

Antenna Data Sheet

Antenna Manufacturer Information:

Consumer Safety Technology, LLC

11305 Aurora Ave.

Des Moines, IA 50322

Equipment Description:

This data sheet contains the antenna gain information for the antenna(s) for KH-P500 internal PCB antenna. The approximate operational frequency band of these technologies is given, and the maximum gain within the frequency band is reported.

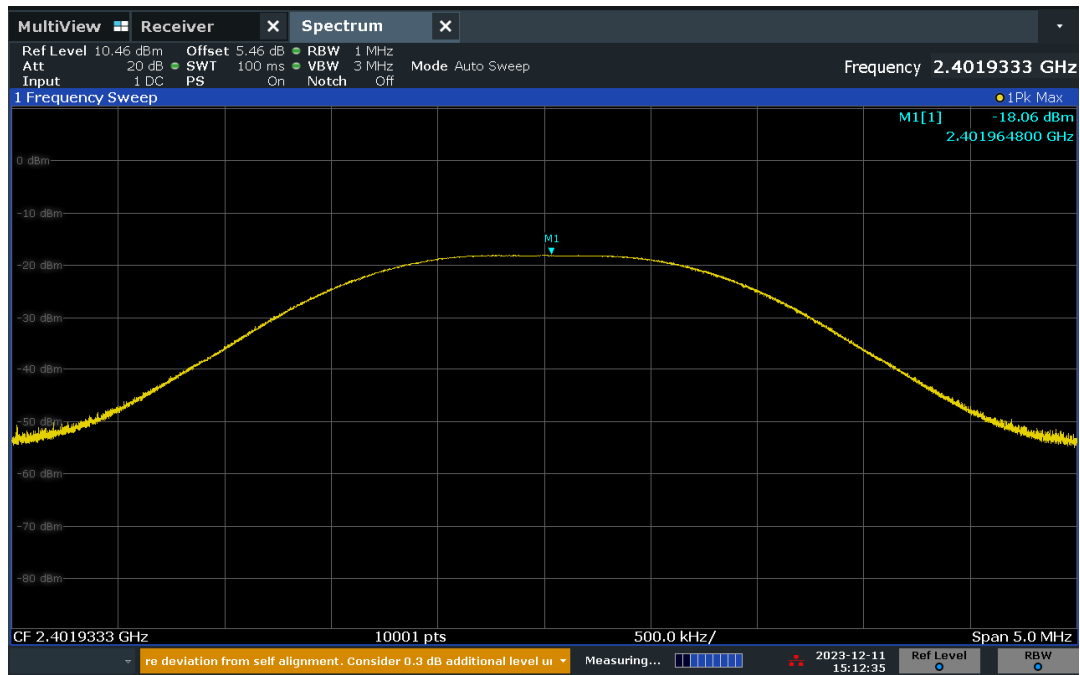
Reported Data:

Antenna Model Number	Antenna Type	Antenna Maximum Gain @ Frequency	Antenna Approximate Frequency Band
KH-P500	PCB	-10.69 dBi	2400MHz – 2483.5MHz

Additional Information:

Proprietary information regarding antenna design, dimensions, cable length, etc. are provided in the by the manufacturer.

Antenna Gain Plots:



03:12:36 PM 12/11/2023

Radiated Output Power – Low channel – X-Axis (worst case channel and axis)



04:17:36 PM 12/12/2023

Conducted Output Power – Low channel(worst case channel)

Antenna Gain: Radiated Output Power – Conducted Output Power = -18.06dBm – (-7.37dBm) = -10.69