



## **Intro**

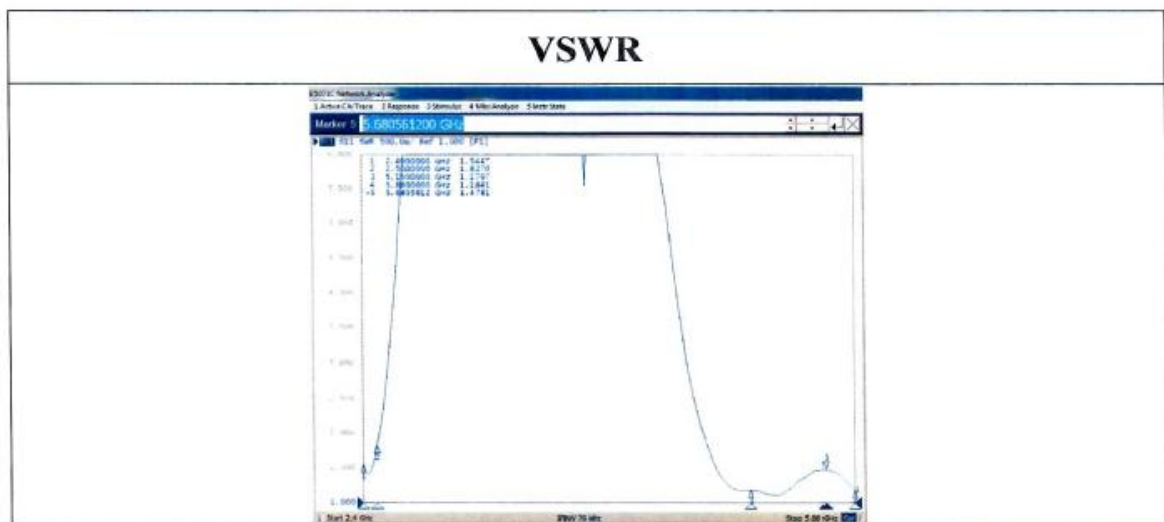
Antenna gain documentation required for all FCC Part 15 devices. Must provide either an antenna datasheet/ specification or a test report with gain measurements and plots. This Information cannot be held confidential. Additionally, proprietary information of the design itself can remain confidential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

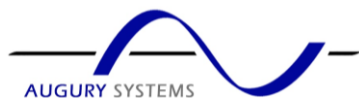


### Example of antenna specification:

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

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







## 5. Antenna photo - example



## Radiation Pattern

