



Microhard Systems Inc.

Leaders in Wireless Telecom

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Nov 4, 2009

FEDERAL COMMUNICATIONS COMMISSION

7435 Oakland Mills Road
Columbia, MD 21046
U.S.A.

Re: Extended Frequency
Applicant: Microhard Systems Inc.
Product: 400-480MHz OEM Narrowband Modem
Model: nL400
FCC ID: NS909P30

Dear Sir/Madam,

Microhard understands the following Part 90 spectrum, and would like the FCC to certify the entire 406.1 to 480MHz 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 manufactures that are governed under FCC rules. The conflict in spectrum allocation detracts from the options available to the government agencies for COTs commercial off the shelf equipment which meets their required specifications.

Part 90 frequencies

406.1 - 410 MHz
410 - 420 MHz
420 - 450 MHz (not for mobile use)
450 - 454 MHz
456 - 460 MHz
460 - 462.5375 MHz
462.7375 - 467.5375 MHz
467.7375 - 480 MHz

Part 90 extended frequencies

454 - 455 MHz Part 22, Part 80
455 - 456 MHz Part 74
462.5375 - 462.7375 MHz Part 95
467.5375 - 467.7375 MHz Part 95

Sincerely,

Hany Shenouda
Director of Engineering
Microhard Systems Inc.