



	<u>Date(s) of Evaluation</u> Aug. 22 & Sept. 23-24, 2008	<u>Test Report Serial No.</u> 082108ALH-T924-S90U	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> September 25, 2008	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational / Controlled	

## APPENDIX D - SAR TEST SETUP & DUT PHOTOGRAPHS




<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	<b>KENWOOD</b>
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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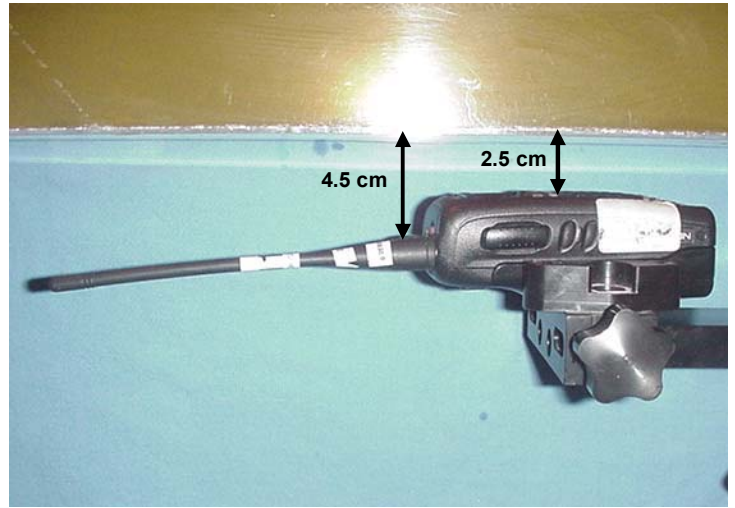
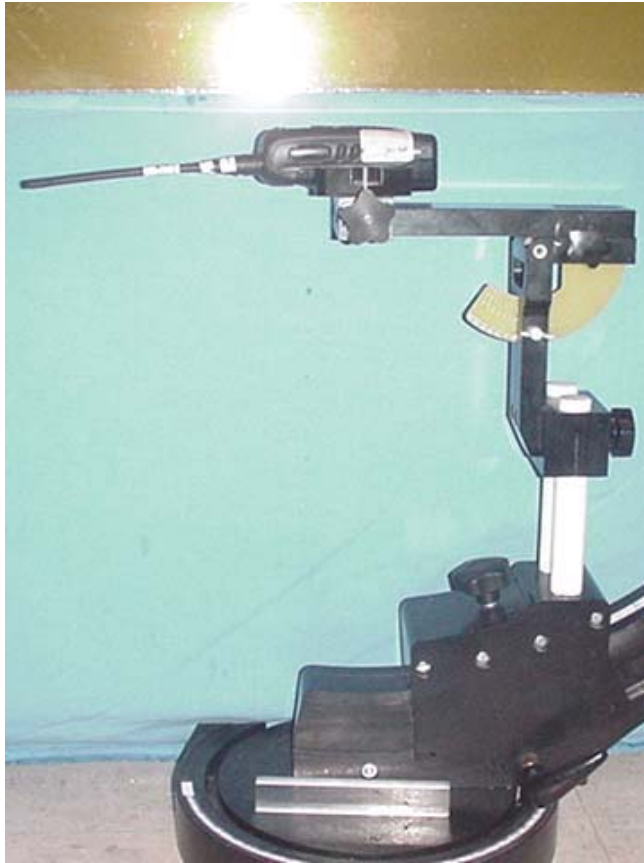
**FACE-HELD SAR TEST SETUP PHOTOGRAPHS**  
**2.5 cm Spacing from Front Side of DUT to Planar Phantom**  
**Radio Transceiver with KRA-27M Whip Antenna**






<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	<b>KENWOOD</b>
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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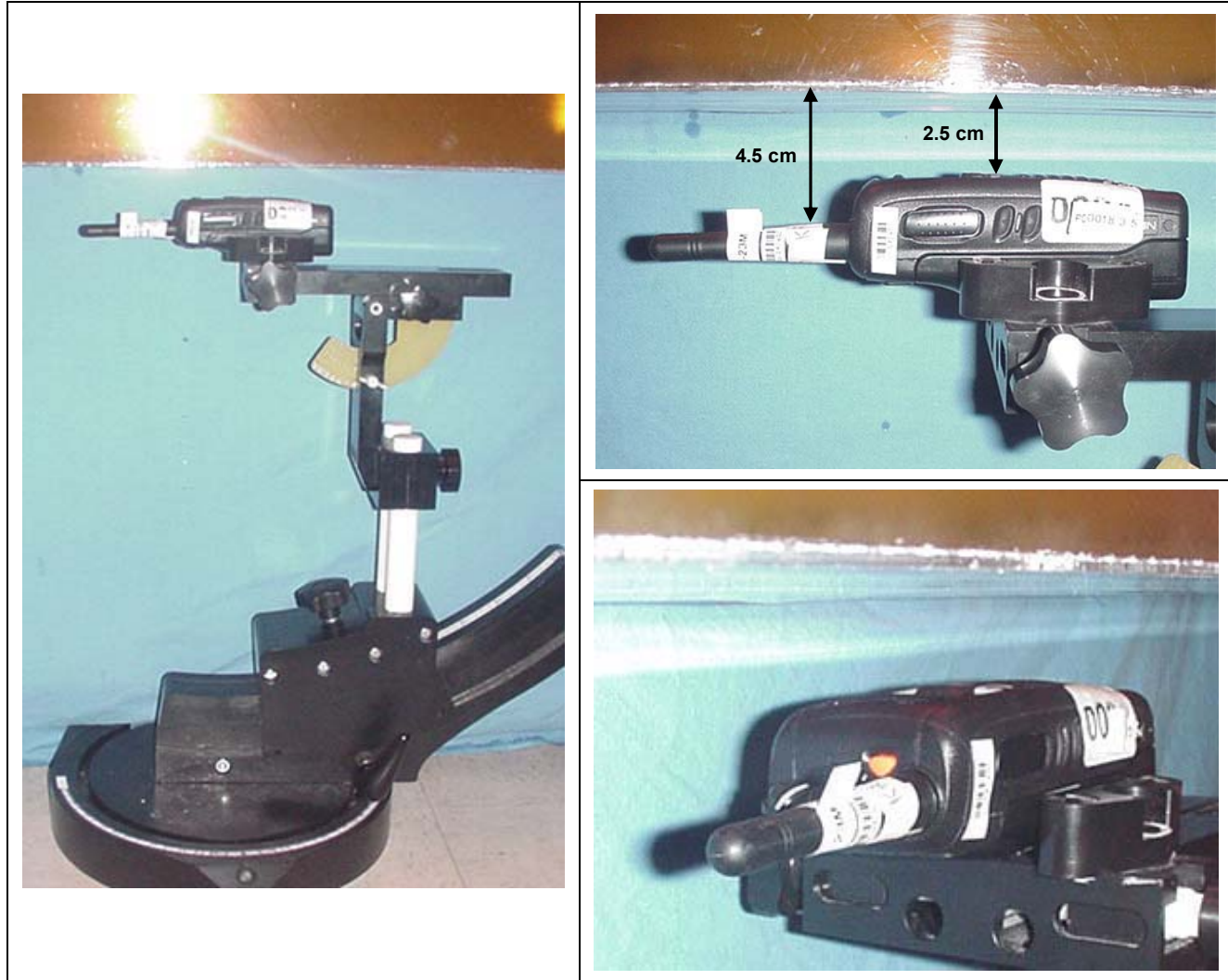
**FACE-HELD SAR TEST SETUP PHOTOGRAPHS**  
2.5 cm Spacing from Front Side of DUT to Planar Phantom  
Radio Transceiver with KRA-27M3 Whip Antenna



<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	<b>KENWOOD</b>
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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**FACE-HELD SAR TEST SETUP PHOTOGRAPHS**  
2.5 cm Spacing from Front Side of DUT to Planar Phantom  
Radio Transceiver with KRA-23M3 Stubby Antenna



<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	<b>KENWOOD</b>
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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	<u>Test Report Issue Date</u> September 25, 2008	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational / Controlled	
Test Lab Certificate No. 2470.01				

**FACE-HELD SAR TEST SETUP PHOTOGRAPHS**  
**2.5 cm Spacing from Front Side of SMA to Planar Phantom**  
**Radio with Speaker-Microphone Antenna Type (SMA)**





**Speaker-Microphone Antenna Type with KRA-27M Antenna**  
**3.1 cm antenna spacing to planar phantom**

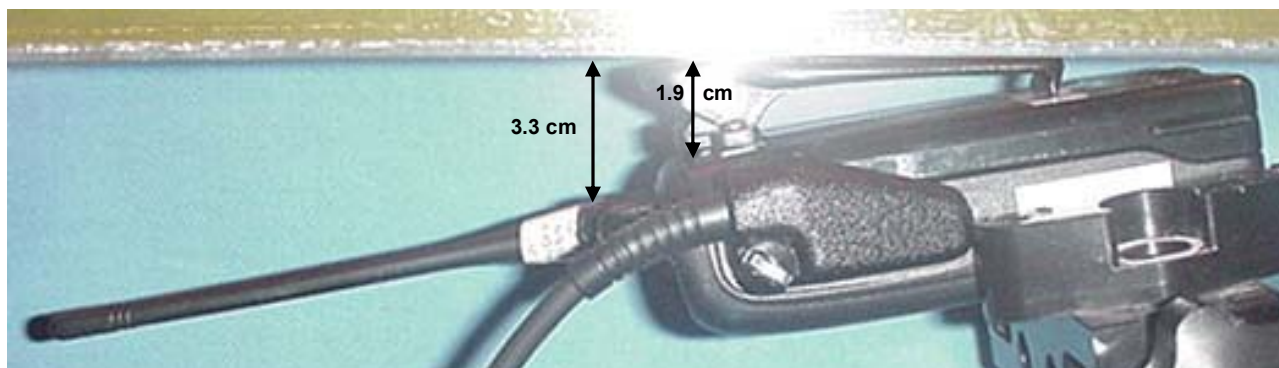


**Speaker-Microphone-Antenna Type with KRA-23M3 Antenna**  
**3.1 cm antenna spacing to planar phantom**




<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	<b>KENWOOD</b>
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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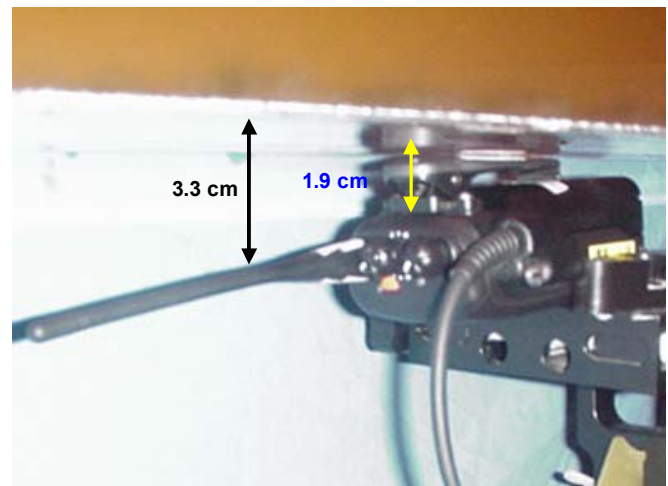
**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
1.9 cm Belt-Clip Spacing from Back of DUT to Planar Phantom  
Radio Transceiver with KRA-27M Whip Antenna & KNB-47L Battery  
DUT with Speaker-Microphone Audio Accessory



<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	<b>KENWOOD</b>
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
1.9 cm Belt-Clip Spacing from Back of DUT to Planar Phantom  
Radio Transceiver with KRA-27M Whip Antenna & KNB-48L Battery  
DUT with Speaker-Microphone Audio Accessory



Applicant:	Kenwood USA Corporation	FCC ID:	ALH378501	IC:	282D-378501	406-470 MHz	KENWOOD
Model(s):	NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4			DUT:	Portable UHF PTT Radio Transceiver		
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	<u>Date(s) of Evaluation</u> Aug. 22 & Sept. 23-24, 2008	<u>Test Report Serial No.</u> 082108ALH-T924-S90U	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	  Test Lab Certificate No. 2470.01
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**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
1.9 cm Belt-Clip Spacing from Back of DUT to Planar Phantom  
Radio Transceiver with KRA-27M Whip Antenna & KNB-50NC Battery  
DUT with Speaker-Microphone Audio Accessory

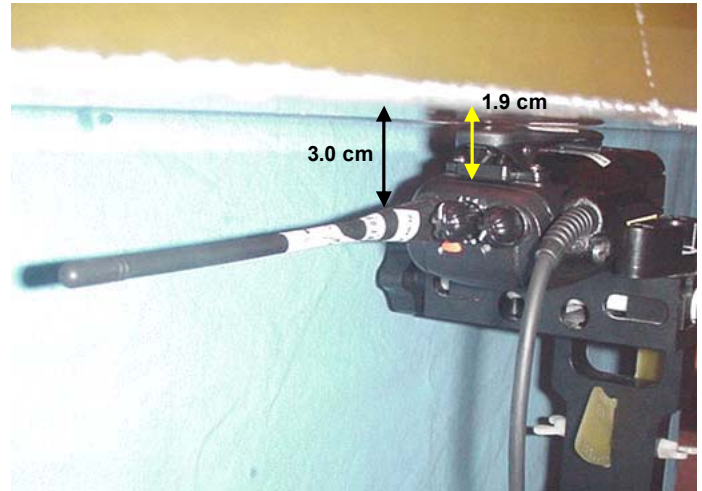


<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	<b>KENWOOD</b>
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
1.9 cm Belt-Clip Spacing from Back of DUT to Planar Phantom  
Radio Transceiver with KRA-27M3 Whip Antenna & KNB-48L Battery  
DUT with Speaker-Microphone Audio Accessory







<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	<b>KENWOOD</b>
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
1.9 cm Belt-Clip Spacing from Back of DUT to Planar Phantom  
Radio Transceiver with KRA-23M3 Stubby Antenna & KNB-47L Battery  
DUT with Speaker-Microphone Audio Accessory



<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
1.9 cm Belt-Clip Spacing from Back of DUT to Planar Phantom  
Radio Transceiver with KRA-23M/M3 Stubby Antenna & KNB-48L Battery  
DUT with Speaker-Microphone Audio Accessory



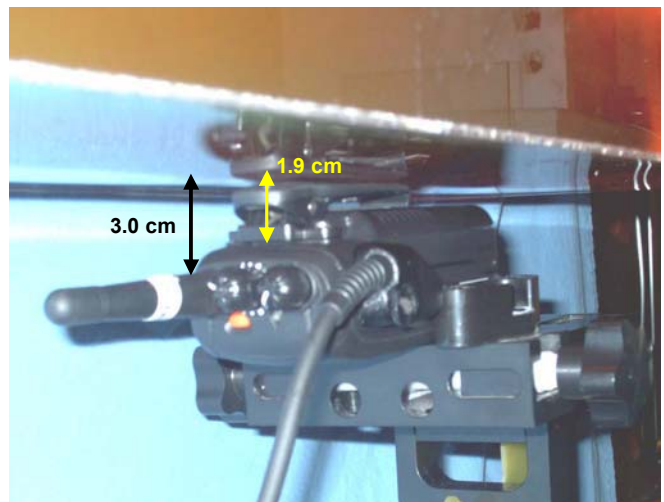
<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	<b>KENWOOD</b>
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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	<u>Test Report Issue Date</u> September 25, 2008	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational / Controlled	

Test Lab Certificate No. 2470.01

**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
**1.9 cm Belt-Clip Spacing from Back of DUT to Planar Phantom**  
**Radio Transceiver with KRA-23M3 Stubby Antenna & KNB-50NC Battery**  
**DUT with Speaker-Microphone Audio Accessory**

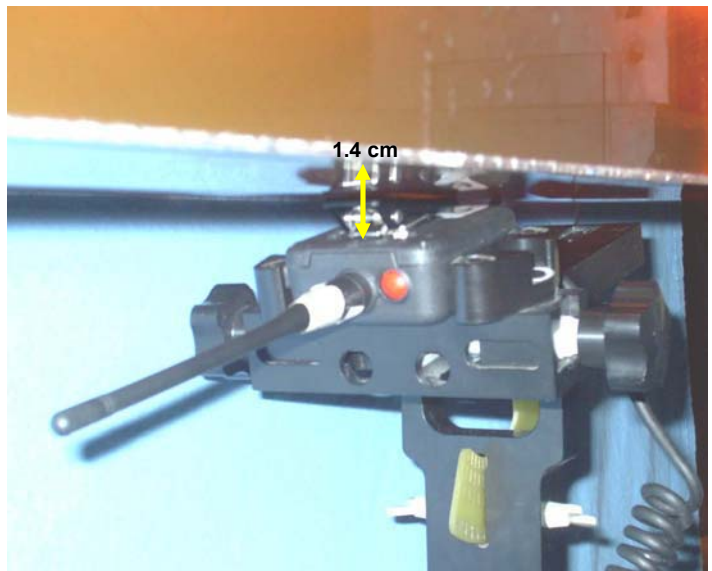
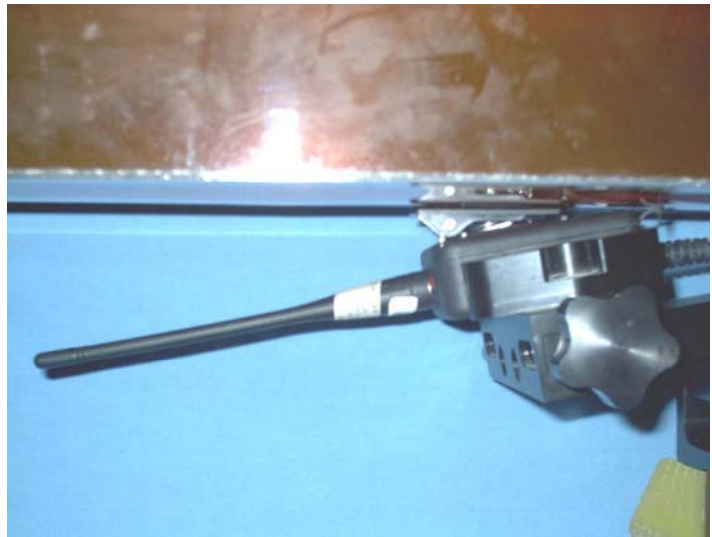


<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	<b>KENWOOD</b>
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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## BODY-WORN SAR TEST SETUP PHOTOGRAPHS

1.4 cm Lapel-Clip Spacing from Back of SMA to Planar Phantom  
Speaker-Microphone-Antenna (SMA) with KRA-27M Whip Antenna



<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	<b>KENWOOD</b>
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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	<u>Test Report Issue Date</u> September 25, 2008	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational / Controlled	

**BODY-WORN SAR TEST SETUP PHOTOGRAPHS**  
1.4 cm Lapel-Clip Spacing from Back of SMA to Planar Phantom  
Speaker-Microphone-Antenna (SMA) with KRA-23M3 Stubby Antenna



<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	<b>KENWOOD</b>
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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	<u>Test Report Issue Date</u> September 25, 2008	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational / Controlled	

Test Lab Certificate No. 2470.01

## DUT PHOTOGRAPHS



Front & Back Sides of DUT with KRA-23M Antenna



Front & Back Sides of DUT with KRA-23M3 Antenna



Front & Back Sides of DUT with KRA-27M Antenna

Front & Back Sides of DUT with KRA-27M3 Antenna

<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	<b>KENWOOD</b>
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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## DUT PHOTOGRAPHS



DUT and Speaker-Microphone with KRA-23M Antenna



DUT and Speaker-Microphone with KRA-23M3 Antenna






DUT and Speaker-Microphone with KRA-27M Antenna



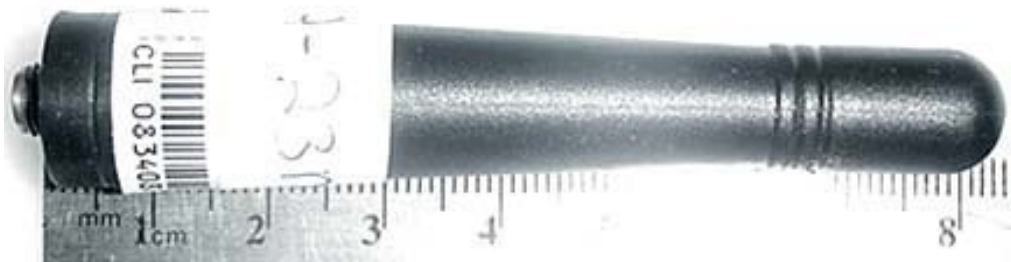
DUT and Speaker-Microphone with KRA-27M3 Antenna

<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	<b>KENWOOD</b>
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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Test Lab Certificate No. 2470.01

## DUT PHOTOGRAPHS



Stubby Antenna (P/N: KRA-23M)



Stubby Antenna (P/N: KRA-23M3)





Whip Antenna (P/N: KRA-27M)



Whip Antenna (P/N: KRA-27M3)

Applicant:	Kenwood USA Corporation	FCC ID:	ALH378501	IC:	282D-378501	406-470 MHz	KENWOOD
Model(s):	NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4			DUT:	Portable UHF PTT Radio Transceiver		
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	Test Report Issue Date September 25, 2008	Description of Test(s) Specific Absorption Rate	RF Exposure Category Occupational / Controlled	

Test Lab Certificate No. 2470.01

## DUT PHOTOGRAPHS



Left Side of Radio with Belt-Clip & Li-ion Battery (P/N: KNB-47L)



Right Side of Radio with Belt-Clip & Li-ion Battery (P/N: KNB-47L)



Left Side of Radio with Belt-Clip & Li-ion Battery (P/N: KNB-48L)



Right Side of Radio with Belt-Clip & Li-ion Battery (P/N: KNB-48L)





Left Side of Radio with Belt-Clip & Ni-MH Battery (P/N: KNB-50NC)



Right Side of Radio w/ Belt-Clip & Ni-MH Battery (P/N: KNB-50NC)

Applicant:	Kenwood USA Corporation	FCC ID:	ALH378501	IC:	282D-378501	406-470 MHz	KENWOOD
Model(s):	NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4			DUT:	Portable UHF PTT Radio Transceiver		
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## DUT PHOTOGRAPHS

		
Back of DUT with KNB-47L Li-ion Battery	Back of DUT with KNB-48L Li-ion Battery	Back of DUT w/ KNB-50NC Ni-MH Battery
		
Normal Capacity Li-ion Battery (P/N: KNB-47L)	High Capacity Li-ion Battery (P/N: KNB-48L)	Ni-MH Battery (P/N: KNB-50NC)


<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	<b>KENWOOD</b>
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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	<u>Date(s) of Evaluation</u> Aug. 22 & Sept. 23-24, 2008	<u>Test Report Serial No.</u> 082108ALH-T924-S90U	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> September 25, 2008	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational / Controlled	

## DUT PHOTOGRAPHS

				
DUT Front Side Close-up		DUT Battery Housing	Bottom end of DUT	
				
Top end of DUT		Belt-Clip P/N: KBH-11	Belt-Clip P/N: KBH-11	

<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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Test Lab Certificate No. 2470.01

## DUT PHOTOGRAPHS



Top end view of Speaker-Microphone Antenna Type (P/N: KMC-40)



Back view with Stubby Antenna




Side view of Speaker-Microphone Antenna Type (P/N: KMC-40)






Back view with Whip Antenna



Bottom end view of Speaker-Microphone Antenna Type (P/N: KMC-40)

<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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	<u>Date(s) of Evaluation</u> Aug. 22 & Sept. 23-24, 2008	<u>Test Report Serial No.</u> 082108ALH-T924-S90U	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	  Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> September 25, 2008	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational / Controlled	

## DUT PHOTOGRAPHS



Speaker-Microphone with Lapel-Clip and KRA-23M Stubby Antenna



Speaker-Microphone with Lapel-Clip and KRA-23M3 Stubby Antenna






Speaker-Microphone with Lapel-Clip and KRA-27M Whip Antenna




Speaker-Microphone with Lapel-Clip and KRA-27M3 Whip Antenna

<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	<b>KENWOOD</b>
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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	<u>Date(s) of Evaluation</u> Aug. 22 & Sept. 23-24, 2008	<u>Test Report Serial No.</u> 082108ALH-T924-S90U	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 
	<u>Test Report Issue Date</u> September 25, 2008	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational / Controlled	
Test Lab Certificate No. 2470.01				

## DUT PHOTOGRAPHS

			
Front of Speaker-Mic Antenna Type		Back of Speaker-Mic Antenna Type	Lapel-Clip on Speaker-Mic Antenna Type
			
Radio Transceiver with Speaker-Microphone Audio Accessory		Speaker-Microphone Audio Accessory (P/N: KMC-25)	

<b>Applicant:</b>	<b>Kenwood USA Corporation</b>	<b>FCC ID:</b>	<b>ALH378501</b>	<b>IC:</b>	<b>282D-378501</b>	<b>406-470 MHz</b>	
<b>Model(s):</b>	<b>NX-300-K2, NX-300-K4, TK-5320-K2, TK-5320-K4</b>			<b>DUT:</b>	<b>Portable UHF PTT Radio Transceiver</b>		
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