



Tim Dwyer <rfspectrum@gmail.com>

Q13 answer: Broadcom Corporation, //QDS-BRCM1059 //AN11T0290//AN11I3875

2 messages

Claire Hoque <claire.hoque@ccsemc.com>

Fri, May 6, 2011 at 8:41 PM

To: Chi Tsou <chi.tsou@ccsemc.com>, Tim Dwyer - TCB <Timothy_Dwyer@ieee.org>, "Timothy M. Dwyer" <tim.dwyer@ccsemc.com>

Hi Tim,

Pls see revised DTS and UNII reports for Q13.

Thanks,

Claire Hoque

From: Claire Hoque

Sent: Friday, May 06, 2011 5:23 PM

To: Tim Dwyer - TCB; Timothy M. Dwyer

Cc: Chi Tsou

Subject: answer: Broadcom Corporation, //QDS-BRCM1059 //AN11T0290//AN11I3875

Hi Tim,

Pls see our answer, and pls kindly issue grants this week(by May 8), sorry to interrupt your weekend.

I already sent you BT reports yesterday.

Q10 and Q13, Chi will provide answer today.

1) Submit a channel/frequency plan for this device showing the channels that have active scanning or passive scanning. Active scanning is where the device can transmit a probe (beacon) and passive scanning is where the device is can listen only with no probes.

<answer> already submitted. Here attached again.

2) Verify that this device does not have ad-hoc mode

<answer> already submitted. Here attached again.

3) Verify that this application contains a complete User's Manual and/or Professional Installers Manual. If the manual is not complete, upload an updated User's Manual exhibit.

<answer> User manual is already submitted, re-attached again.

4) Can this device act as an access point on the non-DFS legacy frequencies (5.15-5.25 MHz)

<answer> No.

5) Verify that this device meets the frequency requirements of Section 15.202

<answer> Yes.

6) For client devices that have software configuration control to operate in different modes (active scanning in some and passive scanning in others) in different bands (devices with multiple equipment classes or those that operate on non-DFS frequencies) or modular devices which configure the modes of operations through software, the application must provide software and operations description on how the software and/or hardware is implemented to ensure that proper operations modes cannot be modified by end user or an installer.

<answer> The operational modes that the BCM94331PCIET3A supports are set in firmware at the factory as a Hardware SKU. The end user or an installer cannot modify the operational modes or frequencies.

7) Block diagram has a formatting problem possibly from PDF conversion. Labels are not showing for most blocks. IC copy is the same.

Note from Chi: please update your block diagram in PDF format.

<answer> pls see revised block diagram.

8) User Manual page 14 describes country/location and related drivers. Be careful to address this in the application for items 1-6 above.

9) User manual page 16 refers to Broadcom OEM Installation Guide, which was not submitted with the application.

<answer> BRCM OEM installation guide is attached.

10) Please submit separate MPE reports extracted from the MPE pages of the DTS-WLAN, DTS-BT and NII reports. These will be used with both the FCC and IC applications.

Note from Chi: UL CCS will address.

<answer> Chi will provide today.

11) Antenna specifications have not been provided.

<answer> pls see ant. Spec. attached.

12) IC Modular label is not according to FCC-EN Issue 3 201012.

<<answer> pls see revised IC modular leer .

13) April 2010 TCB Workshop presentaton "04-05-2011-FCC 2b. Multiple Output TX Measurement Review 040511- SM .pdf" specifies summation method , not combiner for conducted spurious emissions. Please provide justification for use of the combiner in DTS and NII reports.

<answer> Chi will provide today.

Thanks,

Claire Hoque

This is a combined notice for FCC AN11T0290 and related IC AN1113875.

Review is complete except for BT portion. Final BT test report is expected on May 05.
Following items 1-6 were sent earlier by email, but are included here for clarity.

- 1) Submit a channel/frequency plan for this device showing the channels that have active scanning or passive scanning. Active scanning is where the device can transmit a probe (beacon) and passive scanning is where the device is can listen only with no probes.
- 2) Verify that this device does not have ad-hoc mode
- 3) Verify that this application contains a complete User's Manual and/or Professional Installers Manual. If the manual is not complete, upload an updated User's Manual exhibit.
- 4) Can this device act as an access point on the non-DFS legacy frequencies (5.15-5.25 MHz)
- 5) Verify that this device meets the frequency requirements of Section 15.202
- 6) For client devices that have software configuration control to operate in different modes (active scanning in some and passive scanning in others) in different bands (devices with multiple equipment classes or those that operate on non-DFS frequencies) or modular devices which configure the modes of operations through software, the application must provide software and operations description on how the software and / or hardware is implemented to ensure that proper operations modes cannot be modified by end user or an installer.
- 7) Block diagram has a formatting problem, possibly from PDF conversion. Labels are not showing for most blocks. IC copy is the same.
- 8) User Manual page 14 describes country/location and related drivers. Be careful to address this in the attestation for items 1-6 above.
- 9) User manual page 16 refers to Broadcom OEM Installation Guide, which was not submitted with the application.
- 10) Please submit separate MPE reports extracted from the MPE pages of the DTS-WLAN, DTS-BT and NII reports. These will be used with both the FCC and IC applications.
- 11) Antenna specifications have not been provided.
- 12) IC Modular letter is not according to RSS-GEN Issue 3 201012.
- 13) April 2010 TCB Workshop presentation "04-05-2011-FCC 2b. Multiple Output TX Measurement Review 040511- SM .pdf" specifies summation method , not combiner for conducted spurious emissions. Please provide justification

for use of the combiner in DTS and NII reports.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender. Revised documentation should not be emailed, but instead should be submitted through "Add Attachment" function at the UL-CCS website. Please have your Assessment Number and FCC ID/IC Certification number handy. You may use the following link: <https://cert.ccsemc.com/filing/>

Best regards,

Tim Dwyer
Technical Reviewer




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4 attachments

-  **11U13734-2A_FCC IC UNII WLAN Report_Photos only.pdf**
336K
-  **11U13734-1A_FCC IC DTS WLAN Report_No photos.pdf**
3695K
-  **11U13734-1A_FCC IC DTS WLAN Report_Photos only.pdf**
279K



11U13734-2A_FCC IC UNII WLAN Report_No photos.pdf
6349K

Chi Tsou <chi.tsou@ccsemc.com>

Fri, May 6, 2011 at 8:40 PM

To: Claire Hoque <claire.hoque@ccsemc.com>, Tim Dwyer - TCB <Timothy_Dwyer@ieee.org>, "Timothy M. Dwyer" <tim.dwyer@ccsemc.com>

Cc: Mike Kuo <mike.kuo@ccsemc.com>, bob.delisi@us.ul.com

Hi Tim,

I am very sorry but kindly issue the grants ASAP.

Thanks very much,

Chi

From: Claire Hoque

Sent: Friday, May 06, 2011 5:42 PM

To: Chi Tsou; Tim Dwyer - TCB; Timothy M. Dwyer

Subject: Q13 answer: Broadcom Corporation, //QDS-BRCM1059 //AN11T0290//AN1113875

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