



SUMMIT SEMICONDUCTOR LLC

SUMMIT SWM997 MODULE – ATHENA4XC

SUMMIT SEMICONDUCTOR LLC
Model No.: 444-2250
FCC ID.: UA9601

ANTENNA INFORMATION

Model No. 444-2250
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The 444-2250 Summit SWS997 client module includes 4 (each) integrated PCB antennae, meaning no unsightly external antennas or tuning of RF application circuits are 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

The user manual clearly cautions the user not to try to replace the antennas and the modular device is compatible with only the integrated antennas. Hence a list of usable antennas is not furnished to the user. Also, there are no specific controls available to the user that changes the performance of the antenna.

The maximum gain for the Summit SWS997 client module is around 1 dBi at 5500 MHz. From the test report it is evident that the antenna complies with the EIRP limit