

Antenna Datasheet

Antenna Manufacturer Information:

Antenna(s) are manufactured and designed at Garmin headquarters located at 1200 E. 151st Street, Olathe, KS, 66062, USA. Garmin is an antenna manufacturer that specializes in antenna construction and has been a technology leader in high performance antenna design for over thirty years. State-of-the art equipment is used to design, measure, and analyze new designs that are superior to competitor designs and highly proprietary in nature.

Antenna Description:

This data sheet contains the antenna gain information for the A04809-A1/A2/A3/A4 for Garmin Model A04809. The approximate operational frequency band of these technologies is given, and the maximum gain within the frequency band is shown in table 1.

Table 1 Antenna Gain:

Antenna Model Number	Type	Band (MHz)	Maximum Gain (dBi) @ Frequency (MHz)
A04809-A1	Slot	2400-2480	-1.04 @ 2450
A04809-A2	Slot	699-716	-11.09 @ 715
A04809-A2	Slot	1710-1755	-4.93 @ 1710
A04809-A2	Slot	1850-1910	-4.50 @ 1895
A04809-A2	Slot	2000-2020	-5.90 @ 2020
A04809-A3	Loop	13.56	N/A
A04809-A4	Slot	1626-1660	-4.90 @ 1655

Additional Information:

As all measurements for Part 15.225 are made in radiated mode to comply with the field strength limits, gain information is not required to be noted in the reports or any additional documentation.

Contact Garmin for other information regarding antenna design, dimensions, cable length, etc.