

NOV 07, 2022



WORKS FOR ME

O Detection of Equatorial Plasma Bubbles

DOI

dx.doi.org/10.17504/protocols.io.rm7vzbb12vx1/v1

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COMMENTS 0

ABSTRACT

Slant Total Electron Content values from Global Navigation Satellite System are used to detect the Equatorial Plasma Bubbles in the Ionosphere.

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dx.doi.org/10.17504/protocols.io.rm7vzbb12vx1/v1

PROTOCOL CITATION

swapna.karnam 2022. Detection of Equatorial Plasma Bubbles. **protocols.io** https://dx.doi.org/10.17504/protocols.io.rm7vzbb12vx1/v1

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Citation: swapna.karnam Detection of Equatorial Plasma Bubbles https://dx.doi.org/10.17504/protocols.io.rm7vzbb12vx1/v1

CREATED	
Nov 05	, 2022
LAST MODIFIED	
Nov 07, 2022	
PROTOCOL INTEGER ID	
72326	
1	Download GPS data from SOPAC website in RINEX format
2	Data is converted from RINEX to .cmn format using GPS TEC software
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_	
3	Calculate ROT and ROTI
4	Difference between Evening ROTI and Day time ROTI is calculated
5	If the difference exceeds 0.05, then Equatorial Plasma Bubble is Detected