

NAS OPTUS AURORA C1 DISH POINTING GUIDE

Step 1. Assemble Dish & Mount on Pole.

Step 2. Connect DSD910 satellite decoder to TV

Connect DSD910 satellite decoder to TV set – see UEC manual (page 8)

Step 3. Connect Cable from LNB to DSD910 satellite decoder

Connect RG 6 cable from DSD910 satellite decoder to LNB on satellite dish – see UEC manual (page 8 – 14)

Step 4. Configure signal detection on DSD910 satellite decoder

- Press **MENU** button on UEC remote control
- Select **advanced options** then press **OK** button
- Select **signal detection** Press **OK** button

Step 5. Refer to Maps for direction and elevation of Dish

Refer to Maps (pages 2 & 3) for Direction & Elevation of Dish

Use Course Tune bar graph to locate and 'Peak' Satellite dish
Adjust the dish for maximum levels Approximately 85% - 90% are excellent levels

Please Note:

Look for the words "Aurora Optus C1 @ 156°E" above the bar graph- this indicates the correct satellite has been found.

Aurora Optus C1 @ 156°E



When Satellite I.D "Aurora Optus C1@156°E" appears and approximately 70% signal level is achieved, go on to the next step.

Step 6. Fine tune LNB with satellite decoder



Press **DOWN ARROW/CURSOR** to view the Fine Tune screen / bar graph.
Use Fine Tune bar graph to adjust LNB clockwise or anti-clockwise till maximum level on bar graph. Approximately 90% - 95% are excellent levels

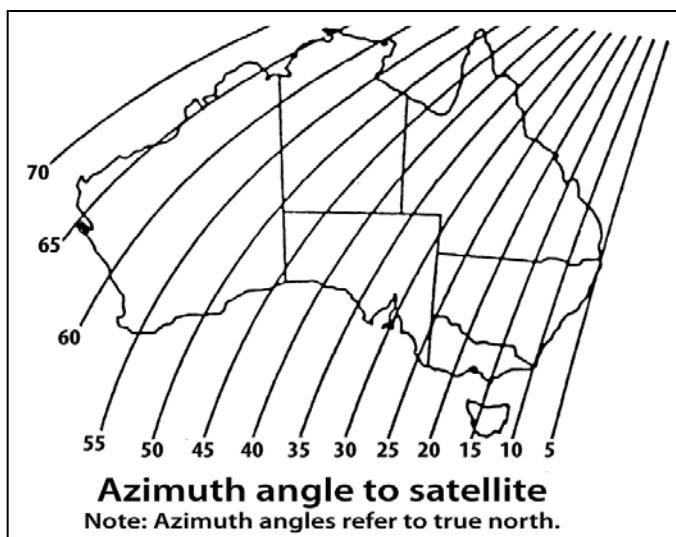
Aurora Optus C1 @ 156°E



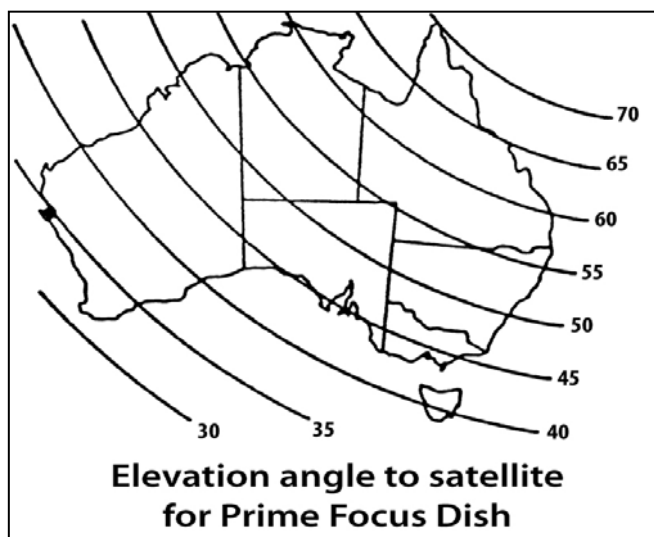
Step 7. Complete scan and activate smart card

Press **EXIT** button on UEC remote once.
 Select change dish installation, Press **OK**
 Press **9 9 4 9** buttons on remote control, Pin code 9949
 Select Tune & Rescan, Press **OK**
 Once the scan is completed, Insert smart card in decoder then
 call 1300 301 681 to activate the smart card.

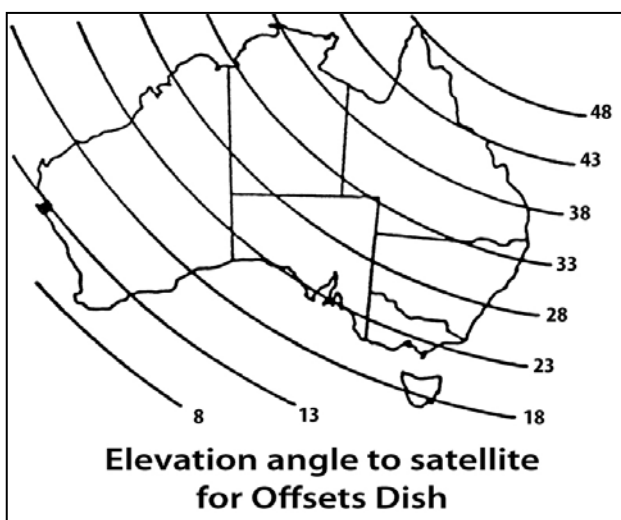
Example 1.	Example 2.
Location: Broken Hill	Location: Longreach
Dish Type: Offset 	Dish Type: Prime Focus (Old AUSTAR/BMAC dish) 
Elevation Angle: 28° up from horizontal (refer to map 3)	Elevation Angle: 60° up from horizontal (refer to map 2)
Azimuth Angle: 26° East of True North (refer to map 1)	Azimuth Angle: 30° East of True North (refer to map 2)
If using a magnetic compass then minus the magnetic correction (refer to map 4) of approximately 8°	If using a magnetic compass then minus the magnetic correction (refer to map 4) of approximately 8°
$26^\circ - 8^\circ = 18^\circ$ East of Magnetic North	$30^\circ - 8^\circ = 22^\circ$ East of Magnetic North



Map 1.



Map 2.



Map 3.

MAP 4 Magnetic variation from True North

