

Supporting Information for ”Wavelet Analysis of Differential TEC Measurements Obtained Using LOFAR”

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Introduction

Text S1. The observation IDs for the data used to calculate the correlation length in Figure 9 are: L602940, L602970, L603070, L604224, L604722, L630658, L744918,

L745188, L786475, L790068, L789324, L790178, L791254, L792076, L801816,
L801926, L802410, L803694, L803824, L804798, L808146, L811288, L811452,
L812434, L819280, L819340, L819372, L820504, L820604, L822252, L823232,
L824812, L828148, L828158, L829010, L829518, L829710, L830336, L830486,
L830566, L830836, L830846, L831758, L831888, L833228, L834448, L834478,
L834498, L834766, L835002, L835505, L836881, L836951, L837193, L837649,
L839766, L841072, L841106, L841120, L841150, L842960, L843406, L843436,
L844976, L845540, L845696, L846194, L846804, L847478, L847806, L847926,
L847996, L855756, L855766, L857418, L2002832, L2003417, L2004032, L2005450,
L2005829, L2006166, L2006476, L2006681, L2006951, L2006979, L2007162,
L2007632, L2007660, L2007754, L2007898, L2008202, L2008235, L2009185,
L2010879, L2010930, L2011432, L2011642, L2012304, L2012814, L2014884

Movie S1. The detrended differential TEC measurements from all remote stations and one core station (CS001HBA0) covering the time period in which the waves are clearly apparent. Values are mapped to the ionospheric pierce point assuming an altitude of 350 km.