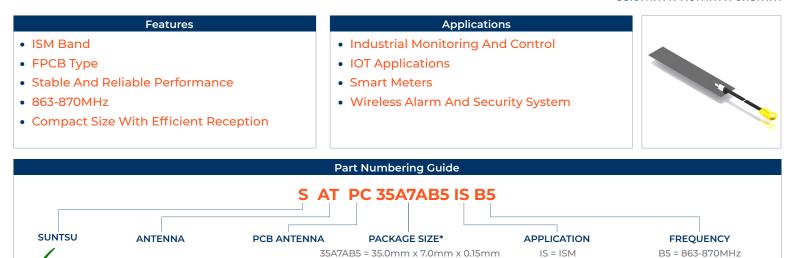
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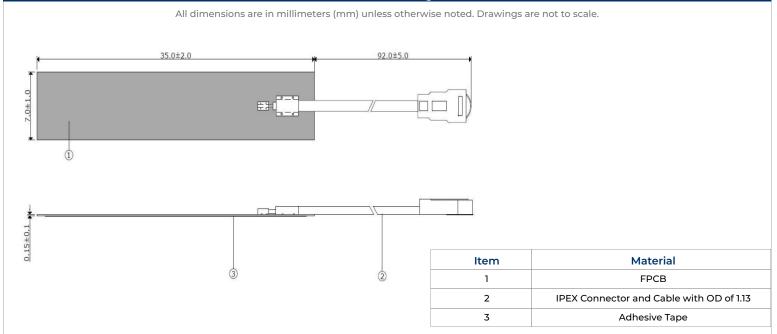
## FPCB Antenna SATPC-35A7AB5-ISB5 35.0mm x 7.0mm x 0.15mm



\* Where letters denote decimal location (A=.0, B=.1, C=.2, etc.); e.g. B5=0.15, 3A5=3.05, 9A=9.0

Electrical Parameters	Units	Minimum	Typical	Maximum	Remarks
Frequency Band	MHz	863		870	
Impedance	Ω		50		
Polarization			RHCP		
Peak Gain	dBi		1.9		At 868MHz
Efficiency	%		61.1		At 868MHz
VSWR				2	At Center Frequency
Operating Temperature	с	-40		85	

### **Outline Drawing**



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Specifications are subject to change without notice.

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## **FPCB** Antenna SATPC-35A7AB5-ISB5

35.0mm x 7.0mm x 0.15mm

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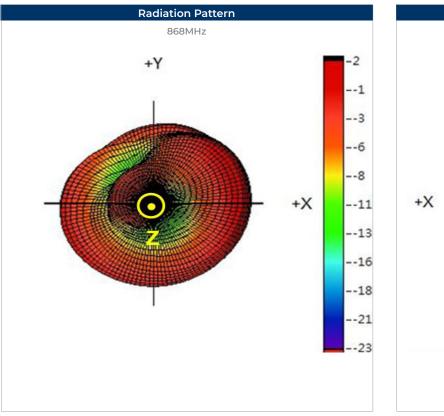
-23

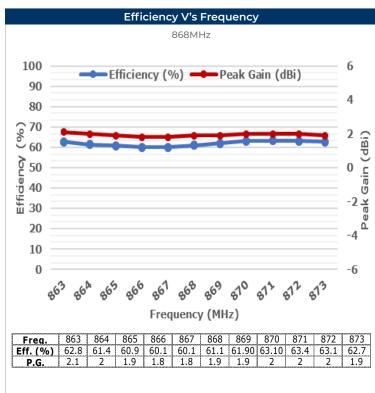
**Radiation Pattern** 

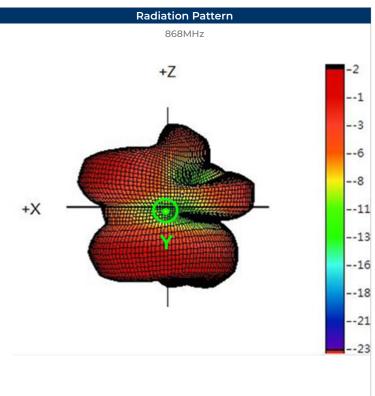
868MHz

+Y









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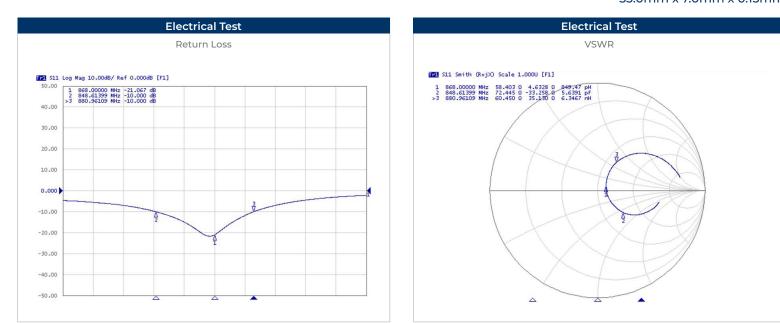
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## FPCB Antenna SATPC-35A7AB5-ISB5 35.0mm x 7.0mm x 0.15mm



Environmental & Mechanical Specifications				
High Temperature Test	85°C for 240 hours, and then to normal temperature/humidity High Temperature Test for 24hours.			
Low Temperature Test	-30°C for 240 hours, and then to normal temperature/humidity for 24hours.			
Humidity Test	85°C / 90-95%RH for 48 hours, and then to normal temperature/humidity for 24hours.			
Thermal Shock Test	-30°C for 30 min and +85°C for 30 min. 5 cycles, then expose to normal temperature/humidity for 24 hours or more.			
Vibration Test	5 to 200 to 5Hz, swept in 10min, 4.5G at max(2mm amplitude), in X and Y directions for 2 hours each and in Z direction for 4 hours.			

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