



Intro

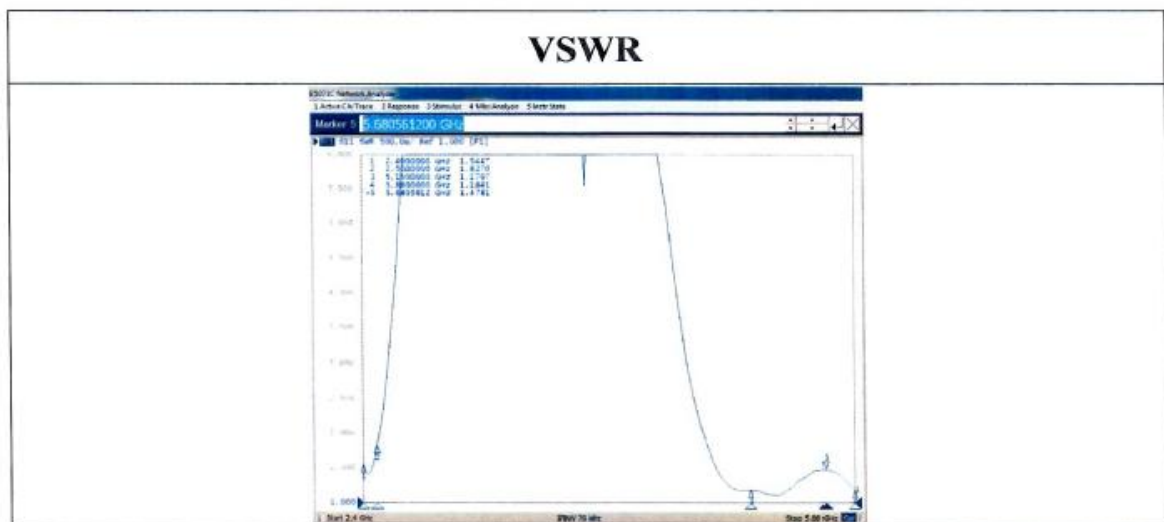
Antenna gain documentation required for all FCC Part 15 devices. Must provide either an antenna datasheet/ specification or a test report with gain measurements and plots. This Information cannot be held confidential. Additionally, proprietary information of the design itself can remain confidential in either the ' operational description' or 'schematic'.



Example of antenna specification:

1. **Company:** Augury systems Ltd.
2. **Product name:** Halo Node v2.0
3. **RF module/chip:** TI WiLink 8 WL1837
4. **Antenna description**

Antenna type	Dual Band Omni Antenna
Antenna manufacturer	TRENDNET
Antenna datasheet	NA
Frequency range	2.4 GHz: 2.4 - 2.5 GHz 5 GHz: 5.15 – 5.85 GHz
Modulation	OFDM
Antenna gain max (peak)	5 dBi
Cable loss	NA
Connector type	N-Type female connectors







5. Antenna photo - example



Radiation Pattern

