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## **Alinco Incorporated, Electronics Division**

### **Unity Extended Frequency Range – Contiguous Frequency Listing**

**DATE:** 2017-01-10

**FCC ID:** PH3DJ-AXD1

**Model:** DJ-AXD1

Dear Sir/Madam,

This equipment meets the requirements of the FCC Rules, Parts 90.203(e) and (g), as applicable.

Programming of this products transmit frequencies can be performed ONLY by the manufacturer or by service or by maintenance personal.

The operator can not program transmit frequencies using the equipment's external operation controls.

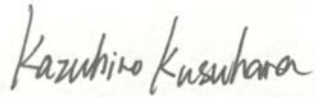
The **DJ-AXD1** use Digital modulation, modulation type is 4FSK, channel separation is 12.5 KHz, using lowest data rate 9.6kbps, equal with twice 6.25 KHz channel bandwidth, the minimum data rate is  $9.6/2=4.8$ kbps; meets FCC Part 90.203j(5) requirements.

This is the requirement to operate on the nationwide public safety interoperability calling channel.

| <b>Frequency range(MHz)</b> | <b>FCC Rule Part</b> |
|-----------------------------|----------------------|
| <b>136-150.8MHz</b>         | <b>For Federal</b>   |
| <b>150.8-152.855MHz</b>     | <b>FCC Part 90</b>   |
| <b>152.855-154MHz</b>       | <b>FCC Part 90</b>   |
| <b>154-156.2475MHz</b>      | <b>FCC Part 90</b>   |
| <b>155.7525 MHz</b>         | <b>FCC Part 90</b>   |
| <b>157.1875-157.45MHz</b>   | <b>FCC Part 90</b>   |
| <b>157.45-161.575MHz</b>    | <b>FCC Part 90</b>   |
| <b>161.755-161.9625MHz</b>  | <b>FCC Part 90</b>   |
| <b>162.0375-173.2MHz</b>    | <b>FCC Part 90</b>   |
| <b>173.2-173.4MHz</b>       | <b>FCC Part 90</b>   |
| <b>173.4-174MHz</b>         | <b>For Federal</b>   |

Sincerely yours,

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