



## REGULATORY TESTING FROM START TO CERTIFICATE

### 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'.

### Flipper HQ Module Antenna Specifications

1. Company: Commcrete Ltd
2. Product name: Flipper HQ Module Antenna  
VTS-301 Antenna (directional)
3. RF module/chip: None (passive)
4. Antenna description

<b>Antenna type</b>	Directional 4 Patch Array
<b>Antenna manufacturer</b>	PN: PA45-1592-175SA Manufacturer: API – Spectrum Control Antennas
<b>Antenna datasheet</b>	Attached
<b>Frequency range</b>	Tx: 1626.5-1660.5 MHz Rx: 1525-1559 MHz
<b>Modulation</b>	N/A
<b>Antenna gain max (peak)</b>	8dBi max 7.5dBi average
<b>Cable loss</b>	0dB
<b>Connector type</b>	TNC

**Antenna radiation pattern**  
Please refer to [appendix A >>](#)

## Appendix A - Radiation Pattern

