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Model	Type	Dov	DONGNAM	IR
G66	Built in Antenna	Rev.	M7 SYSTEM	Α

APPROVAL SHEET

Customer: M7 SYSTEM

Company: DONGNAM

Item: Built in Antenna

Model: G66

Customer P/N:

Maker Code: KIN-GPS-MS1303



Department	Investigation	Verification	Approval
Circuit	Caro		#2
Machine			*
Safety			10



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- 1. Revison History of Product Specification
 - 1.1 History List of Approval Sheet

	History List of Approval Sheet						
NO.	Rev	I	Rev. DATE	Detailed Contents of Revision	Amount	Request Dept.	Progress Stage
	M7 SYSTEM	DONGNAM				рерг.	
1	Α	IR	2013.06.28	Approval Publication	_	Quality Dept.	WS2



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2. Circuit Specification

2.1 Test Setting

2.1.1 Test Environment (Condition/Method)

① VSWR

- Step 1. Connect ANT port with cable included adaptor to port1 of Network analyzer
- Step 2. Point out markers on network analyzer display at target frequencies.
- Step 3. Inspect VSWR



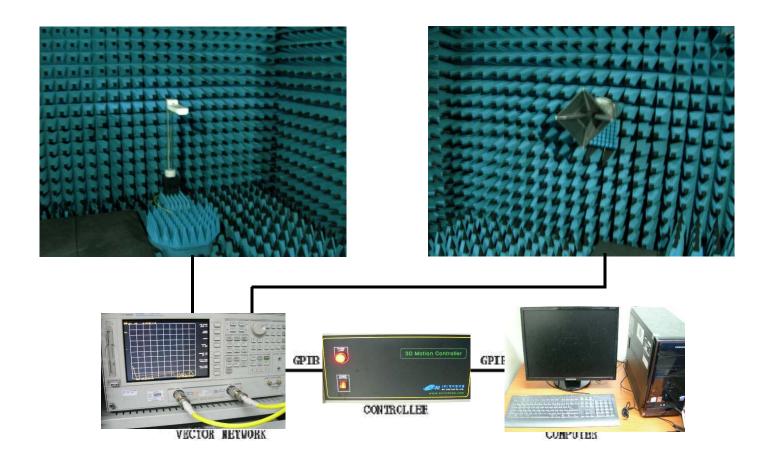
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2 Radiation Pattern adn Gain

- Step 1. Calibrate chamber system for gain measurement using horn antenna.

 At the same time set up software program for chamber system control.
- Step 2. Change over from a horn antenna to measuring antenna on target positioner
- Step 3. Start a software program for chamber system control & measuring.





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2.2 Electrical Specification

Frequency	GPS
VSWR	≤ 2.0
Peak Gain (dBi)	≤ 0.5
Average Gain (dBi)	≤ -3.5
Directivity	Omni-directional
Polarization	Linear
Matching Value	Ant O ohm 1.2nH

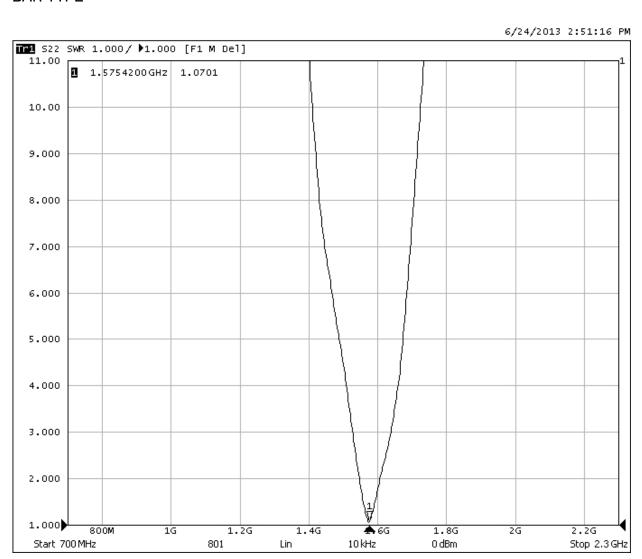


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2.2.1 Electrical Spec. of Set (With VSWR)

BAR TYPE



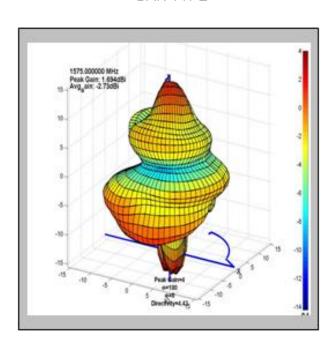


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2.2.2 Passive Gain & 3D Pattern

BAR TYPE



Frequency	Efficiency	Average Gain			Max Gain		Max Position	Directivity	
Troquency		Ver	Hor	Total	Ver	Hor	Total	max i comon	200
1575.000000 MHz	53.2 %	-7.1 dBi	-4.7 dBi	-2.7 dBi	1.0 dBi	1.0 dBi	1.7 dBi	Theta180/Pie0	4.43 dB



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3. Mechanical Specification

3.1 Assy Drawing

