SAMPLE OUTPUT

WiFiScanner-Sniffer provides a live view of nearby wireless networks with key technical metrics including SSID, signal quality, operating channel, and security type.

Below is a screenshot of the Windows GUI version in action:

✅ This real-time snapshot helps visualize your wireless environment at a glance.

🔍 Output Details

Column	Description
SSID	Network name being broadcast (e.g., Castle 105-106_5G)
BSSID	MAC address of the wireless access point
Signal	Received signal strength in percentage (dBm translated for readability)
Channel	The operating frequency/channel number (2.4 GHz or 5 GHz)
Security	The encryption type in use (e.g., WPA2-Personal, Open)

💡 Use Case Demonstrations:

- 📊 Detect weak signals and dead zones
- 📡 Identify crowded or overlapping WiFi channels
- 🔐 Verify if networks are encrypted securely
- 🧪 Demonstrate wireless scanning in cybersecurity training sessions

⚠️ Note: The tool is passive and does not interfere with networks or send packets. It simply listens for broadcast beacons and displays them.

SSID	BSSID	Signal	Channel	Security
Castle 105-106_5G	10:27:f5:3f:94:cf	100%	149	WPA2-Personal
Castle 105-106_5G	10:27:f5:3f:94:cf	100%	43 (16 %)	WPA2-Personal
Castle 114-115	10:27:f5:3f:93:23	85%	4	WPA2-Personal
Castle 114-115	10:27:f5:3f:93:23	85%	0 (0 %)	WPA2-Personal
Castle 107-108	10:27:f5:3f:94:cd	45%	4	WPA2-Personal
Castle 107-108	10:27:f5:3f:94:cd	45%	0 (0 %)	WPA2-Personal
NH-104	7c:a9:6b:b6:f0:d5	90%	2	WPA2-Personal
NH-104	7c:a9:6b:b6:f0:d5	90%	145 (56 %)	WPA2-Personal
Castle 206-207	10:27:f5:3f:9e:12	100%	2	WPA2-Personal
Castle 206-207	10:27:f5:3f:9e:12	100%	0 (0 %)	WPA2-Personal
NH-105	7c:a9:6b:d1:9f:c5	75%	1	WPA2-Personal
NH-105	7c:a9:6b:d1:9f:c5	75%	115 (45 %)	WPA2-Personal
castle 109-110	10:27:f5:3f:94:c1	100%	3	WPA2-Personal
castle 109-110	10:27:f5:3f:94:c1	100%	0 (0 %)	WPA2-Personal
Castle 105-106	10:27:f5:3f:94:d0	100%	10	WPA2-Personal