

Date(s) of Evaluation
May 05, 2009

Description of Test(s)
Specific Absorption Rate

<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)

RF Exposure Category
General Population



APPENDIX D - SAR TEST SETUP & DUT PHOTOGRAPHS

Applicant:	Advan	vanced Wireless Communications			FCC ID:	Q9SAWR391V2		IC:	4651A-AWR391V2		Arthur art vit
Model(s):	AWR39	91V2	DUT:	Portable FM U	HF PTT Radi	o Transceiver	Fr	Freq. Range: 460 - 470		460 - 470 MHz	
2009 Celltech I	_abs Inc.	This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						Page 33 of 47			



Test Report Issue Date May 12, 2009

Test Report Serial No. 050509Q9S-T965-S90U

<u>Description of Test(s)</u> Specific Absorption Rate <u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)

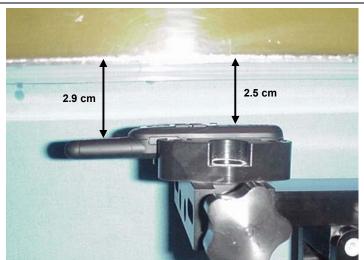
RF Exposure Category
General Population



FACE-HELD SAR TEST SETUP PHOTOGRAPHS

2.5 cm Spacing from Front Side of DUT to Planar Phantom







Applicant:	Advan	ced W	ireless Co	ommunications	FCC ID:	Q9SAWR391V	/2	IC:	465	1A-AWR391V2	(58C)
Model(s):	AWR39	91V2	DUT:	Portable FM U	HF PTT Radi	o Transceiver	Fr	Freq. Range: 460		460 - 470 MHz	ADMINISTRATION OF THE PARTY OF
2009 Celltech I	Labs Inc.	This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						Page 34 of 47			



Test Report Issue Date
May 12, 2009

<u>Test Report Serial No.</u> 050509Q9S-T965-S90U

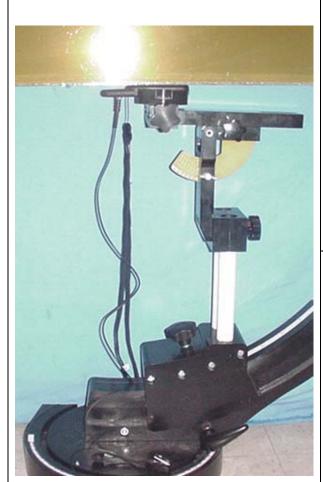
<u>Description of Test(s)</u> Specific Absorption Rate <u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)

RF Exposure Category
General Population



BODY-WORN SAR TEST SETUP PHOTOGRAPHS

Front Side of DUT Touching Planar Phantom with Lanyard Accessory
DUT with Earbud Headset Audio Accessory







Antenna Distance to Planar Phantom = 0.7 cm



Date(s) of Evaluation
May 05, 2009

<u>Test Report Serial No.</u> 050509Q9S-T965-S90U

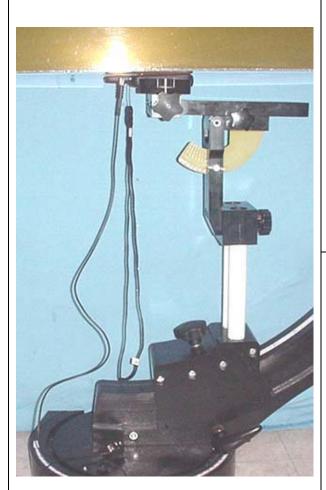
<u>Description of Test(s)</u> Specific Absorption Rate <u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)

RF Exposure Category
General Population



BODY-WORN SAR TEST SETUP PHOTOGRAPHS

Back Side of DUT Touching Planar Phantom with Lanyard Accessory
DUT with Earbud Headset Audio Accessory







Antenna Distance to Planar Phantom = 0.1 cm



Test Report Issue Date
May 12, 2009

<u>Test Report Serial No.</u> 050509Q9S-T965-S90U

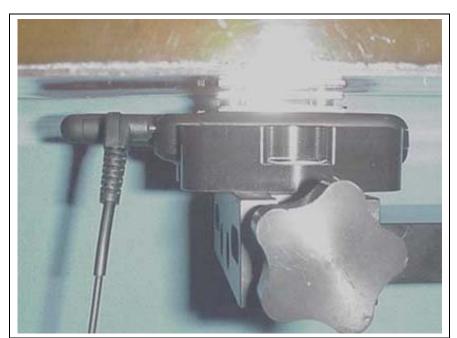
<u>Description of Test(s)</u> Specific Absorption Rate <u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)

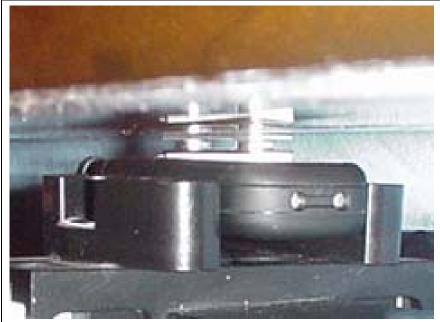
RF Exposure Category
General Population



BODY-WORN SAR TEST SETUP PHOTOGRAPHS

0.6 cm Spacing from Back Side of DUT to Planar Phantom with Magnetic Clothing Clip Accessory
DUT with Earbud Headset Audio Accessory





Antenna Distance to Planar Phantom = 0.7 cm

Applicant:	Advan	anced Wireless Communications			FCC ID:	Q9SAWR391V	'2	IC: 4651A-AWR391V2		IA-AWR391V2	(30)
Model(s):	AWR39	91V2	DUT:	Portable FM U	HF PTT Radi	o Transceiver	Freq. Range:			460 - 470 MHz	ADMINISTRA
2009 Celltech L	_abs Inc.	This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.							Page 37 of 47		



Test Report Issue Date
May 12, 2009

<u>Test Report Serial No.</u> 050509Q9S-T965-S90U

<u>Description of Test(s)</u> Specific Absorption Rate <u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)

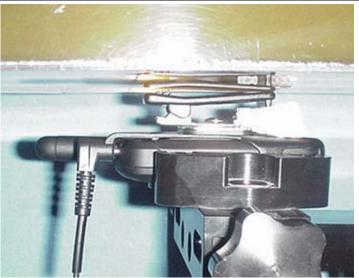
RF Exposure Category
General Population

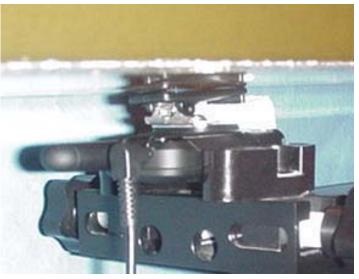


BODY-WORN SAR TEST SETUP PHOTOGRAPHS

2.0 cm Spacing from Back Side of DUT to Planar Phantom with Belt-Clip Holster Swivel Accessory Belt-Clip Swivel Position #1: 0 Degrees - DUT with Earbud Headset Audio Accessory







Antenna Distance to Planar Phantom = 2.0 cm



Test Report Issue Date
May 12, 2009

<u>Test Report Serial No.</u> 050509Q9S-T965-S90U

<u>Description of Test(s)</u> Specific Absorption Rate <u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)

RF Exposure Category
General Population

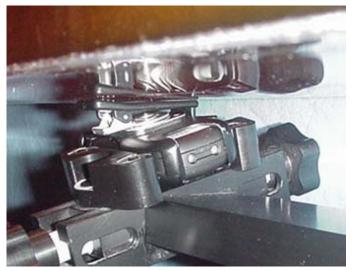


BODY-WORN SAR TEST SETUP PHOTOGRAPHS

2.0 cm Spacing from Back Side of DUT to Planar Phantom with Belt-Clip Holster Swivel Accessory
DUT with Earbud Headset Audio Accessory









Belt-Clip Swivel Position #2 = -90 Degrees

Belt-Clip Swivel Position #3 = 90 Degrees

Antenna Distance to Planar Phantom = 2.0 cm

Antenna Distance to Planar Phantom = 1.0 cm

7 thomas Diotanos to Flanar Flantoni 210 on

Applicant:	Advan	ced W	ireless Co	ommunications	FCC ID:	FCC ID: Q9SAWR391V2 IC: 4651A-AWR391V2				ATTENDED TO
Model(s):	AWR39	91V2	DUT:	Portable FM U	HF PTT Radi	o Transceiver	Transceiver Freq. Range: 460 - 470 MHz		460 - 470 MHz	ADVANCED
2009 Celltech L	_abs Inc.	This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						Page 39 of 47		



Test Report Issue Date
May 12, 2009

<u>Test Report Serial No.</u> 050509Q9S-T965-S90U

Description of Test(s)
Specific Absorption Rate

<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)

RF Exposure Category
General Population











Front Side of DUT

Back Side of DUT

Back of DUT with Battery

DUT Battery Compartment







Applicant:	Advan	ced W	ireless Co	ommunications	FCC ID:	Q9SAWR391V2		IC:	4651A-AWR391V2		
Model(s):	AWR39	91V2	DUT:	Portable FM U	HF PTT Radi	o Transceiver	Fr	Freq. Range: 460 - 470			ADMINITO
2009 Celltech I	Labs Inc.	This	This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						Page 40 of 47		



Test Report Issue Date
May 12, 2009

<u>Test Report Serial No.</u> 050509Q9S-T965-S90U

<u>Description of Test(s)</u> Specific Absorption Rate <u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)

RF Exposure Category
General Population





Left Side of DUT



Right Side of DUT





Lithium-ion Battery Model: AWB-391

Applicant:	Advan	Advanced Wireless Communications				Q9SAWR391V2		IC:	4651A-AWR391V2		A THE STREET
Model(s):	AWR39	91V2	DUT:	Portable FM U	HF PTT Radi	o Transceiver	Fr	eq. Raı	nge:	460 - 470 MHz	
2009 Celltech L	abs Inc.	c. This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						Page 41 of 47			



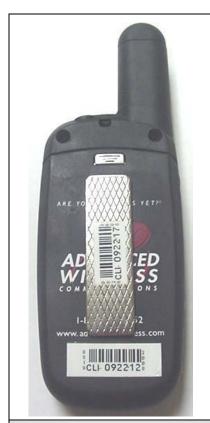
<u>Test Report Serial No.</u> 050509Q9S-T965-S90U

Description of Test(s)
Specific Absorption Rate

<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)

RF Exposure Category
General Population







Back Side of DUT with Magnetic Clip

Magnetic Clothing Clip Accessory Model: AWM-391





DUT with Magnetic Clothing Clip Accessory

Applicant:	Advan	ced W	ireless Co	ommunications	FCC ID:	Q9SAWR391V	/2	IC:	465	1A-AWR391V2	ATTENDED TO
Model(s):	AWR39	91V2	DUT:	Portable FM U	HF PTT Radi	o Transceiver	Fr	Freq. Range: 460 - 470 MHz			ADMINISTRATION OF THE PARTY OF
2009 Celltech I	Labs Inc.	This	This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						Page 42 of 47		



Test Report Issue Date
May 12, 2009

<u>Test Report Serial No.</u> 050509Q9S-T965-S90U

Description of Test(s)
Specific Absorption Rate

<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)

RF Exposure Category
General Population





Left Side of DUT with Belt-Clip Holster Swivel Accessory Model: AWHOL-391



Right Side of DUT with Belt-Clip Holster Swivel Accessory Model: AWHOL-391



Belt-Clip Holster Swivel Accessory



Bottom end of DUT with Belt-Clip Holster Swivel Accessory



Top end of DUT with Belt-Clip Holster Swivel Accessory

Applicant:	Advan	Advanced Wireless Communications				Q9SAWR391V	IC:	465	1A-AWR391V2	ATTION OF THE	
Model(s):	AWR39	91V2	DUT:	Portable FM U	HF PTT Radi	o Transceiver	Freq. Range: 4			460 - 470 MHz	ADVANCED
2009 Celltech I	_abs Inc.	c. This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						Page 43 of 47			



Test Report Issue Date May 12, 2009 <u>Test Report Serial No.</u> 050509Q9S-T965-S90U

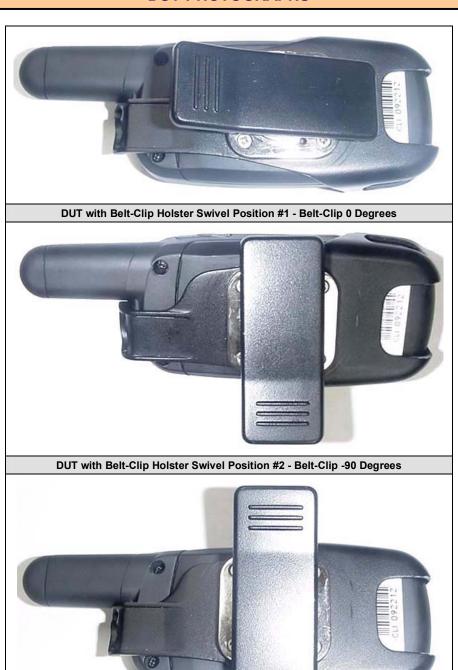
Description of Test(s)
Specific Absorption Rate

<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)

RF Exposure Category
General Population



DUT PHOTOGRAPHS



Applicant:	Advan	Advanced Wireless Communications			FCC ID:	Q9SAWR391V2		IC:	4651A-AWR391V2		ATTEN ATTEN
Model(s):	AWR39	91V2	DUT:	Portable FM U	HF PTT Radi	o Transceiver	iver Freq. Range:			460 - 470 MHz	
2009 Celltech L	abs Inc.	s Inc. This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						Page 44 of 47			

DUT with Belt-Clip Holster Swivel Position #3 - Belt-Clip 90 Degrees



Test Report Issue Date May 12, 2009 <u>Test Report Serial No.</u> 050509Q9S-T965-S90U

<u>Description of Test(s)</u> Specific Absorption Rate <u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)

RF Exposure Category
General Population





Front Side of DUT with Earbud Headset Audio Accessory Model: AWEH391



Back Side of DUT with Earbud Headset Audio Accessory Model: AWEH391

Applicant:	Advan	ced W	ireless Co	ommunications	FCC ID:	Q9SAWR391V2		IC: 4651A-AWR391		AND
Model(s):	AWR39	AWR391V2 D		Portable FM U	able FM UHF PTT Radio Transceiver		Freq. Range:		460 - 470 MHz	ADMINITED S
2009 Celltech Labs Inc. This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.								Page 45 of 47		



Description of Test(s)
Specific Absorption Rate





Applicant:	Advan	ced W	ireless Co	ommunications	FCC ID:	Q9SAWR391V2		IC:	4651A-AWR391V2		ATTENDED TO
Model(s):	AWR39	AWR391V2 DUT:		Portable FM UHF PTT Radio Transceiver		Freq. Range:		nge:	460 - 470 MHz	ADMINISTRATION OF THE PERSON O	
2009 Celltech Labs Inc. This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.								Page 46 of 47			