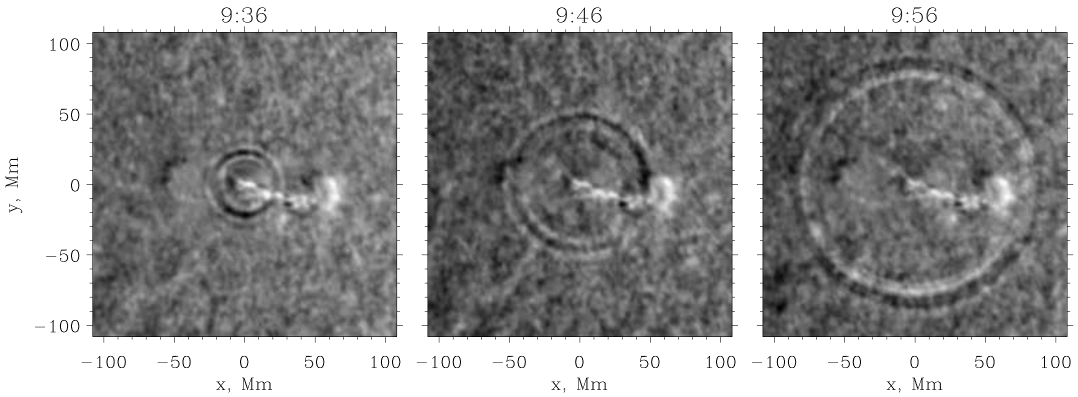

Figure 4: Remapped and filtered Dopplergrams at 9:36, 9:46, and 9:56, after 25, 35 and 45 min after the X-ray flare. The flare signal was extracted from the first three components ($m = 0, 1$ and 2) of the azimuthal Fourier transform by applying a 5-min wide Gaussian filter along the time-distance ridge of Fig. 2a. Then the signal combined from these three components was multiplied by a factor 4 to enhance it, and superimposed on the remapped Dopplergrams.

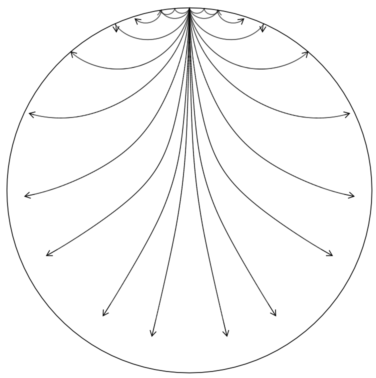

Figure 5: Samples of theoretical ray paths of the acoustic waves excited by flare and propagating through the solar interior 1h30m after the flare.