



Icom Inc.

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Date: February 10, 2012

**To Whom It May Concern**

Subject: Justification Letter

Applicant: Icom Incorporated  
Product: UHF H.H transceiver  
Model: IC-F4031S  
FCC ID: AFJ292701

Dear Sir/Madam

Icom understands the following Part 90 UHF spectrum, and would like the FCC to certify the entire 400 to 470MHz spectrum to include the part 90 extended frequencies. This would be done to facilitate the requirements of agencies covered under NTIA spectrum usage. Government agencies complying with the NTIA instead of the FCC must purchase their equipment from private industry manufacturers who are governed under FCC rules. The conflict in spectrum allocation detracts from the options available to the government agencies for commercial off the shelf equipment which meets their required specifications such as the requirements stated in the Department of Interiors Narrowband Digital Radio Contract.

Part 90 frequencies for UHF mobile transceiver.

406.1 ~ 410 MHz – Land Mobile - Part 90  
410 ~ 420 MHz – Land Mobile - Part 90  
450 ~ 454 MHz - Land Mobile - Part 90  
456 ~ 460 MHz - Land Mobile - Part 90  
460 ~ 462.5357 MHz - Land Mobile - Part 90  
462.7375 ~ 467.5375 MHz - Land Mobile - Part 90  
467.7375 ~ 470 MHz - Land Mobile - Part 90

Part 90 "extended" frequencies.

400~400.05 MHz - Part 25	420 ~ 450 MHz - Not for mobile device.
400.05~400.15MHz –	454 ~ 455 MHz - Part 22 or Part 80
400.15~401 MHz – Part 25	455 ~ 456 MHz - Part 74
401~406 MHz – Part 95	462.5375 ~ 467.5375 MHz - Part 95
406.0 ~ 406.1 MHz -	467.5375 ~ 467.7375 MHz - Part 95

Sincerely,

Icom Incorporated

Takayuki Watanabe

General Manager of Quality Department