



Supplementary Figure S1. (a) Before attenuation correction of X-band radar reflectivity at 07:28 a.m. (UTC+8) on July 17, 2021, (b) S-band radar reflectivity, (c) the XACL method, (d) the Z_H method correction, and (e) Z_H - K_{DP} comprehensive correction; radar reflectivity at 2° elevation PPI.