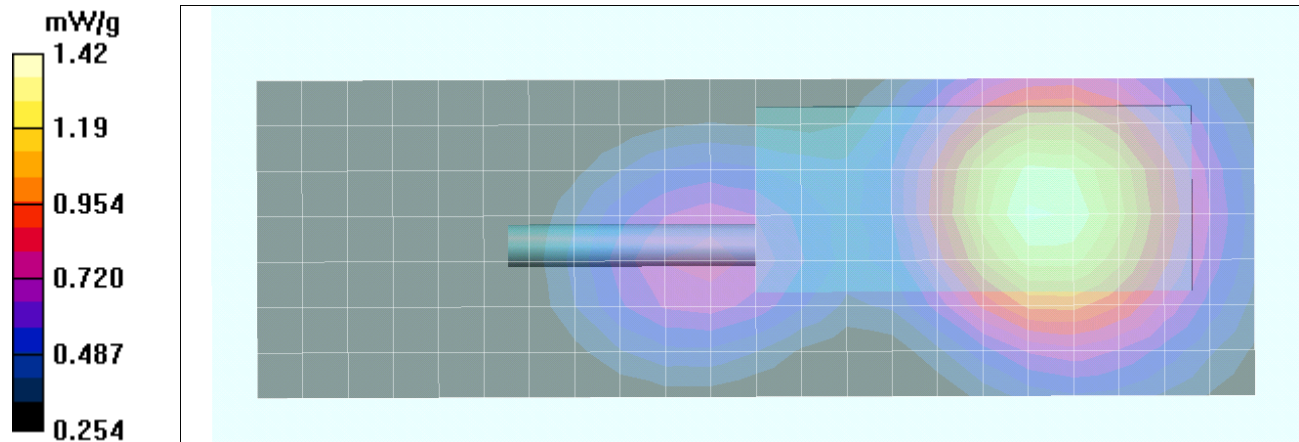
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.0 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 1.03 mW/g

Maximum value of SAR (measured) = 1.42 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver	Model:	P5500 (800)	806-824 / 851-869 MHz		
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Body SAR Plot #57 (B57)

Date Tested: 07/07/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 24.0°C; Fluid Temp: 23.8°C; Barometric Pressure: 101.1 kPa; Humidity: 33%

Communication System: CW

Frequency: 823.9875 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 824 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 54.3$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 4.4 cm Nylon Case & Leather Belt Loop Spacing from Back of DUT to Planar Phantom

Area Scan (6x18x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (measured) = 2.05 mW/g

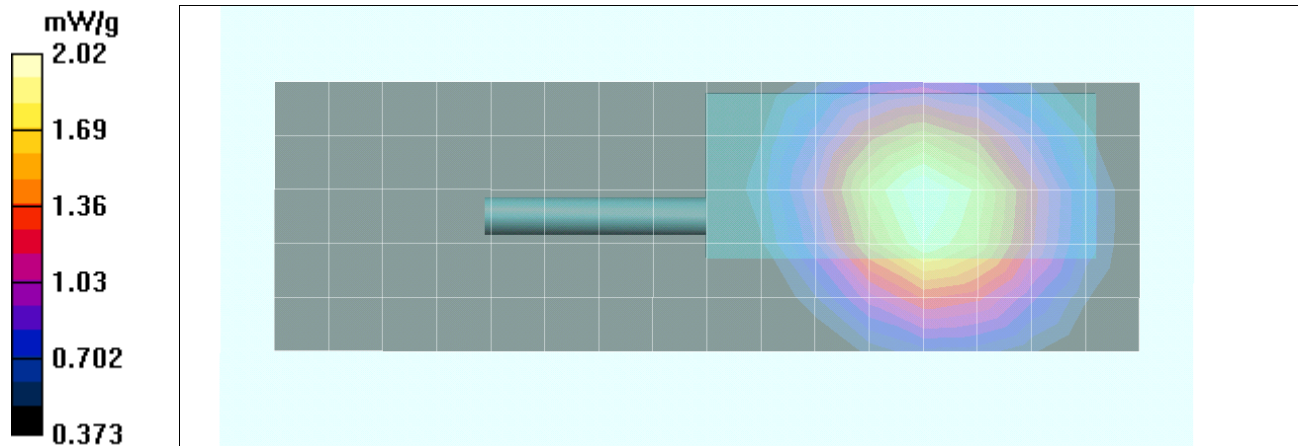
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.7 V/m; Power Drift = -0.259 dB

Peak SAR (extrapolated) = 2.36 W/kg

SAR(1 g) = 1.93 mW/g; SAR(10 g) = 1.47 mW/g

Maximum value of SAR (measured) = 2.02 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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	<u>Test Report Issue Date</u> October 05, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot #58 (B58)

Date Tested: 07/08/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.0°C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW

Frequency: 868.9875 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 54.2$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 4.4 cm Nylon Case & Leather Belt Loop Spacing from Back of DUT to Planar Phantom

Area Scan (8x24x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.17 mW/g

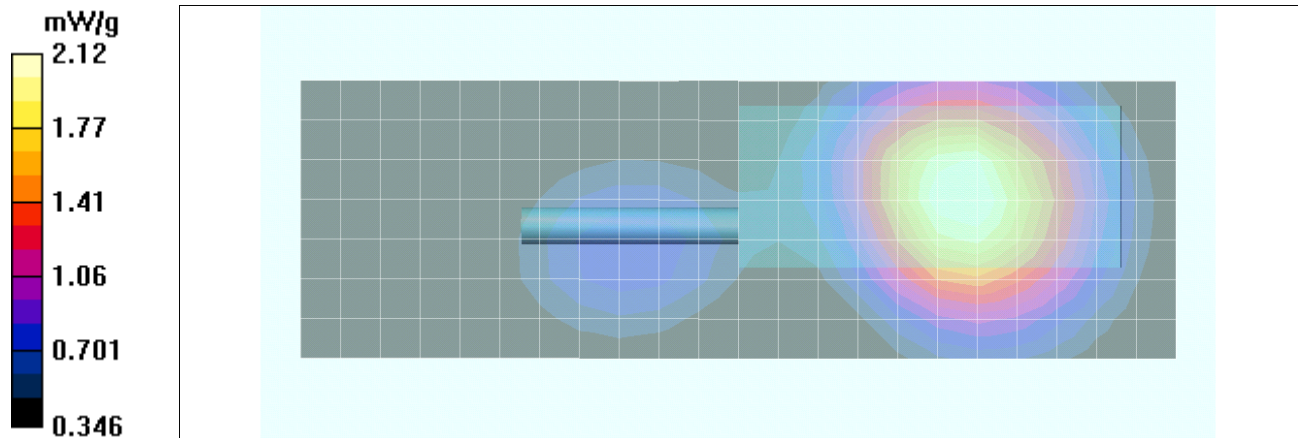
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.2 V/m; Power Drift = -0.179 dB

Peak SAR (extrapolated) = 2.47 W/kg

SAR(1 g) = 2.00 mW/g; SAR(10 g) = 1.5 mW/g

Maximum value of SAR (measured) = 2.12 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver	Model:	P5500 (800)	806-824 / 851-869 MHz		
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Body SAR Plot #59 (B59)

Date Tested: 07/08/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.0°C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW

Frequency: 823.9875 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 824 \text{ MHz}$; $\sigma = 0.967 \text{ mho/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 4.4 cm Nylon Case & Leather Belt Loop Spacing from Back of DUT to Planar Phantom

Area Scan (8x24x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.770 mW/g

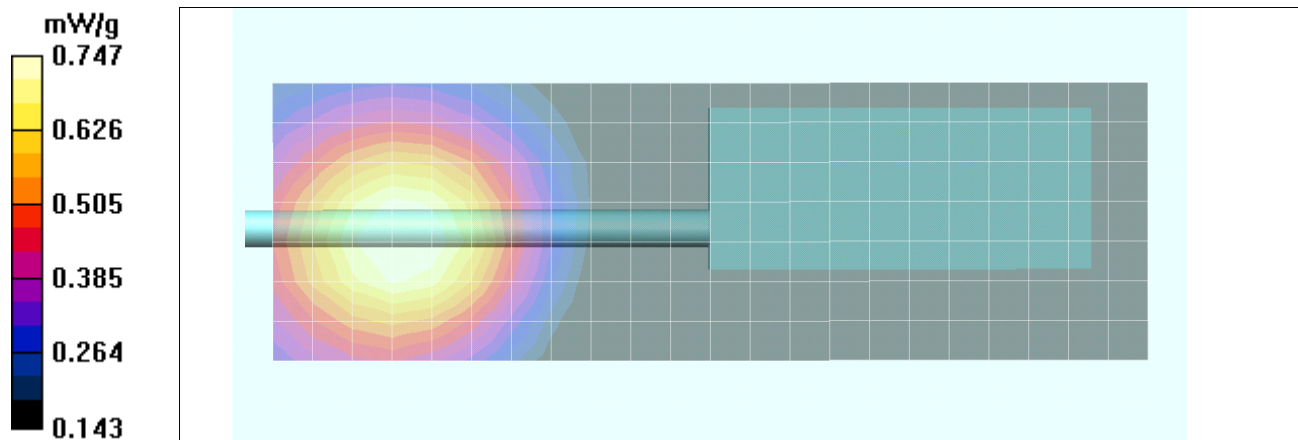
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.63 V/m; Power Drift = -0.428 dB

Peak SAR (extrapolated) = 0.866 W/kg

SAR(1 g) = 0.712 mW/g; SAR(10 g) = 0.543 mW/g

Maximum value of SAR (measured) = 0.747 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver	Model:	P5500 (800)	806-824 / 851-869 MHz		
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	<u>Test Report Issue Date</u> October 05, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot #60 (B60)

Date Tested: 07/08/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.0°C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW

Frequency: 868.9875 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 54.2$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 4.4 cm Nylon Case & Leather Belt Loop Spacing from Back of DUT to Planar Phantom

Area Scan (8x24x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.623 mW/g

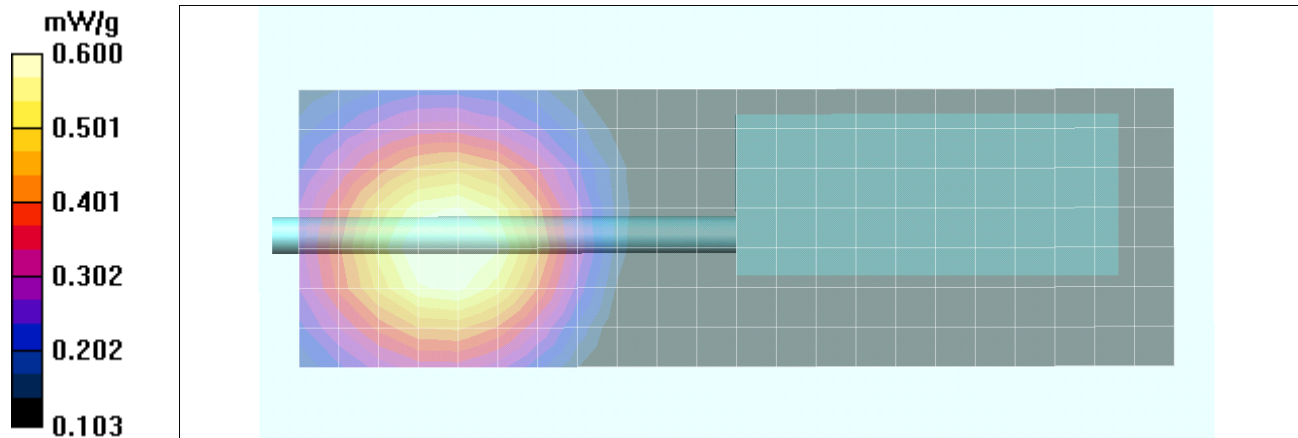
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.44 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.693 W/kg

SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.429 mW/g

Maximum value of SAR (measured) = 0.600 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver	Model:	P5500 (800)	806-824 / 851-869 MHz		
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Body SAR Plot #61 (B61)

Date Tested: 07/07/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 24.0°C; Fluid Temp: 23.8°C; Barometric Pressure: 101.1 kPa; Humidity: 33%

Communication System: CW

Frequency: 823.9875 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 824 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 54.3$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 4.4 cm Nylon Case & Leather Belt Loop Spacing from Back of DUT to Planar Phantom

Area Scan (6x18x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (measured) = 2.01 mW/g

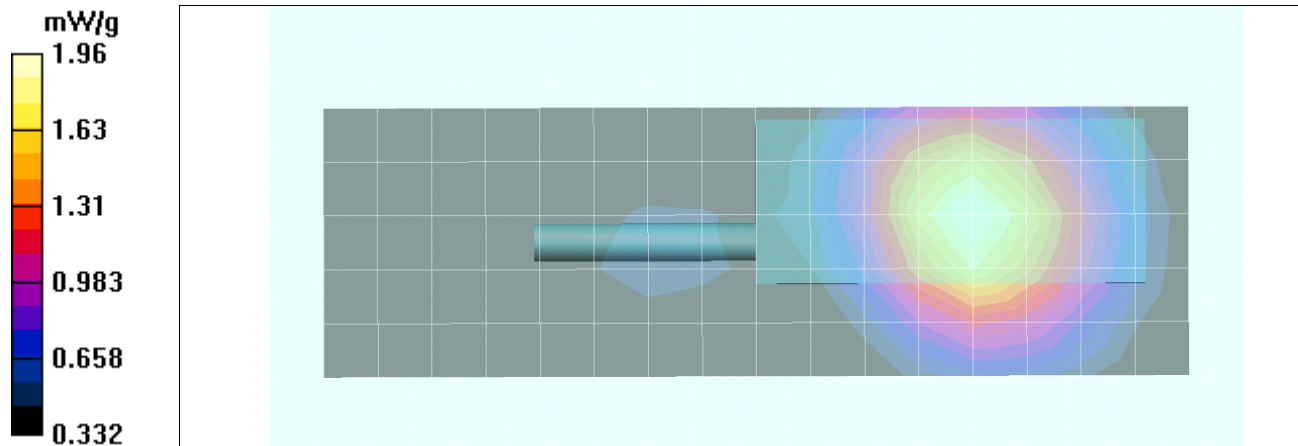
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.4 V/m; Power Drift = -0.207 dB

Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 1.87 mW/g; SAR(10 g) = 1.41 mW/g

Maximum value of SAR (measured) = 1.96 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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Body SAR Plot #62 (B62)

Date Tested: 07/08/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.0°C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW

Frequency: 868.9875 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 54.2$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 4.4 cm Nylon Case & Leather Belt Loop Spacing from Back of DUT to Planar Phantom

Area Scan (8x24x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.43 mW/g

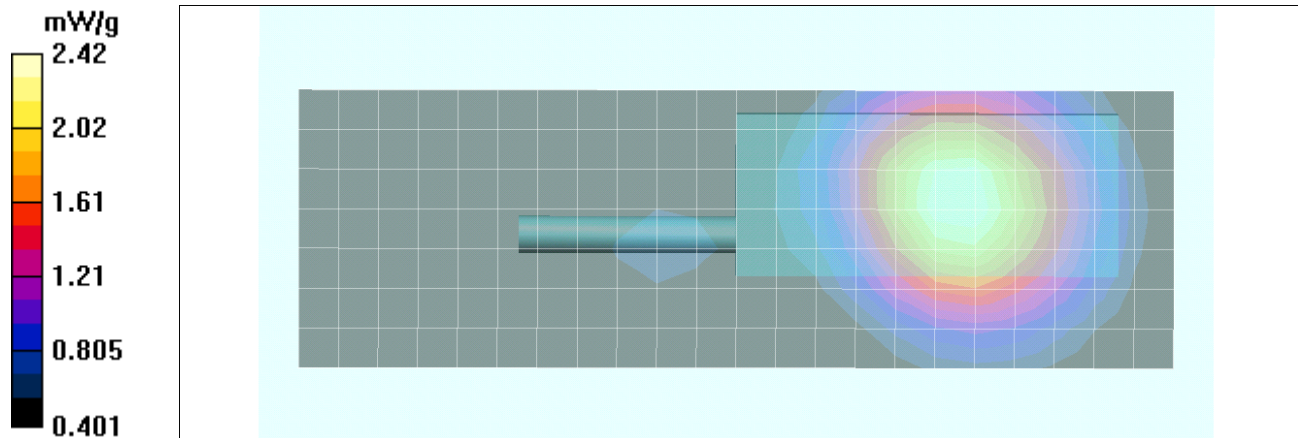
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.8 V/m; Power Drift = -0.174 dB

Peak SAR (extrapolated) = 2.80 W/kg

SAR(1 g) = 2.29 mW/g; SAR(10 g) = 1.73 mW/g

Maximum value of SAR (measured) = 2.42 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver	Model:	P5500 (800)	806-824 / 851-869 MHz		
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	<u>October 05, 2011</u>	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot #63 (B63)

Date Tested: 07/08/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.0°C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW

Frequency: 823.9875 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 824 \text{ MHz}$; $\sigma = 0.967 \text{ mho/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 4.4 cm Nylon Case & Leather Belt Loop Spacing from Back of DUT to Planar Phantom

Area Scan (8x24x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.21 mW/g

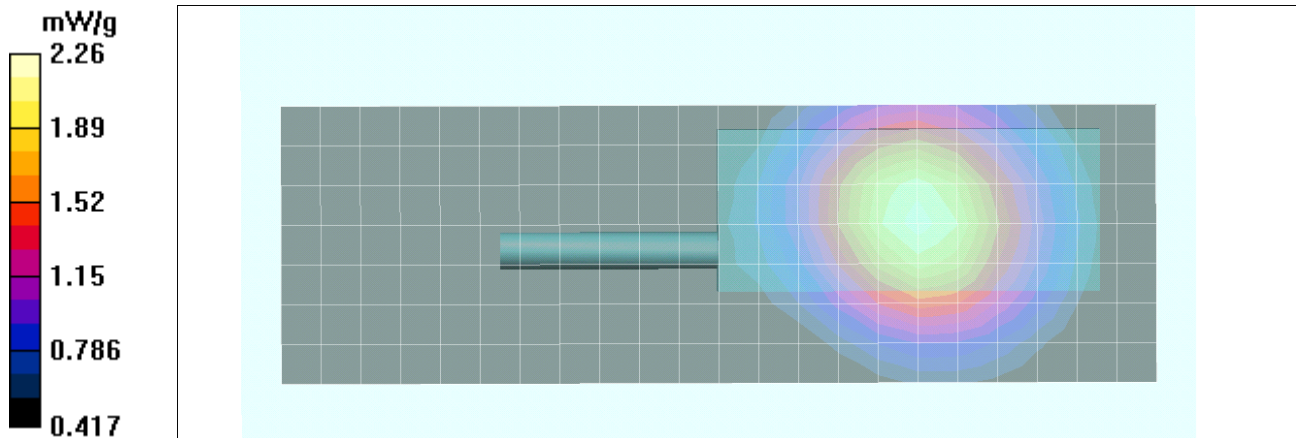
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.2 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 2.61 W/kg

SAR(1 g) = 2.15 mW/g; SAR(10 g) = 1.64 mW/g

Maximum value of SAR (measured) = 2.26 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver	Model:	P5500 (800)	806-824 / 851-869 MHz		
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	<u>Test Report Issue Date</u> October 05, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot #64 (B64)

Date Tested: 07/08/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.0°C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW

Frequency: 823.9875 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 824$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 4.4 cm Nylon Case & Leather Belt Loop Spacing from Back of DUT to Planar Phantom

Area Scan (8x24x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 2.36 mW/g

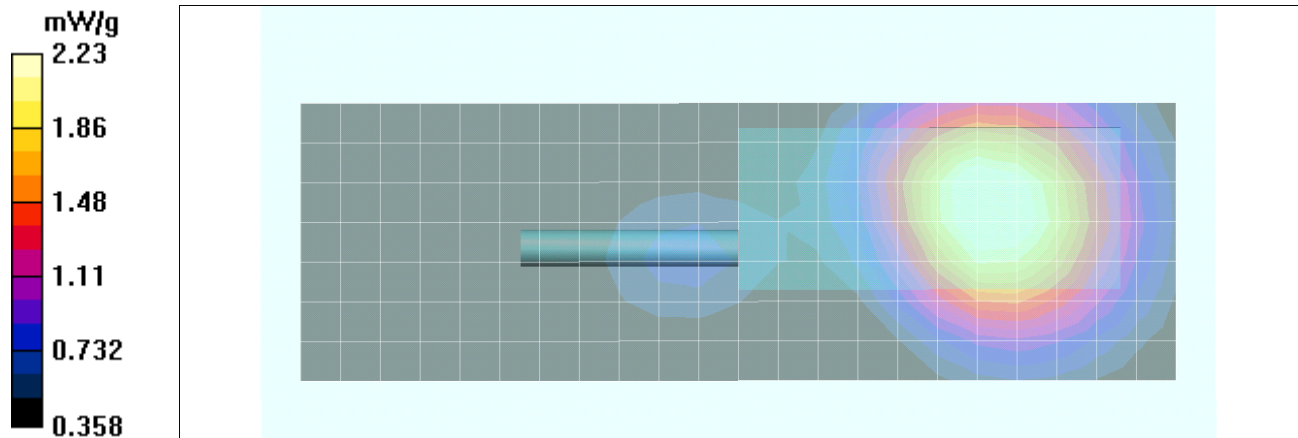
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 23.8 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 2.61 W/kg

SAR(1 g) = 2.12 mW/g; SAR(10 g) = 1.6 mW/g

Maximum value of SAR (measured) = 2.23 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver	Model:	P5500 (800)	806-824 / 851-869 MHz		
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	<u>Test Report Issue Date</u> October 05, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot #65 (B65)

Date Tested: 07/08/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.0°C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW

Frequency: 868.9875 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 54.2$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 4.4 cm Nylon Case & Leather Belt Loop Spacing from Back of DUT to Planar Phantom

Area Scan (8x24x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.38 mW/g

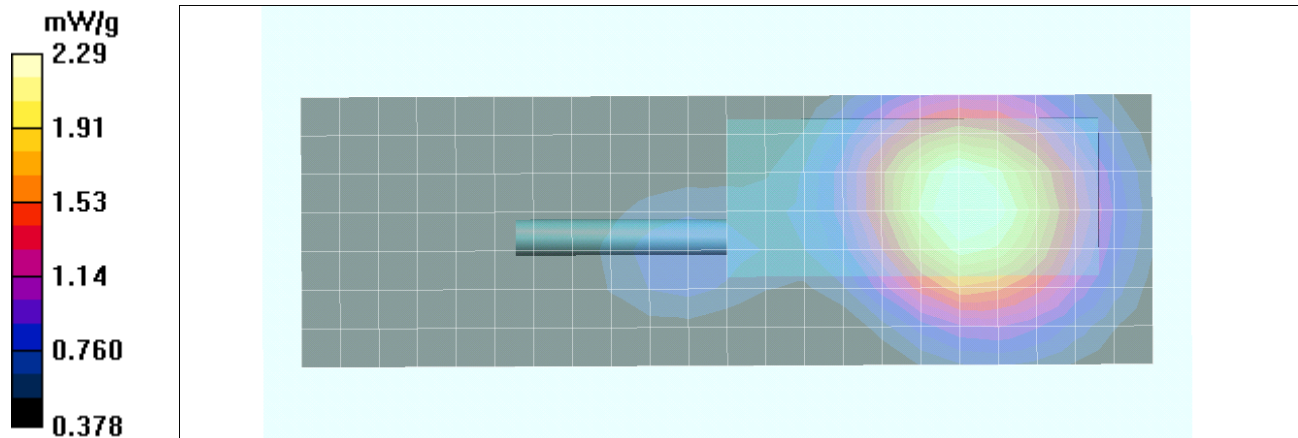
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.7 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 2.69 W/kg

SAR(1 g) = 2.17 mW/g; SAR(10 g) = 1.63 mW/g

Maximum value of SAR (measured) = 2.29 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver	Model:	P5500 (800)	806-824 / 851-869 MHz		
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Body SAR Plot #66 (B66)

Date Tested: 07/08/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.0°C; Barometric Pressure: 101.1 kPa; Humidity: 30%

Communication System: CW

Frequency: 868.9875 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 54.2$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 4.4 cm Nylon Case & Leather Belt Loop Spacing from Back of DUT to Planar Phantom

Area Scan (8x24x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.38 mW/g

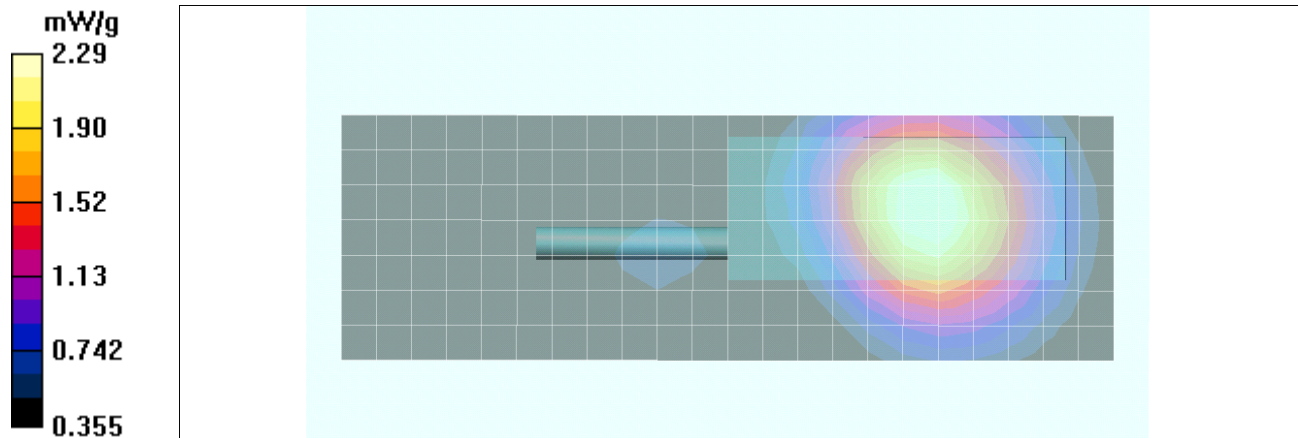
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.0 V/m; Power Drift = -0.170 dB

Peak SAR (extrapolated) = 2.70 W/kg

SAR(1 g) = 2.17 mW/g; SAR(10 g) = 1.63 mW/g

Maximum value of SAR (measured) = 2.29 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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Audio Accessory SAR Plot #1 (A1)

Date Tested: 07/11/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 23.0°C; Fluid Temp: 21.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 824 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 824 \text{ MHz}$; $\sigma = 0.968 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 7.84 mW/g

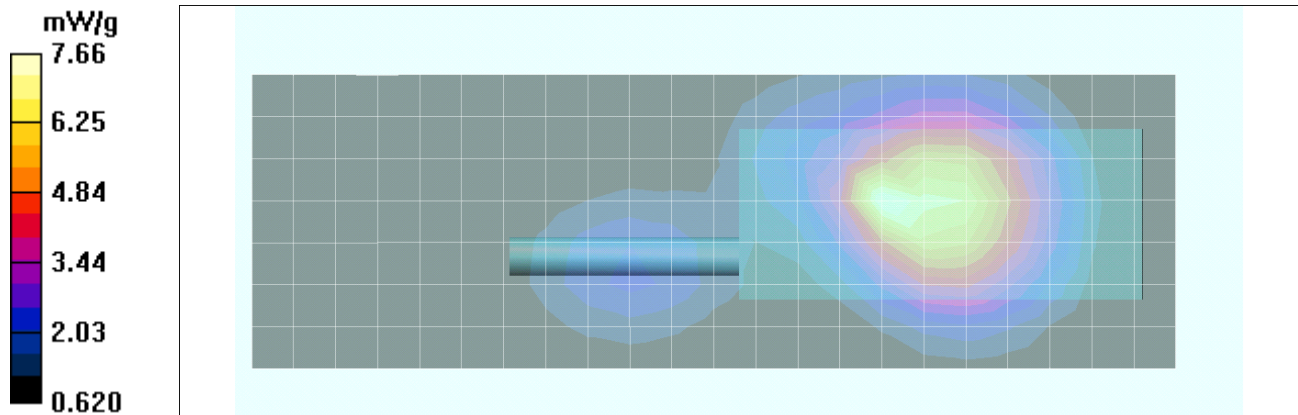
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 36.8 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 13.3 W/kg

SAR(1 g) = 6.98 mW/g; SAR(10 g) = 4.84 mW/g

Maximum value of SAR (measured) = 7.66 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver	Model:	P5500 (800)	806-824 / 851-869 MHz		
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	<u>Test Report Issue Date</u> October 05, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Audio Accessory SAR Plot #2 (A2)

Date Tested: 07/11/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 23.0°C; Fluid Temp: 21.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 869 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 6.92 mW/g

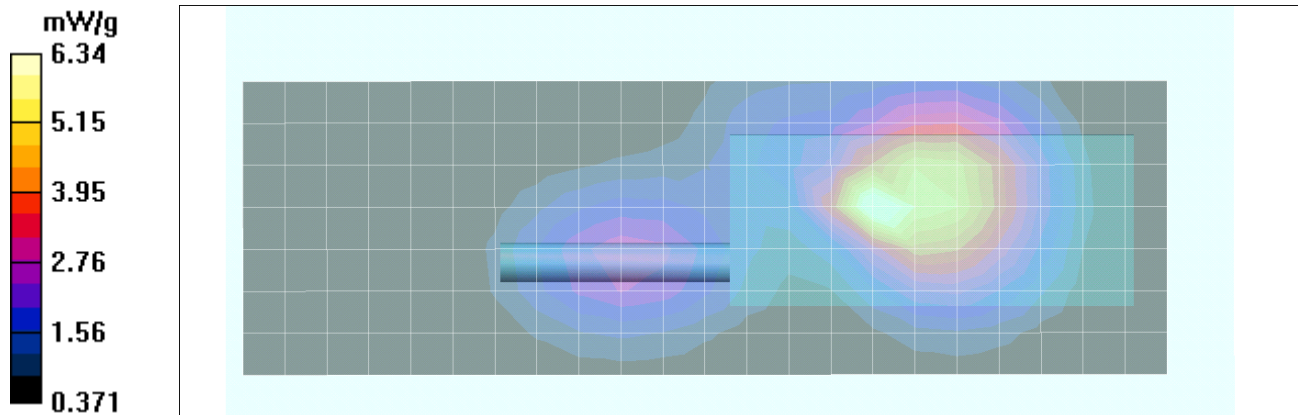
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 38.3 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 12.2 W/kg

SAR(1 g) = 5.76 mW/g; SAR(10 g) = 3.77 mW/g

Maximum value of SAR (measured) = 6.34 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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	Test Report Issue Date October 05, 2011	Description of Test(s) Specific Absorption Rate	RF Exposure Category Occupational (Controlled)	

Audio Accessory SAR Plot #3 (A3)

Date Tested: 07/11/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 23.0°C; Fluid Temp: 21.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 824 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 824$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 6.54 mW/g

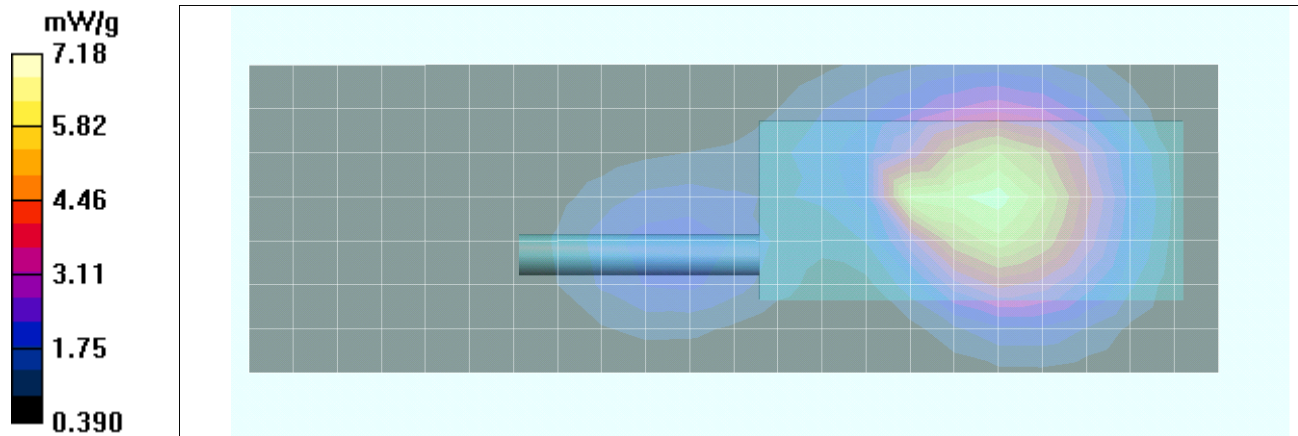
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 38.9 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 12.4 W/kg

SAR(1 g) = 6.44 mW/g; SAR(10 g) = 4.1 mW/g

Maximum value of SAR (measured) = 7.18 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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Test Lab Certificate No. 2470.01

Audio Accessory SAR Plot #4 (A4)

Date Tested: 07/11/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 23.0°C; Fluid Temp: 21.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 869 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 4.28 mW/g

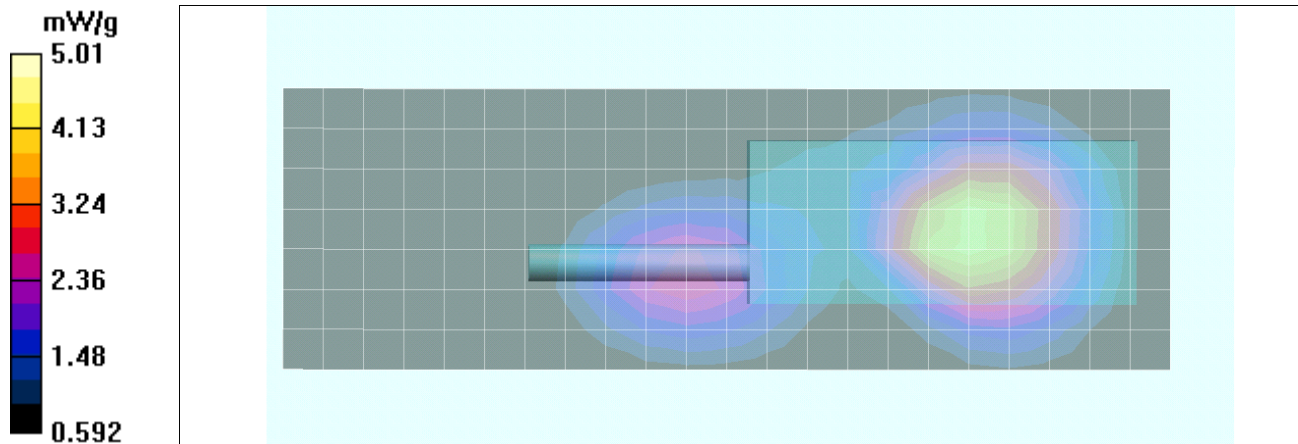
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 41.1 V/m; Power Drift = -0.271 dB

Peak SAR (extrapolated) = 6.54 W/kg

SAR(1 g) = 4.37 mW/g; SAR(10 g) = 3.33 mW/g

Maximum value of SAR (measured) = 5.01 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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Audio Accessory SAR Plot #5 (A5)

Date Tested: 07/11/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 23.0°C; Fluid Temp: 21.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 824 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 824$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

P Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 7.60 mW/g

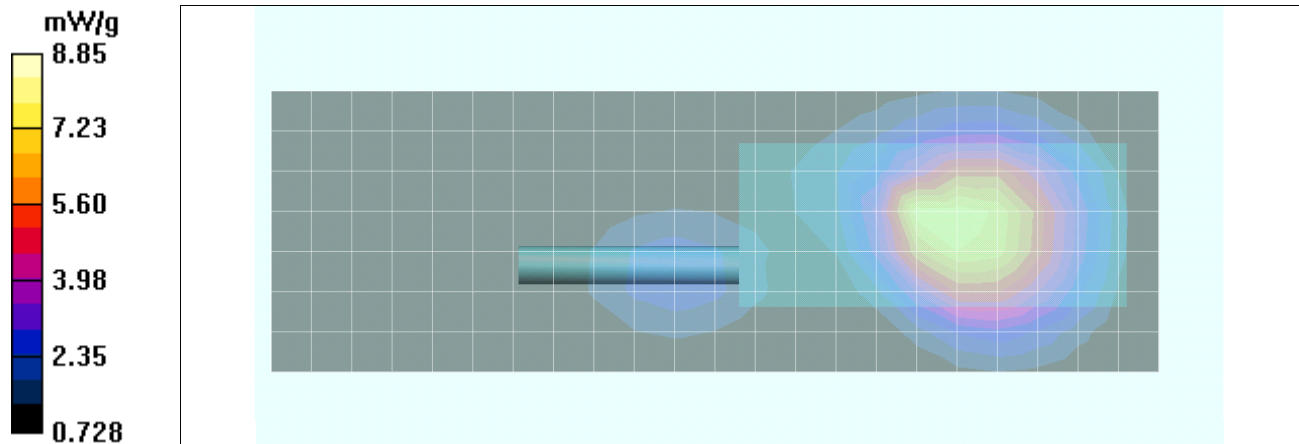
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 39.0 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 16.8 W/kg

SAR(1 g) = 8.00 mW/g; SAR(10 g) = 5.44 mW/g

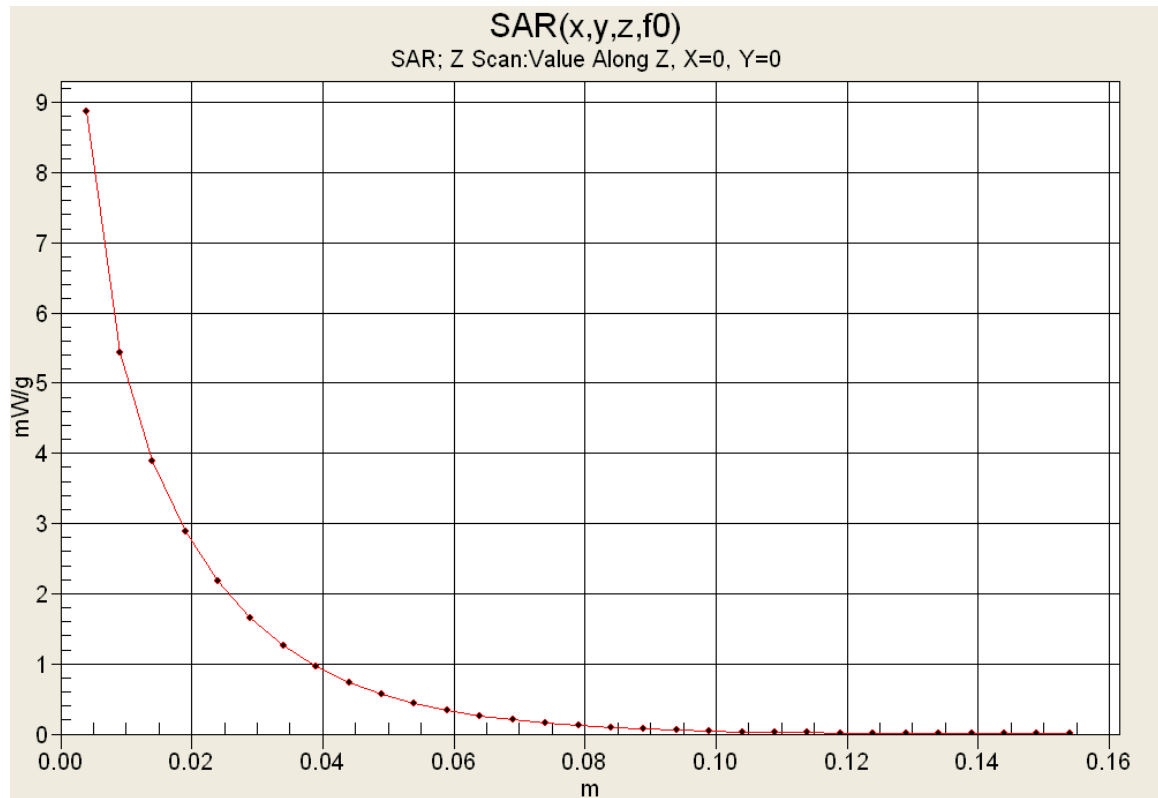
Maximum value of SAR (measured) = 8.85 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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Test Lab Certificate No. 2470.01				

Z-Axis Scan



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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Audio Accessory SAR Plot #6 (A6)

Date Tested: 07/11/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 23.0°C; Fluid Temp: 21.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 869 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 5.45 mW/g

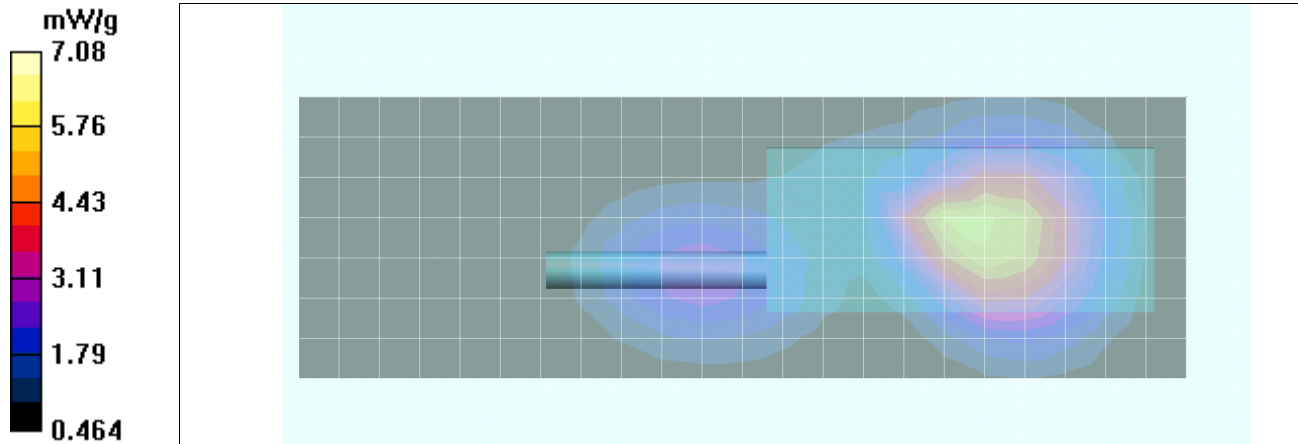
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 41.4 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 6.16 mW/g; SAR(10 g) = 3.85 mW/g

Maximum value of SAR (measured) = 7.08 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver	Model:	P5500 (800)	806-824 / 851-869 MHz		
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	<u>Test Report Issue Date</u> October 05, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Audio Accessory SAR Plot #7 (A7)

Date Tested: 07/11/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 23.0°C; Fluid Temp: 21.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 824 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 824 \text{ MHz}$; $\sigma = 0.968 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 6.97 mW/g

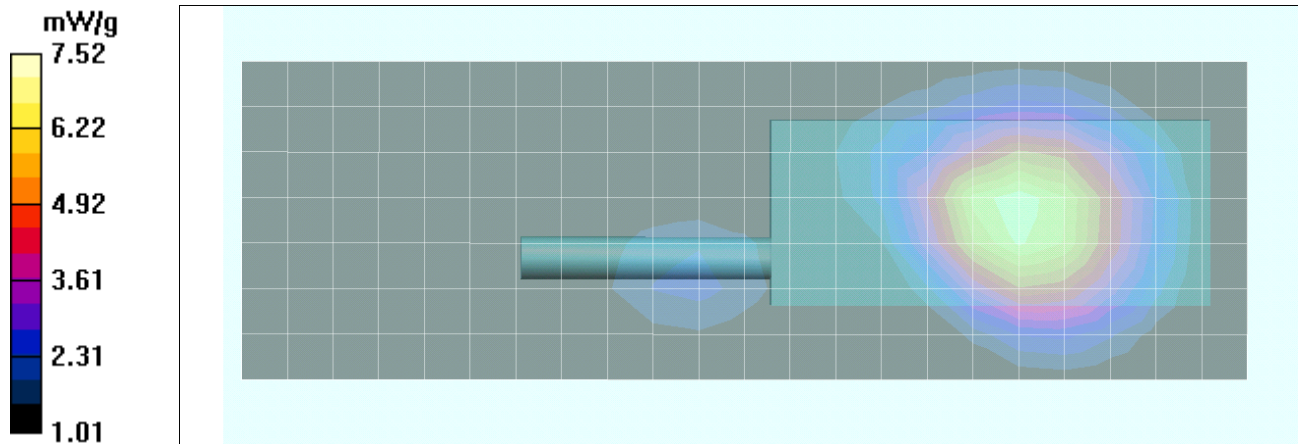
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.8 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 10.4 W/kg

SAR(1 g) = 6.71 mW/g; SAR(10 g) = 5.07 mW/g

Maximum value of SAR (measured) = 7.52 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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	Test Report Issue Date October 05, 2011	Description of Test(s) Specific Absorption Rate	RF Exposure Category Occupational (Controlled)	

Test Lab Certificate No. 2470.01

Audio Accessory SAR Plot #8 (A8)

Date Tested: 07/11/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 23.0°C; Fluid Temp: 21.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 869 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 4.63 mW/g

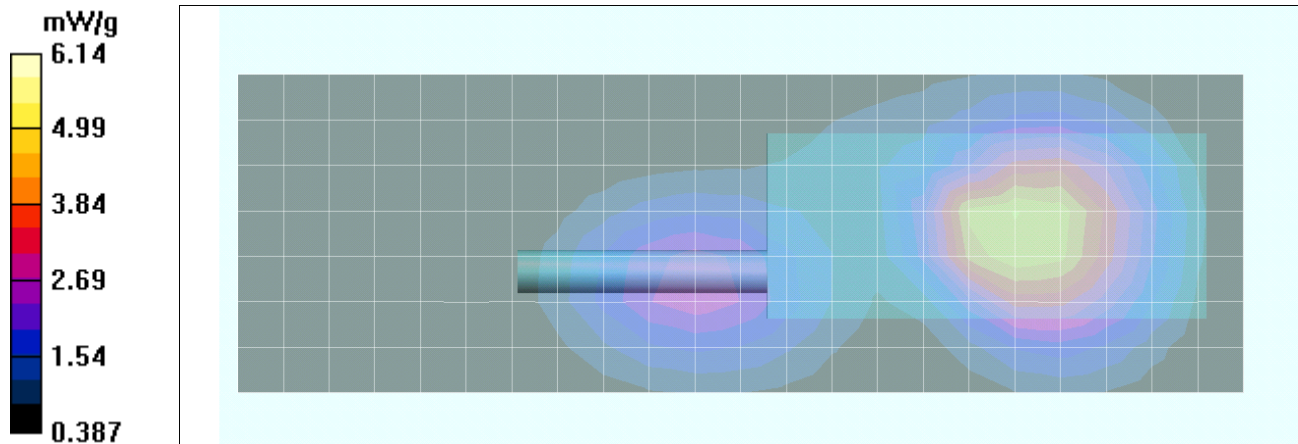
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 40.3 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 12.9 W/kg

SAR(1 g) = 5.34 mW/g; SAR(10 g) = 3.38 mW/g

Maximum value of SAR (measured) = 6.14 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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	Test Report Issue Date October 05, 2011	Description of Test(s) Specific Absorption Rate	RF Exposure Category Occupational (Controlled)	

Test Lab Certificate No. 2470.01

Audio Accessory SAR Plot #9 (A9)

Date Tested: 07/11/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 23.0°C; Fluid Temp: 21.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 824 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 824$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 6.99 mW/g

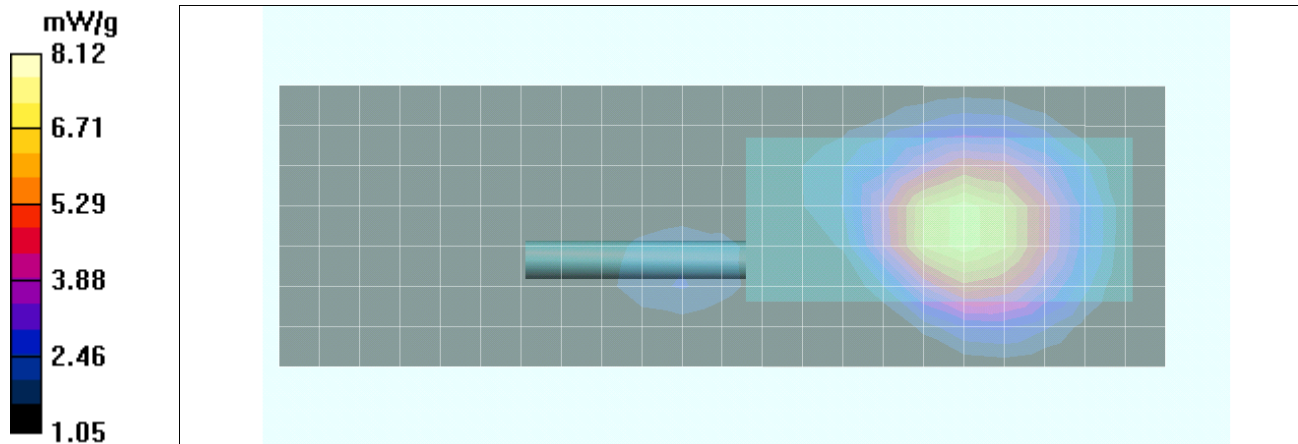
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 38.5 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 11.3 W/kg

SAR(1 g) = 6.97 mW/g; SAR(10 g) = 5.28 mW/g

Maximum value of SAR (measured) = 8.12 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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	<u>Test Report Issue Date</u> October 05, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Audio Accessory SAR Plot #10 (A10)

Date Tested: 07/11/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 23.0°C; Fluid Temp: 21.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 869 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 5.54 mW/g

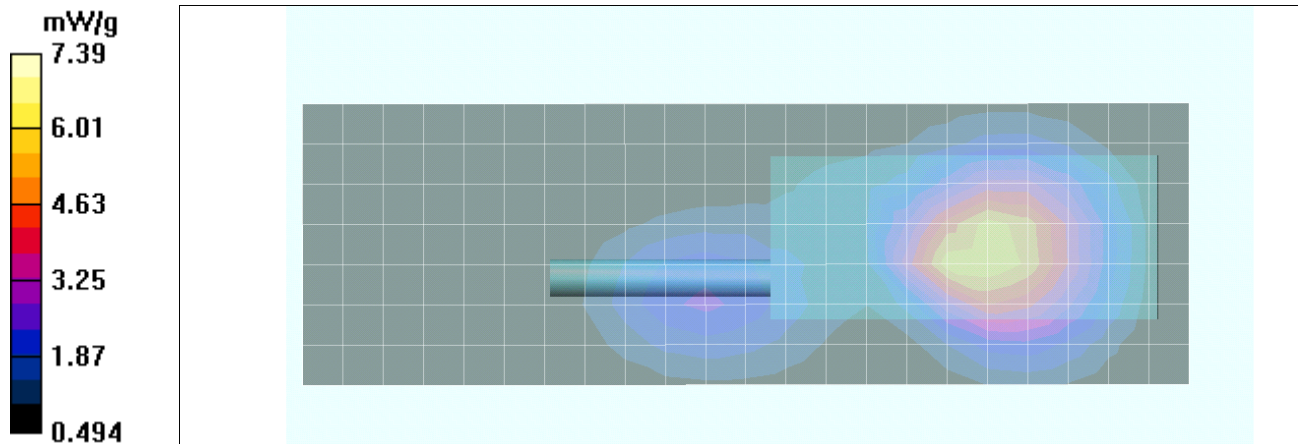
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 39.2 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 15.1 W/kg

SAR(1 g) = 6.43 mW/g; SAR(10 g) = 4.11 mW/g

Maximum value of SAR (measured) = 7.39 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver	Model:	P5500 (800)	806-824 / 851-869 MHz		
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Audio Accessory SAR Plot #11 (A11)

Date Tested: 07/11/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 23.0°C; Fluid Temp: 21.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 824 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 824 \text{ MHz}$; $\sigma = 0.968 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 5.70 mW/g

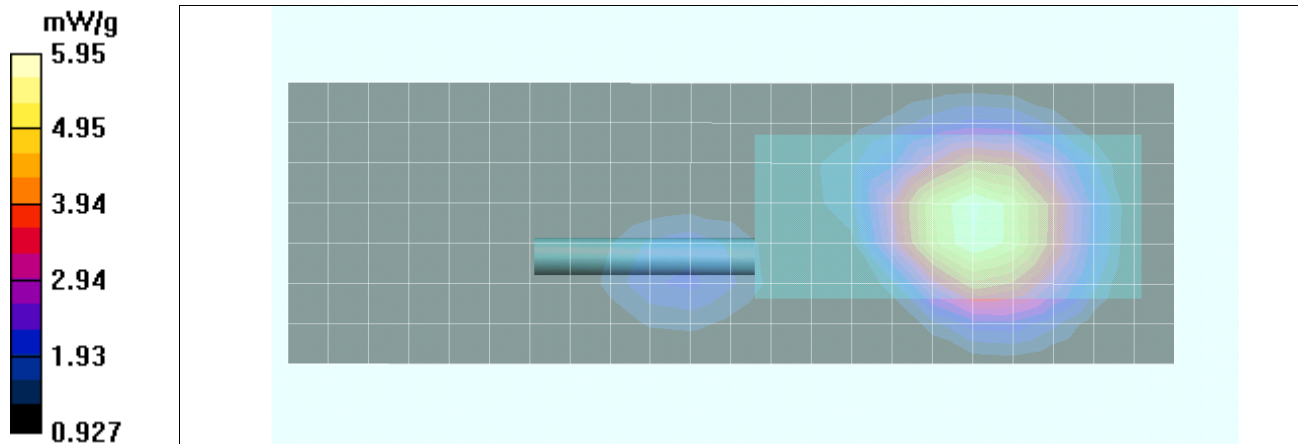
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.8 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 6.79 W/kg

SAR(1 g) = 5.65 mW/g; SAR(10 g) = 4.27 mW/g

Maximum value of SAR (measured) = 5.95 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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Audio Accessory SAR Plot #12 (A12)

Date Tested: 07/11/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 23.0°C; Fluid Temp: 21.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 869 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 5.57 mW/g

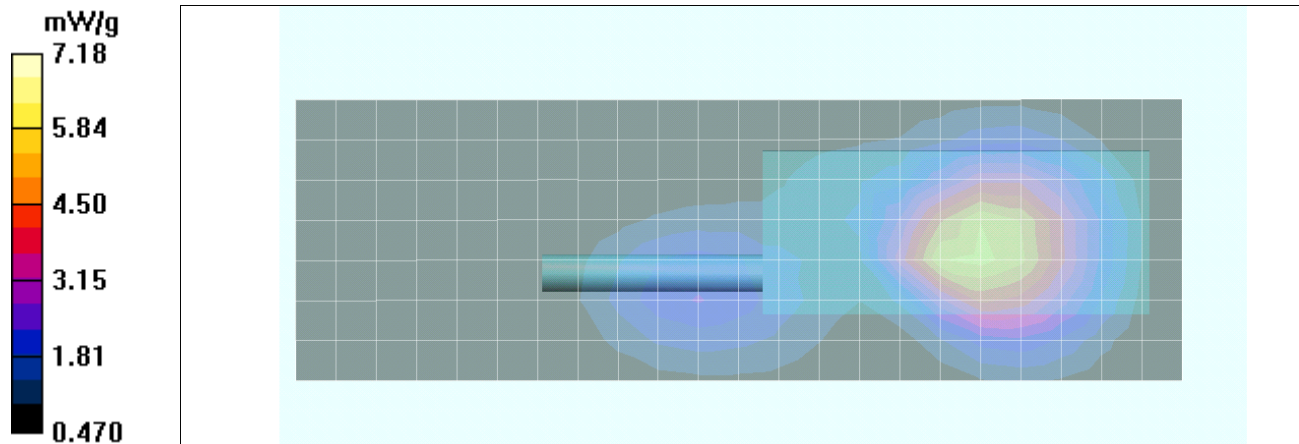
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 38.2 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 13.9 W/kg

SAR(1 g) = 6.21 mW/g; SAR(10 g) = 4.08 mW/g

Maximum value of SAR (measured) = 7.18 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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	<u>Test Report Issue Date</u> October 05, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Audio Accessory SAR Plot #13 (A13)

Date Tested: 07/12/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.3°C; Barometric Pressure: 101.1 kPa; Humidity: 47%

Communication System: CW

Frequency: 824 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 824 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 6.13 mW/g

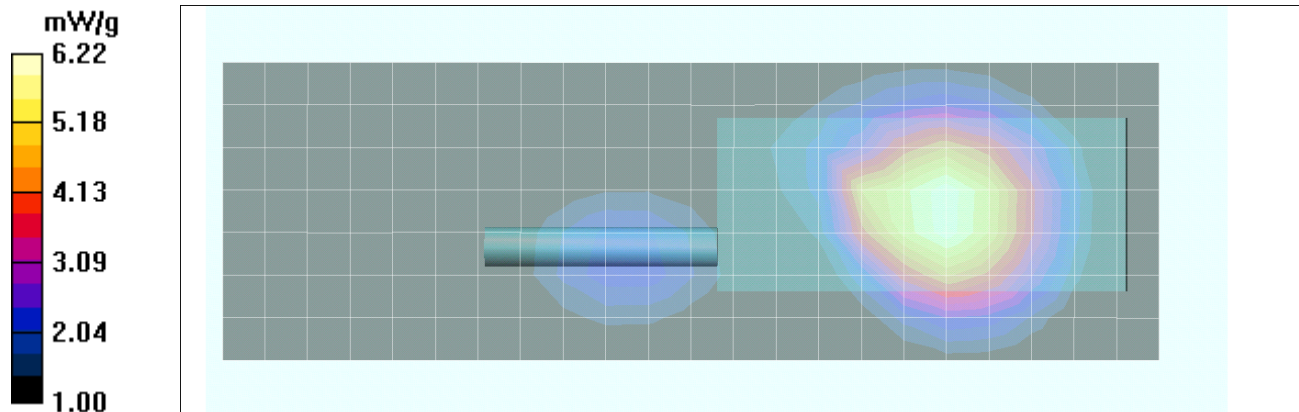
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 36.7 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 7.21 W/kg

SAR(1 g) = 5.90 mW/g; SAR(10 g) = 4.46 mW/g

Maximum value of SAR (measured) = 6.22 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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Audio Accessory SAR Plot #14 (A14)

Date Tested: 07/12/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.3°C; Barometric Pressure: 101.1 kPa; Humidity: 47%

Communication System: CW

Frequency: 869 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869 \text{ MHz}$; $\sigma = 0.978 \text{ mho/m}$; $\epsilon_r = 52.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 4.63 mW/g

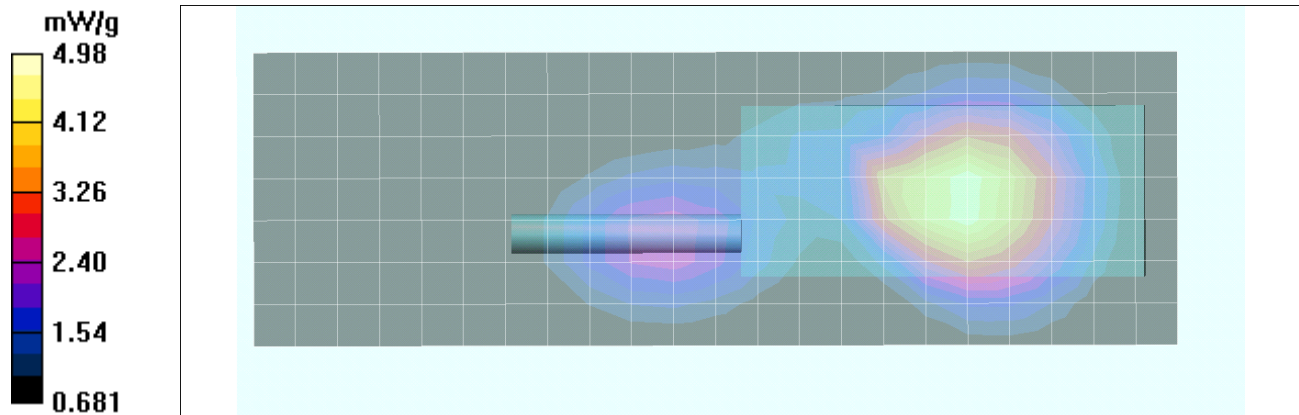
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 41.0 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 5.81 W/kg

SAR(1 g) = 4.72 mW/g; SAR(10 g) = 3.54 mW/g

Maximum value of SAR (measured) = 4.98 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver	Model:	P5500 (800)	806-824 / 851-869 MHz		
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Audio Accessory SAR Plot #15 (A15)

Date Tested: 07/12/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.3°C; Barometric Pressure: 101.1 kPa; Humidity: 47%

Communication System: CW

Frequency: 824 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 824 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 6.80 mW/g

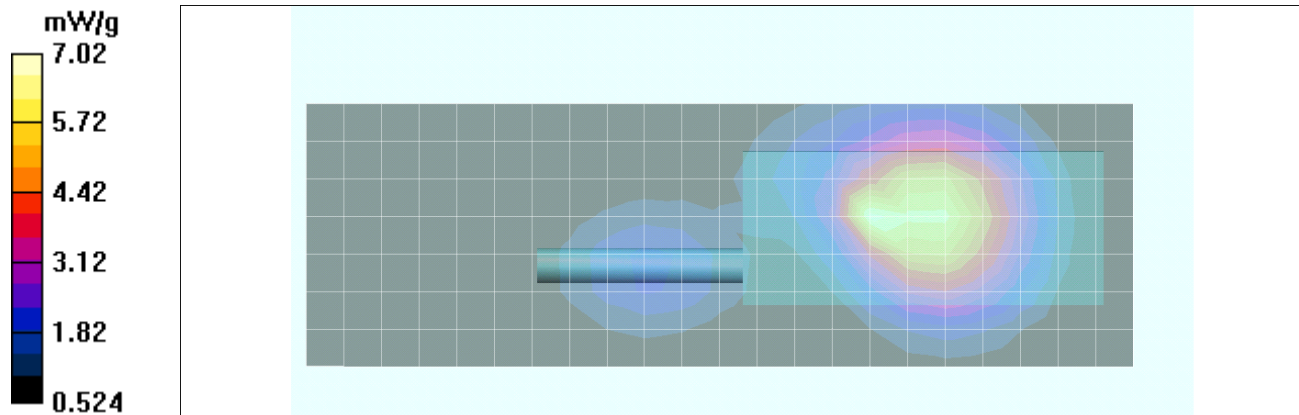
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.6 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 12.1 W/kg

SAR(1 g) = 6.45 mW/g; SAR(10 g) = 4.54 mW/g

Maximum value of SAR (measured) = 7.02 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver	Model:	P5500 (800)	806-824 / 851-869 MHz		
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Audio Accessory SAR Plot #16 (A16)

Date Tested: 07/12/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.3°C; Barometric Pressure: 101.1 kPa; Humidity: 47%

Communication System: CW

Frequency: 869 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869 \text{ MHz}$; $\sigma = 0.978 \text{ mho/m}$; $\epsilon_r = 52.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 4.72 mW/g

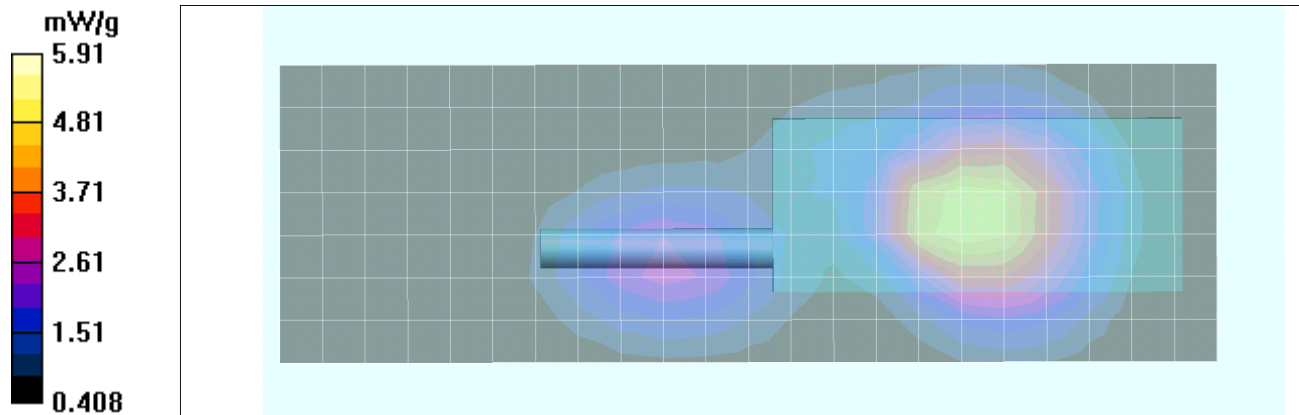
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.9 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 12.2 W/kg

SAR(1 g) = 5.40 mW/g; SAR(10 g) = 3.57 mW/g

Maximum value of SAR (measured) = 5.91 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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	<u>Test Report Issue Date</u> October 05, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Audio Accessory SAR Plot #17 (A17)

Date Tested: 07/12/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.3°C; Barometric Pressure: 101.1 kPa; Humidity: 47%

Communication System: CW

Frequency: 824 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 824 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 6.20 mW/g

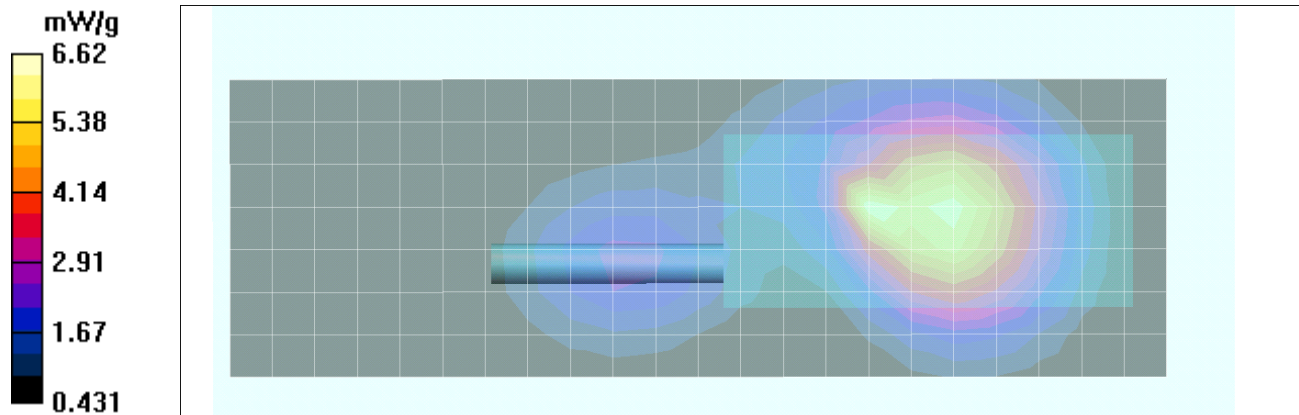
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 38.9 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 12.2 W/kg

SAR(1 g) = 5.98 mW/g; SAR(10 g) = 3.98 mW/g

Maximum value of SAR (measured) = 6.62 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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	<u>Test Report Issue Date</u> October 05, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Audio Accessory SAR Plot #18 (A18)

Date Tested: 07/12/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.3°C; Barometric Pressure: 101.1 kPa; Humidity: 47%

Communication System: CW

Frequency: 869 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869 \text{ MHz}$; $\sigma = 0.978 \text{ mho/m}$; $\epsilon_r = 52.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 4.51 mW/g

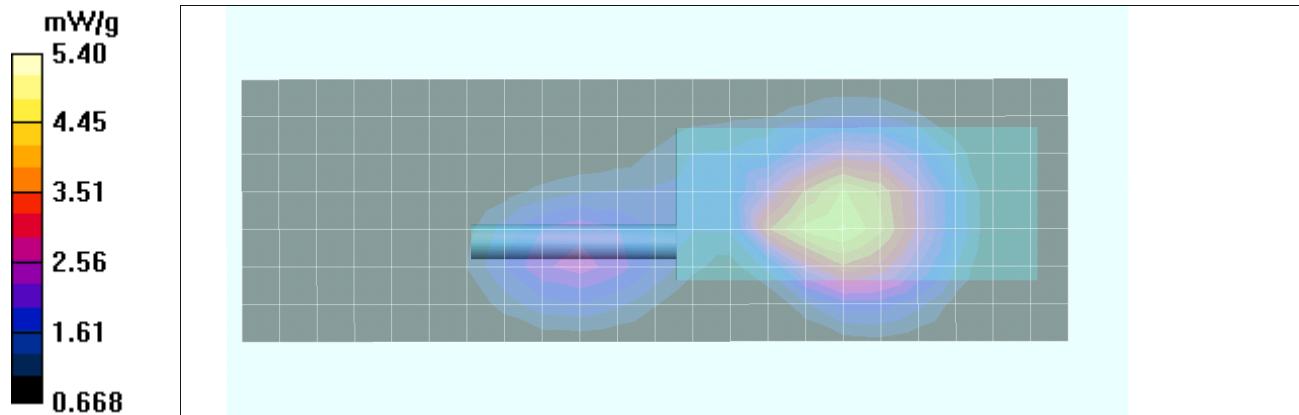
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 37.8 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 6.62 W/kg

SAR(1 g) = 4.97 mW/g; SAR(10 g) = 3.73 mW/g

Maximum value of SAR (measured) = 5.40 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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	<u>Test Report Issue Date</u> October 05, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Audio Accessory SAR Plot #19 (A19)

Date Tested: 07/12/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.3°C; Barometric Pressure: 101.1 kPa; Humidity: 47%

Communication System: CW

Frequency: 824 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 824 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 5.19 mW/g

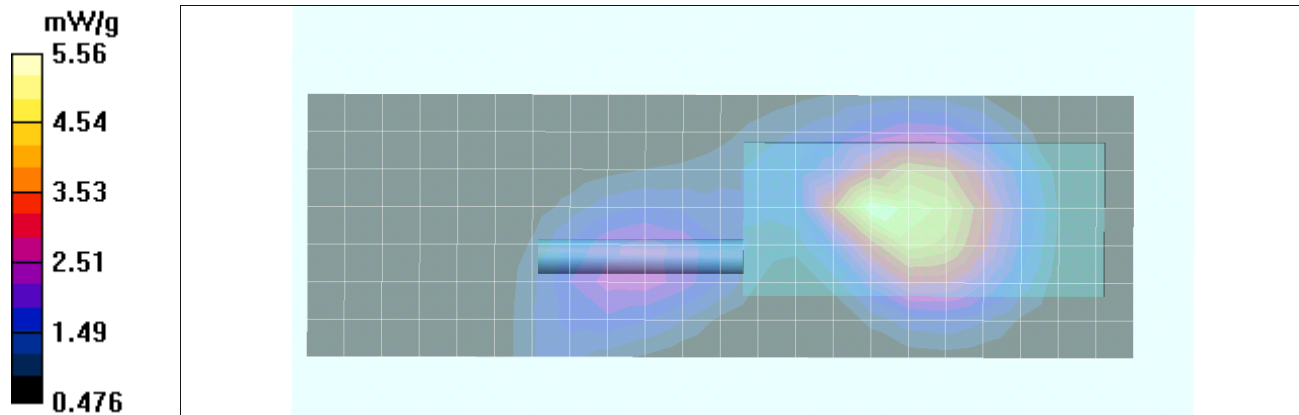
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 38.2 V/m; Power Drift = -0.168 dB

Peak SAR (extrapolated) = 10.4 W/kg

SAR(1 g) = 5.03 mW/g; SAR(10 g) = 3.4 mW/g

Maximum value of SAR (measured) = 5.56 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver	Model:	P5500 (800)	806-824 / 851-869 MHz		
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	<u>Test Report Issue Date</u> October 05, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Test Lab Certificate No. 2470.01

Audio Accessory SAR Plot #20 (A20)

Date Tested: 07/12/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.3°C; Barometric Pressure: 101.1 kPa; Humidity: 47%

Communication System: CW

Frequency: 869 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869 \text{ MHz}$; $\sigma = 0.978 \text{ mho/m}$; $\epsilon_r = 52.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 3.66 mW/g

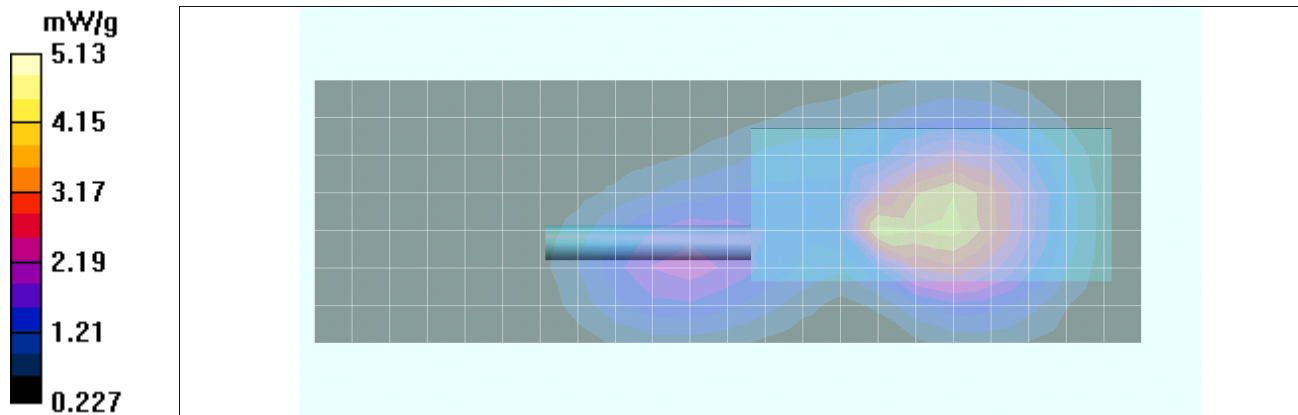
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 39.7 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 11.5 W/kg

SAR(1 g) = 4.66 mW/g; SAR(10 g) = 2.74 mW/g

Maximum value of SAR (measured) = 5.13 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver	Model:	P5500 (800)	806-824 / 851-869 MHz		
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	<u>Test Report Issue Date</u> October 05, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Audio Accessory SAR Plot #21 (A21)

Date Tested: 07/12/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.3°C; Barometric Pressure: 101.1 kPa; Humidity: 47%

Communication System: CW

Frequency: 824 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 824 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 6.73 mW/g

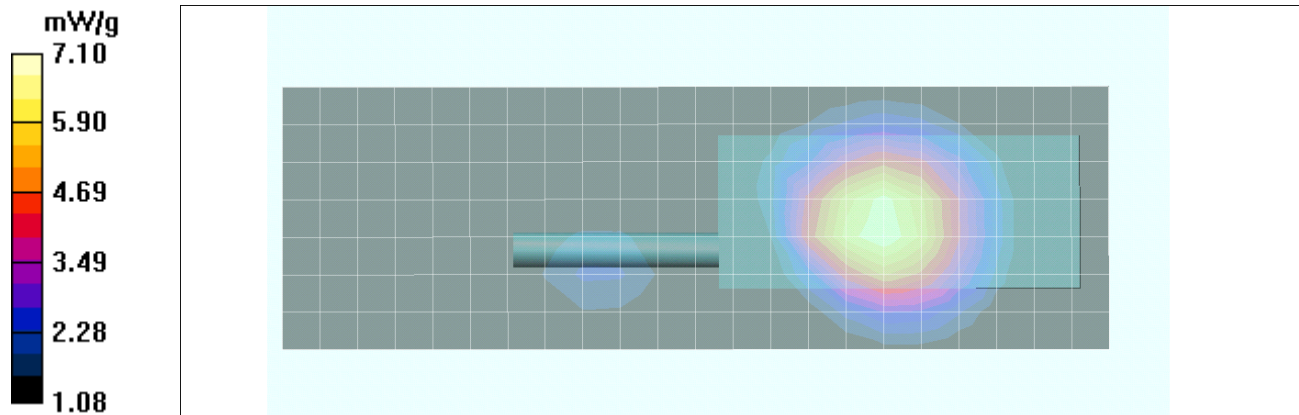
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.1 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 8.07 W/kg

SAR(1 g) = 6.72 mW/g; SAR(10 g) = 5.09 mW/g

Maximum value of SAR (measured) = 7.10 mW/g

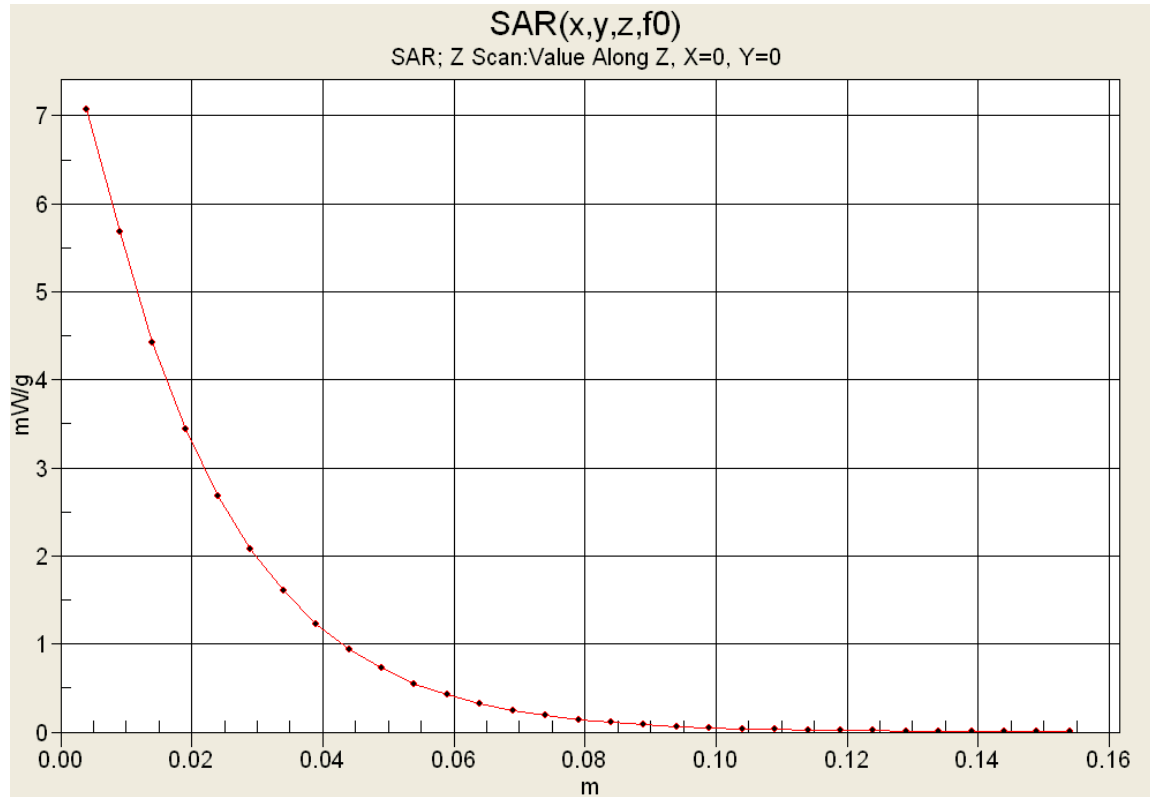


Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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	Test Report Issue Date October 05, 2011	Description of Test(s) Specific Absorption Rate	RF Exposure Category Occupational (Controlled)	

Test Lab Certificate No. 2470.01

Z-Axis Scan



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver		Model:	P5500 (800)	806-824 / 851-869 MHz	
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	<u>Test Report Issue Date</u> October 05, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Audio Accessory SAR Plot #22 (A22)

Date Tested: 07/12/2011

DUT: Harris P5500 (800); Type: Portable 800-Band PTT Radio Transceiver; Serial: Re-8T-004

Ambient Temp: 22.0°C; Fluid Temp: 21.3°C; Barometric Pressure: 101.1 kPa; Humidity: 47%

Communication System: CW

Frequency: 869 MHz; Duty Cycle: 1:1

Medium: M835 Medium parameters used (interpolated): $f = 869 \text{ MHz}$; $\sigma = 0.978 \text{ mho/m}$; $\epsilon_r = 52.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(6.37, 6.37, 6.37); Calibrated: 22/06/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn SAR - 1.2 cm Leather Case Spacing from Back of DUT to Planar Phantom

Area Scan (8x23x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 4.76 mW/g

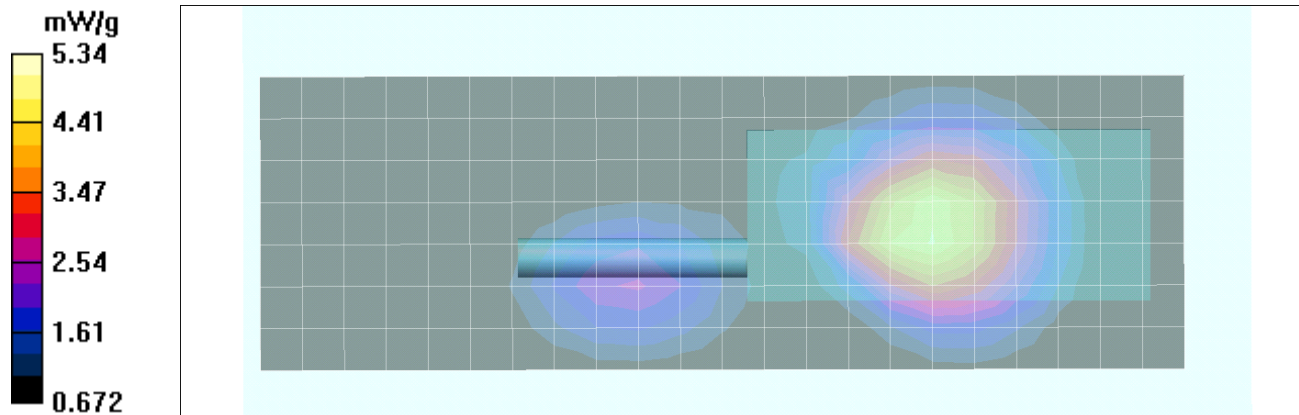
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 33.2 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 6.33 W/kg

SAR(1 g) = 4.91 mW/g; SAR(10 g) = 3.69 mW/g

Maximum value of SAR (measured) = 5.34 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0066-E	IC:	3636B-0066	
DUT Type:	Portable 800-Band PTT Radio Transceiver	Model:	P5500 (800)	806-824 / 851-869 MHz		
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