

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 A05125-A1/A2 for Garmin Model A05125. 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)
A05125-A1	Patch Array	24075 – 24175	N/A
A05125-A2	Inverted F	2400 – 2480	3.33 @ 2480

Additional Information:

Antenna gain is listed as N/A in the table where the specific antenna is only used for radios where the applicable rule parts are measured as a radiated field strength, and/or there are no rules pertaining to antenna gain limits.

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.