

FccID: H9PLA4137P

WLAN Flash Card, 11 Mbps

Conf Num: EA101536

Original Equip.

Correspondence # 20403

Date Emailed: 8/28/01

Question 1

Please submit a Parts List.

Answer:

I have uploaded the parts list. This list is confidential and should be withheld from the public.

Question 2

Please submit Processing Gain test report and data.

Answer:

I have uploaded a processing gain test report. This report is based on our H9PLA4131 radio. Both the LA4131 and the LA4137 are based on the Intersil chipsets and contain the same RF, filtering, and baseband processing chips. The parts list are identical except for the PCB and Rs and Cs that are reduced in size so as to fit the LA4137 into a Compact Flash form factor.

Question 3

The test configuration is not clear. The EUT description mentions that the device has an integral PCB antenna, but the test report setup shows an external antenna attached with RF cables. Please clarify.

Answer:

The prototype was tested with the antenna on a separate PCB. This was done since only the connectorized version of the new card was available at testing time. The integrated antenna test was simulated by connecting the chip antennas mounted on a piece of older card and connected to the new card by very short RF cables. The production card has the chip antennas mounted on an extended PCB. The connectorized version has not been applied for yet.