


Intel Corporation 2111 NE 25th Avenue, M/S: JF3-302 Hillsboro, OR 97124 USA	
Model: GQ110	Date: April 25, 2014
Author: Sahithi Kandula	Page 1 of 1

To:

Federal Communications Commission Equipment Authorization Division,
Application Processing Branch
7435 Oakland Mills Road
Columbia, MD 21048

Subject: Cover Letter

To Whom It May Concern,

Intel Corporation is requesting an original certification for our unlicensed wireless product called "Intel 8-inch Tablet", Model: GQ110, FCC ID: PSZ-GQ110. The tablet will operate under FCC rules 47 CFR 15.247 as a DTS device. The product uses the IEEE 802.11b/g/n-20MHz protocol as client device that can also act as master device as defined within 47 CFR 15.202.

The Intel 8-inch Tablet contains a transceiver which has been tested and complies with RF exposure requirements at 0cm separation.

The Intel 8-inch Tablet will be utilizing the frequency range of 2400MHz – 2483.5MHz for Wi-Fi 802.11b/g/n-20MHz channels 1-11 with 5MHz channel spacing. It supports modulation schemes of CCK and OFDM with the possible data rates for 802.11b – 1, 2, 5.5, 11 Mbps, 802.11g- 6, 9, 12, 18, 24, 36, 48, 54Mbps and 802.11n - MCS0-MCS7.

The Intel 8-inch Tablet will be utilizing the frequency range of 2400MHz – 2483.5MHz for Bluetooth BDR/EDR with 1MHz channel spacing. It supports modulation schemes of GFSK for 1Mbps (BDR), pi/4 DQPSK for 2Mbps (EDR) and 8-DPSK for 3Mbps (EDR).

The Intel 8-inch Tablet will be utilizing the frequency range of 2400MHz – 2483.5MHz for Bluetooth LE (Low Energy) with 2MHz channel spacing. It supports modulation schemes of GFSK for 1Mbps, pi/4 DQPSK for 2Mbps and 8-DPSK for 3Mbps.

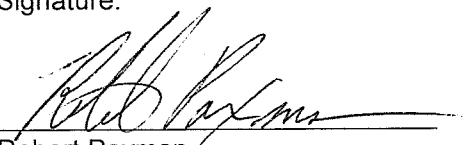
The Intel 8-inch tablet is also capable of receiving GPS signals.

The device uses a Planar Inverted-F Antenna (PIFA) tuned for 2.4GHz. This configuration satisfies the requirements of 47 CFR 15.203, as shown in later exhibits.

If any further clarification is required, please feel free to contact me at (503)712-8077 or via e-mail at Robert.Paxman@Intel.com.

Best Regards,

Signature:



Robert Paxman
Wireless Product Regulatory Engineer
Intel Corporation

Date:

4-25-2014