

WIM-Z Field Trial Results

· 7 field trials, NYC metro, May–Sep 2026

Autonomous, on-device behavioral training for dogs left home alone. Every trial ran the same protocol: a baseline day with the robot present but passive, then autonomous intervention on the following days. Every event was logged on the device, not reconstructed afterward.

7

trials · 6 homes + 1 kennel

2,169

barks detected on-device

107

autonomous interventions

–75% / –83%

bark rate, two longitudinal dogs

5 / 7

bought or kept the unit

RESULTS BY TRIAL

#	Site	Dog	Sessions · hours	Focus	What the log shows	Outcome
1	Home, Hoboken NJ	Bezik	9 · 11.0 h	Barking; sit/down cues	3 of 3 interventions → quiet; 32 of 48 cues completed	Bought
2	Home, Hoboken NJ (founder)	Elsa	14 · 15.6 h	Alert barking, home alone	161 → 40 barks/hr (–75%); success 43% → 73%	Kept
3	Home, Edgewater NJ	Luna	8 · 12.0 h	Reward + cue training	150 rewards over 3 robots; pre-Silent-Guardian	Positive
4	Home, Jersey City NJ	Belly	4 · 8.7 h	Barking	261 barks detected; 7 of 7 cues completed, visit 2	Bought
5	Kennel, Jersey City NJ	All4Wags (group)	3 · 1.3 h	Group setting, 30+ dogs	Demo + footage; group floor not a fit for single-dog tooling	Positive
6	Home, New York NY	Hannibal	7 · 7.1 h	Cue training	65 cues, pose-confirmed; 2,300+ vision events	Kept
7	Home, New York NY	Ziggy	5 · 4.7 h	Alert barking	317 → 53 barks/hr (–83%); success 31% → 67%	Bought

WHAT OWNERS SAID

“It’s stopped Bezik multiple times from going on barking sprees, and instead he’s now sleeping right next to the robot. It’s his new friend. I’m shocked.”

— Byeolnim Kim, Hoboken NJ (Bezik) · bought

“It’s been fantastic. Ziggy is actually listening to the robot more than I expected and doesn’t seem to mind getting extra treats for less barking. It’s great to have when I’m not home to keep an eye on him and keep the neighbors happy.”

— Patty Gold, New York NY (Ziggy) · bought

3 of 7 households bought after a home trial; 2 kept their unit; 2 positive without a unit, including a 30-plus-dog kennel where the single-dog design did not fit a group floor — a useful negative result that keeps the product pointed at homes.

PROTOCOL

Day 1: baseline. Robot present, camera and logging on, intervention off. Establishes each dog’s own rate.

Days 2–3: autonomous mode. On-device detection interrupts the behavior, cues a calm behavior the dog knows, rewards the calm response with a timed treat.

Logged per event: timestamp, dog ID, behavior class, confidence, cue, reward, response latency. Same spec at every site so results compare.

Detection accuracy 85–90% in live testing.

Reinforcement fades over sessions, so the calm holds without the treat.

In total: seven sites, 50 logged sessions, 60 hours on duty, 107 autonomous interventions with 54% ending in quiet overall. In both dogs with repeat Silent Guardian sessions, bark rate fell more than 75% and intervention success rose to about 70%.