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To: Deuterium Array Group

From: Alan E.E. Rogers

Subject: Expected D1 line profiles from Galactic anti-center

Using the method described in memo #52 I have plotted the expected line profiles for the array beams pointed at l = 171,183 and 195 degrees. The following assumptions are made:

 T_R = receiver noise = 40K T_{spin} = spin temperature = 130K Spatial distribution of continuum 50% in front of H1 50% behind H1

