

If the dish has to go on the back of the house on a north-west facing wall, how long will the mast need to be?

This diagram lets you work out the approximate mast height necessary for the signals to clear the roof. The mast height is related to the 'depth' of the building.

One thing is for sure, if you put a dish of any kind any significant distance above the wall brackets the brackets and the mast must be very strong. Normal thin-wall TV aerial mast is not usually suitable. Instead consider an aluminium scaffold tube. Really strong brackets are needed (double up if necessary) and the wall fixings must be good. It's surprising what force the wind will exert on a dish that's just above the edge of the roof. Don't try this with a dish bigger than 65cm. Don't try it at all unless you really know what you're doing.

