

Mia Kang

From: 함재준
Sent: Wednesday, September 24, 2008 12:29 AM
To: PCTEST TCB
Subject: Re: Questions Regarding FCC ID: A3LSWDI7110
Attachments: 12_I7110_FM_TRX_oper_description.pdf; 01_Block diagram_I7110_080923.pdf;
08_Schematic_REV1.1_FCC_I7110_080812.pdf

Dear Gregory Czumak,

For RT#1,#2,#3, please find attached the files.

For RT#4, please refer to the comment below.

==>

I7110 share the antenna for bluetooth and WLAN.

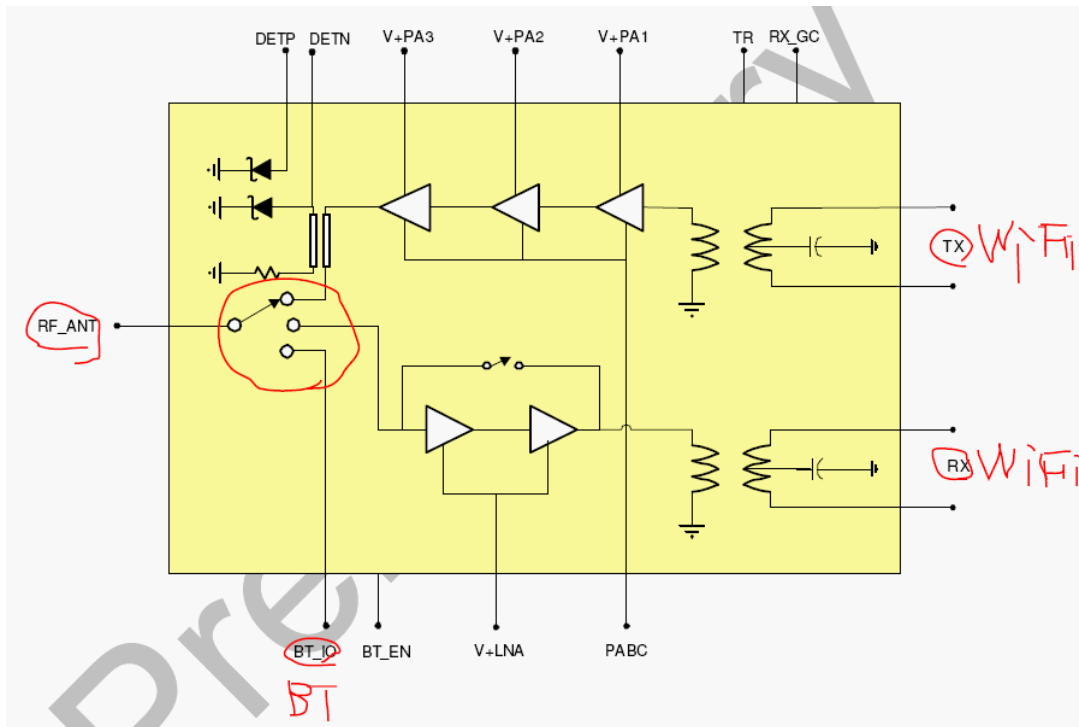
But WLAN and Bluetooth can not transmit simultaneously.

Technically, WLAN uses time division duplexing, which means it on and off its transmission.

Bluetooth uses frequency hopping, which means it switch its output carrier frequency 1600 times per seconds.

So they can not transmit at the same time.

The WL1251 controls the transmission of bluetooth and WLAN by on and off the 1P3T RF switch in the WL1251FE.



Best Regards
Geoffrey

----- Original Message -----
Sender : PCTEST TCB<pctesttcb@pctestlab.com>
Date : 2008-09-23 05:35 (GMT+09:00)
Title : Questions Regarding FCC ID: A3LSWDI7110

To: Mr. Geoffrey Ham / Samsung Electronics Co., Ltd.
From: Mr. Gregory Czumak / PCTEST TCB
RE: FCC ID: A3LSWDI7110

Applicant: Samsung Electronics Co., Ltd.

Correspondence Reference Number: A3L80818
Confirmation Number: 809040818-21
Date of Original Email: September 22, 2008

Subject: Request for additional information

In regards to your recent TCB application referenced above, we kindly request that you provide the following additional information.

1. Please submit an Operational Description for the FM Transmitter.
2. Please submit a Block Diagram for the WLAN transmitter that shows all

9/24/2008

clocks/oscillators.

3. Please submit a Schematic Diagram for the WLAN transmitter. The schematics submitted appear to show that the WLAN is not implemented.
4. Please confirm that the BT and WLAN share the same antenna. Can they transmit simultaneously?

The item indicated above must be submitted before processing can continue on the above referenced application.

Sincerely,

Gregory Czumak
Senior Certification Engineer
Quality Manager

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