

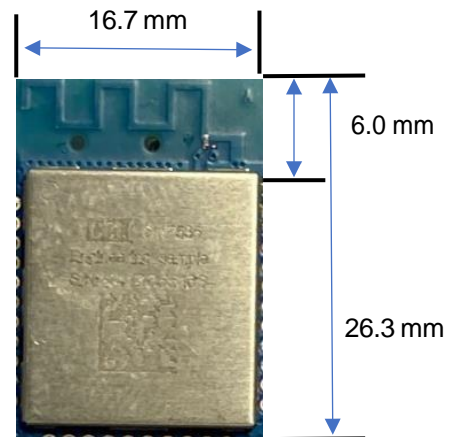
CMP530/CMP535/CBT250 Antenna Datasheet

Description:

This datasheet contains the antenna characteristics of the 2.4 GHz meandered inverted-F antenna used on the CMP530/CMP535/CBT250 modules.

Frequency (MHz)	2400-2480
Peak Gain (dBi)	2.21
VSWR	1.4:1
Power (W)	1
Impedance (Ohms)	50
Antenna Type	Meandered inverted-F PCB Trace Antenna
Dimensions (mm)	26.3 x 16.7 x 1.6
Operating Temperature (deg C)	-40C to +85C

Mechanical Layout

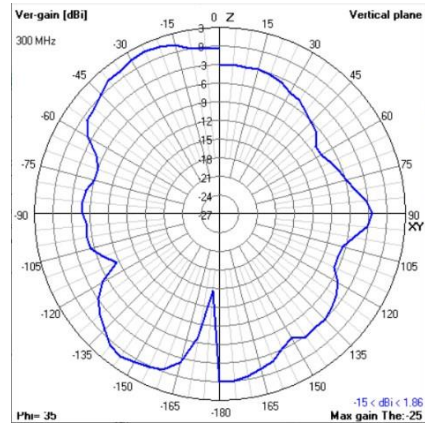
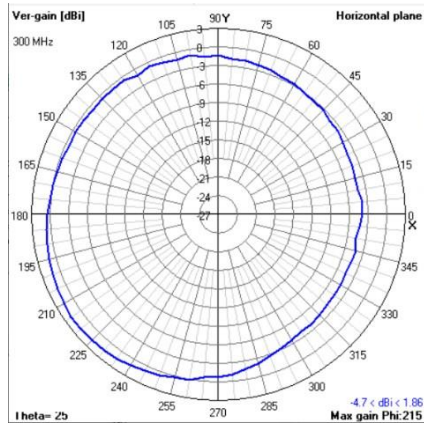


Peak gain table

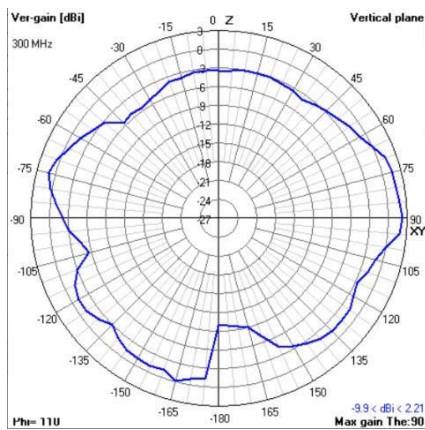
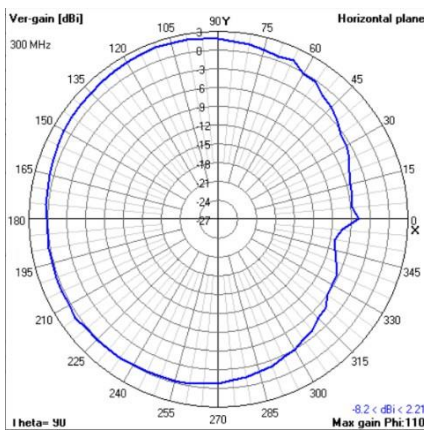
Frequency (MHz)	Peak gain (dBi)
2404	1.86
2442	2.21
2478	2.04

Polarization plots

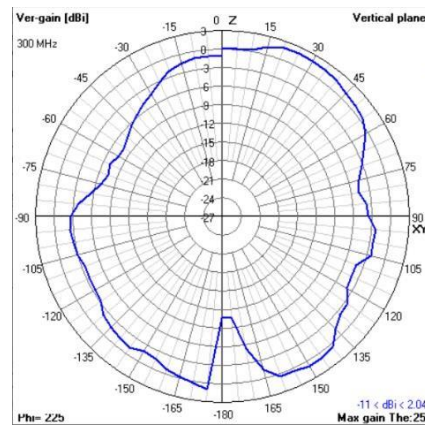
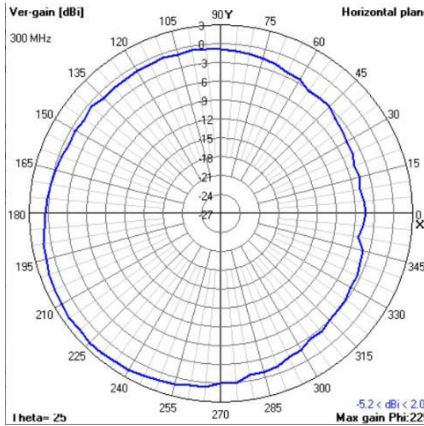
2404 MHz



2442 MHz



2478 MHz



Revision History

Previous Versions	Changes to current version	Page(s)
Issue A	Initial release	All