

Antenna Data Sheet

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 A05170-A1/A2/A3 for Garmin Model A05170. 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	Maximum Gain dBi	Approximate Frequency Band
A05170-A1	Slot	-7.6	2400-2483.5 MHz
A05170-A2	Slot	-2.5	1920-1980 MHz
A05170-A2	Slot	-3.0	1850-1910 MHz
A05170-A2	Slot	-2.9	1710-1785 MHz
A05170-A2	Slot	-3.3	1710-1755 MHz
A05170-A2	Slot	-17.5	880-915 MHz
A05170-A2	Slot	-24.2	699-716 MHz
A05170-A2	Slot	-19.9	832-862 MHz
A05170-A2	Slot	-22.8	703-748 MHz
A05170-A2	Slot	-3.5	2000 -2020 MHz
A05170-A2	Slot	-3.4	1626.5-1660.5 MHz
A05170-A2	Slot	-2.0	1980-2010 MHz
A05170-A3	Loop	N/A	13.56

NOTE: Antenna Gain is listed as N/A in the table when 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.

Additional Information:

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