

	<u>Date(s) of Evaluation</u> October 04-17, 2011	<u>Test Report Serial No.</u> 090211OWD-T1114-S90V	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B37

Date Tested: 10/6/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 34%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4$ MHz; $\sigma = 0.783$ mho/m; $\epsilon_r = 64.2$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.656 mW/g

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

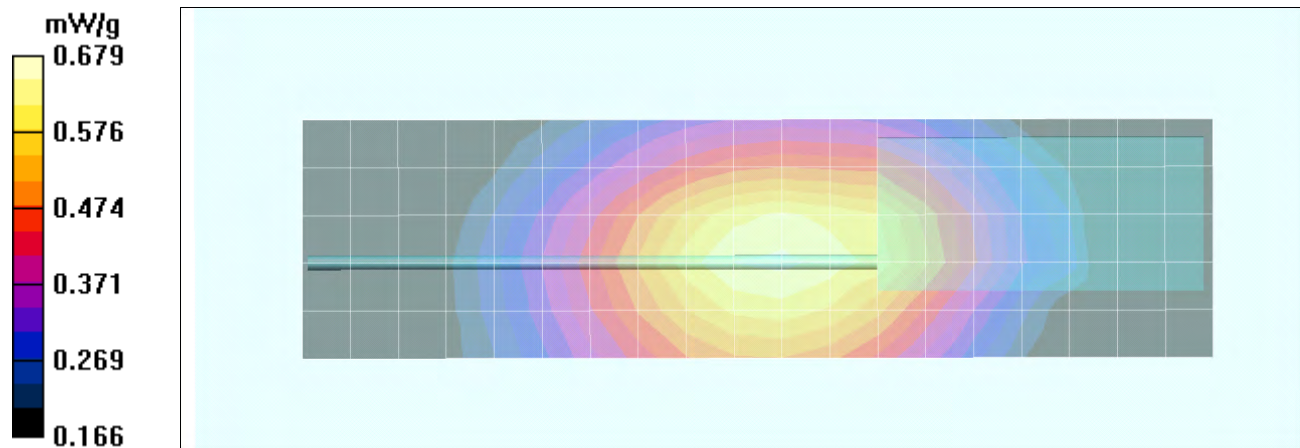
Reference Value = 28.3 V/m; Power Drift = -0.302 dB

Peak SAR (extrapolated) = 0.927 W/kg

SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.495 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.679 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B38

Date Tested: 10/11/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 20.3C; Barometric Pressure: 101.1 kPa; Humidity: 37%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4 \text{ MHz}$; $\sigma = 0.77 \text{ mho/m}$; $\epsilon_r = 62.7$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.887 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

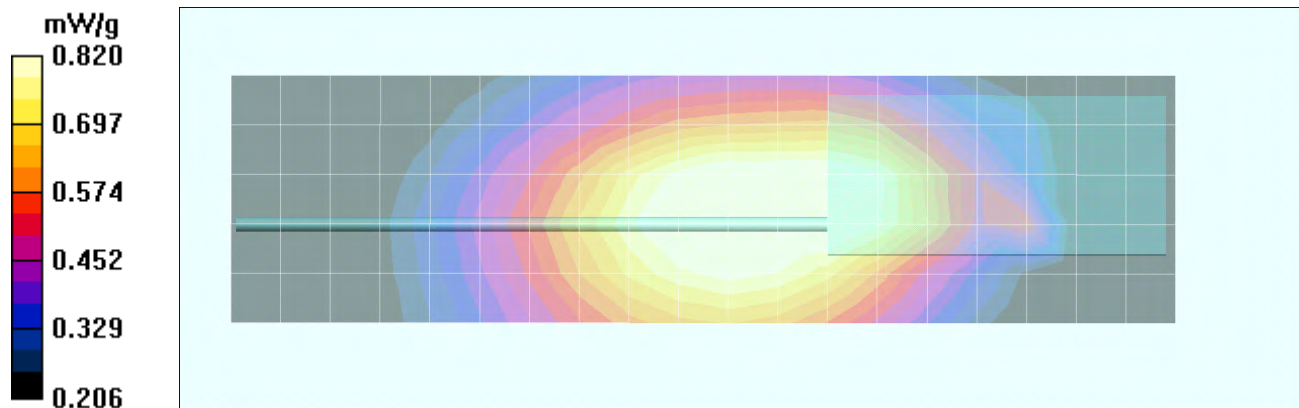
Reference Value = 31.4 V/m; Power Drift = -0.413 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.792 mW/g; SAR(10 g) = 0.613 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.820 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B39

Date Tested: 10/11/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 20.3C; Barometric Pressure: 101.1 kPa; Humidity: 37%

Communication System: CW

Frequency: 144 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 144 \text{ MHz}$; $\sigma = 0.77 \text{ mho/m}$; $\epsilon_r = 64.3$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.680 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

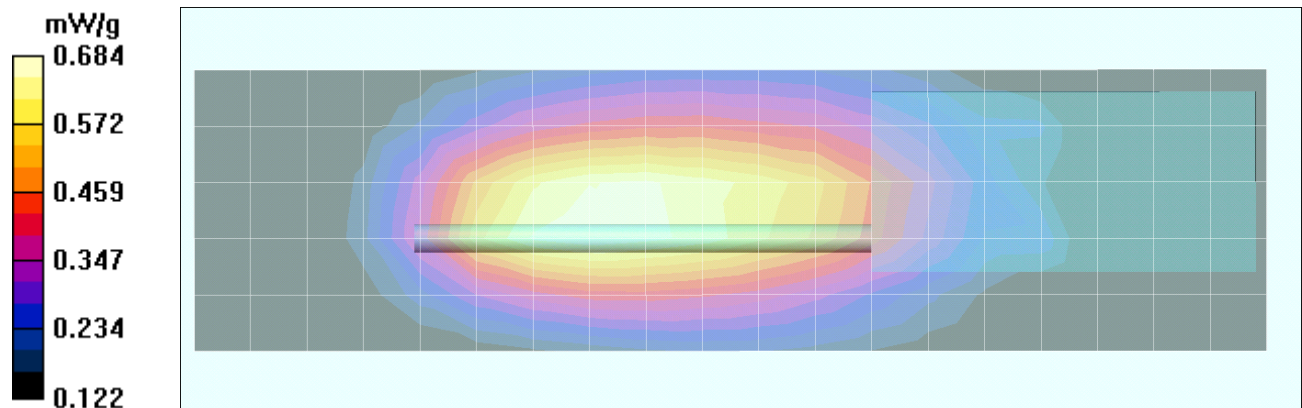
Reference Value = 24.2 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.477 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.684 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 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 B40

Date Tested: 10/11/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 20.3C; Barometric Pressure: 101.1 kPa; Humidity: 37%

Communication System: CW

Frequency: 156.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 156.4$ MHz; $\sigma = 0.776$ mho/m; $\epsilon_r = 62.5$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 2.13 mW/g

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

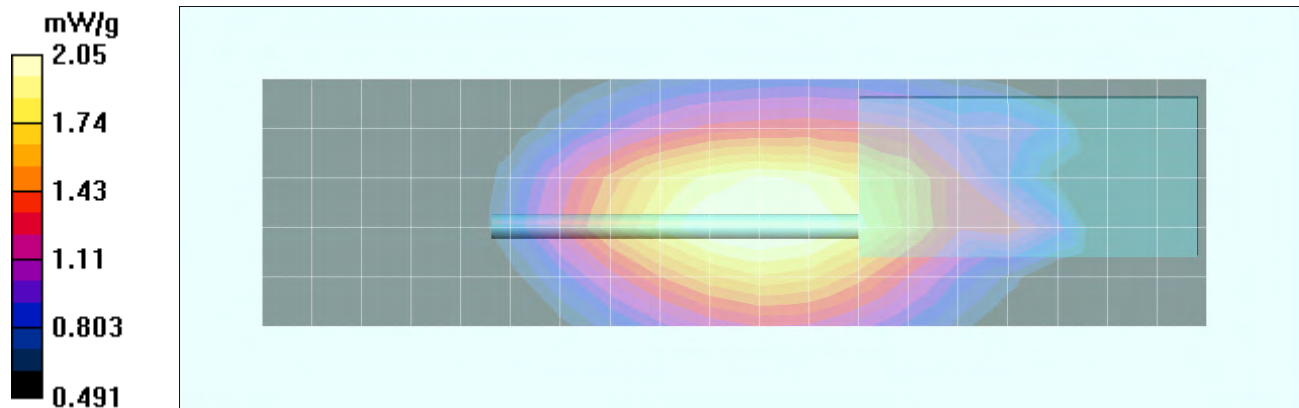
Reference Value = 47.2 V/m; Power Drift = -0.147 dB

Peak SAR (extrapolated) = 2.90 W/kg

SAR(1 g) = 1.98 mW/g; SAR(10 g) = 1.51 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

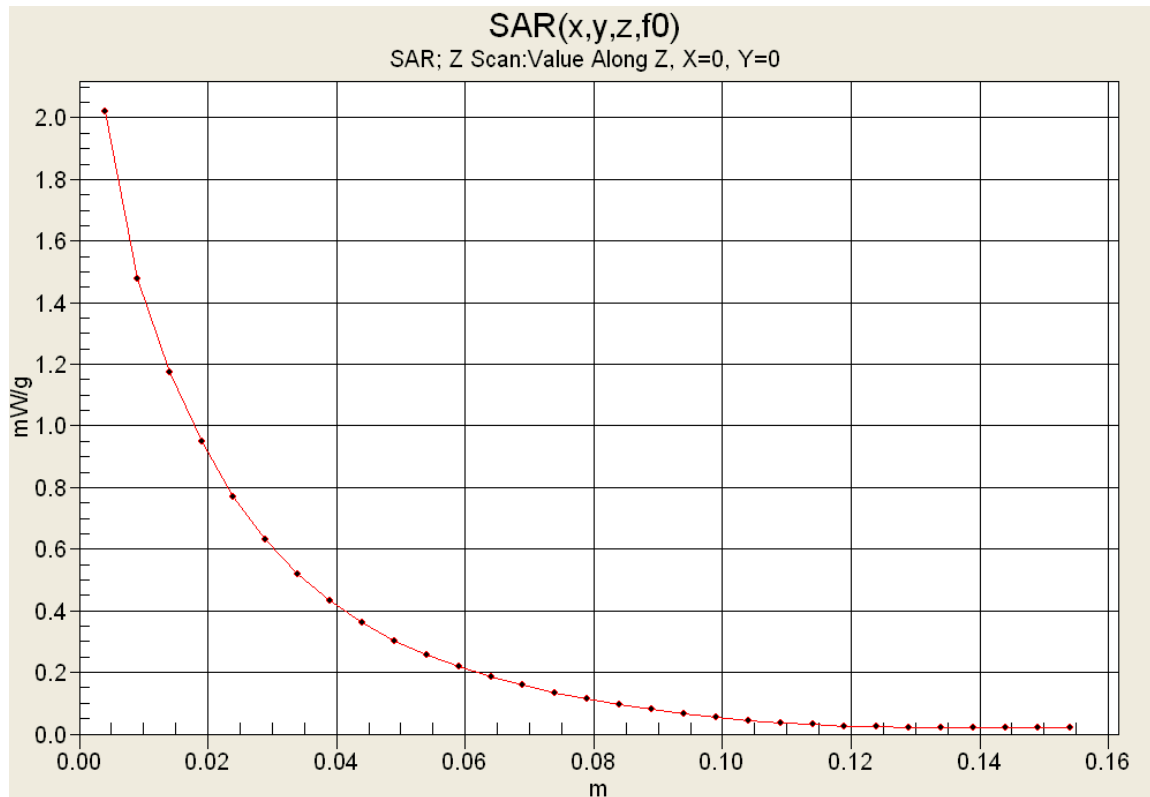
Maximum value of SAR (measured) = 2.05 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Z-Axis Scan



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Date(s) of Evaluation</u> October 04-17, 2011	<u>Test Report Serial No.</u> 090211OWD-T1114-S90V	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	
	<u>Test Report Issue Date</u> November 10, 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 B41

Date Tested: 10/11/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 20.3C; Barometric Pressure: 101.1 kPa; Humidity: 37%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4 \text{ MHz}$; $\sigma = 0.77 \text{ mho/m}$; $\epsilon_r = 62.7$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.372 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

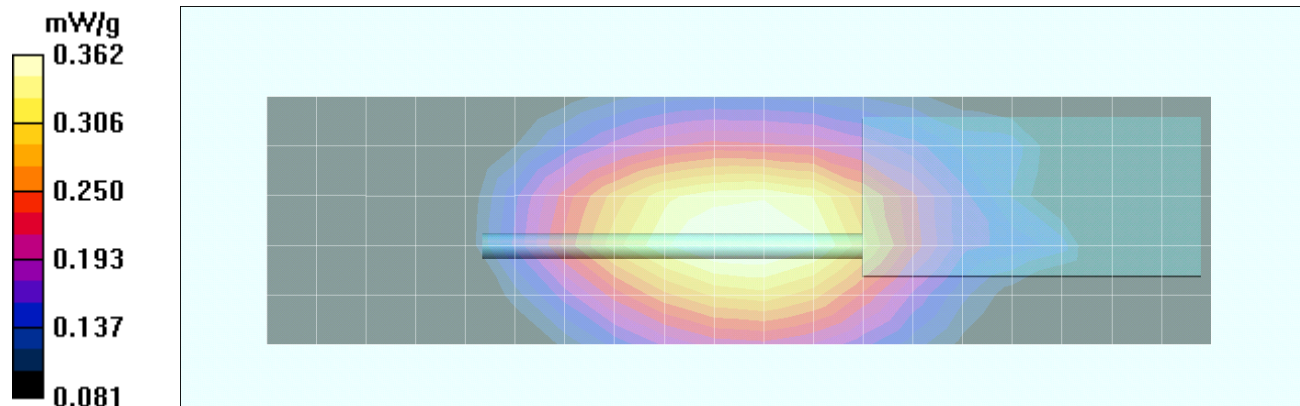
Reference Value = 18.2 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.265 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.362 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B42

Date Tested: 10/11/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 20.3C; Barometric Pressure: 101.1 kPa; Humidity: 37%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4 \text{ MHz}$; $\sigma = 0.77 \text{ mho/m}$; $\epsilon_r = 62.7$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.31 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

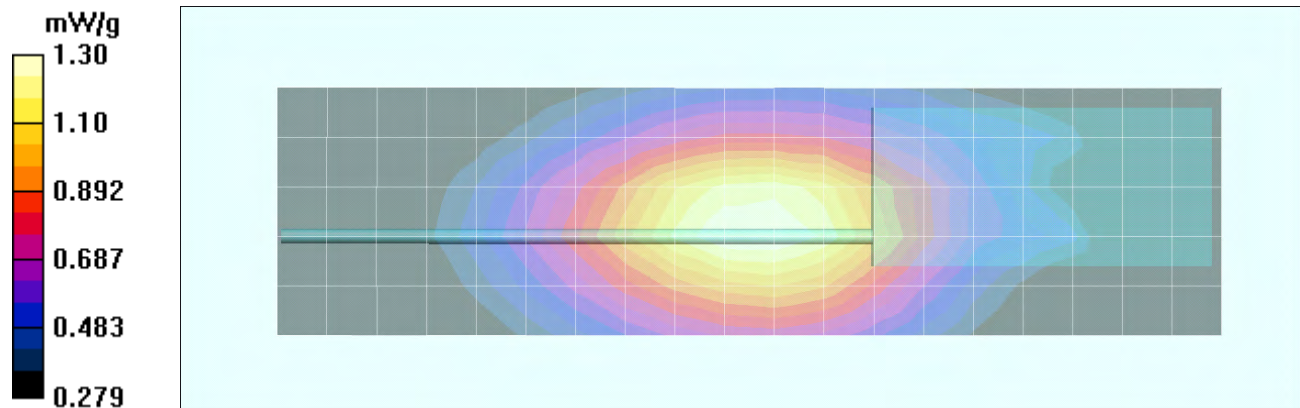
Reference Value = 34.6 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.941 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.30 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B43

Date Tested: 10/11/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 20.3C; Barometric Pressure: 101.1 kPa; Humidity: 37%

Communication System: CW

Frequency: 156.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 156.4$ MHz; $\sigma = 0.776$ mho/m; $\epsilon_r = 62.5$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.49 mW/g

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

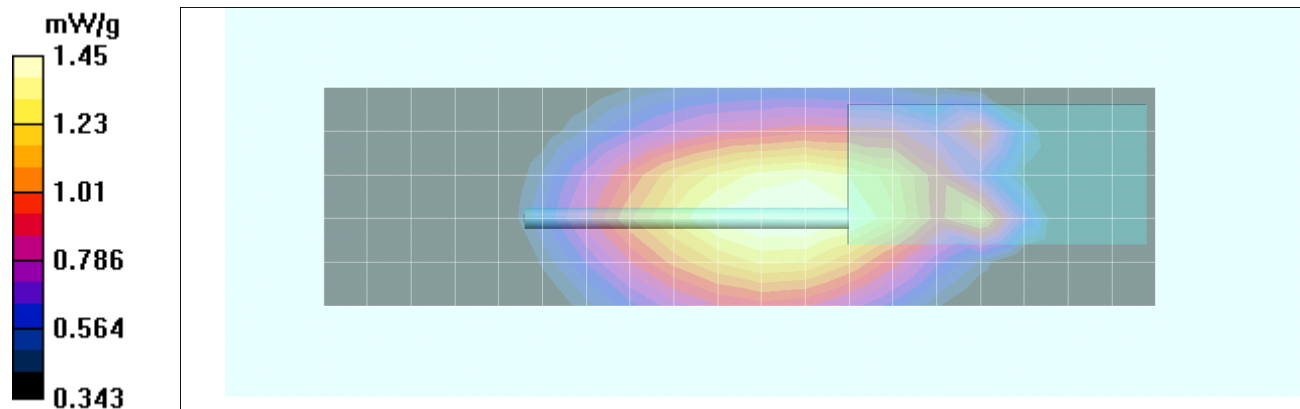
Reference Value = 40.2 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 1.4 mW/g; SAR(10 g) = 1.06 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.45 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B44

Date Tested: 10/11/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 20.3C; Barometric Pressure: 101.1 kPa; Humidity: 37%

Communication System: CW

Frequency: 156.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 156.4$ MHz; $\sigma = 0.776$ mho/m; $\epsilon_r = 62.5$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.72 mW/g

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

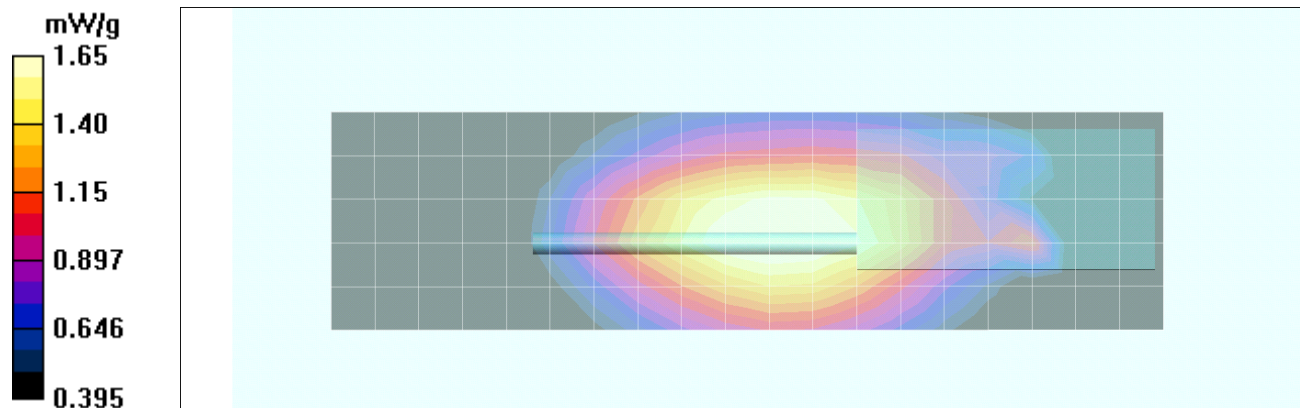
Reference Value = 43.6 V/m; Power Drift = -0.278 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 1.6 mW/g; SAR(10 g) = 1.21 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.65 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B45

Date Tested: 10/11/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 20.3C; Barometric Pressure: 101.1 kPa; Humidity: 37%

Communication System: CW

Frequency: 156.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 156.4$ MHz; $\sigma = 0.776$ mho/m; $\epsilon_r = 62.5$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.47 mW/g

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

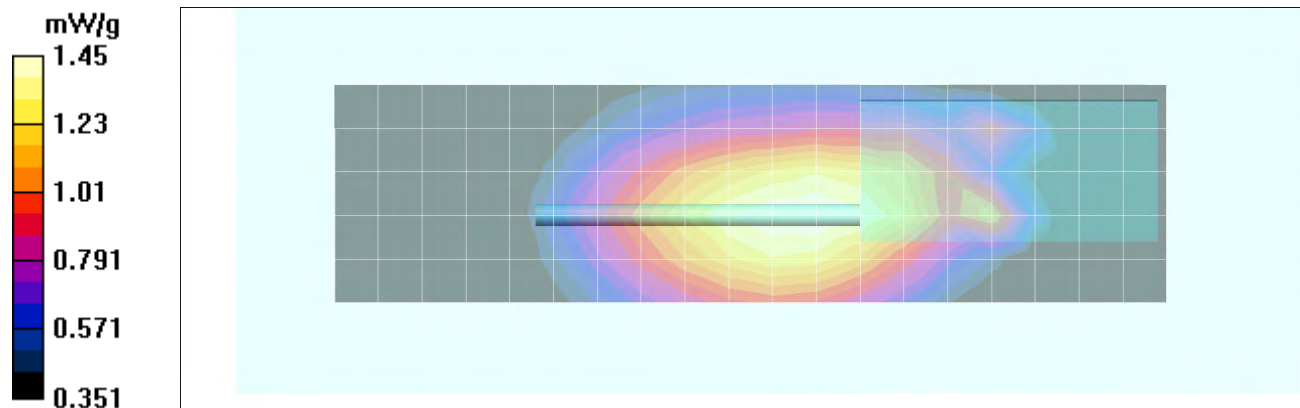
Reference Value = 38.6 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 1.4 mW/g; SAR(10 g) = 1.07 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.45 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B46

Date Tested: 10/11/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 20.3C; Barometric Pressure: 101.1 kPa; Humidity: 37%

Communication System: CW

Frequency: 144 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 144 \text{ MHz}$; $\sigma = 0.77 \text{ mho/m}$; $\epsilon_r = 64.3$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.791 mW/g

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

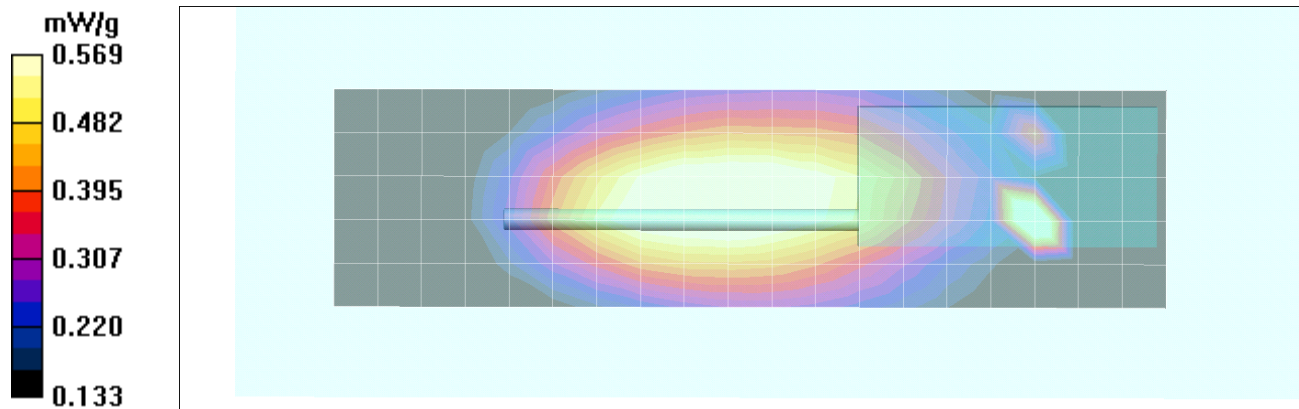
Reference Value = 24.4 V/m; Power Drift = -0.269 dB

Peak SAR (extrapolated) = 0.853 W/kg

SAR(1 g) = 0.552 mW/g; SAR(10 g) = 0.416 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.569 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B47

Date Tested: 10/11/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 20.3C; Barometric Pressure: 101.1 kPa; Humidity: 37%

Communication System: CW

Frequency: 156.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 156.4$ MHz; $\sigma = 0.776$ mho/m; $\epsilon_r = 62.5$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.82 mW/g

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

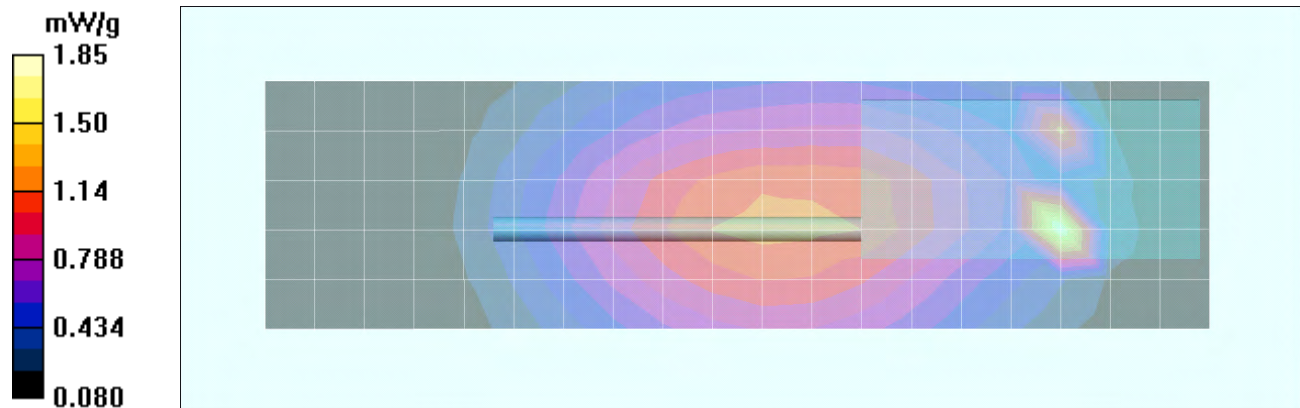
Reference Value = 35.6 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 3.16 W/kg

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.521 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.85 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B48

Date Tested: 10/11/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 20.3C; Barometric Pressure: 101.1 kPa; Humidity: 37%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4 \text{ MHz}$; $\sigma = 0.77 \text{ mho/m}$; $\epsilon_r = 62.7$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.271 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

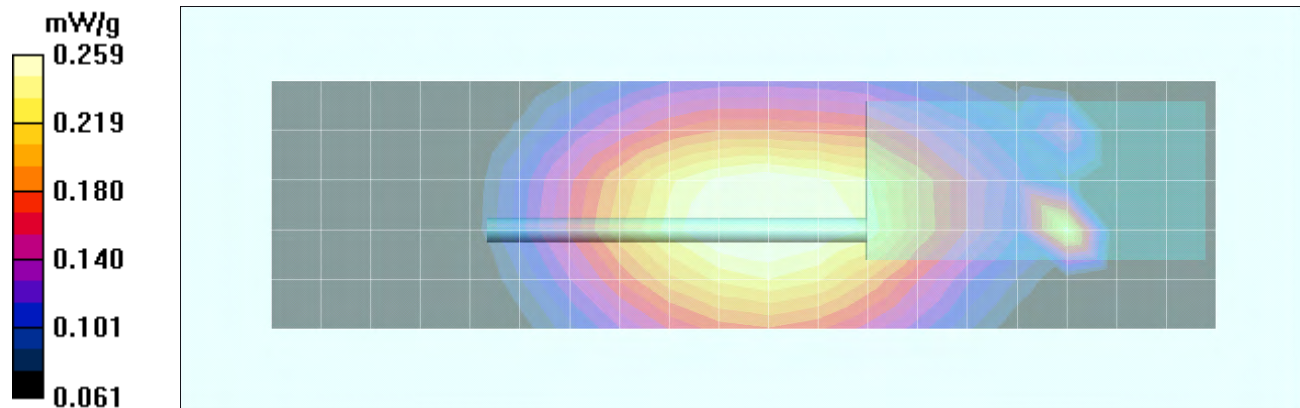
Reference Value = 16.7 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.192 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.259 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B49

Date Tested: 10/11/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 20.3C; Barometric Pressure: 101.1 kPa; Humidity: 37%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4 \text{ MHz}$; $\sigma = 0.77 \text{ mho/m}$; $\epsilon_r = 62.7$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.34 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

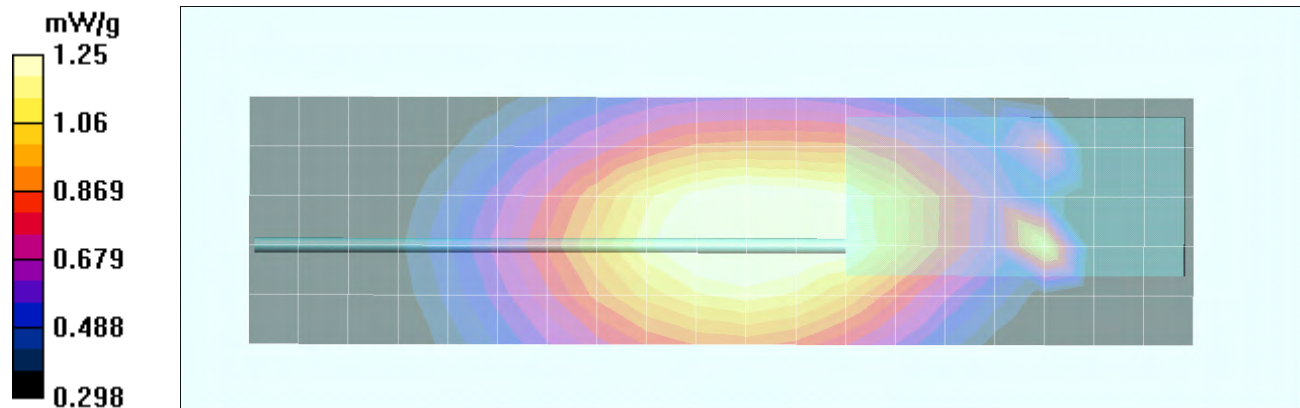
Reference Value = 38.2 V/m; Power Drift = -0.562 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.928 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.25 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 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 B50

Date Tested: 10/11/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 20.3C; Barometric Pressure: 101.1 kPa; Humidity: 37%

Communication System: CW

Frequency: 156.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 156.4$ MHz; $\sigma = 0.776$ mho/m; $\epsilon_r = 62.5$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 2.67 mW/g

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

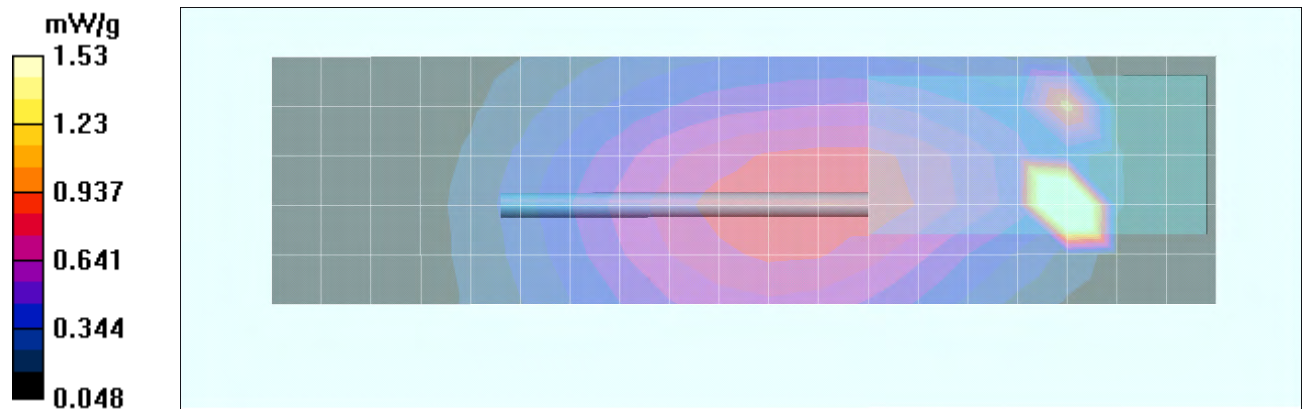
Reference Value = 30.8 V/m; Power Drift = -0.410 dB

Peak SAR (extrapolated) = 2.58 W/kg

SAR(1 g) = 0.996 mW/g; SAR(10 g) = 0.404 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.53 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B51

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 156.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 156.4 \text{ MHz}$; $\sigma = 0.76 \text{ mho/m}$; $\epsilon_r = 63.1$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.55 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

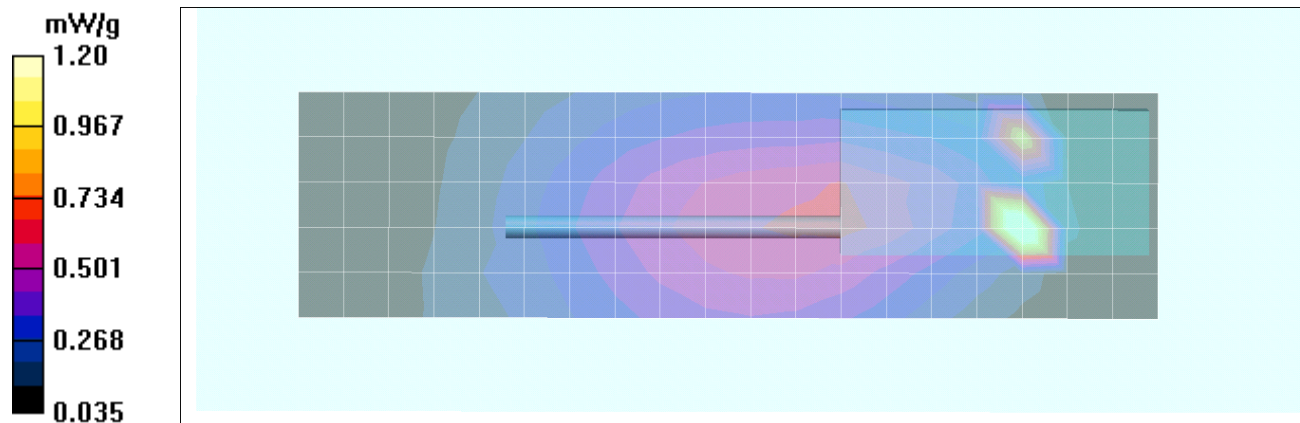
Reference Value = 25.9 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 0.794 mW/g; SAR(10 g) = 0.303 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.20 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B52

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 156.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 156.4$ MHz; $\sigma = 0.76$ mho/m; $\epsilon_r = 63.1$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 2.94 mW/g

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

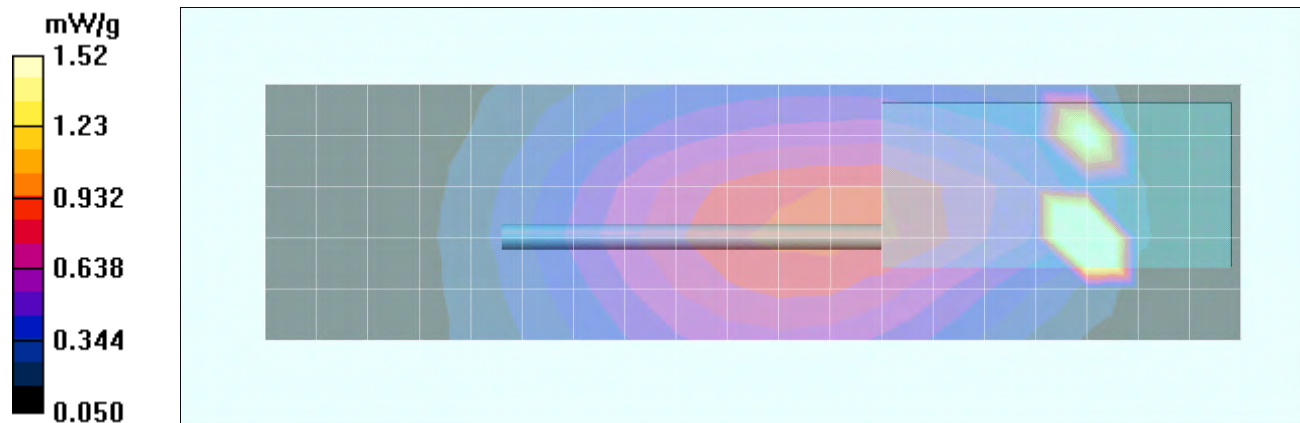
Reference Value = 31.5 V/m; Power Drift = -0.161 dB

Peak SAR (extrapolated) = 2.65 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.415 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.52 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B53

Date Tested: 10/13/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 21.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW

Frequency: 144 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 144 \text{ MHz}$; $\sigma = 0.804 \text{ mho/m}$; $\epsilon_r = 62.2$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 3.03 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

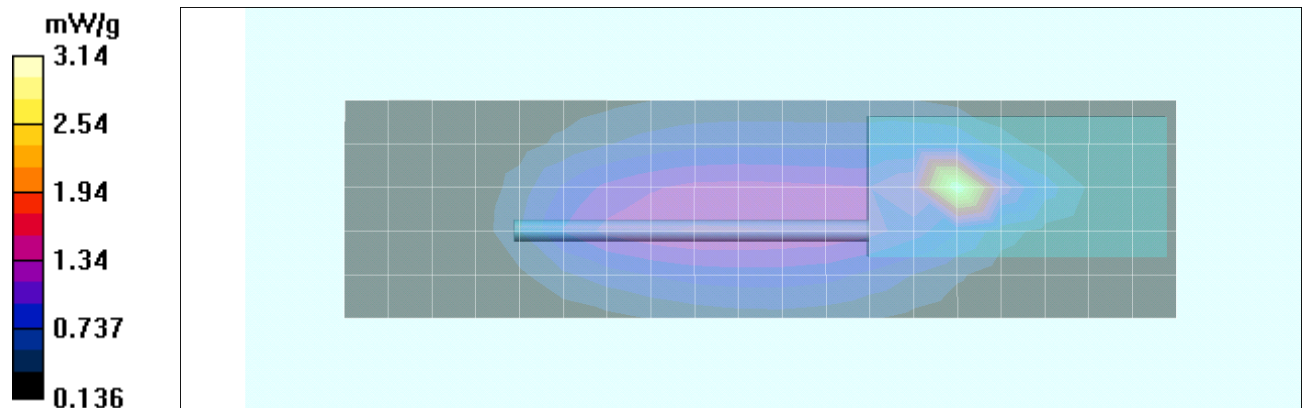
Reference Value = 37.9 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 16.0 W/kg

SAR(1 g) = 3.45 mW/g; SAR(10 g) = 1.55 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 3.14 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B54

Date Tested: 10/13/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 21.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW

Frequency: 150.8 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 150.8 \text{ MHz}$; $\sigma = 0.811 \text{ mho/m}$; $\epsilon_r = 62.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 7.94 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

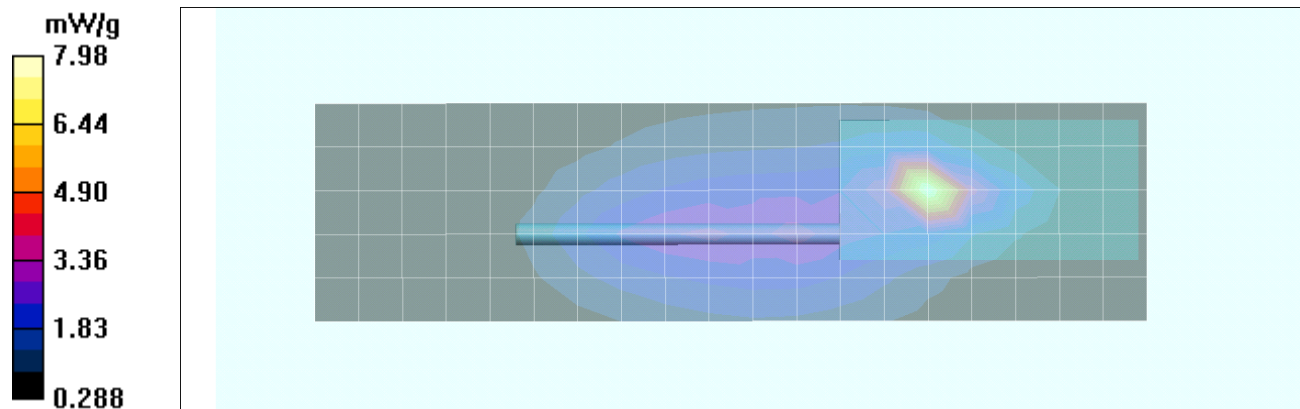
Reference Value = 52.9 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 15.3 W/kg

SAR(1 g) = 6.5 mW/g; SAR(10 g) = 3.16 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 7.98 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B55

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4 \text{ MHz}$; $\sigma = 0.793 \text{ mho/m}$; $\epsilon_r = 63.3$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.447 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

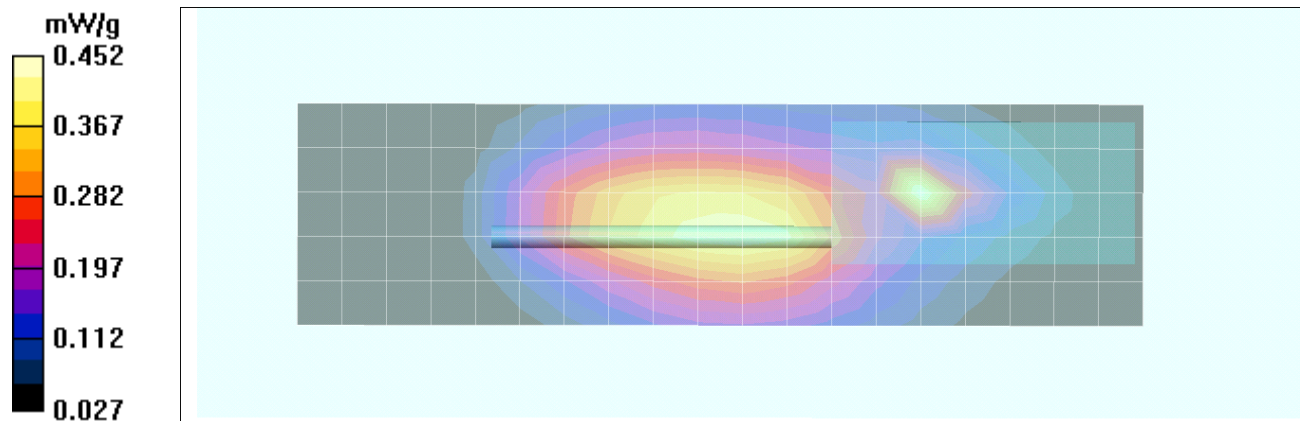
Reference Value = 18.2 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.220 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.452 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B56

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4 \text{ MHz}$; $\sigma = 0.793 \text{ mho/m}$; $\epsilon_r = 63.3$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.84 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

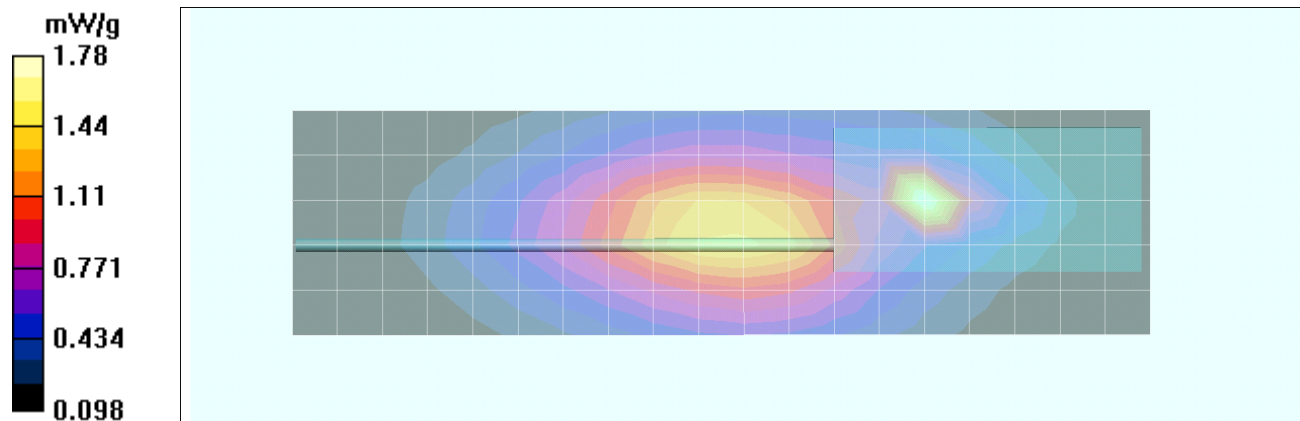
Reference Value = 34.5 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 6.95 W/kg

SAR(1 g) = 1.77 mW/g; SAR(10 g) = 0.866 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.78 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B57

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 144 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 144 \text{ MHz}$; $\sigma = 0.766 \text{ mho/m}$; $\epsilon_r = 62.2$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 2.79 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

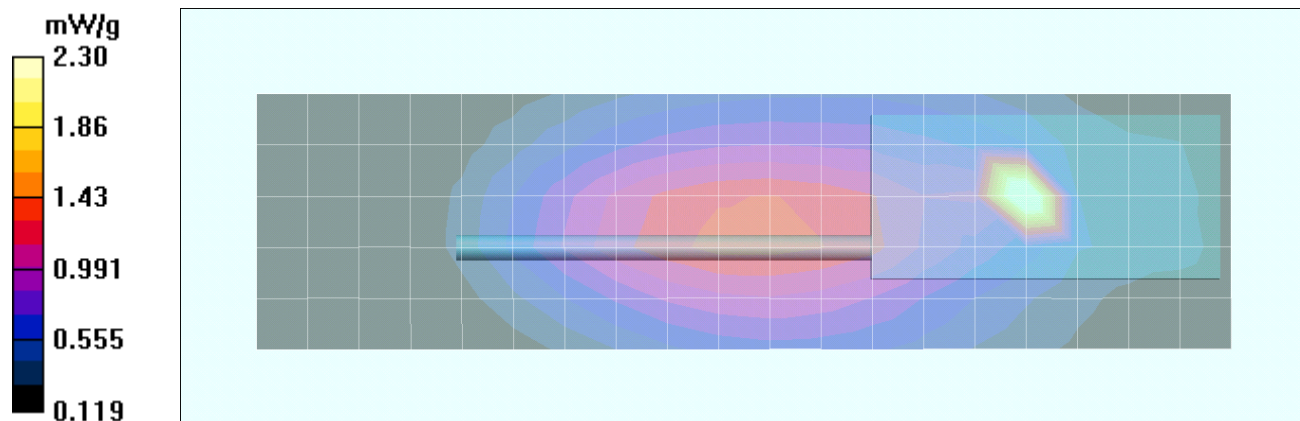
Reference Value = 38.9 V/m; Power Drift = -0.242 dB

Peak SAR (extrapolated) = 4.26 W/kg

SAR(1 g) = 1.85 mW/g; SAR(10 g) = 0.883 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 2.30 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B58

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 156.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 156.4$ MHz; $\sigma = 0.76$ mho/m; $\epsilon_r = 63.1$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 14.3 mW/g

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

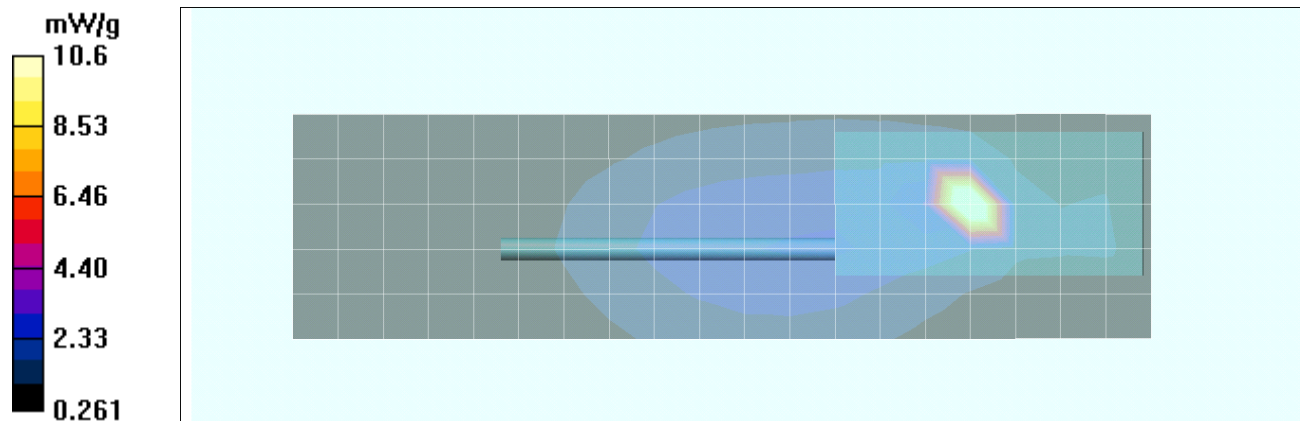
Reference Value = 53.7 V/m; Power Drift = -0.226 dB

Peak SAR (extrapolated) = 20.3 W/kg

SAR(1 g) = 7.98 mW/g; SAR(10 g) = 3.21 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

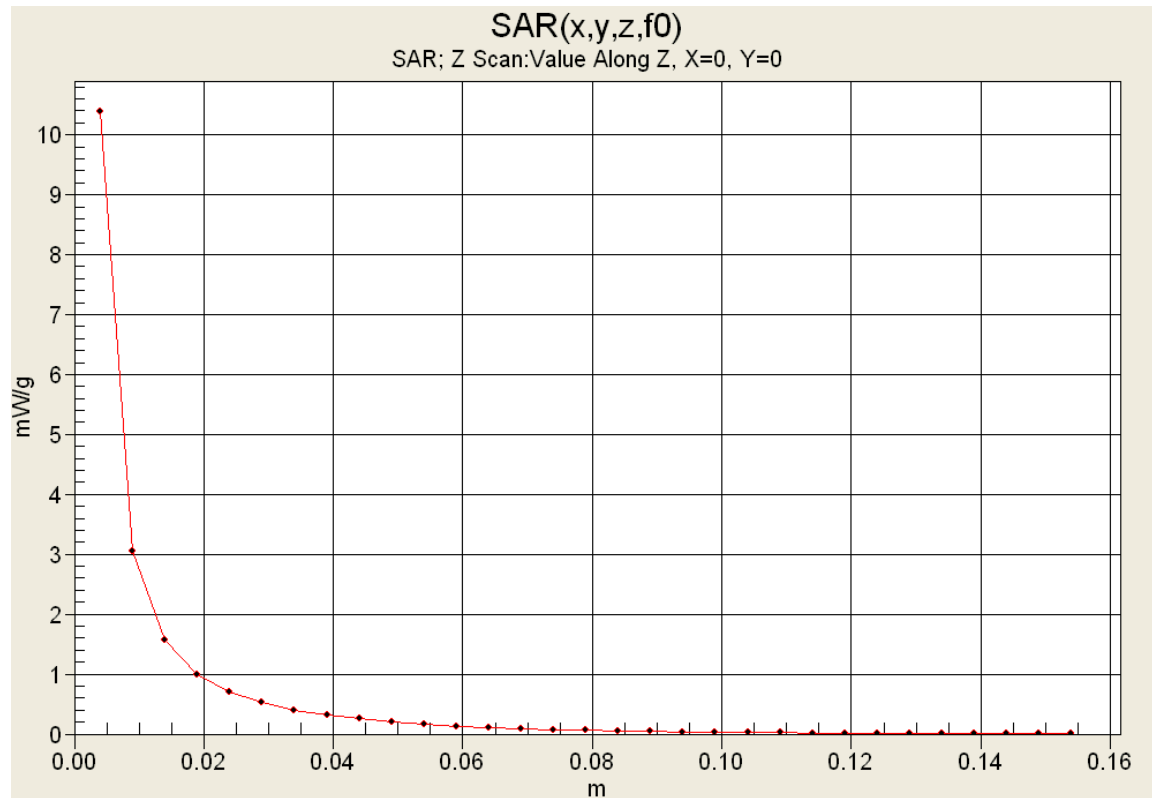
Maximum value of SAR (measured) = 10.6 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Z-Axis Scan



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 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 B59

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4$ MHz; $\sigma = 0.793$ mho/m; $\epsilon_r = 63.3$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.911 mW/g

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

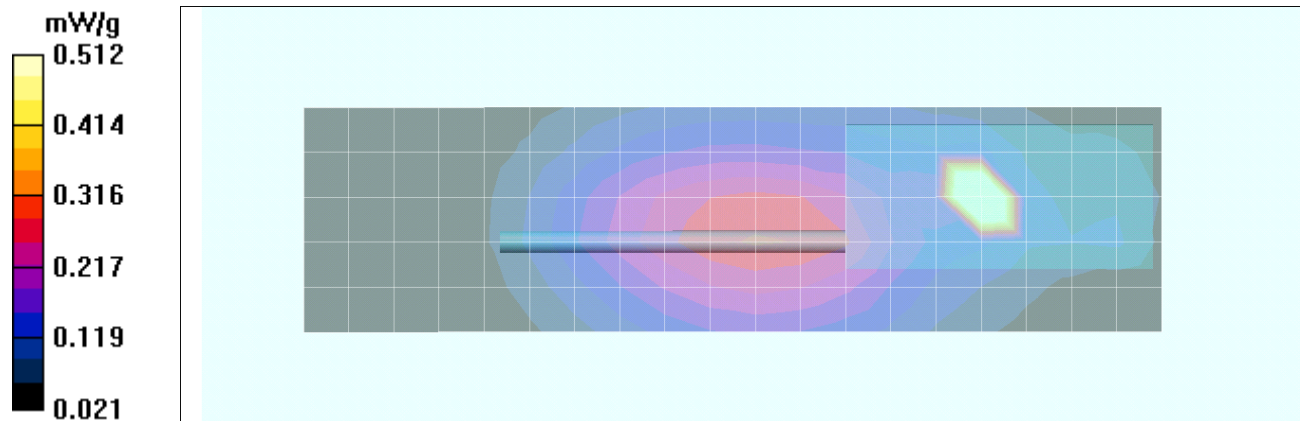
Reference Value = 16.3 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.985 W/kg

SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.182 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.512 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B60

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4 \text{ MHz}$; $\sigma = 0.793 \text{ mho/m}$; $\epsilon_r = 63.3$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 2.06 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

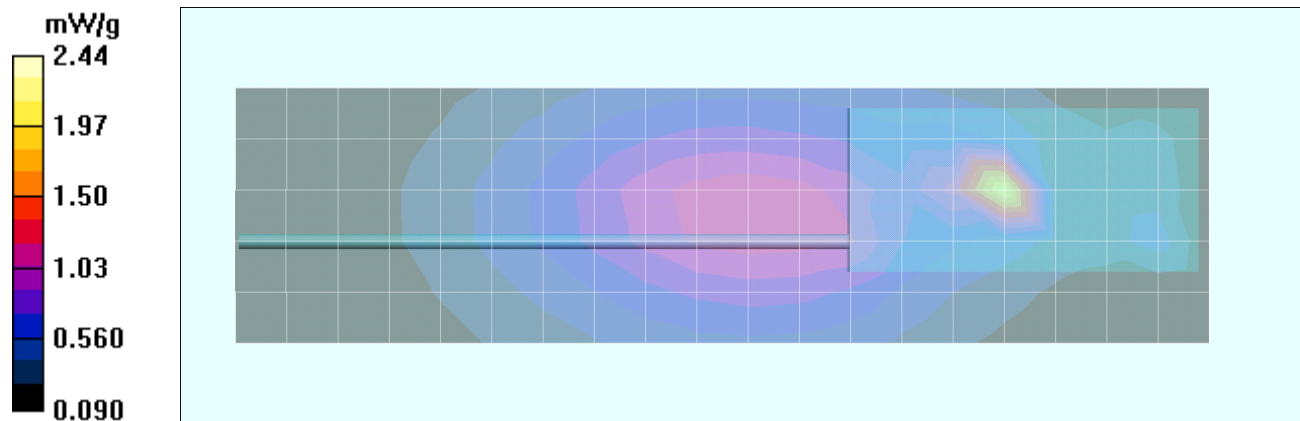
Reference Value = 33.7 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 4.85 W/kg

SAR(1 g) = 1.98 mW/g; SAR(10 g) = 0.847 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 2.44 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B61

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 144 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 144 \text{ MHz}$; $\sigma = 0.766 \text{ mho/m}$; $\epsilon_r = 62.2$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.334 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

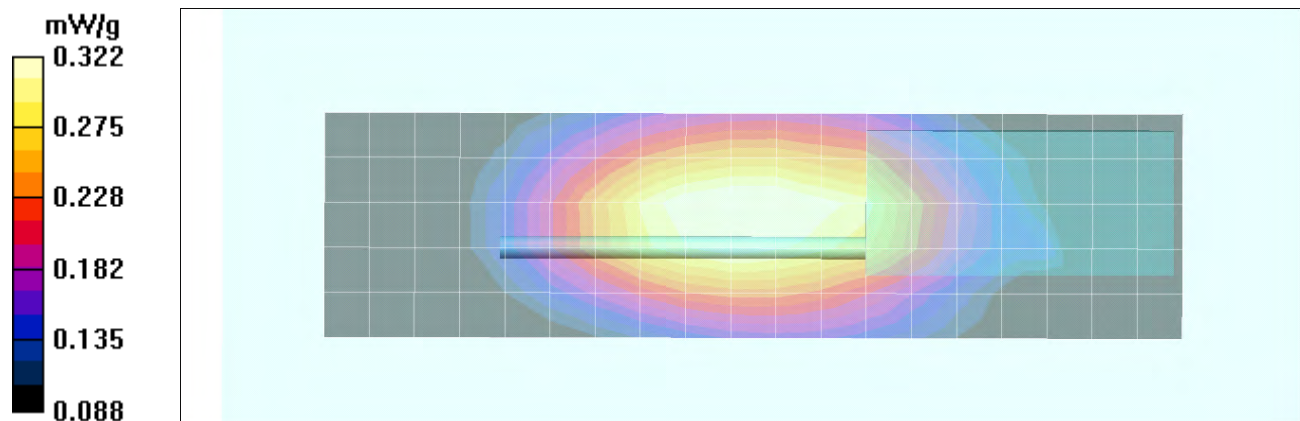
Reference Value = 19.1 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.460 W/kg

SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.242 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.322 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B62

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 156.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 156.4$ MHz; $\sigma = 0.76$ mho/m; $\epsilon_r = 63.1$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.778 mW/g

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

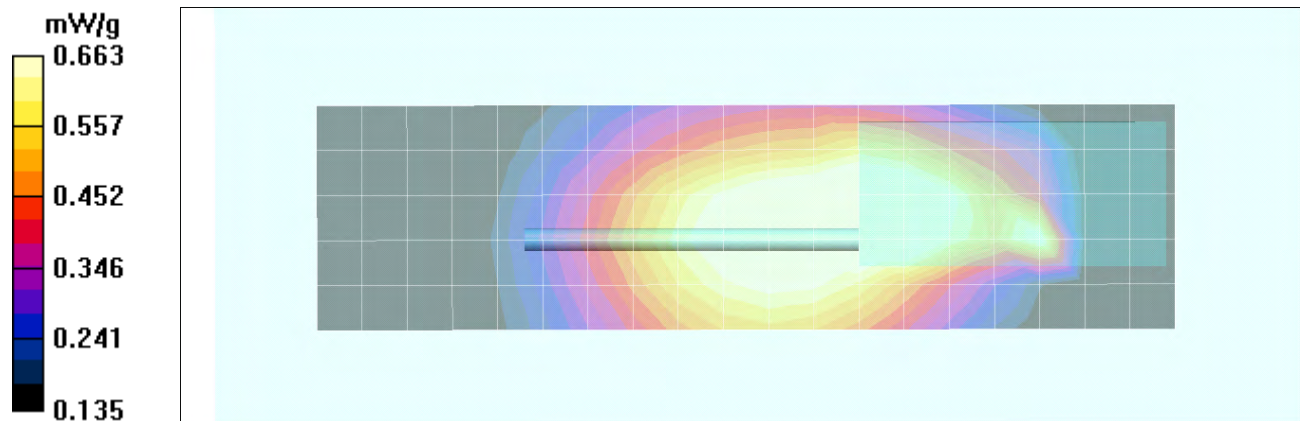
Reference Value = 28.8 V/m; Power Drift = -0.169 dB

Peak SAR (extrapolated) = 0.942 W/kg

SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.469 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.663 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B63

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4 \text{ MHz}$; $\sigma = 0.793 \text{ mho/m}$; $\epsilon_r = 63.3$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.189 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

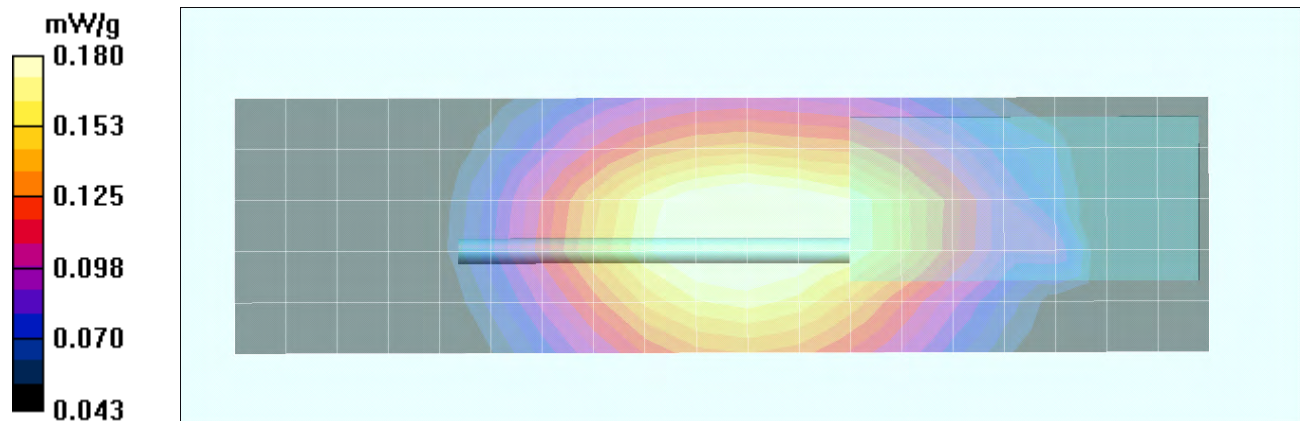
Reference Value = 14.1 V/m; Power Drift = -0.199 dB

Peak SAR (extrapolated) = 0.248 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.133 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.180 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B64

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4 \text{ MHz}$; $\sigma = 0.793 \text{ mho/m}$; $\epsilon_r = 63.3$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.853 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

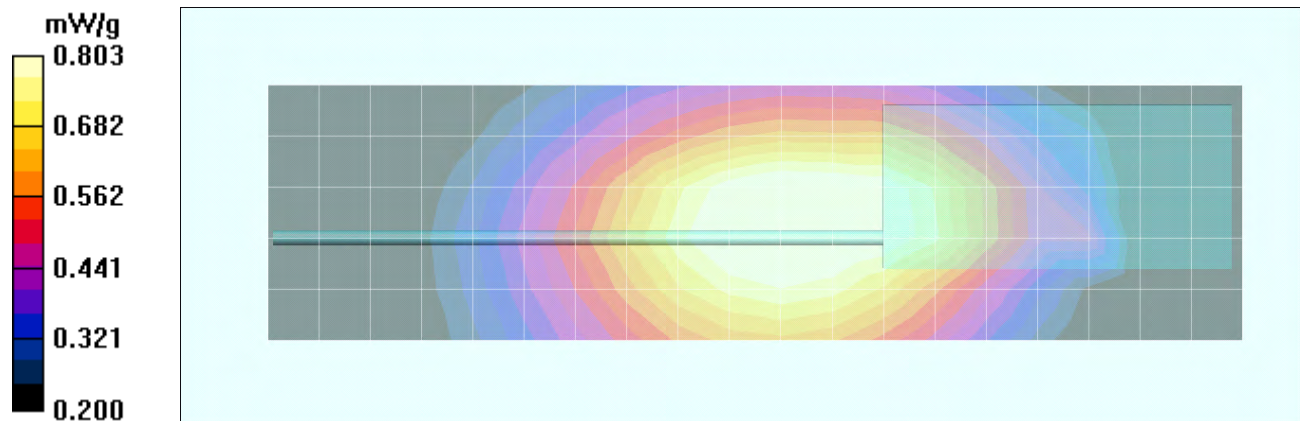
Reference Value = 30.7 V/m; Power Drift = -0.217 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.777 mW/g; SAR(10 g) = 0.601 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.803 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B65

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 144 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 144 \text{ MHz}$; $\sigma = 0.766 \text{ mho/m}$; $\epsilon_r = 62.2$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.377 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

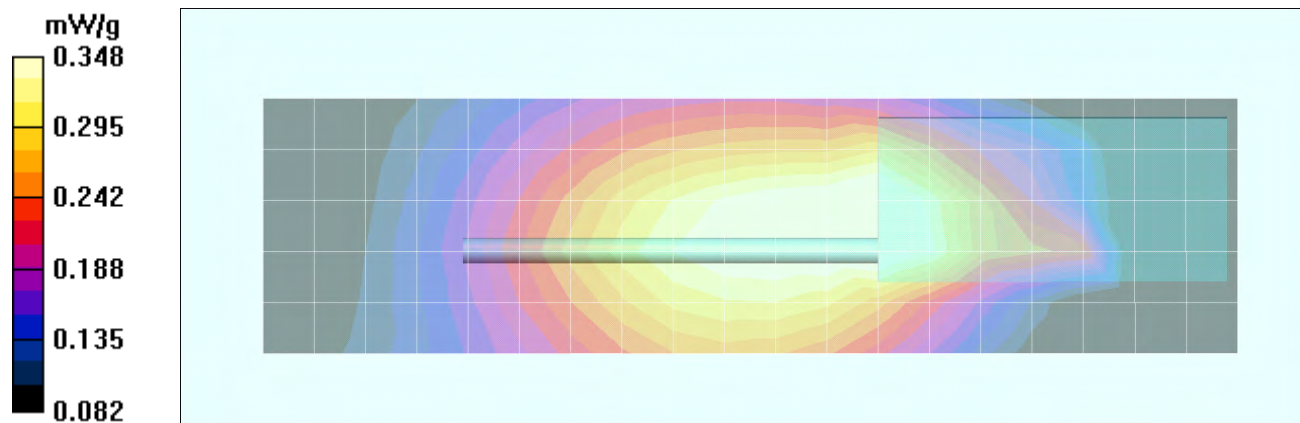
Reference Value = 20.7 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.523 W/kg

SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.257 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.348 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B66

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 156.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 156.4$ MHz; $\sigma = 0.76$ mho/m; $\epsilon_r = 63.1$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.722 mW/g

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

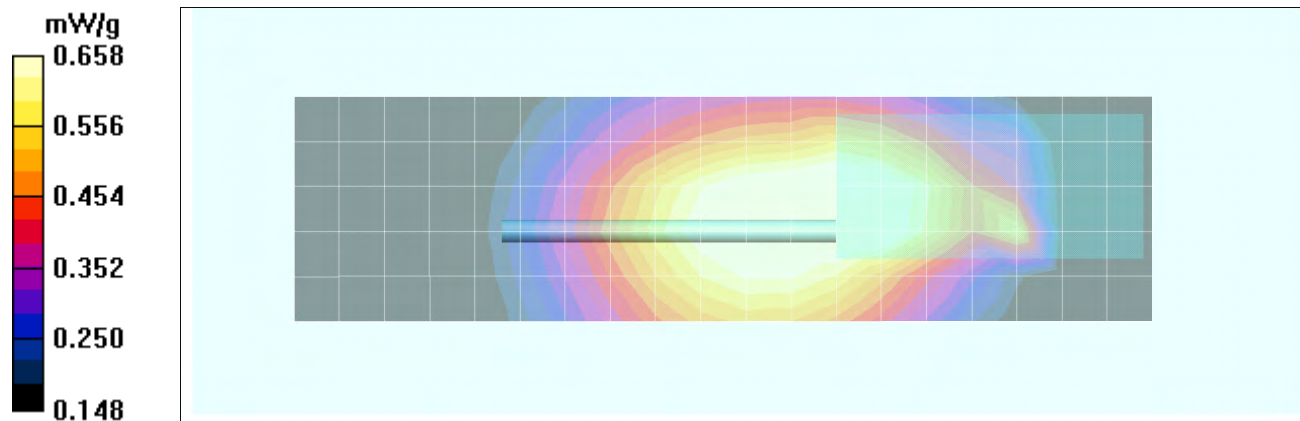
Reference Value = 29.1 V/m; Power Drift = -0.179 dB

Peak SAR (extrapolated) = 0.947 W/kg

SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.487 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.658 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B67

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4 \text{ MHz}$; $\sigma = 0.793 \text{ mho/m}$; $\epsilon_r = 63.3$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.209 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

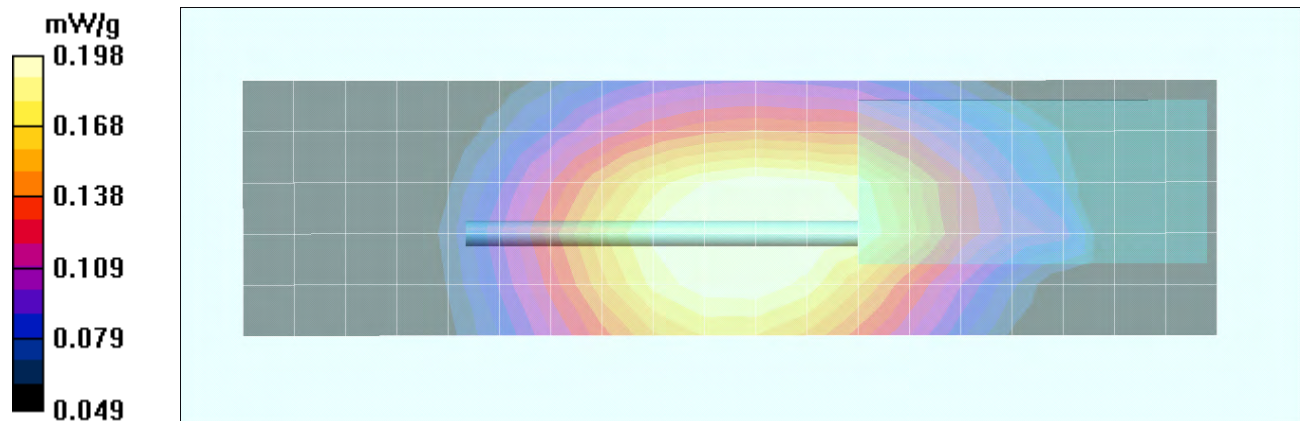
Reference Value = 14.4 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.149 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.198 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B68

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4 \text{ MHz}$; $\sigma = 0.793 \text{ mho/m}$; $\epsilon_r = 63.3$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.957 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

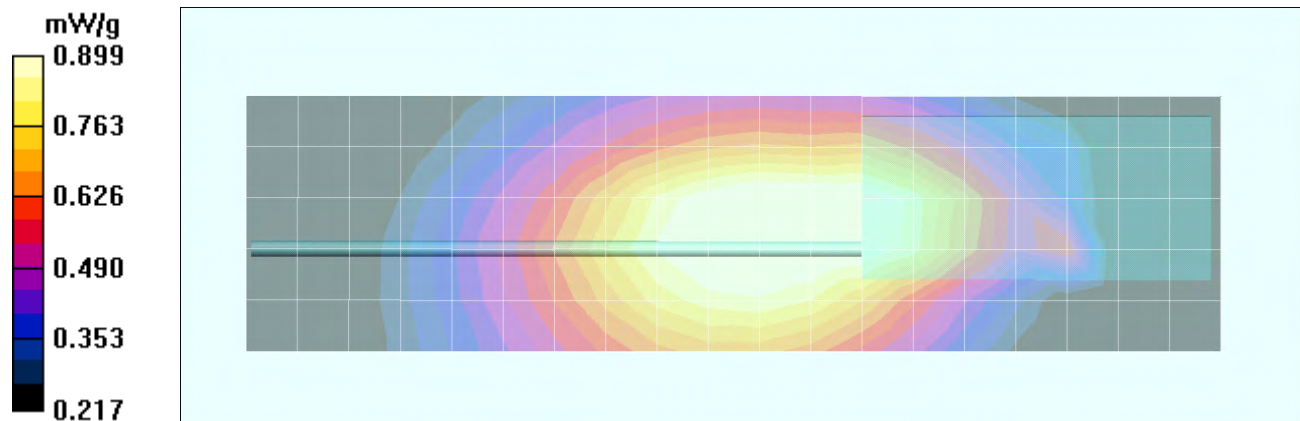
Reference Value = 31.3 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.871 mW/g; SAR(10 g) = 0.668 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.899 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B69

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 144 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 144 \text{ MHz}$; $\sigma = 0.766 \text{ mho/m}$; $\epsilon_r = 62.2$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.649 mW/g

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

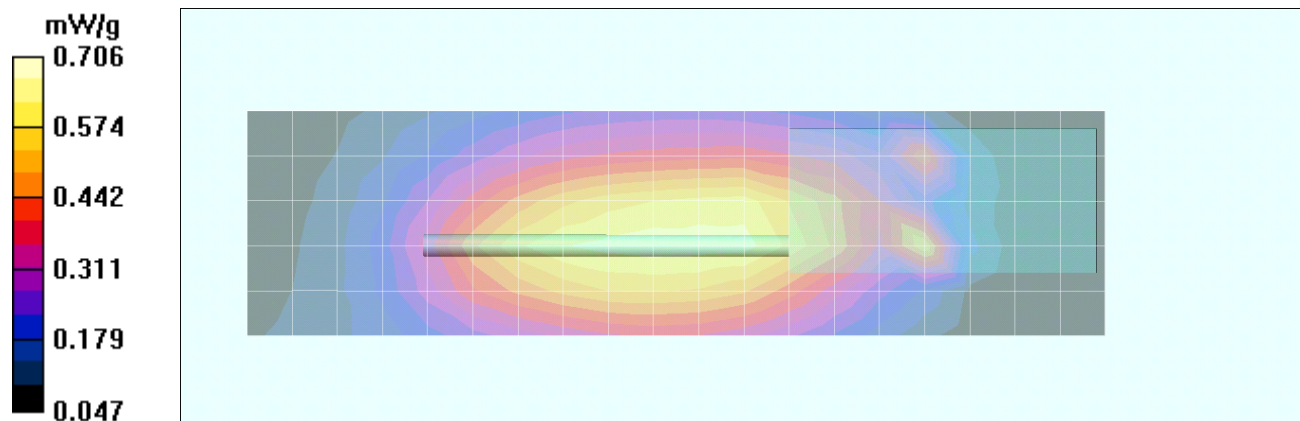
Reference Value = 25.9 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.272 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.706 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 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 B70

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 156.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 156.4$ MHz; $\sigma = 0.76$ mho/m; $\epsilon_r = 63.1$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 2.09 mW/g

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

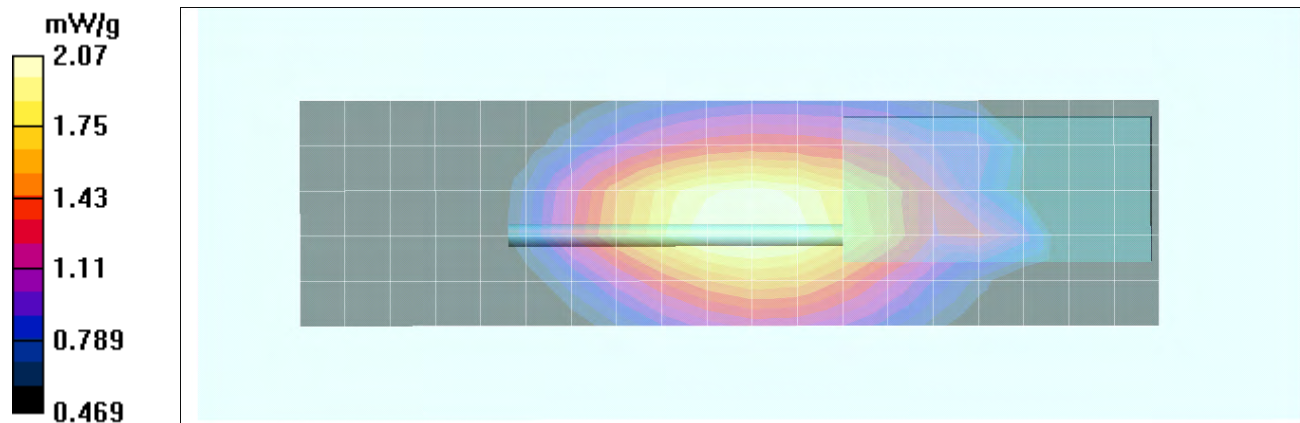
Reference Value = 48.0 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 2.95 W/kg

SAR(1 g) = 2 mW/g; SAR(10 g) = 1.52 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

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



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 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 B71

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4 \text{ MHz}$; $\sigma = 0.793 \text{ mho/m}$; $\epsilon_r = 63.3$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.354 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

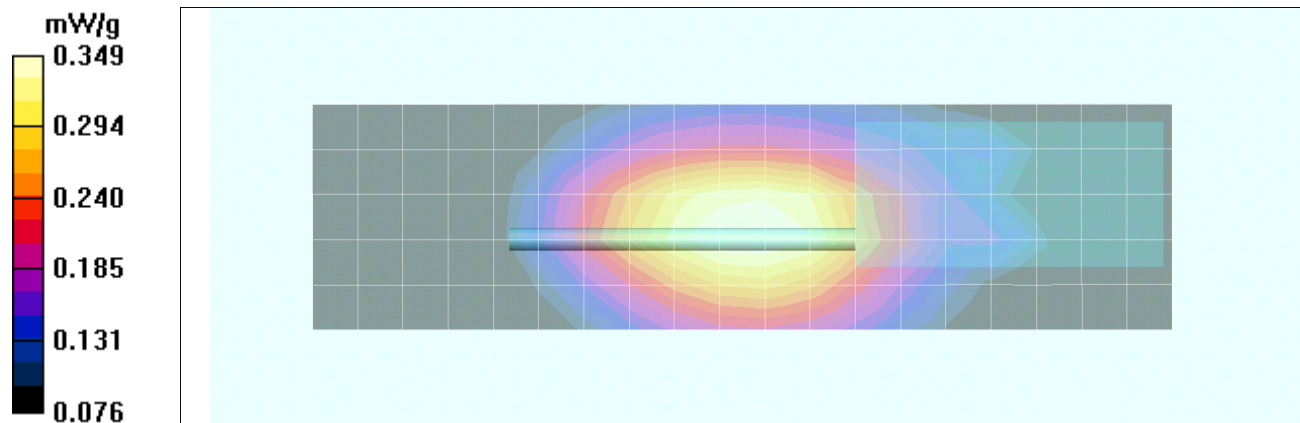
Reference Value = 17.7 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.487 W/kg

SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.254 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.349 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B72

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4 \text{ MHz}$; $\sigma = 0.793 \text{ mho/m}$; $\epsilon_r = 63.3$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.28 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

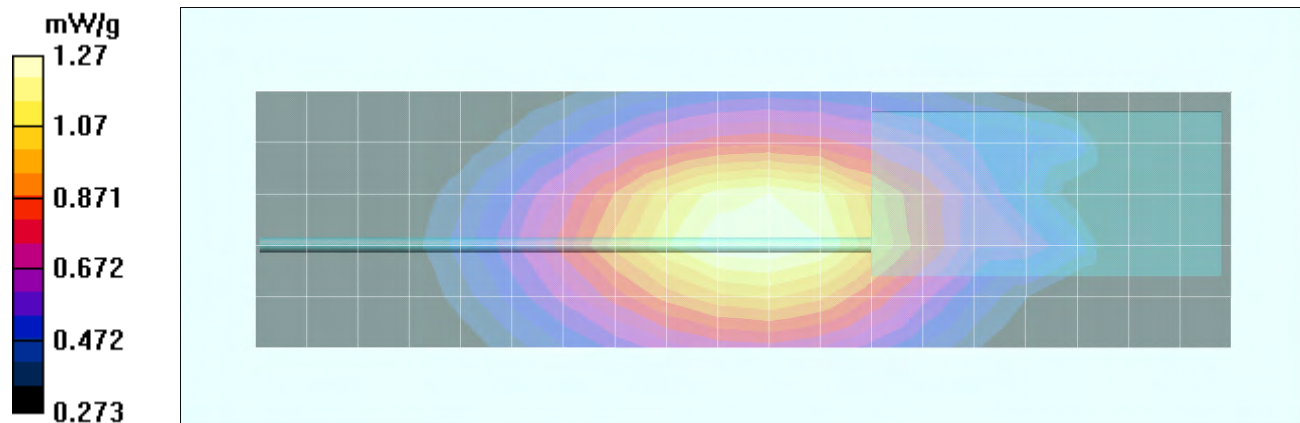
Reference Value = 34.2 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.927 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

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



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B73

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 144 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 144 \text{ MHz}$; $\sigma = 0.766 \text{ mho/m}$; $\epsilon_r = 62.2$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.54 mW/g

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

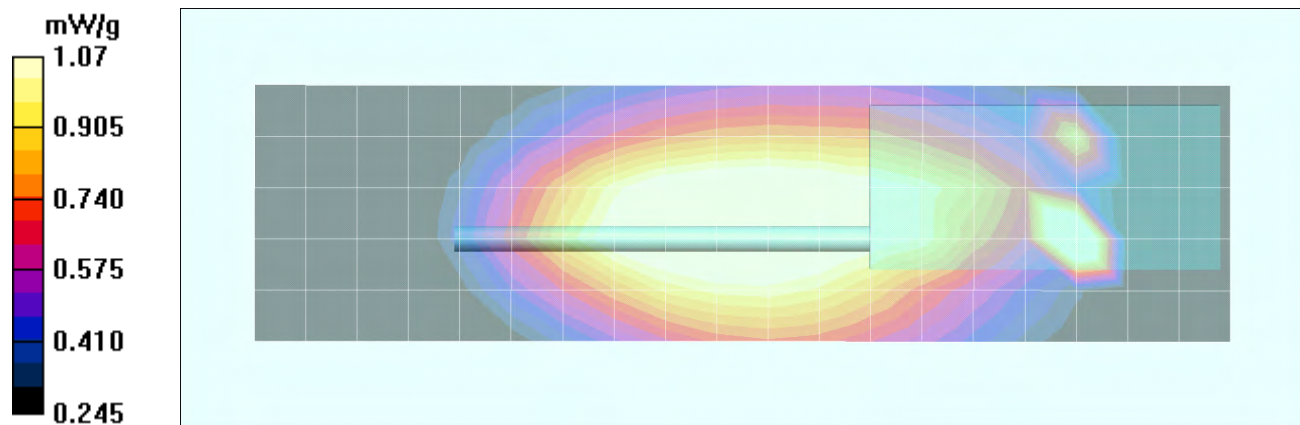
Reference Value = 34.8 V/m; Power Drift = -0.459 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.789 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.07 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B74

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 156.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 156.4$ MHz; $\sigma = 0.76$ mho/m; $\epsilon_r = 63.1$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.10 mW/g

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

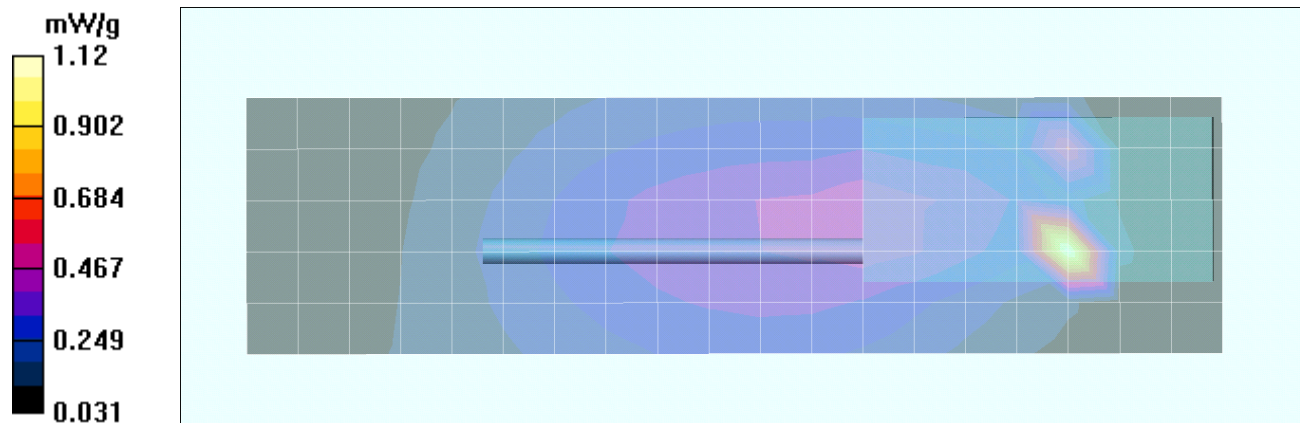
Reference Value = 22.2 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.684 mW/g; SAR(10 g) = 0.248 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

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



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B75

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4 \text{ MHz}$; $\sigma = 0.793 \text{ mho/m}$; $\epsilon_r = 63.3$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.353 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

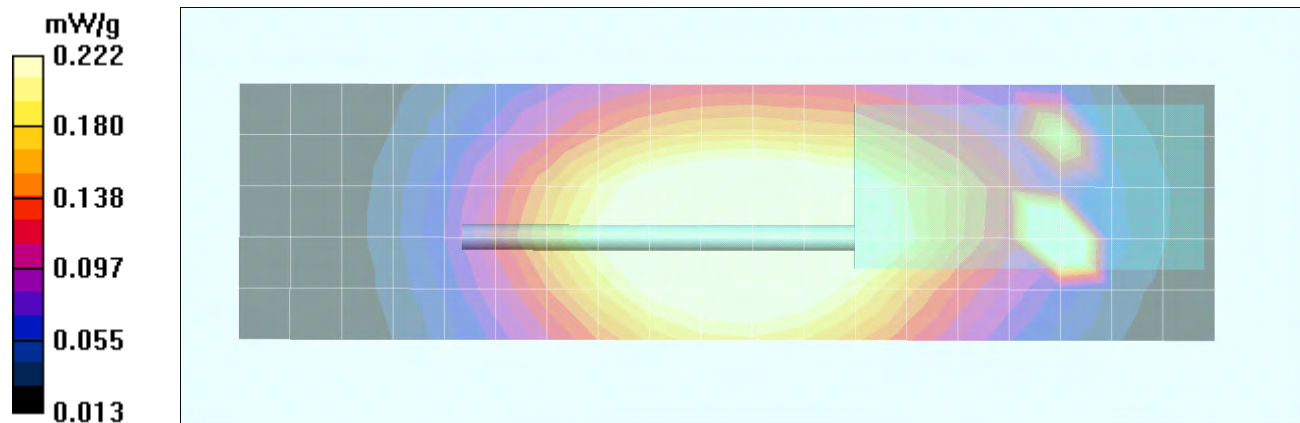
Reference Value = 16.0 V/m; Power Drift = -0.169 dB

Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.079 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.222 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot B76

Date Tested: 10/12/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 20.9C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW

Frequency: 173.4 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 173.4 \text{ MHz}$; $\sigma = 0.793 \text{ mho/m}$; $\epsilon_r = 63.3$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

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

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

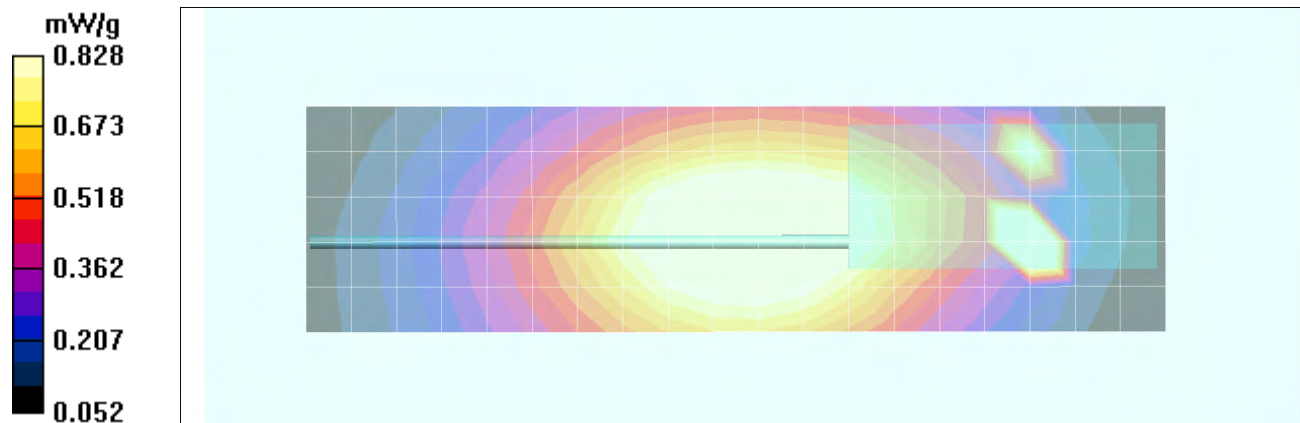
Reference Value = 30.8 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.314 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.828 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Date(s) of Evaluation</u> October 04-17, 2011	<u>Test Report Serial No.</u> 090211OWD-T1114-S90V	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot A1

Date Tested: 10/13/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 21.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW

Frequency: 150.8 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 150.8 \text{ MHz}$; $\sigma = 0.811 \text{ mho/m}$; $\epsilon_r = 62.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 9.14 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

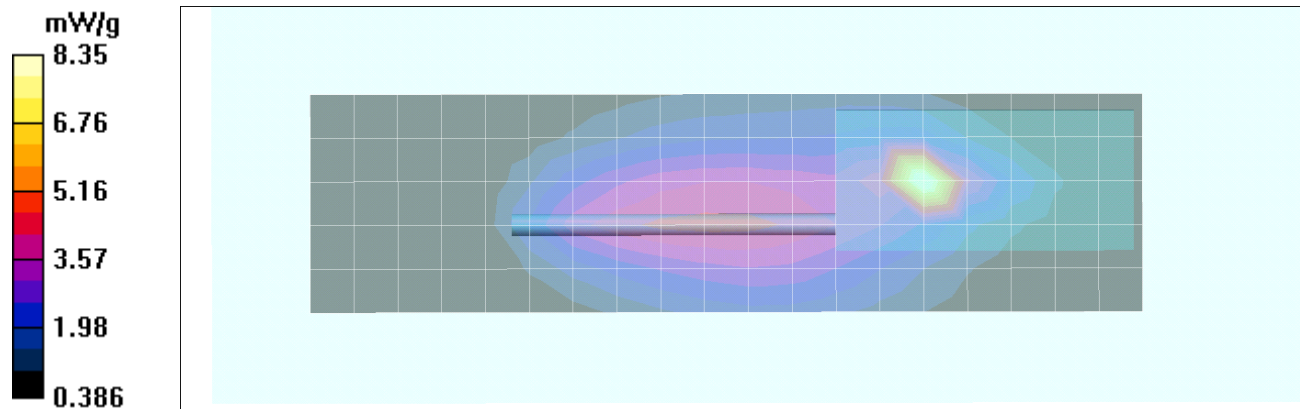
Reference Value = 62.9 V/m; Power Drift = -0.197 dB

Peak SAR (extrapolated) = 41.6 W/kg

SAR(1 g) = 8.78 mW/g; SAR(10 g) = 4.06 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 8.35 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot A2

Date Tested: 10/13/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 21.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW

Frequency: 150.8 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 150.8 \text{ MHz}$; $\sigma = 0.811 \text{ mho/m}$; $\epsilon_r = 62.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 9.11 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

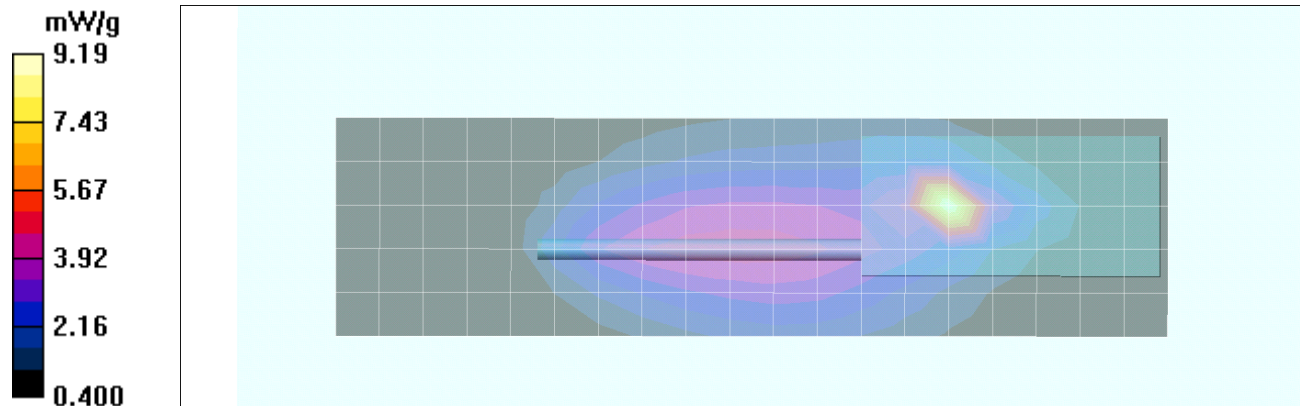
Reference Value = 63.2 V/m; Power Drift = -0.184 dB

Peak SAR (extrapolated) = 49.2 W/kg

SAR(1 g) = 9.94 mW/g; SAR(10 g) = 4.42 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 9.19 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 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 A3

Date Tested: 10/13/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 21.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW

Frequency: 150.8 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 150.8 \text{ MHz}$; $\sigma = 0.811 \text{ mho/m}$; $\epsilon_r = 62.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 9.30 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

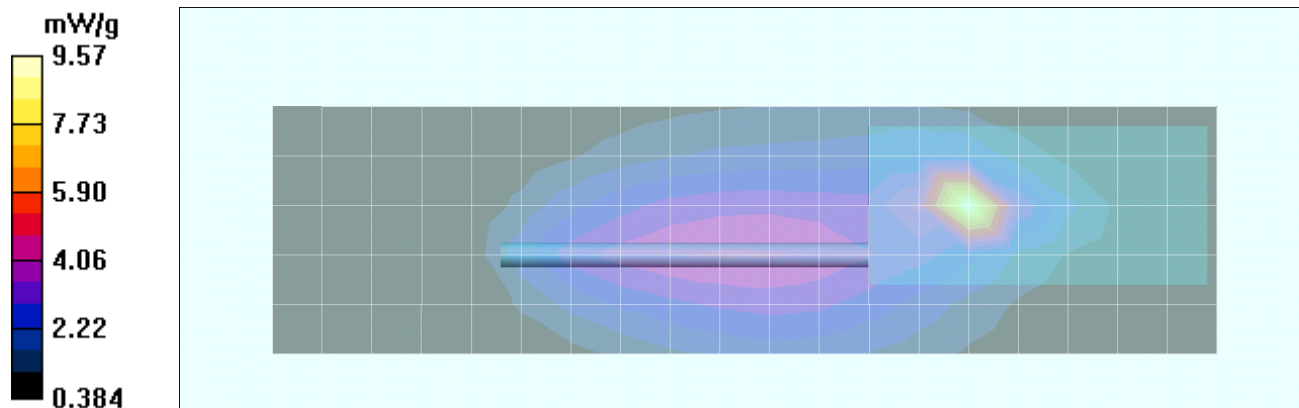
Reference Value = 62.2 V/m; Power Drift = -0.153 dB

Peak SAR (extrapolated) = 53.4 W/kg

SAR(1 g) = 10.4 mW/g; SAR(10 g) = 4.62 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 9.57 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot A4

Date Tested: 10/13/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 21.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW

Frequency: 150.8 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 150.8 \text{ MHz}$; $\sigma = 0.811 \text{ mho/m}$; $\epsilon_r = 62.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 11.3 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

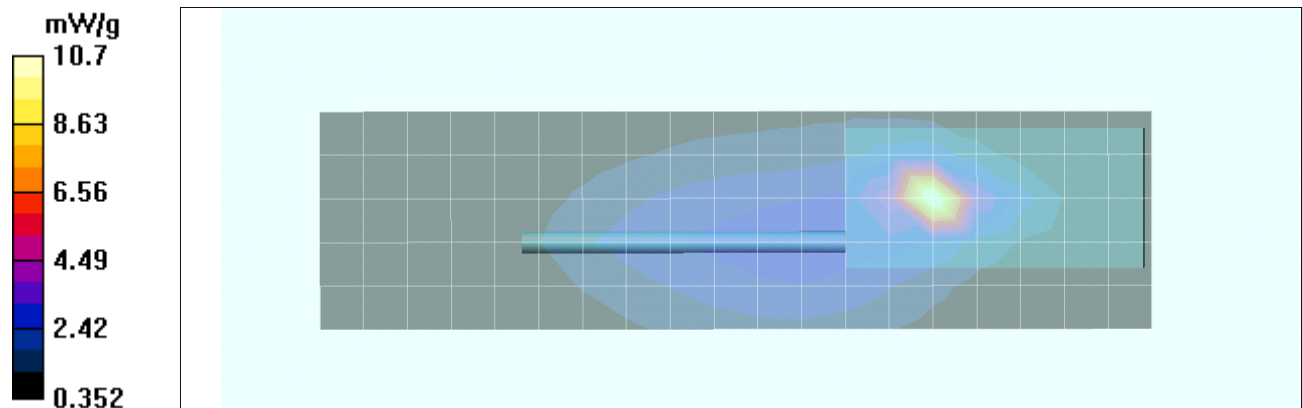
Reference Value = 56.9 V/m; Power Drift = -0.171 dB

Peak SAR (extrapolated) = 57.8 W/kg

SAR(1 g) = 11.8 mW/g; SAR(10 g) = 5.15 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

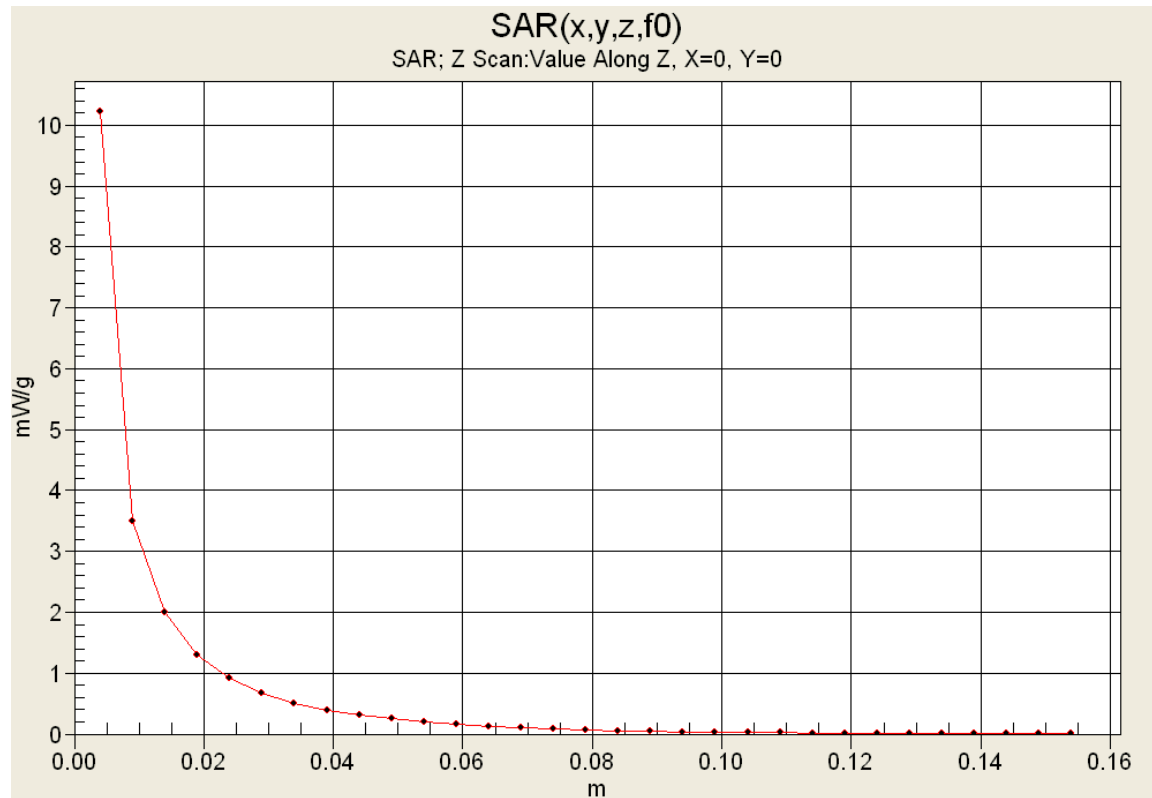
Maximum value of SAR (measured) = 10.7 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Z-Axis Scan



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot A5

Date Tested: 10/13/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-003

Ambient Temp: 22C; Fluid Temp: 21.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW

Frequency: 150.8 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 150.8 \text{ MHz}$; $\sigma = 0.811 \text{ mho/m}$; $\epsilon_r = 62.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 10.8 mW/g

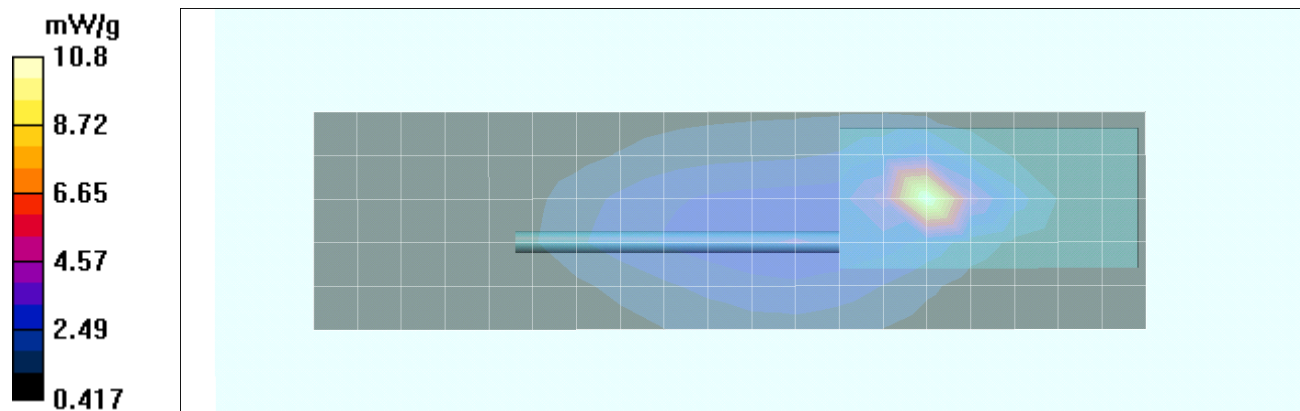
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 59.1 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 23.3 W/kg

SAR(1 g) = 10.1 mW/g; SAR(10 g) = 4.93 mW/g

Info: Interpolated medium parameters used for SAR evaluation.



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot A6

Date Tested: 10/13/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 21.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW

Frequency: 150.8 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 150.8 \text{ MHz}$; $\sigma = 0.811 \text{ mho/m}$; $\epsilon_r = 62.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 9.08 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

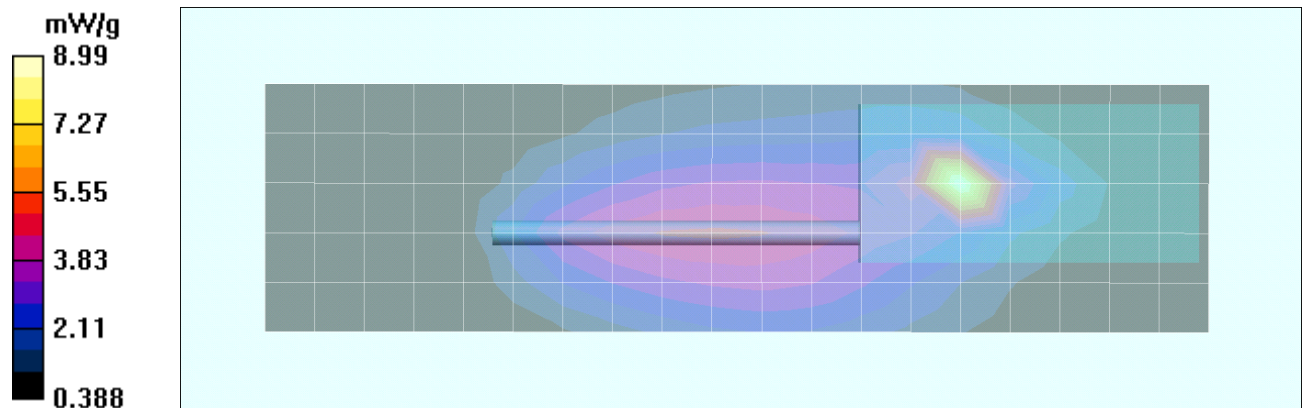
Reference Value = 62.8 V/m; Power Drift = -0.170 dB

Peak SAR (extrapolated) = 43.7 W/kg

SAR(1 g) = 9.2 mW/g; SAR(10 g) = 4.25 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 8.99 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot A7

Date Tested: 10/13/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 21.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW

Frequency: 150.8 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 150.8 \text{ MHz}$; $\sigma = 0.811 \text{ mho/m}$; $\epsilon_r = 62.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

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

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

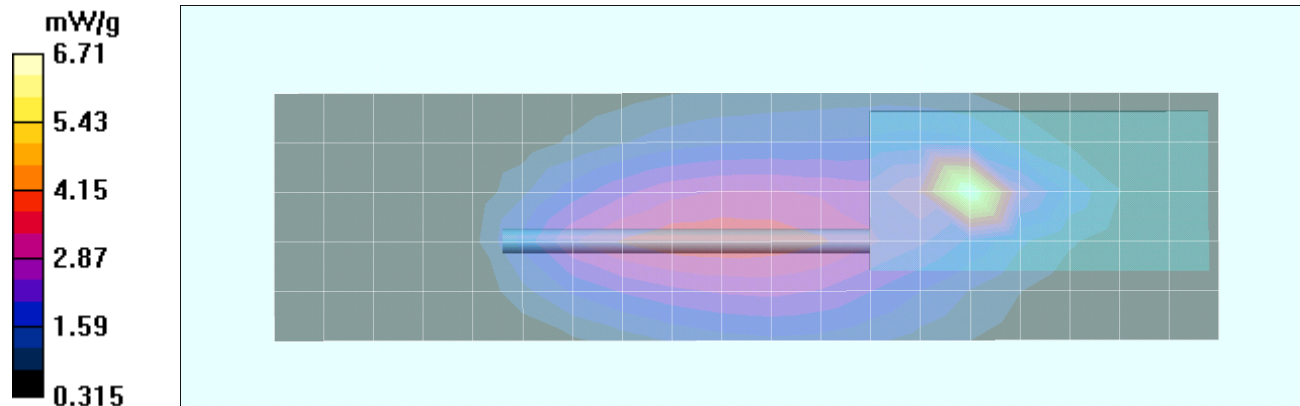
Reference Value = 57.5 V/m; Power Drift = -0.174 dB

Peak SAR (extrapolated) = 32.4 W/kg

SAR(1 g) = 6.89 mW/g; SAR(10 g) = 3.21 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 6.71 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot A8

Date Tested: 10/13/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 21.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW

Frequency: 150.8 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 150.8 \text{ MHz}$; $\sigma = 0.811 \text{ mho/m}$; $\epsilon_r = 62.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 8.21 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

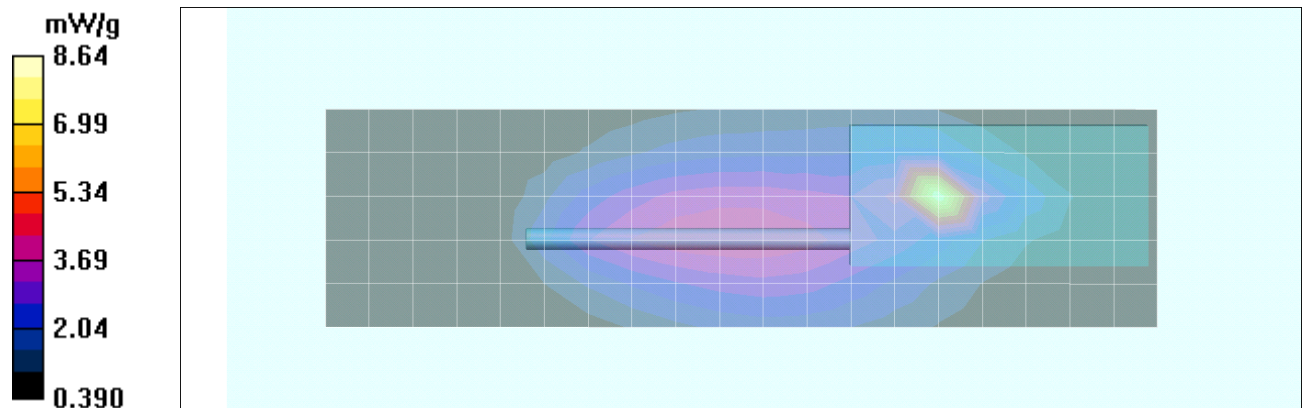
Reference Value = 62.2 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 44.3 W/kg

SAR(1 g) = 9.02 mW/g; SAR(10 g) = 4.01 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 8.64 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Date(s) of Evaluation</u> October 04-17, 2011	<u>Test Report Serial No.</u> 090211OWD-T1114-S90V	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	
	<u>Test Report Issue Date</u> November 10, 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 A9

Date Tested: 10/13/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 21.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW

Frequency: 150.8 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 150.8 \text{ MHz}$; $\sigma = 0.811 \text{ mho/m}$; $\epsilon_r = 62.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 4.09 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

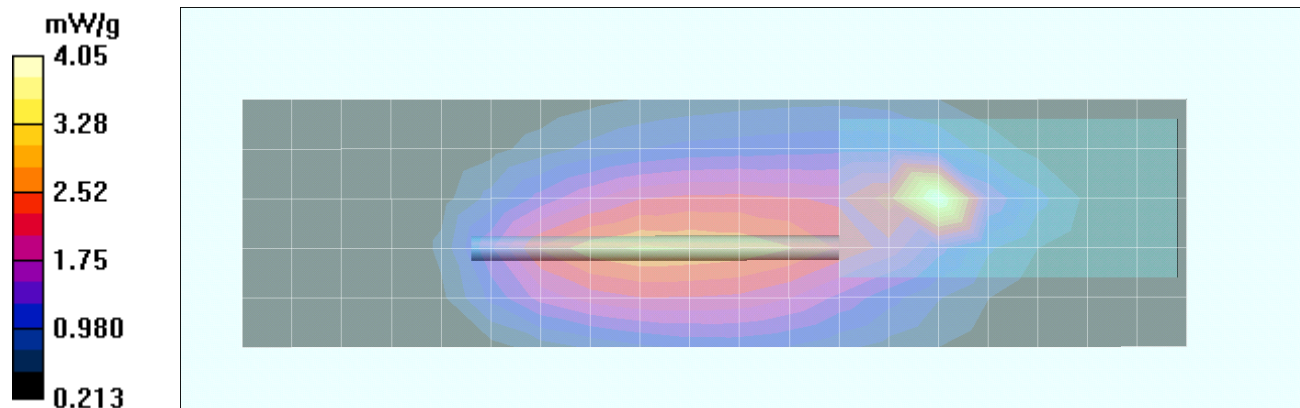
Reference Value = 49.2 V/m; Power Drift = -0.206 dB

Peak SAR (extrapolated) = 19.9 W/kg

SAR(1 g) = 4.3 mW/g; SAR(10 g) = 2.06 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 4.05 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Date(s) of Evaluation</u> October 04-17, 2011	<u>Test Report Serial No.</u> 090211OWD-T1114-S90V	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot A10

Date Tested: 10/13/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 21.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW

Frequency: 150.8 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 150.8 \text{ MHz}$; $\sigma = 0.811 \text{ mho/m}$; $\epsilon_r = 62.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 8.93 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

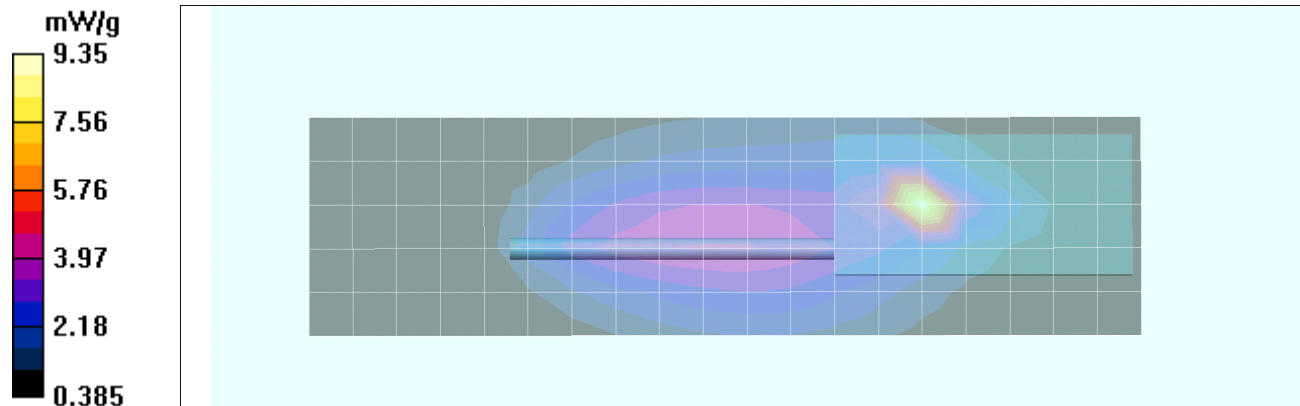
Reference Value = 62.2 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 50.3 W/kg

SAR(1 g) = 9.91 mW/g; SAR(10 g) = 4.36 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 9.35 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Date(s) of Evaluation</u> October 04-17, 2011	<u>Test Report Serial No.</u> 090211OWD-T1114-S90V	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	
	<u>Test Report Issue Date</u> November 10, 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 A11

Date Tested: 10/13/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 21.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW

Frequency: 150.8 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 150.8 \text{ MHz}$; $\sigma = 0.811 \text{ mho/m}$; $\epsilon_r = 62.6$; $\rho = 1000 \text{ kg/m}^3$

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 9.33 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

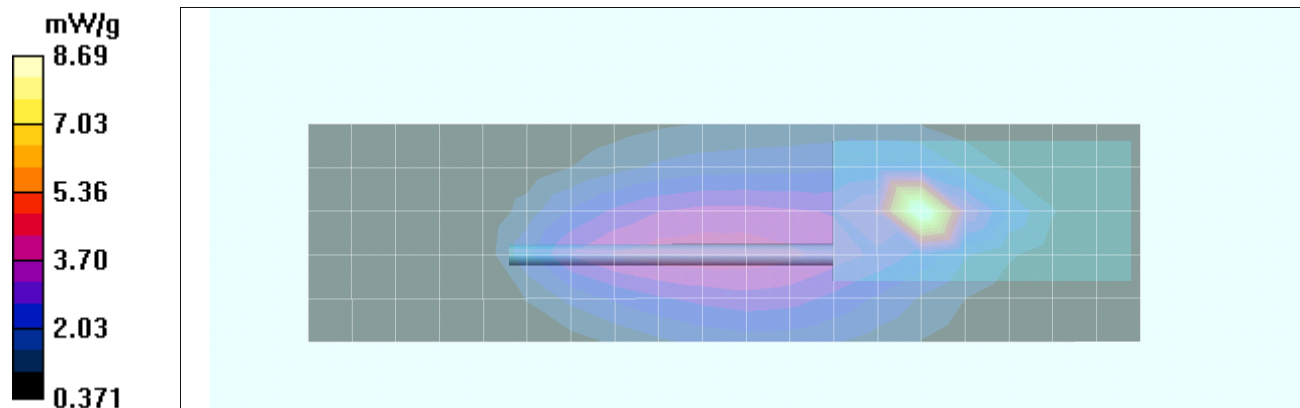
Reference Value = 61.8 V/m; Power Drift = -0.179 dB

Peak SAR (extrapolated) = 45.5 W/kg

SAR(1 g) = 9.32 mW/g; SAR(10 g) = 4.21 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 8.69 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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	<u>Date(s) of Evaluation</u> October 04-17, 2011	<u>Test Report Serial No.</u> 090211OWD-T1114-S90V	<u>Test Report Revision No.</u> Rev. 1.0 (1st Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> November 10, 2011	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

Body SAR Plot A12

Date Tested: 10/13/2011

DUT: Harris P5500 VHF; Type: Portable VHF PTT Radio Transceiver; Serial: Re-VT-004

Ambient Temp: 22C; Fluid Temp: 21.9C; Barometric Pressure: 101.1 kPa; Humidity: 31%

Communication System: CW

Frequency: 150.8 MHz; Duty Cycle: 1:1

Medium: M150 Medium parameters used (interpolated): $f = 150.8$ MHz; $\sigma = 0.811$ mho/m; $\epsilon_r = 62.6$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1590; ConvF(8.3, 8.3, 8.3); 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: Side Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Area Scan (6x20x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 9.67 mW/g

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

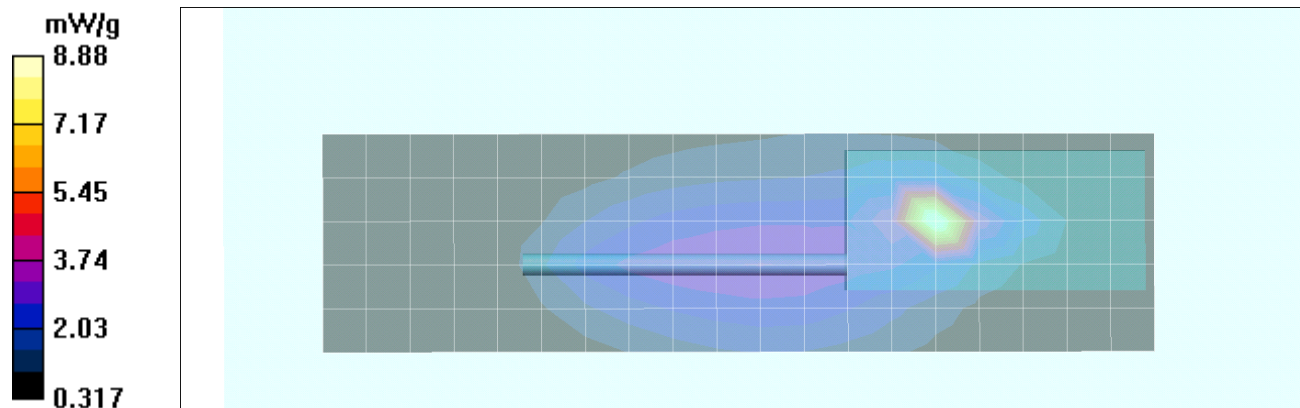
Reference Value = 63.0 V/m; Power Drift = -1.01 dB

Peak SAR (extrapolated) = 45.1 W/kg

SAR(1 g) = 9.31 mW/g; SAR(10 g) = 4.18 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 8.88 mW/g



Applicant:	HARRIS Corporation	FCC ID:	OWDTR-0067-E	IC:	363B-0067	
DUT Type:	Portable VHF PTT Radio Transceiver	DUT Model:	P5500 VHF	138-144 / 150.8-173.4 MHz		
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