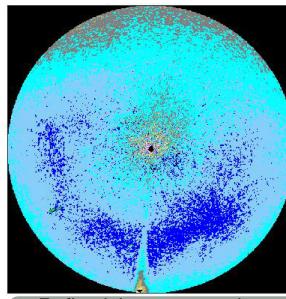
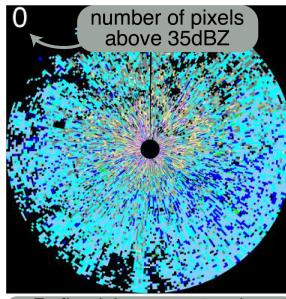
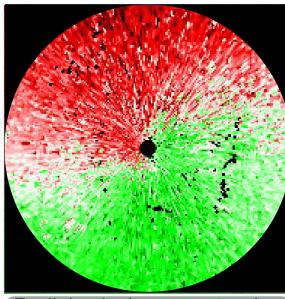
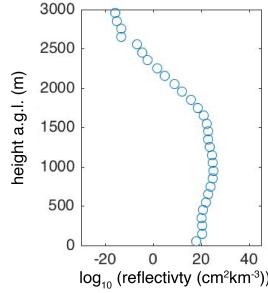
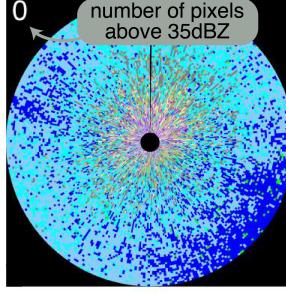
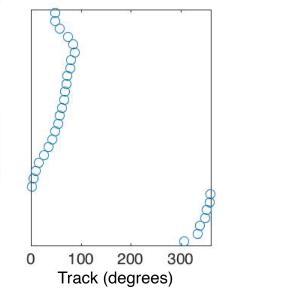


**A**

## Case of bird migration

Station ID : Date: Time (UTC)

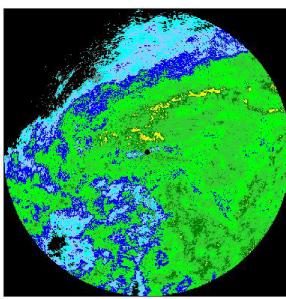
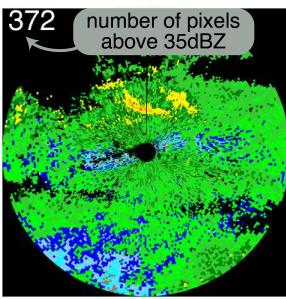
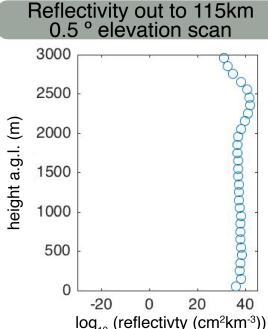
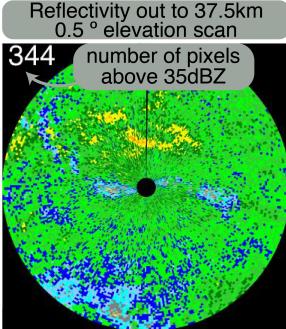
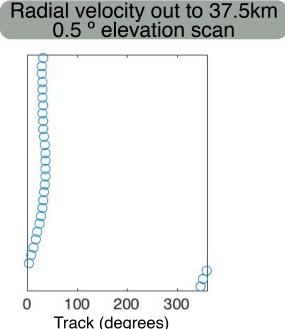
KBGM 04/15/2017 02:34:25

Reflectivity out to 115km  
0.5 ° elevation scanReflectivity out to 37.5km  
0.5 ° elevation scanRadial velocity out to 37.5km  
0.5 ° elevation scanVertical profile of reflectivity  
with 37.5kmReflectivity out to 37.5km  
1.5 ° elevation scanVertical profile of track  
within 37.5km**B**

## Case of precipitation contamination

Station ID : Date: Time (UTC)

KBGM 05/15/2012 03:01:39

Reflectivity out to 115km  
0.5 ° elevation scanReflectivity out to 37.5km  
0.5 ° elevation scanRadial velocity out to 37.5km  
0.5 ° elevation scanVertical profile of reflectivity  
with 37.5kmReflectivity out to 37.5km  
1.5 ° elevation scanVertical profile of track  
within 37.5km**Fig. S8. Composite images used for classifying radar scans containing precipitation.** Panels show example cases of (A) bird migration and (B) precipitation contamination.