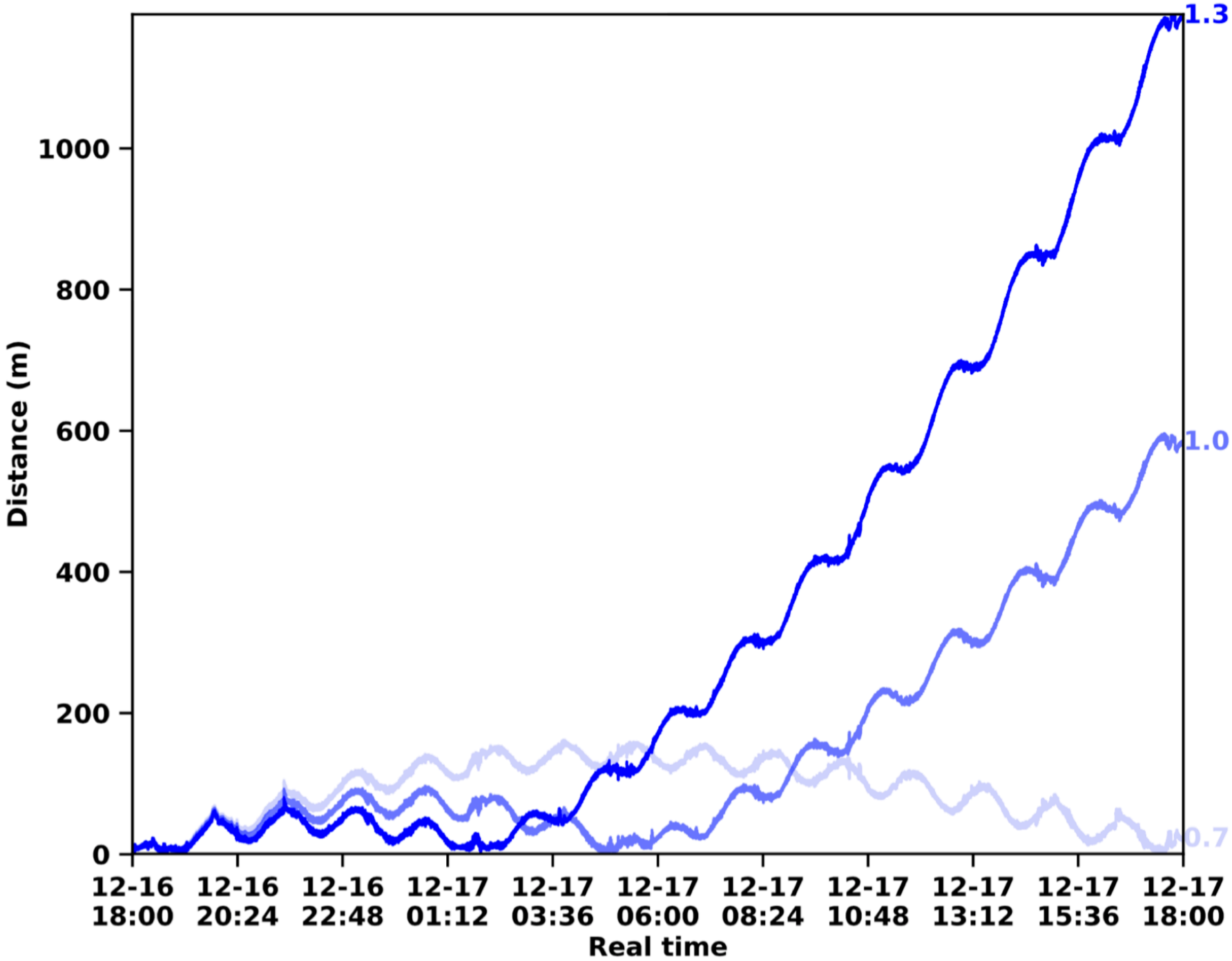
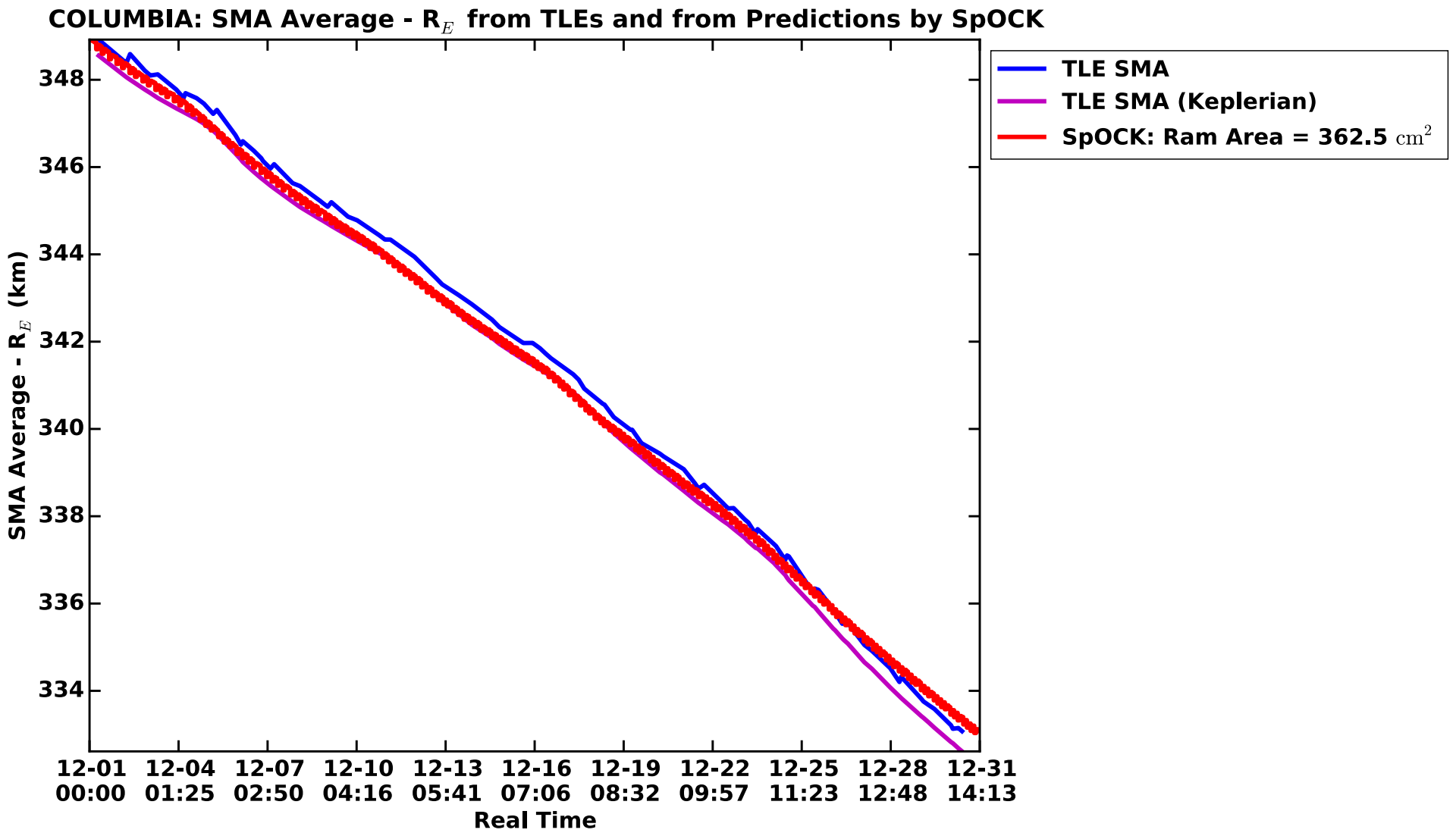

1.3
1.0
0.7
1000
800
600
400
200
0
Distance (m)
12-16 18:00
12-16 20:24
12-16 22:48
12-17 01:12
12-17 03:36
12-17 06:00
12-17 08:24
12-17 10:48
12-17 13:12
12-17 15:36
12-17 18:00
Real time


COLUMBIA: SMA Average - R_E from TLEs and from Predictions by SpOCK
TLE SMA
TLE SMA (Keplerian)
SpOCK: Ram Area = 362.5 cm^2
SMA Average - R_E (km)
348
346
344
342
340
338
336
334
12-01 00:00
12-04 01:25
12-07 02:50
12-10 04:16
12-13 05:41
12-16 07:06
12-19 08:32
12-22 09:57
12-25 11:23
12-28 12:48
12-31 14:13
Real Time