



Technical Description

This device is a Dell Wireless 1390 802.11g ExpressCard which operates in the 2.4GHz frequency spectrum with throughput of up to 125Mbps which OFDM technique will be applied. If the signal to noise ratio is too poor which could not support 54Mbps, the 11Mbps data rate with DSSS technique will be applied.

The EUT have two versions, named "Original" and "Alternate". Both have the same hardware designation, but different component as below.

VERSION	COMPONENT MARK				
	J1	U6	U2	U2a	R56
Original	MM84302600B (Murata)	AT93C66A (Atmel)	NC7S32P5X_NL (Fairchild)	No Load	No Load
Alternate	KMC1001-F007- 7F (Foxconn)	IS93C66A-2ZLI (ISSI)	No Load	BAT54CW (Secos)	100k Ohm 5%, 0402

The transmitter of the EUT is powered by host equipment. The antenna is Internal Printed antenna without antenna connector.

The other instruction, please have a look at the users manual.