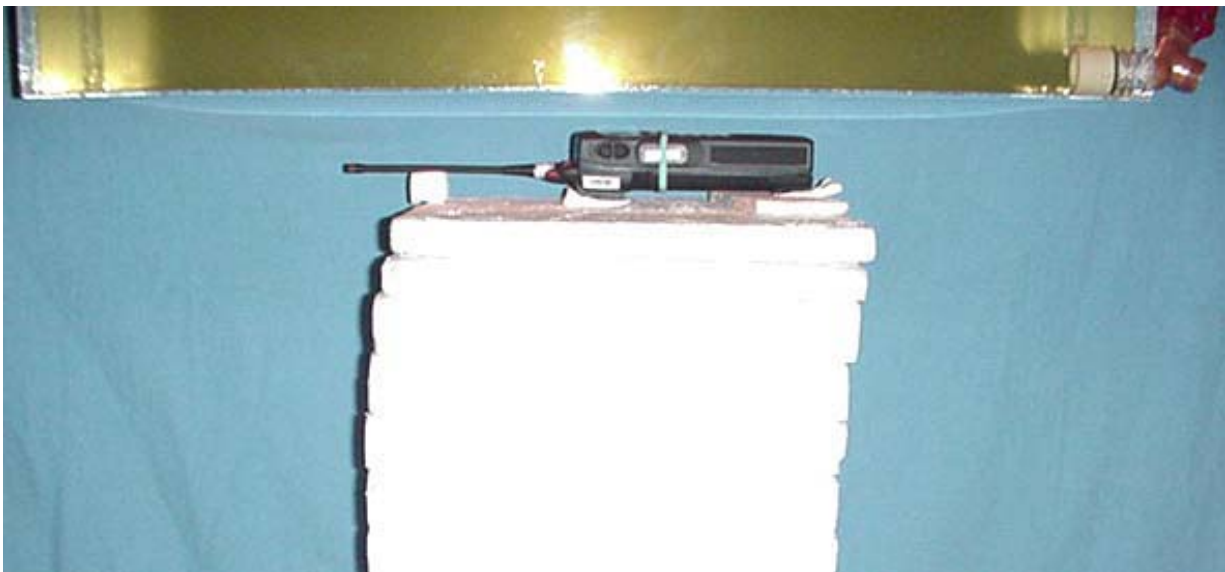
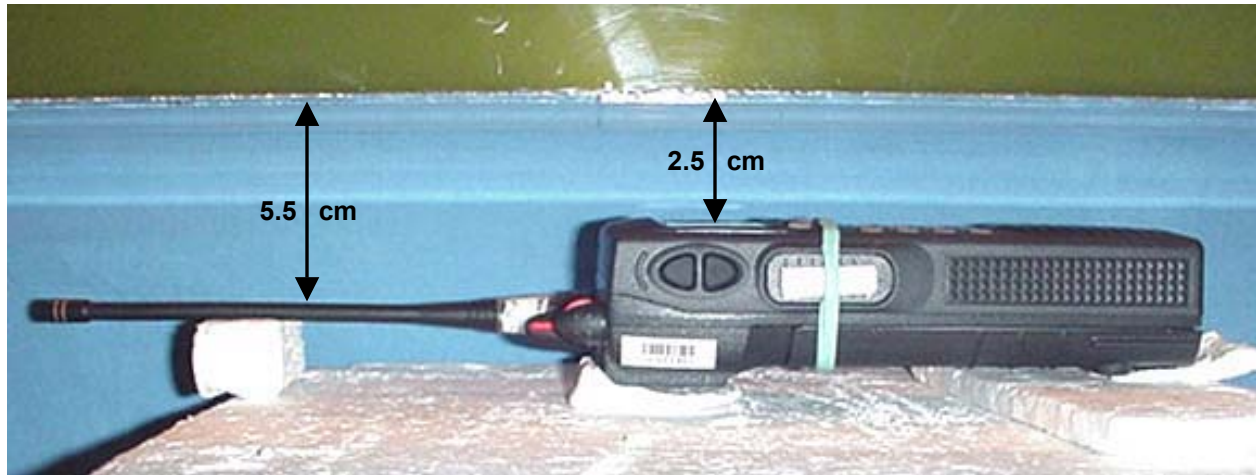


Test Report S/N:	091704OWD-T559-S90U	Test Date(s):	Sept. 21-23, Oct. 7, 19- 20, 2004
Test Type:	FCC/IC SAR RF Exposure Evaluation (Permissive Change)		

APPENDIX F - SAR TEST SETUP & DUT PHOTOGRAPHS

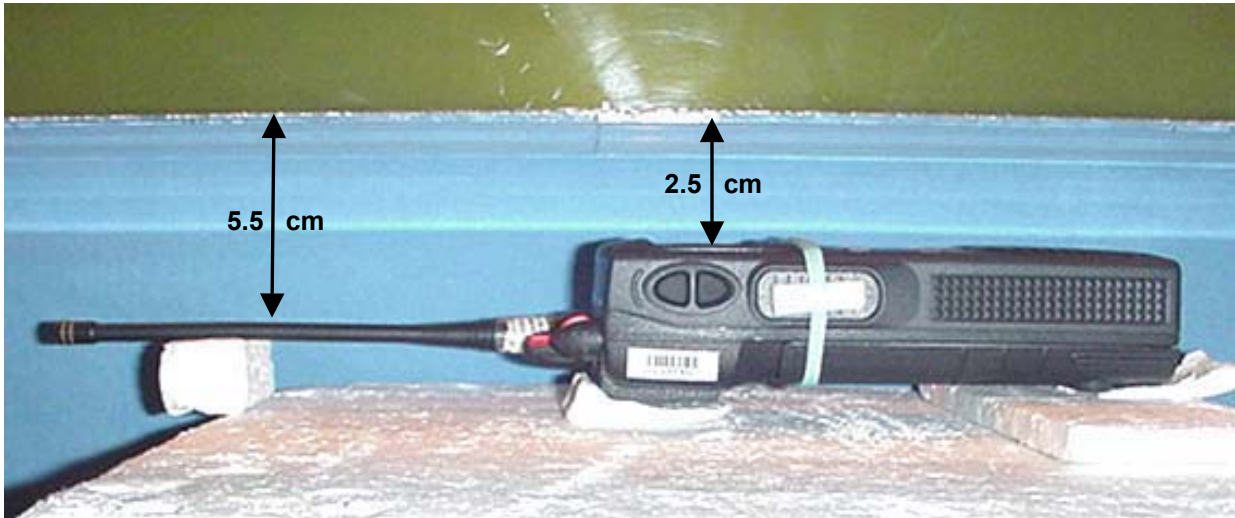
FACE-HELD SAR TEST SETUP PHOTOGRAPHS

2.5 cm Separation Distance from Front of Radio to Planar Phantom
System Radio (P/N: RU101219V62 R1B) with Quarter-Wave Whip Antenna (P/N: KRE1011223/10)

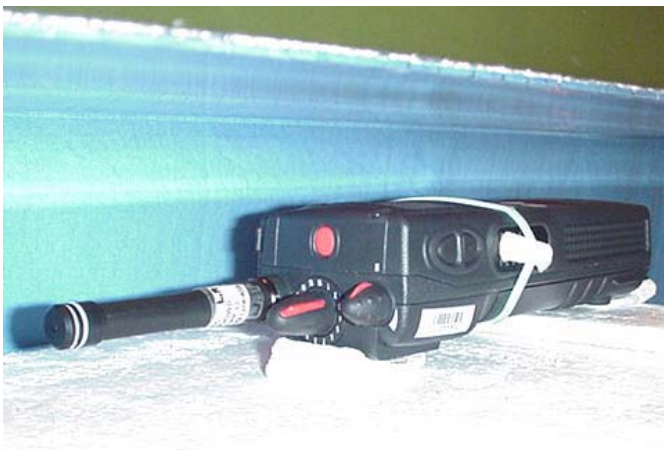
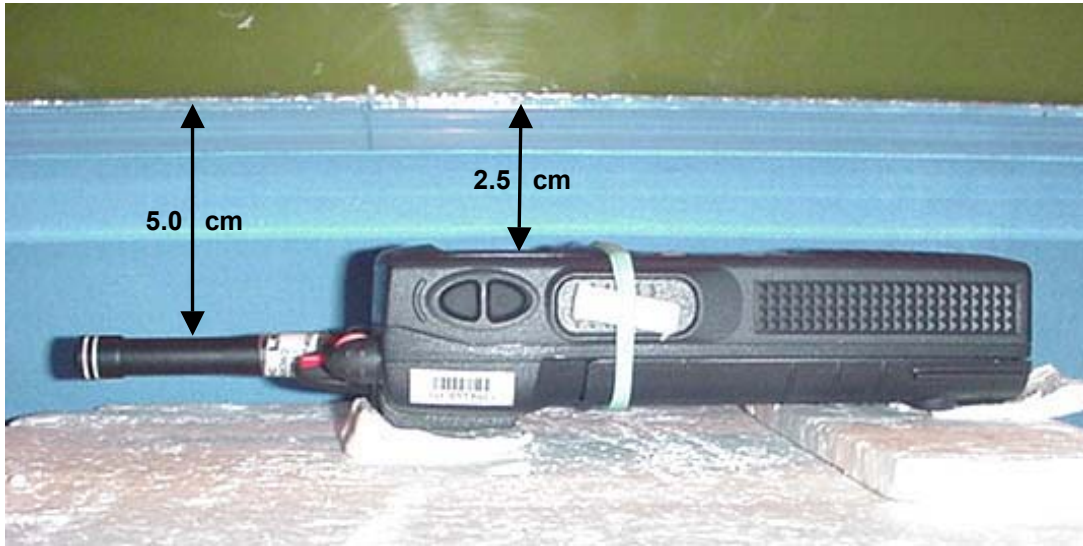


FACE-HELD SAR TEST SETUP PHOTOGRAPHS

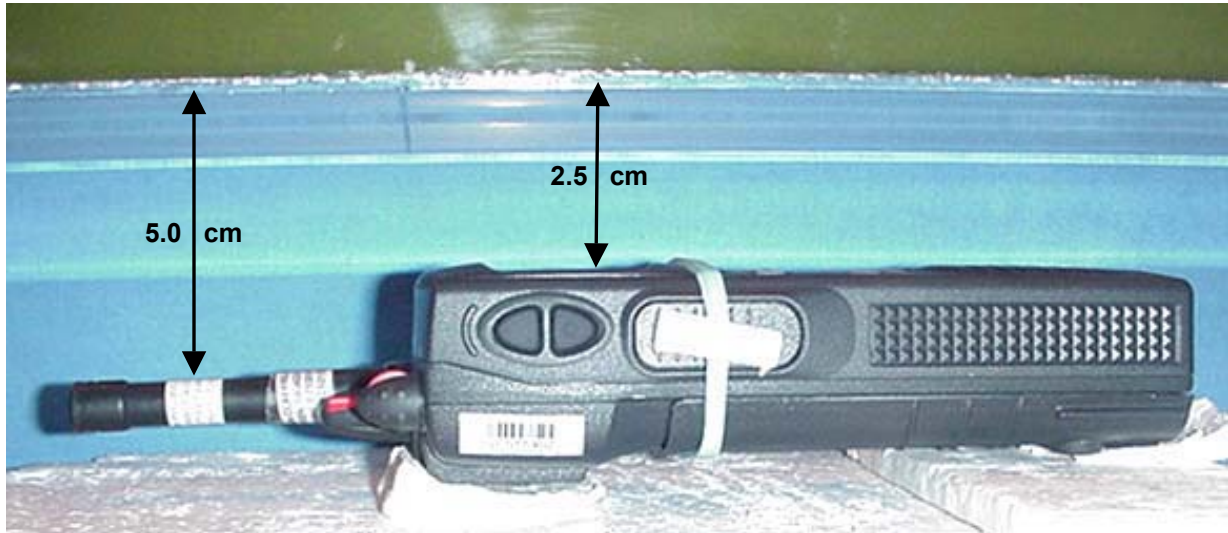
2.5 cm Separation Distance from Front of Radio to Planar Phantom
Scan Radio (P/N: RU101219V61 R1B) with Quarter-Wave Whip Antenna (P/N: KRE1011223/10)



FACE-HELD SAR TEST SETUP PHOTOGRAPHS
2.5 cm Separation Distance from Front of Radio to Planar Phantom
Scan Radio (P/N: RU101219V61 R1B) with Helical Coil Antenna (P/N: KRE1011219/9)



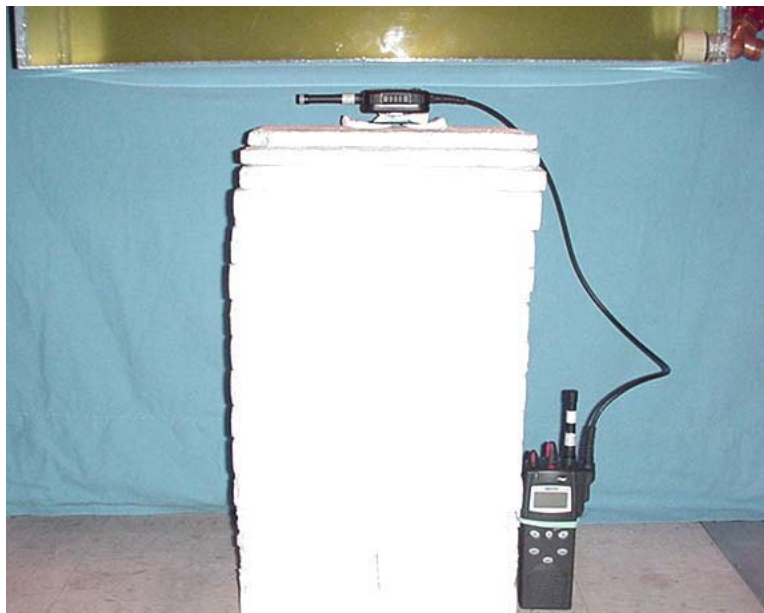
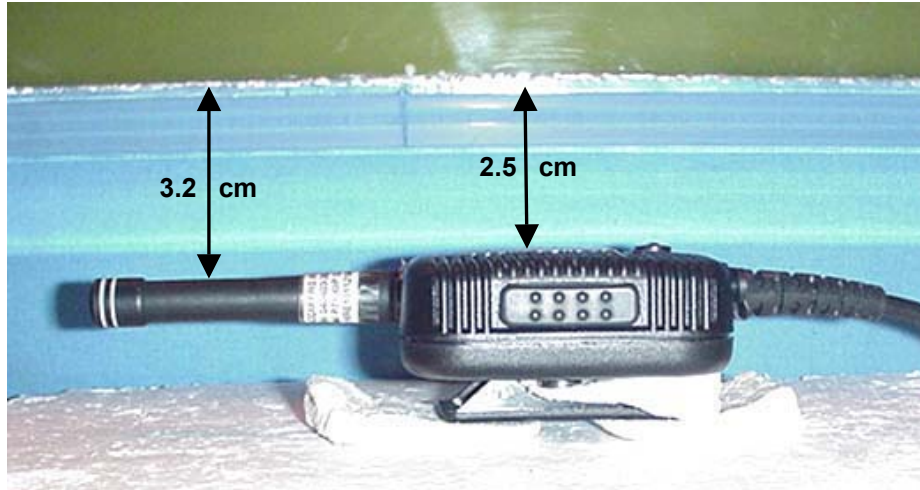
FACE-HELD SAR TEST SETUP PHOTOGRAPHS
2.5 cm Separation Distance from Front of Radio to Planar Phantom
Scan Radio (P/N: RU101219V61 R1B) with Helical Coil Antenna (P/N: KRE1011219/10)



FACE-HELD SAR TEST SETUP PHOTOGRAPHS

2.5 cm Separation Distance to Planar Phantom

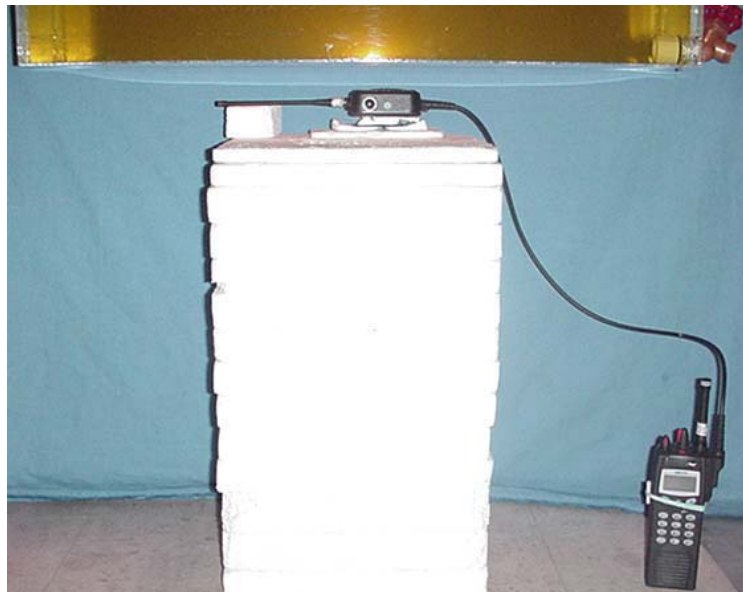
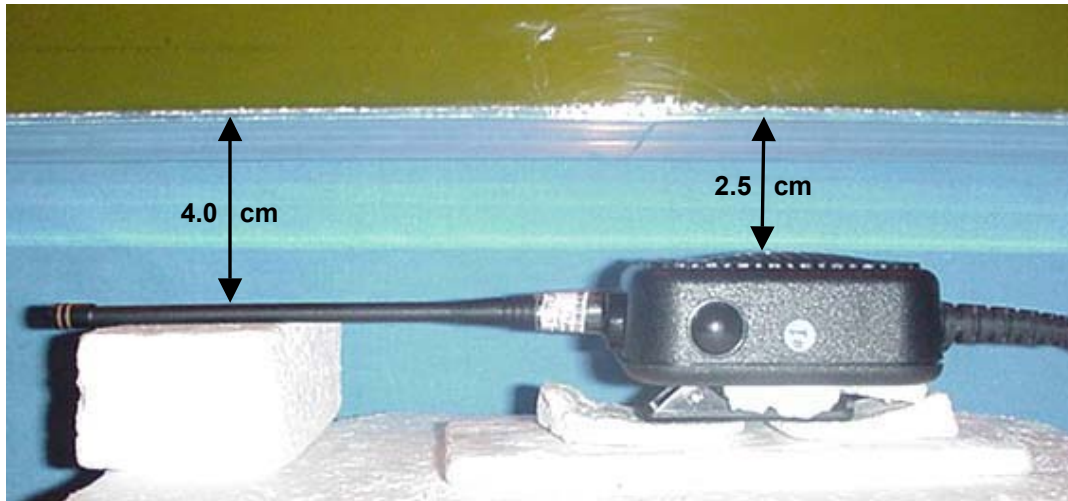
Scan Radio (P/N: RU101219V61 R1B) with Speaker-Microphone Antenna Version Plus (P/N: KRY1011617/184)
Helical Coil Antenna (P/N: KRE1011219/9)



FACE-HELD SAR TEST SETUP PHOTOGRAPHS

2.5 cm Separation Distance to Planar Phantom

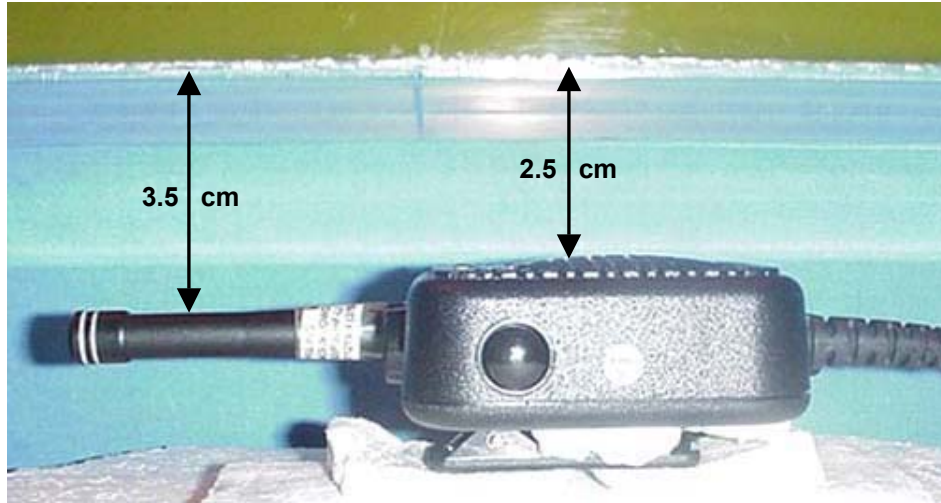
System Radio (P/N: RU101219V62 R1B) w/ Speaker-Microphone Antenna Version Ruggedized (P/N: KRY1011617/384)
Quarter-Wave Whip Antenna (P/N: KRE1011223/10)



FACE-HELD SAR TEST SETUP PHOTOGRAPHS

2.5 cm Separation Distance to Planar Phantom

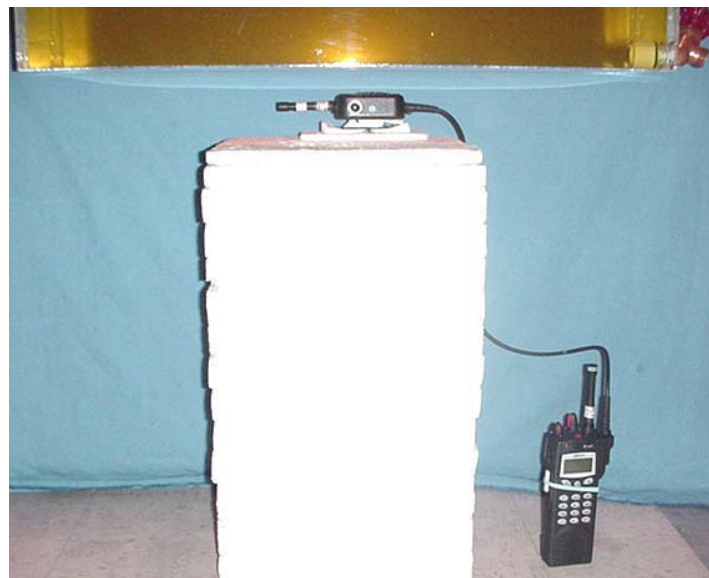
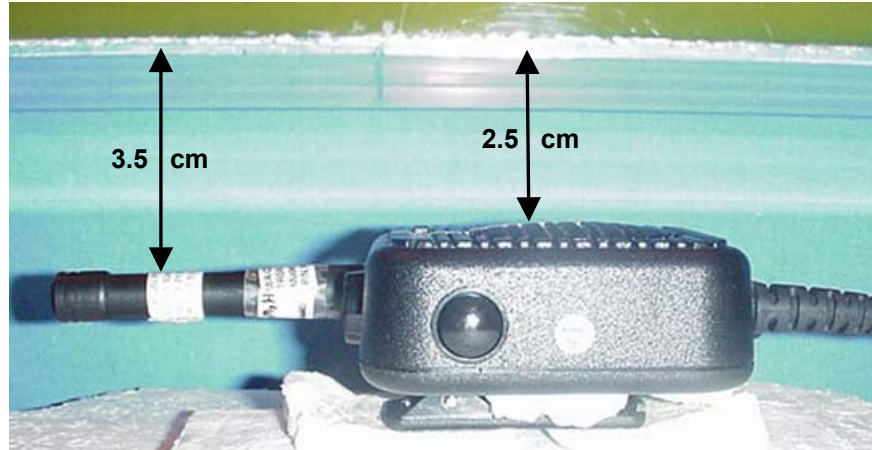
System Radio (P/N: RU101219V62 R1B) w/ Speaker-Microphone Antenna Version Ruggedized (P/N: KRY1011617/384)
Helical Coil Antenna (P/N: KRE1011219/9)



FACE-HELD SAR TEST SETUP PHOTOGRAPHS

2.5 cm Separation Distance to Planar Phantom

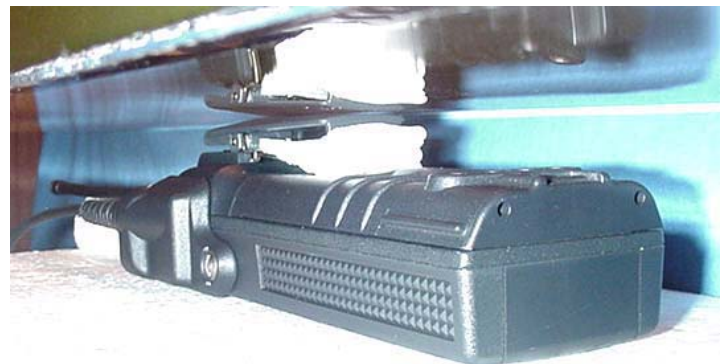
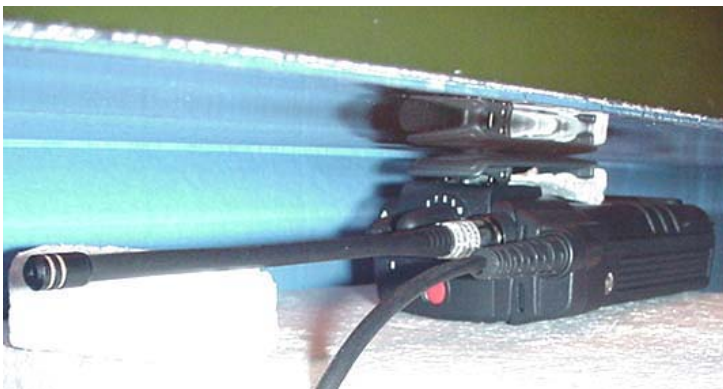
System Radio (P/N: RU101219V62 R1B) w/ Speaker-Microphone Antenna Version Ruggedized (P/N: KRY1011617/384)
Helical Coil Antenna (P/N: KRE1011219/10)



BODY-WORN SAR TEST SETUP PHOTOGRAPHS

1.1 cm Metal Belt-Clip Separation Distance to Planar Phantom

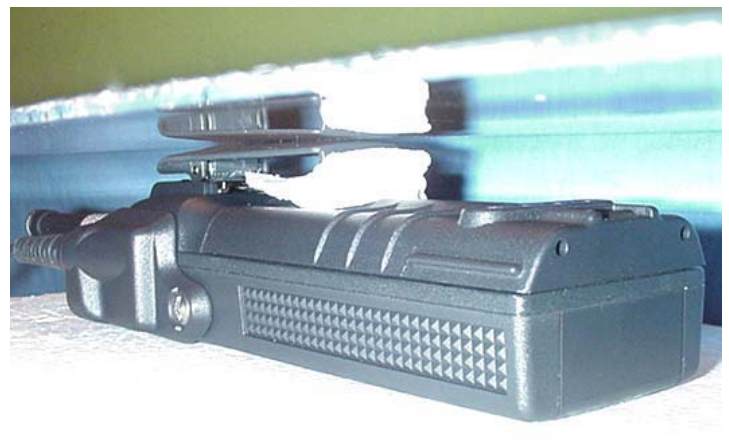
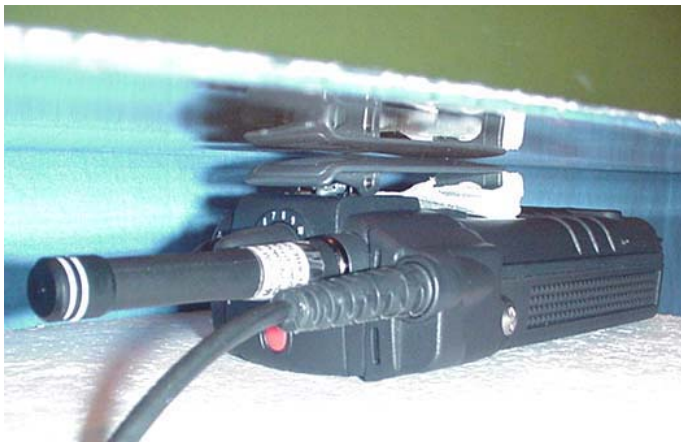
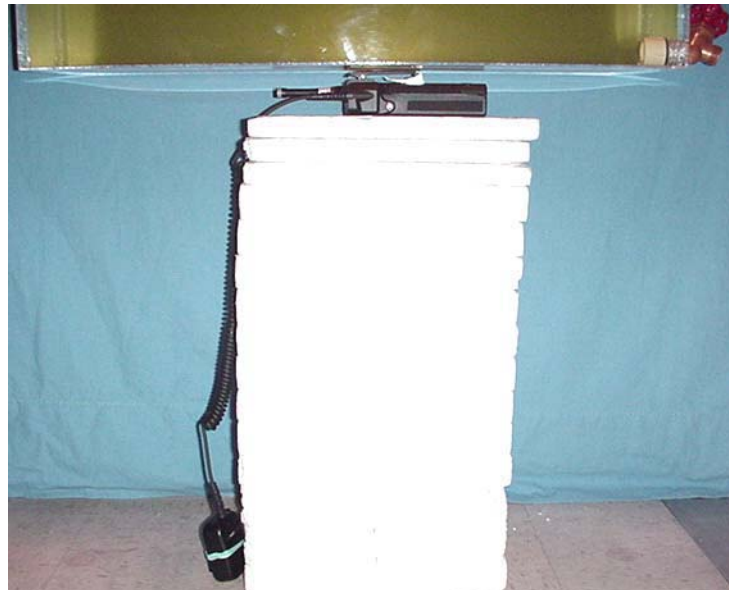
DUT with Metal Belt-Clip (P/N: KRY1011647/1) & Speaker-Microphone (P/N: KRY1011617/183) Accessories
Quarter-Wave-Whip Antenna (P/N: KRE1011223/10)



BODY-WORN SAR TEST SETUP PHOTOGRAPHS

1.1 cm Metal Belt-Clip Separation Distance to Planar Phantom

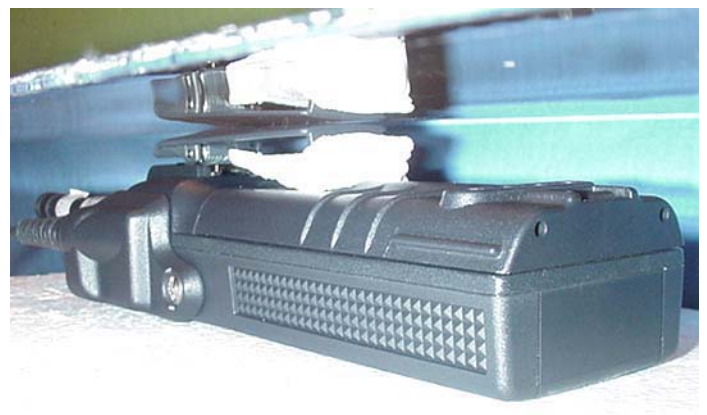
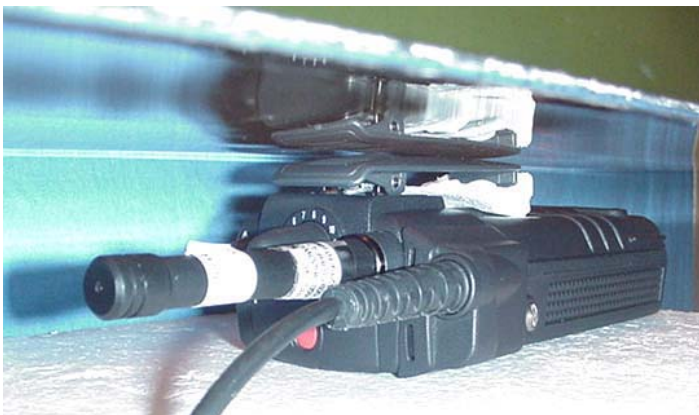
DUT with Metal Belt-Clip (P/N: KRY1011647/1) & Speaker-Microphone (P/N: KRY1011617/183) Accessories
Helical Coil Antenna (P/N: KRE1011219/9)



BODY-WORN SAR TEST SETUP PHOTOGRAPHS

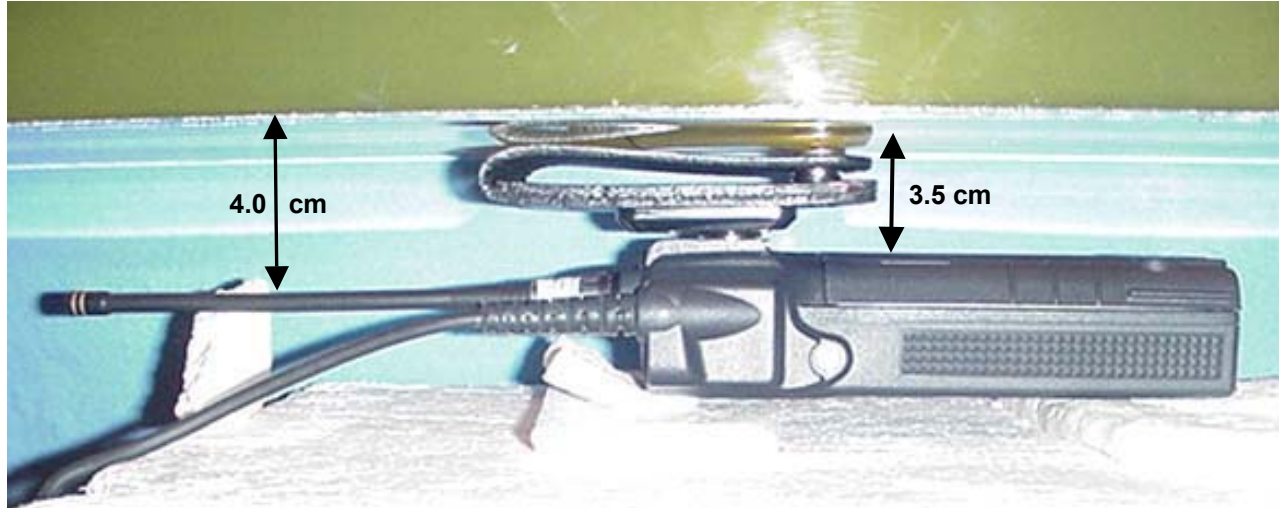
1.1 cm Metal Belt-Clip Separation Distance to Planar Phantom

DUT with Metal Belt-Clip (P/N: KRY1011647/1) & Speaker-Microphone (P/N: KRY1011617/183) Accessories
Helical Coil Antenna (P/N: KRE1011219/10)



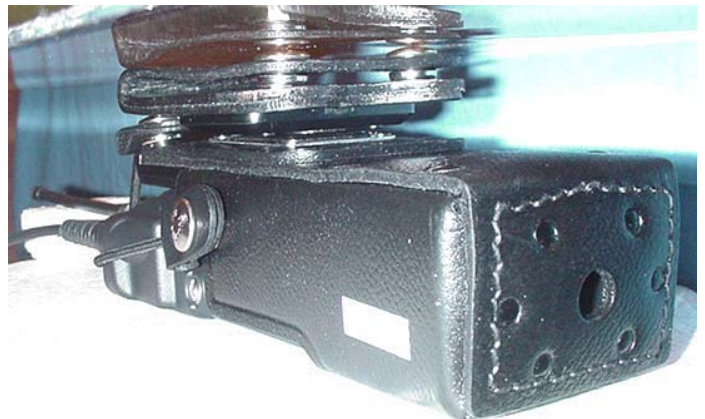
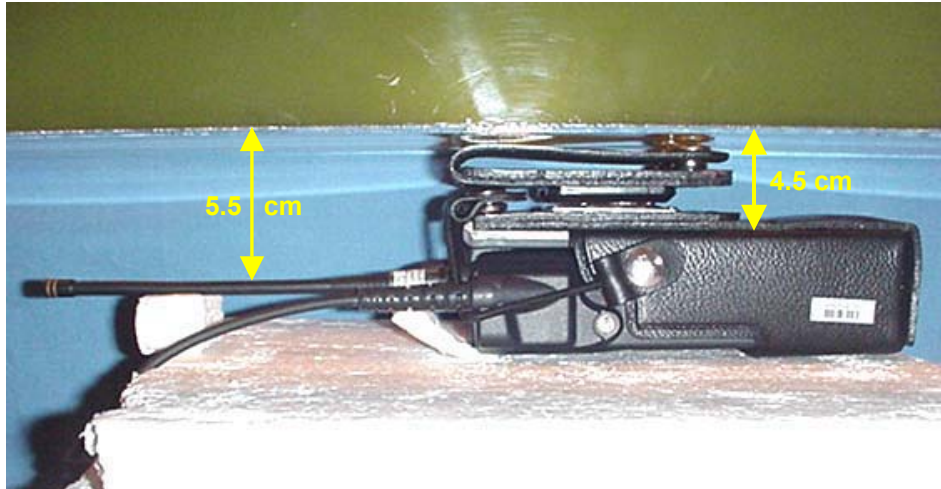
BODY-WORN SAR TEST SETUP PHOTOGRAPHS

3.5 cm Leather Belt-Loop Separation Distance to Planar Phantom
DUT with Leather Belt-Loop (P/N: KRY1011609/1) & Speaker-Microphone (P/N: KRY1011617/183) Accessories
Quarter-Wave Whip Antenna (P/N: KRE1011223/10)



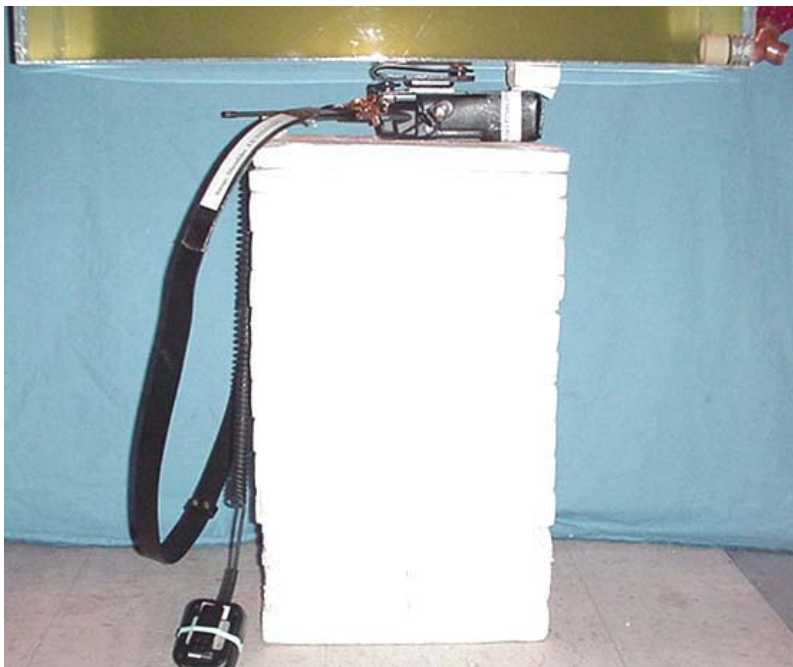
BODY-WORN SAR TEST SETUP PHOTOGRAPHS

4.5 cm Leather Case & Leather Belt-Loop Separation Distance to Planar Phantom
DUT with Leather Case (P/N: KRY1011639/1), Leather Belt-Loop (P/N: KRY1011609/1),
& Speaker-Microphone (P/N: KRY1011617/183) Accessories
Quarter-Wave Whip Antenna (P/N: KRE1011223/10)



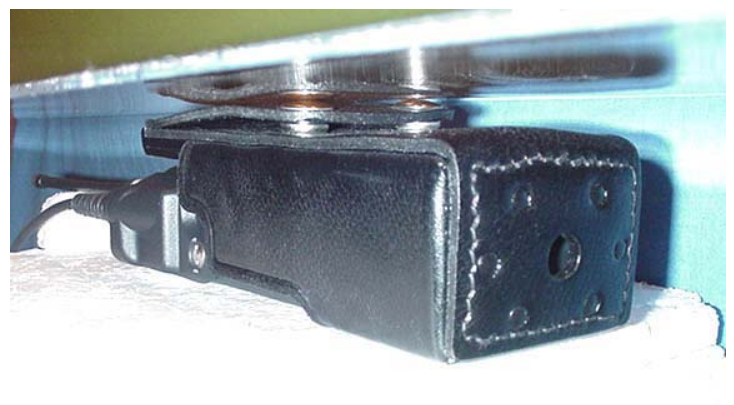
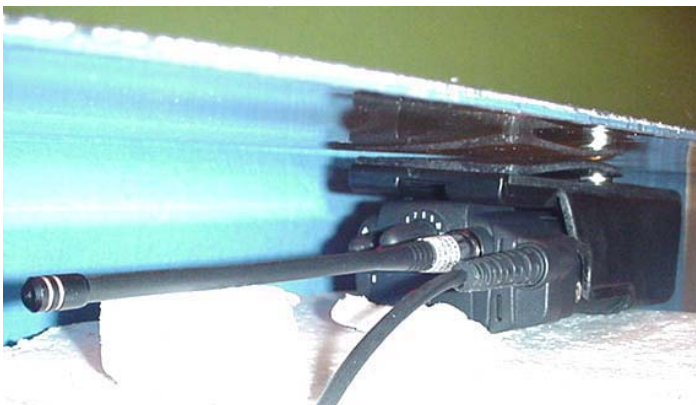
BODY-WORN SAR TEST SETUP PHOTOGRAPHS

4.5 cm Leather Case & Leather Belt-Loop Separation Distance to Planar Phantom
DUT with Leather Case (P/N: KRY1011639/3) & Over-the-Shoulder Strap (P/N: CC103333V1),
Leather Belt-Loop (P/N: KRY1011609/1), & Speaker-Microphone (P/N: KRY1011617/183) Accessories
Quarter-Wave Whip Antenna (P/N: KRE1011223/10)



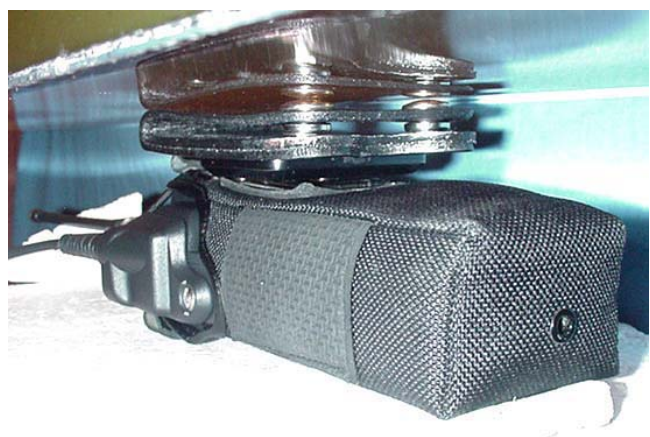
BODY-WORN SAR TEST SETUP PHOTOGRAPHS

1.7 cm Leather Case Separation Distance to Planar Phantom
DUT with Leather Case - Belt-Loop Type (P/N: KRY1011638/1)
& Speaker-Microphone (P/N: KRY1011617/183) Accessories
Quarter-Wave Whip Antenna (P/N: KRE1011223/10)



BODY-WORN SAR TEST SETUP PHOTOGRAPHS

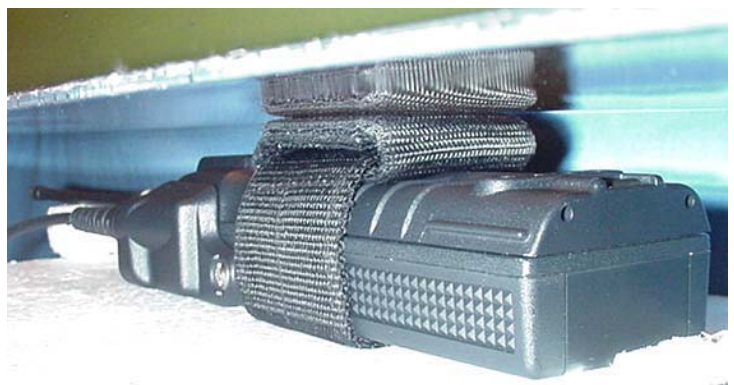
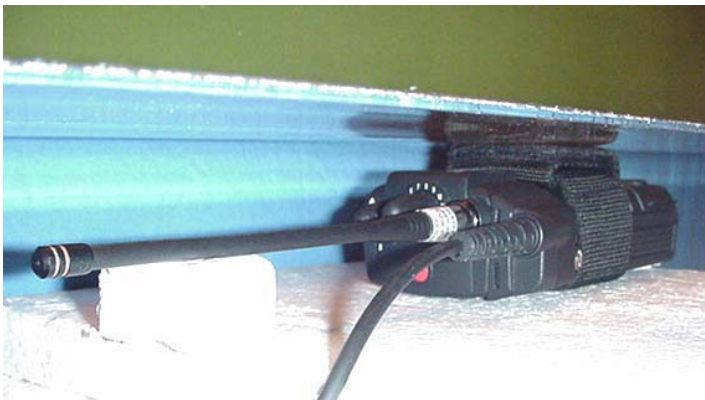
4.0 cm Nylon Case & Leather Belt-Loop Separation Distance to Planar Phantom
DUT with Nylon Case (P/N: KRY1011648/1), Leather Belt-Loop (P/N: KRY1011609/1),
& Speaker-Microphone (P/N: KRY1011617/183) Accessories
Quarter-Wave Whip Antenna (P/N: KRE1011223/10)



BODY-WORN SAR TEST SETUP PHOTOGRAPHS

1.6 cm Nylon T-Strap Separation Distance to Planar Phantom

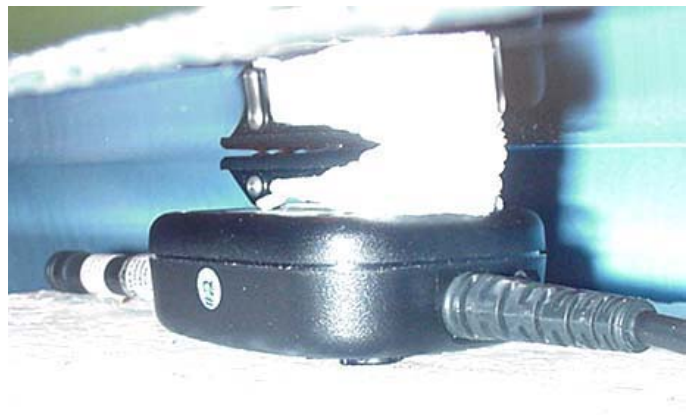
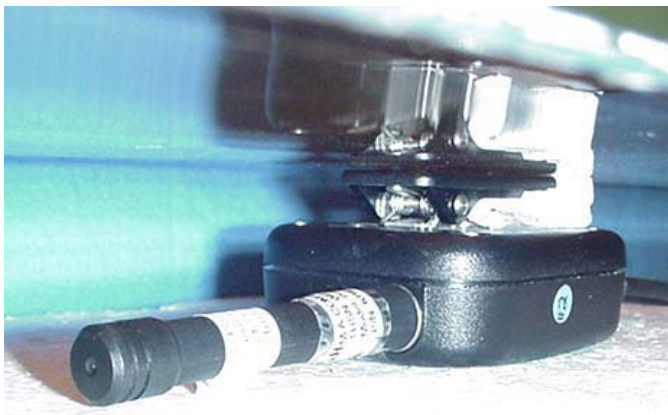
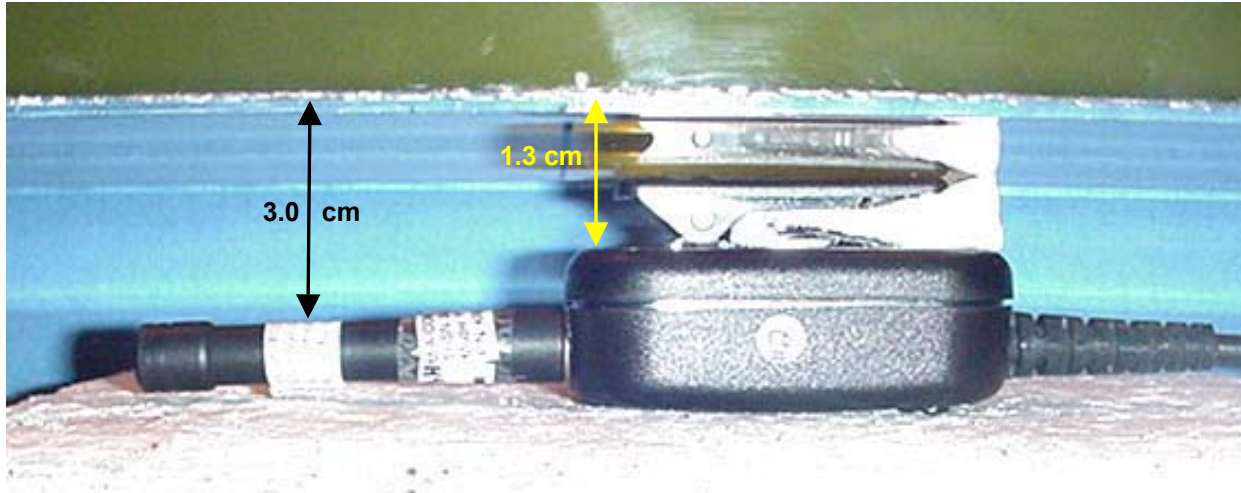
DUT with Nylon T-Strap (P/N: KRY1011656/1) & Speaker-Microphone (P/N: KRY1011617/183) Accessories
Quarter-Wave Whip Antenna (P/N: KRE1011223/10)



BODY-WORN SAR TEST SETUP PHOTOGRAPHS

1.3 cm Lapel-Clip Separation Distance to Planar Phantom

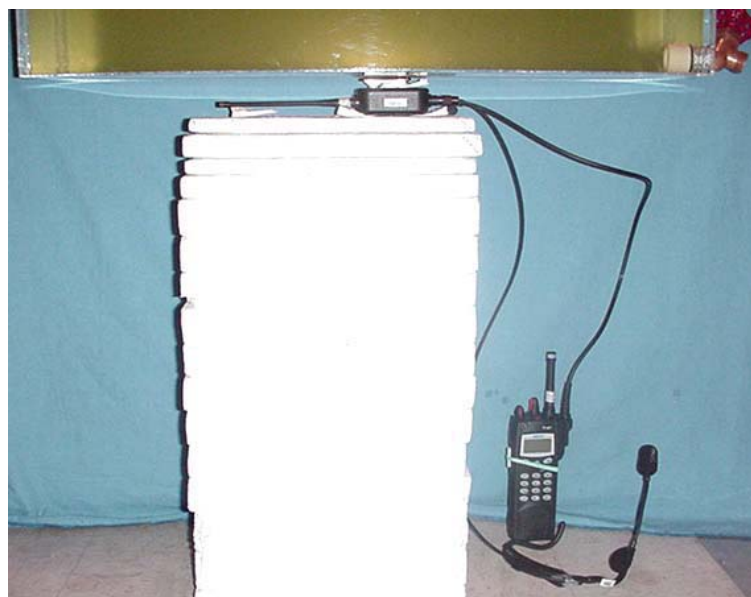
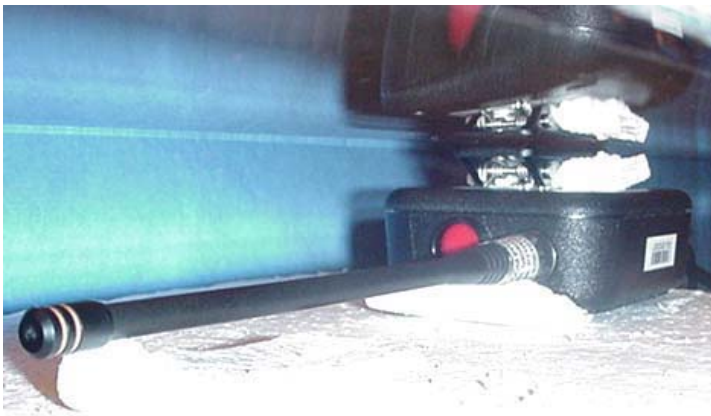
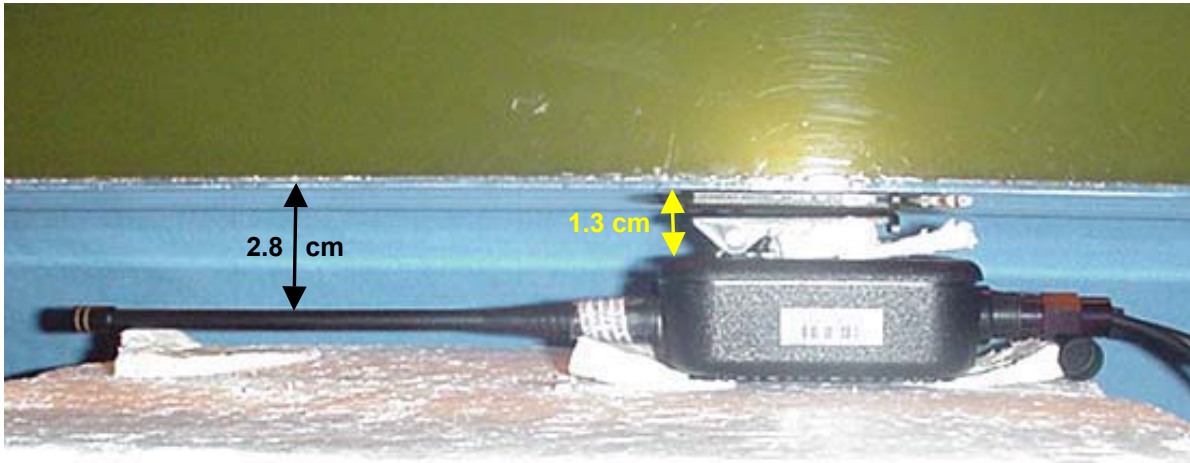
System Radio (P/N: RU101219V62 R1B) with Speaker-Microphone Antenna Version Plus (P/N: KRY1011617/184)
Helical Coil Antenna (P/N: KRE1011219/10)



BODY-WORN SAR TEST SETUP PHOTOGRAPHS

1.3 cm Lapel-Clip Separation Distance to Planar Phantom

System Radio (P/N: RU101219V62 R1B) w/ Speaker-Microphone Antenna Version Ruggedized (P/N: KRY1011617/384)
Quarter-Wave Whip Antenna (P/N: KRE1011223/10)



with Ranger Headset Accessory (P/N: OT-V4-10421)

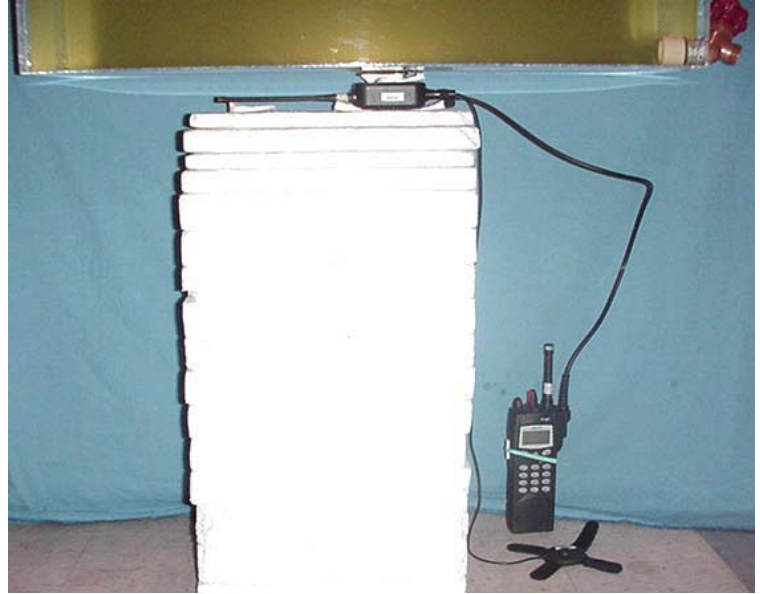
BODY-WORN SAR TEST SETUP PHOTOGRAPHS

1.3 cm Lapel-Clip Separation Distance to Planar Phantom

System Radio (P/N: RU101219V62 R1B) w/ Speaker-Microphone Antenna Version Ruggedized (P/N: KRY1011617/384)
Quarter-Wave Whip Antenna (P/N: KRE1011223/10)



with Behind-the-Head Headset Accessory (P/N: OT-V4-10450)



with Skull Microphone Accessory (P/N: OT-V4-10428)

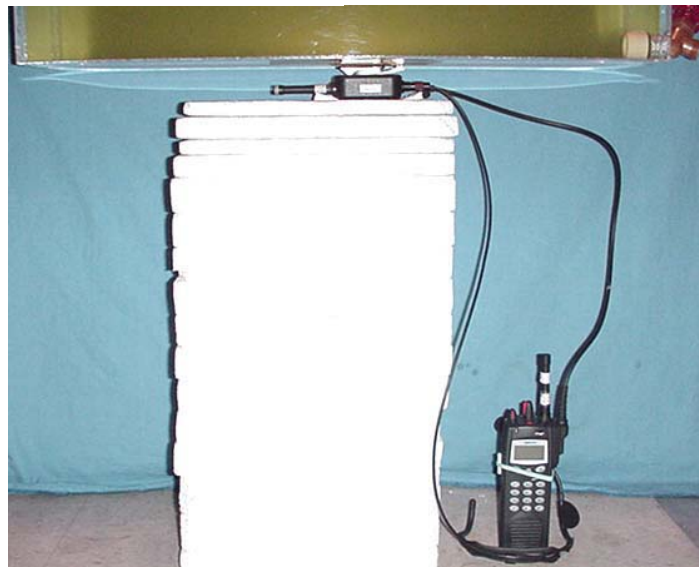
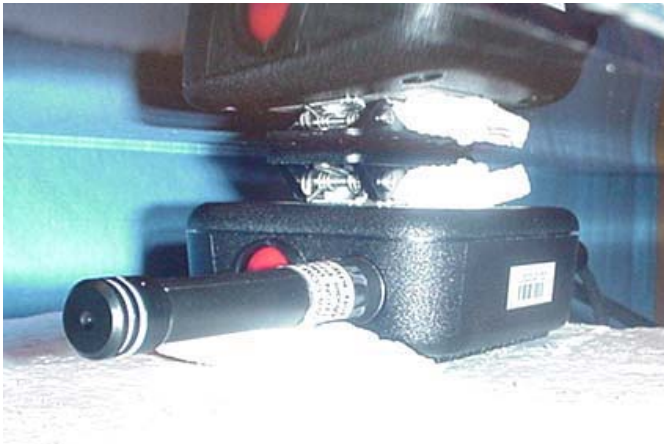
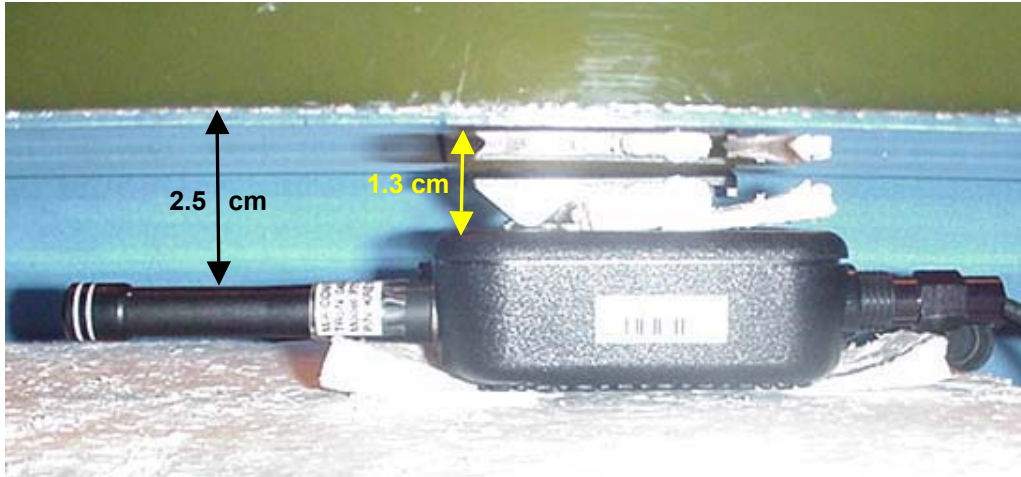


with Throat Microphone Accessory (P/N: OT-V4-10656)

BODY-WORN SAR TEST SETUP PHOTOGRAPHS

1.3 cm Lapel-Clip Separation Distance to Planar Phantom

System Radio (P/N: RU101219V62 R1B) w/ Speaker-Microphone Antenna Version Ruggedized (P/N: KRY1011617/384)
Helical Coil Antenna (P/N: KRE1011219/9)



with Ranger Headset Accessory (P/N: OT-V4-10421)

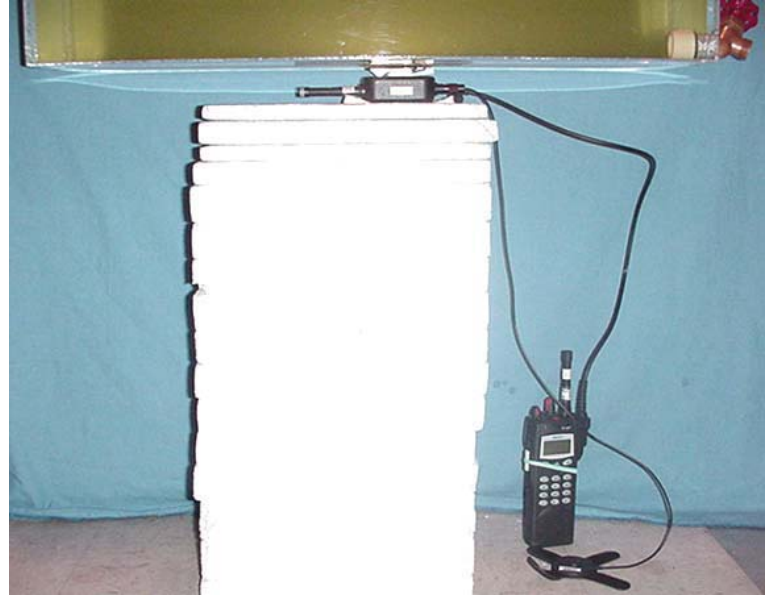
BODY-WORN SAR TEST SETUP PHOTOGRAPHS

1.3 cm Lapel-Clip Separation Distance to Planar Phantom

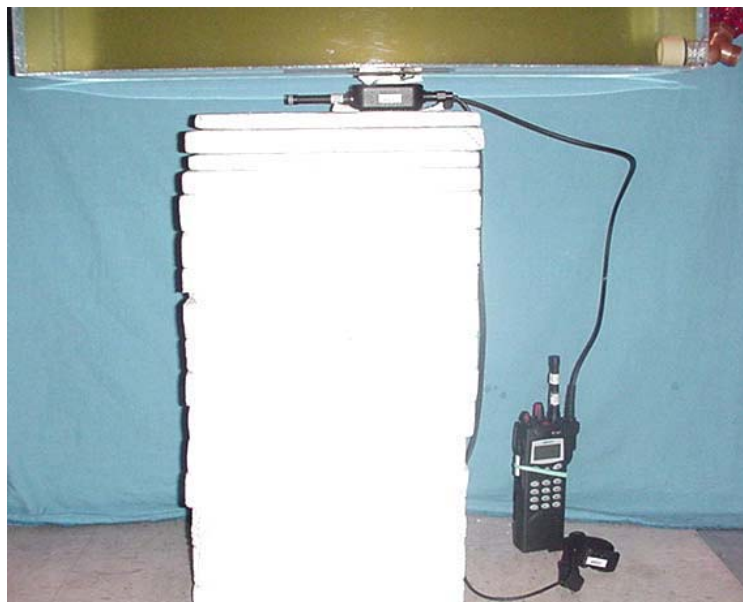
System Radio (P/N: RU101219V62 R1B) w/ Speaker-Microphone Antenna Version Ruggedized (P/N: KRY1011617/384)
Helical Coil Antenna (P/N: KRE1011219/9)



with Behind-the-Head Headset Accessory (P/N: OT-V4-10450)



with Skull Microphone Accessory (P/N: OT-V4-10428)

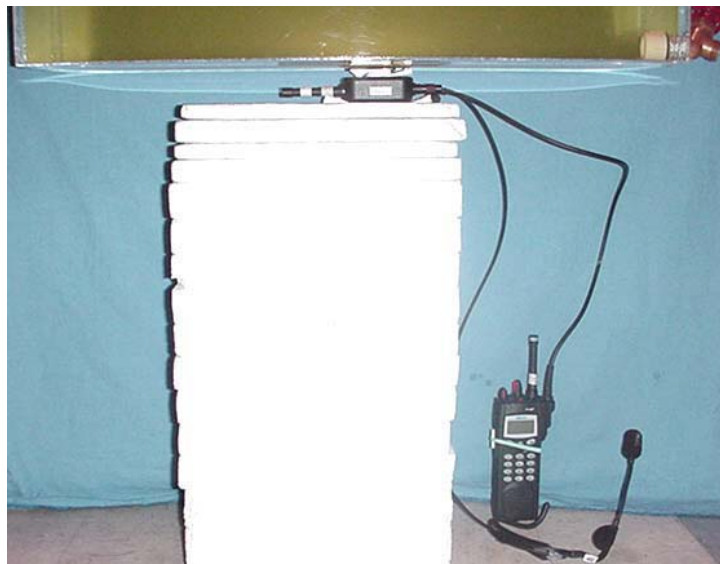
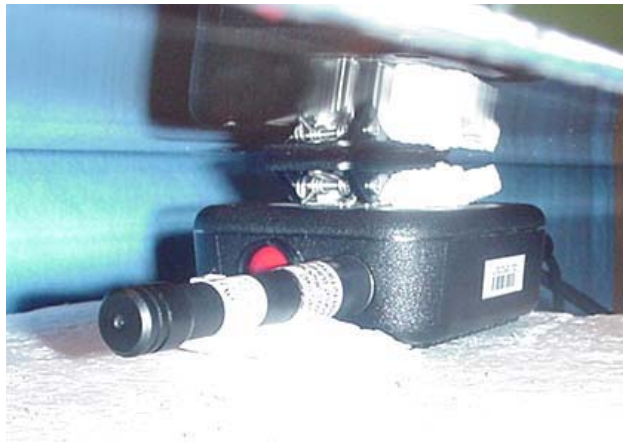
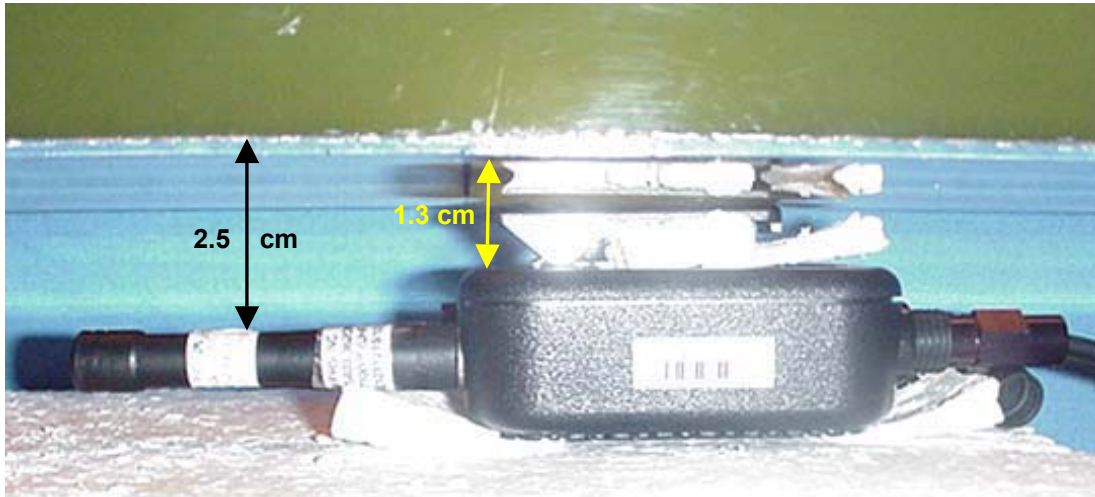


with Throat Microphone Accessory (P/N: OT-V4-10656)

BODY-WORN SAR TEST SETUP PHOTOGRAPHS

1.3 cm Lapel-Clip Separation Distance to Planar Phantom

System Radio (P/N: RU101219V62 R1B) w/ Speaker-Microphone Antenna Version Ruggedized (P/N: KRY1011617/384)
Helical Coil Antenna (P/N: KRE1011219/10)



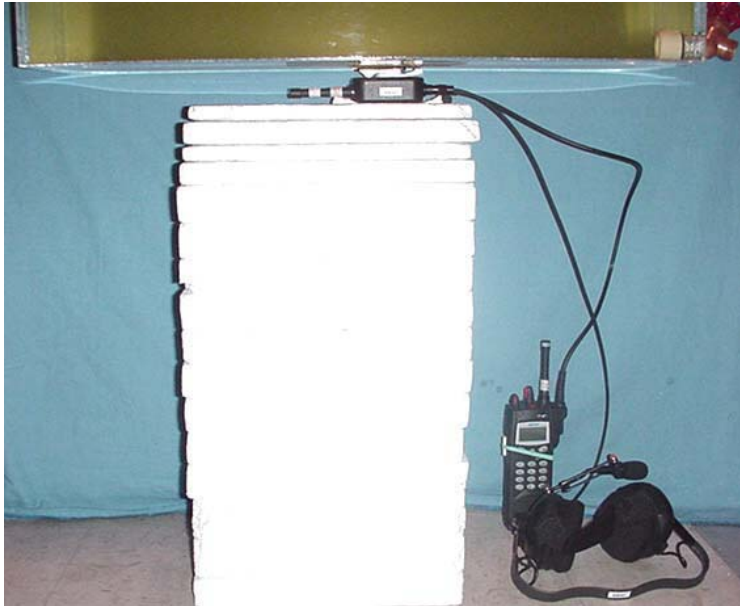
with Ranger Headset Accessory (P/N: OT-V4-10421)

BODY-WORN SAR TEST SETUP PHOTOGRAPHS

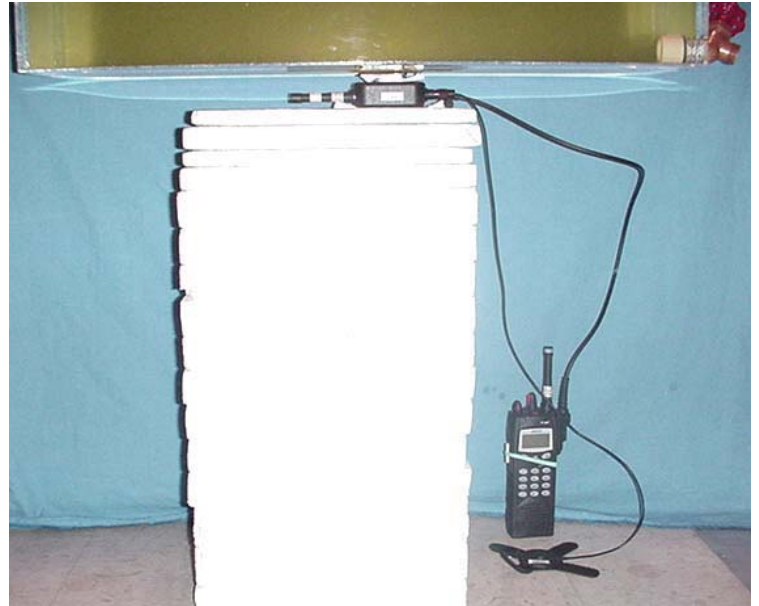
1.3 cm Lapel-Clip Separation Distance to Planar Phantom

System Radio (P/N: RU101219V62 R1B) w/ Speaker-Microphone Antenna Version Ruggedized (P/N: KRY1011617/384)

Helical Coil Antenna (P/N: KRE1011219/10)



with Behind-the-Head Headset Accessory (P/N: OT-V4-10450)



with Skull Microphone Accessory (P/N: OT-V4-10428)



with Throat Microphone Accessory (P/N: OT-V4-10656)

DUT PHOTOGRAPHS



Front of DUT (S/N: T1PA-UL10)
P/N: RU101219V62 R1B (System)
with Helical Coil Antenna
(P/N: KRE1011219/9)



Front of DUT (S/N: T1PA-UL10)
P/N: RU101219V62 R1B (System)
with Helical Coil Antenna
(P/N: KRE1011219/10)



Front of DUT (S/N: T1PA-UL10)
P/N: RU101219V62 R1B (System)
with Quarter-Wave Whip Antenna
(P/N: KRE1011223/10)

DUT PHOTOGRAPHS



Front of DUT (S/N: T1PA-UL03)
P/N: RU101219V61 R1B (Scan)
with Helical Coil Antenna
(P/N: KRE1011219/9)



Front of DUT (S/N: T1PA-UL03)
P/N: RU101219V61 R1B (Scan)
with Helical Coil Antenna
(P/N: KRE1011219/10)



Front of DUT (S/N: T1PA-UL03)
P/N: RU101219V61 R1B (Scan)
with Quarter-Wave Whip Antenna
(P/N: KRE1011223/10)

DUT PHOTOGRAPHS



Back of DUT



**Back of DUT
with Metal Belt-Clip**

DUT PHOTOGRAPHS



Top End of DUT (S/N: T1PA-UL10)
P/N: RU101219V62 R1B (System)



Bottom End of DUT (S/N: T1PA-UL10)
P/N: RU101219V62 R1B (System)



Top End of DUT (S/N: T1PA-UL03)
P/N: RU101219V61 R1B (Scan)



Bottom End of DUT (S/N: T1PA-UL03)
P/N: RU101219V61 R1B (Scan)

DUT PHOTOGRAPHS

With Metal Belt-Clip Accessory (P/N: KRY1011647/1)



Left Side of DUT with Metal Belt-Clip



Right Side of DUT with Metal-Belt-Clip



Metal Belt-Clip



Metal Belt-Clip

DUT PHOTOGRAPHS



Helical Coil Antenna - 378-403 MHz
(P/N: KRE1011219/9)



Helical Coil Antenna - 403-430 MHz
(P/N: KRE1011219/10)



Quarter-Wave Whip Antenna - 378-430 MHz
(P/N: KRE1011223/10)

DUT PHOTOGRAPHS



DUT Battery Compartment
(S/N: T1PA-UL10)
P/N: RU101219V62 R1B (System)



DUT Battery Compartment
(S/N: T1PA-UL03)
P/N: RU101219V61 R1B (Scan)

DUT PHOTOGRAPHS



NiCd NIS

NiMH NIS

NiCd IS

NiMH IS

BATTERIES



NiCd NIS

NiMH NIS

NiCd IS

NiMH IS

BATTERIES

DUT PHOTOGRAPHS

With Leather Belt-Loop (P/N: KRY1011609/1) & Swivel-Mount Clip (P/N: KRY1011608/2) Accessories



Front of DUT



Back of DUT



Left Side of DUT



Leather Belt-Loop Accessory



Right Side of DUT



Swivel-Mount Clip attached to DUT

DUT PHOTOGRAPHS

With Leather Case (P/N: KRY1011639/1) & Leather Belt-Loop (P/N: KRY1011609/1) Accessories



Front of DUT in Leather Case



Back of DUT in Leather Case
with Leather Belt-Loop



Front of Leather Case



Back of Leather Case



Left Side of DUT with Leather Case & Leather Belt-Loop



Right Side of DUT with Leather Case & Leather Belt-Loop

DUT PHOTOGRAPHS

With Leather Case (P/N: KRY1011639/3) & Over-the-Shoulder Strap (P/N: CC103333V1),
Leather Belt-Loop (P/N: KRY1011609/1) Accessories



Front of Leather Case



Back of Leather Case with Belt-Loop



Back of Leather Case



Shoulder Strap

DUT PHOTOGRAPHS

With Leather Case (P/N: KRY1011639/3) & Over-the-Shoulder Strap (P/N: CC103333V1),
Leather Belt-Loop (P/N: KRY1011609/1) Accessories



Front of DUT in Leather Case with Over-the-Shoulder Strap



Front of Leather Case with Over-the-Shoulder Strap



Left Side of DUT



Right Side of DUT

DUT PHOTOGRAPHS

With Leather Case - Belt-Loop Type (P/N: KRY1011638/1)



Front of DUT in Leather Case



Back of DUT in Leather Case



Front of Leather Case



Left Side of DUT with Leather Case



Right Side of DUT with Leather Case

DUT PHOTOGRAPHS

With Nylon Case (P/N: KRY1011648/1) & Leather Belt-Loop (P/N: KRY1011609/1) Accessories



Front of DUT in Nylon Case



Back of DUT in Nylon Case
with Leather Belt-Loop



Front of Nylon Case



Back of Nylon Case



Left Side of DUT with Nylon Case & Leather Belt-Loop



Right Side of DUT with Nylon Case & Leather Belt-Loop

DUT PHOTOGRAPHS

With Nylon T-Strap Holder Accessory (P/N: KRY1011656/1)



Front of DUT with T-Strap



Back of DUT with T-Strap



Left Side of DUT with Nylon T-Strap Holder



Right Side of DUT with Nylon T-Strap Holder



DUT PHOTOGRAPHS

With Speaker-Microphone Accessory (P/N: KRY1011617/183)



System Radio with Speaker-Microphone (Non-Antenna Version)



Scan Radio with Speaker-Microphone (Non-Antenna Version)

DUT PHOTOGRAPHS

With Speaker-Microphone Antenna Version Plus (P/N: KRY1011617/184)



Scan Radio with Speaker-Microphone Antenna Version Plus
& Helical Coil Antenna (P/N: KRE1011219/9)



Scan Radio with Speaker-Microphone Antenna Version Plus
& Helical Coil Antenna (P/N: KRE1011219/10)

DUT PHOTOGRAPHS

Speaker-Microphone Antenna Version Plus (P/N: KRY1011617/184)



Speaker-Microphone Antenna Version Plus
with Helical Coil Antenna (P/N: KRE101219/9)



Speaker-Microphone Antenna Version Plus
with Helical Coil Antenna (P/N: KRE101219/10)



Right Side with Lapel-Clip



Top End

DUT PHOTOGRAPHS

Speaker-Microphone Antenna Version Ruggedized (P/N: KRY1011617/384)



Front



Top End



Left Side with Lapel-Clip

DUT PHOTOGRAPHS

Speaker-Microphone Antenna Version Ruggedized (P/N: KRY1011617/384)



Speaker-Microphone Antenna
Version Ruggedized
with Quarter-Wave Whip Antenna
(P/N: KRE1011223/10)



Speaker-Microphone Antenna
Version Ruggedized
with Helical Coil Antenna
(P/N: KRE1011219/10)



Speaker-Microphone Antenna
Version Ruggedized
with Helical Coil Antenna
(P/N: KRE1011219/9)

DUT PHOTOGRAPHS

Speaker-Microphone Antenna Version Ruggedized (P/N: KRY1011617/384)



System Radio with Speaker-Microphone Antenna Version Ruggedized

DUT PHOTOGRAPHS

Speaker-Microphone Antenna Version Ruggedized (P/N: KRY1011617/384)



with Ranger Headset accessory (P/N: OT-V4-10421)



with Behind-the-Head Headset accessory (P/N: OT-V4-10450)



with Skull Microphone accessory (P/N: OT-V4-10428)



with Throat Microphone (P/N: OT-V4-10656)

DUT PHOTOGRAPHS



Ranger Headset (P/N: OT-V4-10421)



Behind-the-Head Headset (P/N: OT-V4-10450)



Skull Microphone (P/N: OT-V4-10428)



Throat Microphone (P/N: OT-V4-10656)