



GPS ACTIVE ANTENNA RRPA-PB0-486392-1-G-001



■ SPECIFICATION

ANTENNA

Parameters	Specification
Frequency Range	1575.42 ± 1.023 MHz
Bandwidth, min	10 MHz
Gain (based on 7x7cm ground plane)	4.5 dBic
VSWR, max	1.5
Impedance	50 Ω
Polarization	RHCP
Operating Temperature Range	-40 ~ +85°C
Storage Temperature Range	-45 ~ +85°C

LNA

PARAMETERS		VALUE
Frequency Range (F ₀)		1575.42 ± 1.023 MHz
Gain		28 ± 3 dB
Outband Rejection (absolute value), min	F ₀ + 100 MHz	30 dB
	F ₀ - 100 MHz	30 dB
Output VSWR, max		2
Noise Figure, max		1.5 dB
DC Voltage		3.0 ~ 5.0 V
DC Current (at 3.0V)		8.5 ± 3.0 mA

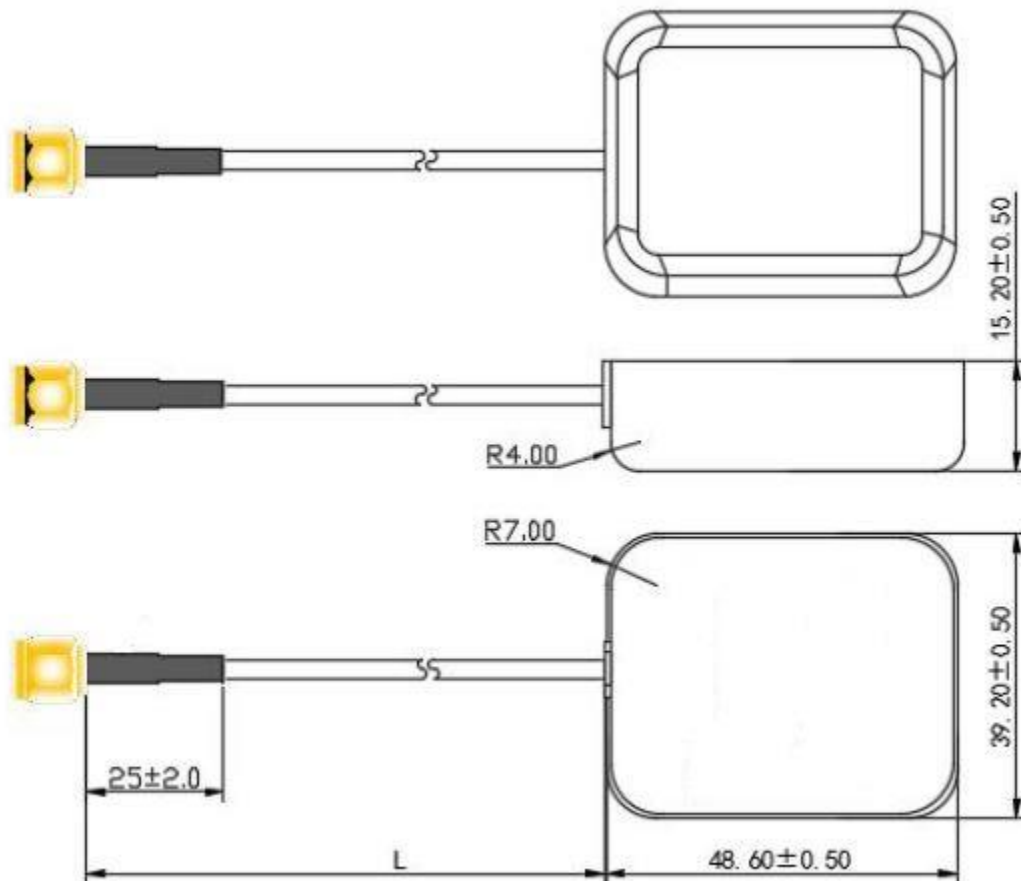


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OVERALL (Including RF connector)

PARAMETERS	VALUE
Frequency Range	1575.42 MHz \pm 1.023
Output VSWR, max	2.0
Impedance	50 Ω
Cable	RG174
RF Connector	SMA-J3

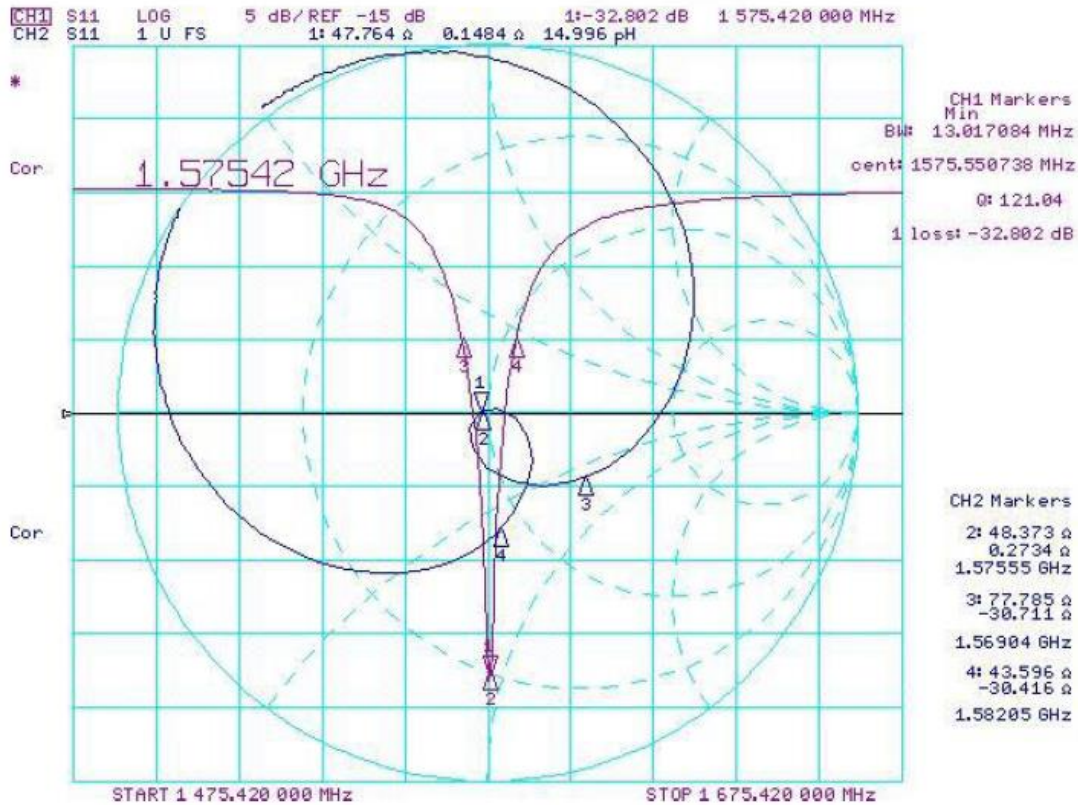
MECHANICAL SPECIFICATION





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FREQUENCY CHARACTERISTICS



APPROVAL

RS PRO	
DRAWN BY:	AR, June 1, 2018
APPROVED BY:	CP, June 1, 2018
REVISION:	A, Initial Release