

Correspondence Summary
July 20, 2012

Per FCC Part 95.29(b)
Test Laboratory Response

Dear TCB:

Please see the following reply for this question.

Well, our KG-833 can work with repeaters, the transmit frequency can be set different from the receive frequency. The channels setting are all programmed via matching software.

For example, if the repeater with Transmit frequency 462.5500mhz, 5MHz offset frequency, plus + shift direction, and the CTCSS code is 103.5Hz. As long as the radio programmed as follow via programming software, then it can communicate with the repeater.

Please find the attached JPG photo for the proprogramming software.

Note: the software KG-639E is same with KG-833, they are compatible.

The radio's Receive (RX) frequency 462.5500 is the Transmit (TX) frequency of the repeater, and its Tx frequency = Rx frequency + 5MHz(offset frequency) = 467.5500MHz, QT/DQT (CTCSS) code is 103.5.

You can also set the other channels listed in the manual in this way, the KG-833 can be communicated with the above repeater.