



KNCTEK SWITCHABLE GPS ANTENNA KANT-3200S Specification

Version 1.0.1
2005/8/29

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KANT-3200S SPECIFICATION

Introduction

Knctek's KANT-3200S Antenna is specially designed to switch the antenna mode type to the external mode from the internal mode mechanically when the external antenna is being connected. It also returns to the internal mode from external mode when the external antenna is disconnected.

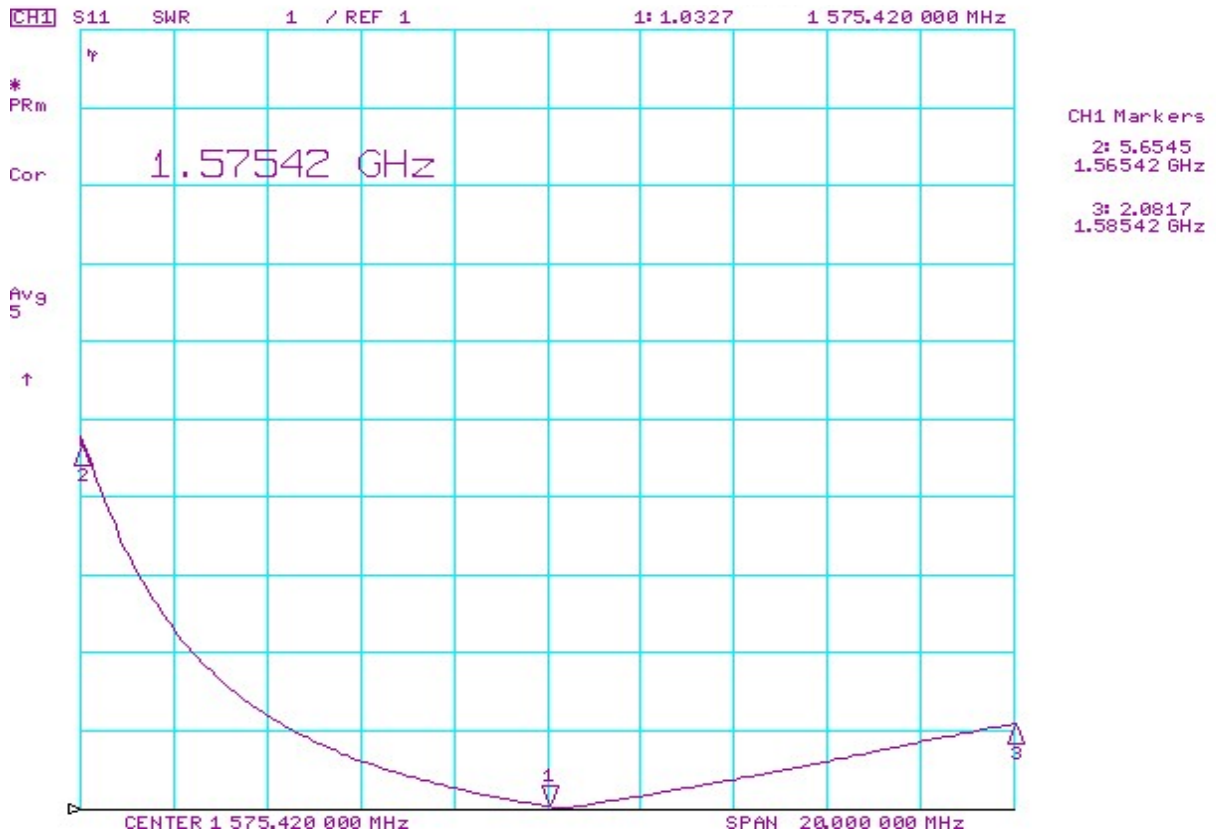
We are proudly introducing this GPS antenna to satisfy the special customer requirement with excellent bandwidth signal and best performance.

ANTENNA ELEMENT	
Center Frequency	1575.42MHz
Polarization	R.H.C.P.
Gain @ Zenith	+2 dBi typical
Impedance	50Ω
Ground Plane Condition	60x60 [mm]
Frequency may be offset for changes in ground plane and radome.	
LOW NOISE AMPLIFIER	
Frequency	1575.42 ±1.023 MHz
VSWR	Less than 2.0
Impedance	50Ω
LNA Gain	28 dB ±2 dB
Noise Figure	2.0dB (max) - 1.5dB Typical
Band Attenuation	20dB min @Fo ±50 MHz
Voltage	DC +3.0 V (±0.3V)
Current	20mA (max)
MECHANICAL	

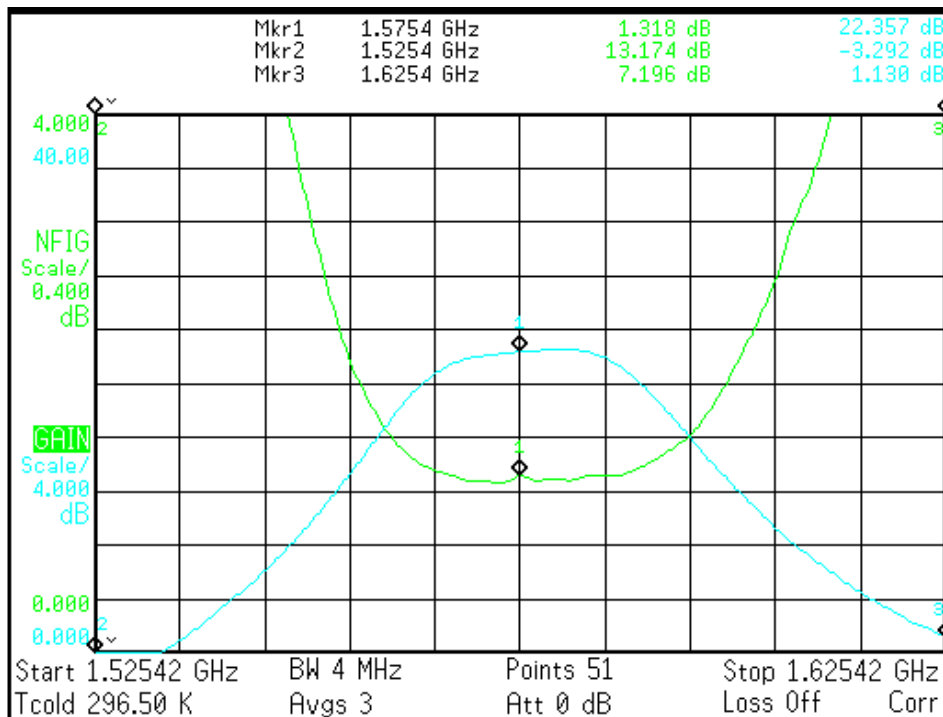


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Height	7.4mm
Width	23.0 x 37.0mm
Cable	Miniature Cable (Gray Color) 85mm
Connector	U.FL
External Connector	Switchable MCX (Jack)
Mounting	-
ENVIROMENTAL	
Operating Temp.	-30°C ~ +80°C
Storage Temp.	-40°C ~ +90°C



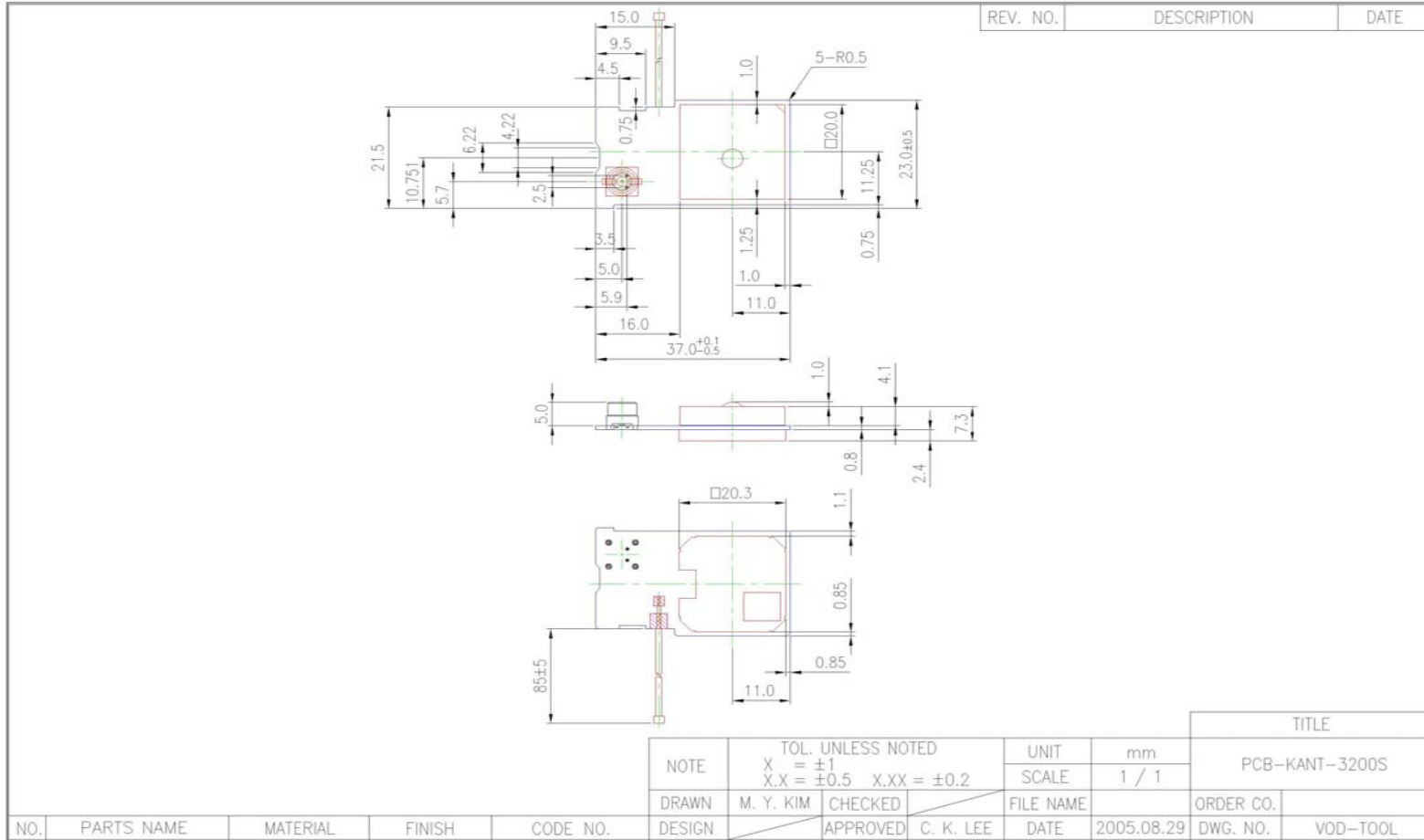
VSWR (LNA)



NF & Gain (LNA)



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