

SabinaChen<陳靖媛>

寄件者: oetech@fccsun27w.fcc.gov
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收件者: sabinachen@quietek.com
主旨: Response to Inquiry to FCC (Tracking Number 979233)



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Office of Engineering and Technology

Inquiry:

Description

The tablet PC has included 13.56MHz RFID, 2.4GHz WLAN and 2.4GHz BT modules.
Regarding to the RF module spec and the antenna spec, please kindly refer to the attachments.
The distance of RFID antenna and WLAN antenna is less than 5 cm.
The output power for three module is
WLAN: 15dBm
RFID: 14dBm(25mW)
Bluetooth: 4dBm

Question

For this Tablet PC, how should we evaluate the simultaneous transmission SAR for RFID and WLAN ?
Do we need to evaluate the individual transmission SAR in RFID ?

Best regards,
Sabina Chen

Response:

Do we need to evaluate the individual transmission SAR in RFID ?
[SAR evaluation is not required for the RFID transmitter operating at 13.56 MHz and 25 mW maximum output.](#)

How should we evaluate the simultaneous transmission SAR for RFID and WLAN ?
[When SAR is not required for the RFID transmitter, simultaneous transmission SAR considerations for the RFID transmitter is also not required.](#)

[Follow the normal procedures in KDB 248227 to test 802.11 modes for WLAN SAR compliance.](#)
[Follow the procedures in KDB 447498 to determine the SAR configurations required for tablet PC.](#)

[Please check the original grants of these modules to determine possible restrictions and conditions for integrating them into the proposed tablet PC. Alternatively, the tablet PC may be approved as a standalone device with its own FCC ID. Please consult with the approving TCB for details.](#)

[RFID SPEC](#)

[BT Spec](#)

[Intel spec](#)

[Antenna Position](#)

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