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	DRAW NO.: DC00019-001		
	DESCRIPTION: FINAL ASSEMBLY REPEATER RX-TX	REV A	SH. _2_ OF _19_

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.

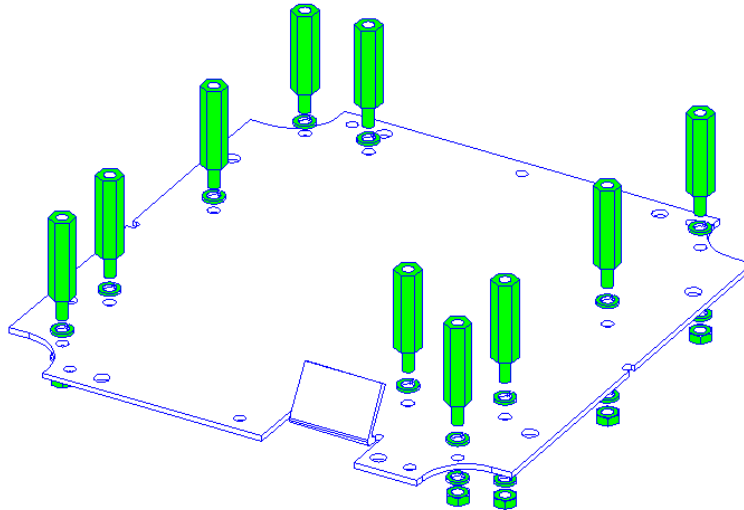
The installer must maintain 2 meters separation distance from the NTR when the device is operational.

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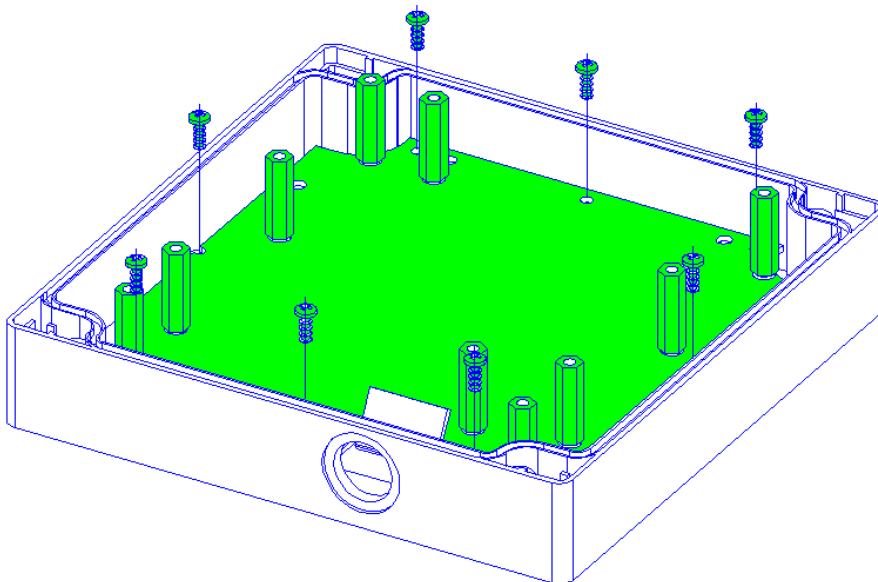
Mechanical Assembly

Front Box

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



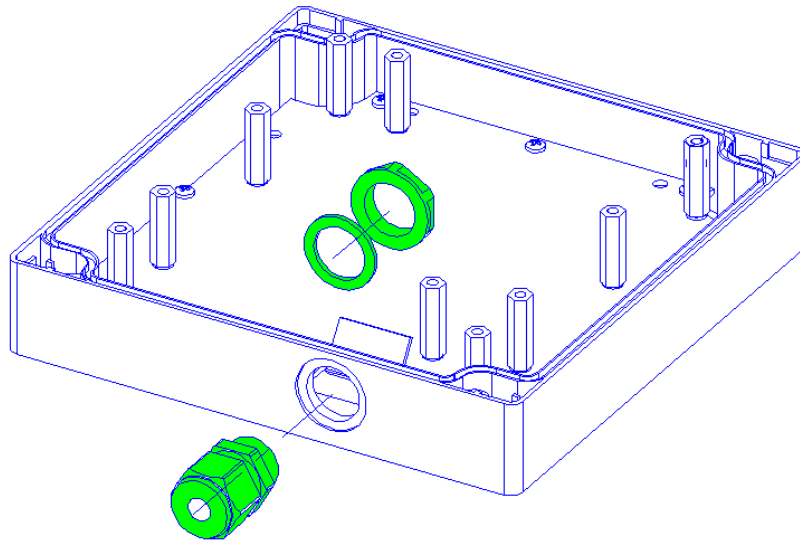
Attach the lower **board** into the **front box** and assemble **screws**.



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Gland

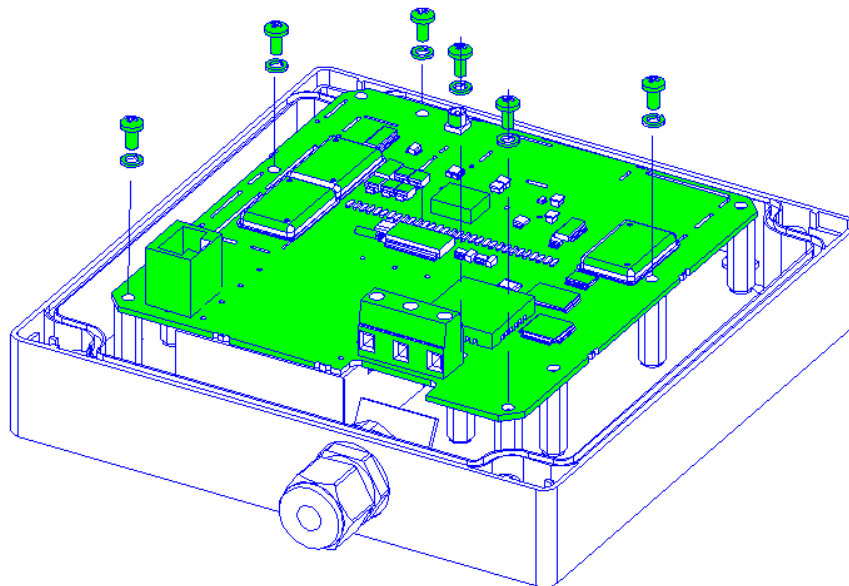
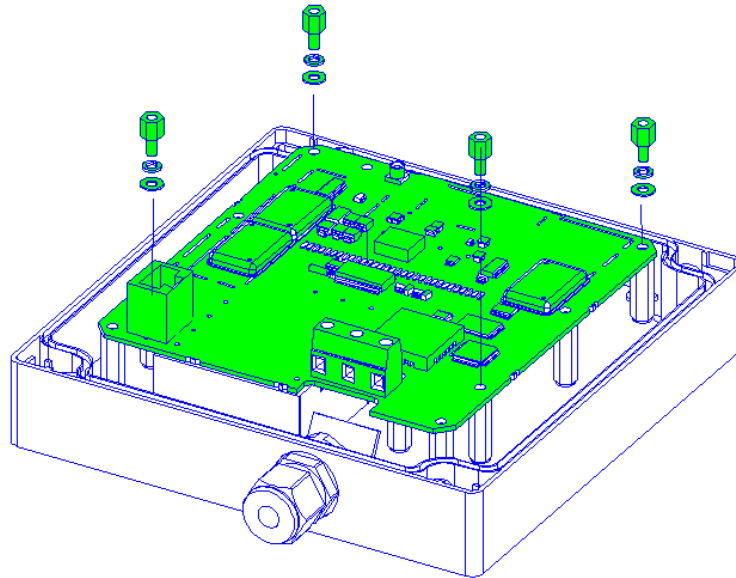
Assemble **gland** with **nut** and **washer**.



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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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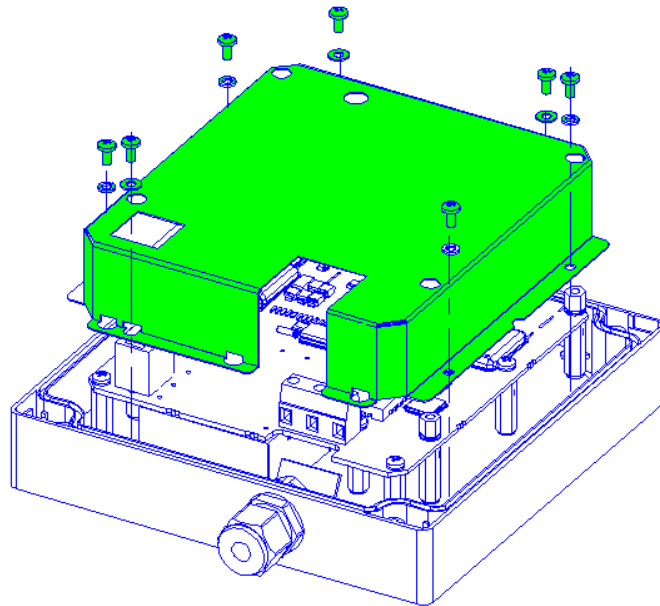
REV

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PCB Cover

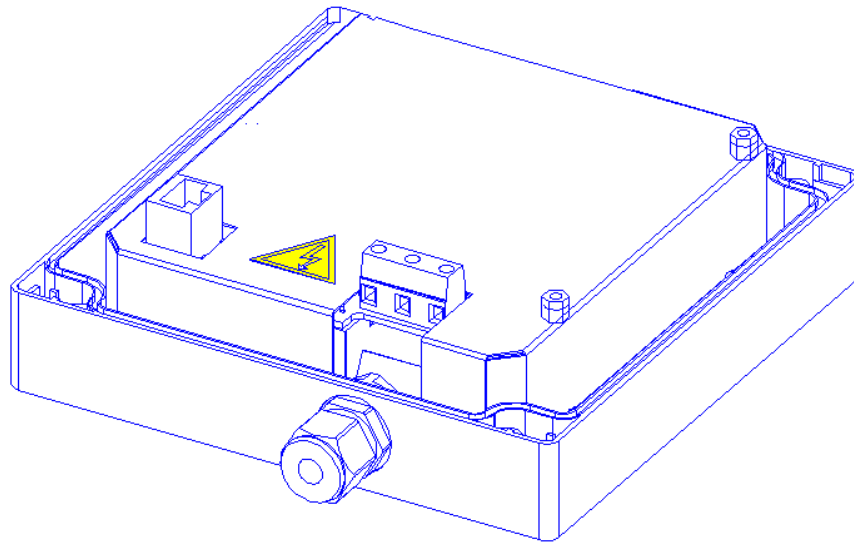
Place the **RF shield** above **PCB** and assemble **screws** and **washers**.



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Label

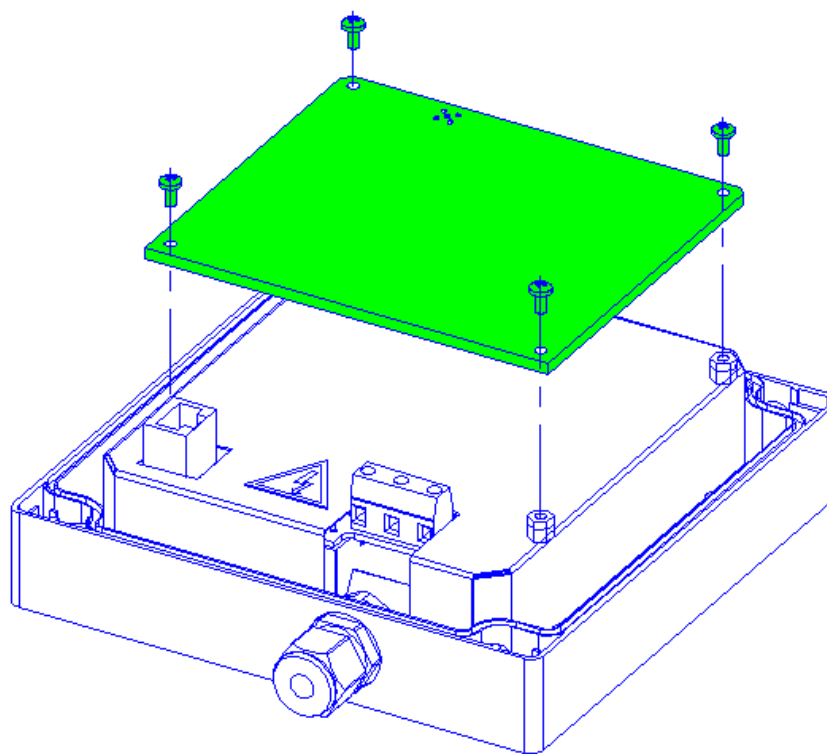
Place **warning label** on top of the **RF shield**.



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Antenna

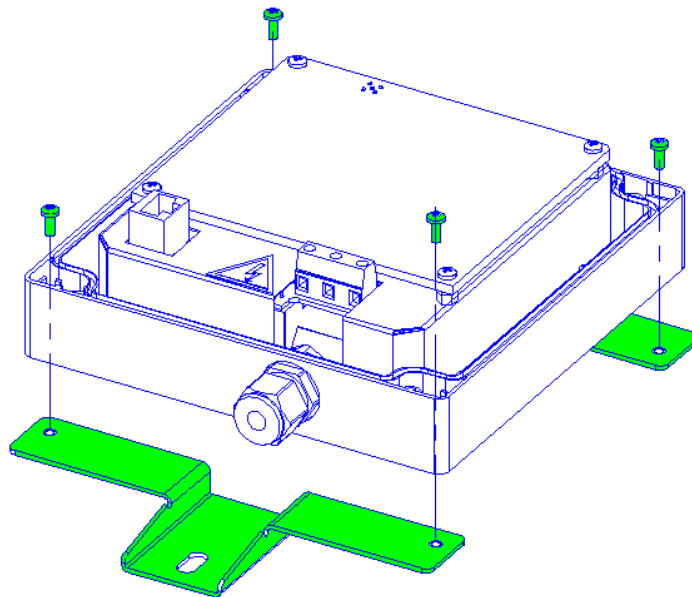
Place the **antenna** and assemble **plastic screws**.



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Mounting

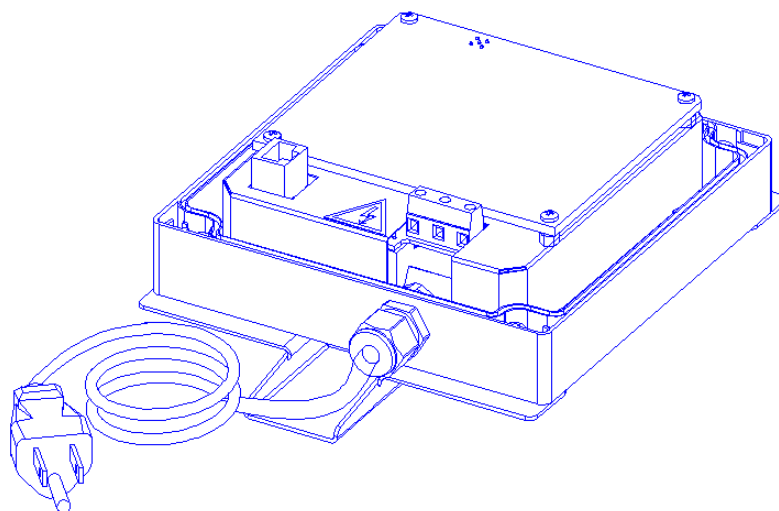
Place the **bracket** and tighten with **screws**.



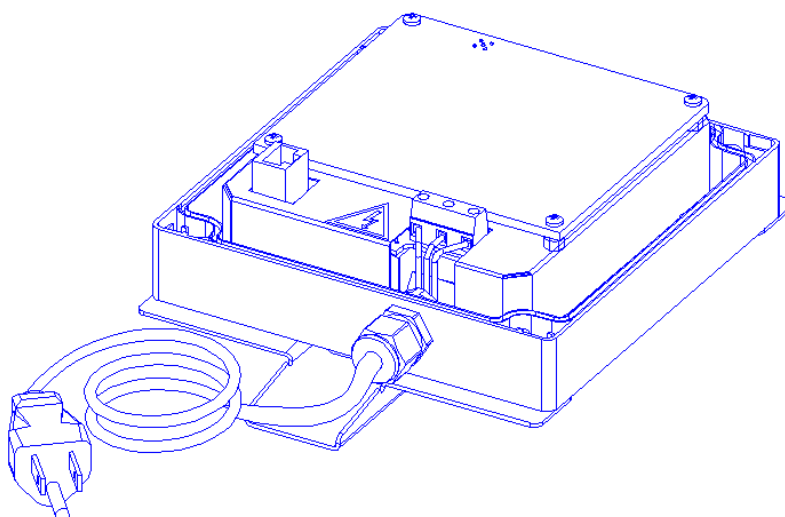
	DRAW NO.: DC00019-001		
	DESCRIPTION: FINAL ASSEMBLY REPEATER RX-TX	REV A	SH. _10_ OF _19_

AC Cable

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



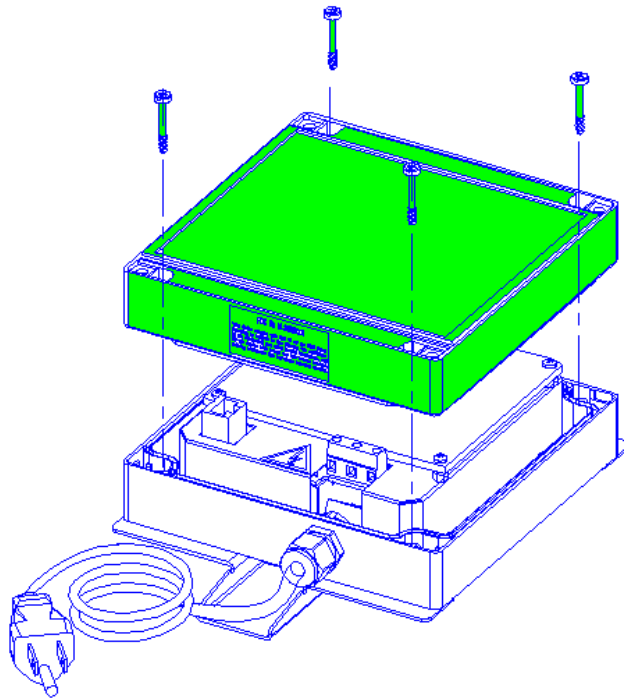
Assemble **AC cable** with screws



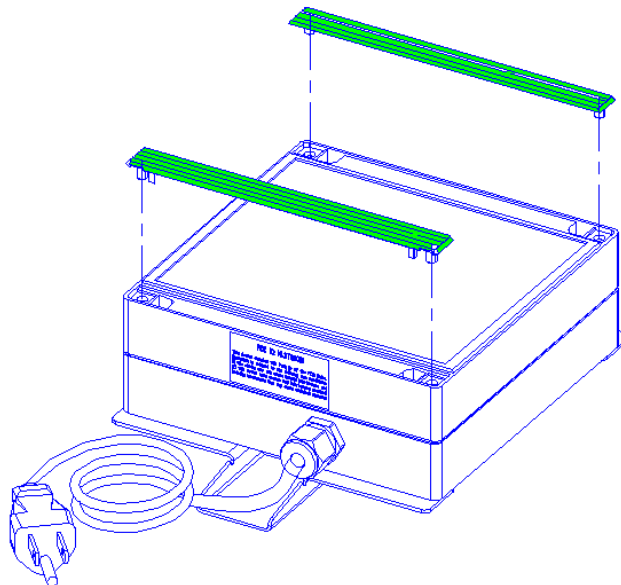
	DRAW NO.: DC00019-001		
	DESCRIPTION: FINAL ASSEMBLY REPEATER RX-TX	REV A	SH. _11_ OF _19_

Top Cover

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



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



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DESCRIPTION:

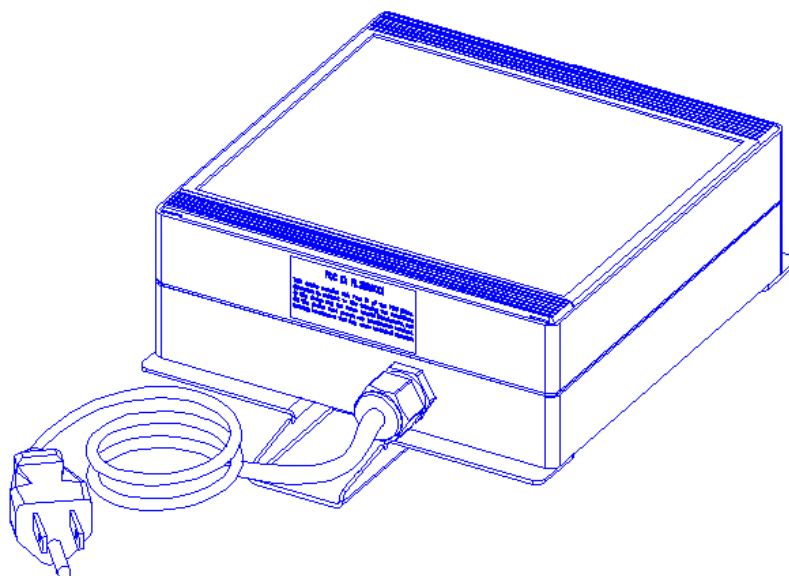
FINAL ASSEMBLY
REPEATER RX-TX

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Final Assembly



	DRAW NO.: DC00019-001		
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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



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