



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 Module Antenna Specifications

1. Company: Commcrete Ltd
2. Product name: Flipper Module Antenna
VTS-300 Antenna (Surface Mounted)
3. RF module/chip: Tx & Rx chains (filters, amplifiers, attenuators)
4. Antenna description

| | |
|--------------------------------|--|
| Antenna type | Omni Directional Single Patch |
| Antenna manufacturer | PN: PA45-1592-175SA Manufacturer: API – Spectrum Control Antennas |
| Antenna datasheet | Attached |
| Frequency range | Tx: 1626.5-1660.5 MHz Rx: 1525-1559 MHz |
| Modulation | N/A |
| Antenna gain max (peak) | 2dBi max -1dBi average |
| Cable loss | N/A (Antenna is active) |
| Connector type | TNC |

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

Appendix A - Radiation Pattern

