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

FCC Warning

FCC Warning

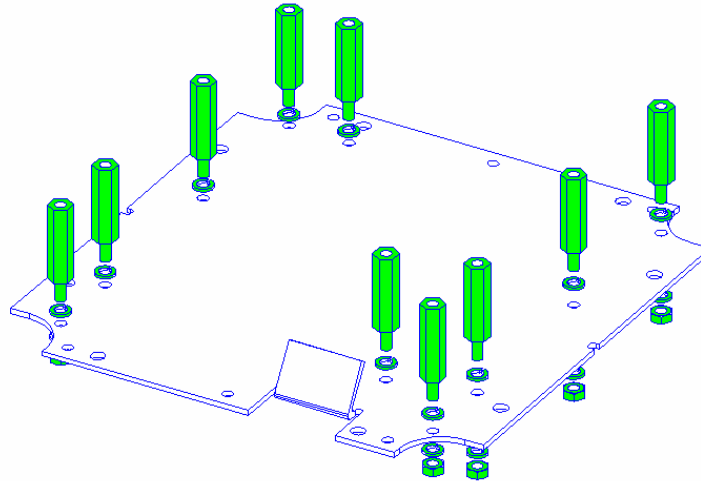
Modifications not expressly approved by the manufacturer could void the user authority to operate the equipment under FCC Rules.

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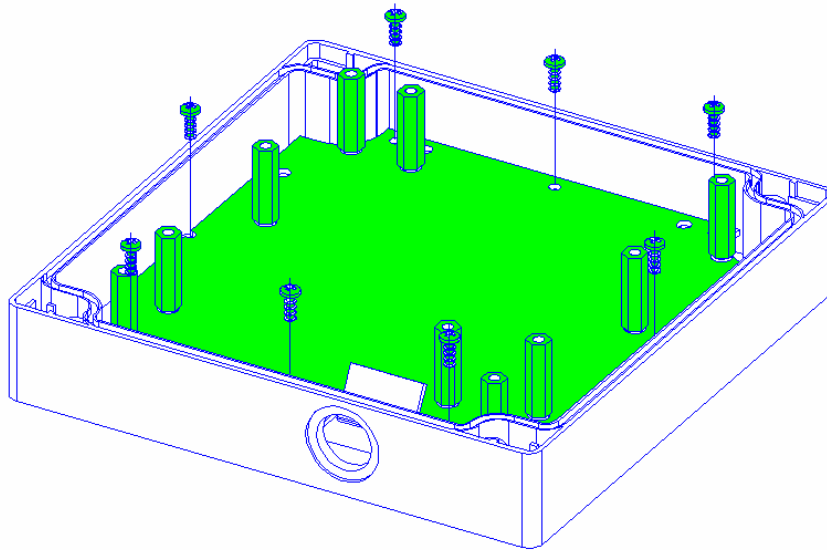
Mechanical Assembly


Front Box

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



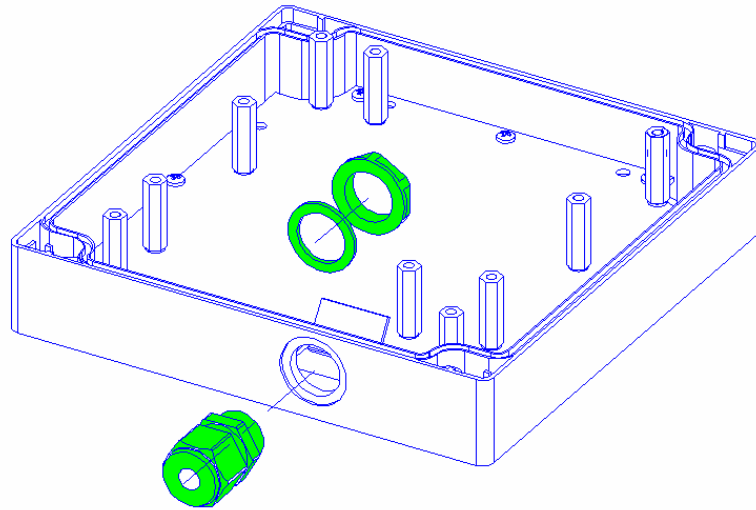
Attach the lower **board** into the **front box** and assemble **screws**.




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Gland

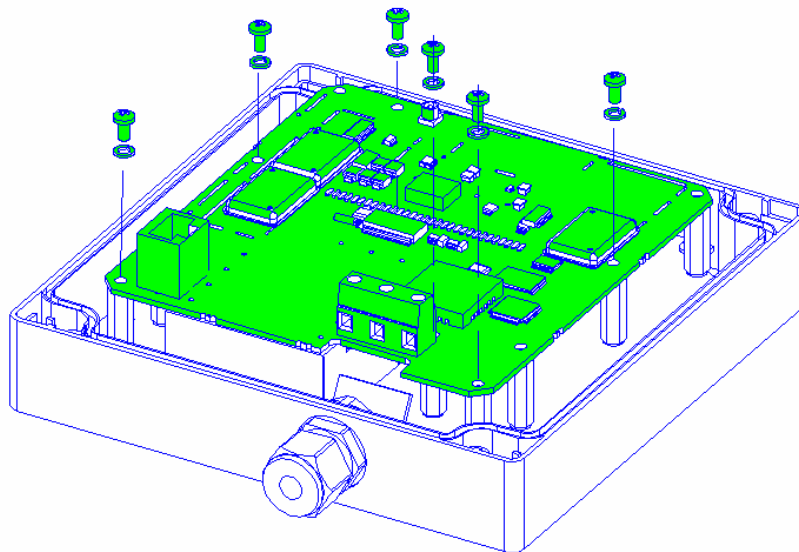
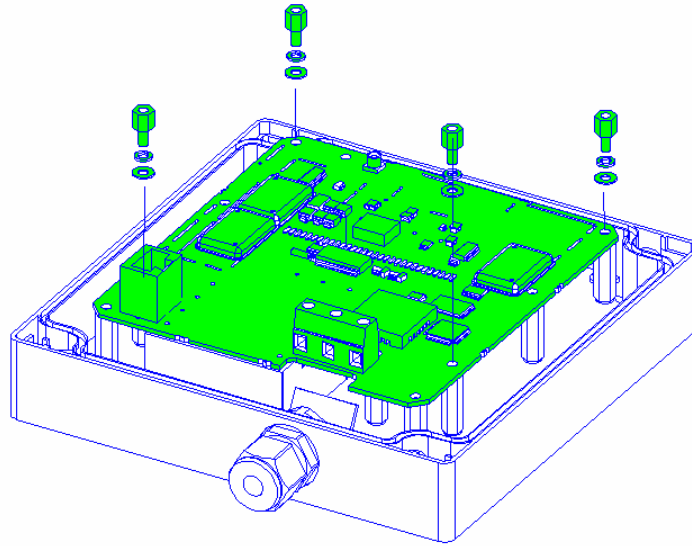
Assemble **gland** with **nut** and **washer**.




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PCB Assembly

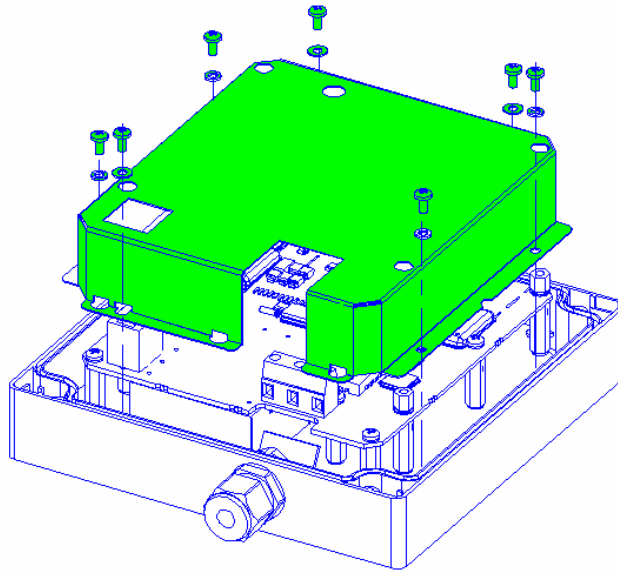
Assemble the **PCB** into the **front box** and hold it with **standoffs, screws,** and **washers**.




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PCB Cover

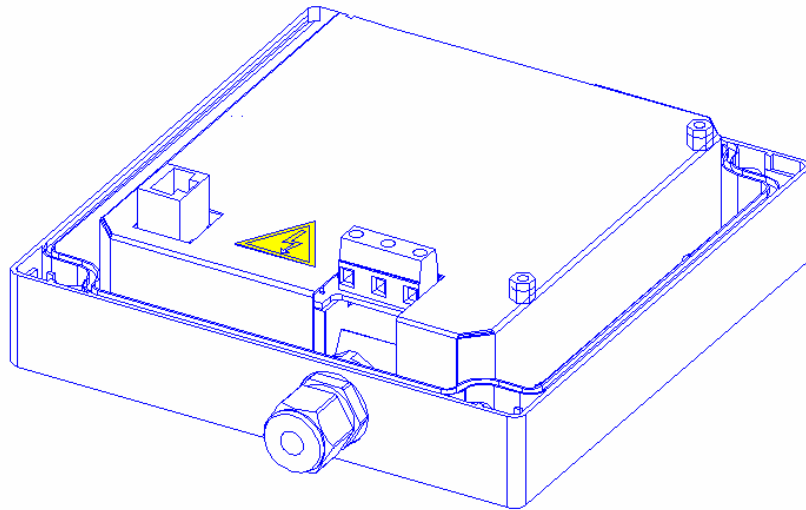
Place the **RF shield** above **PCB** and assemble **screws** and **washers**.




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Label

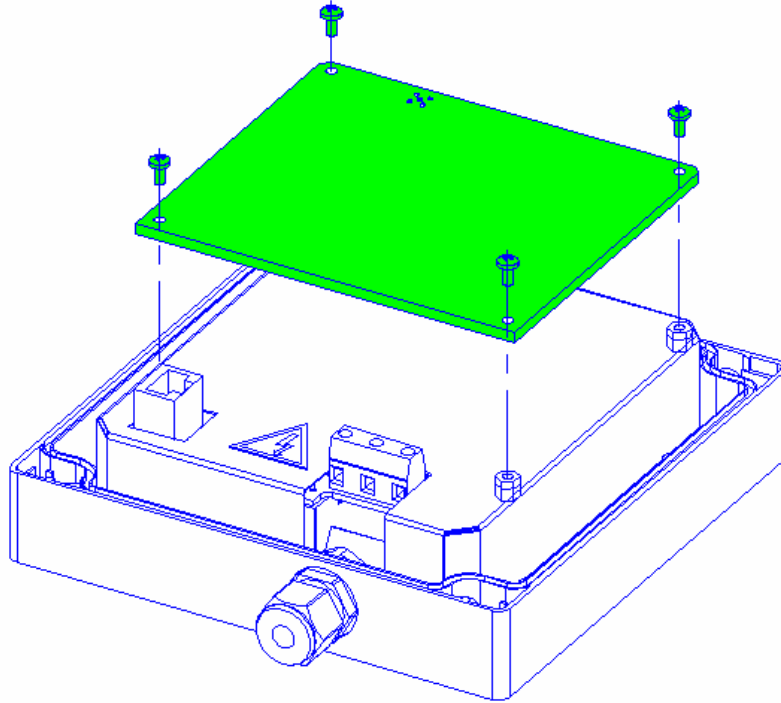
Place **warning label** on top of the **RF shield**.




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Antenna

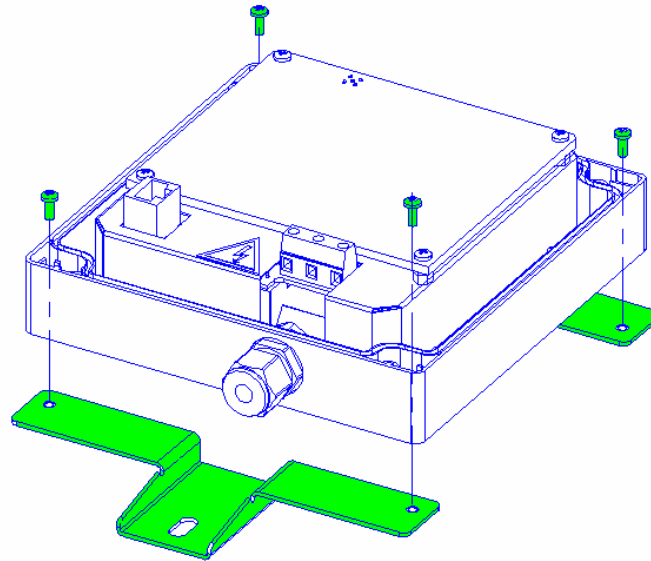
Place the **antenna** and assemble **plastic screws**.




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Mounting

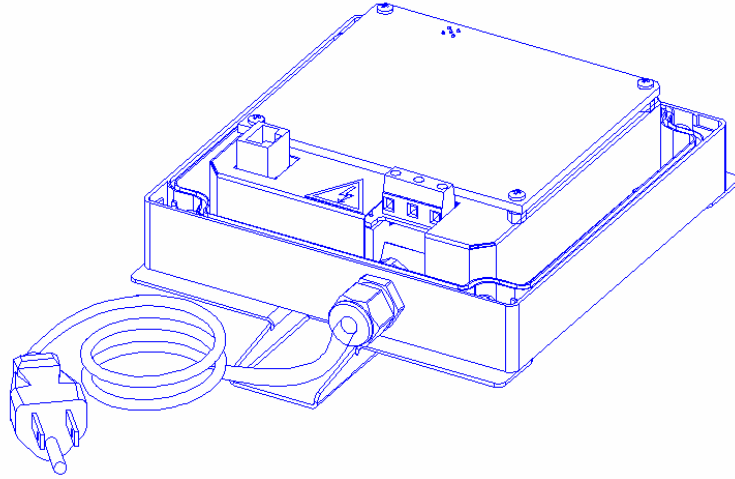
Place the **bracket** and tighten with **screws**.



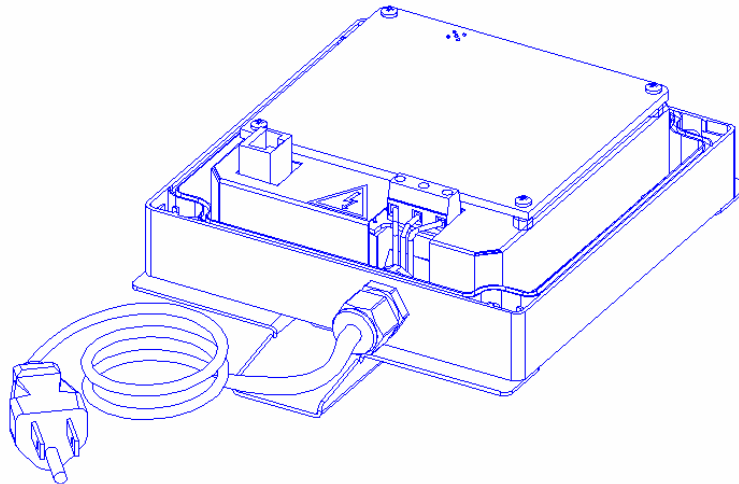
	DRAW NO.: DC00019-001		
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AC Cable

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



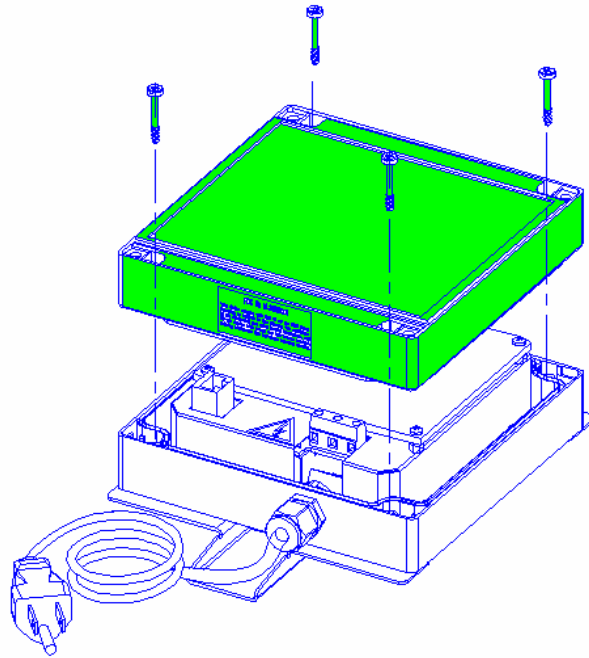
Assemble **AC cable** with screws



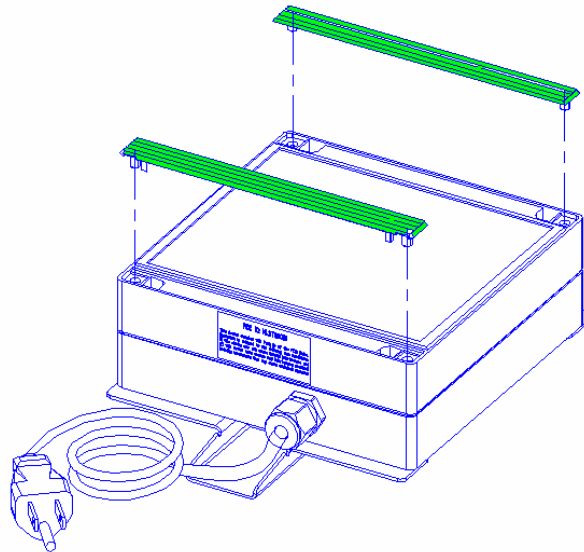
	DRAW NO.: DC00019-001		
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Top Cover

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

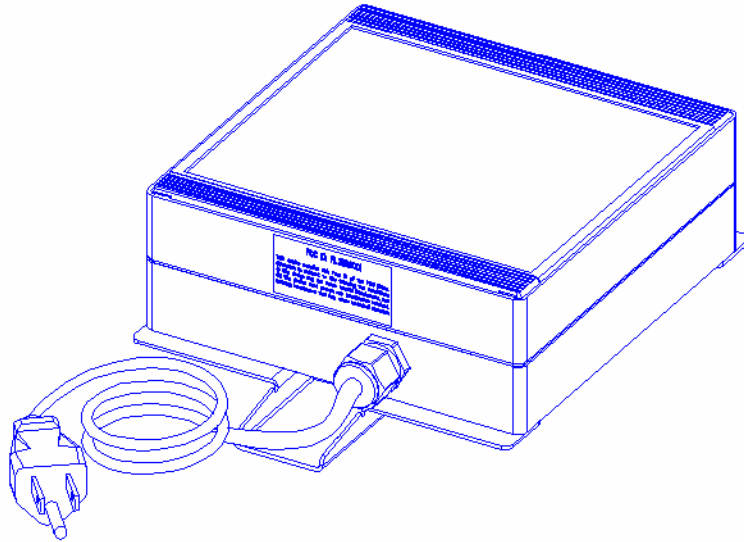



Sealed the **top cover** with **strips**.



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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



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