

### 3. Testobject Data

#### 3.1 General EUT Description

<b>Equipment under Test:</b>	Bluetooth PC card II from IBM
<b>Type Designation:</b>	
<b>Kind of Device: (optional)</b>	Bluetooth transceiver PCMCIA card
<b>Voltage Type:</b>	DC
<b>Voltage level:</b>	5.0 V

#### General product description:

Bluetooth is a short-range radio link intended to be a cable replacement between portable and/or fixed electronic devices.

Bluetooth operates in the unlicensed ISM Band at 2.4 GHz. In the US a band of 83.5 MHz width is available. In this band, 79 RF channels spaced 1MHz apart are defined. The channel is represented by a pseudo-random hopping sequence through the 79 channels. The channel is divided into time slots, with a nominal slot length of 625 $\mu$ s, where each slot corresponds to different RF hop frequencies. The nominal hop rate is 1600 hops/s. All frequencies are equally used. The average time of occupancy is 0.3797 s within a 30 second period. The symbol rate on the channel is 1 Ms/s.

#### The EUT provides the following ports:

##### Ports

AC line of the laptop  
Enclosure

**The main components of EUT are listed and described in Chapter 3.2**



### 3.2 EUT Main components: Type, S/N, Short Descriptions etc. used in this Test Report

Short Description	Equipment under Test	Type Designation	Serial No.	HW Status	SW Status	Date of Receipt
EUT A	Bluetooth PC card II from IBM	-	05028a980080	Rev3	Beta10.3	-

**NOTE: The short description is used to simplify the identification of the EUT in this test report**

### 3.3 Ancillary Equipment

For the purposes of this test report, ancillary equipment is defined as equipment which is used in conjunction with the EUT to provide additional operational and control features to the EUT. It is necessary to configure the system in a typical fashion, as a customer would normally use it.

Short Description	Equipment under Test	Type Designation	HW Status	SW Status	Serial No.	FCC Id
AE 5	PC Mouse	Logitech M-MD15L	-	-	-	DZLMMD15L
AE 4	Printer	HP DJ 895 cxi	-	-	SG97E1V0Y5	-
AE 3	Keyboard	Compaq	-	-	123755-002	AQ6-23K15
AE 2	Monitor	Samsung Sync Master 700p	-	-	SE 17H3MK3052 56N	CSE 7839
AE 1	Laptop	IBM Thinkpad	-	-	ZZ-00013	-

### 3.4 EUT Setups

This chapter describes the combination of EUT's and ancillary equipment used for testing.

Setup No.	Combination of EUTs	Description
setup 1	EUT A + AE 1 + AE 2 + AE 3 + AE 4 + AE 5	