SUMMIT SEMICONDUCTOR LLC
Model No.: 444-2254
FCC ID.: UA9805

ANTENNA INFORMATION

20575 NW Von Neumann Dr., Suite 100
Beaverton, OR 97006 USA
TEL (503) 615 7700
FAX: (503) 615 4232

The 444-2254 Summit SWM908 Master module includes an integrated PCB antenna, meaning no unsightly external antennas or tuning of RF application circuits is required. This not only ensures coupling between the antenna and the intentional radiator but also keeps the users from violating the FCC requirement per 15.203 for FCC Part 15 transmitters.

The Summit SWM908 Master module's built-in antenna has a maximum gain around 1.0 dBi at 5500 MHz. From the test report it is evident that the antenna complies with the EIRP limit.

The user manual clearly cautions the user not to try to replace the antennas Also; there are no specific controls available to the user that changes the performance of the antenna. The modular device is compatible with the integrated antenna, and the external antenna models listed below. The external antenna models utilize reverse SMA connections to satisfy the requirement of FCC 15.203 for Part 15 transmitters.

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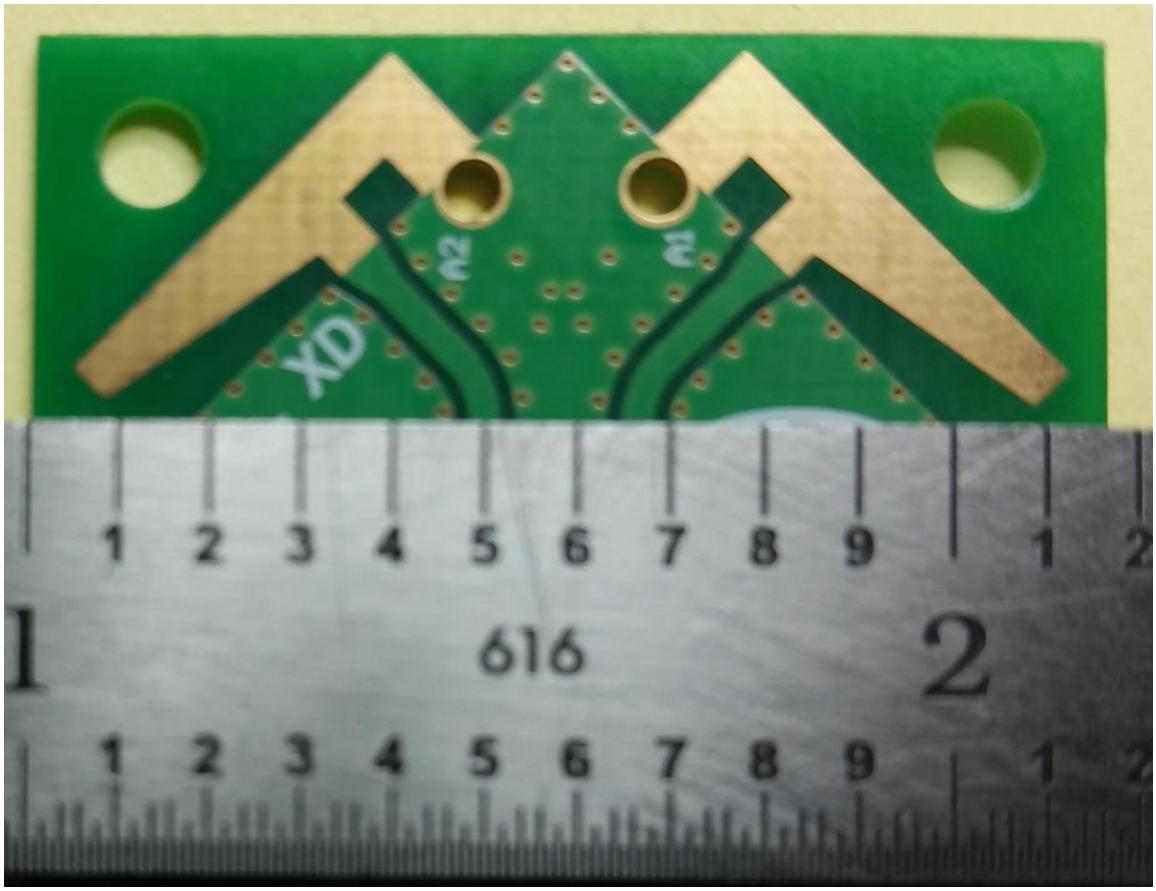
Antenna Photograph:



Note: Two internal antennas are shown. The left-hand antenna, A2, is referred to as the monitor, and the right-hand antenna, A1, is referred to as the working. Ruler units are in tenths of an inch.

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Compatible Antenna for use with the master module:

1) Summit Semiconductor Built-in Integrated Antenna
Configuration: Internal, PCB
Region: All Regions
Gain: 1.0dBi

2) Nearson, Model T614AH
Configuration: External, Reverse SMA, Omni
Region: USA / Canada / Australia / New Zealand
Gain: 5.0dBi

3) Electric Connector Technology, Model 81800T183
Configuration: External, Reverse SMA, Omni
Region: USA / Canada / Australia / New Zealand / Europe / Japan
Gain: 2.6dBi

4) Nearson, Model K131AH
Configuration: External, Reverse SMA, Omni
Region: USA / Canada / Australia / New Zealand / Europe / Japan
Gain: 2.0dBi

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