



**Raspberry Pi
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Antenna Specification

This document provides details of the antenna used in Raspberry Pi products that have radio communication capabilities. The use of an antenna is necessary for the propagation of radio signal from the onboard chip. It pertains to the following products:

Product Name	Antenna Type	Manufacture Part Number	Reference in this Document
2.4G+5G module	ProAnt 2.4G + 5G Niche antenna	PRO-LIC-1020	Appendix C

Appendix C ProAnt Niche Antenna PRO-LIC-1020 at 2.4GHz and 5GHz

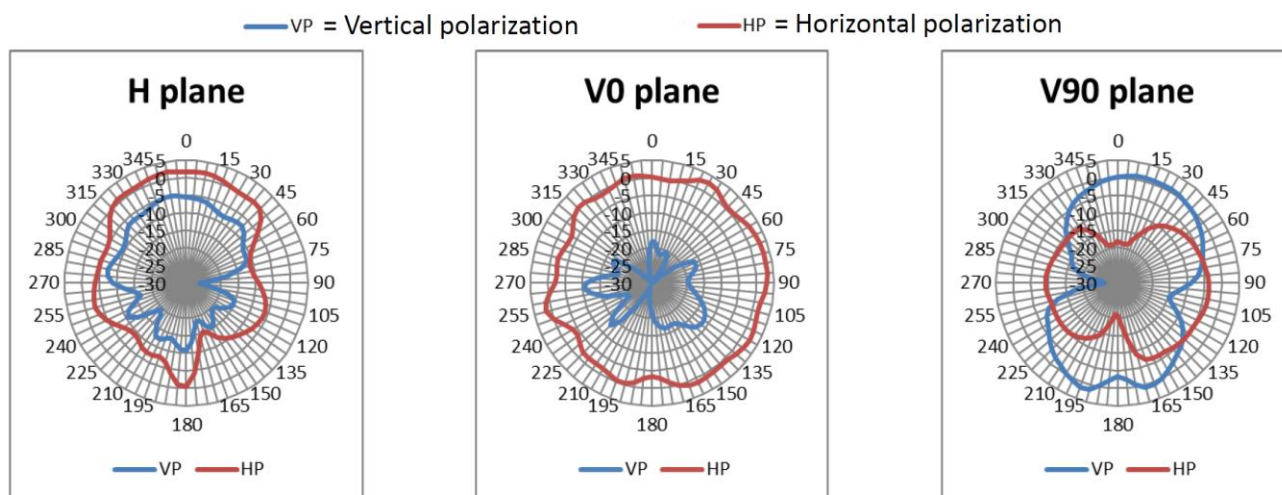


Figure 7 Niche Antenna 2.4 GHz Operation

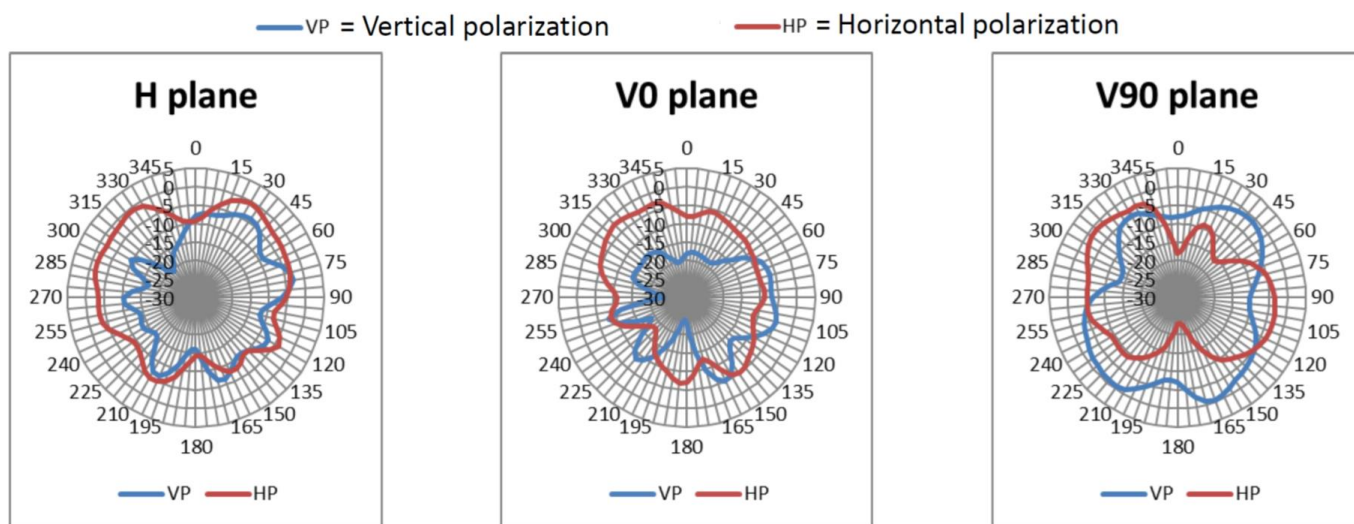


Figure 8 Niche Antenna 5GHz Operation

The Antenna can be identified on the board as follows:

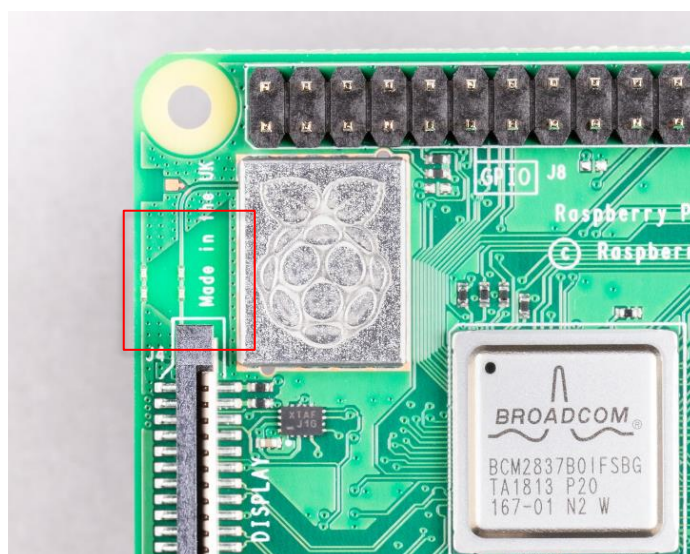


Figure 9 Niche Antenna PCB Example 2.4GHz and 5GHz

peak antennae gain:
2.4G:3.5dBi
5G:2.5dBi