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|  | <u>Date(s) of Evaluation</u> Jan. 06-07, 21 & Mar. 04, 2011 | <u>Test Report Serial No.</u> 121510ALH-T1069-S90U | <u>Test Report Revision No.</u> Rev. 1.2 (3rd Release) |  Test Lab Certificate No. 2470.01 |
| | <u>Test Report Issue Date</u> March 04, 2011 | <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: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | 406.1 - 470.0 MHz | | |
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|---|--|---|---|--|
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FACE-HELD SAR TEST SETUP PHOTOGRAPHS

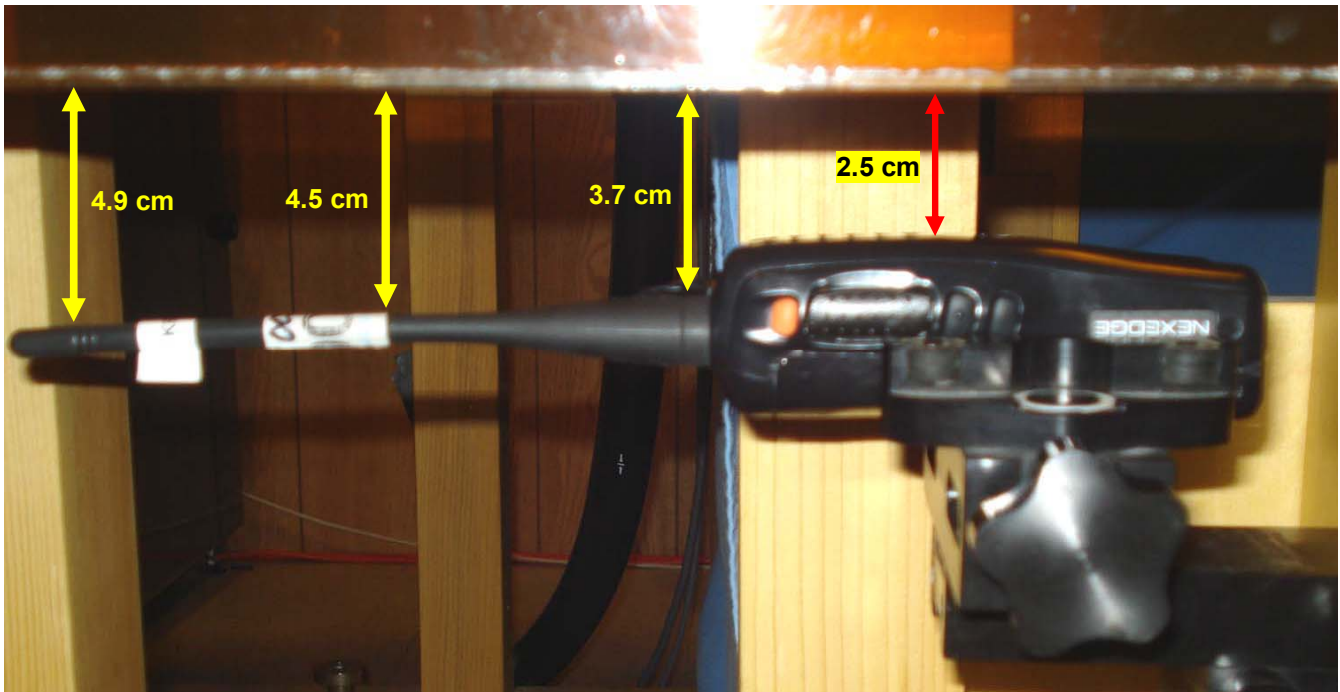


Face-held SAR Configuration Test Setup

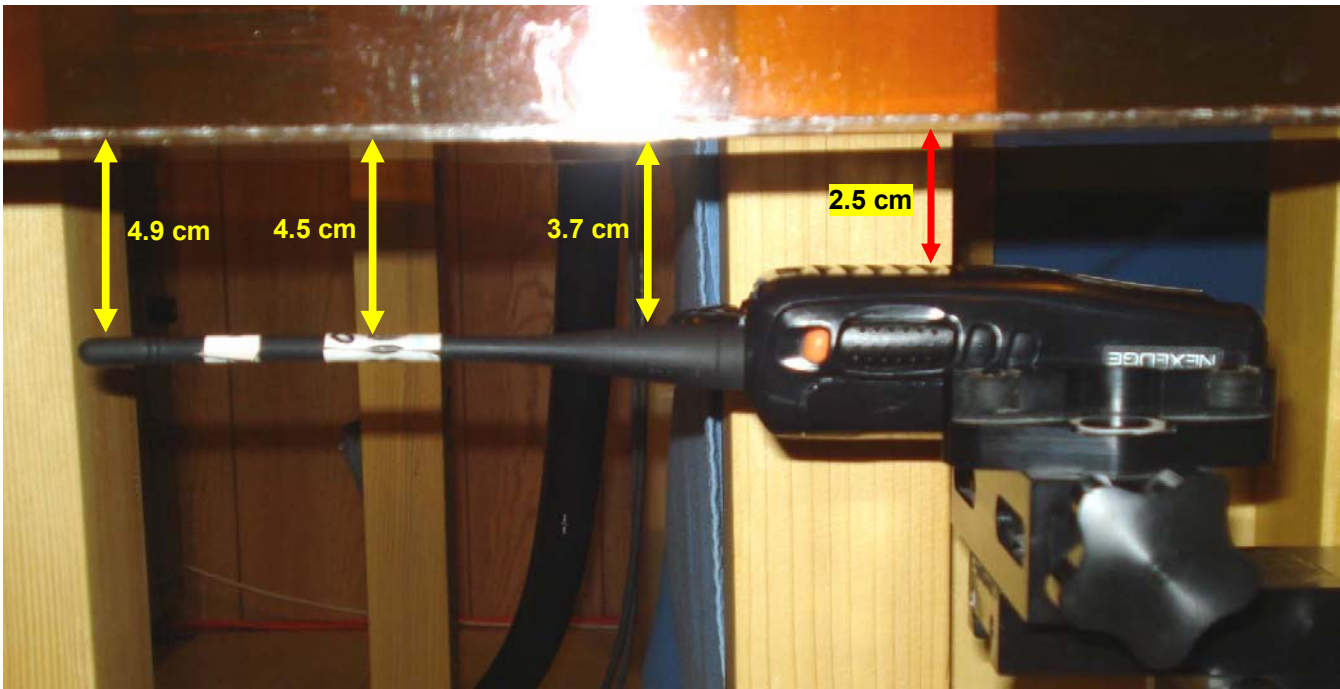
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|-------------------------|---|--|------------------------|------------|--------------------------|----------------|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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FACE-HELD SAR TEST SETUP PHOTOGRAPHS





NX-320-K4 with KRA-27M “Antenna C” & KNB-55L Li-ion “Battery (b)”



NX-320-K5 with KRA-27M “Antenna C” & KNB-55L Li-ion “Battery (b)”

| | | | | | | |
|-------------------------|--------------------------------------|--|-----------------|------------|-------------------|----------------|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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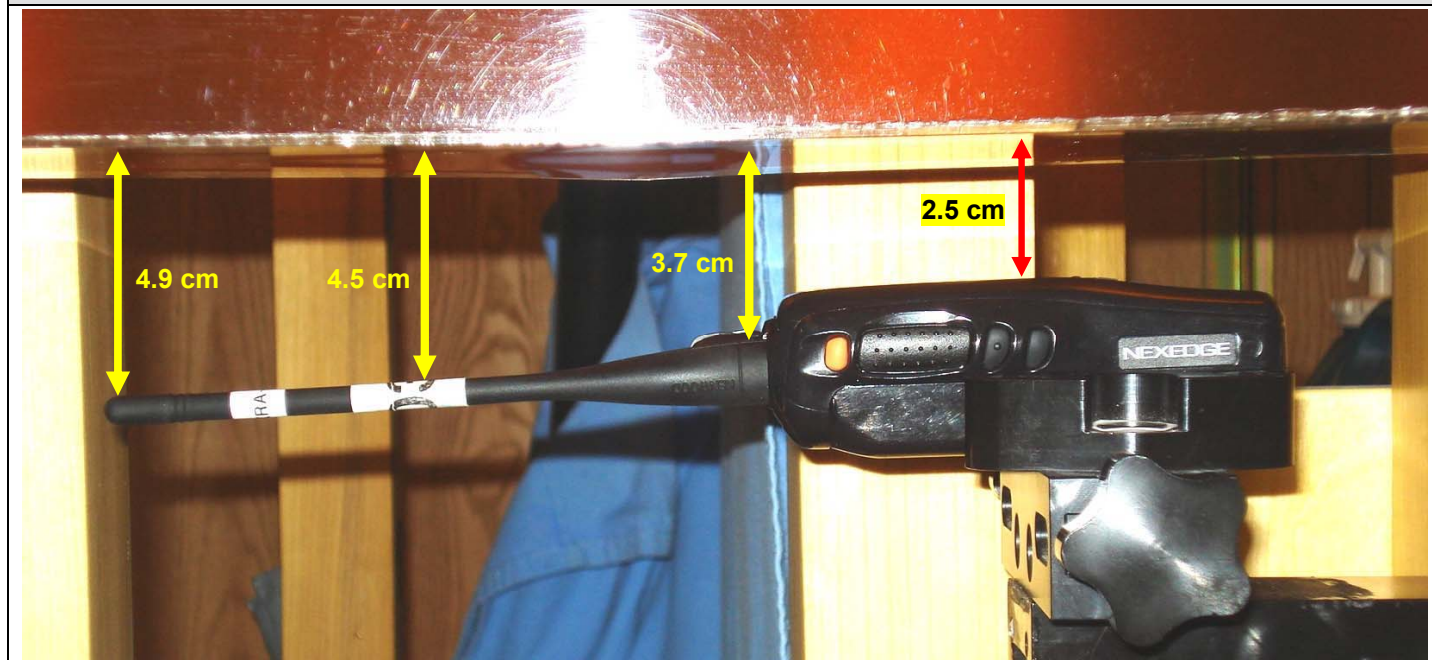
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|---|--|---|---|--|
|  | <u>Date(s) of Evaluation</u> Jan. 06-07, 21 & Mar. 04, 2011 | <u>Test Report Serial No.</u> 121510ALH-T1069-S90U | <u>Test Report Revision No.</u> Rev. 1.2 (3rd Release) |  |
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Test Lab Certificate No. 2470.01

FACE-HELD SAR TEST SETUP PHOTOGRAPHS






NX-320-K6 with KRA-23M/M3* "Antenna A/B" & KNB-57L Li-ion "Battery (a)"



NX-320-K6 with KRA-27M "Antenna C" & KNB-57L Li-ion "Battery (a)"

*note: Antennas KRA-23M and KRA-23M3 have identical dimensions

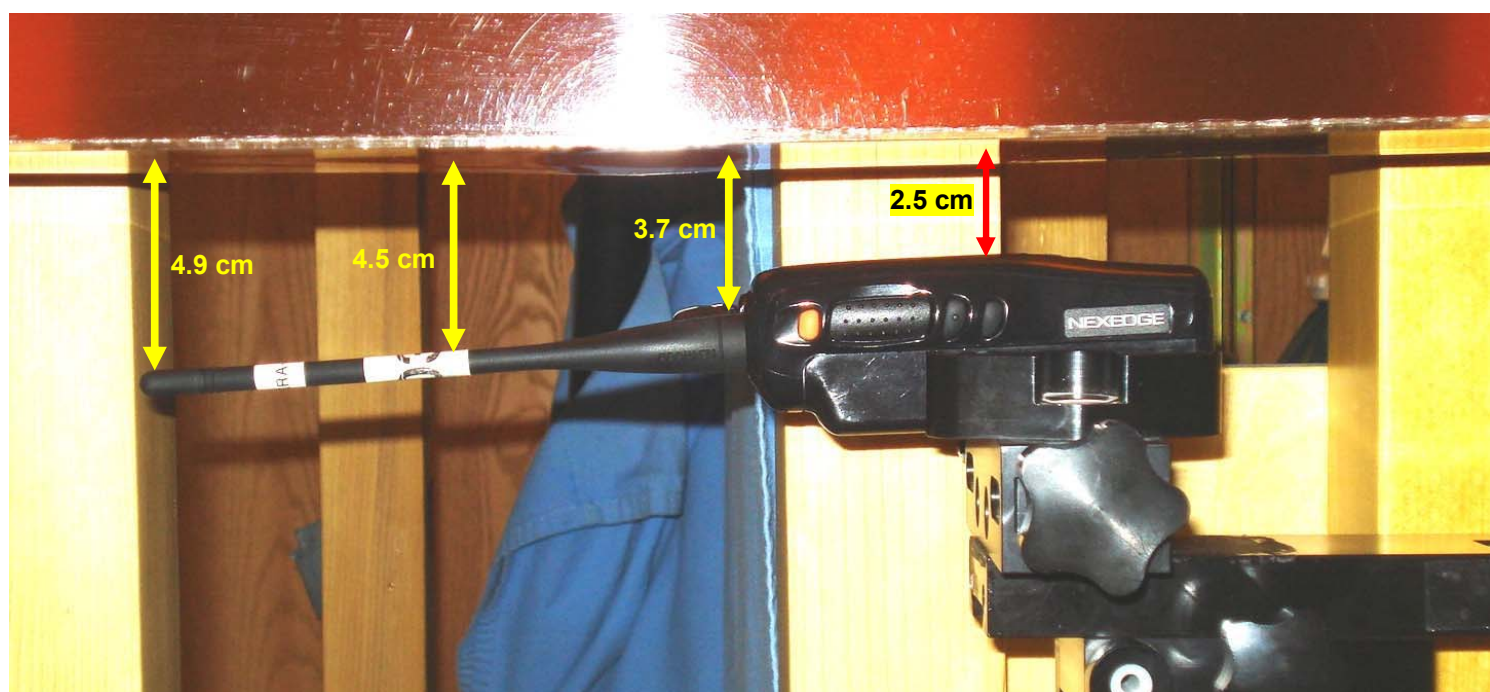
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|-------------------------|---|--|------------------------|--------------------------|--------------------|---|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 |  |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | 406.1 - 470.0 MHz | | |
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|--|--|---|---|--|
|  Testing and Engineering Services Lab | <u>Date(s) of Evaluation</u> Jan. 06-07, 21 & Mar. 04, 2011 | <u>Test Report Serial No.</u> 121510ALH-T1069-S90U | <u>Test Report Revision No.</u> Rev. 1.2 (3rd Release) |  Test Lab Certificate No. 2470.01 |
| | <u>Test Report Issue Date</u> March 04, 2011 | <u>Description of Test(s)</u> Specific Absorption Rate | <u>RF Exposure Category</u> Occupational (Controlled) | |

FACE-HELD SAR TEST SETUP PHOTOGRAPHS





NX-320-K6 with KRA-27M "Antenna C" & KNB-55L Li-ion "Battery (b)"



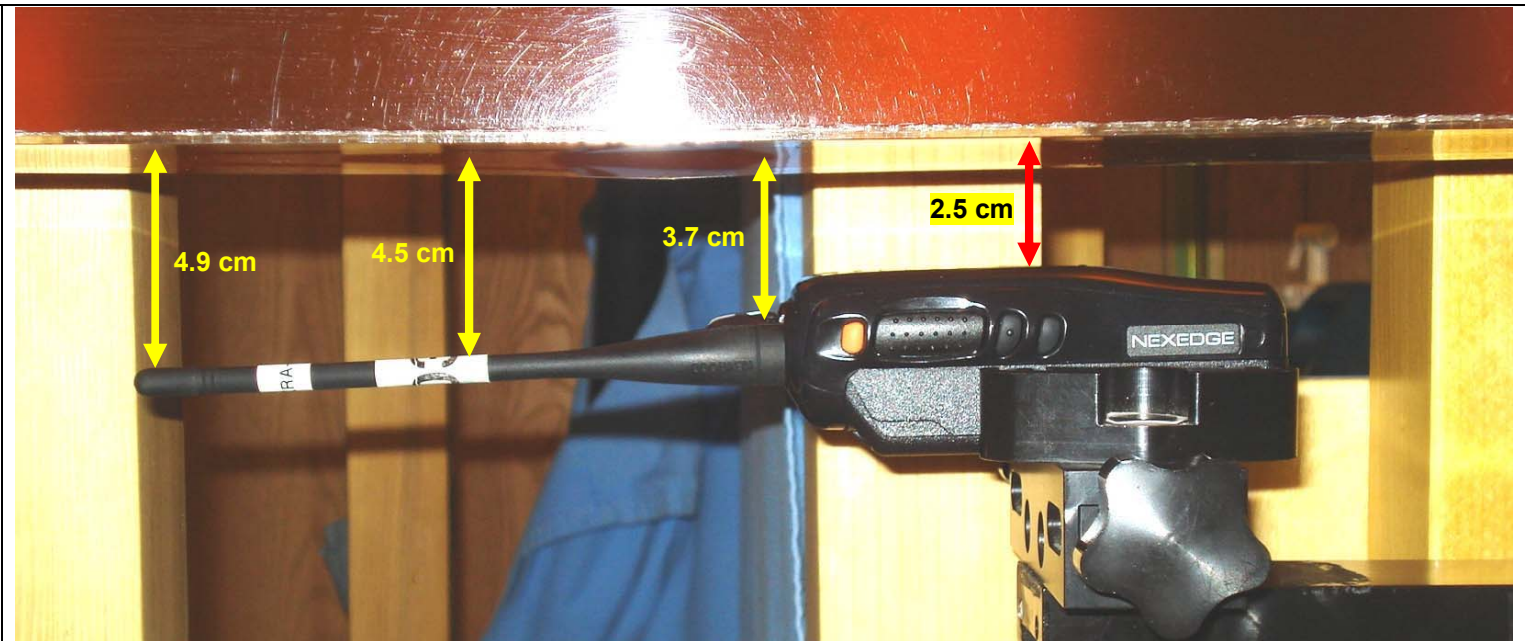
NX-320-K6 with KRA-27M "Antenna C" & KNB-56N Ni-MH "Battery (c)"

| | | | | | | |
|-------------------------|--------------------------------------|--|-----------------|------------|-------------------|----------------|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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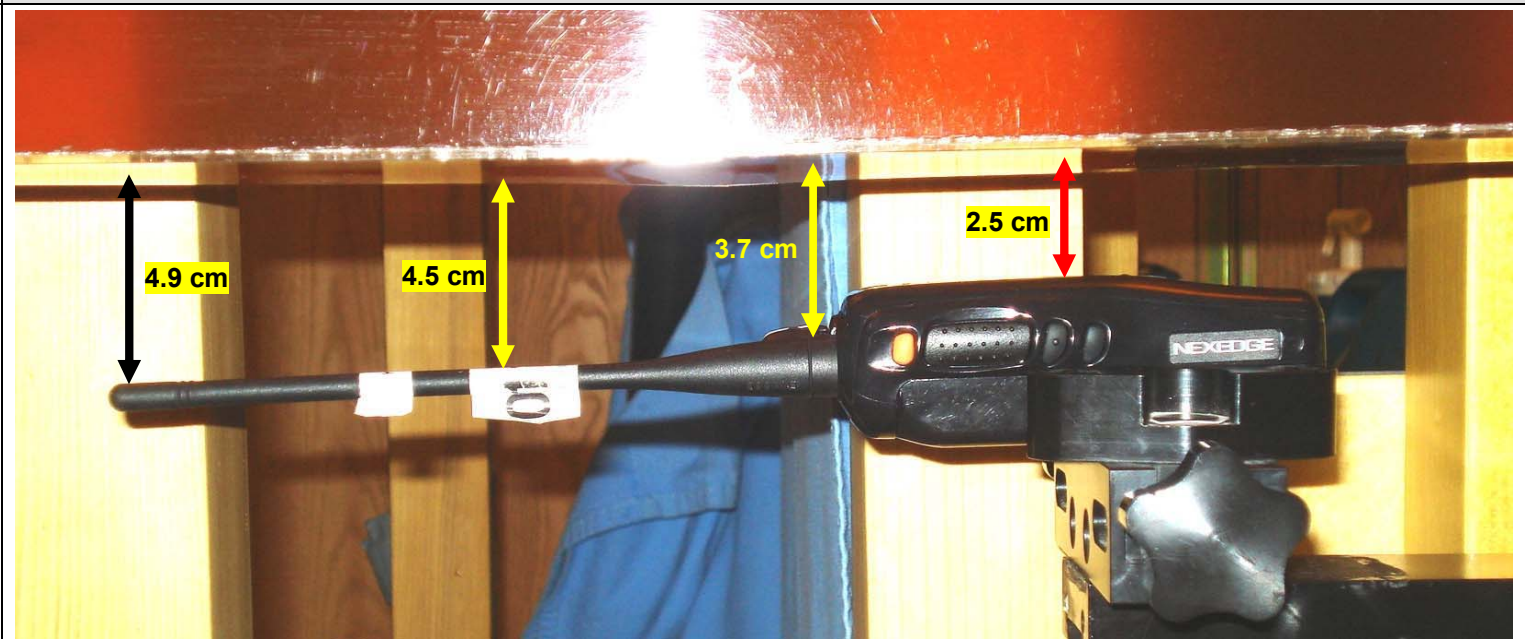
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|---|--|---|---|--|
|  | <u>Date(s) of Evaluation</u> Jan. 06-07, 21 & Mar. 04, 2011 | <u>Test Report Serial No.</u> 121510ALH-T1069-S90U | <u>Test Report Revision No.</u> Rev. 1.2 (3rd Release) |  |
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Test Lab Certificate No. 2470.01

FACE-HELD SAR TEST SETUP PHOTOGRAPHS





NX-320-K6 with KRA-27M "Antenna C" & KBP-5 Alkaline "Battery (d)"



NX-320-K6 with KRA-27M3 "Antenna D" & KNB-57L Li-ion "Battery (a)"

| | | | | | | |
|-------------------------|--------------------------------------|--|-----------------|-----|-------------------|----------------|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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Test Lab Certificate No. 2470.01

BODY-WORN SAR TEST SETUP PHOTOGRAPHS (WITH DEFAULT AUDIO ACC.)



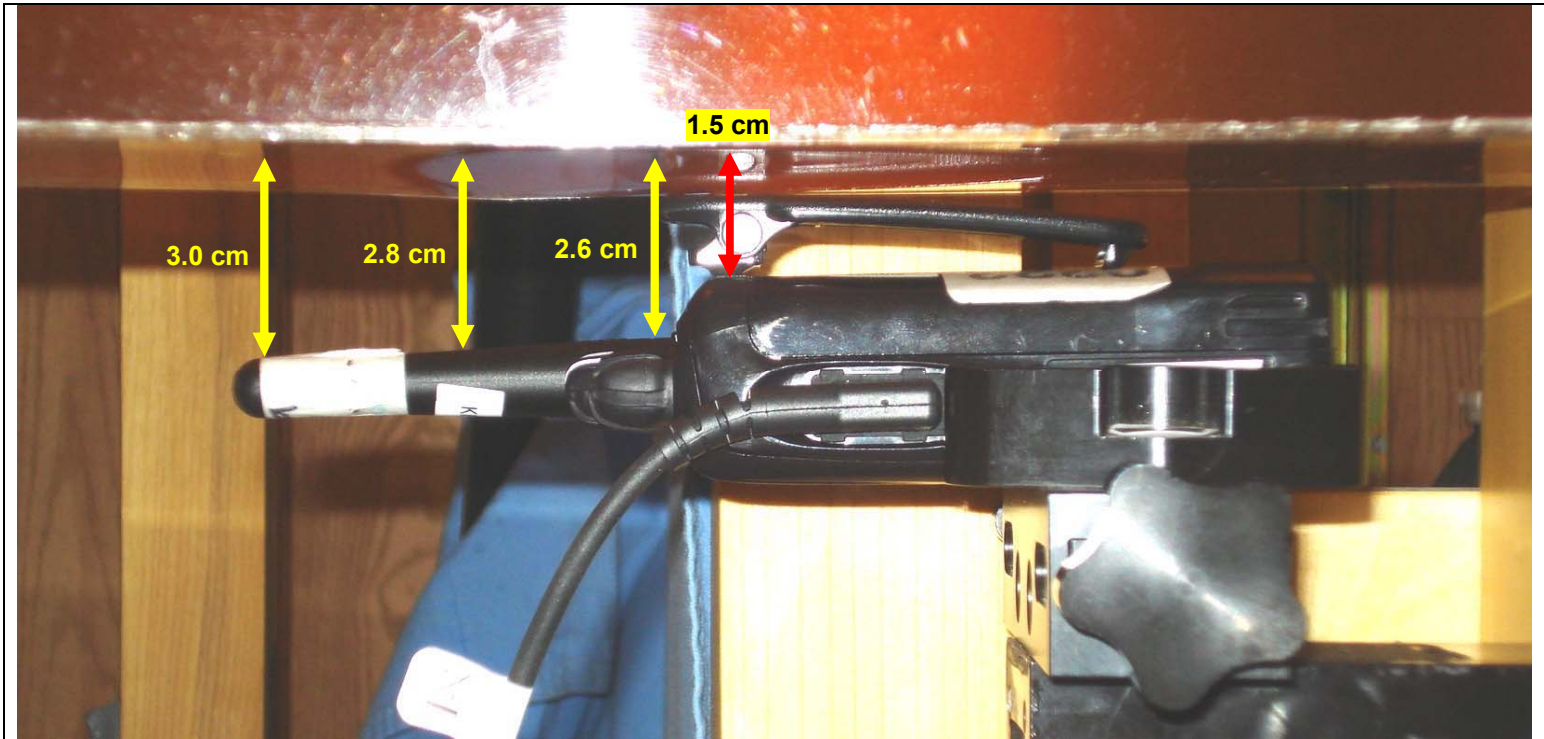
Body-worn SAR Test Setup with KBH-12 [Belt-Clip](#) and Default Audio Accessory (Headset P/N: KHS-10-BH)

| | | | | | | |
|-------------------------|---|--|------------------------|------------|--------------------------|----------------|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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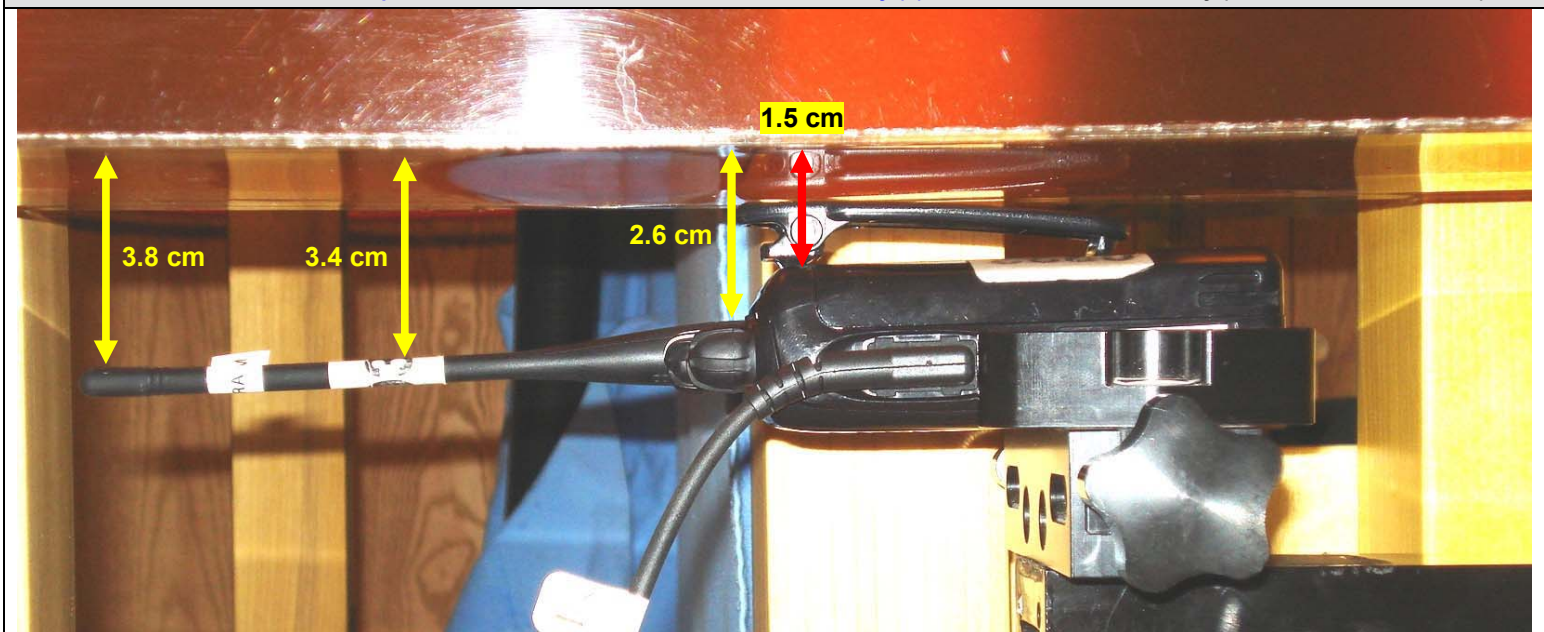
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|---|--|---|---|--|
|  | <u>Date(s) of Evaluation</u> Jan. 06-07, 21 & Mar. 04, 2011 | <u>Test Report Serial No.</u> 121510ALH-T1069-S90U | <u>Test Report Revision No.</u> Rev. 1.2 (3rd Release) |  |
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Test Lab Certificate No. 2470.01

BODY-WORN SAR TEST SETUP PHOTOGRAPHS (WITH DEFAULT AUDIO ACC.)





NX-320-K6 with KBH-12 Belt-Clip, KRA-23M/M3* "Antenna A/B", KNB-55L "Battery (b)" & Default Audio Accessory (Headset P/N: KHS-10-BH)



NX-320-K6 with KBH-12 Belt-Clip, KRA-27M "Antenna C", KNB-55L "Battery (b)" & Default Audio Accessory (Headset P/N: KHS-10-BH)

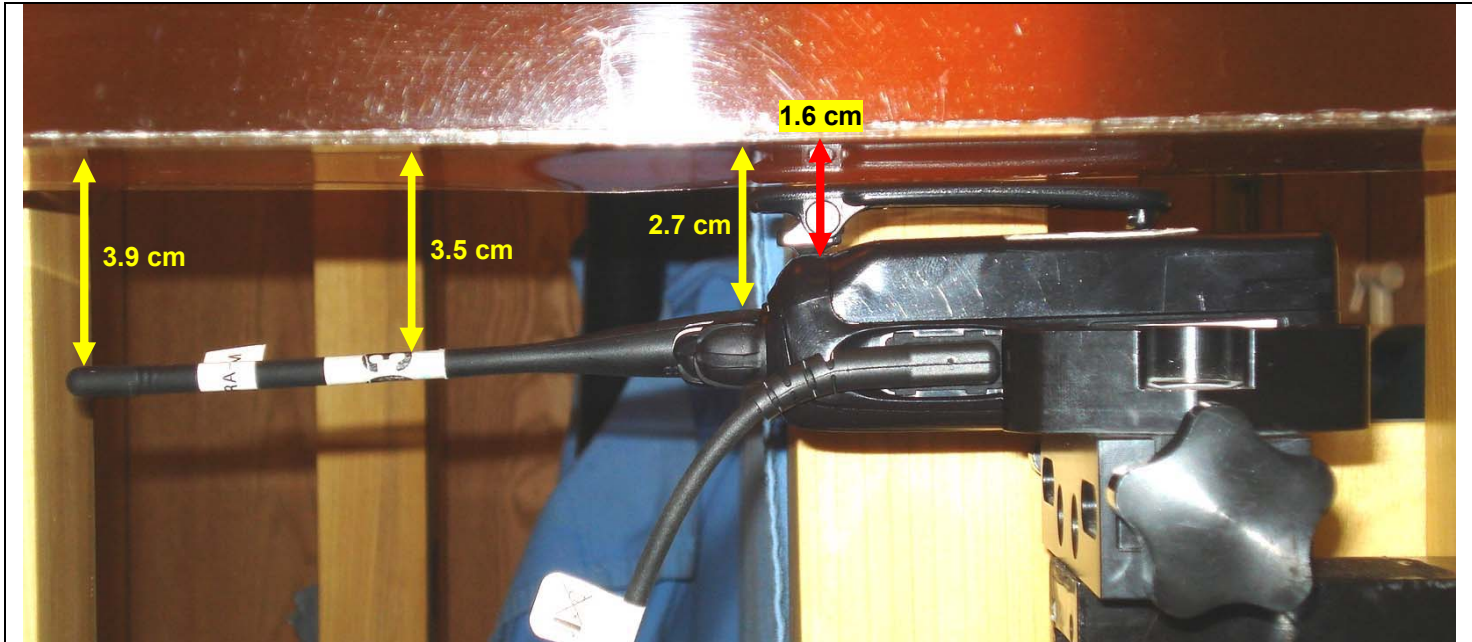
*note: Antennas KRA-23M and KRA-23M3 have identical dimensions

| | | | | | | |
|-------------------------|--------------------------------------|--|-----------------|------------|-------------------|----------------|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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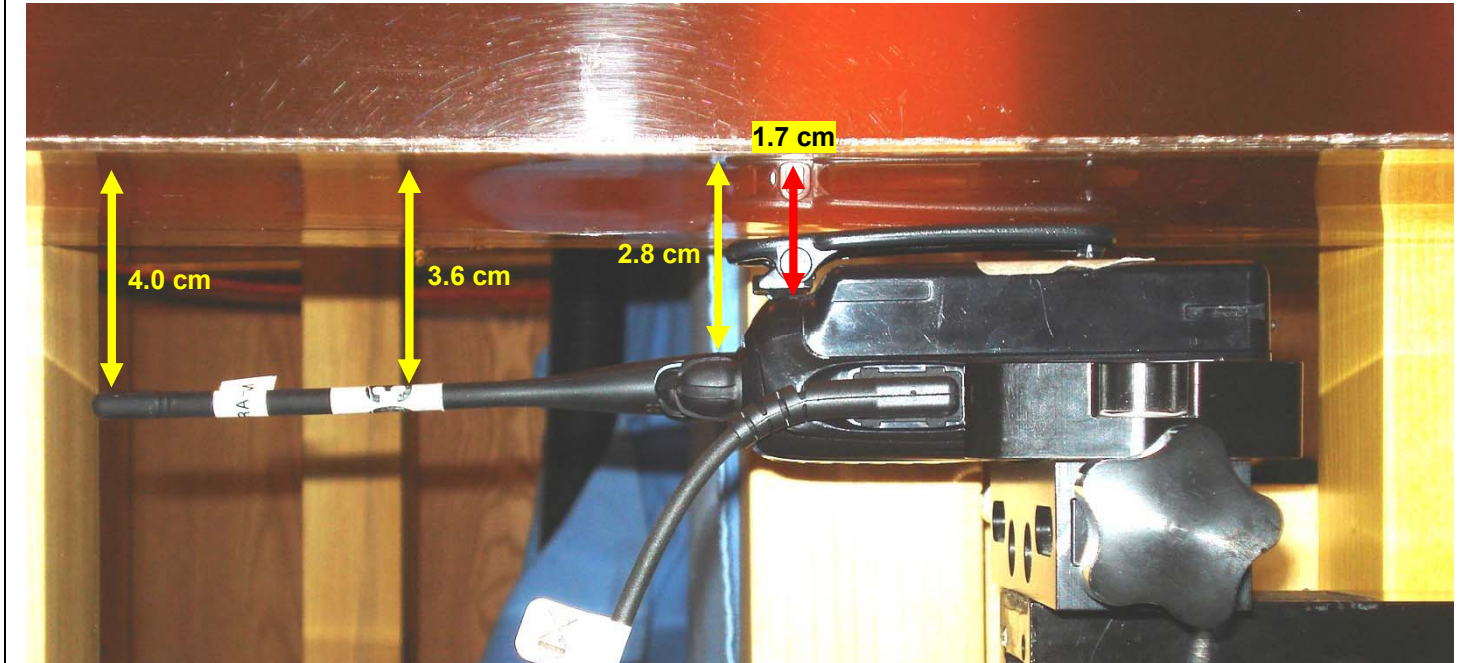
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|---|---|--|--|--|
|  | Date(s) of Evaluation Jan. 06-07, 21 & Mar. 04, 2011 | Test Report Serial No. 121510ALH-T1069-S90U | Test Report Revision No. Rev. 1.2 (3rd Release) |  |
| | Test Report Issue Date March 04, 2011 | Description of Test(s) Specific Absorption Rate | RF Exposure Category Occupational (Controlled) | |

Test Lab Certificate No. 2470.01

BODY-WORN SAR TEST SETUP PHOTOGRAPHS (WITH DEFAULT AUDIO ACC.)





NX-320-K6 with KBH-12 Belt-Clip, KRA-27M "Antenna C", KNB-57L "Battery (a)" & Default Audio Accessory (Headset P/N: KHS-10-BH)

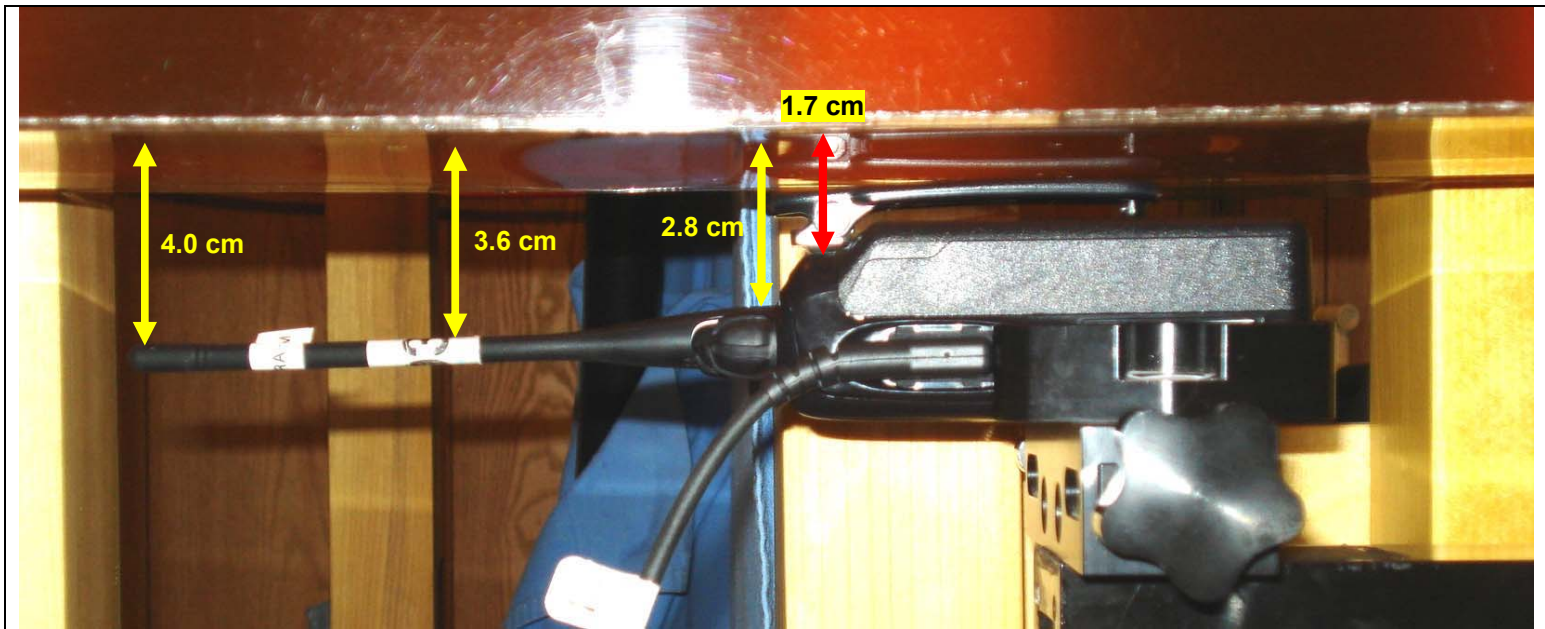


NX-320-K6 with KBH-12 Belt-Clip, KRA-27M "Antenna C", KNB-56N "Battery (c)" & Default Audio Accessory (Headset P/N: KHS-10-BH)

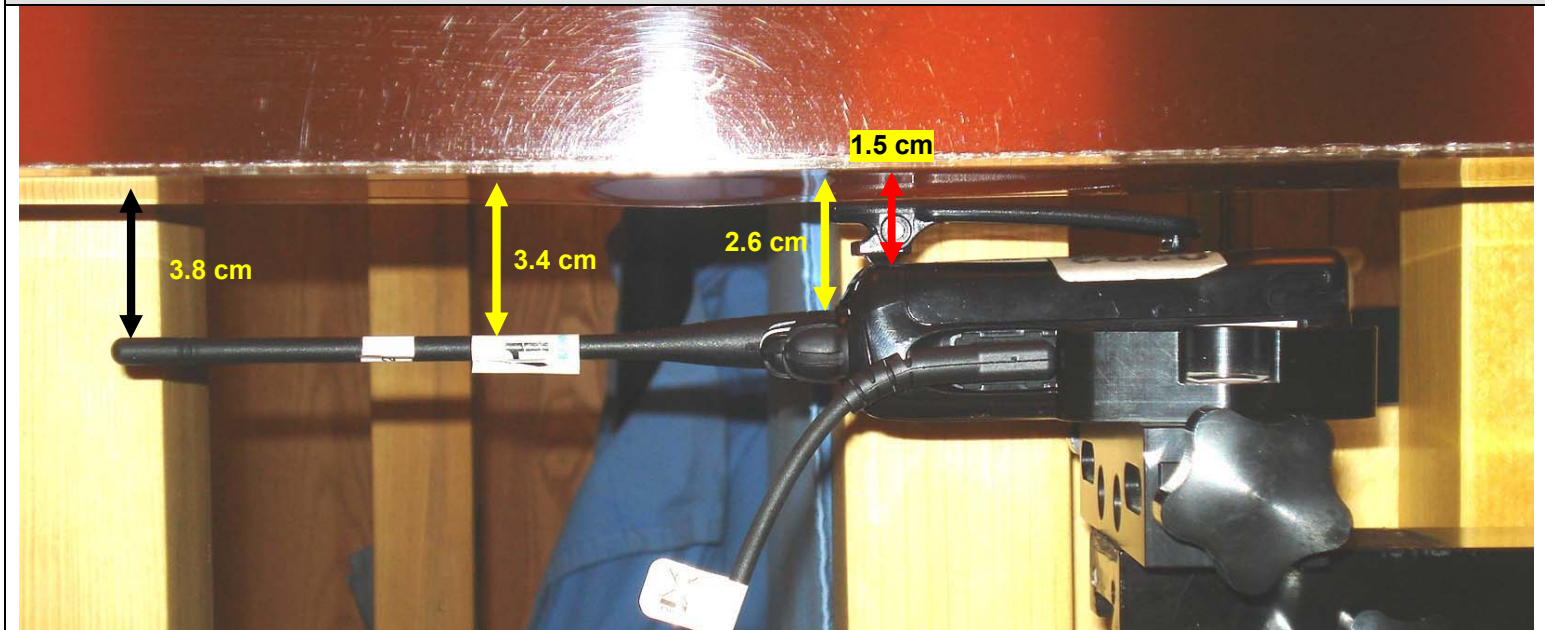
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| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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| | <u>Test Report Issue Date</u> March 04, 2011 | <u>Description of Test(s)</u> Specific Absorption Rate | <u>RF Exposure Category</u> Occupational (Controlled) | |

BODY-WORN SAR TEST SETUP PHOTOGRAPHS (WITH DEFAULT AUDIO ACC.)






NX-320-K6 with KBH-12 **Belt-Clip**, KRA-27M "**Antenna C**", KBP-5 "**Battery (d)**" & Default Audio Accessory (Headset P/N: KHS-10-BH)



NX-320-K6 with KBH-12 **Belt-Clip**, KRA-27M3 "**Antenna D**", KNB-55L "**Battery (b)**" & Default Audio Accessory (Headset P/N: KHS-10-BH)

| | | | | | | |
|-------------------------|--------------------------------------|--|-----------------|------------|-------------------|----------------|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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| | <u>Test Report Issue Date</u> March 04, 2011 | <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 (WITH DEFAULT AUDIO ACC.)

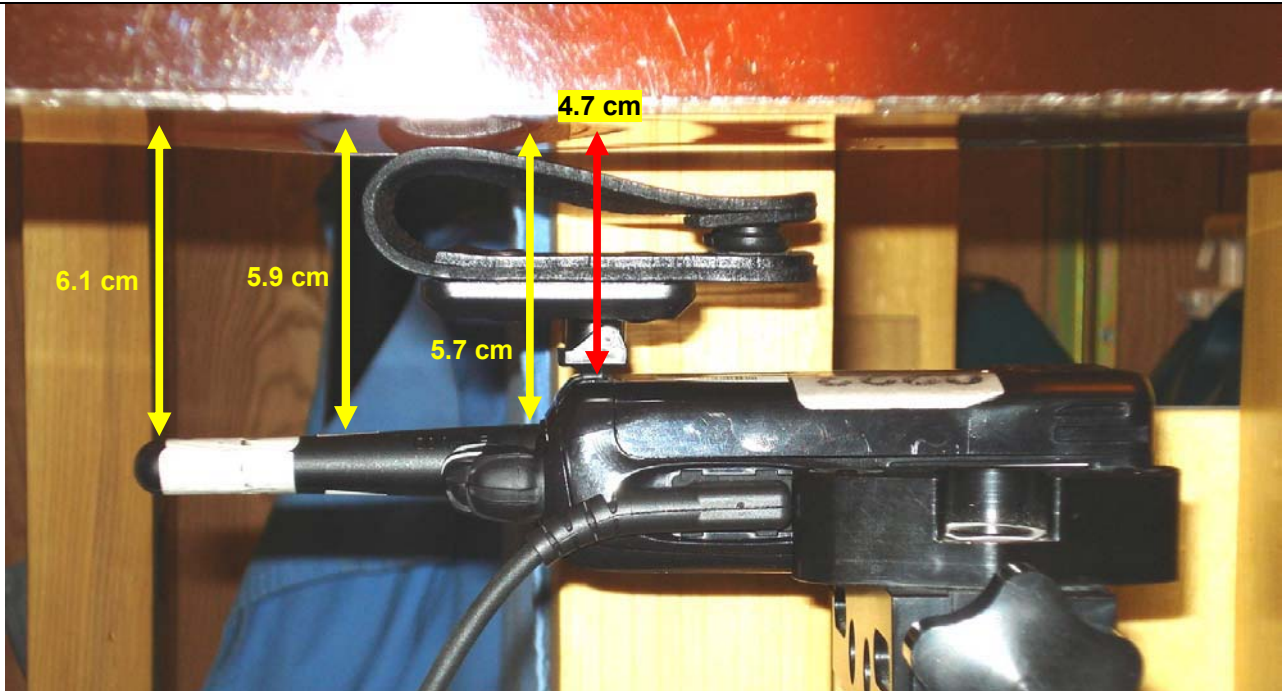


Body-worn SAR Test Setup with KBH-13DS Swivel Belt-Loop and Default Audio Accessory (Headset P/N: KHS-10-BH)

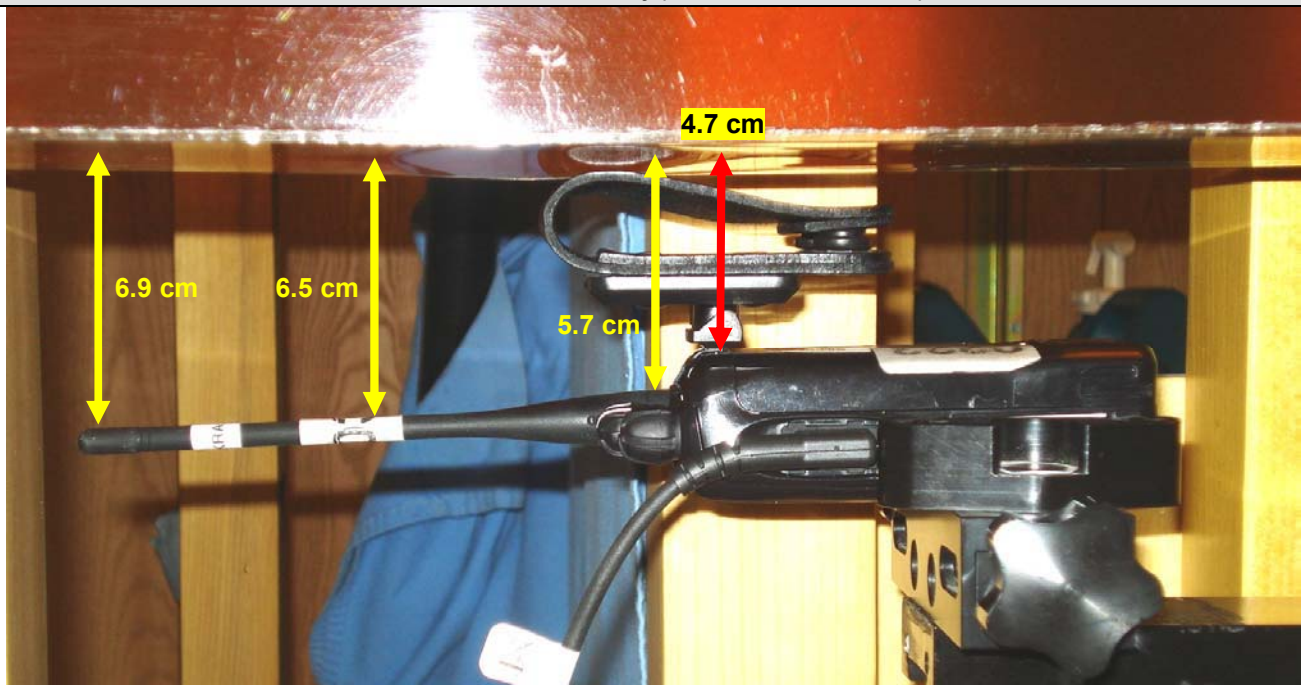
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|-------------------------|---|--|------------------------|------------|--------------------------|----------------|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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BODY-WORN SAR TEST SETUP PHOTOGRAPHS (WITH DEFAULT AUDIO ACC.)





NX-320-K6 with KBH-13DS Swivel Belt-Loop, KRA-23M/M3* "Antenna A/B", KNB-55L "Battery (b)"
& Default Audio Accessory (Headset P/N: KHS-10-BH)



NX-320-K6 with KBH-13DS Swivel Belt-Loop, KRA-27M "Antenna C", KNB-55L "Battery (b)"
& Default Audio Accessory (Headset P/N: KHS-10-BH)

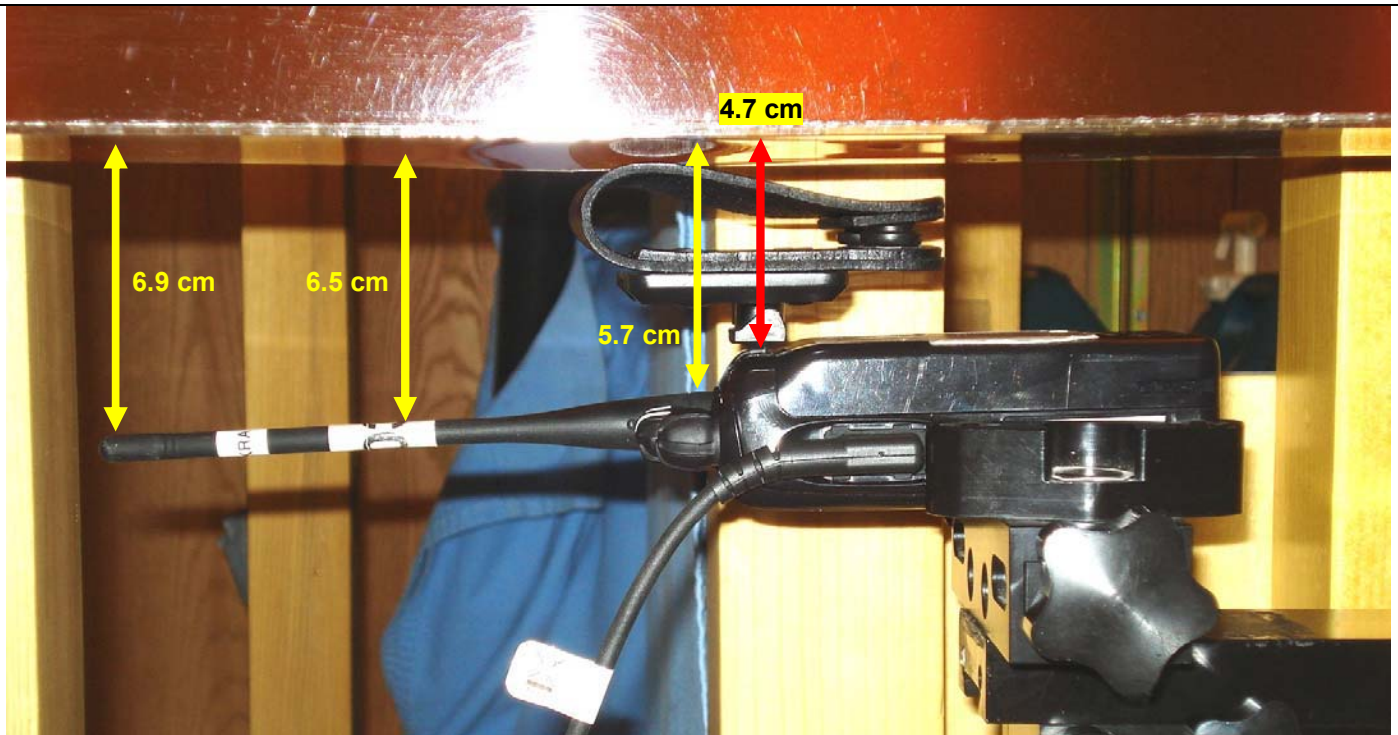
*note: Antennas KRA-23M and KRA-23M3 have identical dimensions

| | | | | | | |
|-------------------------|---|--|------------------------|------------|--------------------------|----------------|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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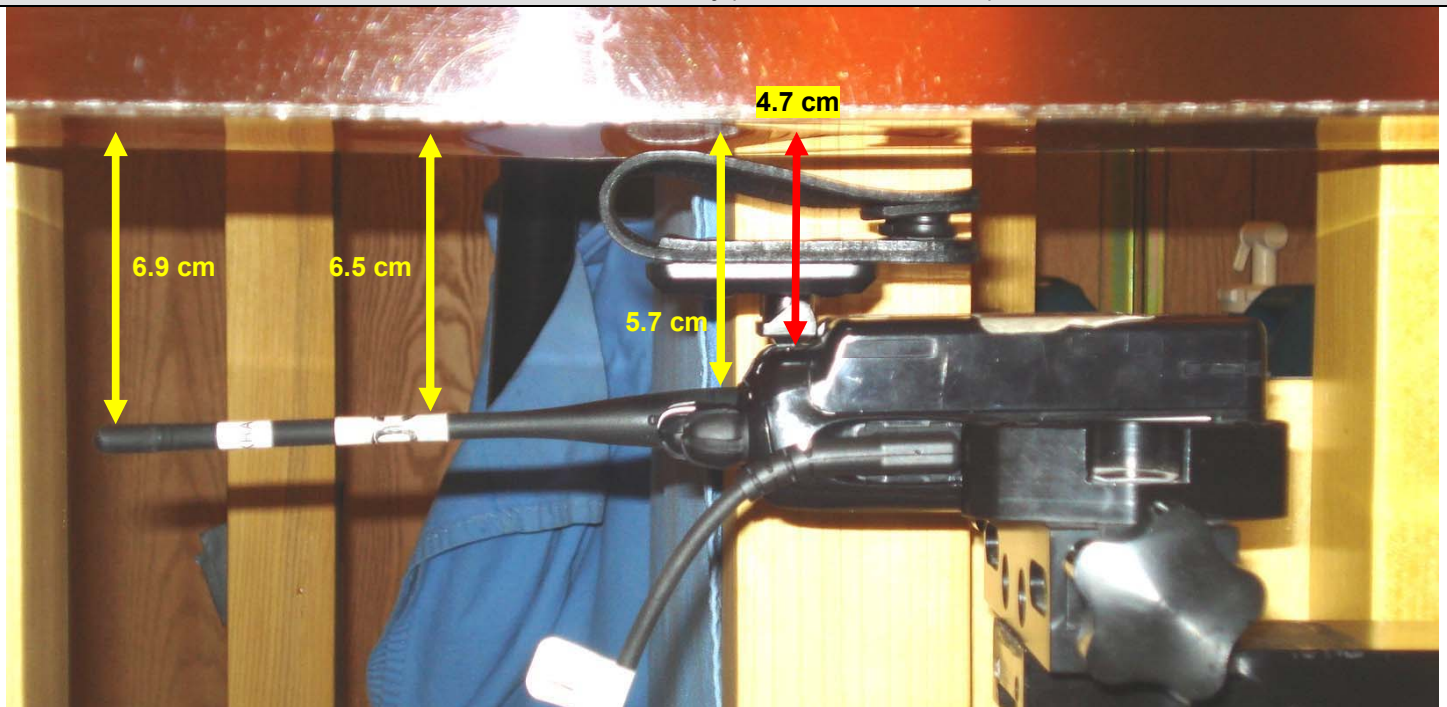
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Test Lab Certificate No. 2470.01

BODY-WORN SAR TEST SETUP PHOTOGRAPHS (WITH DEFAULT AUDIO ACC.)





NX-320-K6 with KBH-13DS Swivel Belt-Loop, KRA-27M "Antenna C", KNB-57L "Battery (a)" & Default Audio Accessory (Headset P/N: KHS-10-BH)



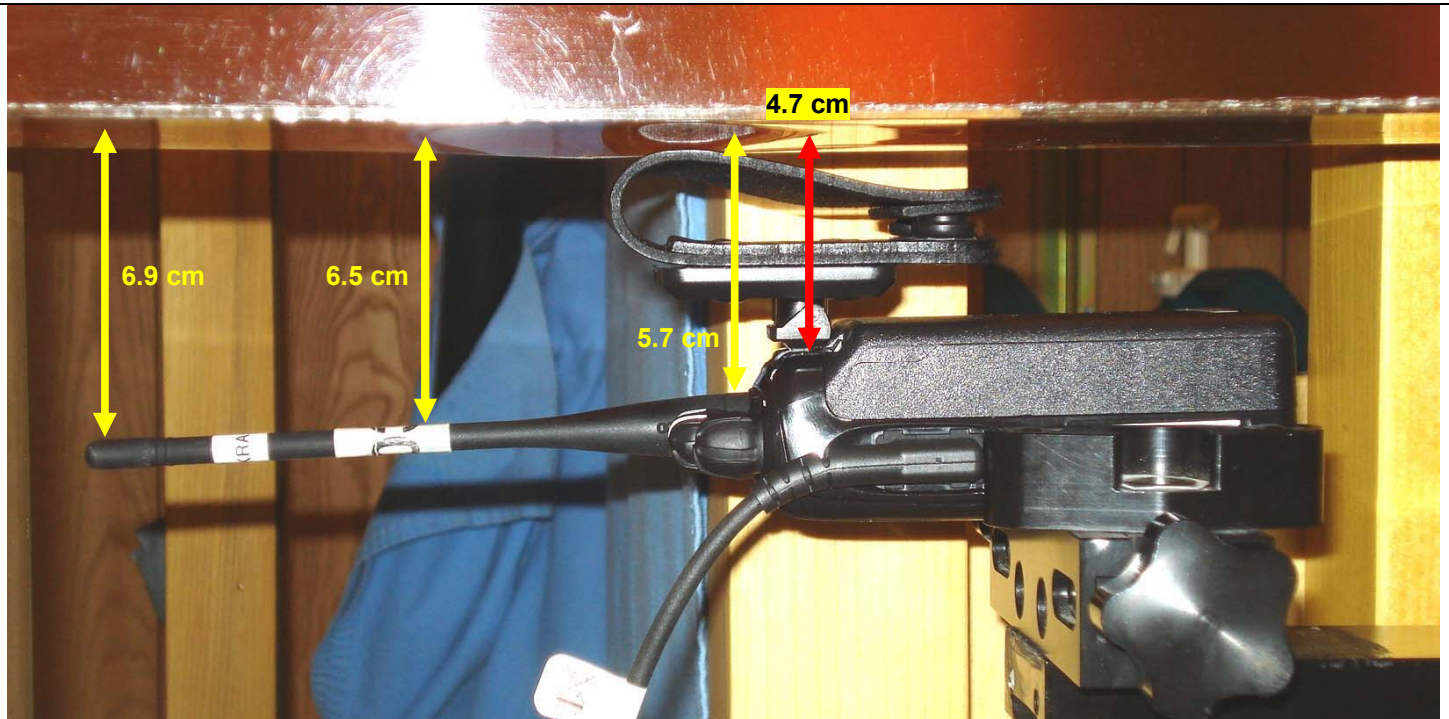
NX-320-K6 with KBH-13DS Swivel Belt-Loop, KRA-27M "Antenna C", KNB-56N "Battery (c)" & Default Audio Accessory (Headset P/N: KHS-10-BH)

| | | | | | | |
|-------------------------|--------------------------------------|--|-----------------|------------|-------------------|----------------|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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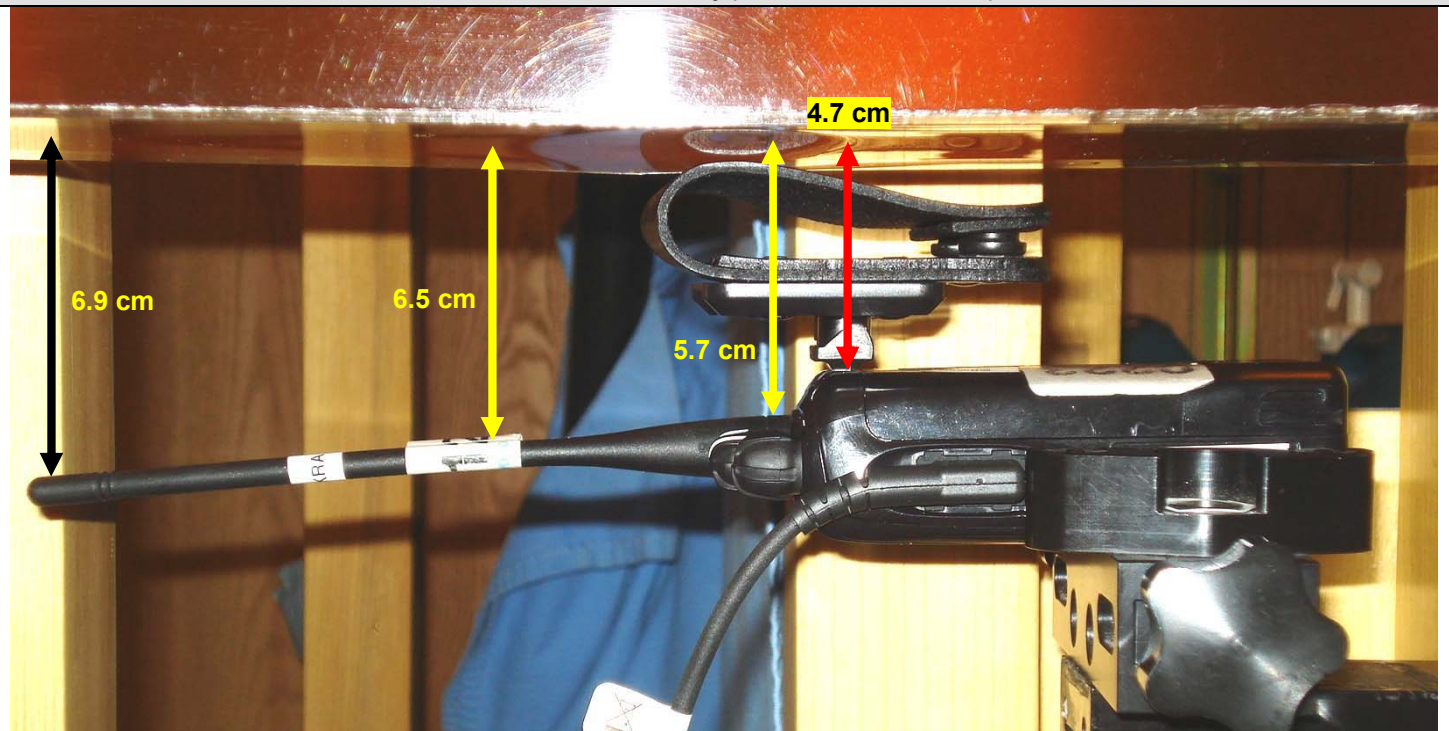
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|---|--|---|---|--|
|  | <u>Date(s) of Evaluation</u> Jan. 06-07, 21 & Mar. 04, 2011 | <u>Test Report Serial No.</u> 121510ALH-T1069-S90U | <u>Test Report Revision No.</u> Rev. 1.2 (3rd Release) |  |
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Test Lab Certificate No. 2470.01

BODY-WORN SAR TEST SETUP PHOTOGRAPHS (WITH DEFAULT AUDIO ACC.)





NX-320-K6 with KBH-13DS Swivel Belt-Loop, KRA-27M "Antenna C", KBP-5 "Battery (d)" & Default Audio Accessory (Headset P/N: KHS-10-BH)



NX-320-K6 with KBH-13DS Swivel Belt-Loop, KRA-27M3 "Antenna D", KNB-55L "Battery (b)" & Default Audio Accessory (Headset P/N: KHS-10-BH)

| | | | | | | |
|-------------------------|--------------------------------------|--|-----------------|------------|-------------------|----------------|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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|---|--|---|---|--|
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Test Lab Certificate No. 2470.01

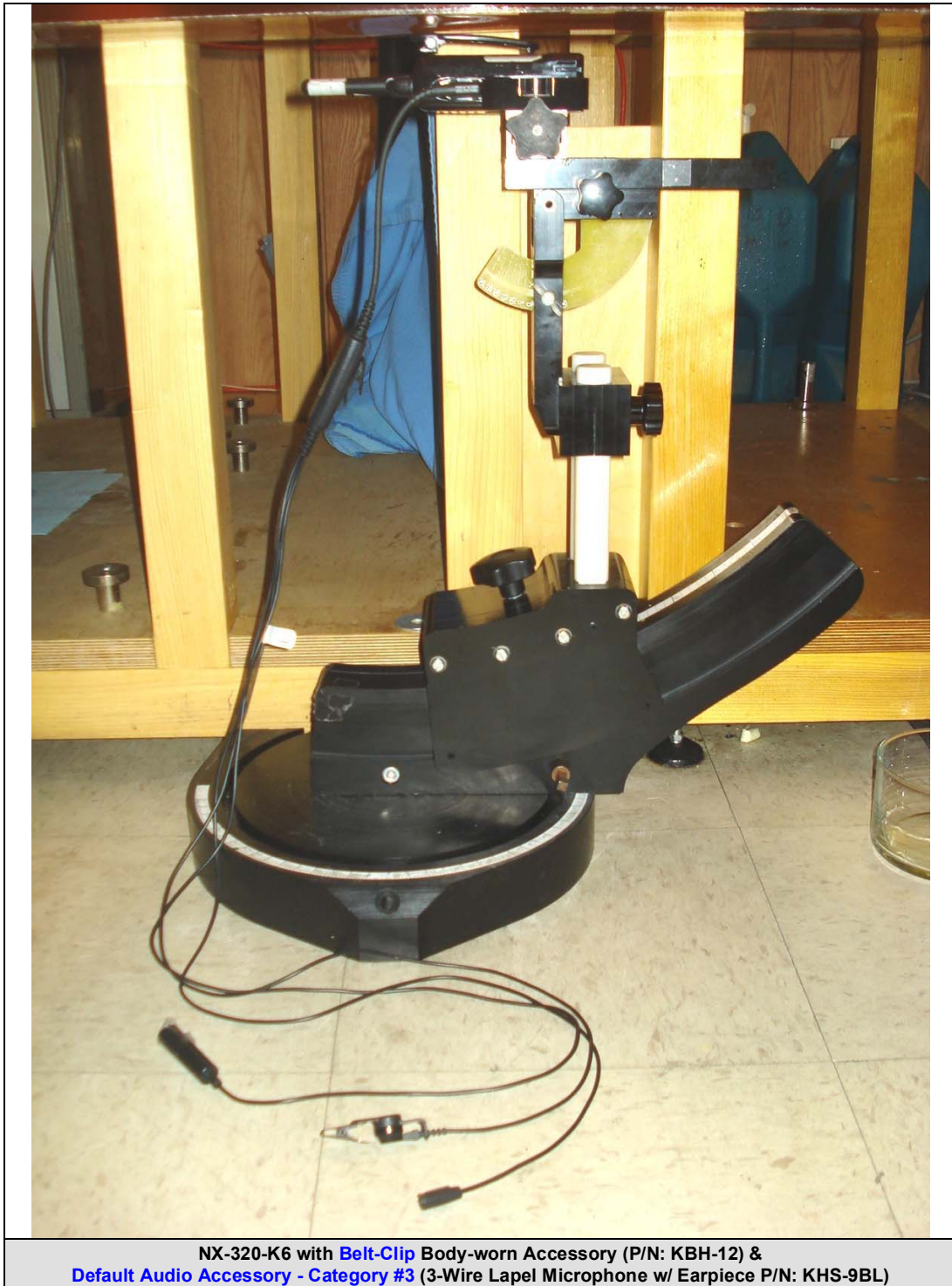
BODY-WORN SAR TEST SETUP PHOTOGRAPHS (w/ DEF. AUDIO ACC. PER CAT.)






| | | | | | | |
|-------------------------|---|--|------------------------|--------------------------|--------------------|----------------|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | 406.1 - 470.0 MHz | | |
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BODY-WORN SAR TEST SETUP PHOTOGRAPHS (w/ DEF. AUDIO ACC. PER CAT.)



| | | | | | | |
|-------------------------|---|--|------------------------|------------|--------------------------|----------------|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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|---|--|---|---|---|
|  | <u>Date(s) of Evaluation</u> Jan. 06-07, 21 & Mar. 04, 2011 | <u>Test Report Serial No.</u> 121510ALH-T1069-S90U | <u>Test Report Revision No.</u> Rev. 1.2 (3rd Release) |   |
| | <u>Test Report Issue Date</u> March 04, 2011 | <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 (w/ DEF. AUDIO ACC. PER CAT.)



NX-320-K6 with Belt-Clip Body-worn Accessory (P/N: KBH-12) & Default Audio Accessory - Category #4 Speaker Microphone w/ Integral GPS Unit (P/N: KMC-48GPS)

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|-------------------------|---|--|------------------------|------------|--------------------------|----------------|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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DUT PHOTOGRAPHS



Front of NX-320-K4

No LCD



Front of NX-320-K5



LCD & 4 Control Keys



Front of NX-320-K6

LCD, 4 CTRL keys & DTMF keys



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|-------------------------|---|--|------------------------|------------|--------------------------|-----------------|
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| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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DUT PHOTOGRAPHS



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DUT PHOTOGRAPHS



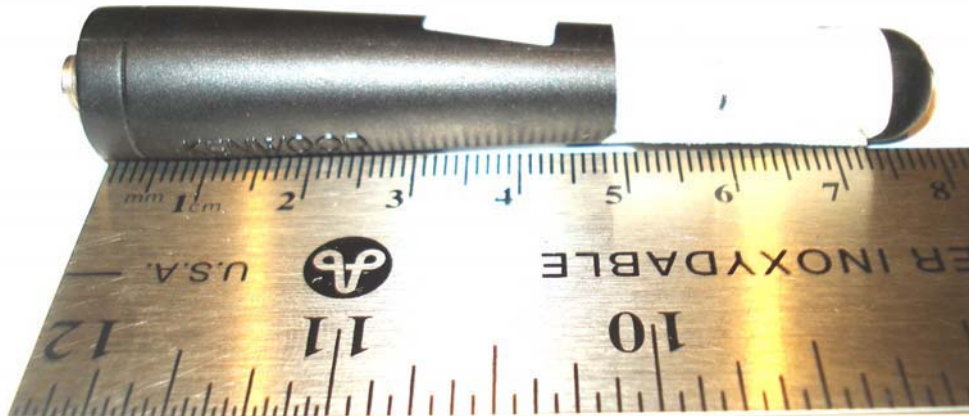
Front of NX-320-K6 with KRA-23M Antenna



Back of NX-320-K6 w/ KRA-23M & Belt-Clip





Back of NX-320-K6 w/ KRA-23M & Swivel Belt-Loop



Detachable Stub "Antenna A/B" P/N: KRA-23M/M3 (Length = 80 mm) *

*Note: Antennas KRA-23M and KRA-23M3 are identical dimensions

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|-------------------------|--------------------------------------|--|-----------------|-----|-------------------|-----------------|
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| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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| | <u>Test Report Issue Date</u> March 04, 2011 | <u>Description of Test(s)</u> Specific Absorption Rate | <u>RF Exposure Category</u> Occupational (Controlled) | |

DUT PHOTOGRAPHS



Front of NX-320-K6 with KRA-27M Antenna



Back of NX-320-K6 with KRA-27M & Belt-Clip

Back of NX-320-K6 w/ KRA-27M & Swivel Belt-Loop



Detachable Whip "Antenna C" P/N: KRA-27M (Length = 149 mm)

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|-------------------------|---|--|------------------------|------------|--------------------------|-----------------|
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| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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Test Lab Certificate No. 2470.01

DUT PHOTOGRAPHS



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DUT PHOTOGRAPHS



Left Side of NX-320-K6 with KNB-57L Li-ion "Battery a" & Belt-Clip accessory



Right Side of NX-320-K6 with KNB-57L Li-ion "Battery a" & Belt-Clip accessory





Bottom end of NX-320-K6 w/ KNB-57L "Battery a" & Belt-Clip



Top end of NX-320-K6 w/ KNB-57L "Battery a" & Belt-Clip

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|-------------------------|---|--|------------------------|------------|--------------------------|-----------------|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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DUT PHOTOGRAPHS



Left Side of NX-320-K6 with KNB-57L Li-ion "Battery a" & Swivel Belt-Loop accessory



Right Side of NX-320-K6 with KNB-57L Li-ion "Battery a" & Swivel Belt-Loop accessory





Bottom end of NX-320-K6 w/ KNB-57L "Battery a" & Belt-Loop



Top end of NX-320-K6 w/ KNB-57L "Battery a" & Belt-Loop

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|-------------------------|---|--|------------------------|------------|--------------------------|-----------------|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
| DUT Type: | Portable UHF-L PTT Radio Transceiver | Models: | NX-320-K4/K5/K6 | | 406.1 - 470.0 MHz | |
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DUT PHOTOGRAPHS



Left Side of NX-320-K6 with KNB-55L Li-ion "Battery b" & Belt-Clip accessory



Right Side of NX-320-K6 with KNB-55L Li-ion "Battery b" & Belt-Clip accessory





Bottom end of NX-320-K6 w/ KNB-55L "Battery b" & Belt-Clip



Top end of NX-320-K6 w/ KNB-55L "Battery b" & Belt-Clip

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|-------------------------|---|--|------------------------|------------|--------------------------|-----------------|
| Applicant: | Kenwood USA Corporation | FCC ID: | ALH431001 | IC: | 282D-431001 | KENWOOD |
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DUT PHOTOGRAPHS



Left Side of NX-320-K6 with KNB-55L Li-ion "Battery b" & Swivel Belt-Loop accessory



Right Side of NX-320-K6 with KNB-55L Li-ion "Battery b" & Swivel Belt-Loop accessory





Bottom end of NX-320-K6 w/ KNB-55L "Battery b" & Belt-Loop



Top end of NX-320-K6 w/ KNB-55L "Battery b" & Belt-Loop

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|-------------------------|--------------------------------------|--|-----------------|------------|-------------------|-----------------|
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DUT PHOTOGRAPHS



Left Side of NX-320-K6 with KNB-56N Ni-MH "Battery c" & Belt-Clip accessory



Right Side of NX-320-K6 with KNB-56N Ni-MH "Battery c" & Belt-Clip accessory






Bottom end of NX-320-K6 with KNB-56N "Battery c" & Belt-Clip



Top end of NX-320-K6 w/ KNB-56N "Battery c" & Belt-Clip

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|-------------------------|---|--|------------------------|------------|--------------------------|-----------------|
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DUT PHOTOGRAPHS



Left Side of NX-320-K6 with KNB-56N Ni-MH "Battery c" & Swivel Belt-Loop accessory



Right Side of NX-320-K6 with KNB-56N Ni-MH "Battery c" & Swivel Belt-Loop accessory



Bottom end of NX-320-K6 w/ KNB-56N "Battery c" & Belt-Loop



Top end of NX-320-K6 w/ KNB-56N "Battery c" & Belt-Loop

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