

P5MRFI148 4K86F1D Class 2 Change Extended Frequency Justification

Tuesday, November 5, 2019

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

Dear Sir/Madam

STI Engineering PTY LTD (incorporating RF Innovations) would like to submit the following justification to show the frequency range as 153.5 – 159.5 MHz on the 4k86F1D Class 2 change addition to the Grant of Equipment Authorization for P5MRFI148.

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
150.8 – 156.2475	Part 90
157.1875 – 161.2475	Part 90

Also, the frequency of operation of the P5MRFI148 paging transmitter cannot be programmed by the operator to transmit on frequencies other than those programmed by service or maintenance personnel. From the FCC KDB634187 guide, it is noted that FCC rules would be violated if the P5MRFI148 equipment were programmed and operated on unauthorized frequencies.

Kind regards,



Johan Svean
Managing Director

STI Engineering | Communications & Electronics Engineers
Incorporating RF Innovations
Office | 22 Boulder Rd, Malaga, Western Australia 6090
Telephone (Direct) | +61 8 9209 0902 Facsimile | +61 8 9248 2833 Mobile | +61 (0)405 480 078
Web | www.stiengineering.com.au