VK3RCQ repeaters
Junortoun, Bendigo.

Elevation 225 metres.
latitude -36.782   longitude 144.343

VK3RCQ VHF

Freqency 147.325 MHz down, 147.925 MHz up.
Mode: VK DMR Network.

Equipment:
> Radio Motorola SLR8000
> Cavities Telewave
> Antenna Diamond X3000 at 11 metres. Gain 6db @ 144Mhz

VK3RCQ UHF

Frequency 438.850 MHz down, 431.850 MHz up.
Modes: FM,VK DMR, BM DMR, dStar, YSF, and M17.
AllStar and Echolink linked to FM.

Equipment: Radios up   Icom IC 2800
>   down   Kenwood TMD 710
> Controller Raspberry Pi 3B with (V3F4) Stm32 repeater board hat.
> Cavities Telewave
> Antenna Diamond X3000 at 11 metres. Gain 9db @ 440 Mhz

Operation:
> FM Tone squelch 91.5.
> VK DMR all talkgroups plus, BM DMR talkgroups are user activated dynamic talkgroups.
> Unlinks after 15 minutes idle.
> dStar idle state unlinked. Defaults to REF 23C. Unlinks after 15 minutes idle.
> YSF Linked to YCS Australian Fusion backbone. ycs505.xreflector.net/ycs/
> M17 connected to the M17 Gateway.

AllStar link 55783
Echolink VK3RCQ-R

The Repeater controller is a modified version of MMDVM host to cater for the inclusion of M17 the repeater controller board V3F4 are available from.   https://www.bi7jta.org/

Both repeaters are running through their own set of duplexers and into a diplexer running on the same antenna.