

Geolocation General Description

HPE ARUBA NETWORKING (Grantee Code: Q9D) Standard Power Access Points (6SD) automatically determine their geolocation based on measurements obtained by an internal Global Navigation Satellite Services (GNSS) receiver system embedded within each 6SD. These measurements may be compared with and validated against local radio measurements among proximate 6SD devices under the control of a common management system.

For each such 6SD, methods are employed within the common management system under whose control it operates for securely collecting and processing these measurements to determine automatically and with a confidence level of at least 95% the geographic location of each 6SD within a bounded area of uncertainty. Each 6SD performs these measurements periodically to allow its geolocation to be confirmed automatically at least daily and after any power cycle operation.

The geographic location of each 6SD is updated and communicated securely to the AFC System in the Location field of each Available Spectrum Inquiry Request. This request occurs daily and after any power cycle operation that results in a change in the detected geolocation. HPE's method for 'Geolocation Accuracy after a Power Cycle' operation is detailed in the Geolocation Justification Report.

Therefore, we attest, that we generate location uncertainty with 95% confidence, and that AFC confirmations are performed daily and after a power cycle.