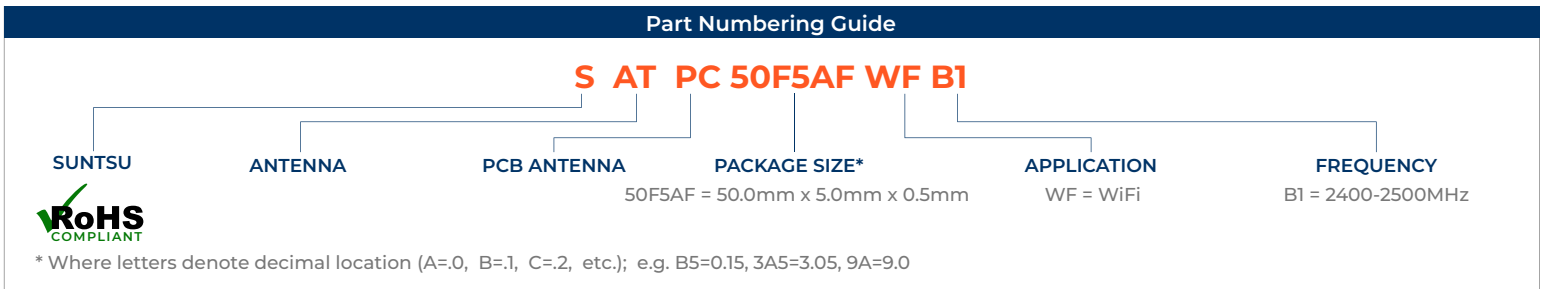
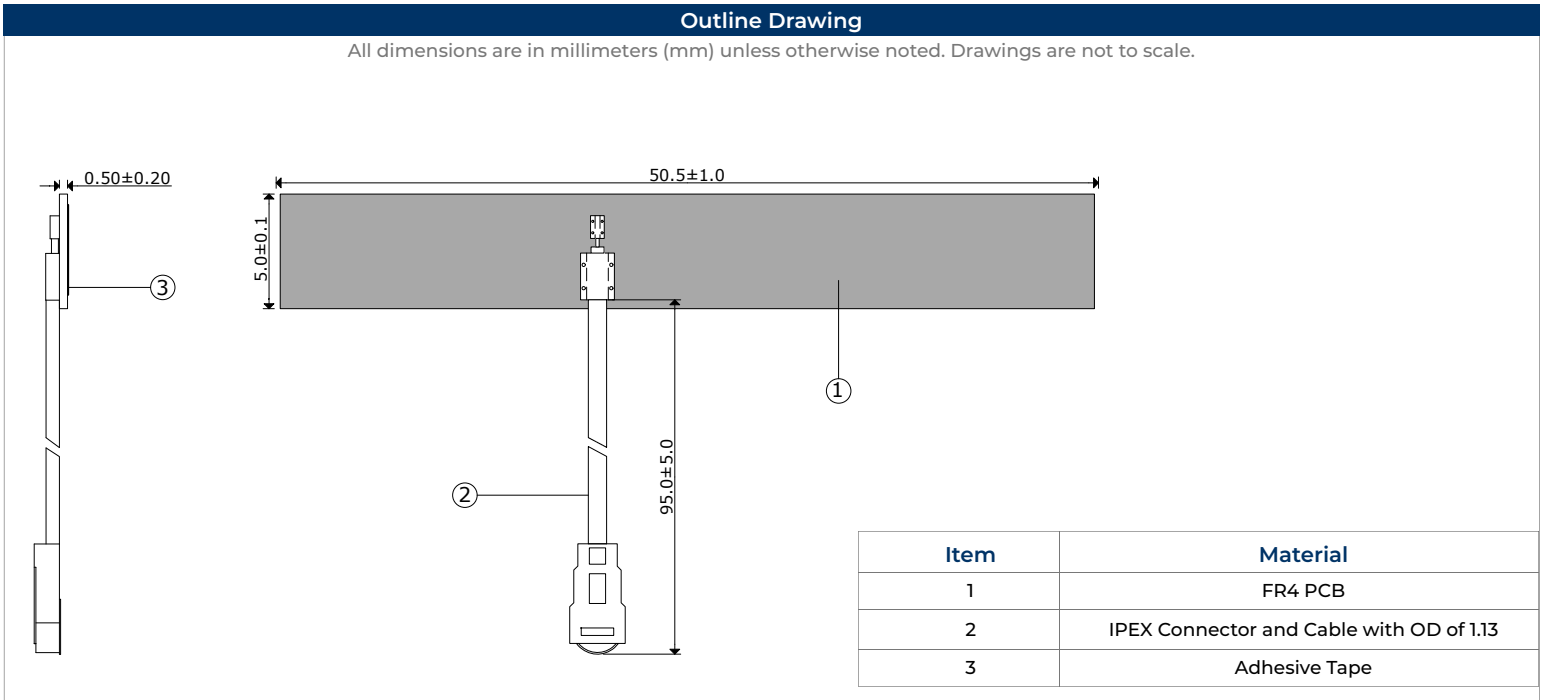


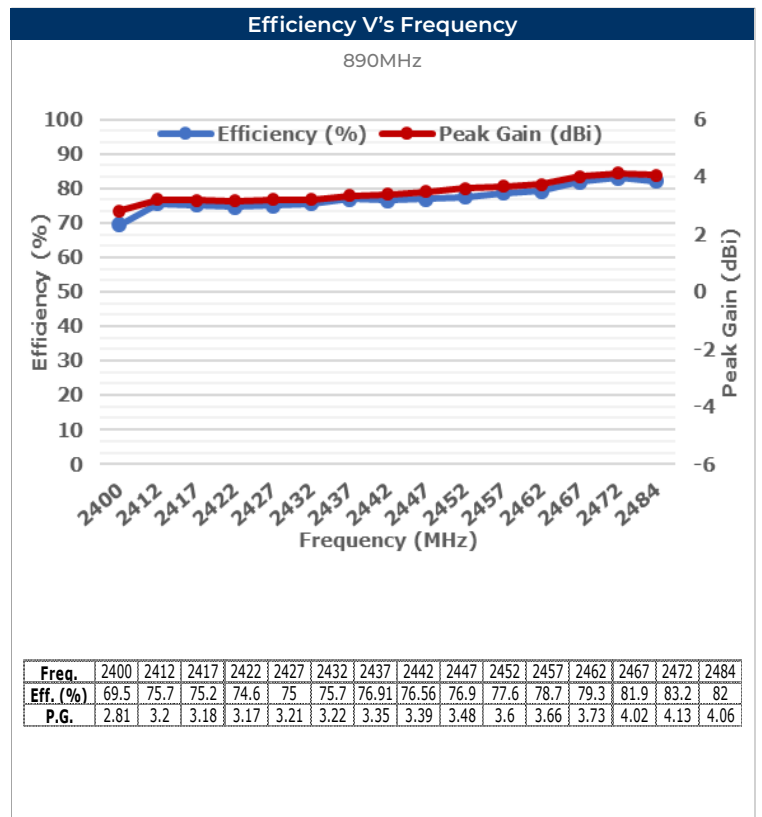
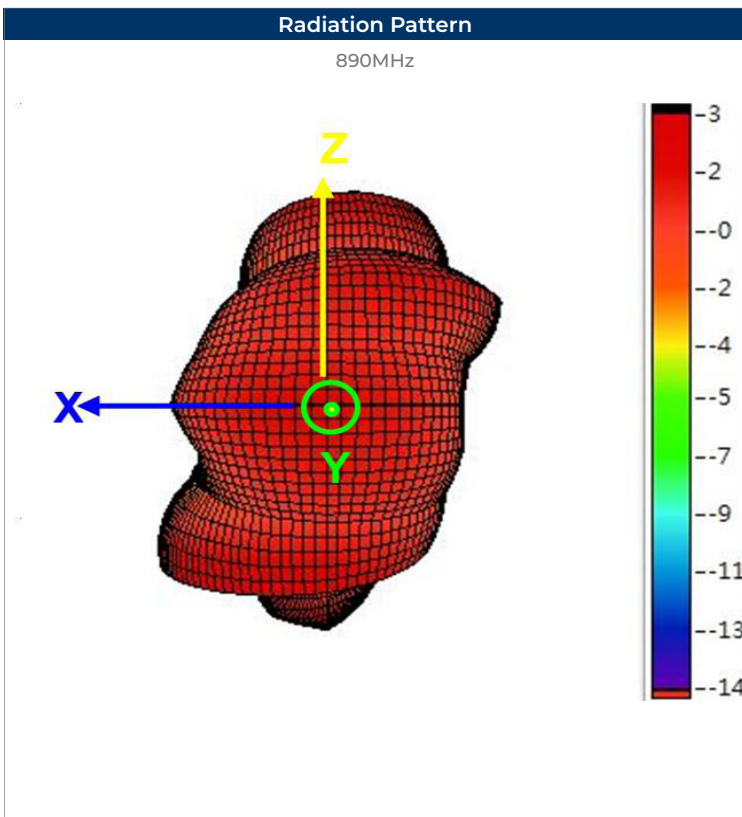
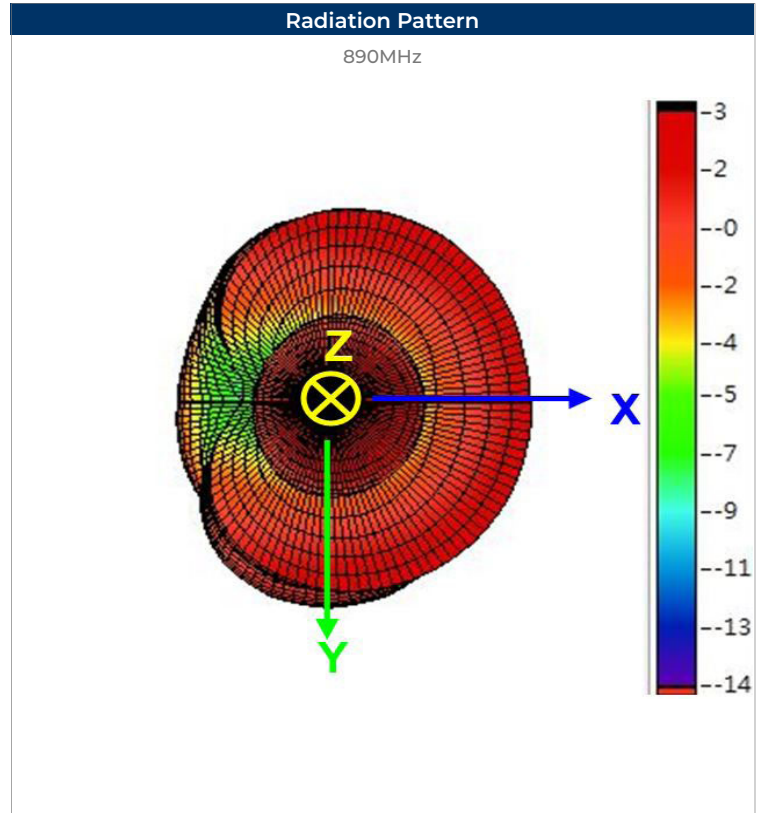
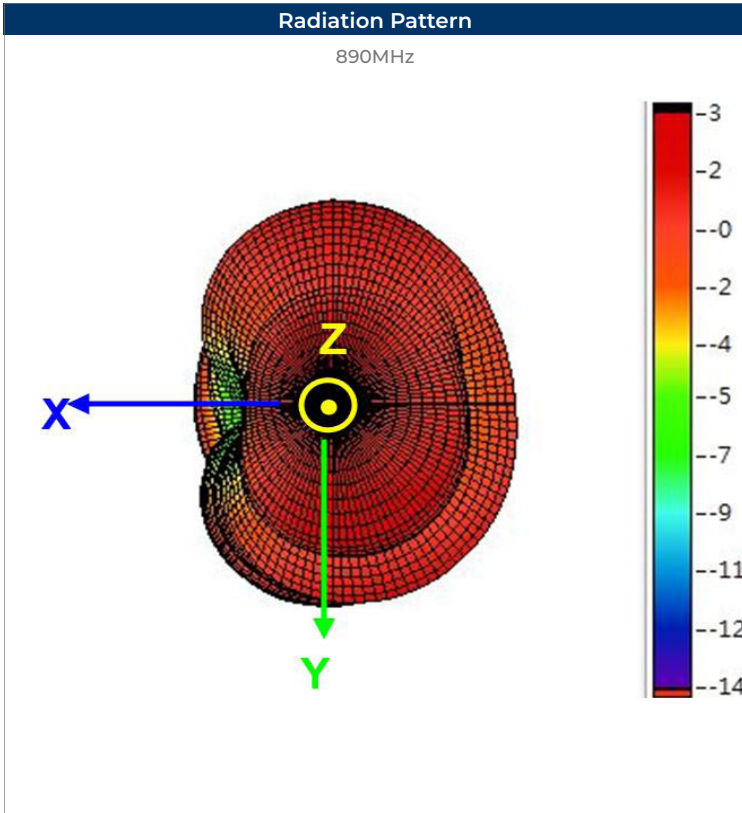
Features
<ul style="list-style-type: none"> WiFi/Bluetooth PCB Type Stable And Reliable Performance 2400-2500MHz Compact Size With Efficient Reception

Applications
<ul style="list-style-type: none"> IEEE802.11 (b/g/n) Hand-held Devices Portable Devices Network Devices Machine To Machine Wireless



Electrical Parameters	Units	Minimum	Typical	Maximum	Remarks
Frequency Band	MHz	2400		2500	
Impedance	Ω		50		
Polarization			Linear		
Peak Gain	dBi		3.3		At 2442MHz
Efficiency	%		76		At 2442MHz
VSWR				2	At Center Frequency
Operating Temperature	C	-40		85	





Electrical Test

Return Loss

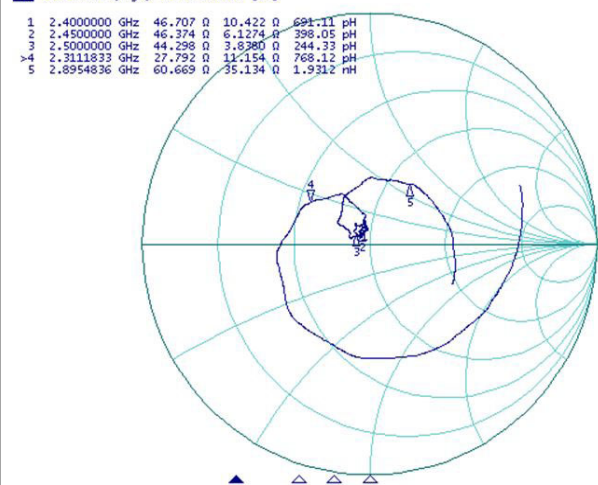
S11 Log Mag 10.00dB/ Ref 0.000dB [F1]



Electrical Test

VSWR

S11 Smith (R+jX) Scale 1.000U [F1]



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.