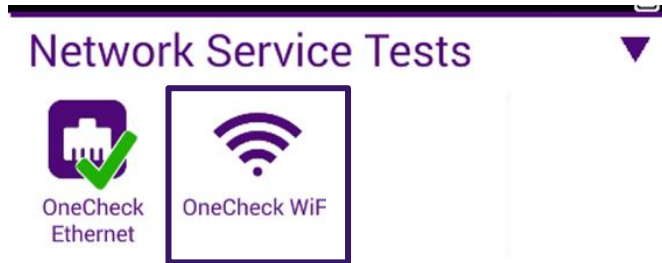
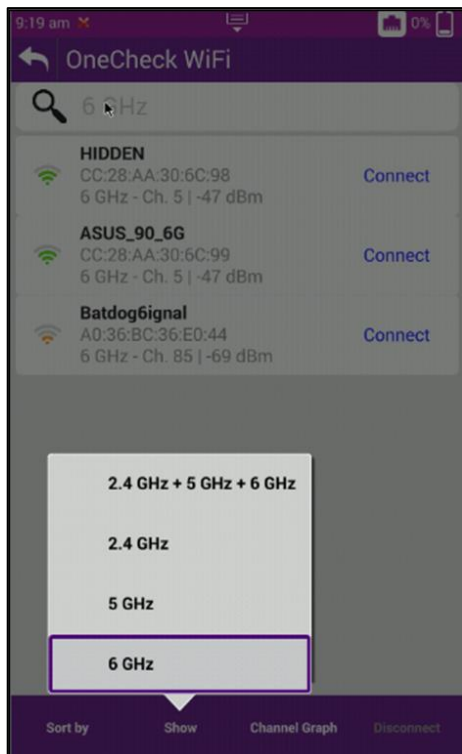


## WiFi support for WiFi 5, 6, 6E and 7

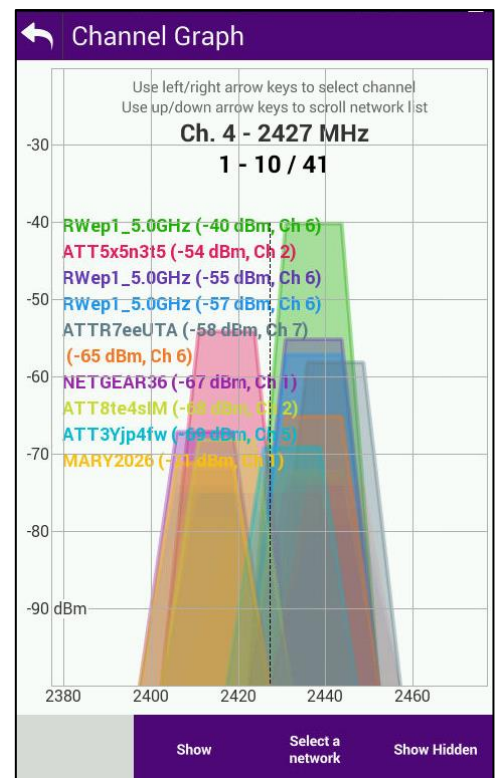


- Designed for testing delivery of multi-gig services over WiFi
- Integrated WiFi 7 technology provides consistent and reliable testing
- Validate Signal Strength and Throughput at multiple locations
- Simple Connection via WPS or saving of AP connections
- Tests all bands 2.4GHz, 5GHz & 6GHz

2.4 / 5 / 6 GHz channels



WiFi 7 support with visibility to 6GHz

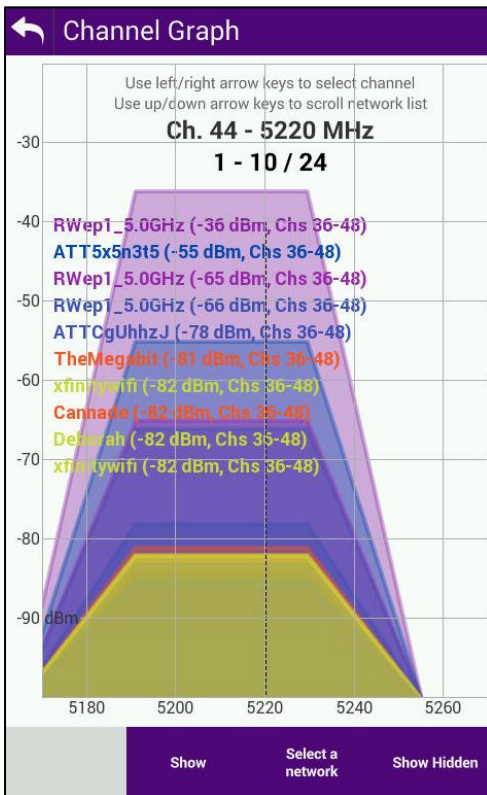


## Advanced WiFi testing of multi-gig services

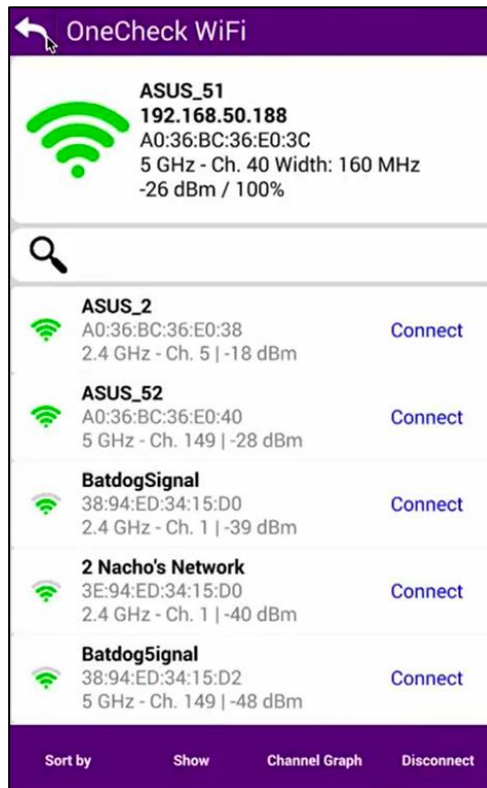
Validate Subscriber Speeds Where Needed

- View Channel Mapping to identify signal strength and overlapping channels
- Layer 4 Throughput testing over WiFi
  - VIAVI SpeedCheck
  - Ping Testing
- Test and save results at multiple locations for birth certificate reporting

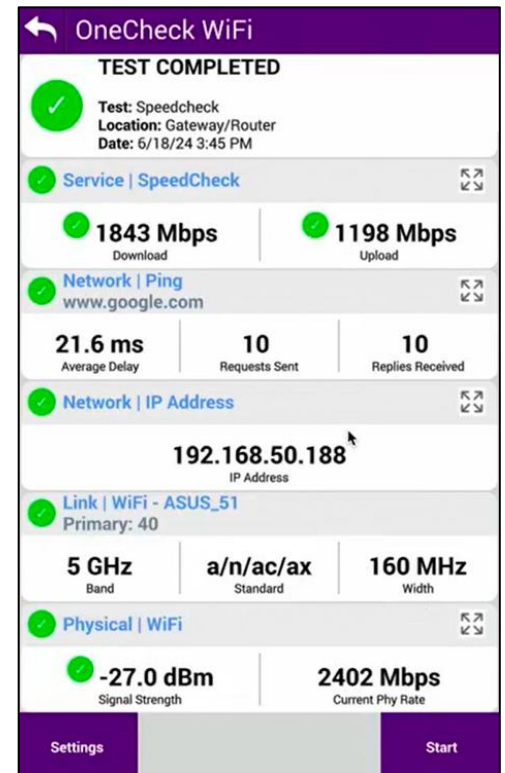
Channel mapping of 2.4/5/6 GHz channels



Select and Connect to networks for service testing



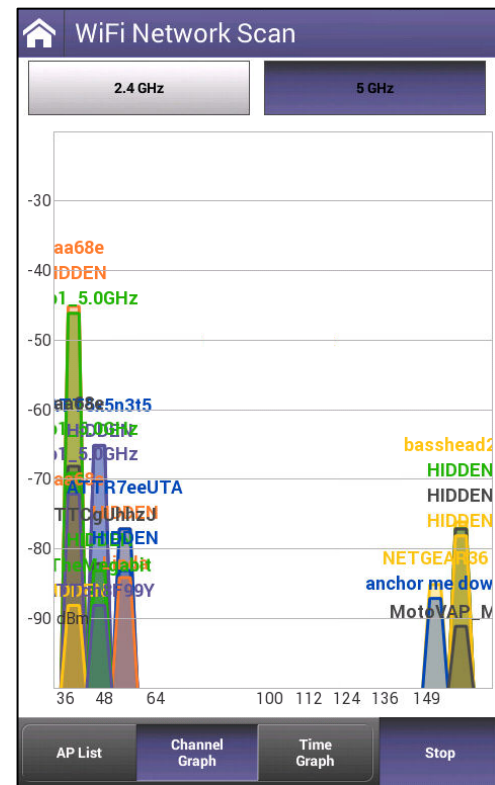
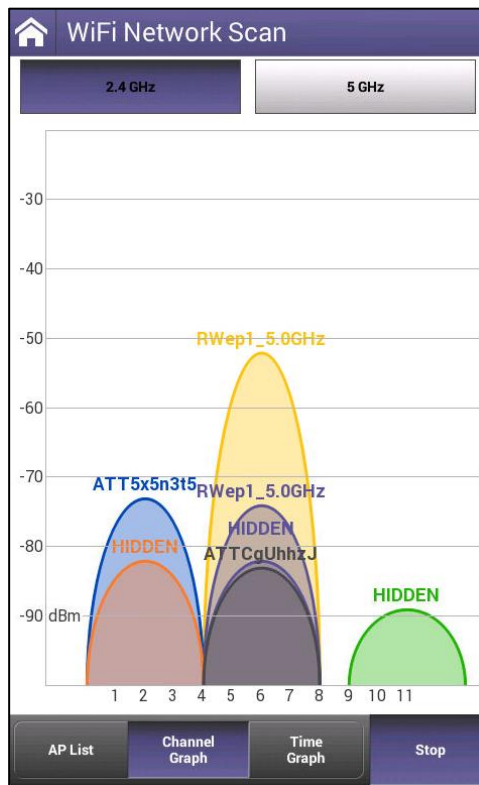
Service testing of multi-gig WiFi



# Current ONX-CATV WiFi Site Survey (ONX-620 / 630)

Testing does not include any Service tests – Power Levels Only

WiFi Network Scan			
<input checked="" type="checkbox"/>	Graph all		
<input checked="" type="checkbox"/>	RWep1_5.0GHz 3c:5c:f1:3f:63:a5	Ch 36,40	-46 dBm
<input checked="" type="checkbox"/>	3aa68e 3c:5c:f1:3f:63:a3	Ch 36,40	-46 dBm
<input checked="" type="checkbox"/>	ATT5x5n3t5 26:00:ab:65:61:23	Ch 44,48	-65 dBm
<input checked="" type="checkbox"/>	RWep1_5.0GHz 3c:5c:f1:3f:63:a6	Ch 6	-57 dBm
<input checked="" type="checkbox"/>	HIDDEN 2c:00:ab:65:61:23	Ch 44,48	-65 dBm
<input checked="" type="checkbox"/>	3aa68e 3c:5c:f1:2d:1c:c3	Ch 36,40	-69 dBm
<input checked="" type="checkbox"/>	RWep1_5.0GHz 3c:5c:f1:2d:1c:c5	Ch 36,40	-68 dBm
<input checked="" type="checkbox"/>	HIDDEN 88:71:b1:60:5b:63	Ch 52,56	-75 dBm



# OneCheck WiFi - New ONX-HFC Details & Service Tests

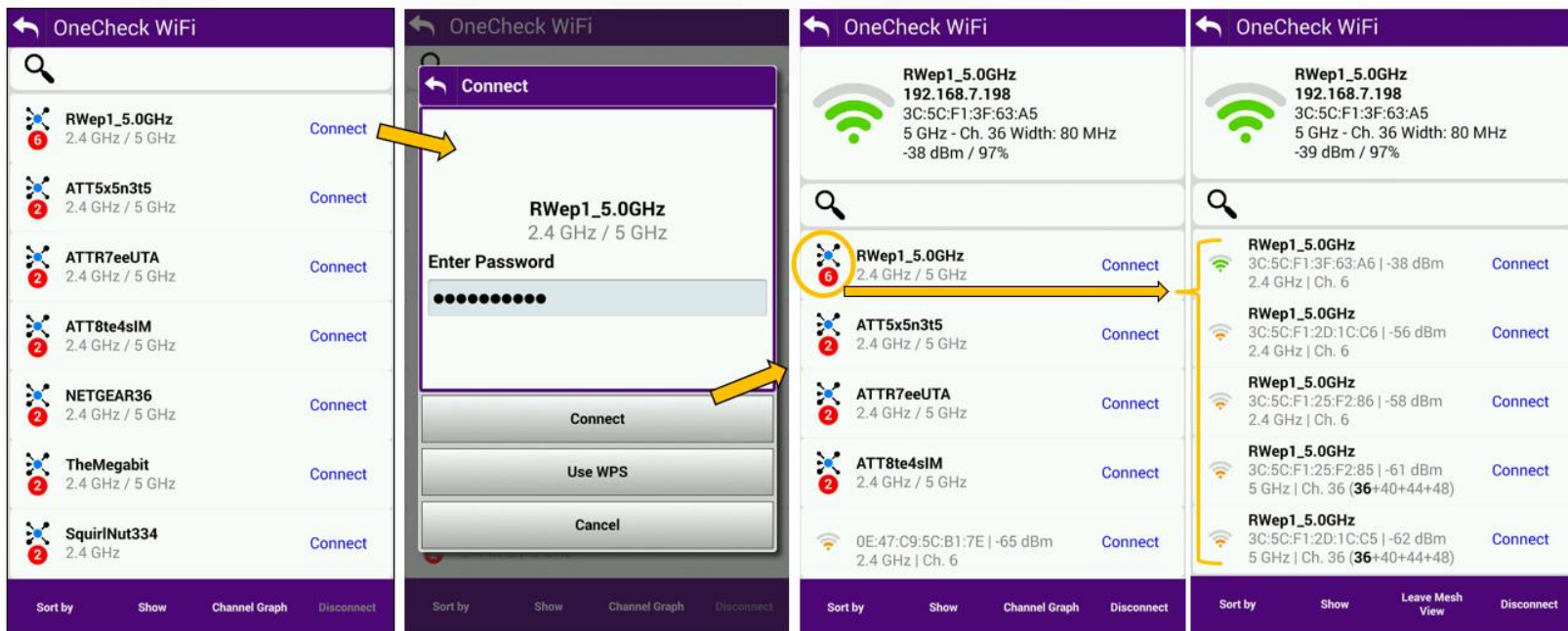
WiFi Site Survey can be performed prior to running service tests (ONX-720 / 730)

The image displays a sequence of four screenshots from the OneCheck WiFi application interface, illustrating the workflow from network selection to channel analysis.

- First Screenshot:** The 'OneCheck WiFi' main menu. It includes options for 'Select a test' (WiFi Example Test), 'Select SpeedCheck Server' (Orlando, FL 1), 'Select a location' (Gateway/Router), and a highlighted 'Select a network' button.
- Second Screenshot:** A list of detected WiFi networks. Each entry shows the network name, frequency bands (2.4 GHz / 5 GHz), and a 'Connect' button. The 'Channel Graph' button at the bottom is highlighted.
- Third Screenshot:** The 'Channel Graph' for Channel 4 (2427 MHz). The graph shows signal strength in dBm for various networks across different channels (Ch 6, Ch 7). A legend on the left lists networks like RWep1\_5.0GHz, ATT5x5n3t5, and NETGEAR36. A 'Show' button is highlighted.
- Fourth Screenshot:** The 'Channel Graph' for Channel 44 (5220 MHz). The graph shows signal strength in dBm for networks across channels 36-48. A legend on the left lists networks like RWep1\_5.0GHz, ATT5x5n3t5, and TheMegabit. A 'Show' button is highlighted.

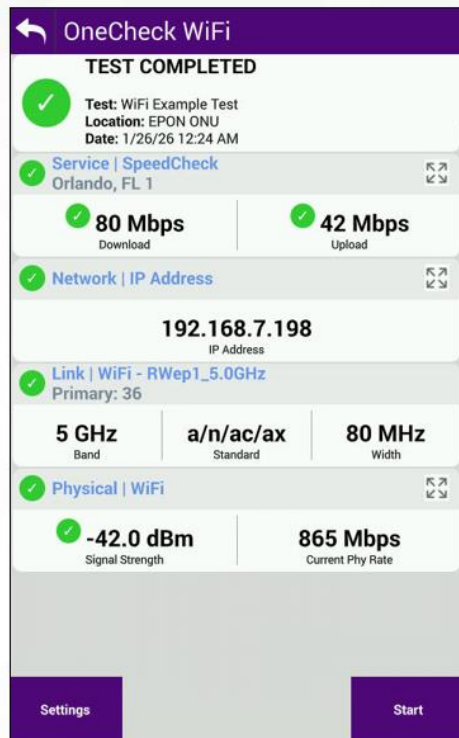
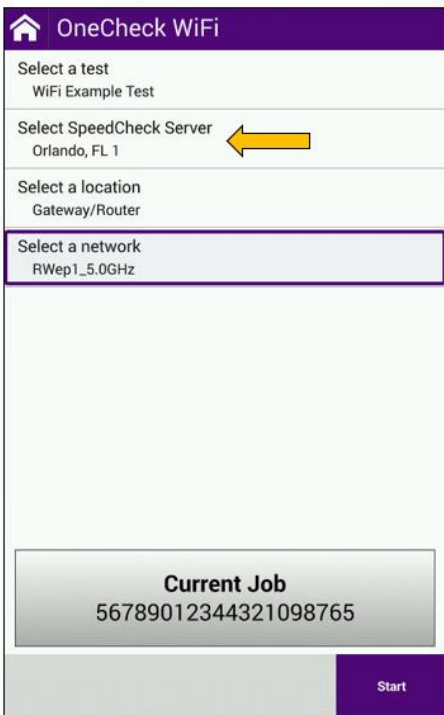
## Connect to WiFi Network

Use Password or WPS, View Access Point and Mesh Network Details



# OneCheck WiFi - Service Tests Over WiFi

Once complete the OneCheck WiFi test  
Automatically Saves to the Current WOID



Selectable SpeedCheck Server just like OneCheck Ethernet.

Job Manager tracks which tests were performed and its location

