



XM-301 Radar Module Antenna Datasheet - In Enclosure

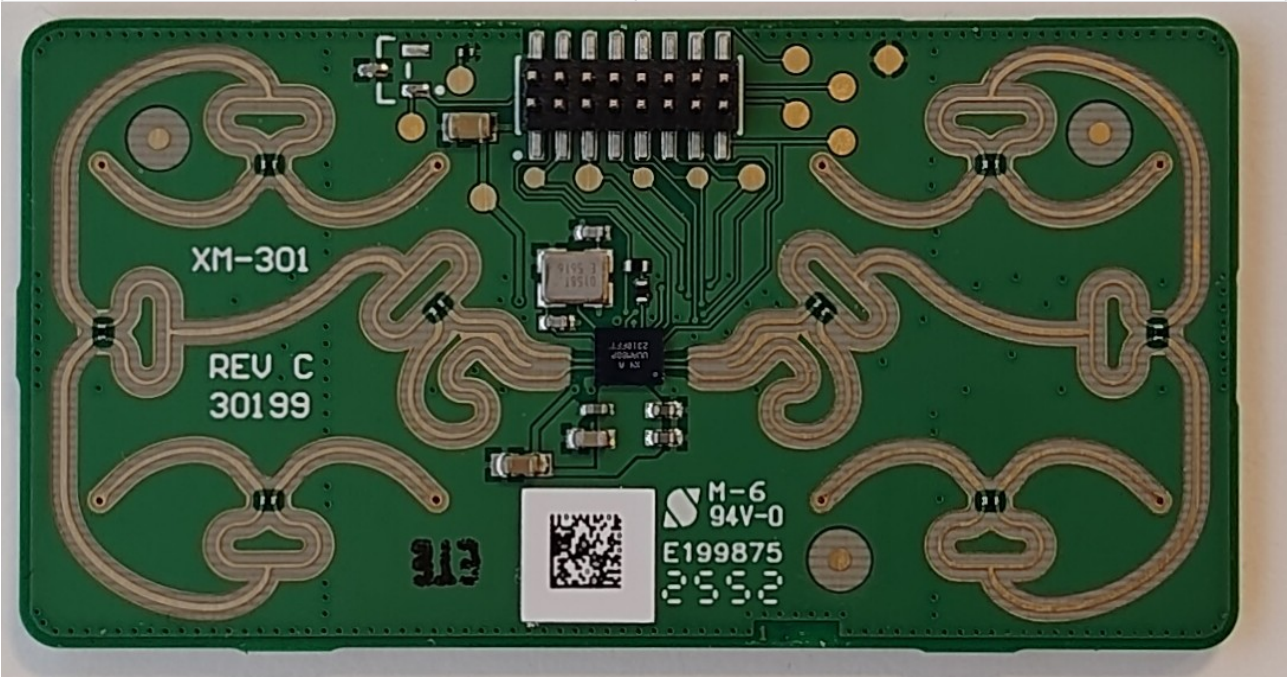
Module Manufacturer

Vitalthings AS
Professor Brochs gate 6
7030 Trondheim
NORWAY

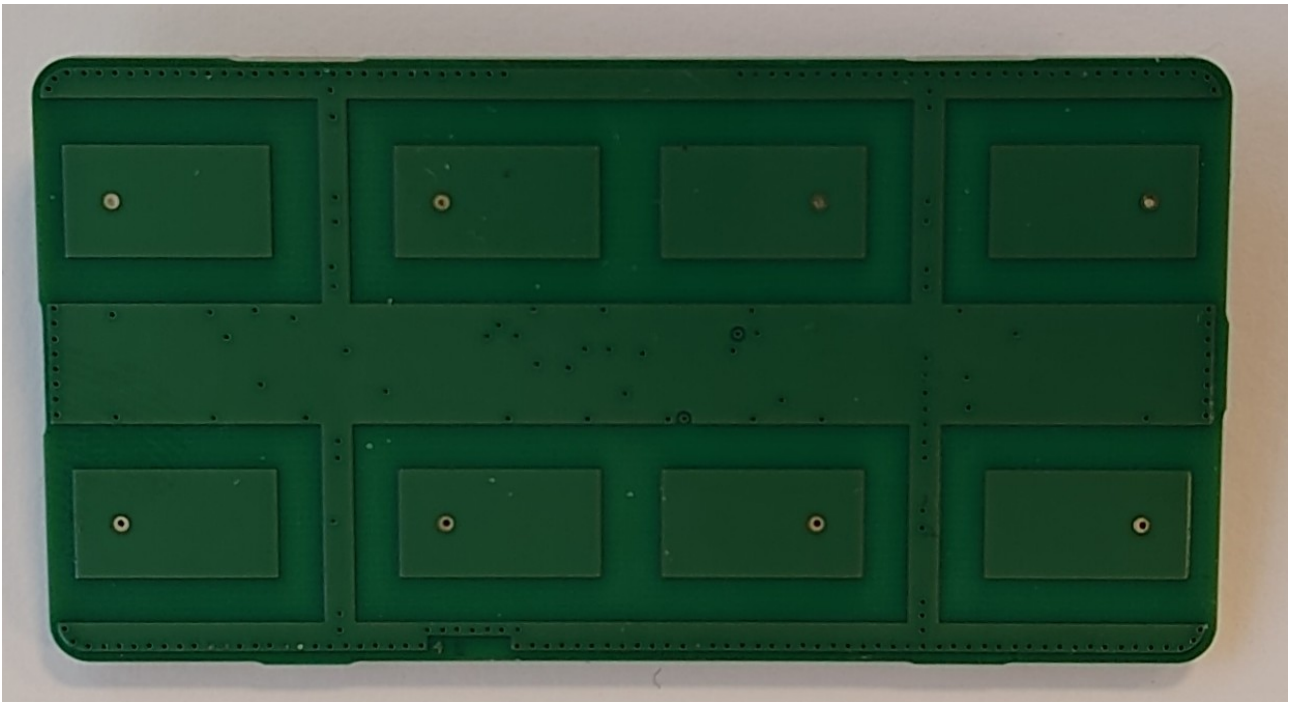
Module Model Number

XM-301

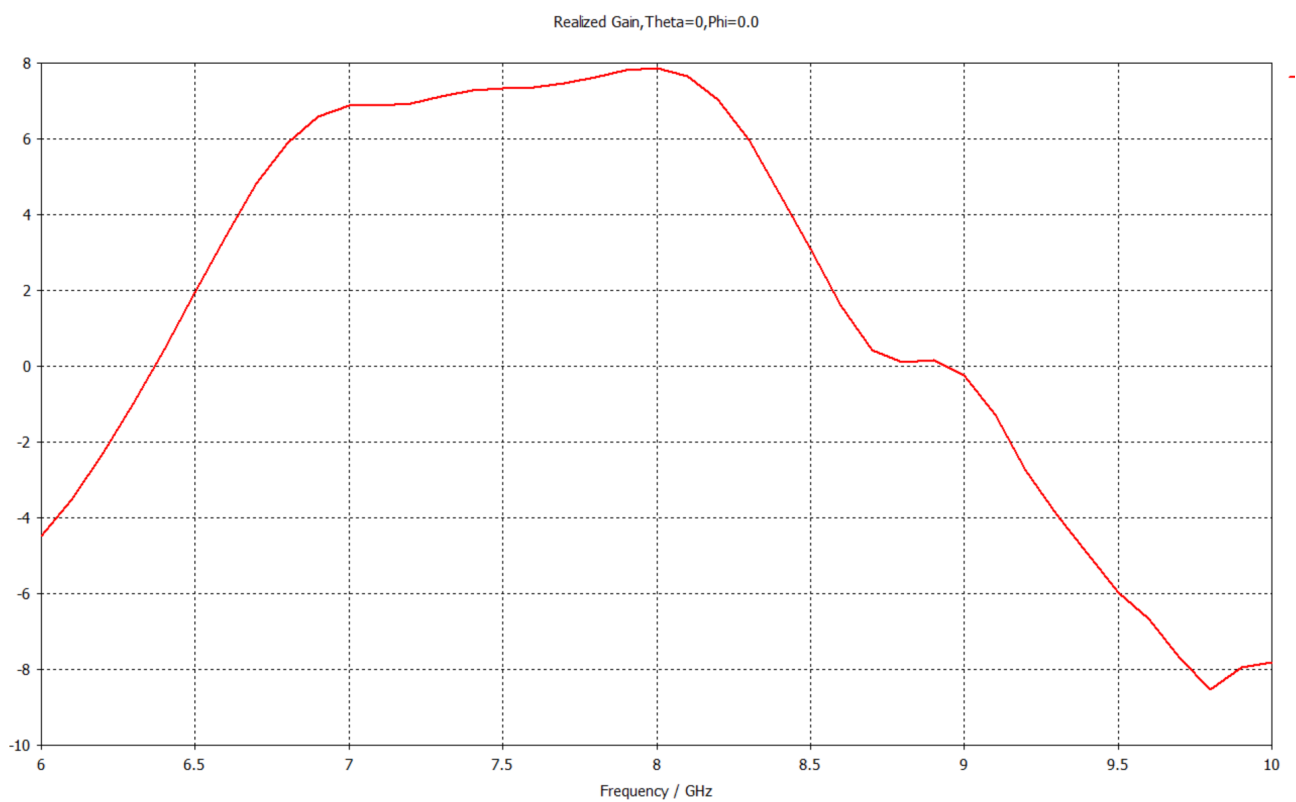
Characteristics	
Antenna type	Directional, patch
HW revision	C
Dimensions	58 x 30 x 2 mm (PCB only)
Gain	7.8 dBi
Center frequency	7.5 GHz
Nominal -10dB bandwidth	2.95 GHz
Input impedance	100 ohm differential



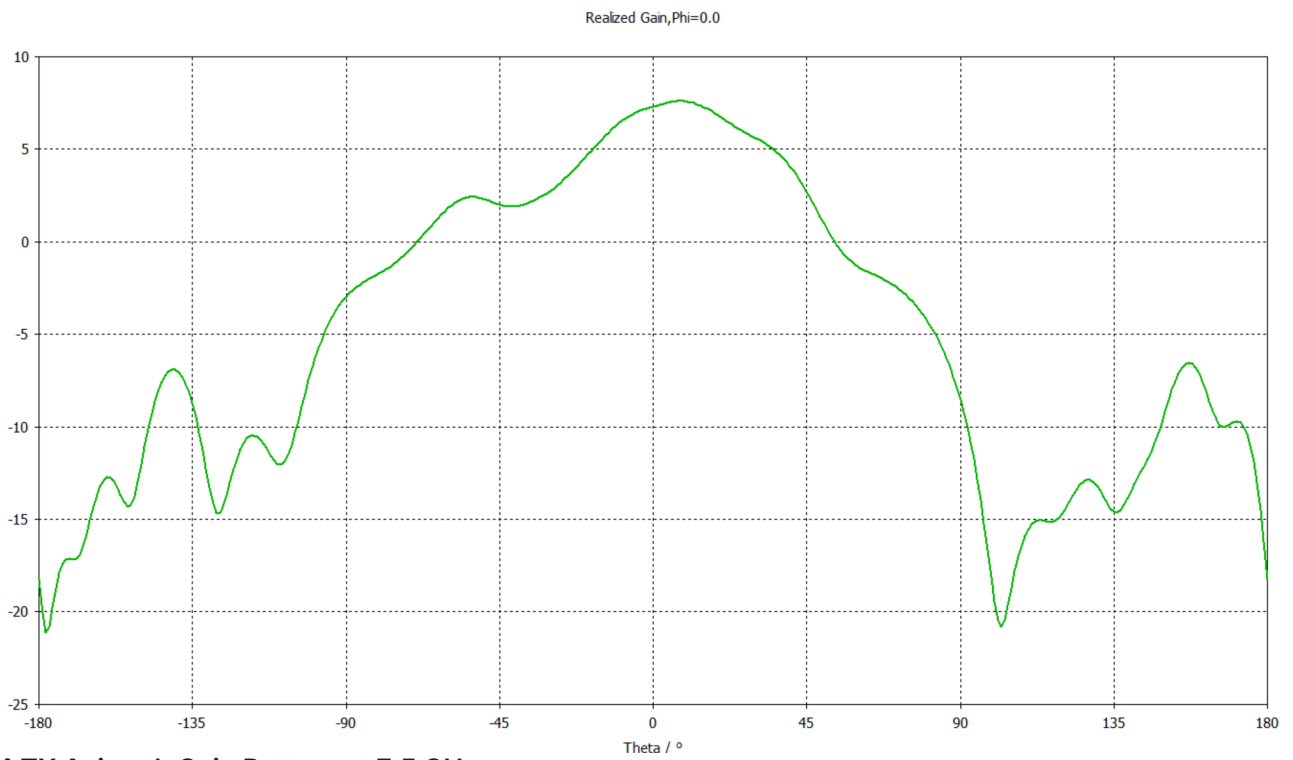
1 Component side



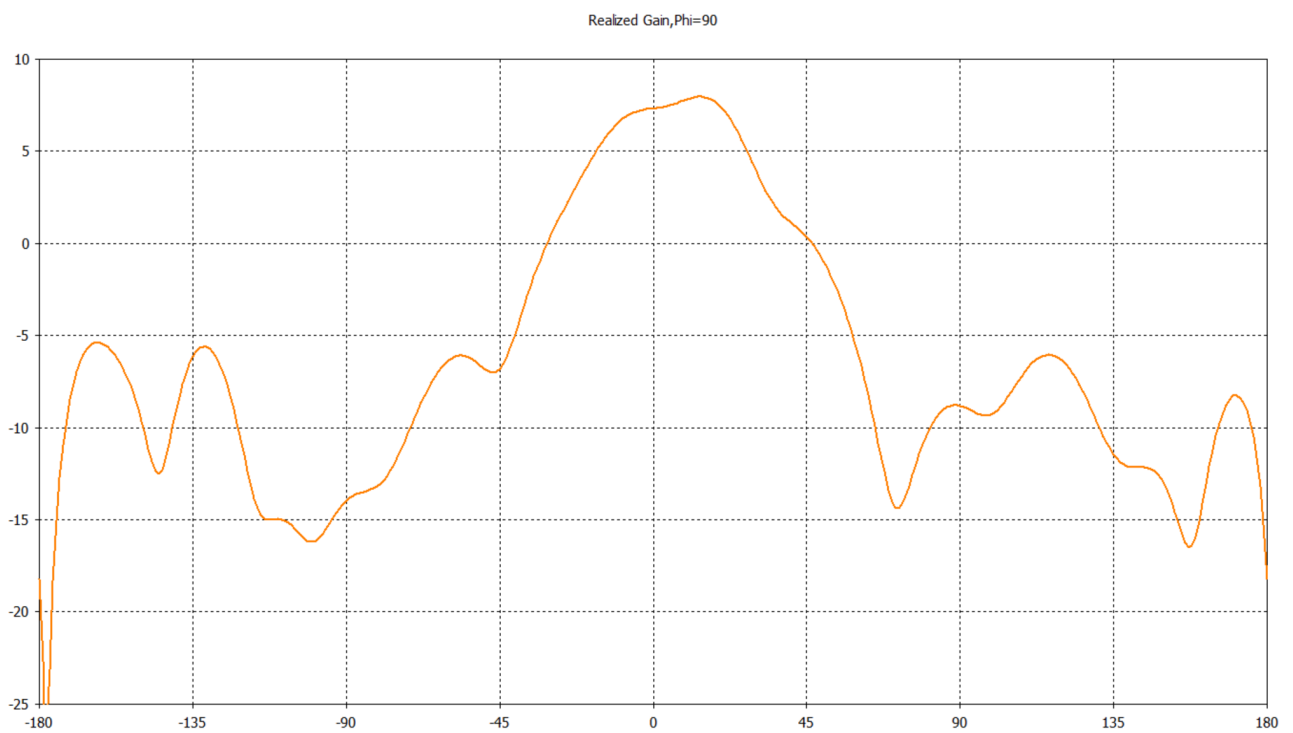
2 Antenna side



3 Antenna Gain Over Frequency



4 TX Azimuth Gain Pattern at 7.5 GHz



5 TX Elevation Gain Pattern at 7.5 GHz