



# Technical Information (Appendix D-F)

**Apple, Inc.**

**Bluetooth Device**  
**Model No A1657**

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Engineering Contact:

Apple, Inc  
1 Infinite Loop M/S 91-1EMC  
Cupertino, CA 95014  
USA

## Appendix D

### Product General and Technical Descriptions

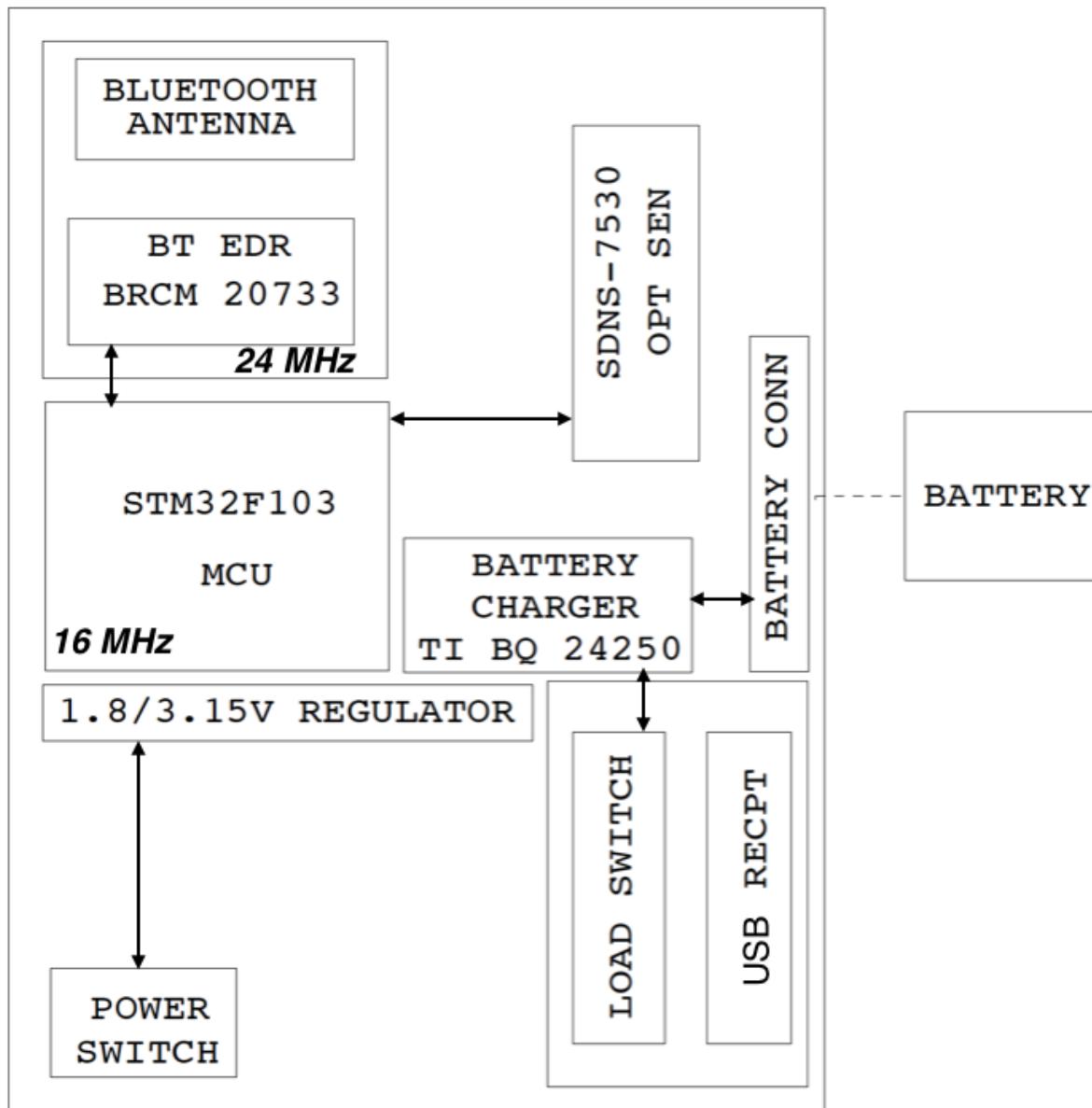
The Magic Mouse 2 is the latest wireless mouse from Apple Inc. It has a rechargeable battery and uses Bluetooth technology to connect wirelessly to the host computer. It has a Lightning port for charging with a Lightning to USB cable. Tracking and Multi Touch are not functional when Lightning cable is attached and charging.

MCU Speed	16 MHz
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I/O Ports	QTY
Lightning	1

## Product Photographs



**Product Block Diagram**

## Appendix E

### EUT Exercise Software

The Magic Mouse 2 was tested in charging mode when connected to a host computer with a Lightning to USB cable. The radiated and conducted emissions measurements were made while the system was exercised in this manner.

## Appendix F

The EUT was tested in the worst-case mode as determined from the pre-testing described in section 2.3.1.

### Diagram of Test Configuration



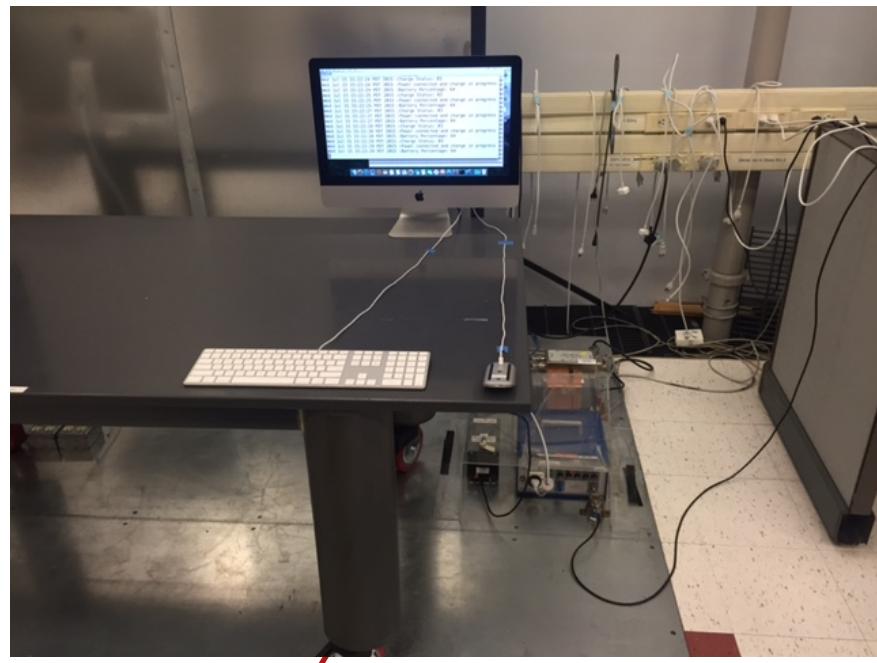
	Description	Model No
1	Magic Mouse 2 (EUT)	A1657
2	Wired Keyboard	A1243
3	TLISN	FCC-TLISN-T8-02
4	iMac 21.5 inch	A1418

Note: Network simulators were remotely located outside the test area. Equipment used for the simulators are as follows: GX4-800 10/100/1000 Ethernet hub and Host computer system.

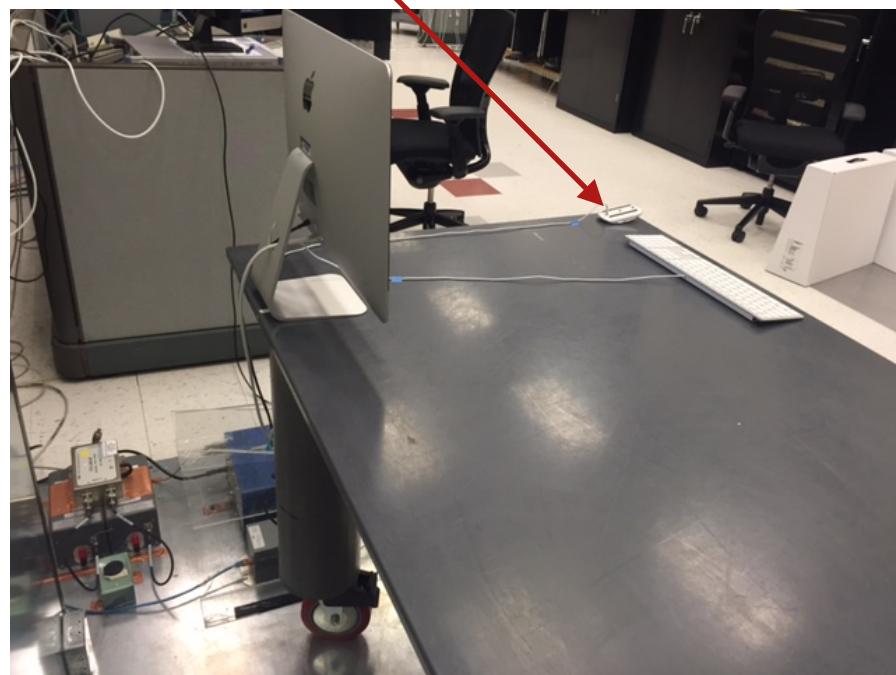
## 1. Cable Description and Information

The following interconnect cables were used:

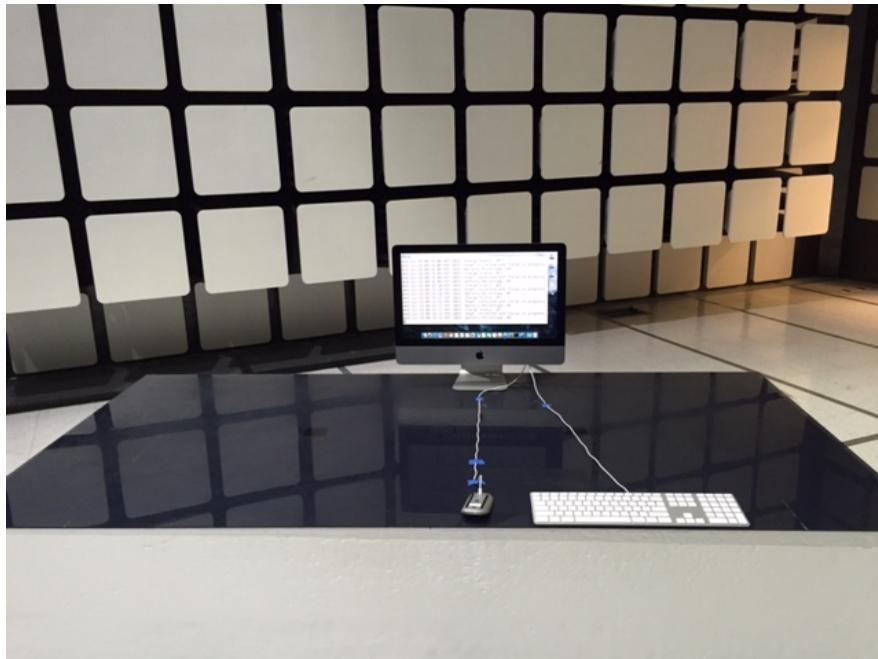
	<b>Cable Type</b>	<b>Shielded</b>	<b>Ferrite</b>
A	AC Power Cord	No	No
B	Ethernet Cable	Yes	No
C	USB 2.0	Yes	No
D	Lightning to USB	Yes	No

**2. Test Setup Photos****2.1. Conducted Emissions Test Setup Photos**

EUT



## 2.2. Radiated Emissions Test Setup Photos



EUT

