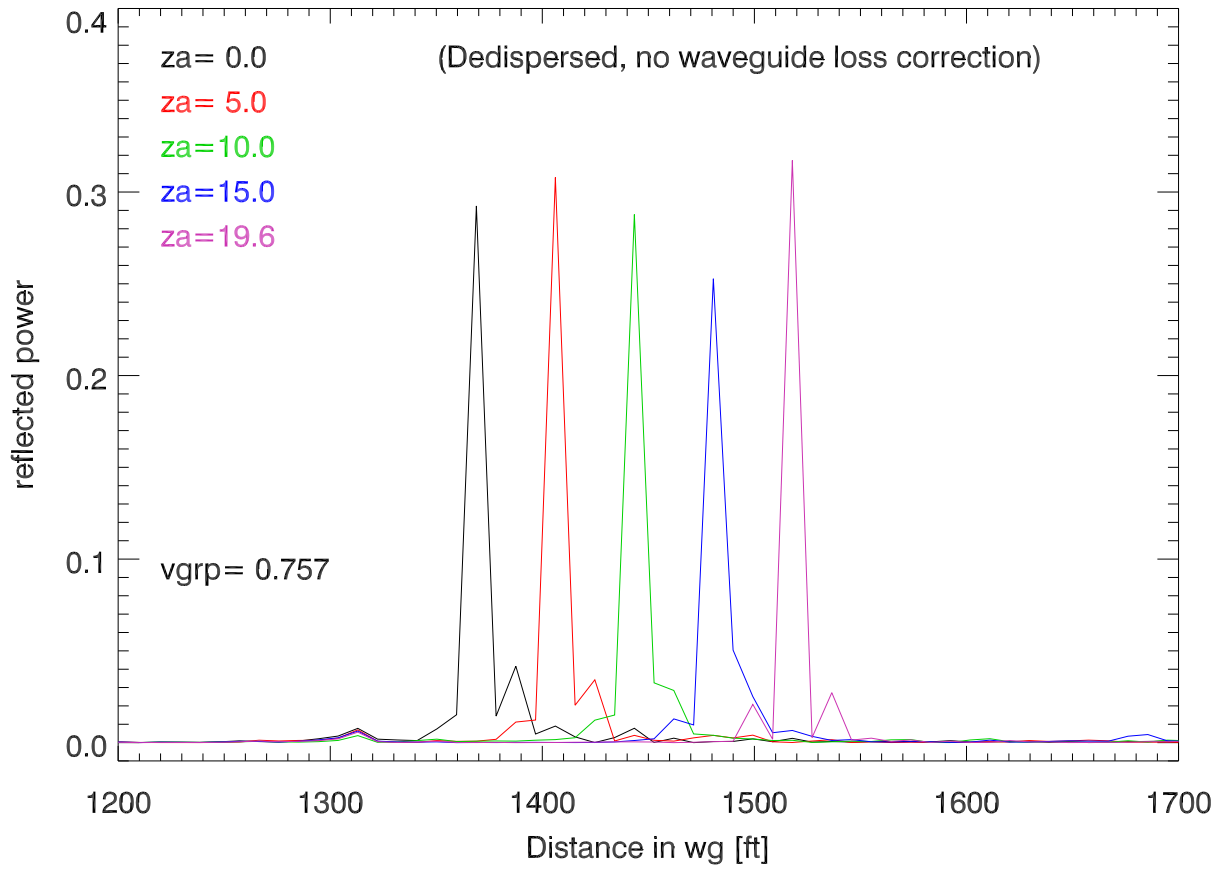
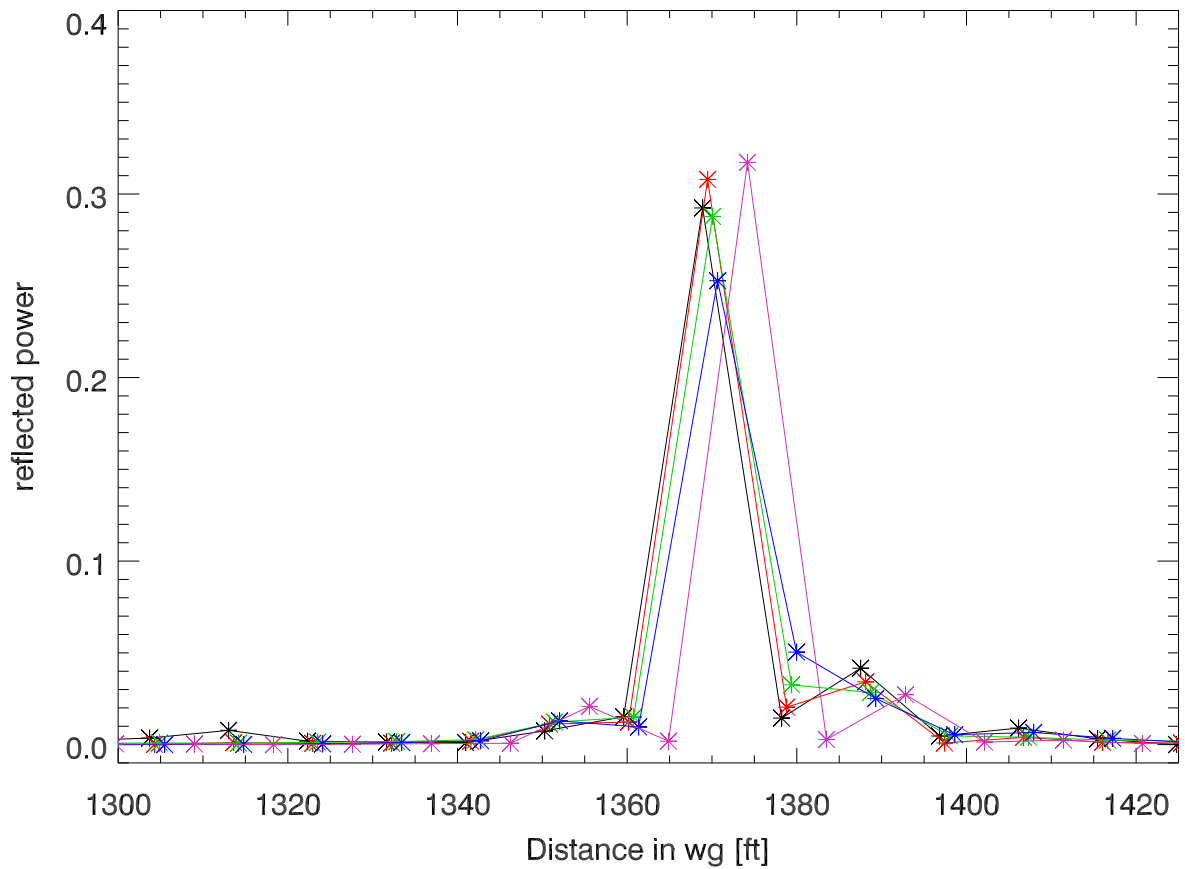


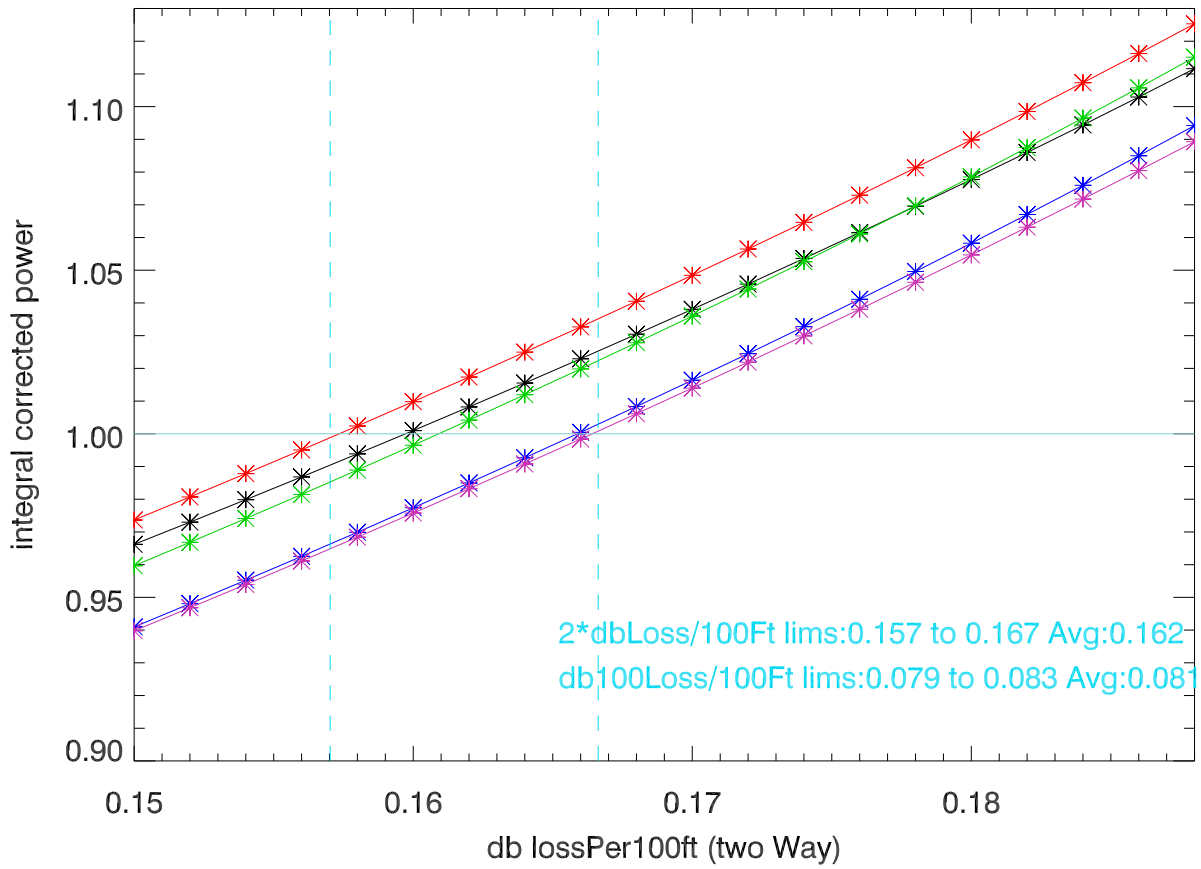
reflected power at short for 5 zas



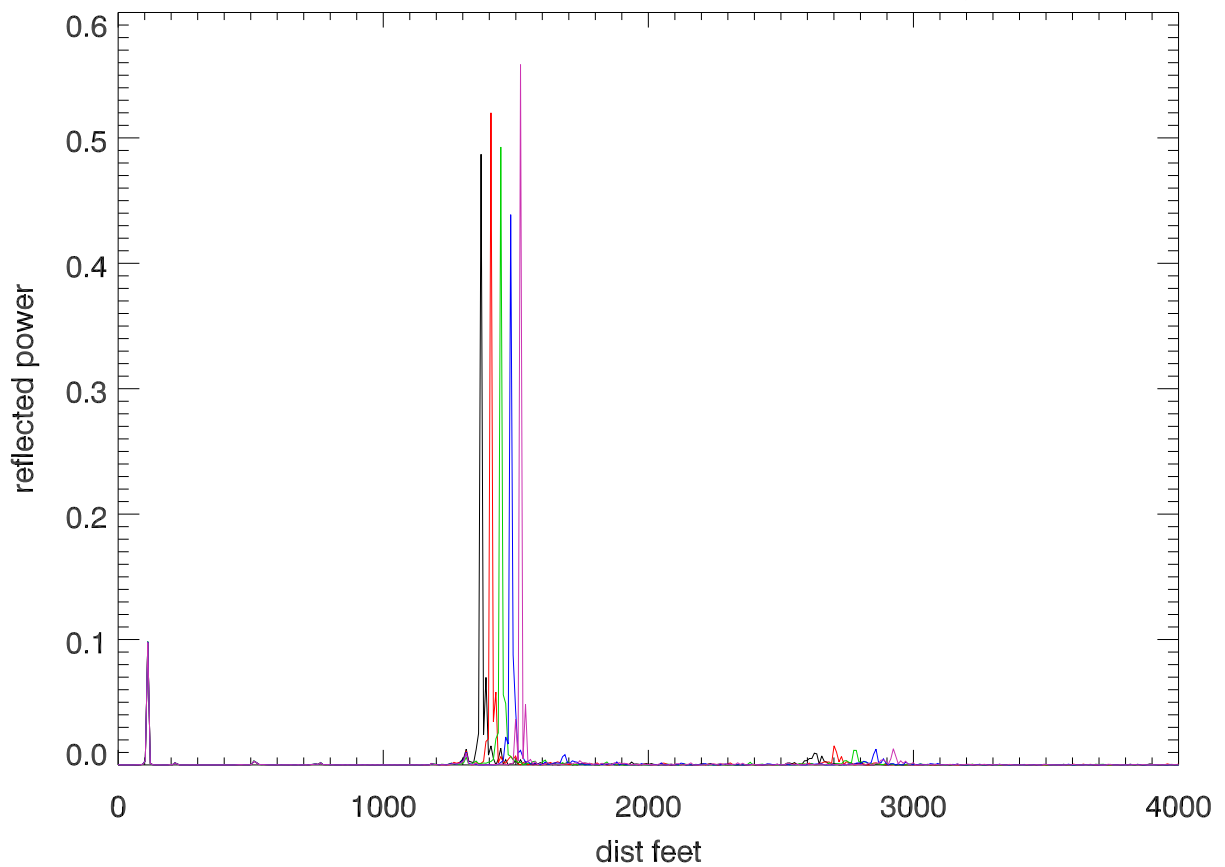
Shift each za to za=0 using $R \cdot \theta$ za distance



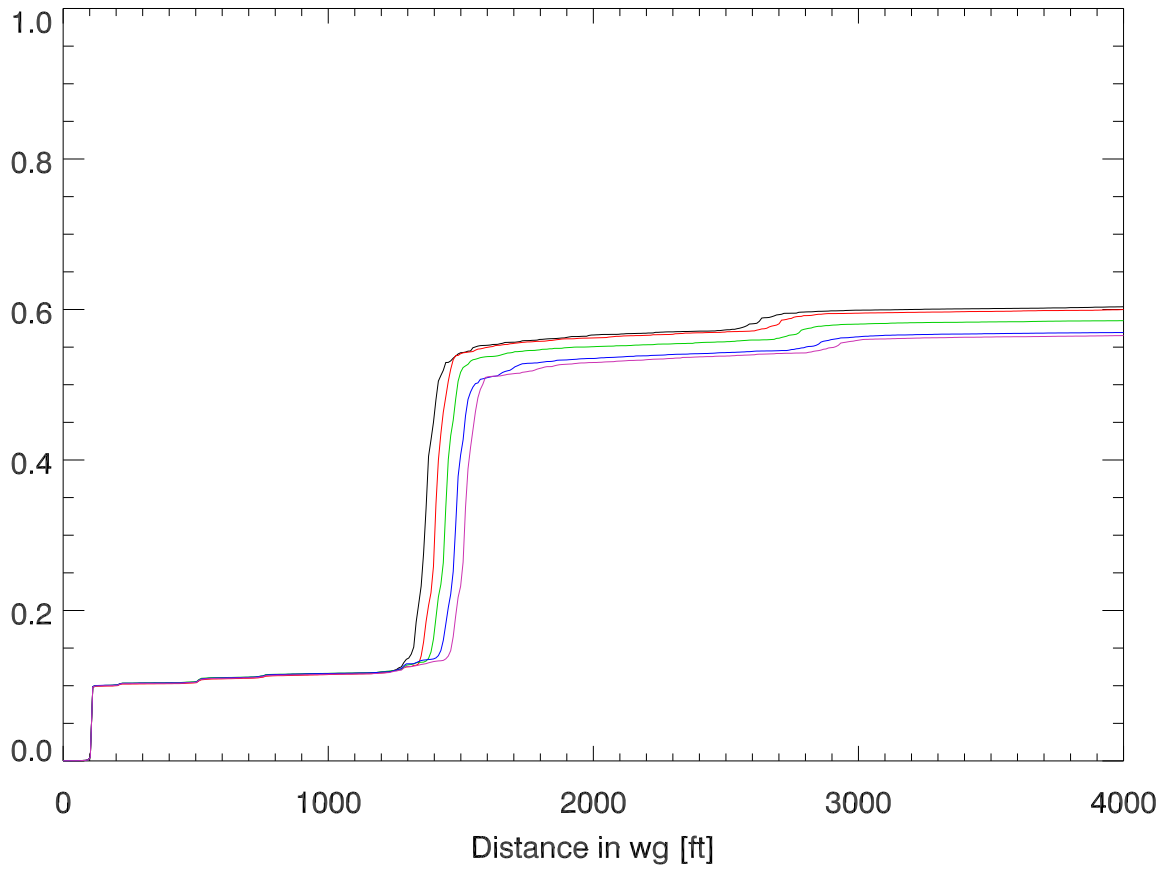
integral of reflected power corrected for loss. vgrp=0.757



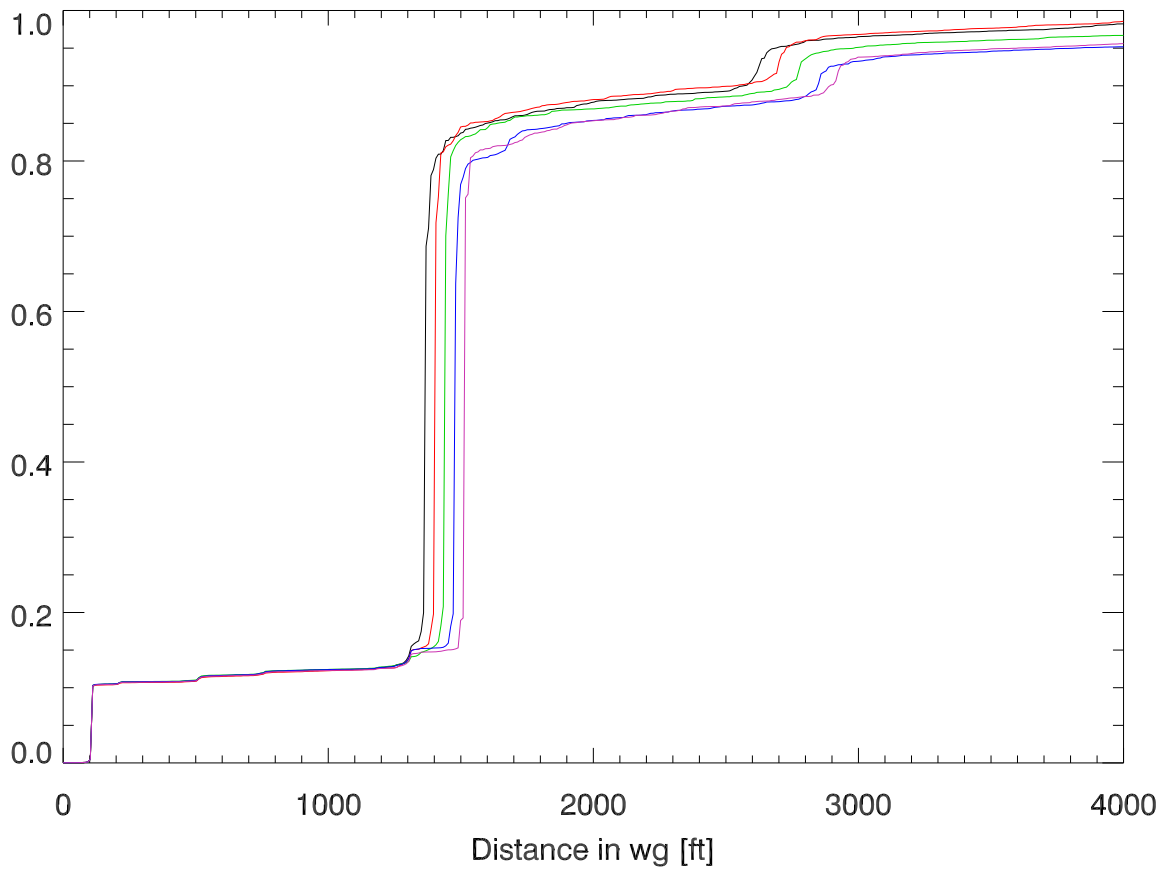
reflected power vs distance corrected for waveguide loss



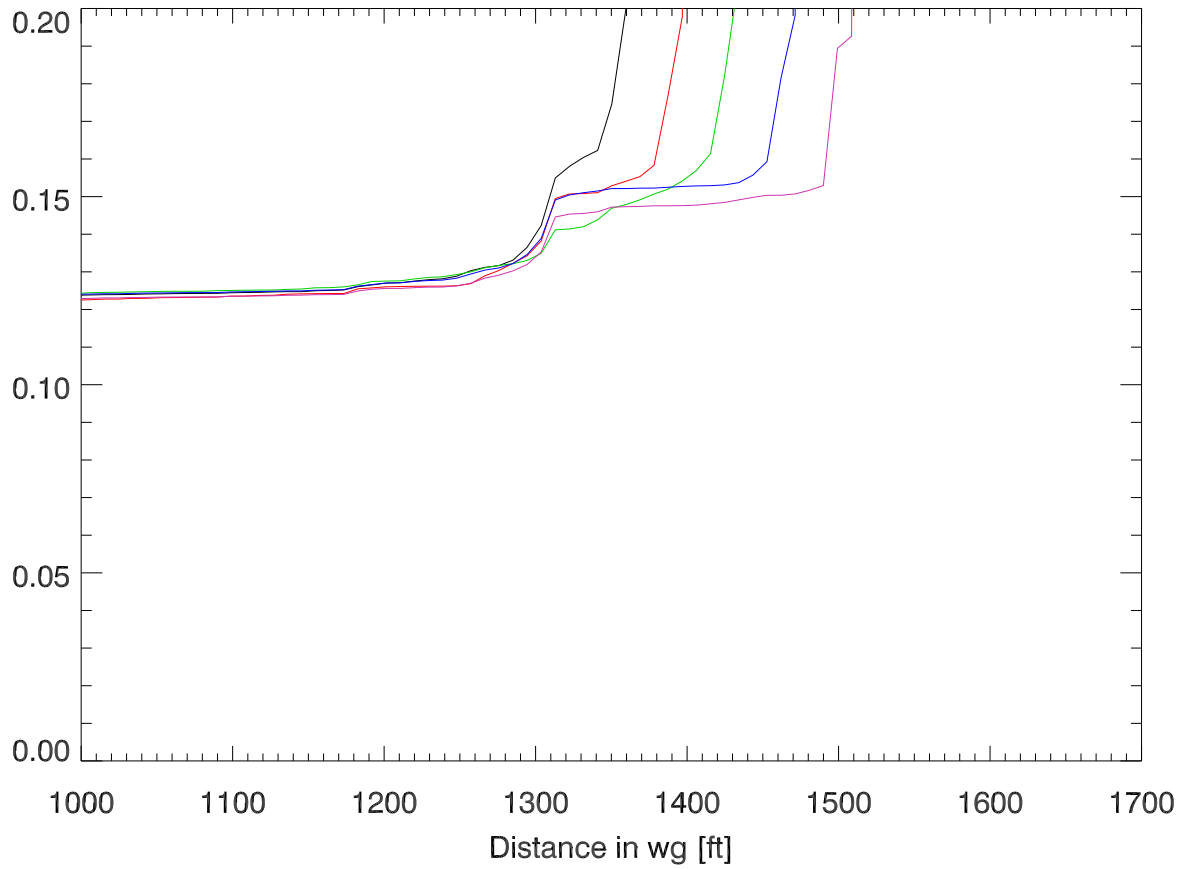
Cumulative reflected power vs distance (no correction)



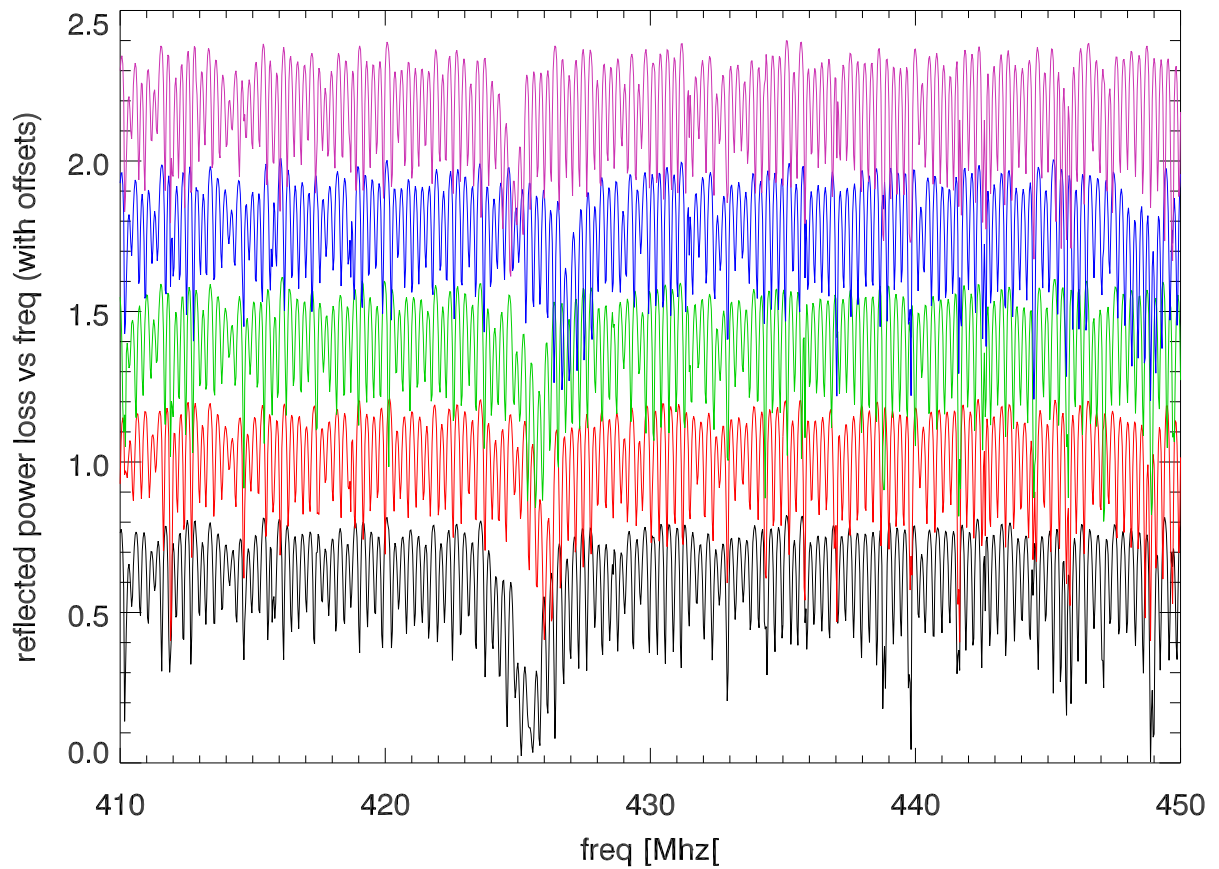
Cumulative reflected power vs distance (Corrected)



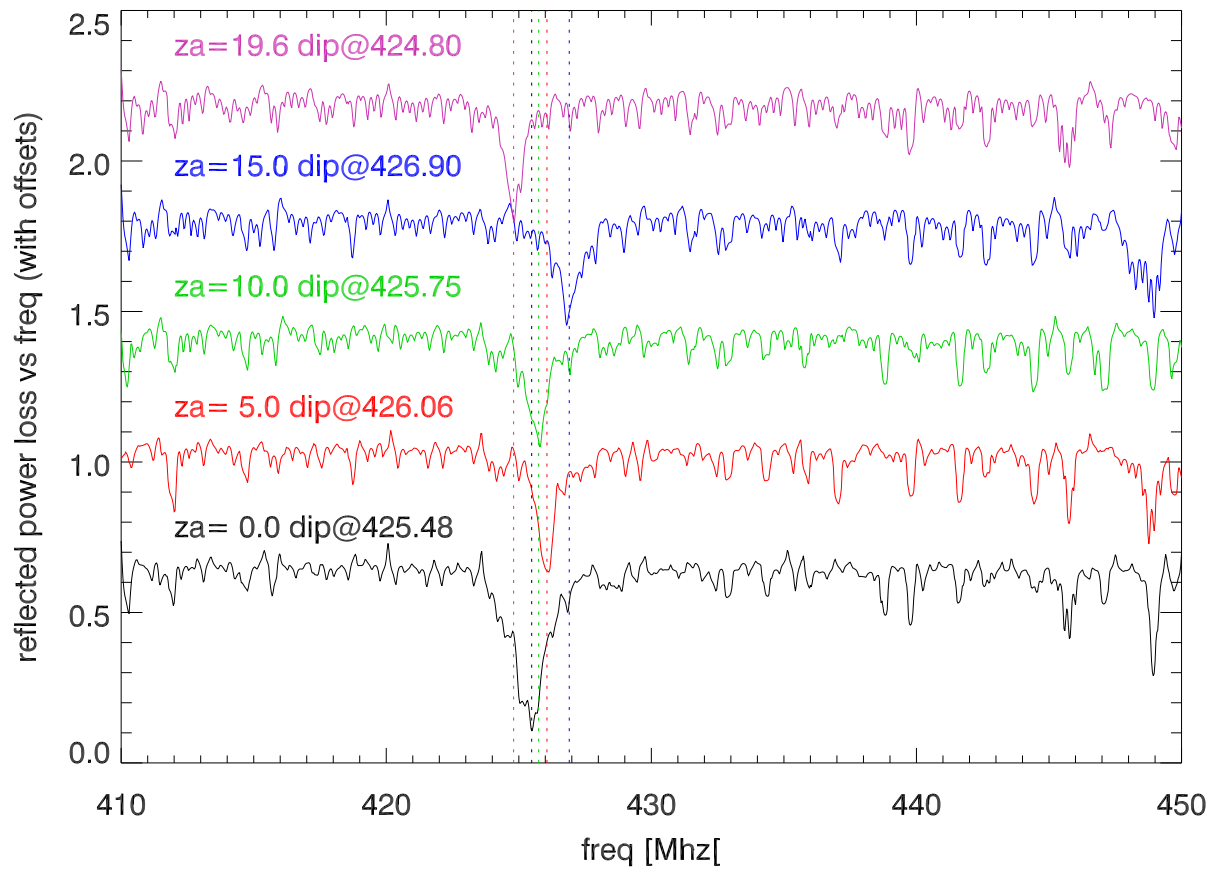
Cumulative reflected power vs distance (Corrected)



uncorrected reflected power vs freq (with offsets)



smoothed to remove 1400 foot reflection



@za=0, 3.7% of power lost in dip