RAPTORX VHF/UHF BROADBAND NETWORKING RADIO SYSTEM
EXTERNAL EQUIPMENT VIEWS
FCC ID: 2ABCU-50739
05/01/15

Figure 1: Front View RaptorX Network and Redundant Power Supply Shelves
Figure 2: Top Isometric Right View of RaptorX Network and Redundant Power Supply Shelves
Figure 3: Front Left Isometric View of Network and Redundant Power Supply Shelves
Figure 4: Rear View of Power Supply and Redundant Network Shelves
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FIGURE 1: FRONT VIEW OF RAPTORX NETWORK AND REDUNDANT POWER SHELVES

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Actual 1U Shelf Measurements including Lids
1.725" ± .025" H
14.410" ± .020" W
16.830" ± .020" L

The RaptorX VHF/UHF Broadband Network Radio and Redundant Power Unit are identical in size.

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FIGURE 2: TOP ISOMETRIC RIGHT VIEW OF RAPTORX NETWORK AND REDUNDANT POWER SHELVES

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Actual 1U Shelf Measurements including Lids
1.725" ± .025" H
14.410" ± .020" W
16.830" ± .020" L

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FIGURE 3: FRONT LEFT ISOMETRIC VIEW OF NETWORK AND REDUNDANT POWER SHELVES

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Actual 1U Shelf Measurements including Lids
1.725" ± .025" H
14.410" ± .020" W
16.830" ± .020" L

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FIGURE 4: REAR VIEW OF REDUNDANT POWER SHELF (BOTTOM) AND NETWORK SHELF (TOP)

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Actual 1U Shelf Measurements including Lids
1.725" ± .025" H
14.410" ± .020" W
16.830" ± .020" L

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FIGURE 5: ISOMETRIC REAR VIEW OF NETWORK AND REDUNDANT POWER SHELVES

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Actual 1U Shelf Measurements including Lids
1.725" ± .025" H
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FIGURE 6: LEFT SIDE VIEW OF NETWORK AND REDUNDANT POWER SHELVES

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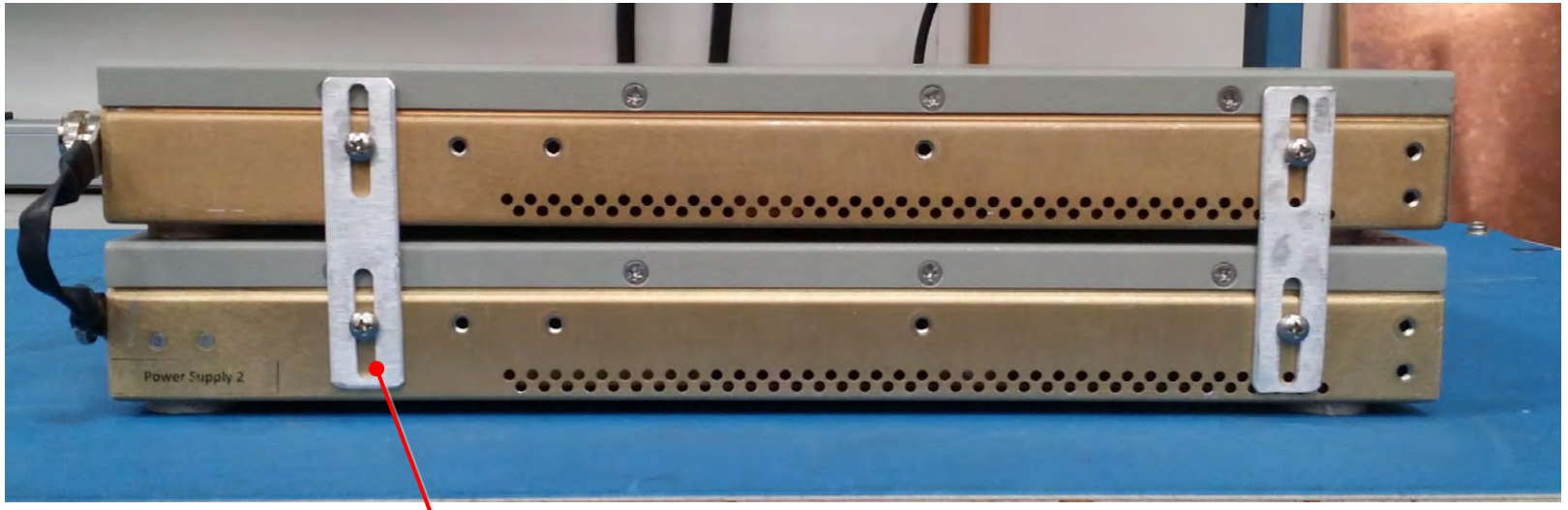

Aluminum straps used for test convenience only

Actual 1U Shelf Measurements including Lids
1.725" ± .025" H
14.410" ± .020" W
16.830" ± .020" L

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FIGURE 7: RIGHT SIDE VIEW OF NETWORK SHELF AND REDUNDANT POWER SHELF

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Aluminum straps used for test convenience only

Actual 1U Shelf Measurements including Lids
1.725" ± .025" H
14.410" ± .020" W
16.830" ± .020" L

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FIGURE 8: FRONT VIEW OF REDUNDANT POWER SHELF

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LED STATUS FIELD

Actual 1U Shelf Measurements including Lids
1.725" ± .025" H
14.410" ± .020" W
16.830" ± .020" L

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FIGURE 9: ISOMETRIC TOP VIEW OF REDUNDANT POWER SHELF

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Actual 1U Shelf Measurements including Lids
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FIGURE 10: REAR VIEW OF REDUNDANT POWER SHELF

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Actual 1U Shelf Measurements including Lids
1.725" ± .025" H
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FIGURE 11: TOP VIEW REDUNDANT POWER SHELF

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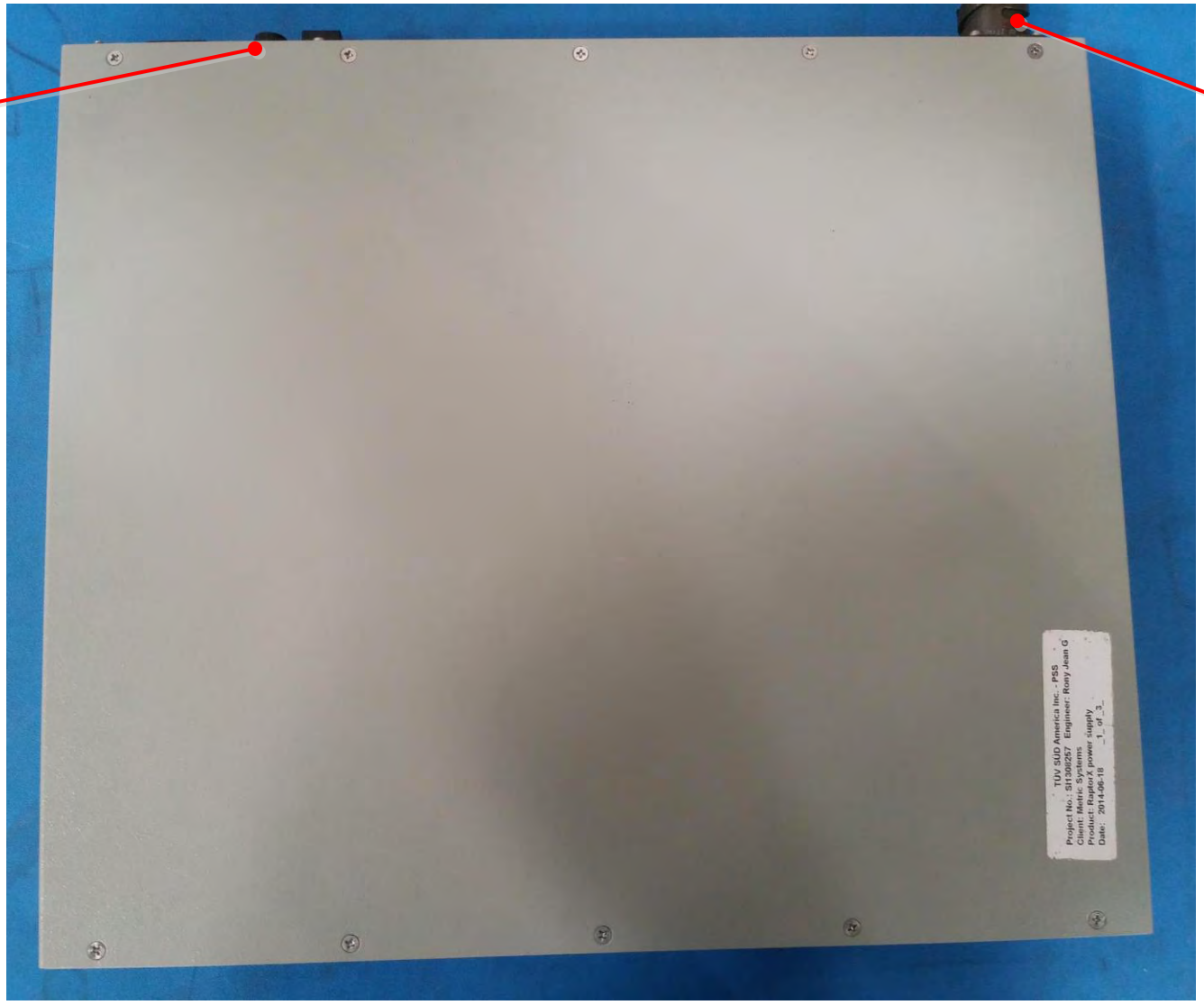
AC FUSE



DC OUTPUT PORT

Actual 1U Shelf Measurements including Lids
1.725" ± .025" H
14.410" ± .020" W
16.830" ± .020" L

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FIGURE 12: BOTTOM VIEW REDUNDANT POWER SHELF

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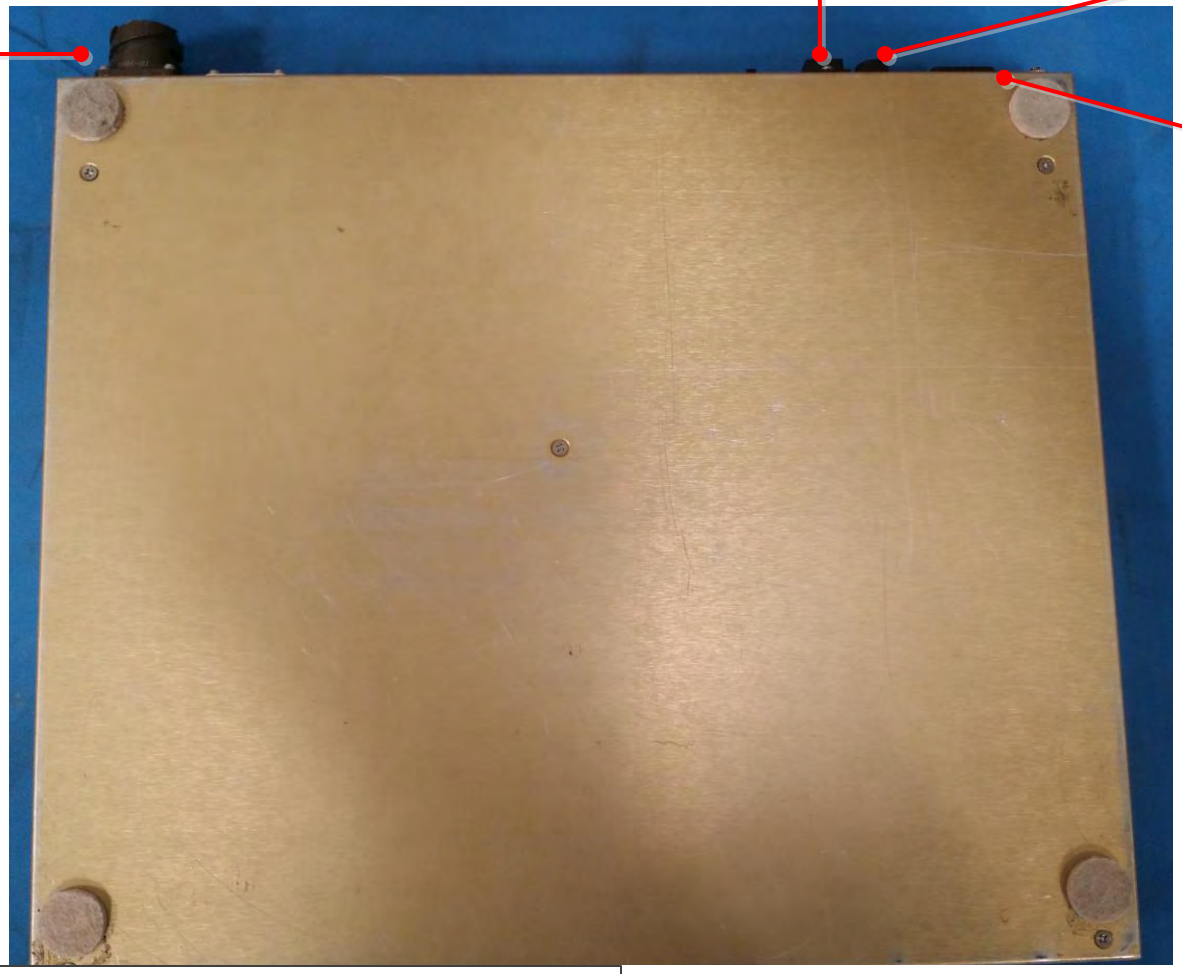

Actual 1U Shelf Measurements including Lids
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14.410" ± .020" W
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FIGURE 13: RIGHT SIDE VIEW REDUNDANT POWER SHELF

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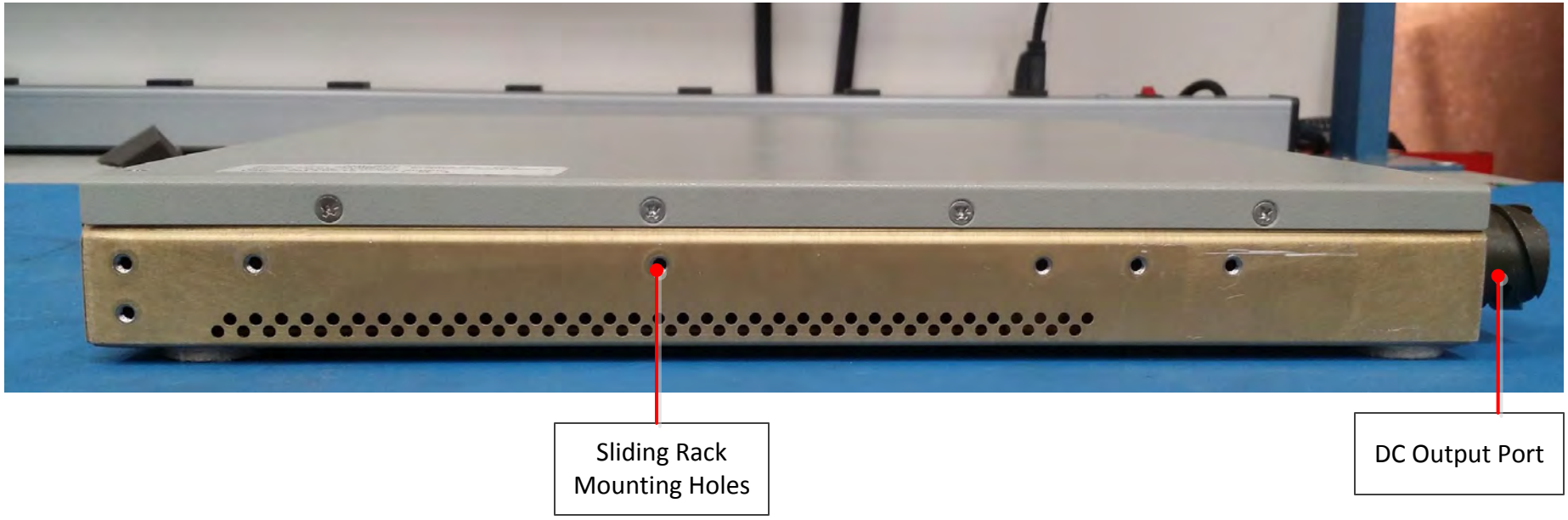

Actual 1U Shelf Measurements including Lids
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FIGURE 14: REAR VIEW REDUNDANT POWER SUPPLY

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DC Output Port to Network Shelf

PA DC Control Switch. Not used in Production

Production Test Switches

Power Supply USB Monitoring and Control Port

AC Fuse

Earth Ground

AC Input

Actual 1U Shelf Measurements including Lids
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14.410" ± .020" W
16.830" ± .020" L

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FIGURE 15: LEFT SIDE VIEW OF REDUNDANT POWER SHELF

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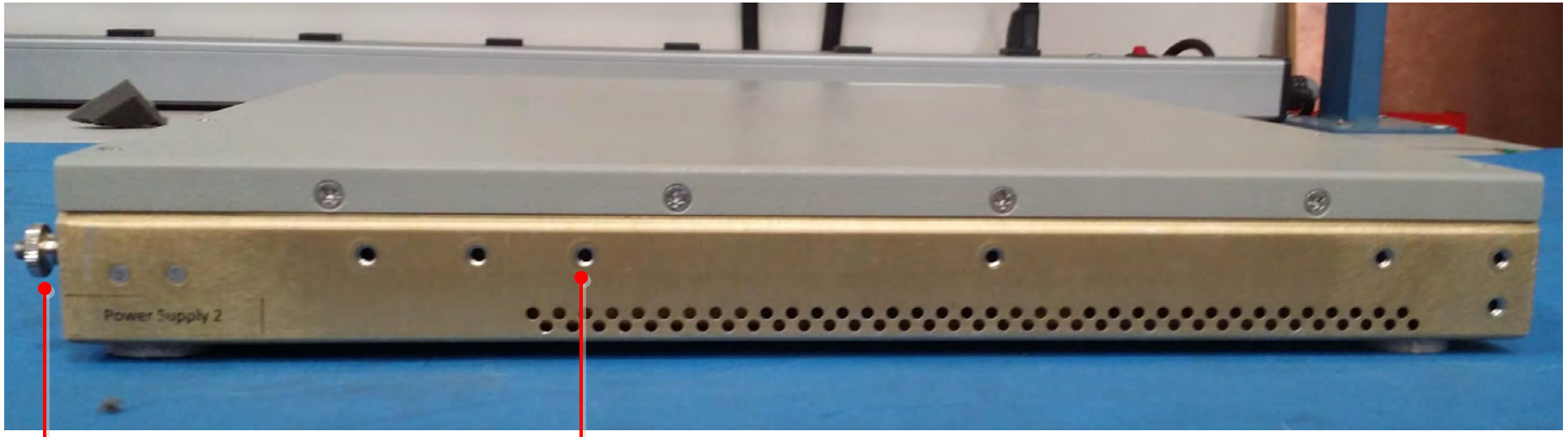

Earth Ground Terminal

Sliding Rack Mounting Holes

Actual 1U Shelf Measurements including Lids
1.725" ± .025" H
14.410" ± .020" W
16.830" ± .020" L

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FIGURE 16: FRONT VIEW RAPTORX NETWORK SHELF
(Contains one White Space Radio)
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Actual 1U Shelf Measurements including Lids
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14.410" ± .020" W
16.830" ± .020" L

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FIGURE 17: ISOMETRIC VIEW RAPTORX NETWORK SHELF

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FIGURE 18: TOP VIEW RAPTORX NETWORK SHELF

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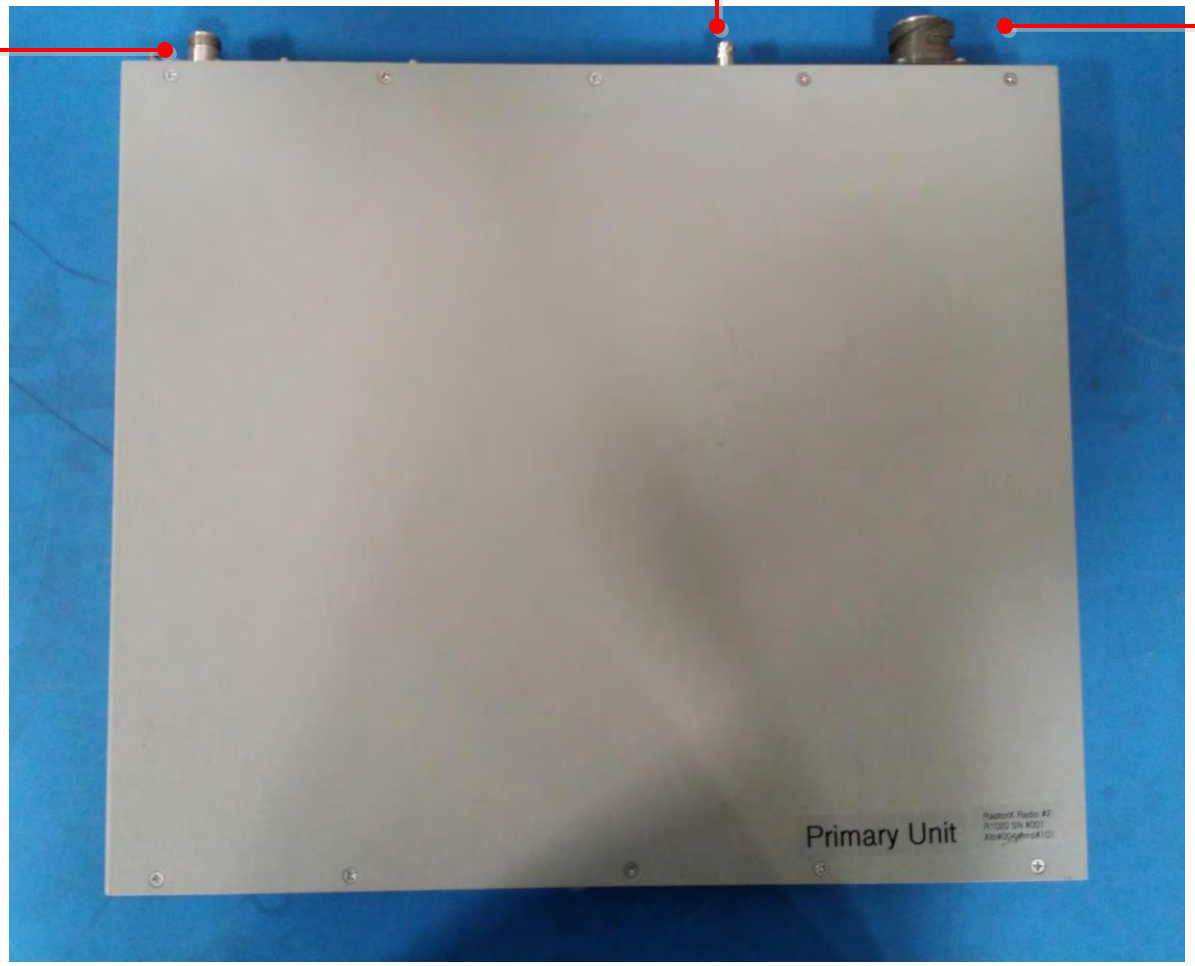

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FIGURE 19: BOTTOM VIEW RAPTORX NETWORK SHELF

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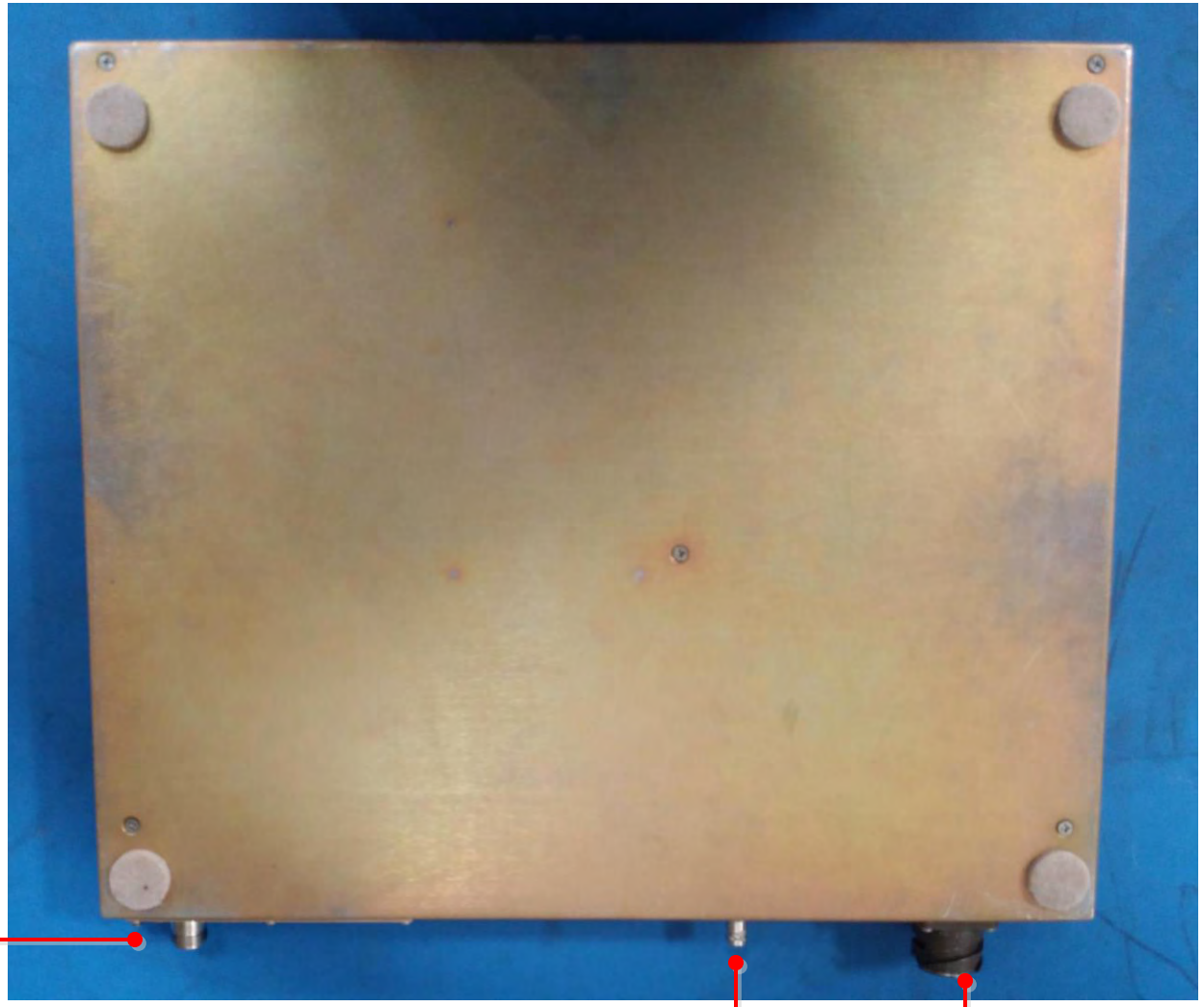

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FIGURE 20: ISOMETRIC REAR VIEW RAPTORX NETWORK SHELF

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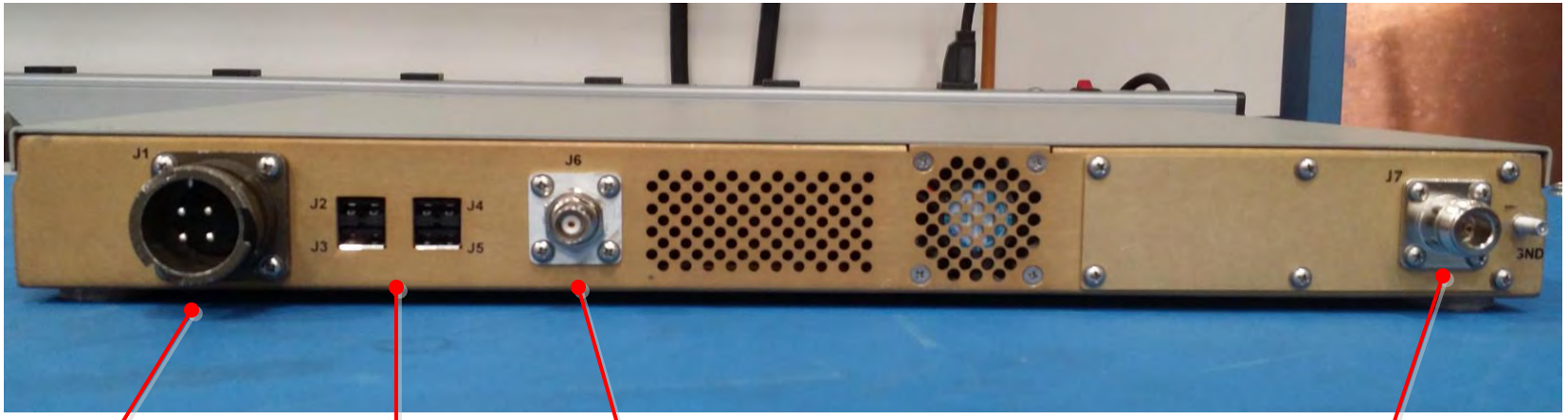
FIGURE 21: REAR VIEW RAPTORX NETWORK SHELF

FCC ID: 2ABCU-50739



DC Input

USB Ports

Tx/Rx Gate (for Test Only)

Tx/Rx Antenna Port

Actual 1U Shelf Measurements including Lids
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FIGURE 22: RIGHT SIDE OF RAPTORX NETWORK SHELF

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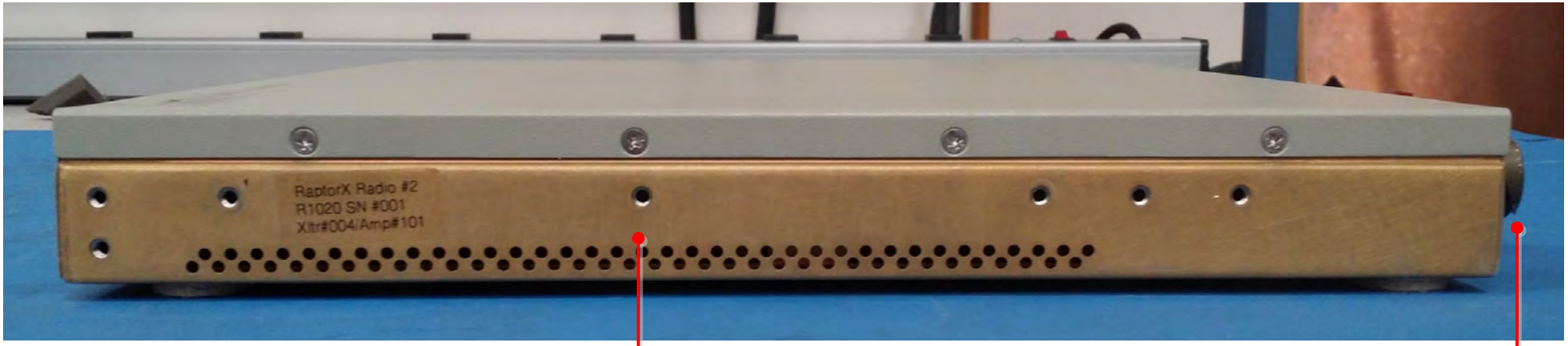

Sliding Rack Mounting Holes

DC Input

Actual 1U Shelf Measurements including Lids
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FIGURE 23: LEFT SIDE OF RAPTORX NETWORK SHELF

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Actual 1U Shelf Measurements including Lids
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