

## Steve Cheng

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**From:** demi.chen@tw.bureauveritas.com  
**Sent:** Friday, August 03, 2012 3:55 AM  
**To:** Steve Cheng  
**Cc:** wendy.liao@tw.bureauveritas.com; hank.chung@tw.bureauveritas.com  
**Subject:** Re: FW: TCB Review Comments for (A12-0517b-8120 PQP-SPLDT1-Prime 60G WHD transmitter)  
**Attachments:** 15.255i exemption accepted by FCC reviewer for SIMG 60GHz products.pdf

Hi Steve,

客戶的回覆如下~

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from **Prime Electronics & Satellitics Inc. "Eileen Lin"** <eileen\_lin@pesi.com.tw>

As you know we have some issues with FCC declaration letter and MK from Silicon Image (the designer of DVDO product) would like you to pass attachment to TCB. If TCB has any further question, please add them to this email loop for further explanation. Thank you !

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(See attached file: 15.255i exemption accepted by FCC reviewer for SIMG 60GHz products.pdf)

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from **Mahesh Kiwalkar** <Mahesh.Kiwalkar@siliconimage.com>

The purpose of that document is to show that this 15.255(I) exemption was discussed with FCC reviewer directly for another module based on our 60GHZ chipset and it was approved by FCC.

Please also note that several products based on 3 generations of chipsets have been approved by various TCBS so far using this exception.

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**陳綺芳 Demi Chen**

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如遇休假或案件處理，可聯繫職務代理人代為協助\_Cindy Yo (分機 1911)

If I am not in office or you have any project issue, please contact with my duty agent \_Cindy Yo (ext: 1911)



**NOTICE:** the domain name of our e-mail address is being shifted from [adt.com.tw](http://adt.com.tw) to [tw.bureauveritas.com](http://tw.bureauveritas.com). The old e-mail address is still valid till mid-2010. Please modify your address book to keep contact information correct and up-to-date.

▼ "Steve Cheng" <steve.cheng@nacsemc.com>

"Steve Cheng" <steve.cheng@nacsemc.com>

2012/07/26 下午 03:32

To Demi Chen/TWN/VERITAS@VERITAS

cc

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Subject

FW: TCB Review Comments for (A12-0517b-8120 PQP-SPLDT1-Prime 60G WHD transmitter)

Ref

FYI

Best regards,

[Steve Cheng](#)

North American EMC Certification Services Inc.

24889 Ferguson Ave..

Maple Ridge, BC, Canada V2W 1H4

Tel: (604) 466-5978

Email: [steve.cheng@nacsemc.com](mailto:steve.cheng@nacsemc.com)

**From:** Steve Cheng [<mailto:steve.cheng@nacsemc.com>]

**Sent:** Thursday, July 26, 2012 12:23 AM

**To:** 'eileen\_lin@pesi.com.tw'

**Subject:** TCB Review Comments for (A12-0517b-8120 PQP-SPLDT1-Prime 60G WHD transmitter)

Dear Eileen,

Below is the relevant rule for 60G product as we have discussed over the phone call. Please review and let me know if you need further help. Thanks.

### **TCB Review Comments for (A12-0517b-8120 PQP-SPLDT1-Prime 60G WHD transmitter)**

Per FCC part 15 Section 15.255 following function need to be implemented in the device.

#### **15.255 Operation within the band 57-64 GHz**

(i) For all transmissions that emanate from inside a building, within any one second interval of signal transmission, each transmitter with a peak output power equal to or greater than 0.1 mW or a peak power density equal to or greater than 3 nW/cm<sup>2</sup>, as measured 3 meters from the radiating structure, must transmit a transmitter identification at least once. Each application for equipment authorization must declare that the equipment that will be used inside a building contains the required transmitter identification feature and must specify a method whereby interested parties can obtain sufficient information, at no cost, to enable them to fully detect and decode this transmitter identification information. Upon the completion of decoding, the transmitter identification data block must provide the following fields:

1. FCC Identifier, which shall be programmed at the factory.
2. Manufacturer's serial number, which shall be programmed at the factory.
3. Provision for at least 24 bytes of data relevant to the specific device, which shall be field programmable. The grantee must implement a method that makes it possible for users to specify and update this data. The recommended content of this field is information to assist in contacting the operator.

Best regards,

[Steve Cheng](#)

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Email: [steve.cheng@nacsemc.com](mailto:steve.cheng@nacsemc.com)

To: Mahesh Kiwalkar,  
mahesh.kiwalkar@siliconimage.com  
From: Jyun-Cheng Chen  
JC.Chen@fcc.gov  
FCC Equipment Authorization Branch

Applicant: Silicon Image, Inc.  
FCC ID: UK2-SIL-SK63100  
Correspondence Reference Number: 41786  
731 Confirmation Number: EA493665  
Date of Original E-Mail: 5/11/2012

Subject: FCC Equipment Authorization System

2. Per 2.1033(b)(11), demonstration of compliance to 15.255(i) is required for a 59-64 GHz transmitter.

Silicon Image Proprietary and Confidential.

16 May 2012

## SIL-SK63100

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2. Per 2.1033(b)(11), demonstration of compliance to 15.255(i) is required for a 59-64 GHz transmitter.

Per section 7.11 of the test report, the Transmitter Identification requirement is not applicable. The EUT is part of a WVAN. All components of the WVAN are for indoor operation only. There are no outdoor units therefore no transmissions are directed outside the building."

To: Mahesh Kiwalkar,  
mahesh.kiwalkar@siliconimage.com  
From: Jyun-Cheng Chen  
JC.Chen@fcc.gov  
FCC Equipment Authorization Branch

Applicant: Silicon Image, Inc.  
FCC ID: UK2-SIL-SK63100  
Correspondence Reference Number: 41851  
731 Confirmation Number: EA493665  
Date of Original E-Mail: 5/21/2012

Subject: FCC Equipment Authorization System

Thank you for your 5/16 reply to my 5/11 inquiry. The output power tolerance information and the justification on 15.255(i) exemption are acceptable.