

Ballarat

Council Discussions

Discussions with Jane Verdoon from the Ballarat Shire council indicated that the council would be willing to pay \$1-\$3K p.a. in running costs for an SBS FM radio service. They indicated that the coverage area of interest was the city region only.

List of Potential Sites

High Power Solution

Broadcast Australia Site at Lookout Hill.
Datafast Tower at Mt Warrenheip
Radio Ballarat Tower at Mt Warrenheip

Low/Medium Power Solution

Enforcement Building
Phoenix Centre
Works Depot Tower
Waste and Horticultural

Preferred Site

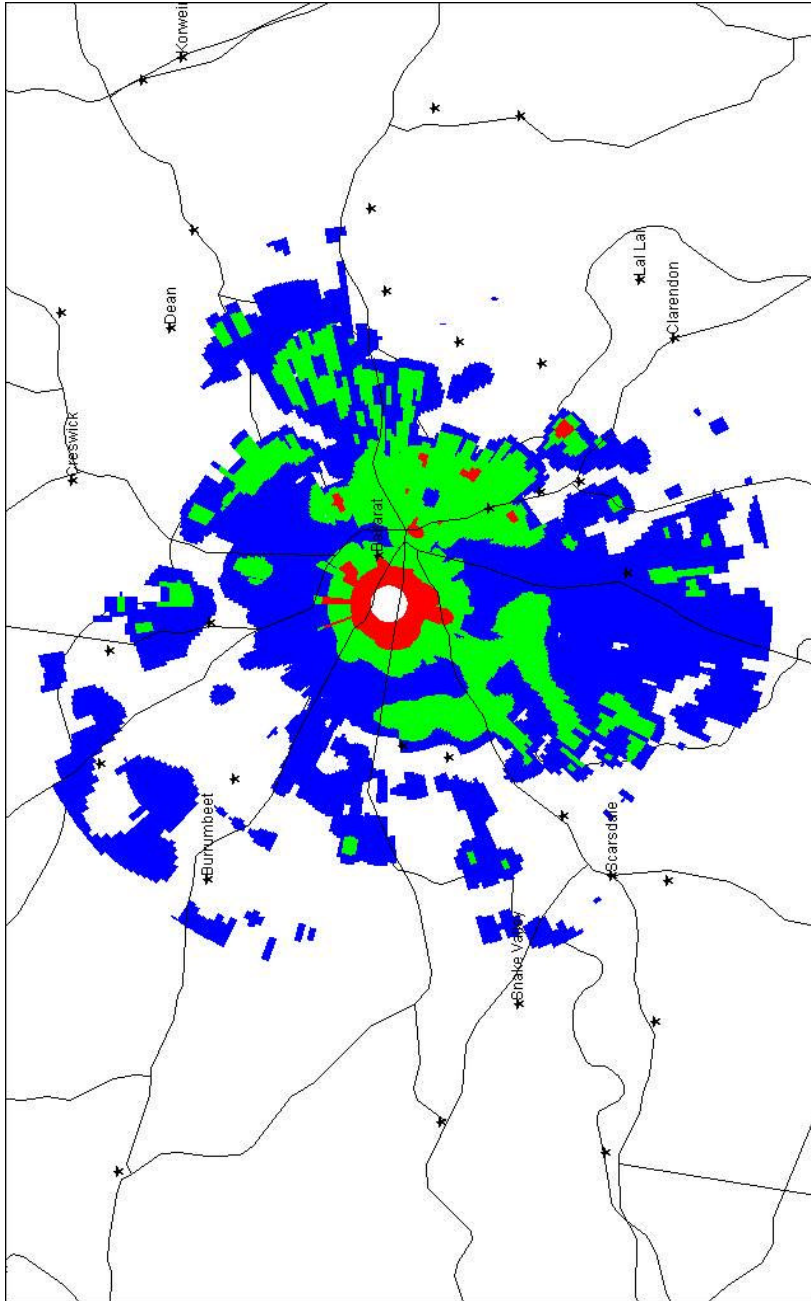
It is unlikely that a medium or high power site will be available. Therefore the preferred site is at the council owned enforcement depot. The site has a thin steel pole and is in an industrial area on the outskirts of Ballarat. The equipment can be located within the depot. A vertically polarised transmission with ERP of 200W and an omnidirectional pattern will give a suburban grade of service to most of the Ballarat metropolitan area. The remainder of the metropolitan area will be supplied a rural grade of service. See attached coverage map. The coverage map was produced using Pathloss 4.0 prediction software and Auslig 9 second terrain data.

250W Stereo Transmitter
Vertical Dipole antenna
Satellite antenna
Satellite Decoder
Mounts etc
Cable and connectors
Racking
Pole structural assessment
Alignment and Installation₁

1: Onsite install only. No travel costs included.



Enforcement Depot Pole



Coverage Map