JB AS JA

Sherlock, Angie

From: Sherlock, Angie on behalf of Ban, John
Sent: Friday, March 05, 1999 9:21 AM
To: 'gtannahi@fcc.gov'
Cc: Sherlock, Angie
Subject: FW: FCC ID: BGBHS-U595

Dear Mr. Tannahill:

In reply to your below E-mail of February 16th, I have now received the test report page relevant to the non-compliant issues and would like to forward this information for your immediate review. However, I am unable to forward this test report page to your via your Internet Website, as per your below instructions.

It would be greatly appreciated if you could advise me of your direct fax number, so that I may attach the supporting documentation (test report page) for your review. If you could please advise me by E-mail reply, fax or telephone, it would be greatly appreciated.

Your kind assistance with this matter would be greatly appreciated.

EA92877
~~Cover letter~~
Test Report

Best regards,
John K. Ban, C.E.T.
General Manager
Product Safety Division
Mitsubishi Electric Sales Canada Inc.
Tel: (905) 475-7728, Ext 286
Fax: (905) 475-8013
E-mail: john.ban@mesca.mea.com

----Original Message----
From: oetech@fccsun07w.fcc.gov [SMTP:oetech@fccsun07w.fcc.gov]
Sent: Tuesday, February 16, 1999 11:33 AM
To: john.ban@mesca.mea.com
Subject:

To: John Ban, Mitsubishi Electric Sales Canada, Inc.
From: George Tannahill
gtannahi@fcc.gov
FCC Application Processing Branch

Re: FCC ID BGBHS-U595
Applicant: Mitsubishi Electric Corp
Correspondence Reference Number: 6127
731 Confirmation Number: EA92877
Date of Original E-Mail: 02/16/1999

1. The test report submitted shows non compliant Output terminal conducted spurious emission data. Please address this.
2. If question one can be acceptably addressed please clarify the receive and output frequency's to be listed on the grant.

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 1.1106.

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

MITSUBISHI ELECTRIC
SALES CANADA INC.
PRODUCT SAFETY DIVISION
4299, 14TH AVENUE
MARKHAM, ONTARIO
CANADA L3R 0J2

E-Mail Address: john.ban@mesca.mea.com
TEL: 905-475-7728, FAX: 905-475-8013

TO: Federal Communications Commission
ATT: Mr. George Tannahill, FCC Application Processing Branch
FAX:

REF: JB968
March 4, 1999

Pages: 1 / 2
cc:

SUBJECT: FCC ID No. BGBHS-U595,
per correspondence (E-mail) reference No. 6127

Dear Mr. Tannahill:

In reply to your E-mail of February 16th, I have now received the following information from our factory in Japan:

"The measured frequency in "Output Terminal Conducted Spurious Emission Measurement" is 4.6MHz or less or +7.4MHz or over from the Visual carrier frequency. The ranges of the measured frequency at the Test Channel #8 are 80MHz to 56.65MHz and 65.75MHz to 1000MHz.

When the image of the Aural carrier frequency is 56.75MHz, the level data of the measuring boundary frequency, 56.65MHz depend on the image of the Aural carrier frequency and the characteristics of the IF Filter band width of 30kHz reduced from 100kHz are also mentioned to show that the center frequency of the image of the Aural carrier frequency is out of the measurement band width.

The level data of 18.2dBμV at **56.65MHz and 193dBμV at **62.65MHz with IF Filter of 30kHz are mentioned on the page 33 of the test report (A-034-98-C). The level data are decreased considerably by reducing the IF Filter band width to 30kHz from 100kHz showing that center frequency is out of the measurement range. Therefore, we conclude there is no problem about the results.

Please refer to [Note] 2) in the page 34 (attach sheet 2 of 2)."

For your information, we have submitted previous applications using the same means of measurement as aforementioned, and FCC has accepted this procedure in the past.

Thank you very much for your kind assistance with this matter, and do not hesitate to contact the undersigned, should you require any further information or have any questions.

Best regards,

John K. Ban, C.E.T.
General Manager
Product Safety Division

JB/as

54-806 pg 33 per pg 34 of Test X of page

ENGINEERING TEST REPORT

- Continued -

[Environment]

Temperature : 22 °C Humidity : 63 %

[Note]

1) * : ① Playback mode
② Record mode (1V VITS Signal Input)
③ Record mode (5V VITS Signal Input)
④ Record mode (1V VITS Signal Input)
⑤ Record mode (5V VITS Signal Input)
⑥ Record mode (0 dBmV NTSC TV Signal Input)
⑦ Record mode (25 dBmV NTSC TV Signal Input)

2)** : To except the effect of lower sideband of sound sub-carrier frequency component, if set the resolution bandwidth of spectrum analyzer to 30 kHz, these interference become to this value.

3) The correction factor consist of the voltage loss of the impedance matching transformer and the coaxial cable used for the test. And the meter readings described above are corrected by the gain of pre-amplifier.

[Sample calculation]

Frequency	:	53.11 [MHz] (Test Channel #3)
Meter Reading	:	22.7 [dBμV/50Ω]
Correction Factor	:	2.3 [dB]

Then, the emission level is calculated as follows.

Signal Level = 22.7 + 2.3 = 25.0 [dBμV/75Ω]

[Summary of Test Results]

Minimum margin was 13.4 dB at 60.30 MHz, test channel #4.

Tested Date : October 26, 1998

Signature Y. Kotani
Yoshiko Kotani