Post-Installation (As-Built) Report for Host Site

To complete the installation process, this document must be filled out and submitted to the FSM work order, including all required installation photos and screenshots. A photo of this document is acceptable.

WiFi Speed Tests

A mobile device with WiFi must be used to perform the testing. List the brand and model of the phone used for WiFi speed testing (ex. Samsung Galaxy S10):

Conduct Wi-Fi speed tests using the app Ookla Speed Test. Conduct three tests at each location specified and document in the table below. Take screenshots of one test result from each of the three locations and include in the deliverables (three screenshots total):
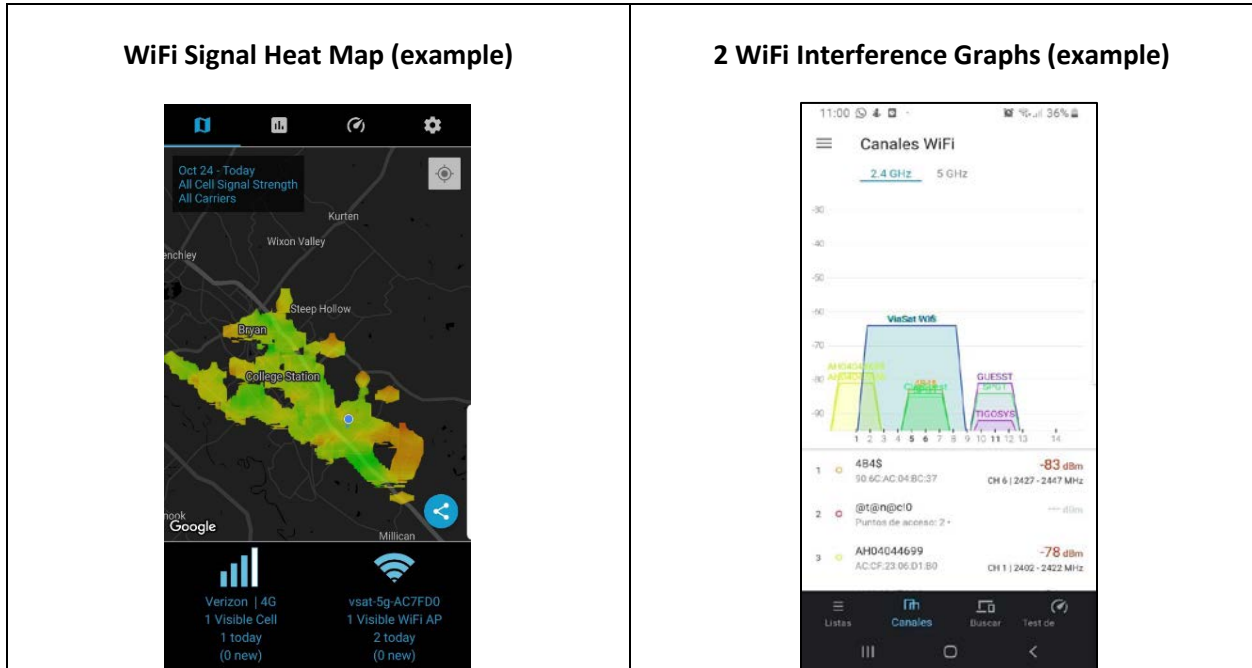
Location	Speed Test No	Download Speed (Mbps)	Upload Speed (Mbps)	Was there line of sight from the test location to the AP?
POS Location Inside Building	1			N/A
	2			N/A
	3			N/A
10 meters from AP (Outside of Building) *Note requirement below*	4			
	5			
	6			
50 meters from AP (Outside of Building)	7			
	8			
	9			

NOTE: If the download speed at the 10 meter location is below 9 Mbps or upload speed is under 2 Mbps, there may be an issue with the installation. Verify the setup is installed per the specifications. Installer Relations (Support) must be contacted if the issue cannot be resolved.

Wi-Fi Signal Tests

Using the app "Coverage", create a WiFi signal heat map of the site by mapping a 100 meter radius of the site as well as interference graphs for **both 2.4 and 5 GHz** using the "WiFiman" (on laptops use WiFi Analyzer) app at 10m from the AP with direct line of sight to the AP.

Upload screenshots with the deliverables. Below are examples of what the screenshots should look like.

WiFi Signal Heat Map (example)	2 WiFi Interference Graphs (example)

Troubleshooting/Install Issues

Please describe any unexpected issues experienced during installation and/or suggestions for improvement on training documentation:

Installation is not considered complete until all the requested documentation has been submitted and approved by the Installer Relations (Support) Team.

Upload Documentation

Complete the documentation process – upload this document (a photo of this document is acceptable) and all photos and screenshots to the work order no later than one work week from completion. It is acceptable to Zip files together.

List of Required Photos and Screenshots for the Installation Report:

A. **Antenna Installation & Cable Runs**
   1. Antenna Mounting Base (close)
   2. Antenna front view
   3. Antenna side view
   4. Cable point of entry to building
   5. Grounding connection at footplate
   6. Grounding block with drip loops
   7. View of line of site to satellite
   8. External Cable Runs (including drip loops)
   9. Internal Cable Runs

B. **Serial Numbers and Mac Addresses**
   1. Access Point
   2. Network Controller
   3. Modem
   4. UPS (Serial Number only)
   5. POS / Tablet (Screenshot from Settings)

C. **Internal Equipment: Point of Sale (POS), UPS, Modem & Cable Runs**
   1. UPS and Modem
   2. Point of Sale location
   3. Indoor Cable Runs

D. **Controller and Access Point Installation & Cable Runs**
   1. Zoom Out (far away, showing top of pole, building, and ground)
   2. Picture(s) from install location showing line of sight to community
   3. Up front showing NC and AP and clearly showing any drip loops
   4. Mounting structure (showing how it is fixed to building)
   5. Outdoor cable runs (including drip/service loops)
   6. Grounding attachment to pole
   7. Grounding block and rod (if used)

E. **Marketing**
   1. Overview of the store front from outside (approximately 5 to 10 m)
   2. Outdoor trade marketing materials (example: flange, banner, A-Frame)
   3. Indoor marketing material (example: poster, banner)
   4. Marketing Material at POS

F. **Agreement**
   1. Signed Installation & Training Agreement (photo or scan of agreement is acceptable)

G. **Screenshots:**
   1. WiFi Signal Heat Map (1 screenshot)
   2. WiFI Interference Graph 2.4Ghz (1 screenshot)
   3. WiFi Interference Graph 5Ghz (1 screenshot)
   4. Speed Tests (three total; one screen shot from each of the three locations)