

Information for a Satellite Dish Installer to re-point your Satellite dish

The BFBS customers satellite dish is currently aligned to EutelSat W3A @ 7 degrees East. **It requires re-pointing to EutelSat W2A at 10 degrees East**

Note: The BFBS signal level from W2A is the same or greater than that from W3A and therefore the existing dish size is adequate and will not be required to change

BFBS W2A Satellite Footprint



You are required to:

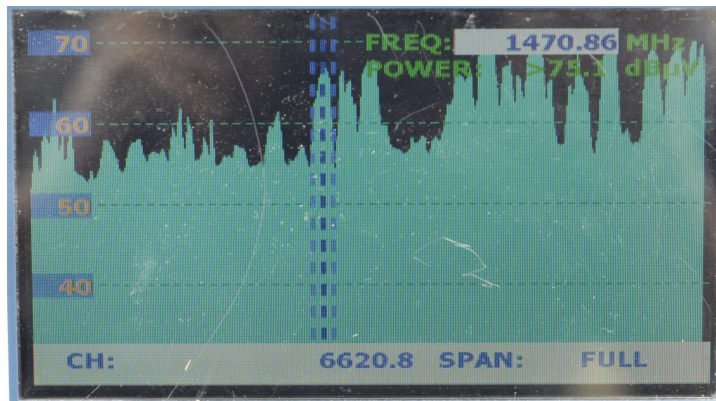
- Confirm that reception is possible using the existing dish i.e. it is able to be re-pointed to W2A without obstruction

Azimuth and Elevation information for any location can be obtained at <http://www.dishpointer.com> . Enter you location information in the first box, and select 10E EUTELSAT W2A in the drop-down list

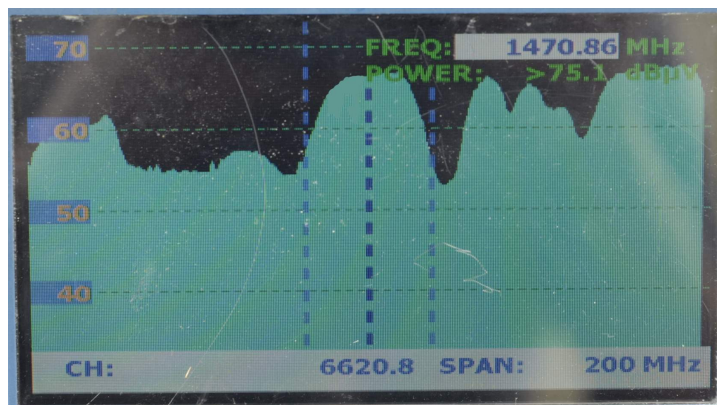
More specific technical details are:

- The Low Noise Block (LNB) is to be a Universal LNB with an LO of 9.75GHz.
- The satellite is EutelSat W2A at orbital position 10° East:
- Transponder C1
- Downlink frequency is **11221 MHz** (11.220833 GHz to be exact)
- Symbol Rate is **27500** (27.5 Megasymbols/sec)
- FEC is Auto (if not Auto then it is now $\frac{3}{4}$)

- Vertical Polarisation



Wideband (1200MHz) trace showing the L band image and with the BFBS signal marked



Narrowband (200MHz) trace showing the L band image and with the BFBS frequency marked – 1470.8 MHz using an LNB with an LO of 9.75 GHz

Additional information:

- **It is important that the satellite signal is present at the receiver input prior the unit being turned on.** Also, the services are encrypted and the customer has, or will be, issued with a BFBS smart card that must be inserted in to the unit