

Wednesday, August 22, 2012

To: FCC Laboratory
7435 Oakland Mills Rd.
Columbia, MD 21046
USA.

RE: P5MRFI150H Extended Frequency Justification

Dear Sir/Madam

STI Engineering PTY LTD (incorporating RF Innovations) would like to submit the following justification to show the frequency range as 150 – 174 MHz on the Grant of Equipment Authorization for P5MRFI150H.

This frequency range is applicable to FCC Part 90 radiocommunications systems that would include federal and public agencies, emergency services, commercial, business and industrial services etc. These services account for the majority of users on this band (refer to the list below).

Frequency:	Application
150.05 – 150.8	Federal Government
150.8 – 156.2475	Part 90
157.1875 – 161.2475	Part 90
161.625 – 173.4	Federal Government and Part 90
173.4 – 174	Federal Government

Also the frequency of operation of the P5MRFI150H data radio cannot be programmed by operator to transmit on frequencies other than those programmed by service of maintenance personnel. From the FCC KDB634187 guide, it is noted that FCC rules would be violated if the P5mRFI150H equipment were programmed and operated on unorthorized frequencies.

Kind Regards



Matthew Spaapen
CEO

STI Engineering | Communications & Electronics Engineers
Incorporating RF Innovations