

Mike Kuo

From: Patrick Bowen [pbowen@kyocera-wireless.com]
Sent: Monday, February 07, 2005 9:52 AM
To: Chris Harvey -TCB
Cc: Chris Harvey; Mike Kuo; fcalimba@kyocera-wireless.com; cli@kyocera-wireless.com
Subject: RE: Kyocera Wireless Corp, FCC ID: OVFKWC-KE423, Assessment NO.: AN05T4489, Notice#1

Chris,

The radiated power measurements for the OVFKWC-KE423 were performed in a calibrated, fully anechoic chamber. The positioner that holds the EUT and the measurement antenna are always in the same fixed location within the chamber - the E-Field path is always constant. The calibration correction factors have been measured and stored in a look-up table for frequencies across the entire frequency band. This allows the ability to test many EUTs at a variety of channels without having to perform the antenna substitution method each and every time to determine the EIRP measurement results.

I hope this explanation answers your question sufficiently.

Best Regards.

Patrick Bowen

At 03:57 PM 2/5/2005 -0500, Chris Harvey wrote:

Pat,

Thank you for your reply. I have reviewed the information for the EIRP measurements in relation to the current FCC policy and previous communications with CCS and find that it can be an acceptable method of performing the tests. Please provide all of the factors used in making and correcting the measurements and a justification for the use of this measurement procedure. As I understand, this procedure has been used by you in the past and has been accepted by the FCC Laboratory personnel, which can be used as a means of justifying this procedure (which is a deviation from the EIA/TIA 603 procedure).

Please contact me if you have any questions.

Best regards,

Chris Harvey

Chris Harvey EMC Consultants, LLC

charvey@ieee.org

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2/15/2005

From: Patrick Bowen [<mailto:pbowen@kyocera-wireless.com>]
Sent: Wednesday, February 02, 2005 5:11 PM
To: Compliance Certification Services
Cc: charvey-tcb@ccsemc.com; MKUO@ccsemc.com; fcalimba@kyocera-wireless.com; cli@kyocera-wireless.com
Subject: Re: Kyocera Wireless Corp, FCC ID: OVFKWC-KE423, Assessment NO.: AN05T4489, Notice#1

Chris,

Thank you for your feedback on the OVFKWC-KE423 applications that have been submitted.

I have investigated the issues and have attached files with the responses to your questions.

Please let me know if you have any further questions or concerns.

Thank you again for your help.

Patrick Bowen

At 01:11 AM 2/2/2005 +0000, Compliance Certification Services wrote:

Dear Pat,

I have reviewed the application for the above referenced application and find that the following items need to be addressed in order to complete the processing of this application:

The Radiated Spurious Emissions and EIRP power measurements are to be measured using the Substitution Method of the EIA/TIA 603 standard. The test reports seem to document measurement methods that do not comply with the required measurement methods. Please provide compliance documentation using the correct Substitution Measurement Method. If you would like you can access FCC interpretations regarding this situation at these locations: <http://gullfoss2.fcc.gov/prod/oet/cf/kdb/forms/FTSSearchResultPage.cfm?id=20446&switch=P>
<http://gullfoss2.fcc.gov/prod/oet/cf/kdb/forms/FTSSearchResultPage.cfm?id=20445&switch=P>

Additionally, the Radiated Emissions reports document this device as an FCC Pt. 24 Subpart D (Narrowband PCS) device, when this should state 24 Subpart E (Broadband PCS). Because the reports need to be updated for the above issue, please correct these typographical errors.

It appears from the tabulated data that the SAR testing has been performed using only the model KE423 that has a Grayscale LCD. However, there are some SAR plots that indicate testing of the KX423 has been performed. The model KX423 uses a color LCD, which is a variant that, similar to a variation of battery architecture, would likely effect the SAR compliance (the LCD screen is against the cheek for the SAR test). Please provide additional justification of the reduced SAR compliance testing due to the 2 different LCD s or provide the compliance evidence of this optional LCD screen (KX423). Please note that there do not appear to be body SAR testing plots for the KX423.

Please submit an antenna specification for the antenna provided with this device.

Please contact me if you have any questions.

Best regards,

Chris Harvey
charvey-tcb@ccsemc.com

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.

Patrick Bowen

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