

 <b>Celltech</b> <small>Testing and Engineering Services Ltd</small>	<u>Date(s) of Evaluation</u> August 17, 2011	<u>Test Report Serial No.</u> 063011OWD-T1107S-C2PC	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 <b>IAC-MRA</b>  <b>ACCREDITED</b>
	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Test Lab Certificate No. 2470.01

## APPENDIX A - SAR MEASUREMENT DATA

<b>Applicant:</b>	<b>HARRIS Corporation</b>	<b>FCC ID:</b>	<b>OWDTR-0070-E</b>	<b>IC:</b>	<b>3636B-0070</b>	
<b>DUT Type:</b>	<b>Portable UHF-L PTT Radio Transceiver</b>	<b>Models:</b>	<b>XG-75 UHF-L System</b>		<b>XG-75 UHF-L Scan</b>	
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	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

## Face SAR Plot F1

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 430 MHz; Duty Cycle: 1:1

Medium: HSL450 Medium parameters used:  $f = 430$  MHz;  $\sigma = 0.85$  mho/m;  $\epsilon_r = 44.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 3.08 mW/g

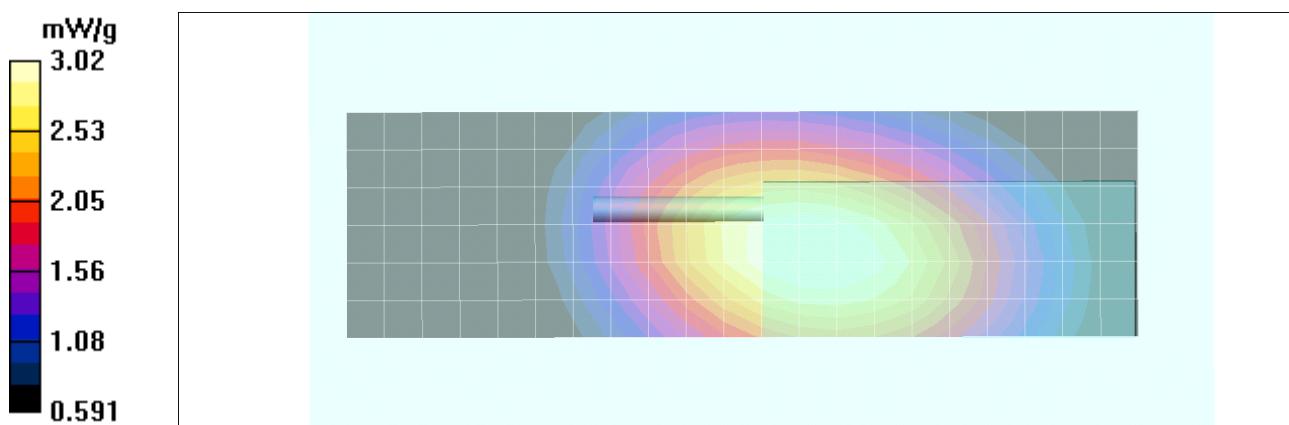
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 61.8 V/m; Power Drift = -0.407 dB

Peak SAR (extrapolated) = 3.94 W/kg

**SAR(1 g) = 2.9 mW/g; SAR(10 g) = 2.19 mW/g**

Maximum value of SAR (measured) = 3.02 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E		IC:	3636B-0070	 HARRIS
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System		XG-75 UHF-L Scan		

 Testing and Engineering Services Ltd.	<u>Date(s) of Evaluation</u> August 17, 2011	<u>Test Report Serial No.</u> 063011OWD-T1107S-C2PC	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 IAC-MRA
	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

## Face SAR Plot F2

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 430 MHz; Duty Cycle: 1:1

Medium: HSL450 Medium parameters used:  $f = 430$  MHz;  $\sigma = 0.85$  mho/m;  $\epsilon_r = 44.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.65 mW/g

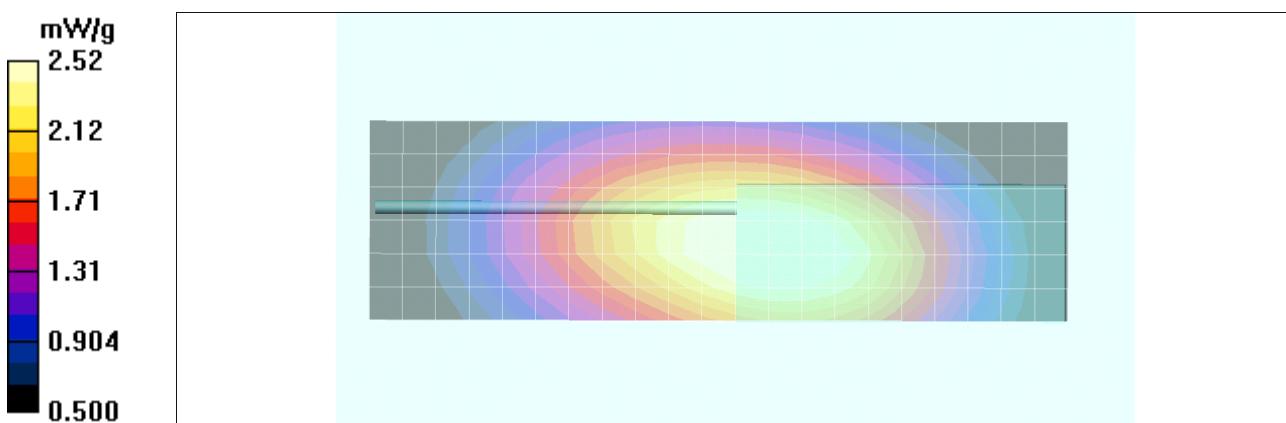
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 56.8 V/m; Power Drift = -0.414 dB

Peak SAR (extrapolated) = 3.29 W/kg

**SAR(1 g) = 2.42 mW/g; SAR(10 g) = 1.83 mW/g**

Maximum value of SAR (measured) = 2.52 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E		IC:	3636B-0070	
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System		XG-75 UHF-L Scan		

 Testing and Engineering Services Ltd	<u>Date(s) of Evaluation</u> August 17, 2011	<u>Test Report Serial No.</u> 063011OWD-T1107S-C2PC	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 IAC-MRA
	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

## Face SAR Plot F3

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 440 MHz; Duty Cycle: 1:1

Medium: HSL450 Medium parameters used:  $f = 440$  MHz;  $\sigma = 0.88$  mho/m;  $\epsilon_r = 44.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 3.33 mW/g

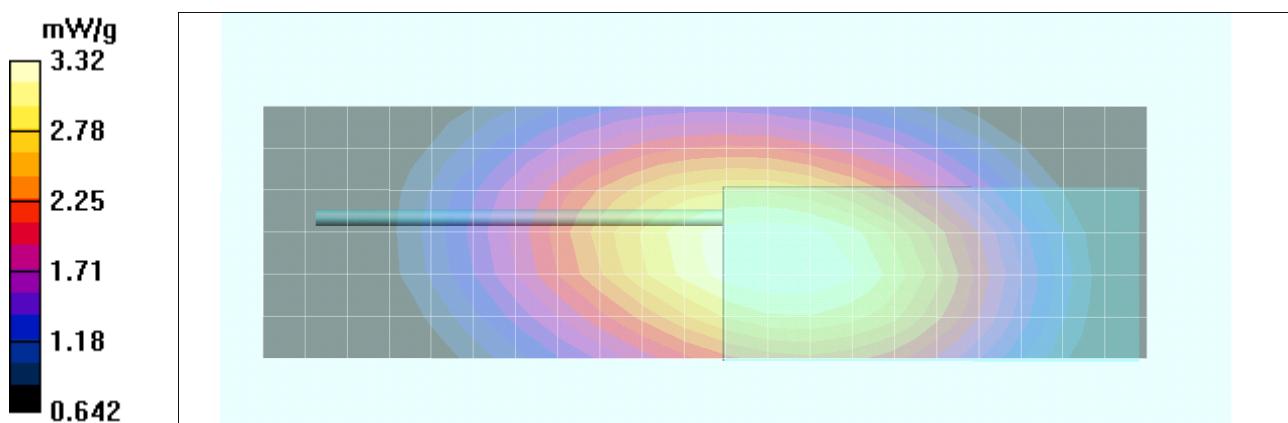
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 62.8 V/m; Power Drift = -0.287 dB

Peak SAR (extrapolated) = 4.33 W/kg

**SAR(1 g) = 3.18 mW/g; SAR(10 g) = 2.4 mW/g**

Maximum value of SAR (measured) = 3.32 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E		IC:	3636B-0070			
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System		XG-75 UHF-L Scan				
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	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

## Face SAR Plot F4

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 440 MHz; Duty Cycle: 1:1

Medium: HSL450 Medium parameters used:  $f = 440$  MHz;  $\sigma = 0.88$  mho/m;  $\epsilon_r = 44.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.15 mW/g

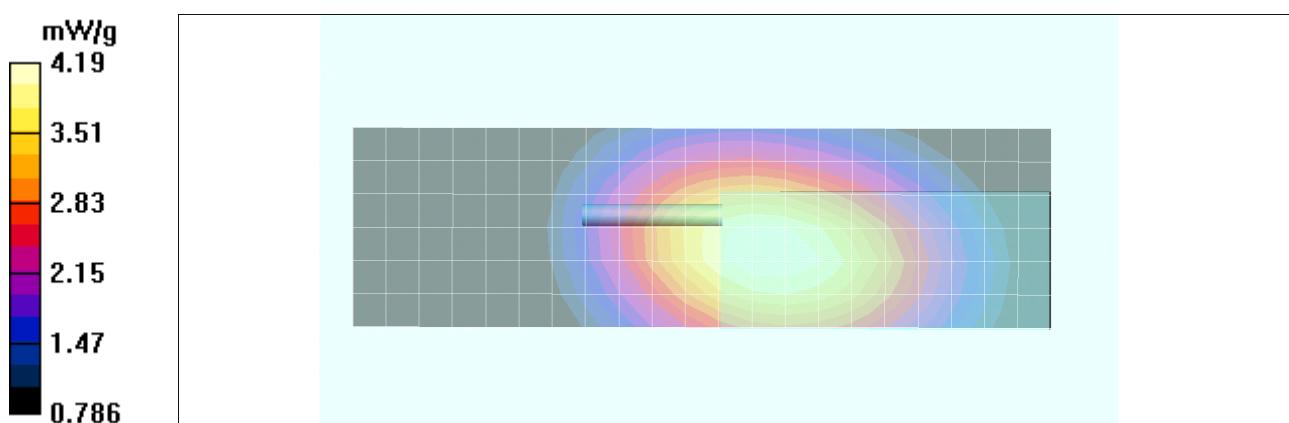
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 68.8 V/m; Power Drift = -0.185 dB

Peak SAR (extrapolated) = 5.47 W/kg

**SAR(1 g) = 4 mW/g; SAR(10 g) = 3 mW/g**

Maximum value of SAR (measured) = 4.19 mW/g

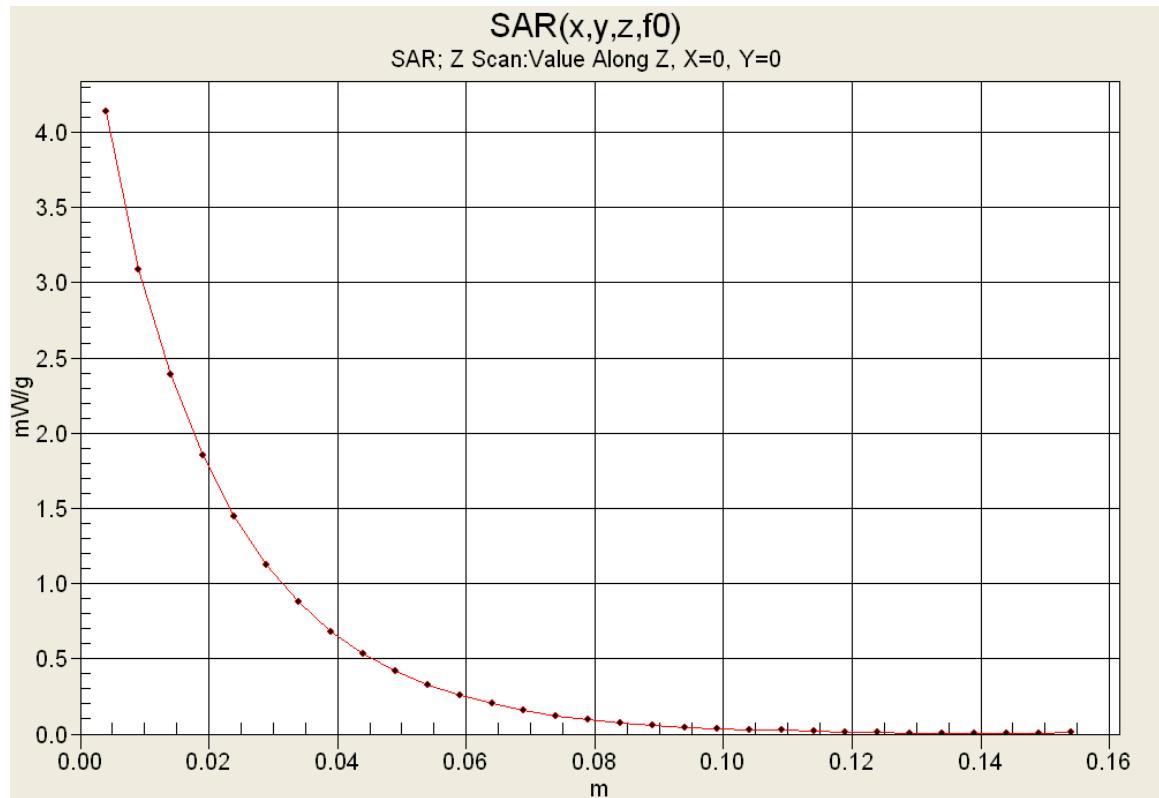


Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E		IC:	3636B-0070	
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System		XG-75 UHF-L Scan		

 Testing and Engineering Services Ltd.	<u>Date(s) of Evaluation</u> August 17, 2011	<u>Test Report Serial No.</u> 063011OWD-T1107S-C2PC	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 IAC-MRA
	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Test Lab Certificate No. 2470.01

## Z-Axis Scan



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E	IC:	3636B-0070	
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System	XG-75 UHF-L Scan		

 Testing and Engineering Services Ltd.	<u>Date(s) of Evaluation</u> August 17, 2011	<u>Test Report Serial No.</u> 063011OWD-T1107S-C2PC	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 IAC-MRA
	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

## Body SAR Plot B1

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 430 MHz; Duty Cycle: 1:1

Medium: M450 Medium parameters used:  $f = 430$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

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

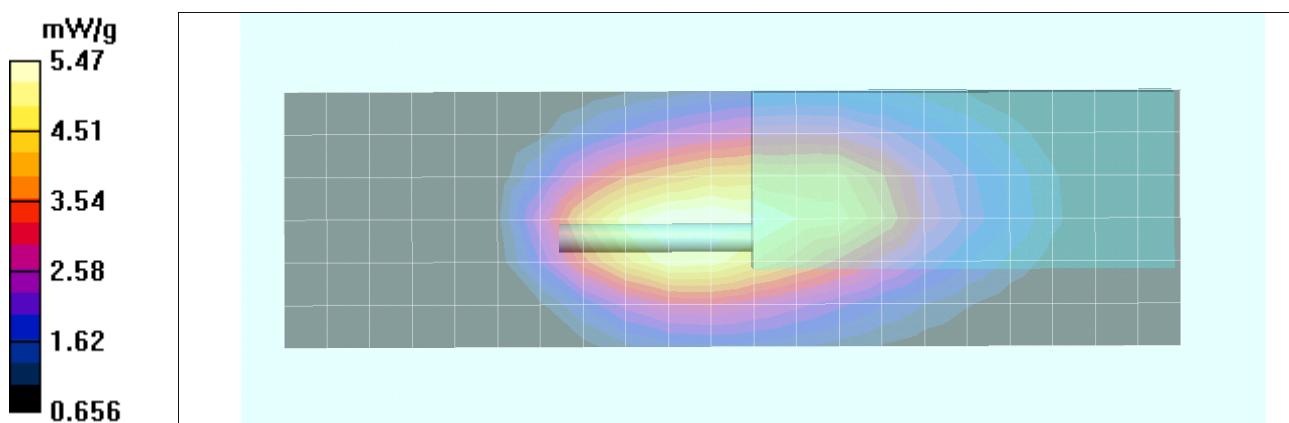
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 73.3 V/m; Power Drift = -0.500 dB

Peak SAR (extrapolated) = 7.94 W/kg

**SAR(1 g) = 5.19 mW/g; SAR(10 g) = 3.62 mW/g**

Maximum value of SAR (measured) = 5.47 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E		IC:	3636B-0070	 HARRIS			
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System		XG-75 UHF-L Scan					
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	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Test Lab Certificate No. 2470.01

## Body SAR Plot B2

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 418.05 MHz; Duty Cycle: 1:1

Medium: M450 Medium parameters used (interpolated):  $f = 418.05$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 7.27 mW/g

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

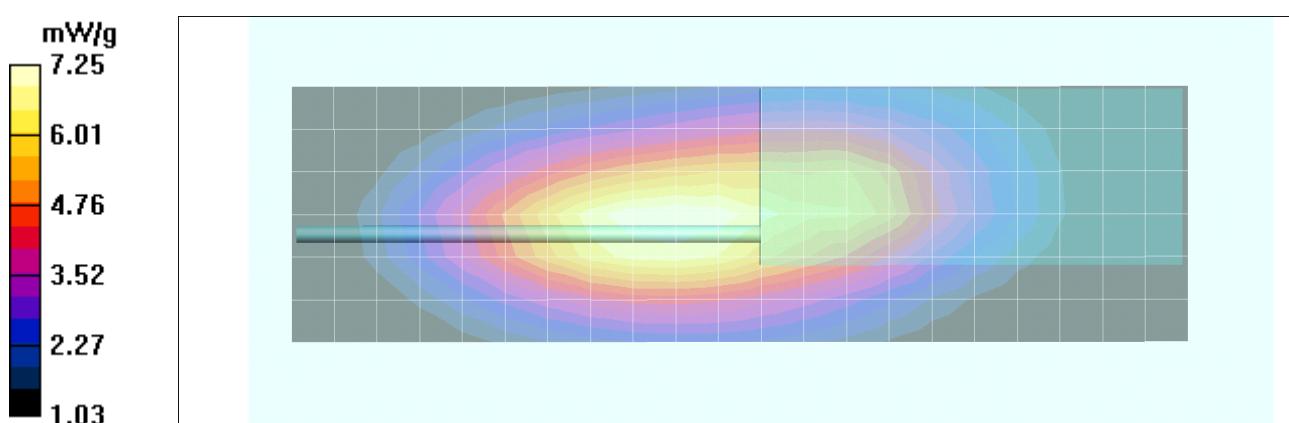
Reference Value = 82.3 V/m; Power Drift = -0.218 dB

Peak SAR (extrapolated) = 10.3 W/kg

**SAR(1 g) = 6.91 mW/g; SAR(10 g) = 4.89 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 7.25 mW/g



<b>Applicant:</b>	<b>HARRIS Corporation</b>	<b>FCC ID:</b>	<b>OWDTR-0070-E</b>	<b>IC:</b>	<b>3636B-0070</b>	
<b>DUT Type:</b>	<b>Portable UHF-L PTT Radio Transceiver</b>	<b>Models:</b>	<b>XG-75 UHF-L System</b>	<b>XG-75 UHF-L Scan</b>		

 Testing and Engineering Services Ltd	<u>Date(s) of Evaluation</u> August 17, 2011	<u>Test Report Serial No.</u> 063011OWD-T1107S-C2PC	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 IAC-MRA
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Test Lab Certificate No. 2470.01

## Body SAR Plot B3

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 455 MHz; Duty Cycle: 1:1

Medium: M450 Medium parameters used (interpolated):  $f = 455$  MHz;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 9.73 mW/g

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

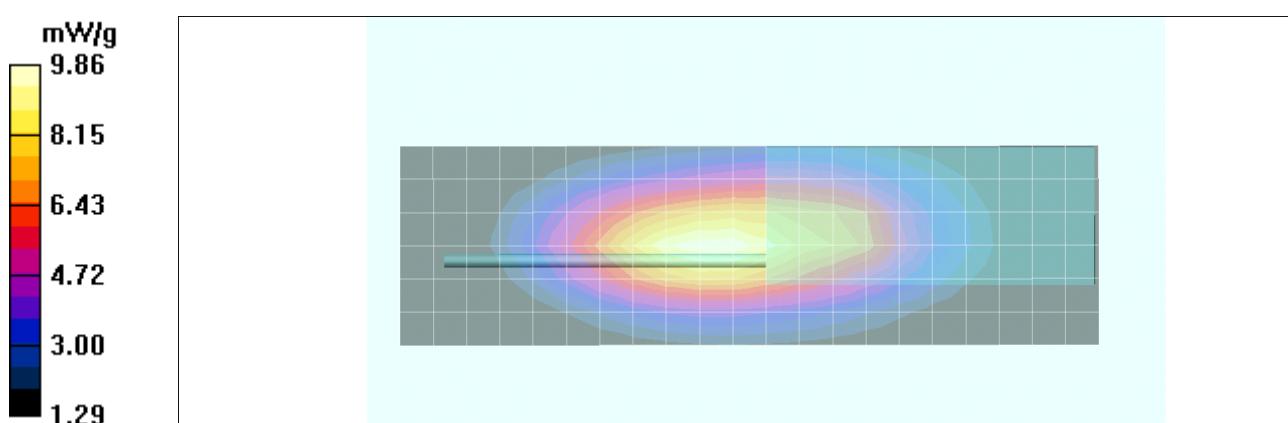
Reference Value = 94.7 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 14.1 W/kg

**SAR(1 g) = 9.37 mW/g; SAR(10 g) = 6.55 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 9.86 mW/g



<b>Applicant:</b>	<b>HARRIS Corporation</b>	<b>FCC ID:</b>	<b>OWDTR-0070-E</b>	<b>IC:</b>	<b>3636B-0070</b>	
<b>DUT Type:</b>	<b>Portable UHF-L PTT Radio Transceiver</b>	<b>Models:</b>	<b>XG-75 UHF-L System</b>	<b>XG-75 UHF-L Scan</b>		

 Testing and Engineering Services Ltd.	<u>Date(s) of Evaluation</u> August 17, 2011	<u>Test Report Serial No.</u> 063011OWD-T1107S-C2PC	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 IAC-MRA
	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Test Lab Certificate No. 2470.01

## Body SAR Plot B4

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 440 MHz; Duty Cycle: 1:1

Medium: M450 Medium parameters used:  $f = 440$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 10.2 mW/g

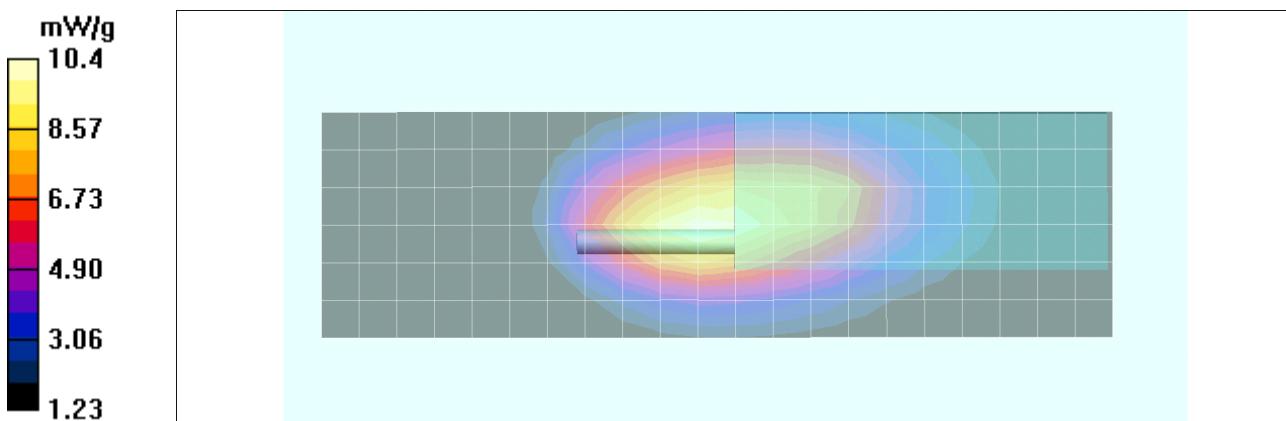
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 101.8 V/m; Power Drift = -0.180 dB

Peak SAR (extrapolated) = 15.0 W/kg

**SAR(1 g) = 9.9 mW/g; SAR(10 g) = 6.91 mW/g**

Maximum value of SAR (measured) = 10.4 mW/g

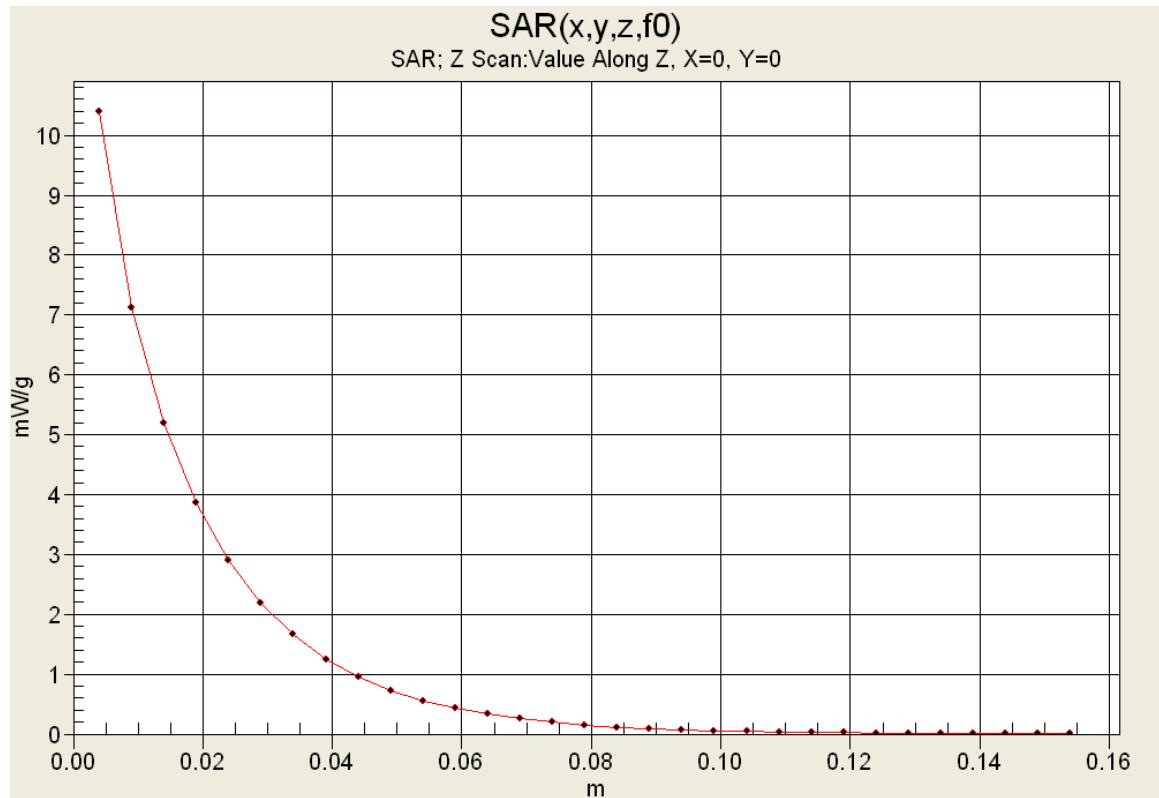


Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E		IC:	3636B-0070	
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System		XG-75 UHF-L Scan		

 Testing and Engineering Services Ltd.	<u>Date(s) of Evaluation</u> August 17, 2011	<u>Test Report Serial No.</u> 063011OWD-T1107S-C2PC	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 IAC-MRA
	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Test Lab Certificate No. 2470.01

## Z-Axis Scan



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E		IC:	3636B-0070			
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System		XG-75 UHF-L Scan				
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	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

## Body SAR Plot B5

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 430 MHz; Duty Cycle: 1:1

Medium: M450 Medium parameters used:  $f = 430$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

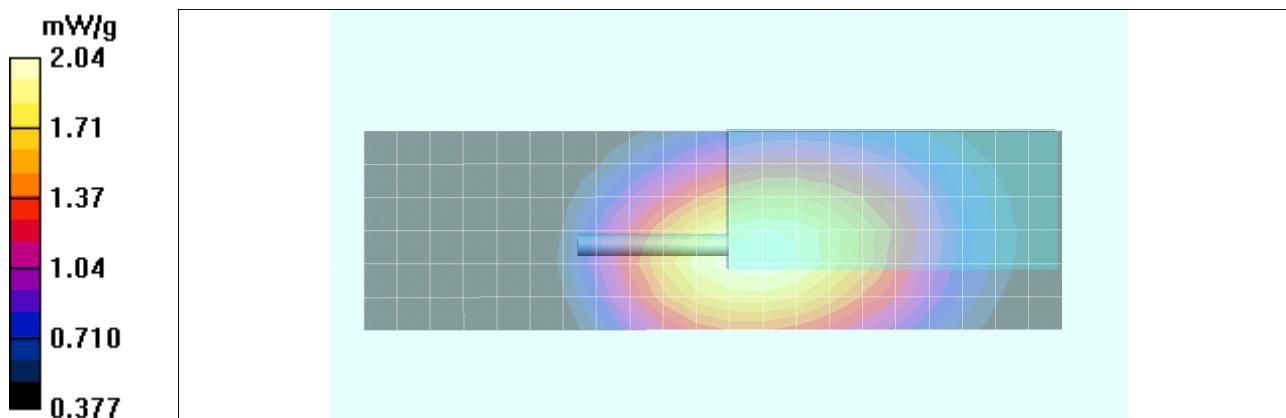
Maximum value of SAR (measured) = 2.04 mW/g

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 43.8 V/m; Power Drift = -0.374 dB

Peak SAR (extrapolated) = 2.74 W/kg

**SAR(1 g) = 1.96 mW/g; SAR(10 g) = 1.46 mW/g**



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E		IC:	3636B-0070			
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System		XG-75 UHF-L Scan				
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 Testing and Engineering Services Ltd	<u>Date(s) of Evaluation</u> August 17, 2011	<u>Test Report Serial No.</u> 063011OWD-T1107S-C2PC	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 IAC-MRA ACCREDITED
	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

## Body SAR Plot B6

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 430 MHz; Duty Cycle: 1:1

Medium: M450 Medium parameters used:  $f = 430$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.88 mW/g

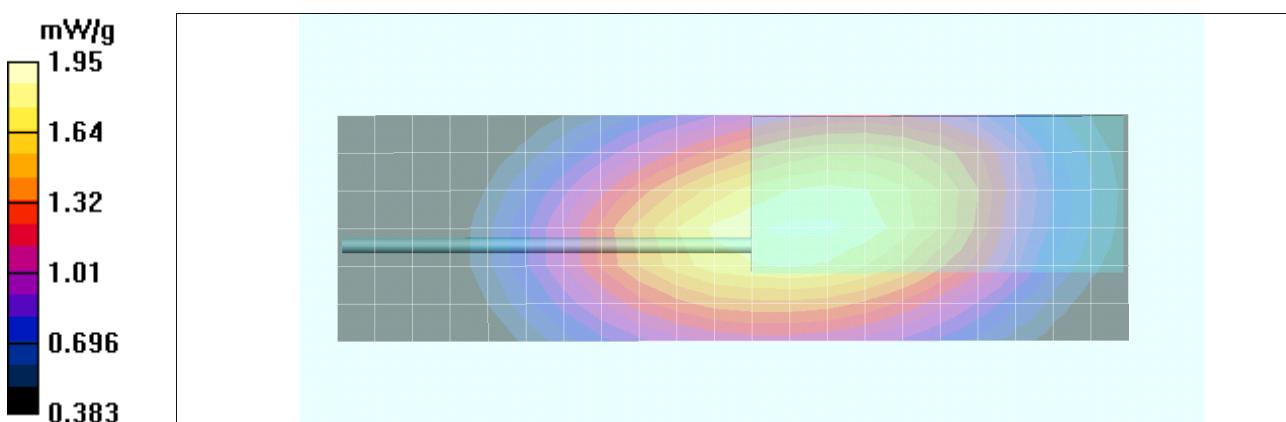
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 45.4 V/m; Power Drift = -0.087 dB

Peak SAR (extrapolated) = 2.60 W/kg

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

Maximum value of SAR (measured) = 1.95 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E		IC:	3636B-0070			
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System		XG-75 UHF-L Scan				
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	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

## Body SAR Plot B7

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 440 MHz; Duty Cycle: 1:1

Medium: M450 Medium parameters used:  $f = 440$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.50 mW/g

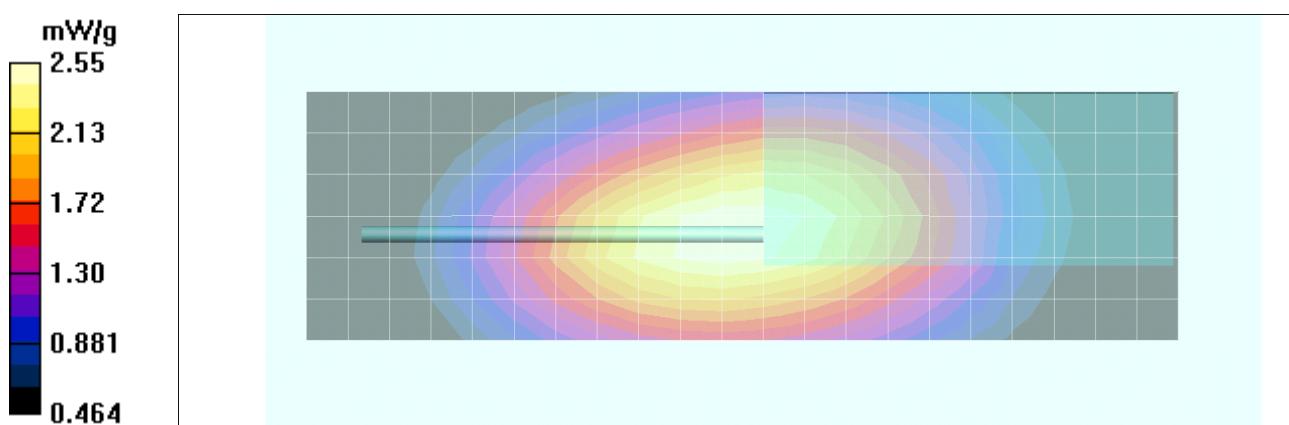
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 50.0 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 3.46 W/kg

**SAR(1 g) = 2.45 mW/g; SAR(10 g) = 1.82 mW/g**

Maximum value of SAR (measured) = 2.55 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E		IC:	3636B-0070	 HARRIS			
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System		XG-75 UHF-L Scan					
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 Testing and Engineering Services Ltd.	<u>Date(s) of Evaluation</u> August 17, 2011	<u>Test Report Serial No.</u> 063011OWD-T1107S-C2PC	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 IAC-MRA
	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

## Body SAR Plot B8

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 440 MHz; Duty Cycle: 1:1

Medium: M450 Medium parameters used:  $f = 440$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 3.08 mW/g

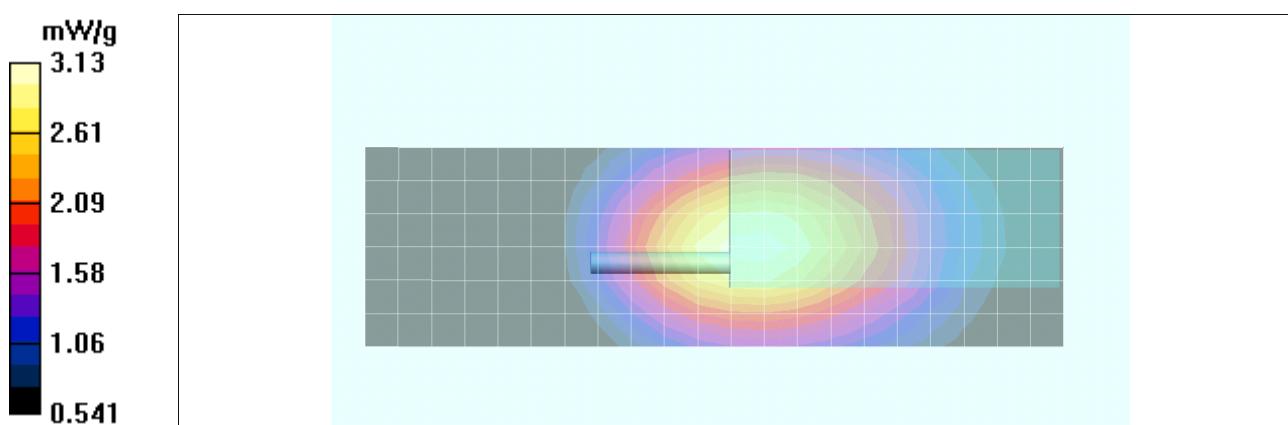
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 56.9 V/m; Power Drift = -0.191 dB

Peak SAR (extrapolated) = 4.24 W/kg

**SAR(1 g) = 3 mW/g; SAR(10 g) = 2.22 mW/g**

Maximum value of SAR (measured) = 3.13 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E		IC:	3636B-0070			
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System		XG-75 UHF-L Scan				
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	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

## Body SAR Plot B9

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 430 MHz; Duty Cycle: 1:1

Medium: M450 Medium parameters used:  $f = 430$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.27 mW/g

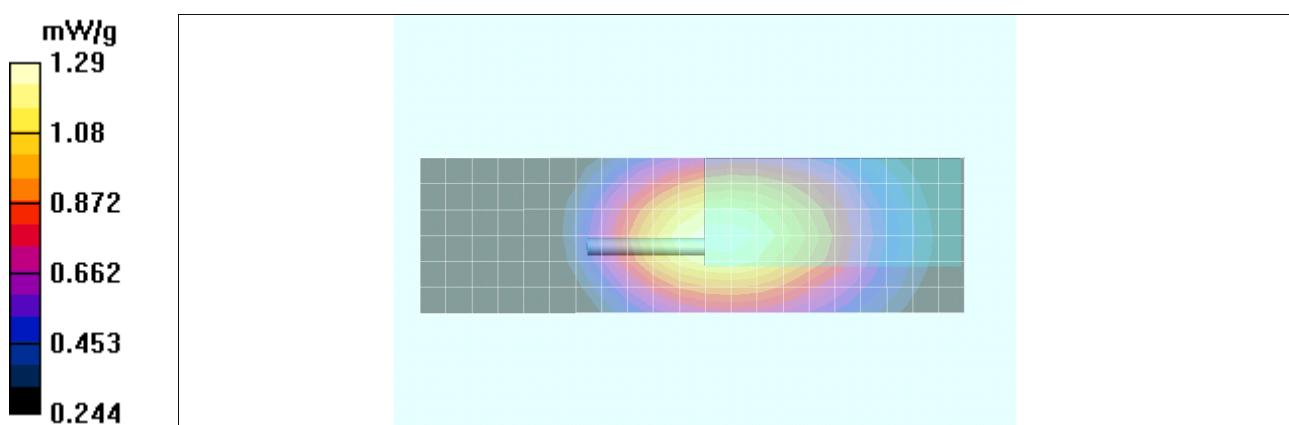
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 38.4 V/m; Power Drift = -0.385 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.938 mW/g**

Maximum value of SAR (measured) = 1.29 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E		IC:	3636B-0070	
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System		XG-75 UHF-L Scan		

 Testing and Engineering Services Ltd.	<u>Date(s) of Evaluation</u> August 17, 2011	<u>Test Report Serial No.</u> 063011OWD-T1107S-C2PC	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 IAC-MRA
	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

## Body SAR Plot B10

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 430 MHz; Duty Cycle: 1:1

Medium: M450 Medium parameters used:  $f = 430$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.57 mW/g

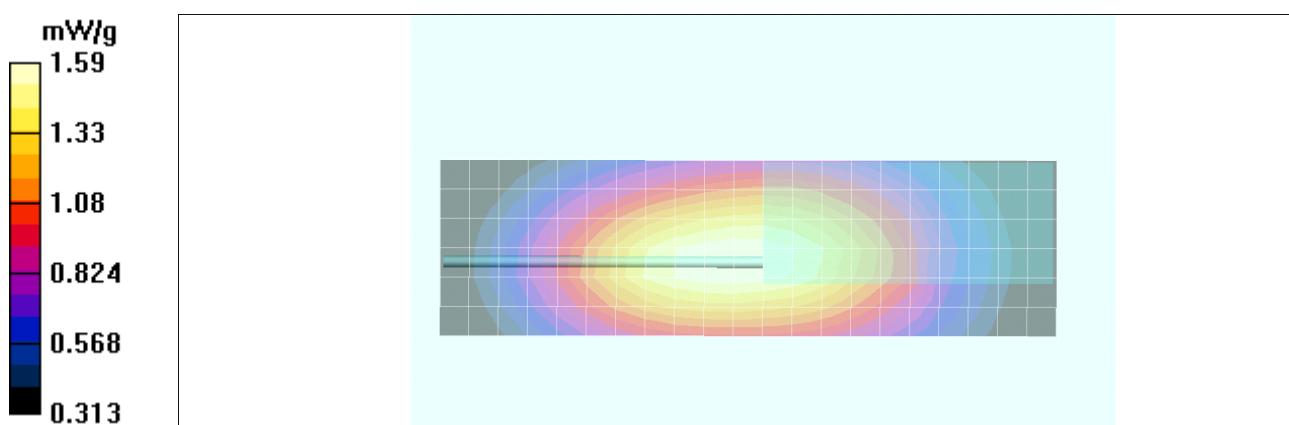
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 41.4 V/m; Power Drift = -0.350 dB

Peak SAR (extrapolated) = 2.13 W/kg

**SAR(1 g) = 1.52 mW/g; SAR(10 g) = 1.15 mW/g**

Maximum value of SAR (measured) = 1.59 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E		IC:	3636B-0070			
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System		XG-75 UHF-L Scan				
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	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Test Lab Certificate No. 2470.01

## Body SAR Plot B11

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 440 MHz; Duty Cycle: 1:1

Medium: M450 Medium parameters used:  $f = 440$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

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

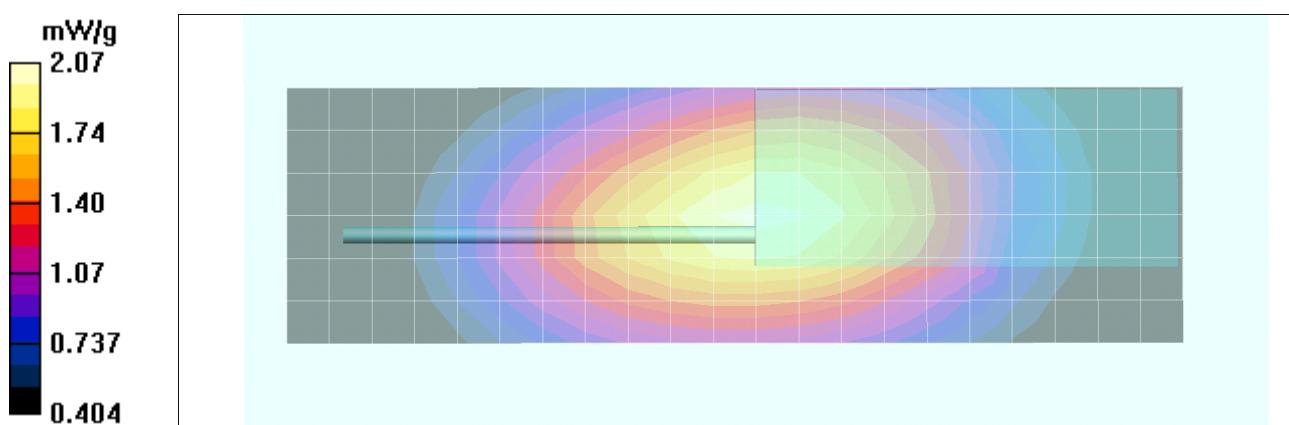
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 46.7 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 2.76 W/kg

**SAR(1 g) = 1.99 mW/g; SAR(10 g) = 1.5 mW/g**

Maximum value of SAR (measured) = 2.07 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E		IC:	3636B-0070	
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System		XG-75 UHF-L Scan		

 Testing and Engineering Services Ltd	<u>Date(s) of Evaluation</u> August 17, 2011	<u>Test Report Serial No.</u> 063011OWD-T1107S-C2PC	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 IAC-MRA
	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Test Lab Certificate No. 2470.01

## Body SAR Plot B12

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 440 MHz; Duty Cycle: 1:1

Medium: M450 Medium parameters used:  $f = 440$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.14 mW/g

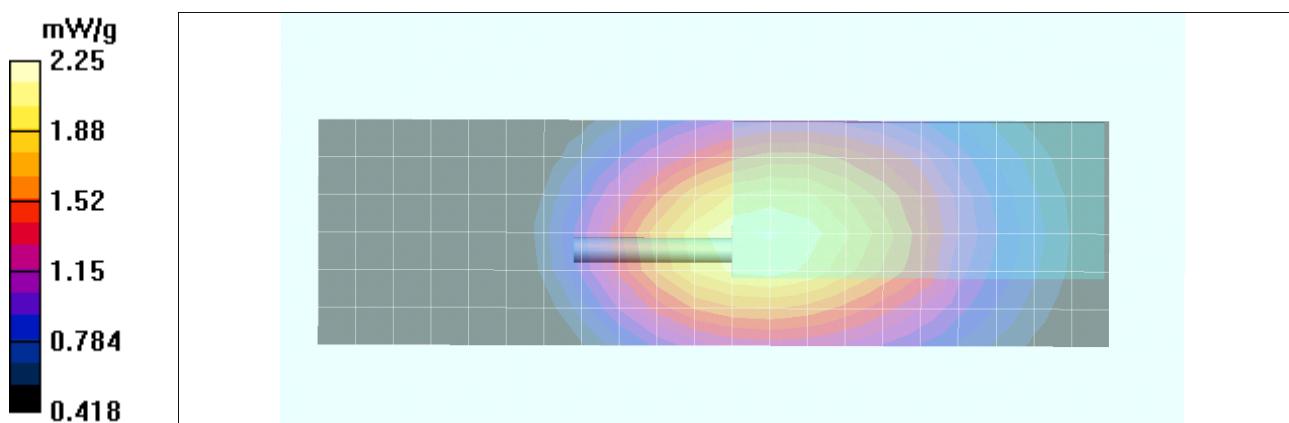
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 47.6 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 3.01 W/kg

**SAR(1 g) = 2.16 mW/g; SAR(10 g) = 1.63 mW/g**

Maximum value of SAR (measured) = 2.25 mW/g



<b>Applicant:</b>	HARRIS Corporation	<b>FCC ID:</b>	OWDTR-0070-E		<b>IC:</b>	3636B-0070	
<b>DUT Type:</b>	Portable UHF-L PTT Radio Transceiver	<b>Models:</b>	XG-75 UHF-L System		<b>XG-75 UHF-L Scan</b>		

 <b>Celltech</b> <small>Testing and Engineering Services Ltd.</small>	<u>Date(s) of Evaluation</u> August 17, 2011	<u>Test Report Serial No.</u> 063011OWD-T1107S-C2PC	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 <b>ilac-MRA</b>  <b>ACCREDITED</b>
	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

## Body SAR Plot B13

Date Tested: 08/17/2011

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

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

## Communication System: CW

Frequency: 430 MHz; Duty Cycle: 1:1

Medium: M450 Medium parameters used:  $f = 430 \text{ MHz}$ ;  $\sigma = 0.9 \text{ mho/m}$ ;  $\epsilon_r = 57$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.65 mW/g

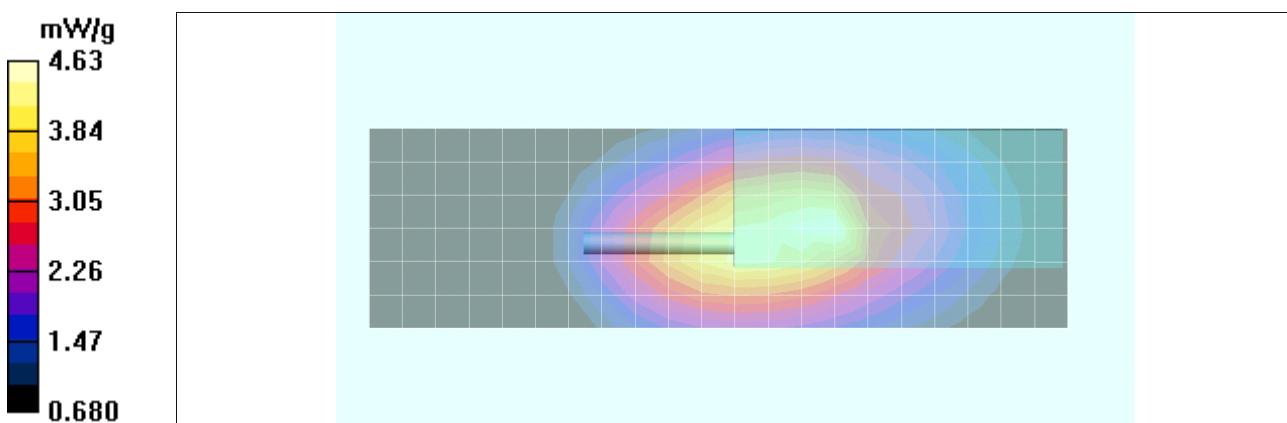
**Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm**

Reference Value = 65.9 V/m; Power Drift = -0.634 dB

Peak SAR (extrapolated) = 7.30 W/kg

**SAR(1 g) = 4.38 mW/g; SAR(10 g) = 3.01 mW/g**

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



<b>Applicant:</b>	<b>HARRIS Corporation</b>	<b>FCC ID:</b>	<b>OWDTR-0070-E</b>	<b>IC:</b>	<b>3636B-0070</b>	
<b>DUT Type:</b>	<b>Portable UHF-L PTT Radio Transceiver</b>		<b>Models:</b>	<b>XG-75 UHF-L System</b>	<b>XG-75 UHF-L Scan</b>	
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 Testing and Engineering Services Ltd	<u>Date(s) of Evaluation</u> August 17, 2011	<u>Test Report Serial No.</u> 063011OWD-T1107S-C2PC	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 IAC-MRA
	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

## Body SAR Plot B14

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 430 MHz; Duty Cycle: 1:1

Medium: M450 Medium parameters used:  $f = 430$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 3.53 mW/g

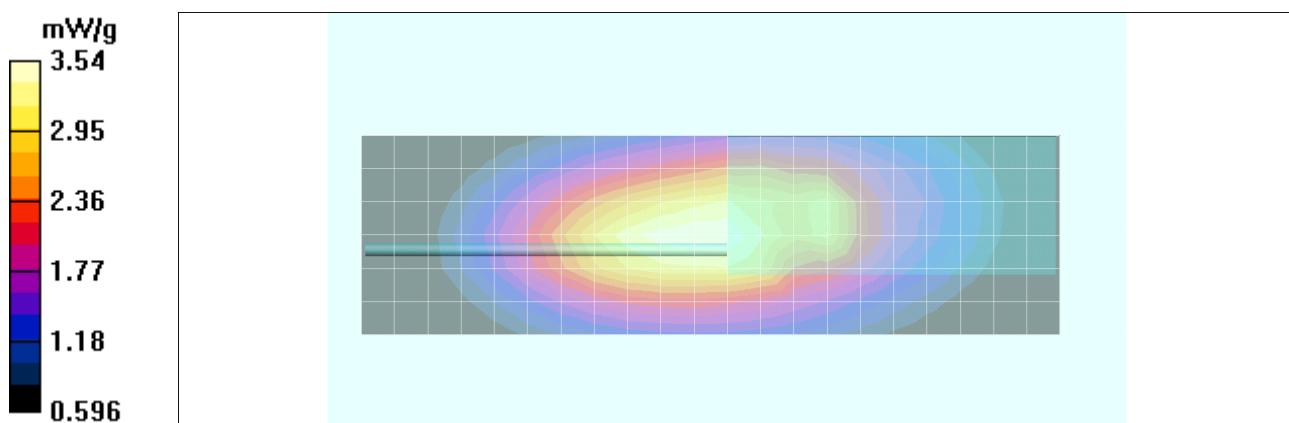
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 62.0 V/m; Power Drift = -0.199 dB

Peak SAR (extrapolated) = 5.03 W/kg

**SAR(1 g) = 3.4 mW/g; SAR(10 g) = 2.48 mW/g**

Maximum value of SAR (measured) = 3.54 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E		IC:	3636B-0070	
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System		XG-75 UHF-L Scan		

 Testing and Engineering Services Ltd	<u>Date(s) of Evaluation</u> August 17, 2011	<u>Test Report Serial No.</u> 063011OWD-T1107S-C2PC	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 IAC-MRA
	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

## Body SAR Plot B15

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 440 MHz; Duty Cycle: 1:1

Medium: M450 Medium parameters used:  $f = 440$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 5.15 mW/g

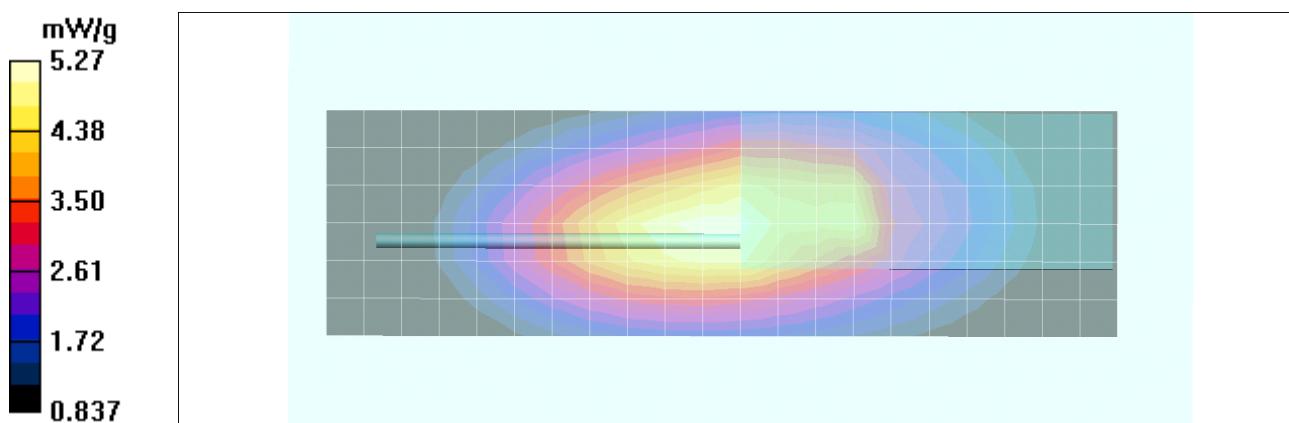
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 72.0 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 7.35 W/kg

**SAR(1 g) = 5.04 mW/g; SAR(10 g) = 3.66 mW/g**

Maximum value of SAR (measured) = 5.27 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E		IC:	3636B-0070			
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System		XG-75 UHF-L Scan				
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 Testing and Engineering Services Ltd	<u>Date(s) of Evaluation</u> August 17, 2011	<u>Test Report Serial No.</u> 063011OWD-T1107S-C2PC	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 IAC-MRA
	<u>Test Report Issue Date</u> October 07, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

## Body SAR Plot B16

Date Tested: 08/17/2011

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

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

Communication System: CW

Frequency: 440 MHz; Duty Cycle: 1:1

Medium: M450 Medium parameters used:  $f = 440$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Area Scan (7x22x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.57 mW/g

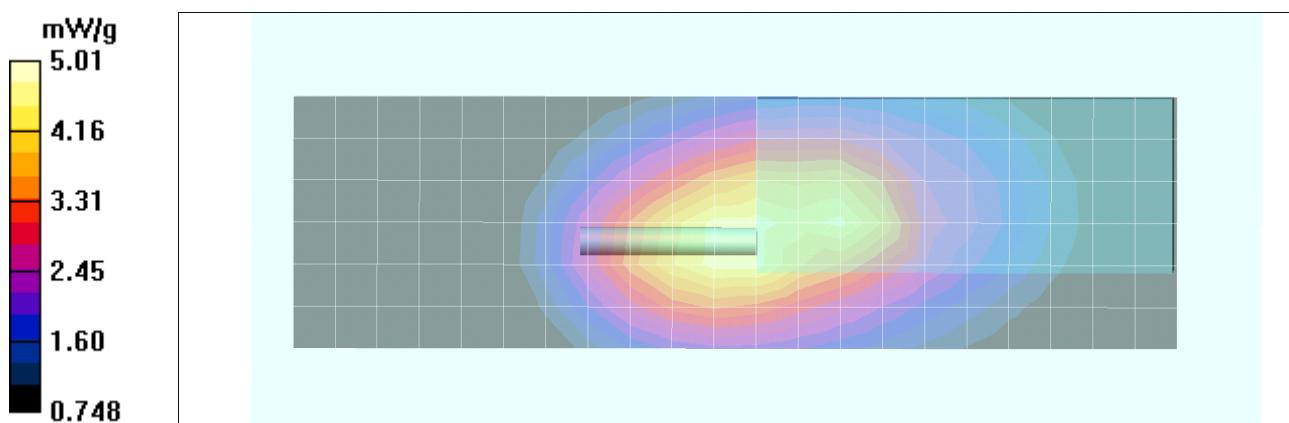
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 68.8 V/m; Power Drift = -0.169 dB

Peak SAR (extrapolated) = 7.02 W/kg

**SAR(1 g) = 4.74 mW/g; SAR(10 g) = 3.42 mW/g**

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



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0070-E		IC:	3636B-0070	
DUT Type:	Portable UHF-L PTT Radio Transceiver	Models:	XG-75 UHF-L System		XG-75 UHF-L Scan		