

RCA Communications Systems

Unity Extended Frequency Range – Contiguous Frequency Listing

DATE: 2016-12-07

FCC ID: XYH-RDR2500V

Model: RDR2500V

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 **RDR2500V** 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.

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

Sincerely yours,

RCA Communications Systems

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A handwritten signature in black ink, appearing to read "Veronica Garcia".

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