

December 22, 1999

Federal Communications Commission
Authorization & Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046

Attention: Authorization & Evaluation Division
Applicant: ICOM INCORPORATED
Equipment: FCC ID: AFJIC-R8500
FCC Rules: Part 2.1043

Subject: Updated information for Class II Permissive Change

Dear Sir/Madam

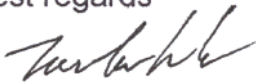
This device is certified under the scanning receiver.

In order to comply with new FCC scanner regulation, a permanently affixed warning label has been attached to the products as per FCC Part 15.121 (f)(1). Otherwise, the device is internally and electronically same to original device.

About test report requirement for at least 38dB image rejection of cellular service, the device was designed 1st local oscillator for impossible to receive Cellular image signals as showing attached copy

Therefore no cellular image test report can be provided

Best regards



Masaaki Takahashi
Manager, New Product Development

MT:sg

Masaaki Takahashi

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送信日時 : Tuesday, December 07, 1999 5:27 PM
件名 : EA95724 (AFJIC-R8500) for Permissive Change

Dear Mr. Fabina

I submitted AFJIC-R8500 scanning receiver for permissive change since the device is internally electronically same.

EA number for this application is EA95725

Basically Linda ask me to submit a letter stating the change and test data for at least 38dB rejection of Cellular image signals.

Please see Correspondence Reference Number 10438 and 10917.

However I have a difficulty supplying the test data

Because this device was designed NOT receiving cellular image signals as shown below

Please let me know how should I approach this subject

With Best Regards

Masaaki Takahashi
Icom America Inc

AFJIC-R8500 display frequencies and image frequencies are follows

- Display Frequency between 0.1MHz and 29.999999MHz

1st IF = 48.8MHz

1st LO = 48.9 - 78.799999MHz

The Image Frequency = 97.7 - 127.599999MHz

- Display Frequency between 30MHz and 499.999999MHz

1st IF = 778.7MHz

1st LO = 808.7 - 1278.699999MHz

The Image Frequency = 1587.4 - 2057.399999MHz

- Display Frequency between 500MHz and 1024.999999MHz (Less Cellular bands)

1st IF = 266.7MHz

1st LO = 766.7 - 1291.699999MHz

The Image Frequency = 1033.4 - 1558.399999MHz

- Display Frequency between 1025MHz and 199.999999MHz

Converter Method

Converter frequencies 500MHz

The Image Frequency = (-25) - (-199.999999)MHz

- Display Frequency between 1200MHz and 1989.999999MHz
Converter Method
Converter frequencies 1000MHz
The Image Frequency = 800 - 10.00001MHz
- Display Frequency between 1990MHz and 1999.999999MHz
Converter Method
Converter frequencies 1010MHz
The Image Frequency = 30 - 20.00001MHz