AirScout™
TESTING Wi-Fi READINESS

REDUCING
Wi-Fi RELATED
SERVICE COSTS

ORDERING INFORMATION

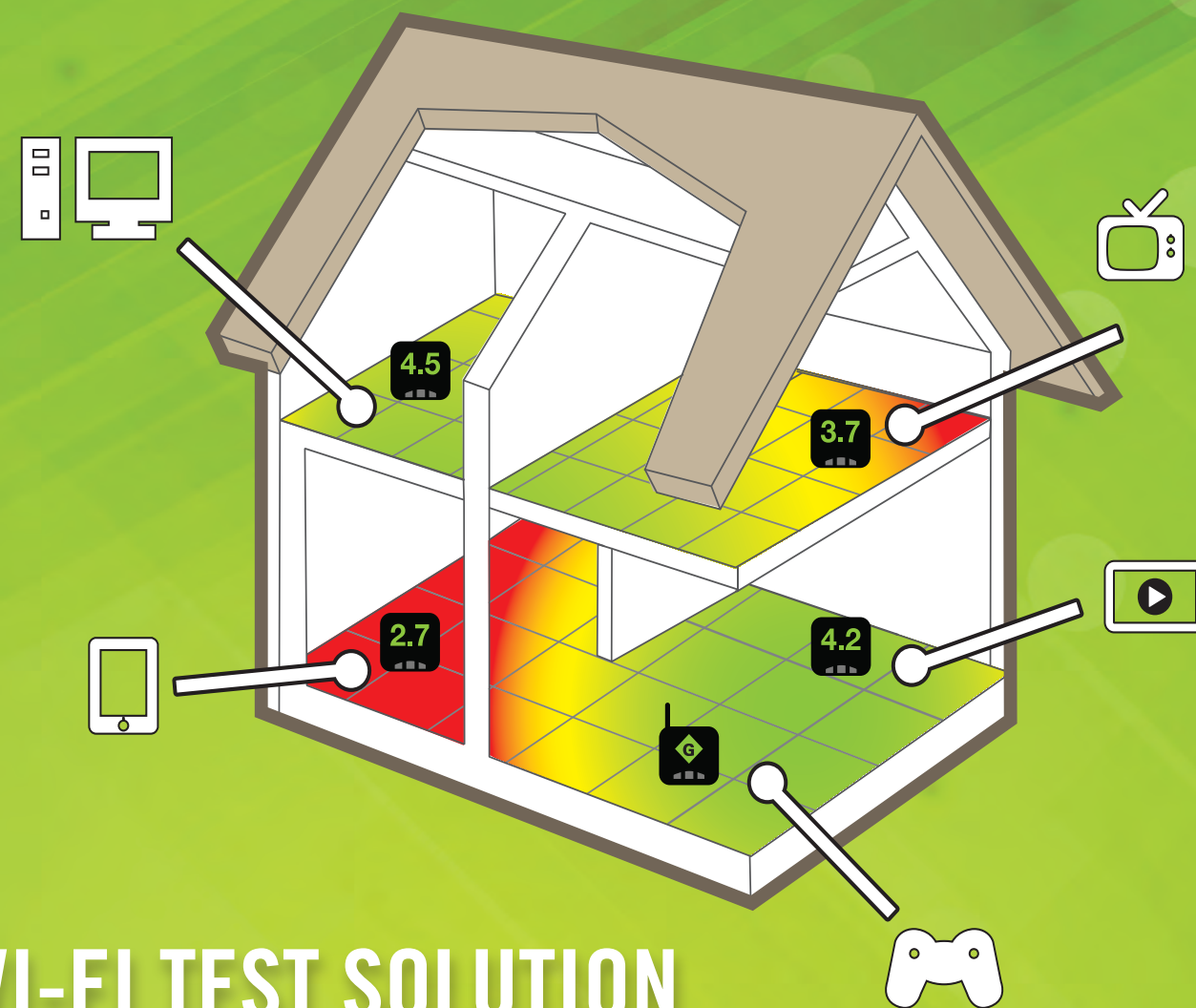| CAT NO.	DESCRIPTION
ASK302	AirScout 300 Two Client Solution in Carry Case
ASK306	AirScout 300 Six Client Solution in Carry Case
ASM300	AirScout 300 Individual Master Controller
ASC300	AirScout 300 Individual Client
ASC302	Dual pack of AirScout Clients
ASCC6	AirScout 306 Hard Case

SPECIFICATIONS

ASM Controller	Height	1.81" (46.2 mm)
	Width	5.83" (147.6 mm)
	Depth	5.79" (146.8 mm)
	Weight	332 g (11.7 oz)
ASC Client	Height	1.46" (36.83 mm)
	Width	4.88" (124.46 mm)
	Depth	4.88" (124.46 mm)
	Weight	247 g (8.71 oz)
Environment	Operating Temperature	0 to +55 ℃ / 0 to +131 ℉
	Storage Temperature	-20 to +65 ℃ / -4 to +149 ℉
	Operating Humidity	20-80% RH non condensing
	Storage Humidity	10-90% RH non condensing
	Vibration	3-axis vibration
Compliance	FCC	
	Canada Regulatory Requirements (ICES-003)	
	CE Compliance	

Wireless Standard	802.11
Antenna	2 x 2 MIMO (Both Master Controller and all Clients
Frequency Bands	2.4 GHz and 5 GHz
Processor	Qualcomm Atheros
Wired Interface	Ethernet LAN (RJ45)
Data Transfer Rate	1 Gb/s (wired LAN)
Number of Ports	1
Mounting	Free Standing

A WI-FI TEST SOLUTION PROVIDING VISIBILITY INTO USER EXPERIENCE

G GREENLEE®
COMMUNICATIONS

FAST. ACCURATE. RELIABLE.

OVERCOMING THE Wi-Fi CHALLENGE

As operators place greater emphasis on Wi-Fi as part of their solutions offering,, consumers are using it to view media content. Consequently, they are expecting the same quality of experience that wired solutions have offered. Delivering a seamless Wi-Fi experience in the residence or premise is quickly becoming the de-facto standard when judging service providers & contractors. However technician's current workflows use rudimentary tools when characterizing the Wi-Fi environment. This lack of client side visibility into the quality of experience is a costly approach. The cost associated with Wi-Fi issues are spiraling out of control. With most of it hidden, providers are starting to pay a great deal of attention to the quality of Wi-Fi installations.

REAL WORLD STRESS TESTING

› Up to 30 client stations
› Industry leading application benchmark testing
› 802.11 types of devices benchmarked
› Validation testing over time increases accuracy

Applications have shifted from simple web-surfing, to bandwidth hungry apps, to streaming 4k video all being utilized while kids are checking their social media and gaming online. Add the fact that the number of devices per household are growing rapidly. Today's average household uses many connected devices in the home at once. Service providers have found that simply looking at the RF layer with SNR & RSSI measurements on only one client does not provide a realistic user experience.

AirScout enables service providers with a tool that replicates the complex Wi-Fi home environment enabling the home for Wi-Fi readiness and optimization.
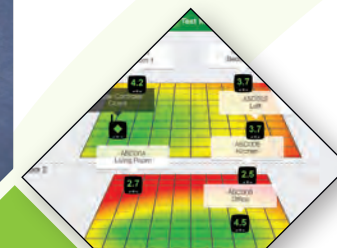
DISTILLING COMPLEX MEASUREMENTS INTO Wi-Fi READINESS

Current service provider workflows use rudimentary Wi-Fi measurement techniques, and the SNR & RSSI will never be understood by the consumer.

AirScout provides technicians with a tool that distills complex measurements into easy to understand metrics; enabling technicians to convey to consumers simple to understand answers like:

› Gaming will work in the kid's bedroom with Wi-Fi
› 4K Video will work throughout the home
› There is sufficient capacity for adding more devices in the future
› Everyone will be able to browse social media concurrently
› Router's optimum location is in this room

SOLVING THE PROBLEM, NOT JUST FINDING THE PROBLEM

AirScout goes beyond simply test and measurement. The value lies not only in validating a home for Wi-Fi readiness, but also, identifying solutions to solve the problem.

Intelligent Channel Selection

Most tools in the marketplace today simply count the number of access points on a particular channel and pick the one with the lowest number. This method promotes bad decision making. A channel with the least number of access points (but all of the clients streaming 4k video) is far worse than a larger number of APs whose clients typically do email.

AirScout brings intelligence to the process measuring, over time, the types and amounts of traffic that each of the access points are passing. This provides the true optimal channel selection criteria.

Optimal Access Point Location

Every home environment is different. Therefore, simply choosing the access point location that is closest to the set top box is not always the most optimal location.

After AirScout has surveyed the home for Wi-Fi readiness, it provides a simple to understand location within the home that brings the optimal coverage and user experience eliminating the need for trial and error.

TIME
THE IMPORTANT METRIC ON TECHNICIAN PERFORMANCE

AUTOMATED TOOL THAT IS ALREADY INTEGRATED INTO THE TECHNICIAN'S WORKFLOW

AirScout has been designed from the ground up with a primary goal of minimal intervention by a technician. The workflow consists of:

› **Simply drop & tap a client in locations the consumer wants Wi-Fi coverage**
› **Click Start**
  › Identify Wi-Fi dead zones within the home
  › Optimize the In-Home Configuration
  › Assess the User Experience over Wi-Fi before finishing an install
  › Identify up-sell opportunities to fix coverage gaps that users experience
  › Upload data to the cloud for future reference

REDUCING Wi-Fi RELATED SERVICE COSTS

AirScout ensures that the user experience over Wi-Fi networks meets consumer's expectations before the technician leaves the home. Combined with a cloud-based reporting ability for upload, storage, and retrieval results in:

› Lower frustration with the service providers
› Minimal customer support calls
› Diminished repeat truck rolls
› Reduced churn

REDUCED SERVICE COSTS