

GF2392-KH-GPS-V0.7 Specification

1. Explanation of part number :

GF2923 - KH - GPS - V0.7 (4)

(1) Model Name: GH6321M

(2) Maker: KH

(3) Frequency: 2400-2500MHz

(4) Suffix: V2.0

2. Electrical Specification:

2-1. Frequency Band:

Frequency Band	MHz
GPS&BT&WIFI	2400-2500MHz

2-2. Impedance

50 ohm nominal

2-3. VSWR , Efficiency , Matching and Active Data:

2-3.1 VSWR:

Frequency Band	2400			2500
2-3-1. Typical Value:	≦2.5	5		≦3
2-3-2Measurin g Method		er to measure the V	SWR.	n this cable is connected to
2-3-3Picture	1.00			
	1.000 1.000 MHz	IFBW 70 ki	/H7	Stop 3 GHz Sim PExt C? [

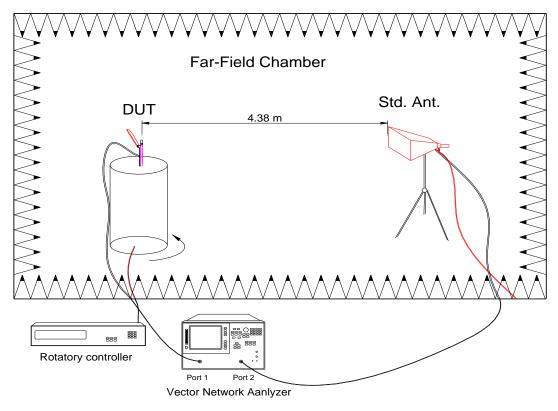
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SCALE :	UNIT : mm	THIS DRAWING	S AND SPECIFICATIONS	ARE THE	PROPER	TY OF K	EXIN
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2-4. Measure and Chamber

2-4-1 Measure method

- 1. Using a low loss coaxial cable to link a standard handset jig
- 2. Fixed this handset jig on chamber's rotator plane
- 3. Linking jig into network analyzer port and using a probing horn antenna to collect data.
- 4. Using another standard gain horn antenna to calibrated those data

2-4-2 Chamber definition



- 1. An anechoic chamber (8mx4mx3.5m) which satisfied far-field condition was applied to avoid multi-path effect
- 2. The quite room region is 40cmx40cmx40cm at the center of rotator
- 3. The distance between DUT and standard antenna is 4.38 m
- 4. Probing antenna (9120D horn antenna) and standard gain horn antenna (BBHA9120 LPF 700MHz ~6GHz)

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2-4-3 Antenna OTA

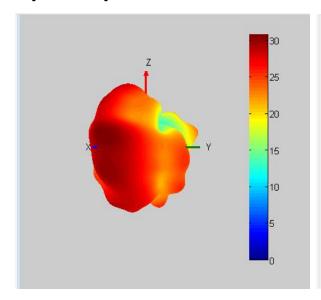
2-4-4 Antenna Efficiency

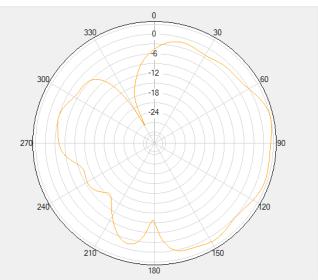
Frequency	Caira (alDi)	Efficiency	Efficiency
(MHz)	Gain (dBi)	(dB)	(%)
2350	-0.07	-3.48	45%
2360	-0.05	-3.43	45%
2370	0.04	-3.63	43%
2380	0.10	-3.53	44%
2390	0.45	-3.25	47%
2400	0.74	-3.29	47%
2410	0.73	-3.29	47%
2420	0.86	-3.07	49%
2430	1.02	-3.06	49%
2440	0.93	-3.22	48%
2450	0.87	-3.06	49%
2460	1.04	-2.99	50%
2470	0.84	-3.18	48%
2480	0.68	-3.10	49%
2490	0.72	-3.09	49%
2500	0.29	-3.40	46%
2510	-0.16	-3.63	43%
2520	-0.27	-3.67	43%
2530	-0.65	-4.07	39%
2540	-1.11	-4.49	36%
2550	-1.32	-4. 74	34%

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$X = \pm 2 \qquad X.X = \pm 0.$	$1 \qquad X.XX = \pm 0.05$	KEXIN HUACHENG 可信年成	深圳市可信华成				
ANGLES = ±	HOLEDIA = ±	SHENZHEN CITY KEXIN HUACHENG COMMUNI 1F, Kono Building, Kono Industrial Park, No.7 Keli Shenzhen					10
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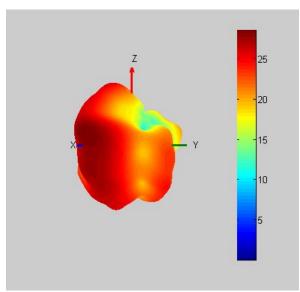
3. 3D Radiation Pattern

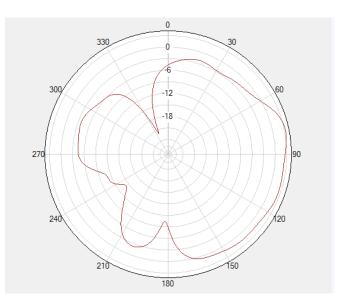
[2400MHz]





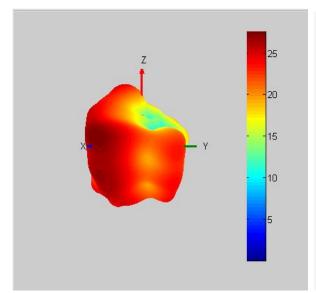
[2450MHz]

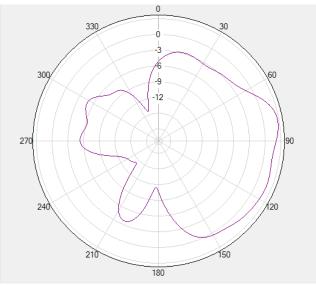




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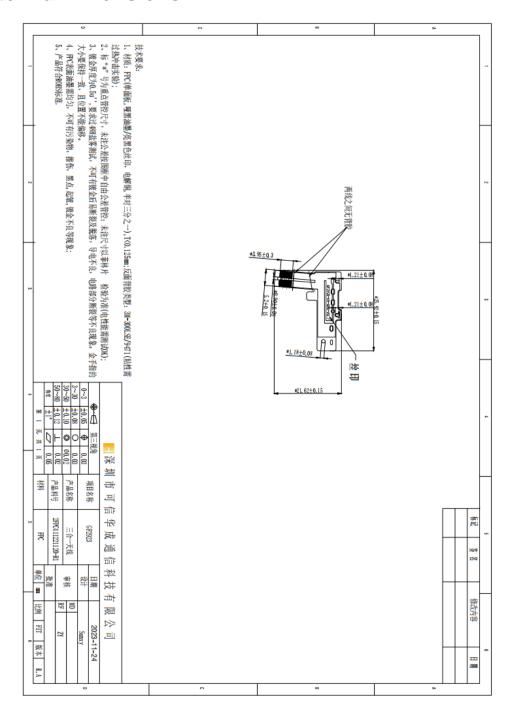
[2500MHz]





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4. Antenna Dimensions:



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