

Introducing the "Kestrel Feather™ Antenna..."

The Kestrel Feather™ Antenna is a 2 dBi gain, multi-band near-field antenna that lowers the noise floor of the Signal Hound™ SDR Receiver and enhances the Probability of Detection (POD) within spectral ranges that are common to wireless communication standards. The Kestrel Feather™ Antenna (KFA) exhibits excellent near-field characteristics across nearly the entire Signal Hound™ SDR Receiver operational bandwidth [1]. The Kestrel Feather™ Antenna as a passive, high gain antenna that lowers the Ambient Noise Floor (ANF), while exposing hidden and potentially hostile signals, where a less sensitive broadband sectional whip antenna is normally utilized.

Design Specifications:

Cellular: 802 MHz - 896 MHz

GSM: 890 MHz - 960 MHz

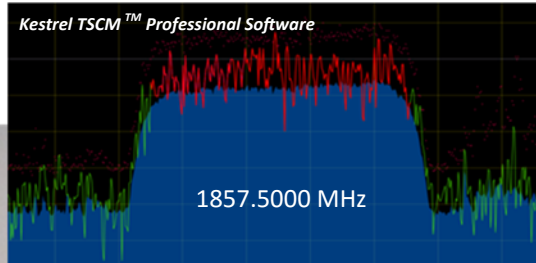
DCS: 1710 MHz - 1880 MHz

PCS: 1850 MHz - 1990 MHz

UMTS: 1885 MHz - 2025 MHz

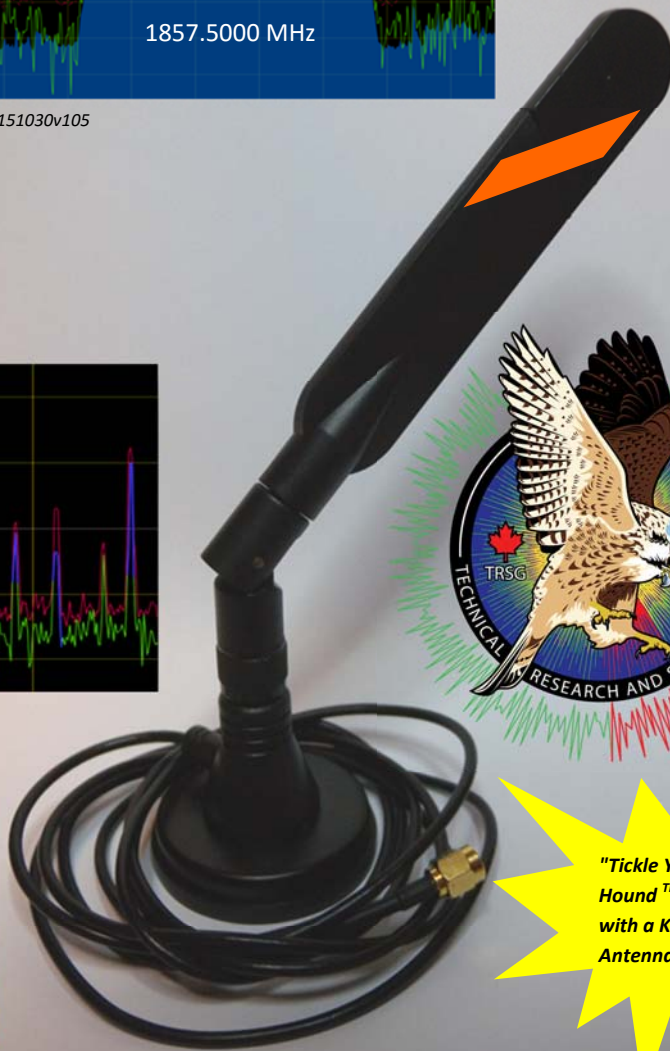
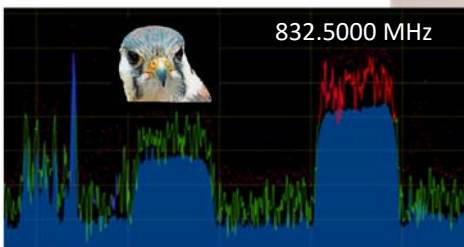
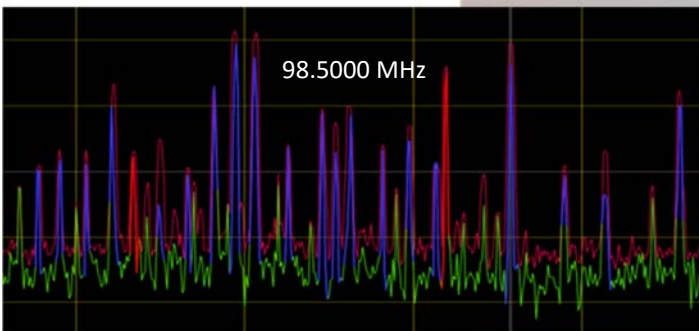
UMTS: 2120 MHz - 2200 MHz

Wi-Fi: 2403 MHz - 2483 MHz



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"Tickle Your Signal Hound™ SDR Receiver with a Kestrel Feather Antenna (KFA)..."

"Innovation is Simply the Beginning..."

[1] The Kestrel™ Feather Antenna (KFA) has an engineered design range of (802 MHz - 2483 MHz). During TSB lab testing, the antenna exhibited excellent near-field TSCM characteristics between (1 MHz - 3500 MHz).