Sonic tilt angles and w offsets

I ran the function plot.tilt() for the period 6/22 16:00 to 6/29 16:00 to calculate preliminary sonic tilt angles and w offsets by the planar fit technique.

	w-offset (cm/s)	lean angle (deg)	lean azimuth (deg, instrument coordinates)
stn 1			
stn 2	-1	0.7	132.6
stn 3*	-3	1.2	46.0
stn 4	-1	1.5	54.8

*analysis starts 6/23 16:05 when sonic was replaced to switch fast hygrometers

Entered these values in the CWEX sonic cal_files in the flow_normal directory.