

ABSTRACT

An antenna and a method of manufacturing

A method of manufacturing an antenna comprising: providing a millimeter wave
5 (MMW) antenna attached to a signal pad on an integrated circuit mounted on a
substrate, and adjusting one or more parameters of the antenna to conform to
predetermined desired thresholds, levels or ranges, wherein the adjustment is
selected from the group consisting of: locating a conducting or dielectric object
at a desired tuner location in proximity to the antenna to tune the central signal
10 frequency, locating a conducting reflector at a desired reflector location in
proximity to the antenna to tune the radiation direction or pattern, and selecting
a conducting patch or object as a radiator/detector element to modify the
bandwidth. Also a millimeter wave (MMW) antenna.

15 Fig. 1



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