

**Helen Zhao**

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**Subject:** FW: AMIC Technology Corporation, FCC ID: S8RA9230-D, Assessment NO.: AN06T6055, Notice#1

**From:** hsieh

**Sent:** Monday, January 08, 2007 7:37 PM

**To:** Helen Zhao

**Subject:** Re: AMIC Technology Corporation, FCC ID: S8RA9230-D, Assessment NO.: AN06T6055, Notice#1

Dear Helen,

Thank you for your mail.

Attached please find the revised user manual from the customer.

Best regards,

Joe

----- Original Message -----

**From:** [Helen Zhao](#)

**To:** [hsieh](#)

**Sent:** Tuesday, January 09, 2007 7:32 AM

**Subject:** RE: AMIC Technology Corporation, FCC ID: S8RA9230-D, Assessment NO.: AN06T6055, Notice#1

Dear Joe,

The user manual (section 3.1 Introduction - page 4) shows "A9230-D readers can be used with external 50ohms antennas of different size and shape to best fit user's specific applications," which conflicts with the statement in section 3.1 Antenna installation - page 6: "Only the above two mentioned antennas could be used in conjunction with A9230-D series readers."

Please also specify where to get the antenna, where to find professional installers. Will the antenna be sold to the end user or the professional installer?

Please modify the exhibits asap.

Best Regards,

Helen

-----Original Message-----

**From:** hsieh [<mailto:hsieh@etc.org.tw>]

**Sent:** Monday, January 08, 2007 2:50 AM

**To:** Helen Zhao

**Subject:** Re: AMIC Technology Corporation, FCC ID: S8RA9230-D, Assessment NO.: AN06T6055, Notice#1

Dear Helen,

Attached please find the revised user manual and installation guide.

The customer has removed antenna information from the user manual.

Please check. Thank you so much.

Best regards,

Joe

----- Original Message -----

**From:** [Helen Zhao](#)

**To:** [hsieh](#)

**Sent:** Friday, December 22, 2006 6:13 AM

**Subject:** RE: AMIC Technology Corporation, FCC ID: S8RA9230-D, Assessment NO.: AN06T6055, Notice#1

Dear Joe,

1/8/2007

Section 15.204, antenna list

Q: Can I sell a transmitter without an antenna and only supply a list of approved antennas?

A: Section 15.204(b) states that an approved "transmission system" must always be marketed as a complete system including the antenna.

Therefore, you can't market a transmitter to end users with a list of approved antennas.

However for professionally installed transmitters, if the grantee ensures and controls the professional installation of the device, the professional installer could choose the proper antenna for the install. e.g. The grantee may have contracted installers who install their equipment and ensure the proper antenna is used.

The grantee would need to justify professional installation (marketing, installation, and use restrictions. Follow professional installation justification) and ensure that the installation is done by a professional installer that they have control of. The professional installer gets the proper instructions for output power/cable/antenna configurations that meet the rules. These instructions are not given to the end user and in no case can the end user still have controls to adjust power.

The user manual indicates the external antennas will be sold separately, which violates FCC15.204 requirement. Secondly, the device uses standard antenna connector, it is not allowed to be installed by the end user. Your client has to modify the user manual to specifically indicate "Professional Installation is required". The section as how to install the antenna must to be provided to professional installer only, must be removed from the user manual.

Best Regards,  
Helen

-----Original Message-----

From: hsieh

Sent: Wednesday, December 20, 2006 11:54 PM

To: Helen Zhao

Subject: Re: AMIC Technology Corporation, FCC ID: S8RA9230-D, Assessment

NO.: AN06T6055, Notice#1

Dear Helen,

Sorry for late to reply. If there is something wrong, please let me know.

Re-Q#1: Attached please find the revise test report.

Re-Q#2: The digital multi-meter was used to check the DC power supply provides the correct power to the EUT to perform the testing. It has to past calibration.

Re-Q#3: Attached please find the User Manual.

Re-Q#4: Attached please find the datasheet of two antennas.

Re-Q#5: Attached please find the Block Diagram. You can see a switch behind two antennas. The switch will choose only one antenna to transmit at one time.

The two antennas neither transmit nor receive at the same time. They are being time multiplexed. Only one antenna will be active at one time.

If you have any questions please let me know.

Thank you.

Best regards,  
Joe

-----Original Message-----

From: Helen Zhao  
Sent: Tuesday, August 15, 2006 4:23 PM  
To: Helen Zhao  
Subject: AMIC Technology Corporation, FCC ID: S8RA9230-D, Assessment  
NO.: AN06T6055, Notice#1

Question #1: The test report (sheet 11 of 27) indicates QP limit @30m is 10 mV/m, which is incorrect. Please update the test report.

Question #2: The test report (sheet 19 of 27) shows a digital multi-meter was past calibration due when the test was performed, thus the test result is invalid. Please explain.

Question #3: Please submit user manual.

Question #4: The EUT photos show this device comes with two antennas. Please submit antenna specification for each antenna.

Question #5: The EUT photos show this device comes with two antennas. Please provide more information as whether two antennas can transmit/receive simultaneously or not, if it is for diversity, please provide mechanism to determine which antenna shall be activated. Please provide the updated operational description and block diagram (to show two antennas, two trains).

Best regards,  
Helen Zhao

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.