

Wangaratta

Council Discussions

Discussions with Neil Taylor from the Wangaratta Shire council indicated that the council would be willing to pay up to \$2000 p.a. in running costs for an SBS FM radio service. They indicated that the coverage area of interest was the city region only however they indicated that there is a lot of ethnic population in the regions of King Valley and Myrtleford in the neighboring Alpine Shire which is not part of this evaluation.

List of Potential Sites

High Power Solution

Combination of Broadcast Australia Sites at Mt Major and Mt Baranduda.

Commercial FM site on Fire Tower at Mt Stanley

Community FM site at Mt Stanley

WIN TV Microwave site at Taminick Gap

Low/Medium Power Solution

Broadcast Site at Ford St. Wangaratta

Water Tower Wangaratta

Council Office Wangaratta

Council Works Depot Wangaratta

Preferred Site

It is unlikely that a medium or high power site will be available. Therefore the preferred site is at the Wangaratta Water Tower. The equipment can be located within the

Water Tower?????. A vertically polarised transmission with ERP of 200W and an omnidirectional pattern will give a urban grade of service to most of the Wangaratta town

area. The remainder will be supplied a suburban and 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.

Cost Estimate

250W Stereo Transmitter \$7500

Vertical Dipole antenna \$250

Satellite antenna \$600

Satellite Decoder \$500

Mounts etc \$2000

Cable and connectors \$400

Racking \$600

Pole structural assessment \$1300

Alignment and Installation 1

\$5000

1: Onsite install only. No travel costs included.