



AFT tech Electronic Co., Ltd. (Shenzhen)

Antenna specification

Customer:Shenzhen xinruizhi industry co., ltd		Date:2025-02-14	
Material model:B651		Material structure: FPC	
Material code:P-CDF-02A-A-1-7A		Material color: black	
Antenna structure: ANT6 antenna		Antenna material No.: ANT6 Antenna: P-CDF-02A-A-1-7A	
Change record column			
Change date	Change reason	Content of Change	Version
2025/2/15	New version released		V1.0

Quality	MD	RF	Approved by

Customer confirmation column

Quality	MD	Electronics	Approved by

Customer material No. :

1

2

3

Customer requirements: :

Catalogue

- 1、Cover
- 2、Catalogue
- 3、Product Chart
- 4、RF Test Data Report

1		2		3		4		5		6		7		8	
A															
screen printing white text “B651-ANT6”															
B															
Product front black															
The back of the product															
A															
B															
C															
D															

☐ VO.1
☐ VO.2
☐ VO.3
☐ VO.4
☐ VO.5
☐ VO.6
 7 8 9

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antenna gain:

Standard	Band	Gain(dbi)	Standard	Band	Gain(dbi)
LTE	FDD-B1	-2.56	NR	N8	0.24
LTE	FDD-B2	0.66	NR	N20	-5.88
LTE	FDD-B3	2.89	NR	N25	0.66
LTE	FDD-B4	2.89	NR	N28	-5.13
LTE	FDD-B5	-5.88	NR	N38	0.97
LTE	FDD-B7	0.97	NR	N40	-1.92
LTE	FDD-B8	0.24	NR	N41	0.97
LTE	FDD-B12	-5.13	NR	N66	2.89
LTE	FDD-B13	-5.21	NR	N77	3.53
LTE	FDD-B17	-5.13	NR	N78	3.53
LTE	FDD-B18	-5.88	WCDMA	WCDMA-B1	-2.56
LTE	FDD-B19	-5.88	WCDMA	WCDMA-B2	0.66
LTE	FDD-B20	-5.88	WCDMA	WCDMA-B4	2.89
LTE	FDD-B25	0.66	WCDMA	WCDMA-B5	-5.88
LTE	FDD-B26	-5.88	WCDMA	WCDMA-B6	-5.88
LTE	FDD-B28	-5.13	WCDMA	WCDMA-B8	0.24
LTE	FDD-B66	2.89	WCDMA	WCDMA-B19	-5.88
LTE	TDD-34	-2.24	CDMA	BCO	-5.88

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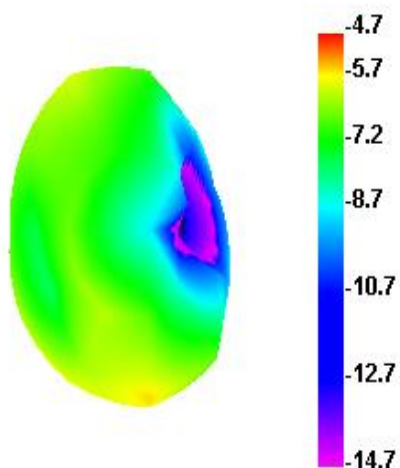
Standard	Band	Gain(dbi)	Standard	Band	Gain(dbi)
LTE	TDD-38	0.97	CDMA	BC1	-0.64
LTE	TDD-39	0.06	GSM	GSM 850	-5.88
LTE	TDD-40	-1.92	GSM	GSM 900	0.24
LTE	TDD-41	0.97	GSM	DCS 1800	2.89
NR	N1	-2.56	GSM	PCS 1900	0.66
NR	N2	0.66	GPS	1176	-2.43
NR	N3	2.89	GPS	1575	-2.53
NR	N5	-5.88	2.4G WiFi-5/BT	2.4G-2.5G	0.88
NR	N7	0.97	5G WIFI-5	5.1G-5.85G	0.96
2.4G WiFi-6/BT	2.4G-2.5G	3.29	5G WIFI-6	5.1G-5.85G	0.11

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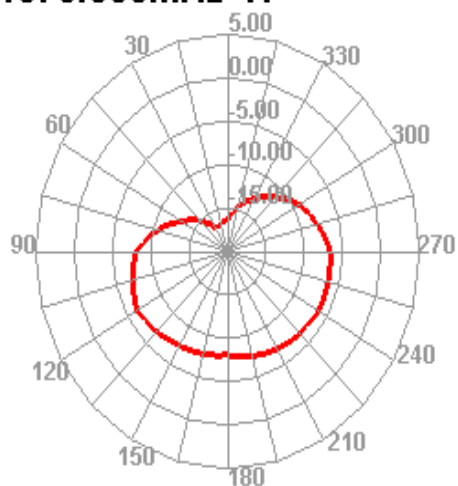
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GPS1575: ANT6

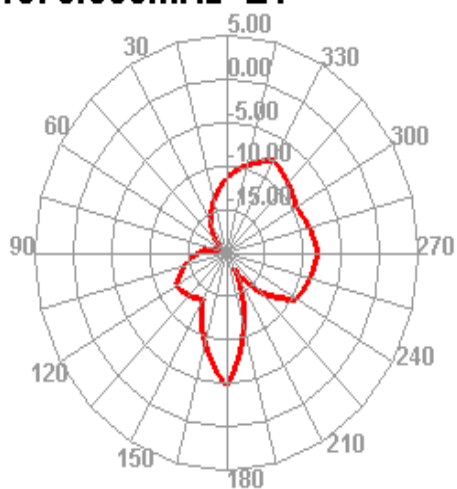
1575.000MHz



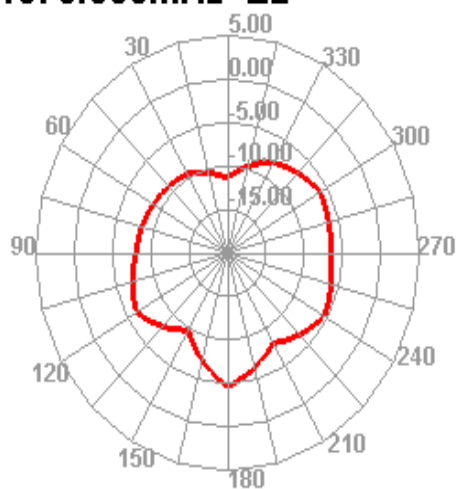
1575.000MHz H



1575.000MHz E1



1575.000MHz E2

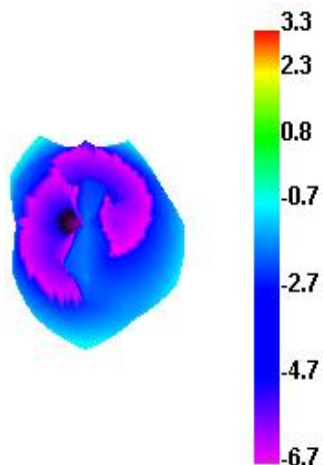


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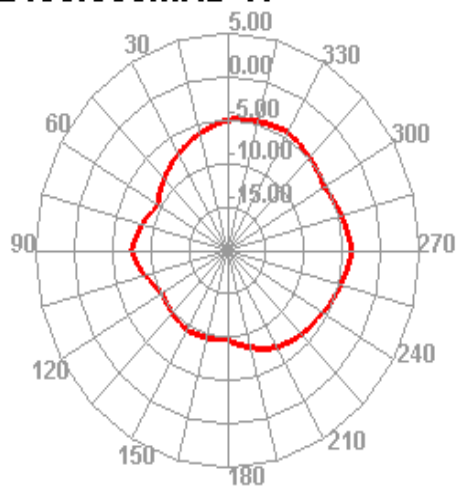
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WIFI-2.4G: ANT6

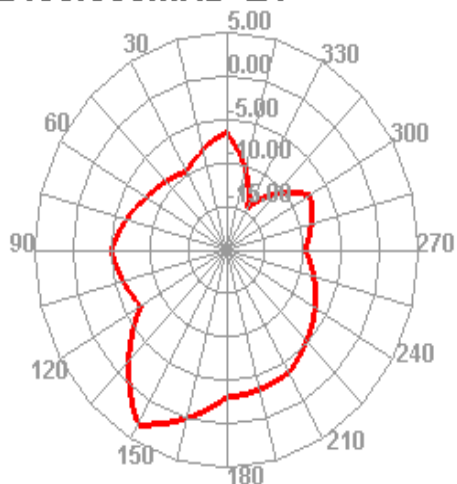
2480.000MHz



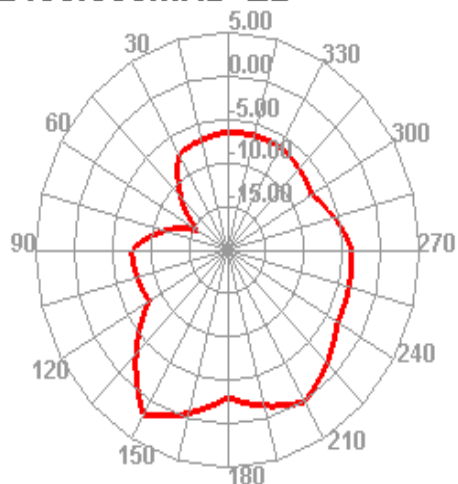
2480.000MHz H



2480.000MHz E1



2480.000MHz E2

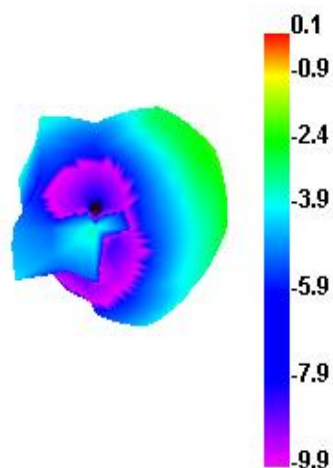


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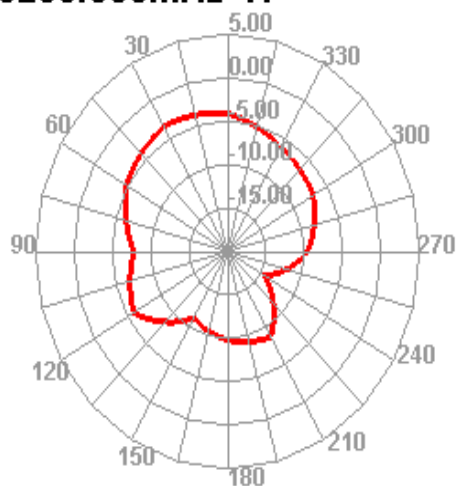
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WIFI-5.8G: ANT6

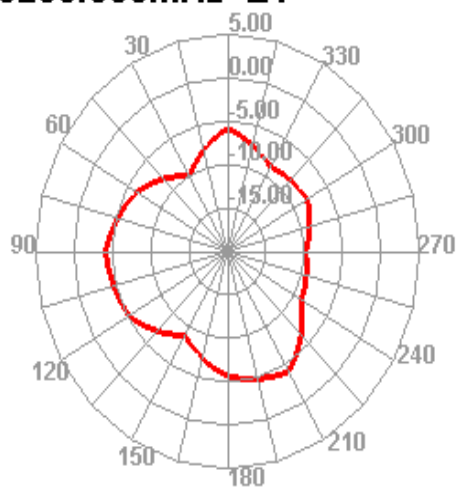
5250.000MHz



5250.000MHz H



5250.000MHz E1



5250.000MHz E2

