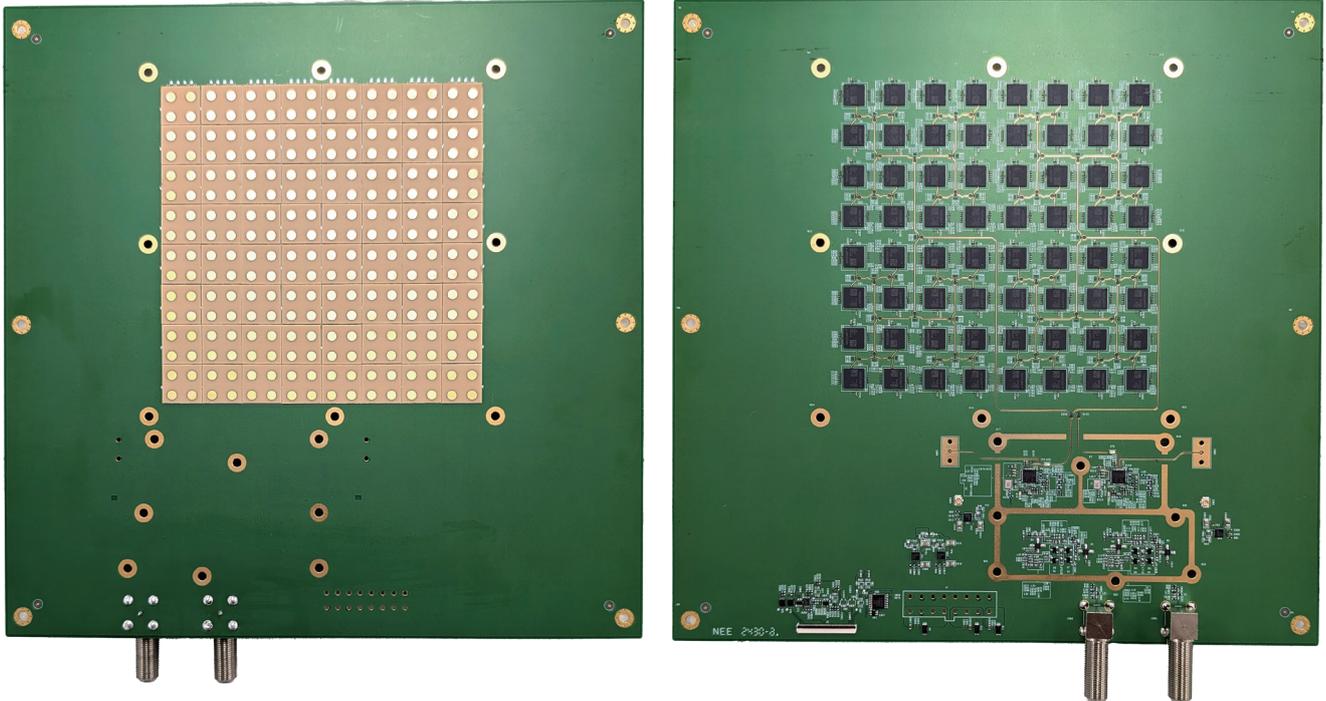


Satcom Phased Array Antenna module

JEBSEE

Ka Band 16*16 Phased Array Antenna System (RX)



Features

- Rx Antenna Module
- Beam Control System
- Down Converter

Application

- The smaller and compact electronically-controlled Phased array antenna can track Satellite of LEO quickly and suitable for home use user terminal.

SPEC	RX
RF Frequency	17.7-21.3GHz
IF Frequency	950 MHz to 2150 MHz
Polarization	RHCP/LHCP Switchable
G/T	G/T > = 3 dBK for N=256
Axial Ratio	< = 4dB @ ± 60° scanning range
Beam Steering (Beams Quality)	AZ: 0-360°; EL: 0-60°
Scan Loss	0-20° ≤ 0.8 dB; 20-43° ≤ 3 dB; 43-60° ≤ 5 dB
BFIC	F6212 x 64
UDC	ADMV4420 x2
SLL (dB)	> 12 dB @ ± 60° scanning range
Size (cm)	315 mm x 240 mm x 95 mm (N = 256)