# Shenzhen Banana Technology Co.LTD

## Declaration letter

FCC ID: 2AJ2YMT8003

 The product is a Tablet PC based on Intel Atom Z3735F Quad-Core Processor chipset platform
with window 10. The majority of the tablet PC circuitry consists of eight device chipsets,
and these chipsets ate divided into different function sub-system or units.
The central processor units include the AP, memory and NAND FLASH storage ICs.
The Intel Atom Z3735F Quad-Core is the main application processor, and the Support
SDHC/SDXC is the system memory and package on package with the CPU at PCBA.
The NAND FLASH memory MX25U1635EZNI-10G is the system internal storage for OS or other data.
The wireless unit includes WIFI/BT. The RL-SM02BD single chip device provides for the highest level of integration for
a mobile or handheld wireless system, with integrated IEEE 802.11™ b/g and single-stream 802.11n (HT20),802.11n
(HT40)
For WLAN and Bluetooth: CPU send uplink data over SDIO-bus to RL-SM02BD, RL-SM02BD modulate it to generate
RF signals over a frequency range of 2.4GHz band, and amplify RF signa is by inner amplifier, then send it to the
WIFI/BT antenna through the SAW filter. In the other way, antenna receiver signals from the air, send them to the RL-
SM02BD, RL-SM02BD demodulate signals and transfer useful data back to the CPU. The AXP288 is Power
Management .
The module supports SDIO version 2.0 for 4-bit modes (100 Mbps), and high speed 4-bit (50 MHz clocks – 200 Mbps).
It has the ability to stop the SDIO clock and map the interrupt signal into a GPIO pin. This 'out-of-band' interrupt signal
notifies the host when the WLAN device wants to turn on the SDIO interface. The ability to force the control of the
gated clocks from within the WLAN chip is also provided.
 The module support 5G band, but  this product only support 2.4G band from software.


Regards

Signature:
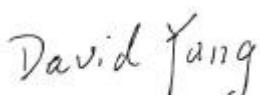
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