

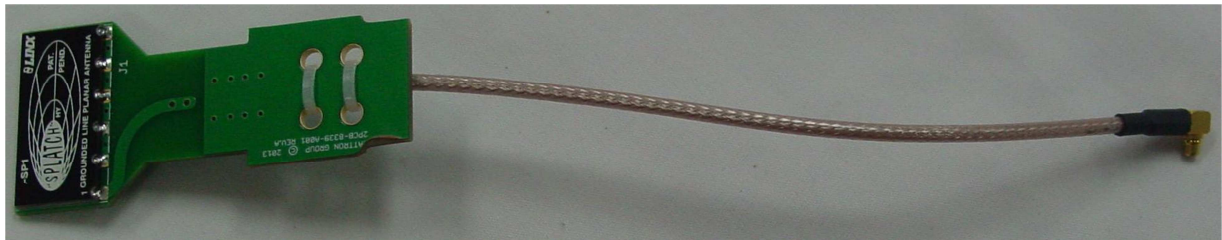
CONFIDENTIAL INFORMATION

TRF-900MHz SplatCh Antenna Datasheet

Presentation

This document describes the SplatCh antenna used with LRC-S module. This antenna is dedicated to 900MHz band. It is connected on radio module antenna port with MMCX connector. It is made up of an ANT-916-SP on a PCB board with coax cable.

Pictures

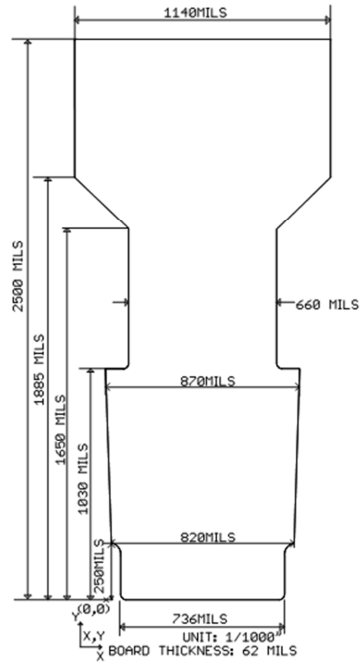


Top view



Bottom view

Antenna PCB mechanical data



Electrical data and radiation patterns

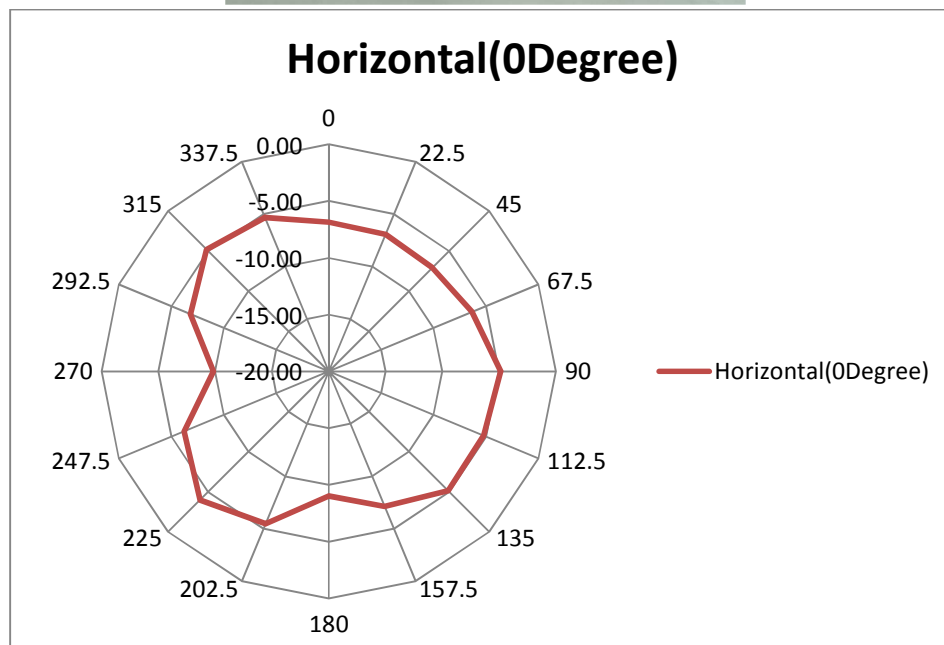
[Measurement reference antenna: AHS Log periodic. Model#: SAS-510-2(290MHz-2000MHz). SN#: 1212 Calibration date: dec. 22, 2011]

Frequency range: 903-924.4MHz

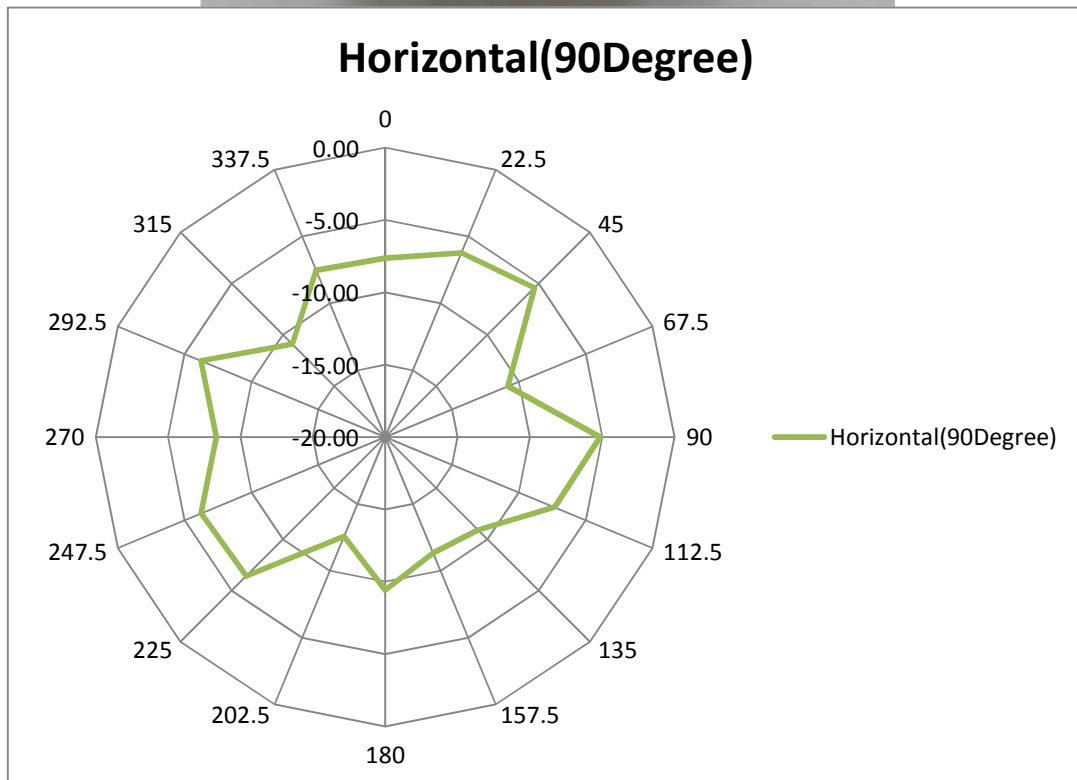
Peak Gain: -3.99dBi

Radiation Patterns:

- 1- Keypad oriented parallel to x-y axis and rotated around z axis:



- 2- Keypad oriented parallel to x-z axis and rotated around z axis:



- 3- Keypad oriented parallel to y-z axis and rotated around z axis:

