

# XXXX XXXXXX: Head end

Wright's Aerials (01709) 813419 (07860 610519) <i>The professional approach to RF distribution</i>	
Job: XXXXXXXXXXXX	
This drawing: Head-end	
scale:	date: 31/03/0X
file: Head end XXXXXXXXXXXX	ww
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**UHF off-air reception**  
The aerial positioning is highly critical, apparently due to tree screening. In June 200X the aerial was relocated to avoid a 16dB null on ch46. Aerial output was then +9 to 11dBmV on all the analogue channels. The mux on ch55 is only just above threshold.

**Signal input for DTT receivers**  
Note that this is before the TCFL6. The DTT signals are borderline and the slope across each cluster caused by the TCFL is undesirable.

**Signal level adjustment procedure**  
Leave the gain of this amp at max. Initially set all TCFLs to max then use the equaliser and adjustment of the five final amps to obtain the correct level for the weakest channel. Then use the TCFLs for fine adjustment. TCFLs should not need more than a few dBs of reduction. This method should ensure levels at this point do not drop below +6dBmV.

