

Test Report S/N:	012005ALH-T612-S90F
Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation

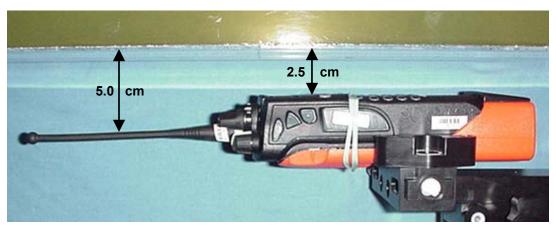
APPENDIX D - SAR TEST SETUP & DUT PHOTOGRAPHS

Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	EFJohnson	
DUT Type:	T Type: Portable FM PTT Radio Transceiver		Frequency Range(s): 89		896-901 / 935-940 MHz		LIJ	OHIISOH
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Test Report S/N:	012005ALH-T612-S90F
Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation

Radio Transceiver with Alkaline Battery Pack 2.5 cm Separation Distance to Planar Phantom







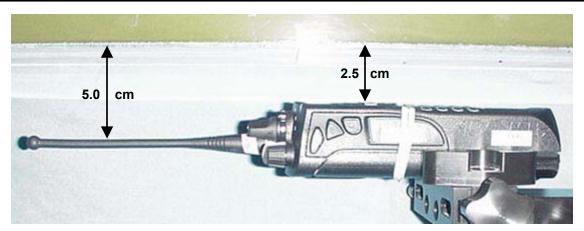


Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	M EEI	ohnson ⁻
DUT Type:	Portable FM PTT Radio	Transceiver	Frequency Ra	ange(s):	896	-901 / 935-940 MHz	LIJ	OHIISOH
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Test Report S/N:	012005ALH-T612-S90F
Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation

Radio Transceiver with NiMH Battery
2.5 cm Separation Distance to Planar Phantom







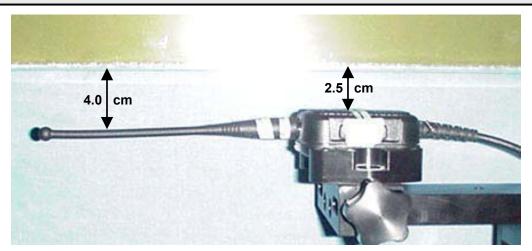


	Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	M EEI	ohncon"
ſ	DUT Type:	Portable FM PTT Radio	Transceiver	Frequency Ra	ency Range(s): 896-901 / 935-940 MHz		EFJohnson ⁻		
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Test Report S/N:	012005ALH-T612-S90F
Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation

Speaker-Microphone-Antenna with NiMH Battery 2.5 cm Separation Distance to Planar Phantom







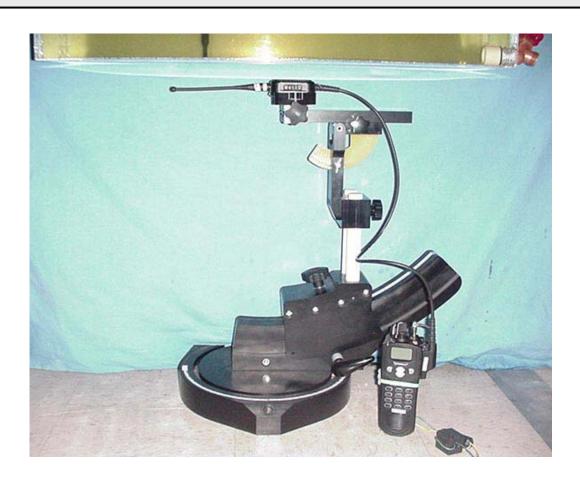


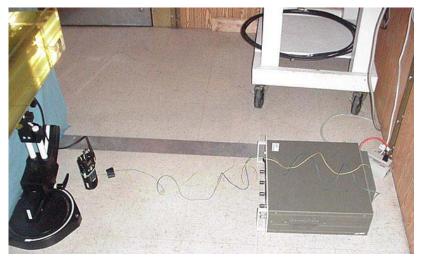
	Applicant:	E.F. Jo	ohnson Co.	Model:	5191	FCC II	D:	ATH2425191	M EEI	ohnson
	DUT Type:	Portable	FM PTT Radio	Transceiver	Frequency Ra	ange(s):	896	-901 / 935-940 MHz	LIJ	jonnson
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Test Report S/N:	012005ALH-T612-S90F
Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation

Speaker-Microphone-Antenna with External Power Supply connected to NiMH Battery Terminals on Radio 2.5 cm Separation Distance to Planar Phantom







Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	M EEI	ohnson ⁻
DUT Type:	Portable FM PTT Radio	Transceiver	Frequency Ra	ange(s):	896	-901 / 935-940 MHz	LIJ	OHIISOH
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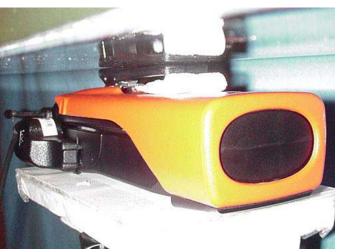
Test Report S/N:	012005ALH-T612-S90F
Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation

Radio Transceiver with Alkaline Battery Pack & Boom-Microphone Headset
1.3 cm Belt-Clip Separation Distance to Planar Phantom







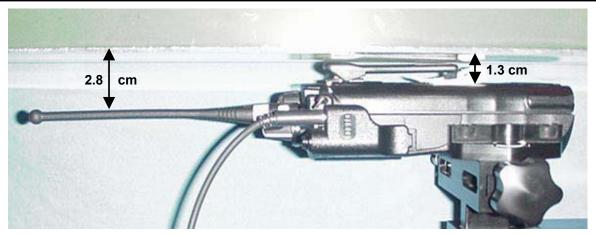


Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	EFJohnso	
DUT Type:	Portable FM PTT Radio	I PTT Radio Transceiver		Frequency Range(s):		-901 / 935-940 MHz	LIJ	OHIISOH
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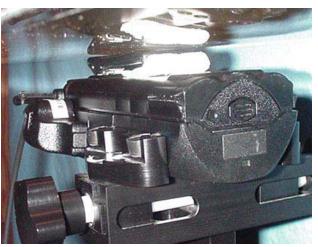
Test Report S/N:	012005ALH-T612-S90F
Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation

BODY-WORN SAR TEST SETUP PHOTOGRAPHS
Radio Transceiver with NiMH Battery, & Boom-Microphone Headset
1.3 cm Belt-Clip Separation Distance to Planar Phantom







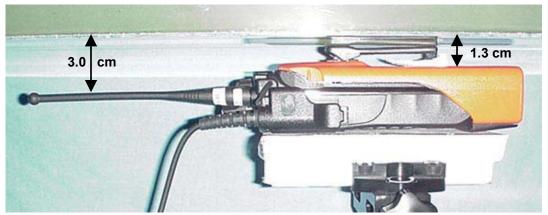


Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	M EEI	ohncon"	
DUT Type:	T Type: Portable FM PTT Radio Transceiver		Frequency Range(s): 8		896	-901 / 935-940 MHz	EFJohnson		
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Test Report S/N:	012005ALH-T612-S90F
Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation

Radio Transceiver with Alkaline Battery Pack & Speaker-Microphone
1.3 cm Belt-Clip Separation Distance to Planar Phantom







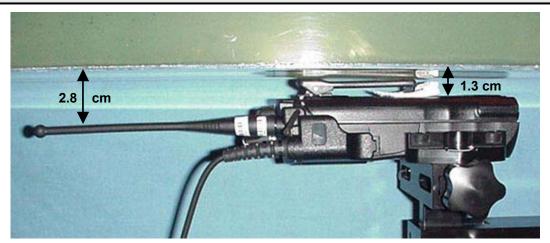


Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	M EEI	ohncon'
DUT Type:	Portable FM PTT Radio	Transceiver	Frequency Ra	ange(s):	896	-901 / 935-940 MHz	EFJohnso	
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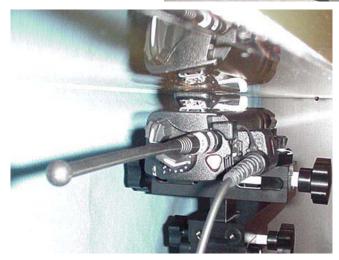


Test Report S/N:	012005ALH-T612-S90F
Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation

Radio Transceiver with NiMH Battery & Speaker-Microphone
1.3 cm Belt-Clip Separation Distance to Planar Phantom









Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	M EEI	ohnson [*]
DUT Type:	Portable FM PTT Radio	Transceiver	Frequency Ra	ange(s):	896	-901 / 935-940 MHz	LIJ	UHISUH
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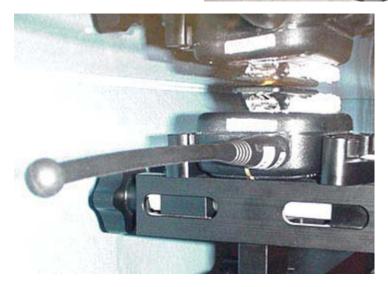


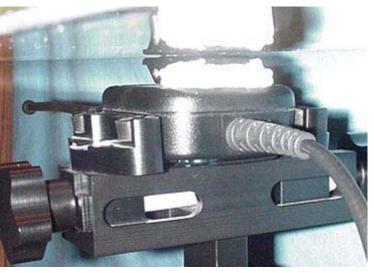
Test Report S/N:	012005ALH-T612-S90F
Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation

Speaker-Microphone-Antenna with NiMH Battery
1.2 cm Lapel-Clip Separation Distance to Planar Phantom







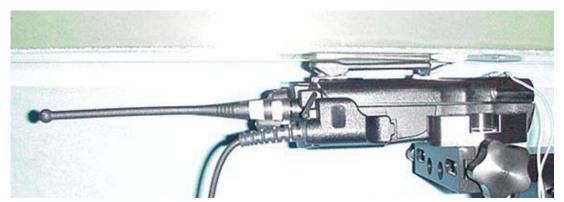


Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	EFJohnson		
DUT Type:	T Type: Portable FM PTT Radio Transceiver		Frequency Range(s): 8		896	-901 / 935-940 MHz	Li joilisoit		
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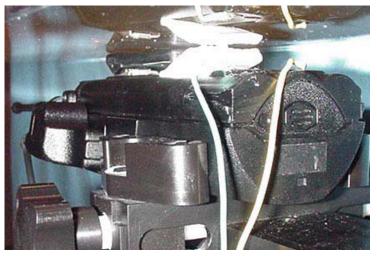
Test Report S/N:	012005ALH-T612-S90F
Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation

Radio Transceiver with External Power Supply connected to NiMH Battery Terminals 1.3 cm Belt-Clip Separation Distance to Planar Phantom - with Speaker-Microphone









Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	M EEI	ohnson [*]
DUT Type:	Portable FM PTT Radio	Transceiver	Frequency Ra	ange(s):	896	-901 / 935-940 MHz	LIJ	UHISUH
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Test Report S/N:	012005ALH-T612-S90F
Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation

SAR TEST SETUP PHOTOGRAPHS



Face-Held Configuration



Body-Worn Configuration

Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D: ATH2425191		M CCI	ohncon-
DUT Type:	Portable FM PTT Radio	Transceiver	Frequency Ra	ange(s):	896	-901 / 935-940 MHz	EFJohnson	
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Test Report S/N:	012005ALH-T612-S90F
Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation



Front of Radio with Whip Antenna & Alkaline Battery Pack



Front of DUT with Whip Antenna & NiMH Battery Pack

Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	T) CEI	ohncon-		
DUT Type:	Portable FM PTT Radio	Transceiver	Frequency Ra	requency Range(s): 896-901 / 935-940 MHz		Range(s): 896		-901 / 935-940 MHz	EFJohnson	
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Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation



Back of DUT with Alkaline Battery Pack



Back of DUT with Alkaline Battery Pack & Belt-Clip



Back of DUT with NiMH Battery Pack



Back of DUT with NiMH Battery Pack with Belt-Clip

Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	M EEI	ohnson ⁻
DUT Type:	Portable FM PTT Radio	Transceiver	Frequency Ra	ange(s):	896	-901 / 935-940 MHz	LIJ	OHIISOH
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Test Report S/N:	012005ALH-T612-S90F
Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation



Top of DUT with Alkaline Battery Pack



Bottom of DUT with Alkaline Battery Pack



Top of DUT with NiMH Battery Pack



Bottom of DUT with NiMH Battery Pack

Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	M EEI	ohnson ⁻
DUT Type:	Portable FM PTT Radio	Transceiver	Frequency Ra	ange(s):	896	-901 / 935-940 MHz	LIJ	OHIISOH
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Test Report S/N:	012005ALH-T612-S90F
Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation



Left Side of DUT with Alkaline Battery Pack & Belt-Clip



Right Side of DUT with Alkaline Battery Pack & Belt-Clip



Belt-Clip Accessory (Plastic with metal spring) with Alkaline Battery Pack

Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	M EEI	EFJohnson [*]	
DUT Type:	: Portable FM PTT Radio Transceiver		Frequency Range(s): 89		896	-901 / 935-940 MHz	LI JOHNSON		
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Test Report S/N:	012005ALH-T612-S90F
Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation



Right Side of DUT with NiMH Battery & Belt-Clip



Left Side of DUT with NiMH Battery & Belt-Clip



Belt-Clip Accessory (Plastic with metal spring) with NiMH Battery

Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	M EEI	ohnson ⁻
DUT Type:	Portable FM PTT Radio	Transceiver	Frequency Ra	ange(s):	896	-901 / 935-940 MHz	LIJ	OHIISOH
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Test Type:	FCC SAR Evaluation



Alkaline Battery Pack Holder



Alkaline Battery Pack

Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	T) CEI	ohnson ⁻	
DUT Type:	Portable FM PTT Radio	o Transceiver	Frequency Ra	ange(s):	896	-901 / 935-940 MHz	LI	OHIISOH	
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Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation



Alkaline Battery Pack



Alkaline Battery Pack



Alkaline Battery Casing

Applicant:	E.F. Johnson Co.	Model: 5191 FCC ID: ATI		ATH2425191	EE!	ohncon"		
DUT Type:	Portable FM PTT Radio	Transceiver	Frequency Ra	ange(s):	896	-901 / 935-940 MHz	EFJohnso	
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Test Type:	FCC SAR Evaluation



Duracell Procell Alkaline Battery Pack



Energizer E91 Alkaline Battery Pack

Applicant:	E.F. Johnson Co.	Model: 5191 FCC ID: ATH2425191		ATH2425191	T) CEI	ohncon-		
DUT Type:	Portable FM PTT Radio	Transceiver	Frequency Ra	ange(s):	896	-901 / 935-940 MHz	EFJohnso	
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Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation







Radio Battery Compartment

NiMH Battery

NiMH Battery



Detachable 1/2-Wave Whip Antenna

Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	M) CCI	ohnson [*]
DUT Type:	Portable FM PTT Radio	Transceiver	Frequency Ra	ange(s):	896	-901 / 935-940 MHz	CI.	OHIISOH
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Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation







Radio with Speaker-Microphone Accessory & Alkaline Battery Pack

Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	M EEI	ohnson ⁻
DUT Type:	Portable FM PTT Radio	Transceiver	Frequency Ra	ange(s):	896	-901 / 935-940 MHz	LIJ	OHIISOH
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Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation



Radio with Boom-Microphone Headset Accessory & NiMH Battery Pack



Radio with Speaker-Microphone Accessory & NiMH Battery Pack

Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	M EEI	ohnson ⁻
DUT Type:	Portable FM PTT Radio	Transceiver	Frequency Ra	ange(s):	896	-901 / 935-940 MHz	LIJ	OHIISOH
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Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation

Speaker-Microphone-Antenna with Lapel-Clip



Front Side



Top Side



Left Side



Right Side



Bottom Side

Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	M EEI	ohnson ⁻
DUT Type:	Portable FM PTT Radio	Transceiver	Frequency Ra	ange(s):	896	-901 / 935-940 MHz	LIJ	OHIISOH
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Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation

DUT PHOTOGRAPHS
Speaker-Microphone-Antenna with Lapel-Clip





Left Side with Whip Antenna



Right Side with Whip Antenna

Front	Side	with	Whip	Antenna
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Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	M EEI	ohncon-	
DUT Type:	e: Portable FM PTT Radio Transceiver		Frequency Range(s): 896-9		-901 / 935-940 MHz	EFJohnson ⁻			
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Test Report S/N:	012005ALH-T612-S90F
Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation

DUT PHOTOGRAPHSSpeaker-Microphone-Antenna with Lapel Clip



	Applicant:	E.F. Johnson Co.	Model:	5191	FCC II	D:	ATH2425191	M CCI	hncon'
ĺ	DUT Type:	: Portable FM PTT Radio Transceiver		Frequency Range(s): 896		i-901 / 935-940 MHz	EFJohnson [®]		
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Test Date(s):	January 25, 27-28, 2005
Test Type:	FCC SAR Evaluation



Radio RF Antenna Connector



Front View of Antenna Termination



Speaker-Microphone-Antenna Connector & Terminator



Back View of Antenna Termination

	Applicant:	E.F. J	ohnson Co.	Model:	5191	FCC II	D:	ATH2425191	EFJohnson	
	DUT Type:	Portabl	e FM PTT Radio	Transceiver	sceiver Frequency Range(s): 896-901 / 935-940 MHz		EFJOHIISON			
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