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	<b>DRAW NO.:</b> DC00019-001		
	<b>DESCRIPTION:</b>  FINAL ASSEMBLY REPEATER RX-TX	<b>REV</b>  A	SH. <u>  2  </u> OF <u>  19  </u>


## FCC Warning

### FCC Warning

Modifications not expressly approved by the manufacturer could void the user authority to operate the equipment under FCC Rules.

In order to comply with FCC RF Exposure requirements, the NTR unit must be installed in such a way that there is a 2 meters separation distance between it and all persons during normal operation.

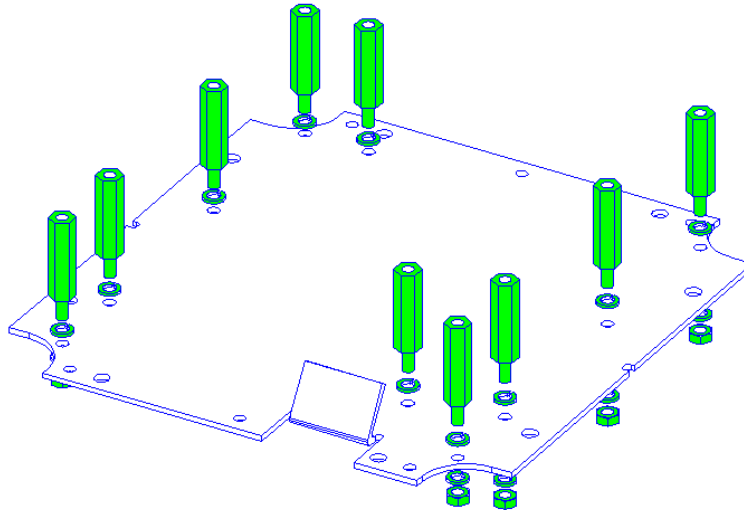
The installer must maintain 2 meters separation distance from the NTR when the device is operational.

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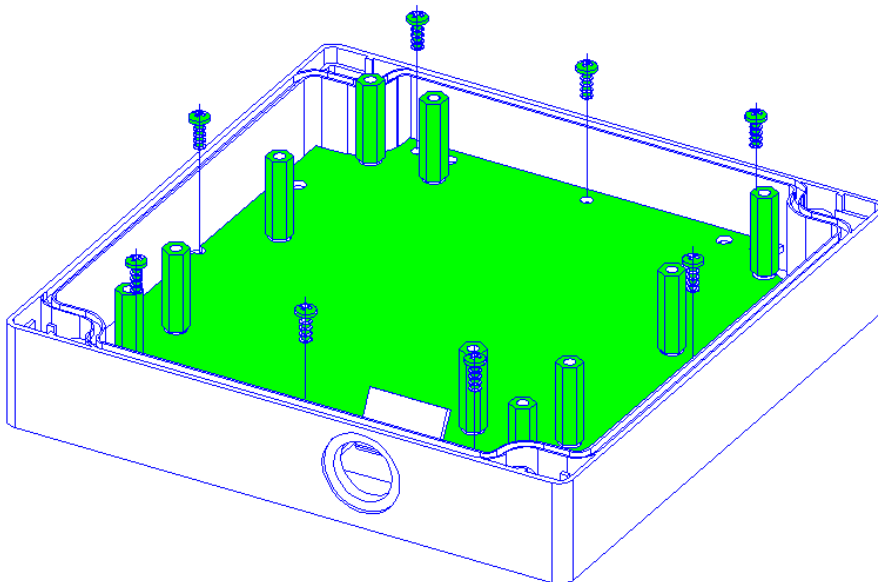
## Mechanical Assembly


### Front Box

Attach **standoffs** with **plain washer**, **nut** and **spring washer** to the lower **board**.



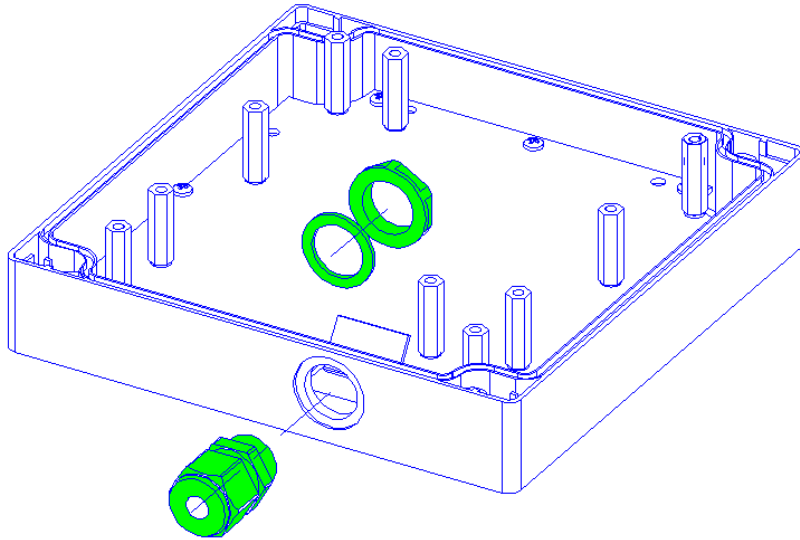
Attach the lower **board** into the **front box** and assemble **screws**.




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# Gland

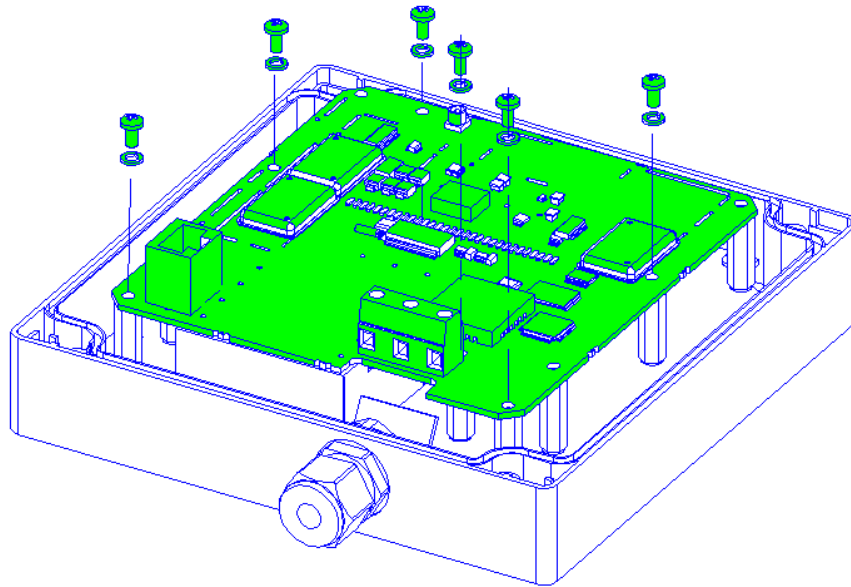
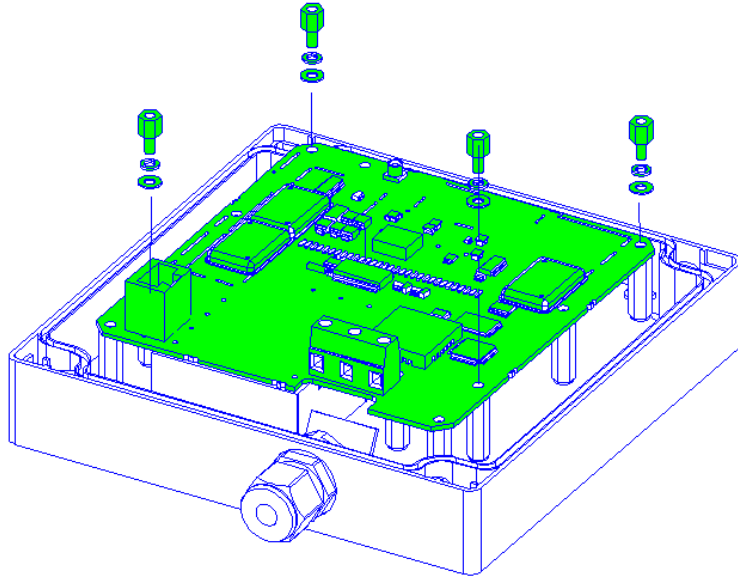
Assemble **gland** with **nut** and **washer**.




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## PCB Assembly

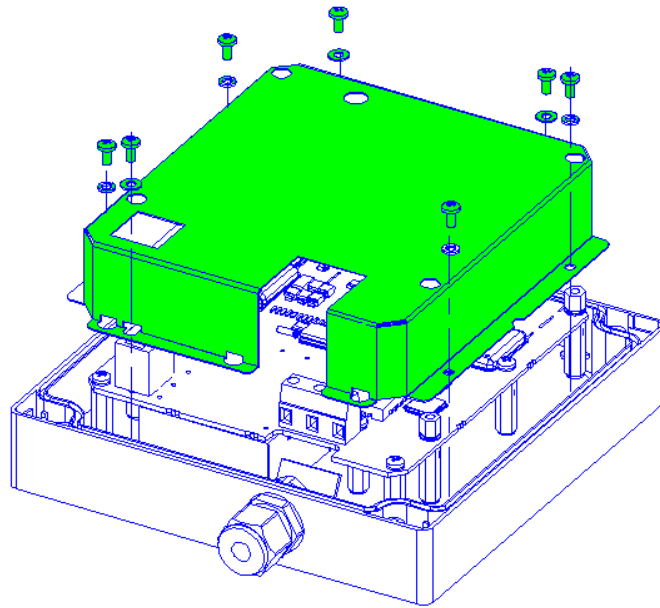
Assemble the **PCB** into the **front box** and hold it with **standoffs**, **screws**, and **washers**.




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## PCB Cover

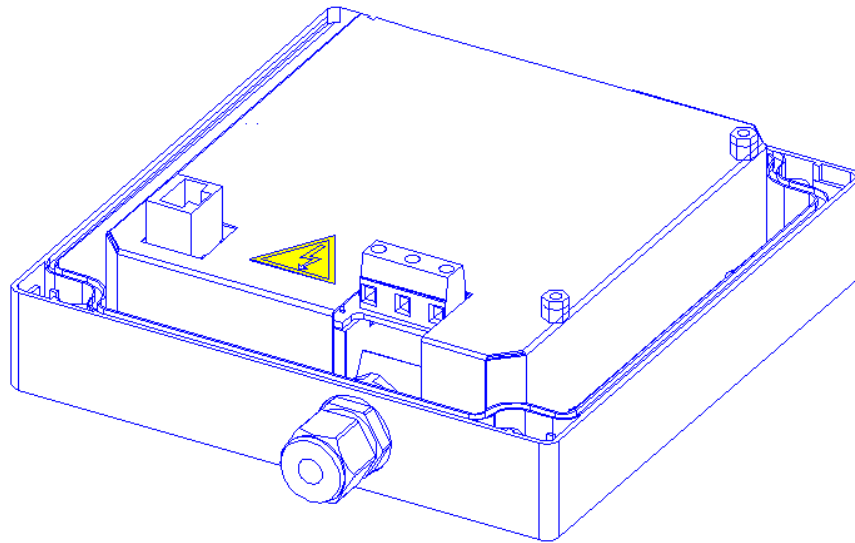
Place the **RF shield** above **PCB** and assemble **screws** and **washers**.




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# Label

Place **warning label** on top of the **RF shield**.

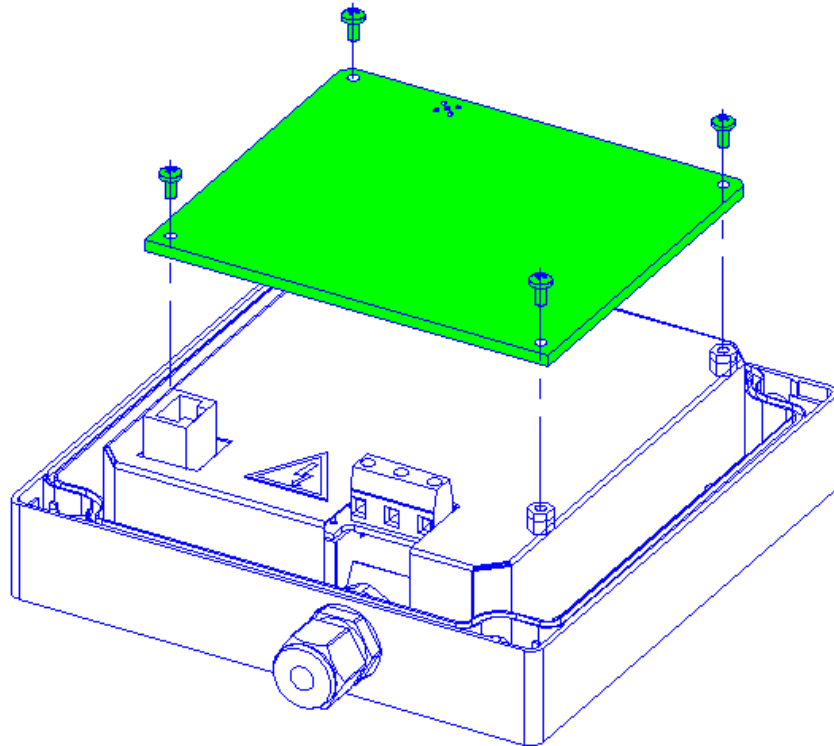



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## Antenna

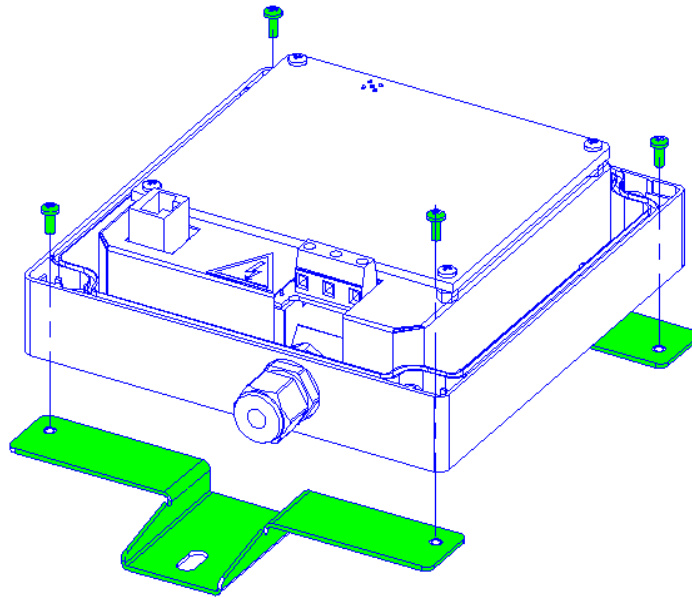
Place the **antenna** and assemble **plastic screws**.




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## Mounting

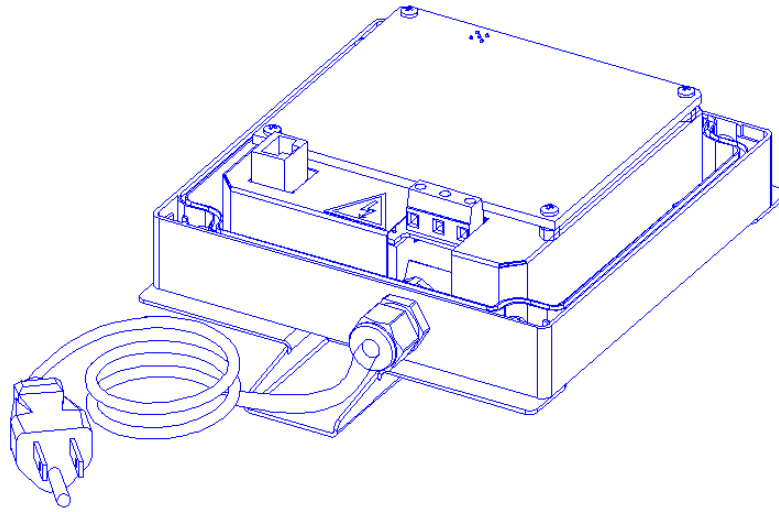
Place the **bracket** and tighten with **screws**.



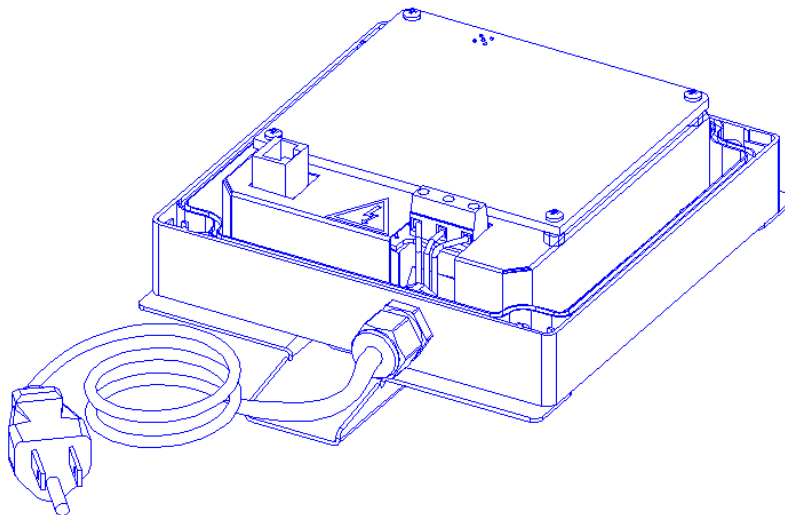
	<b>DRAW NO.:</b> DC00019-001		
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# AC Cable

place the **AC cable** into the **front box**



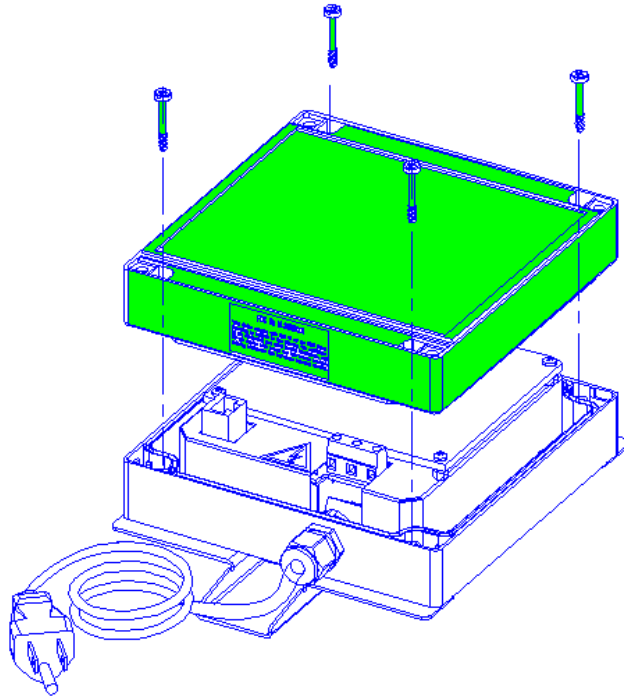
Assemble **AC cable** with screws



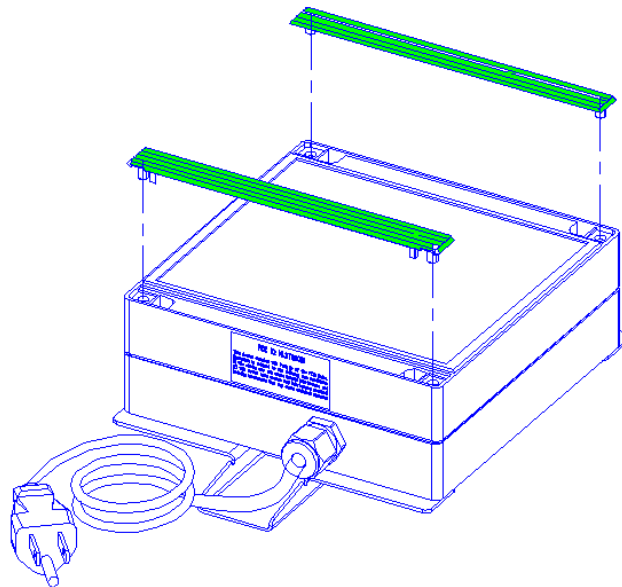
	<b>DRAW NO.:</b> DC00019-001		
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## Top Cover

Place the **top cover** on the **front box** and assemble **screws**.

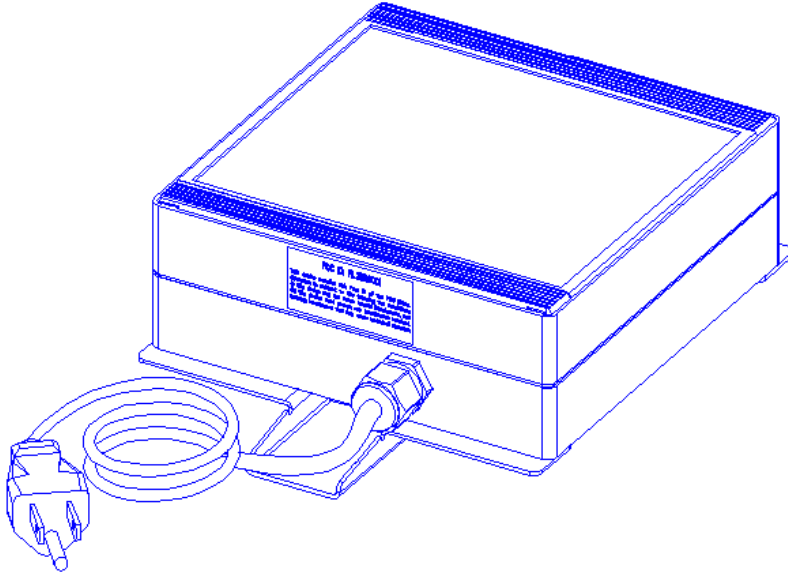



Sealed the **top cover** with **strips**.



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# Final Assembly



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## Field Installation


### General Instructions

The NTR must be installed at least 3 meters above the floor. Select the installation location in where no moving/mobile nor static objects would exist or enter into within 2 meters of the NTR surrounding, excluding the wall or pipe where the NTR is installed on.

### Installation Steps


Locate installation place, on a roof of a dominate building in the area where the NTR services are required.



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Mark 2 point for drilling.



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drill 2 holes.




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assemble screw-holders.



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Assemble 2 screws.



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NTR Final installation



	<b>DRAW NO.:</b> DC00019-001		
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