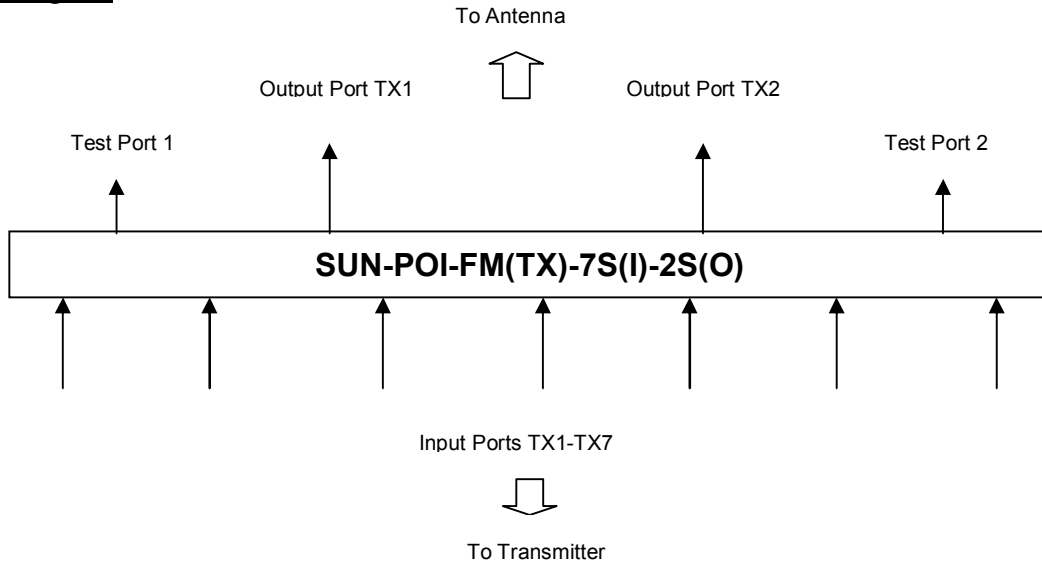




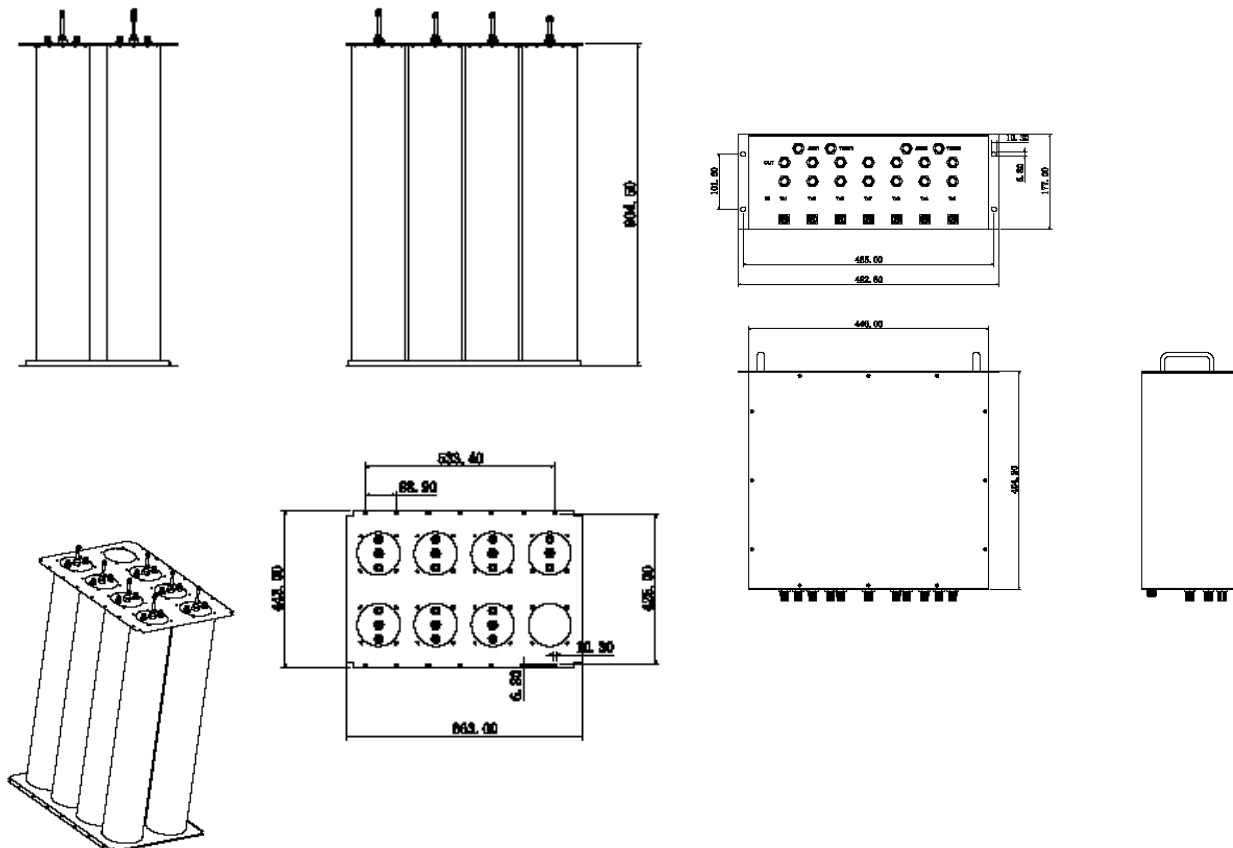
Sunny FM(TX) POI

Model : SUN-POI-FM(TX)-7S(I)-2S(O)

A) Block Diagram



B) Mechanical Drawing





C. Technical Specification

Model	SUN-POI-FM(TX)-7S(I)-2S(O)
Input Port Frequency Per Port	
TX1	88.1MHz
TX2	90.3MHz
TX3	92.6MHz
TX4	94.8MHz
TX5	97.6MHz
TX6	99.7MHz
TX7	104MHz
Input Bandwidth Per Port	+/- 75KHz (150KHz)
Input Power Per Port	50W
Insertion Loss To Either Output	6.0dB max.
Return Loss	
All Inputs Ports	18dB min.
Input Isolation	
All Input Ports	35dB min.
Output Ports TX1-TX2	
Return Loss	5.6dB typical
Intermodulation Products (2 tones @ +43dBm)	-110dBm max
TX1 and Tx2 Test Port	30+/-3dB + Insertion Loss
Connectors	N(F) For All Ports
Impedance	50Ω
Operating Temperature	-10 to 80°C
MTBF	200,000 hours
Material	Casing – Steel With Zinc Coating (Black Color) Front Plate – Aluminium (Silver Color)
Mounting	Rack Mount
Dimensions (DxWxH)	482.6x446x177(4U)mm For Connector Panel 663x443x904.5mm For Filter Banks
Weight	>50kg

Technical data are subjected to change without notice – File : SUN-POI-FM(TX)-7S(I)-2S(O)_datasheet 2016V1.0