



Declaration of Category A Non-professionally Installed CBSD Geo-location and Reporting Capability Compliance

Date: 11 November 2022

Company: Casa Systems, Inc.  
100 Old River Road  
Suite 100  
Andover, MA 01810

Re: FCC ID: 2AO385G2101-48

Apex Enterprise Femto (B4/B13/B66 plus N48/N77) model: 5G2101-48 Category A CBSD Self-Location Update Compliance

The unit has integrated GPS receiver and GPS antenna to get precise horizontal location within 50m range and has built-in high precise barometric sensor to measure the real time environmental air pressure to calculate the altitude within 3m range with the calibration of real-time sea-level air pressure from national wide air pressure stations. Both horizontal and altitude positions information update rates is 10s. If the location changes exceeding 50 meters horizontal and  $\pm 3$  meters elevation from its last reported location, the unit will report to SAS of location change within 50s.

The unit complies with FCC 47 CFR part96.39(a)(3) A non-professionally installed CBSD must check its location and report to the SAS any location changes exceeding 50 meters horizontal and  $\pm 3$  meters elevation from its last reported location within 60 seconds of such location change.

Sincerely,

*Benjamin Perreault Jr.*

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Senior Test Engineer, Compliance

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