

Mike Kuo

From: Kwon, James (Gunpo) [James.Kwon@sgs.com]
Sent: Wednesday, February 15, 2006 9:56 PM
To: Mike Kuo
Cc: Helen Zhao; Ham, Denny (Gunpo); Jeong, Feel (Gunpo)
Subject: RE: Midland Radio Corporation, FCC ID: MMALXT300, Assessment NO.: AN06T5503, Notice#1

Hi Mike,

Pls find my reply at below.

Thanks and have a nice day.

=====

James Kwon (james.kwon@sgs.com) / Wireless Division
Tel : 82-31-428-5740
Fax: 82-31-427-2370 Mobile : 82-11-9788-0485

SGS Testing Korea Co., Ltd. (www.sgstesting.co.kr)
Add: 18-34, Sanbon-Dong, Gunpo-City, Kyunggi-Do, Korea

=====

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

From: Mike Kuo [<mailto:mike.kuo@ccsemc.com>]
Sent: Wednesday, February 15, 2006 6:38 PM
To: Kwon, James (Gunpo)
Subject: FW: Midland Radio Corporation, FCC ID: MMALXT300, Assessment NO.: AN06T5503, Notice#1

Question #1: Emission designator is listed as 11K0F3E, please justify the necessary bandwidth by using Cardson rule (2M+2DK). Refer section 2.202 for guideline.

[James] We justified Emission designator, and we added this contents on item #13 of test report. Page number is changed accordingly. So I uploaded "revised 'test report, external photos, internal photos, and test set-up photo' " via your e-filing system.

Question #2: User Manual : Missing GMRS licensing information and this device is equipped with body worn accessories and face-held operation. By indicating the device needs to maintain 20 cm separation distance during normal operation can not be achieved by the user. Please consider to change / add the following statement in the user manual.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) this device does not cause harmful interference, and (2) this radio must accept any interference that may cause undesired operation.

Exposure To Radio Frequency Energy

To maintain compliance with FCC's RF exposure guidelines, for body-worn operation, this radio has been tested and meets the FCC RF exposure guidelines when used with Midland Radio Corp. accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. For best transmission result, always keep your mouth 2-3 inches from the microphone and speak slowly in a normal voice.

IMPORTANT NOTICE, FCC LICENSE REQUIRED FOR GMRS OPERATION

The LXT300 operates on GMRS (General Mobile Radio Service) frequencies which require an FCC (Federal Communications Commission) license. You must be licensed prior to operating on channels 1 - 7 or 15 - 22, which comprise the GMRS channels of the LXT300. Serious penalties could result for unlicensed use of GMRS channels, in violation of FCC rules, as stipulated in the Communications Act's Sections 501 and 502 (amended).

You will be issued a call sign by the FCC which should be used for station identification when operating the radio on GMRS channels. You should also cooperate by engaging in permissible transmissions only, avoiding channel interference with other GMRS users, and being prudent with the length of their transmission time.

To obtain a license or ask questions about the license application, contact the FCC at 1-886-CALL FCC or go to the FCC's website:
www.fcc.gov/wtb/prs/genmb1.html

2/16/2006

[James] We changed user manual accordingly, and uploaded also.

Question #3: In the EMC test report, only channel 17/GMRS with 1 W rate power and Channel 8/FRS with 0.5 W rate output power were selected during the tests. Since the measured ERP output power at channel 17/GMRS is 0.54W (ERP) which is higher than FRS allowed output power (0.5 W ERP), there is no evidence that this device can operate at all FRS channel. By reading the radio specification, during GMRS mode, there is low and high power setting to switch between GMRS and FRS mode. Please select one of channel between channel 1 to channel 7 with low output power setting to show FRS mode in channel 1 to 7 can comply with output power requirement.

[James] ch8-ch14 is used only for FRS purpose. The output power is fixed one, so if user select ch8-ch14, the output power goes into max 0.5W. Also if user select ch1-7 and ch15-22, the output power goes into max 1.0W. As you can see from "Radio specification" file, there is a frequency table, but we confirm that there is no switch function.

If this device can only channel 8 - 14 is designed for FRS operation but not any other channel, then you do not need to do additional tests and the grant will be listed as the following : Please confirm:

462.55- 462.7250 MHz, Part 95A, 0,54 W (ERP)

467.5625 - 467.7125 MHz, Part 95B, 0,275 W (ERP).

[James] Correct.

Best Regards

Mike Kuo

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.

Information in this email and any attachments is confidential and intended solely for the use of the individual(s) to whom it is addressed or otherwise directed. Please note that any views or opinions presented in this email are solely those of the author and do not necessarily represent those of the Company.

Finally, the recipient should check this email and any attachments for the presence of viruses. The Company accepts no liability for any damage caused by any virus transmitted by this email.

All SGS services are rendered in accordance with the applicable SGS conditions of service available on request and accessible at http://www.sgs.com/terms_and_conditions.htm