

# **Antenna Data Sheet**

## **Antenna Manufacturer Information:**

The antenna(s) for Garmin Model A04811 are custom designed and manufactured by Garmin International, Inc. (Garmin) with headquarters located at 1200 E. 151<sup>st</sup> 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 as described below to design, measure, and analyze new designs that are superior to competitor designs and highly proprietary in nature.

## **Equipment Description:**

This data sheet contains the antenna gain information for the antenna(s) for Garmin Model A04811. The approximate operational frequency band of these technologies is given, and the maximum gain within the frequency band is reported.

## **Reported Data:**

| <b>Antenna Model Number</b> | <b>Antenna Maximum Gain @ Frequency</b> | <b>Antenna Approximate Frequency Band</b> |
|-----------------------------|---|---|
| A04811 -A1                  | 0 dBi @ 2470 MHz                        | 2400 to 2480 MHz                          |
| IWR1843AOP                  | 5 dBi @79 GHz                           | 77 to 81 GHz                              |

## **Data Sheet Requirements:**

This data sheet contains the following, as required by the FCC's Antenna Data Sheet Requirements (Refer to Page 4 of [https://transition.fcc.gov/oet/ea/presentations/files/oct22/35-Part-15-Antenna-Updates-TCB\\_Oct\\_2022.pdf](https://transition.fcc.gov/oet/ea/presentations/files/oct22/35-Part-15-Antenna-Updates-TCB_Oct_2022.pdf)):

- Name and Address of the Manufacturer
- Model Number of the Antenna(s)
- The Maximum Antenna Gain in the frequency band of operation

## **Additional Information:**

Proprietary information regarding antenna design, dimensions, cable length, etc. are provided in the Confidential Operation Description exhibit.