


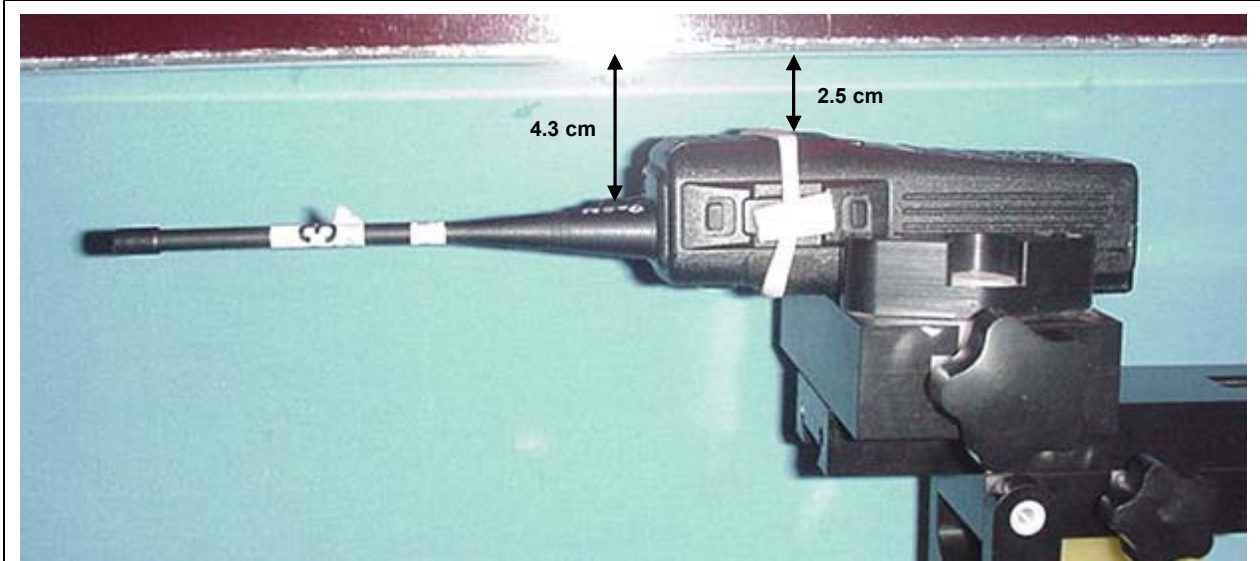
	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

APPENDIX D - SAR TEST SETUP & DUT PHOTOGRAPHS



Applicant:	Kenwood USA Corporation	FCC ID:	ALH229900	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3	TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver		
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

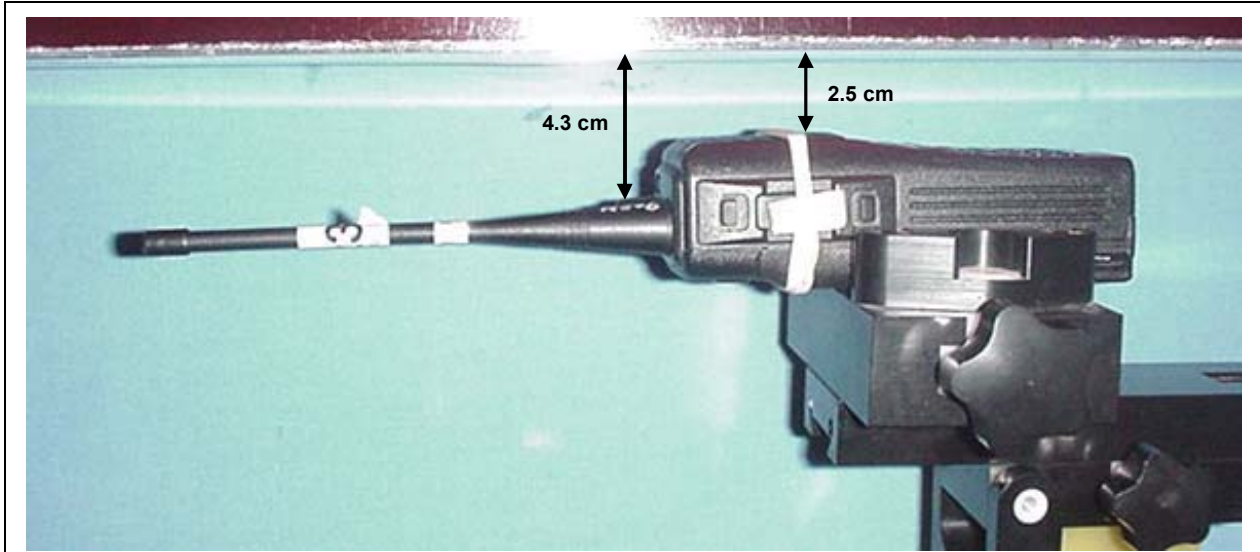
FACE-HELD SAR TEST SETUP PHOTOGRAPHS
2.5 cm Spacing from Front of DUT to Planar Phantom
DUT with Ni-Cd IS 1500mAh Battery Pack P/N: KNB-17B





Applicant:	Kenwood USA Corporation	FCC ID:	ALH229900	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3 TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver			
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

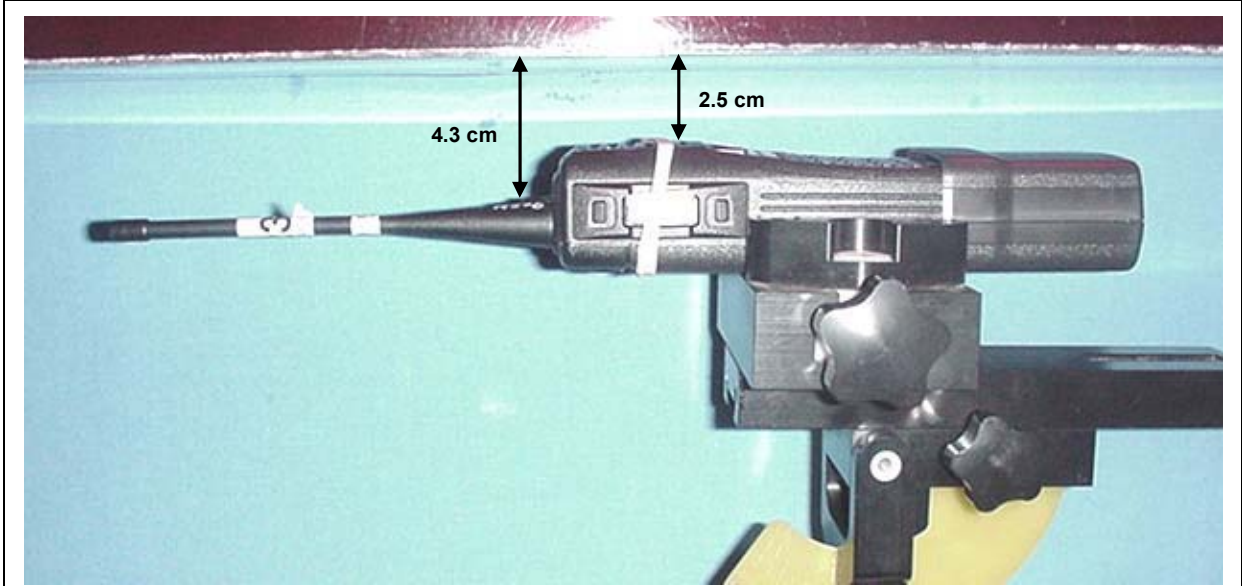
FACE-HELD SAR TEST SETUP PHOTOGRAPHS
2.5 cm Spacing from Front of DUT to Planar Phantom
DUT with Ni-MH 2100mAh Battery Pack P/N: KNB-22NC





Applicant:	Kenwood USA Corporation	FCC ID:	ALH229900	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3 TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver			
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

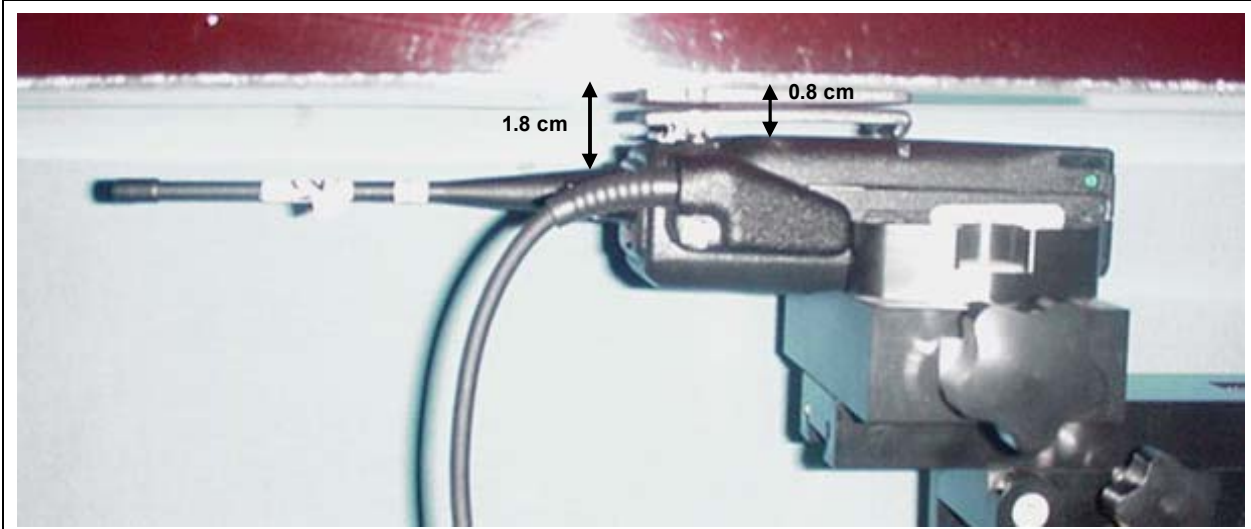
FACE-HELD SAR TEST SETUP PHOTOGRAPHS
2.5 cm Spacing from Front of DUT to Planar Phantom
DUT with Alkaline Battery Pack P/N: KBP-4





Applicant:	Kenwood USA Corporation	FCC ID:	ALH229900	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3	TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver		
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

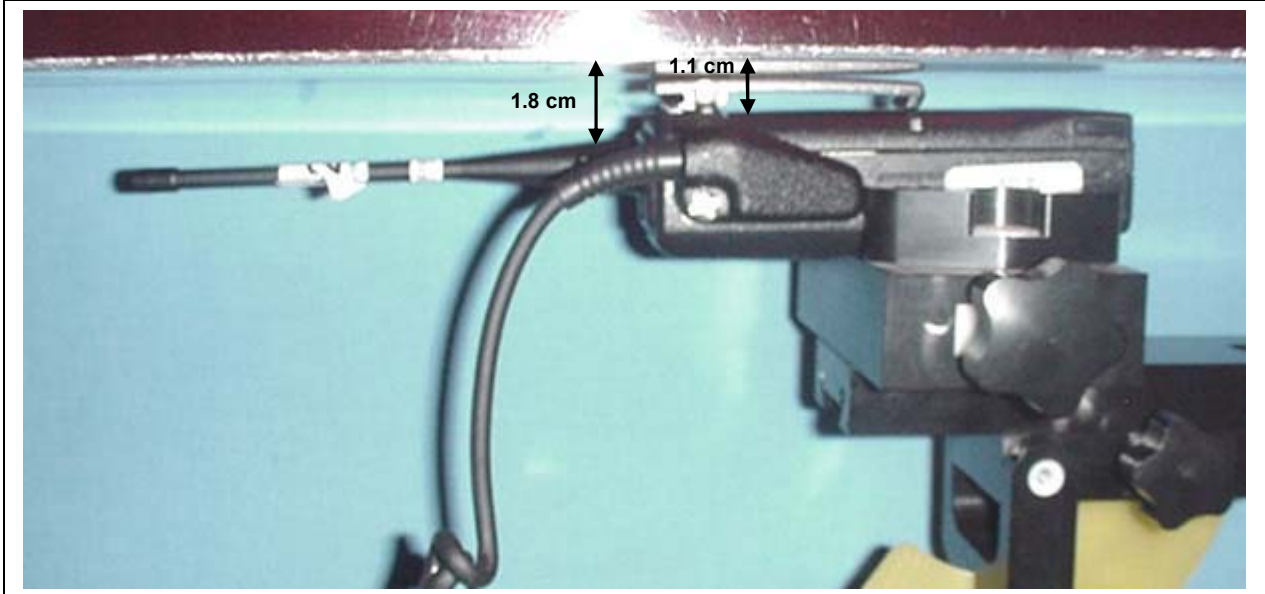
BODY-WORN SAR TEST SETUP PHOTOGRAPHS
0.8 cm Belt-Clip Accessory Spacing from Back of DUT (Battery Housing) to Planar Phantom
DUT with Ni-Cd 1500mAh Battery Pack P/N: KNB-17B & Speaker-Microphone Audio Accessory





Applicant:	Kenwood USA Corporation	FCC ID:	ALH229900	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3	TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver		
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

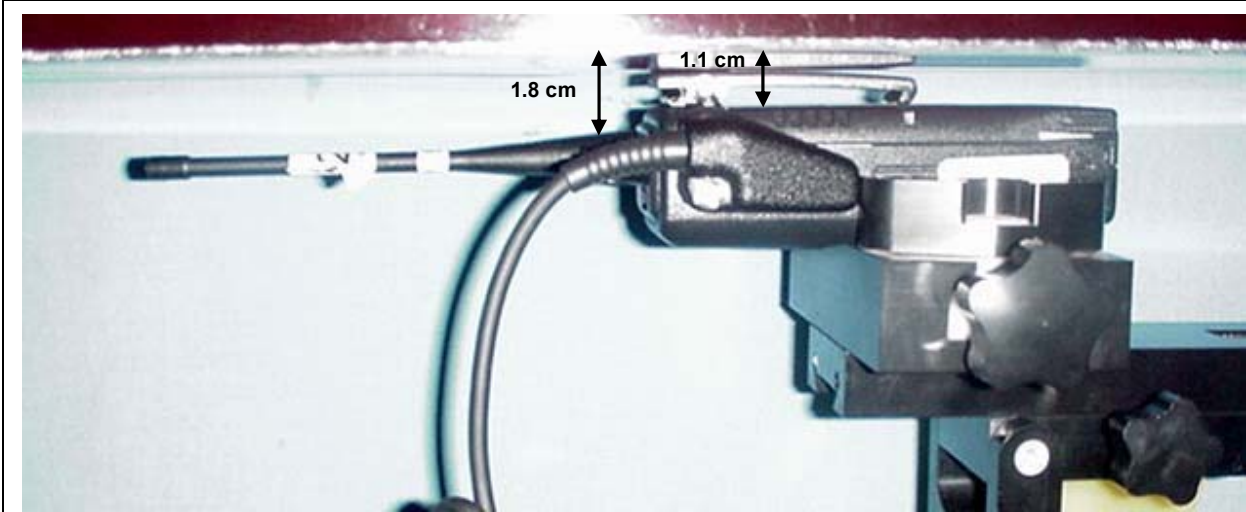
BODY-WORN SAR TEST SETUP PHOTOGRAPHS
1.1 cm Belt-Clip Accessory Spacing from Back of DUT (Battery Housing) to Planar Phantom
DUT with Ni-MH 1400mAh Battery Pack P/N: KNB-52N & Speaker-Microphone Audio Accessory





Applicant:	Kenwood USA Corporation	FCC ID:	ALH229900	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3	TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver		
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

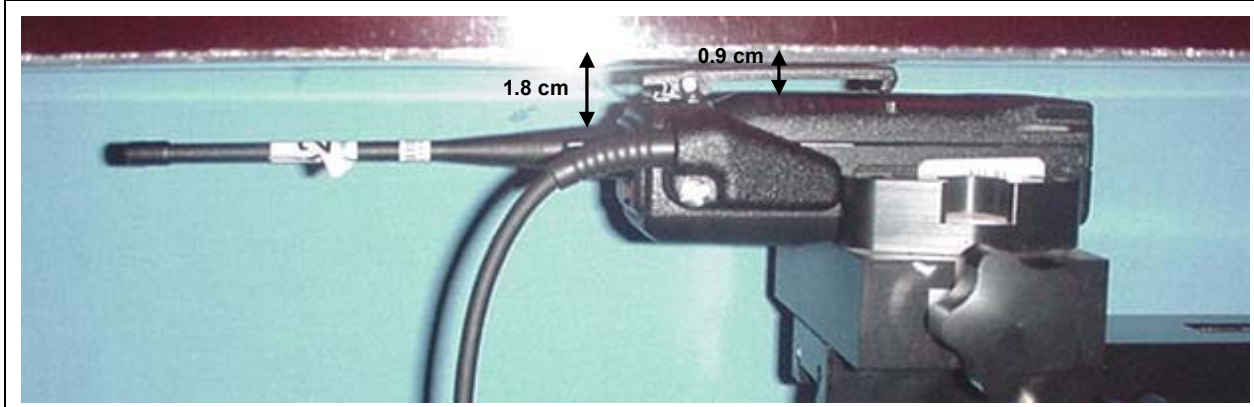
BODY-WORN SAR TEST SETUP PHOTOGRAPHS
1.1 cm Belt-Clip Accessory Spacing from Back of DUT (Battery Housing) to Planar Phantom
DUT with Ni-MH 1600mAh Battery Pack P/N: KNB-21N & Speaker-Microphone Audio Accessory





Applicant:	Kenwood USA Corporation	FCC ID:	ALH229900	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3	TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver		
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

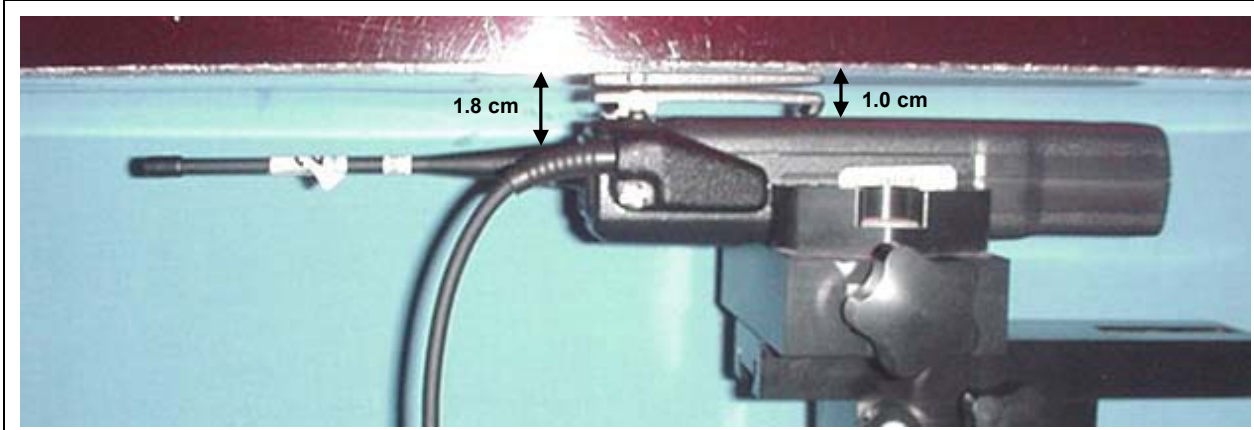
BODY-WORN SAR TEST SETUP PHOTOGRAPHS
0.9 cm Belt-Clip Accessory Spacing from Back of DUT (Battery Housing) to Planar Phantom
DUT with Ni-MH 2100mAh Battery Pack P/N: KNB-22N & Speaker-Microphone Audio Accessory





Applicant:	Kenwood USA Corporation	FCC ID:	ALH22990	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3	TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver		
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

BODY-WORN SAR TEST SETUP PHOTOGRAPHS
1.0 cm Belt-Clip Accessory Spacing from Back of DUT (Battery Housing) to Planar Phantom
DUT with Alkaline Battery Pack P/N: KBP-4 & Speaker-Microphone Audio Accessory



Applicant:	Kenwood USA Corporation	FCC ID:	ALH229900	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3	TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver		
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

DUT PHOTOGRAPHS



Whip Antenna (P/N: T90-0640-25)

Applicant:	Kenwood USA Corporation	FCC ID:	ALH229900	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3 TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver			
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

DUT PHOTOGRAPHS



Left and Right Sides of DUT with Battery and Belt-Clip removed

Bottom end of DUT without Battery & Belt-Clip





Back of DUT with Battery & Belt-Clip removed

Back of DUT with Battery removed

Top end of DUT with/without Belt-Clip & Battery

Applicant:	Kenwood USA Corporation	FCC ID:	ALH22990	IC:	282D-22990	KENWOOD
Model(s):	TK-481-3 TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver			
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

DUT PHOTOGRAPHS





Left & Right Sides of DUT with Ni-MH 1400mAh Battery P/N: KNB-52N & Belt-Clip accessory P/N: KBH-10



Ni-MH 1400mAh Battery P/N: KNB-52N

Applicant:	Kenwood USA Corporation	FCC ID:	ALH229900	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3 TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver			
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

DUT PHOTOGRAPHS





Left & Right Sides of DUT with Ni-MH 1600mAh Battery P/N: KNB-21N & Belt-Clip accessory P/N: KBH-10



Ni-MH 1600mAh Battery P/N: KNB-21N

Applicant:	Kenwood USA Corporation	FCC ID:	ALH229900	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3 TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver			
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

DUT PHOTOGRAPHS





Left & Right Sides of DUT with Ni-Cd IS 1500mAh Battery P/N: KNB-17B & Belt-Clip accessory P/N: KBH-10



Ni-Cd IS 1500mAh Battery P/N: KNB-17B

Applicant:	Kenwood USA Corporation	FCC ID:	ALH229900	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3 TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver			
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

DUT PHOTOGRAPHS





Left & Right Sides of DUT with Ni-MH IS 2100mAh Battery P/N: KNB-22NC & Belt-Clip accessory P/N: KBH-10



Ni-MH IS 2100mAh Battery P/N: KNB-22NC

Applicant:	Kenwood USA Corporation	FCC ID:	ALH229900	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3 TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver			
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

DUT PHOTOGRAPHS





Left & Right Sides of DUT with Ni-MH 2100mAh Battery P/N: KNB-22N & Belt-Clip accessory P/N: KBH-10



Ni-MH 2100mAh Battery P/N: KNB-22N

Applicant:	Kenwood USA Corporation	FCC ID:	ALH229900	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3 TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver			
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

DUT PHOTOGRAPHS



Ni-MH P/N: KNB-52N	Ni-MH P/N: KNB-21N	Ni-Cd IS P/N: KNB-17B	Ni-MH IS P/N: KNB-22NC	Ni-MH P/N: KNB-22N
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Applicant:	Kenwood USA Corporation	FCC ID:	ALH229900	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3 TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver			
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

DUT PHOTOGRAPHS



Applicant:	Kenwood USA Corporation	FCC ID:	ALH22990	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3 TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver			
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

DUT PHOTOGRAPHS





Left & Right Sides of DUT with Alkaline Battery Case P/N: KBP-4 and Belt-Clip accessory P/N: KBH-10



Top end of DUT with Alkaline Case & Belt-Clip

Bottom end of DUT with Alkaline Case & Belt-Clip

Applicant:	Kenwood USA Corporation	FCC ID:	ALH229900	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3 TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver			
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

DUT PHOTOGRAPHS



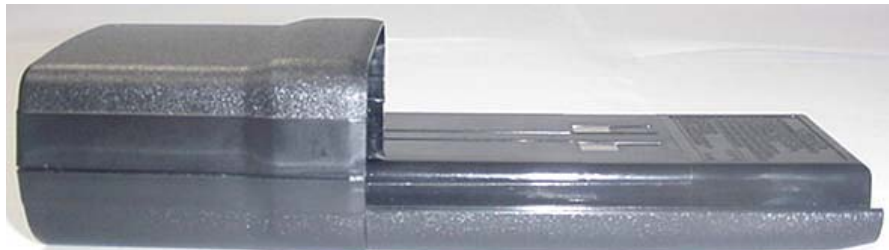
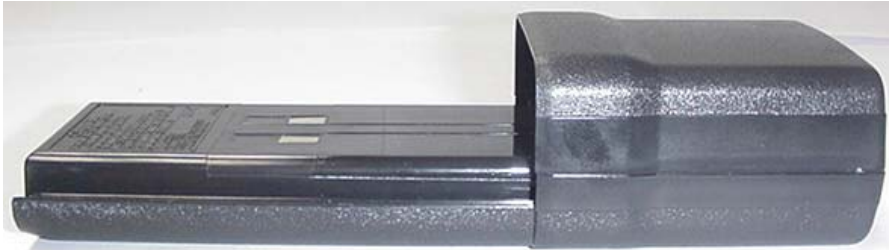
Front Side of Alkaline Battery Case



Back Side of Alkaline Battery Case





Top & Bottom ends of Alkaline Case

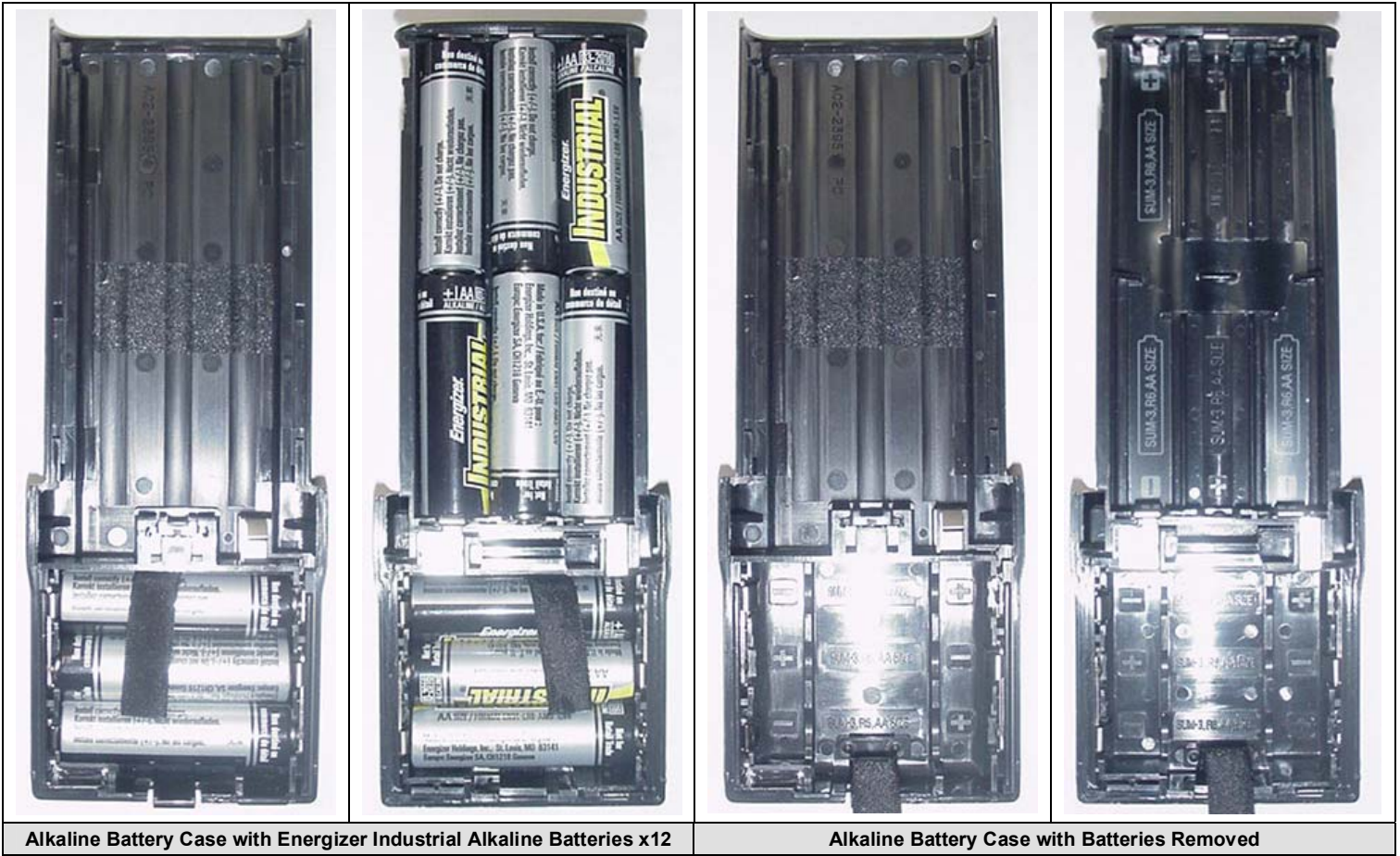


Left and Right Sides of Alkaline Battery Case P/N: KBP-4

Applicant:	Kenwood USA Corporation	FCC ID:	ALH229900	IC:	282D-229900	KENWOOD
Model(s):	TK-481-3 TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver			
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	<u>Date(s) of Evaluation</u> Dec. 23, 2009 & Jan. 04, 2010	<u>Test Report Serial No.</u> 121509ALH-T999-S90F	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> January 15, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> Occupational (Controlled)	

DUT PHOTOGRAPHS



Applicant:	Kenwood USA Corporation	FCC ID:	ALH22990	IC:	282D-22990	KENWOOD
Model(s):	TK-481-3 TK-481-4	DUT Type:	Portable Dual-Band PTT FM Radio Transceiver			
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