

## Repeater Mode Statement

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To whom it may concern:

For our blow product:

FCC ID: RAQLYAE

Product Name: Two-way radio, Model No:R500

The repeater function is described as below:

The radio has 8 repeater duplex channels as below:

CH	Frequency	Code	Type
15R	462.5875	ANY	RX GMRS
	467.5500	ANY	TX GMRS
16R	462.5750	ANY	RX GMRS
	467.5750	ANY	TX GMRS
17R	462.6000	ANY	RX GMRS
	467.6000	ANY	TX GMRS
18R	462.6250	ANY	RX GMRS
	467.6250	ANY	TX GMRS
19R	462.6500	ANY	RX GMRS
	467.6500	ANY	TX GMRS
20R	462.6750	ANY	RX GMRS
	467.6750	ANY	TX GMRS
21R	462.7000	ANY	RX GMRS
	467.7000	ANY	TX GMRS
22R	462.7250	ANY	RX GMRS
	467.7250	ANY	TX GMRS

When in repeate mode, device will transmit speech to other stand-alone repeater use Tx frequency, and receive the speech from stand-alone repeater by Rx channel, for example when in CH 15R, the transmit frequency is 467.5500MHz, and the receive frequency is 462.5875MHz.

When in repeate mode, the transmit circuit and parameters as power, modulation type are same with normal mode. Just have different transmit frequency and receive frequency. The maximum duty cycle is 50%

Yours sincerely,



*Signatory*

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