

Re: FCC ID -ETIIBR1
Applicant: Remington Arms Company, Inc.
Correspondence Reference Number: 29899
731 Confirmation Number: EA617491

This correspondence responds to the OET email sent to Asher Gendelman on November 3, 2005 at 12:12 PM. That email is reproduced below. That email made one observation and raised two questions. The observation was:

- 1) The requested output power was 1 Watt. The device was rated at 500 mW and was measured at 357 mW. The grant will be changed to reflect the measured power.

Thank you for notifying us.

The first question was:

- 2) The spurious emissions above 1 GHz have average limits and peak limits. Please amend the test report to show compliance with the peak limit of 74 dBuV/m. Also, amend the data table to include the appropriate cable losses, antenna factor etc... in order to obtain the final level from the levels shown in the plots. The plots show emissions above the limit but you do not show how you obtain the levels submitted in the data table.

We have obtained a table from the test lab that shows the peak measurements, cable losses, and antenna factor. That table was submitted using the "add attachment" feature of the OET EA website at about 2 PM on November 8th. The uploaded file is named "Correction_Factors.pdf" and contains a table that supplements the spurious emission results reported in section 3.6 of the test report. This file was inadvertently uploaded and labeled as "User's Manual." It was uploaded a second time and labeled "Test Report."

That table shows the peak measurements of spurious emissions as well as the cable loss and antenna factor associated with each measurement. This table supplements the spurious emission results reported in section 3.6 of the test report on the Eyeball R1.

Shown below is the text of an email from the test lab explaining the background of the data in this table.

We have examined the data in the table and determined that it matches the plots in the test report. For example, consider the first line from the new table—it reports a spur at 4824 MHz of 61.4 dBuV/m. Plots 22 and 23 of the original test report show a spur at 4831 GHz of 56.23 dBuV/m and 60.75 dBuV/m for horizontal and vertical polarization respectively. The automated test equipment identified a spur slightly higher (0.65 dB) and at a few MHz slightly different frequency than the spur identified in the manual scan. Similarly Plot 24 shows a 62.26 dB spur at 12.074 GHz; the new table lists a 62.8 spur at 12.07212728 GHz. Plot 24 also shows three other lower spurs that correspond to the spurs in the table at 7.246, 9.660, and 14.485 GHz. In a similar fashion, the peak measures in the middle section of the table match those shown in Plots 35 and 36; the peak measures in the highest section of the table match those shown in Plots 47 and 48.

Cover letter from the lab to us regarding this table.

From: Yossi.Zucker@ecitele.com [<mailto:Yossi.Zucker@ecitele.com>]
Sent: Tuesday, November 08, 2005 12:36 PM
To: itsik@odfopt.com; vitaly`
Subject: FW: FCC Equipment Authorization System

Dear Vitaly,
See below the data relating to the frequencies above 1GHz. Test results

("spurious values") in section 3.6 are corrected values (i.e measured value + cable loss+ Antenna Factor). The corrections were pre set into the EMI Analyzer, hence the readings without corrections are not available now. The plots provided on the test report (16 to 51) are informative scans of a wide frequency range with the Peak detector active. Therefore the emissions which were further zoomed and evaluated, indicate a more accurate value & frequency with 4 to 6 digits to the right of the decimal point. Hope the above clarification is sufficient. In case you have any further questions, please do not hesitate to contact.

Best regards,
Yossi Zucker
EMC & Product Safety Lab Manager
QualiTech, ECI Telecom
30 Hasivim St., Petah-Tikva 49517
Tel:03-926 8443, 052-398 2443
(See attached file: Correction factors.pdf)

Your second question was for information regarding how to change channels.

3) We have a sample here for testing; please submit instructions on how to change channels.

The channel change operation is effected by pushing channel button on the control unit. Each time the button is pressed the system advances to the next channel in the sequence 1, 2, 3, 4, 1, 2. . . etc. The unit boots up on channel 1. See the User's Manual, page 9, step 6. An updated User's Manual was uploaded today to the OET EA website.

Any questions, please don't hesitate to email or call.

Chuck Jackson
301 656 8716
clj@jacksons.net

Original email from OET below

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

From: Generic Office of Engineering Technology [mailto:oetech@fccsun27w.fcc.gov]
Sent: Thursday, November 03, 2005 12:12 PM
To: Gendelman, Asher
Subject: FCC Equipment Authorization System

To: Asher Gendelman, Remington Arms Company, Inc.
From: Diane Poole
Diane.Poole@fcc.gov
FCC Application Processing Branch

Re: FCC ID TII-EBR1
Applicant: Remington Arms Company, Inc.
Correspondence Reference Number: 29899
731 Confirmation Number: EA617491

1) The requested output power was 1 Watt. The device was rated at 500 mW and was measured at 357 mW. The grant will be changed to reflect the measured power.

2) The spurious emissions above 1 GHz have average limits and peak limits. Please amend the test report to show compliance with the peak limit of 74 dBuV/m. Also, amend the data table to include the appropriate cable losses, antenna factor etc... in order to obtain the final level from the levels shown in the plots. The plots show emissions above the limit but you do not show how you obtain the levels submitted in the data table.

3) We have a sample here for testing; please submit instructions on how to change channels.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days of the original e-mail date may result in application dismissal pursuant to Section 2.917 (c) and forfeiture of the filing fee pursuant to section 1.1108.

DO NOT reply to this e-mail by using the Reply button. In order for your response to be processed expeditiously, you must upload your response via the Internet at www.fcc.gov, Electronic Filing, OET Equipment Authorization Electronic Filing. If the response is submitted through Add Attachments, in order to expedite processing, a message which informs the processing staff that a new exhibit has been submitted must also be submitted via Submit Correspondence. 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.

This Email has been scanned for Viruses and Spam by an E500 McAfee Engine

This Email has been scanned for Viruses by an E500 McAfee Engine