

W255BO WQOR 90w H and 180w V Composite Antenna Description

This proposal is for a composite antenna consisting of 2 Scala CA2 style antennas, one polarized vertically and one polarized horizontally. Here is the antenna layout:

1. One Scala CA-2V (FCC pattern 16130) pointed at 100 degrees true north. This is a vertical only antenna and the ERP on this antenna will be 180 watts.
2. One Scala CA-2D (FCC pattern 16126) pointed at 210 degrees true north. This is a horizontal only antenna and the ERP on this antenna will be 90 watts.

This translator will incorporate a 66.6/33.3 splitter in the transmission line prior to the antennas.