

Shenzhen Hongdezhixin Technology Co., LTD

han Road, Shiyan Street, Bao'an District, Shenzhen

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Antenna test report

Customer Name: Shenzhen Diwei Technology Co., Ltd.

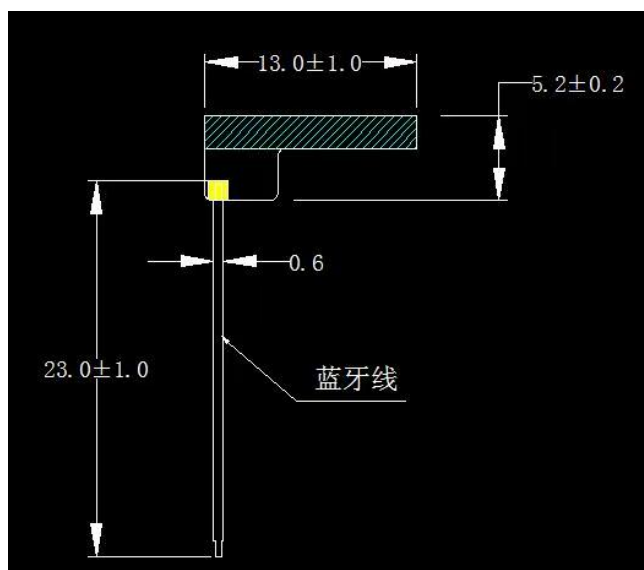
Project Name: Bluetooth Cable

Report date: 2026.3.8

Manufacturer: Shenzhen Hongdezhixin Technology Co., LTD

Engineering confirmation	Examine and approve		Customer confirmation	
Sun Jian	Guichunlei			

Antenna model :hdzx-622--0.6, line length 23mm



S e r i a l n u m b e r		Project configuration information					
	1	Working frequency band (MHz)	Blue tooth	2.4G			
	2	Type of mobile phone					
	3	Type of antenna					
	4	Antenna feed point form	OneFeed the feet				
5	Antenna form	Type of antenna	Electro nic cable				

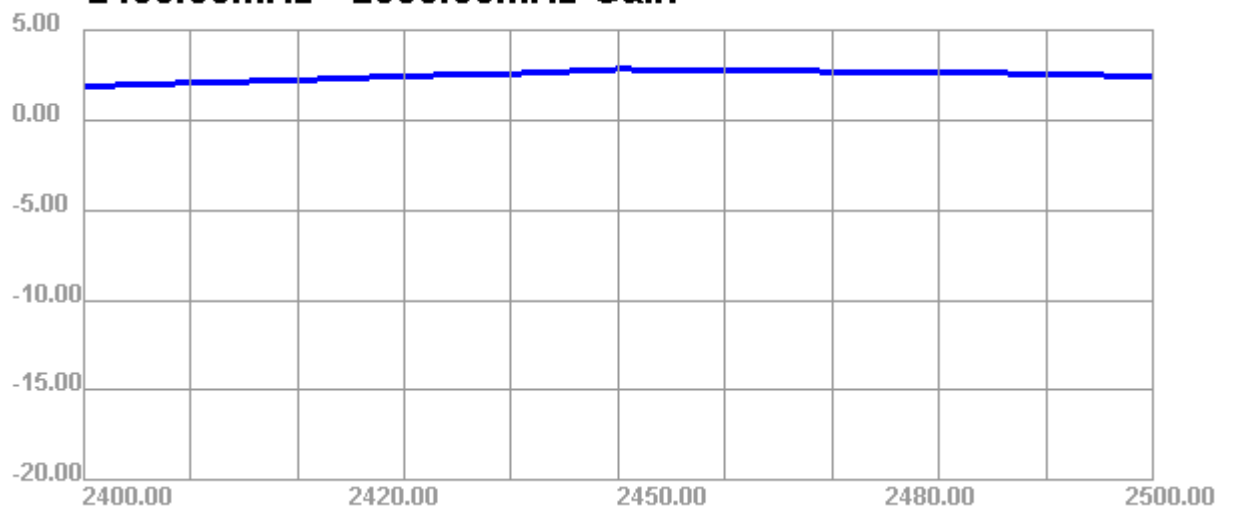


Electrical performance index of product

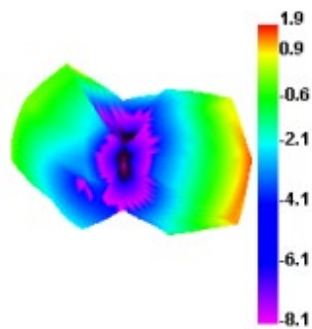
Operating frequency range	2400 ~ 2500 MHz
Standing wave ratio	2400 ~ 2500 MHz
Radiation efficiency	2400 ~ 2500MHz : > 20 %
Impedance	50 ohm
Product Material Description	
FPC	electrolytic copper wire
Product Environment Description	
Operating Temperature	- 30°C ~ + 85 °C
Storage Temperature	- 30°C ~ + 85 °C

Passive Test For WIFI2.4							
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)
2400	47.24	-3.26	1.94	0.29	21.703	25.534	2.44
2430	47.24	-3.26	2.44	0.29	21.703	25.534	2.44
2480	50.82	-2.94	2.69	0.54	23.835	28.984	2.69
2490	51.19	-2.91	2.53	0.38	24.579	29.615	2.53

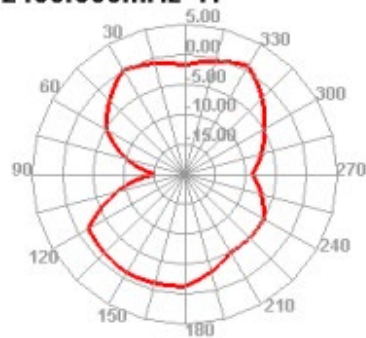
2400.00MHz - 2500.00MHz Gain



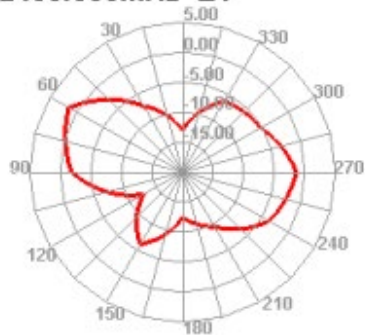
2400.000MHz



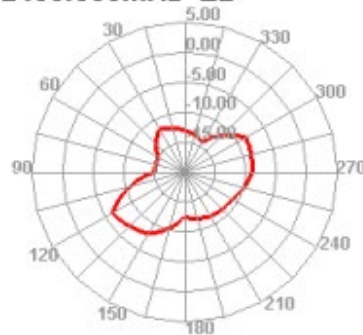
2400.000MHz H

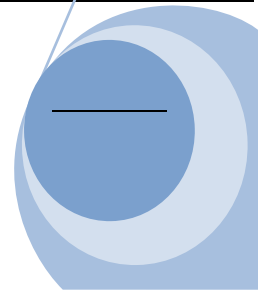
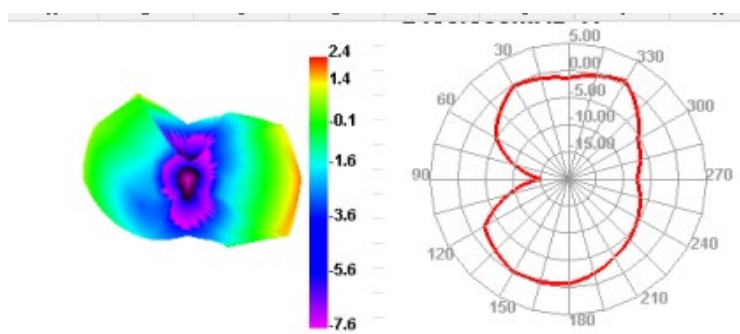


2400.000MHz E1

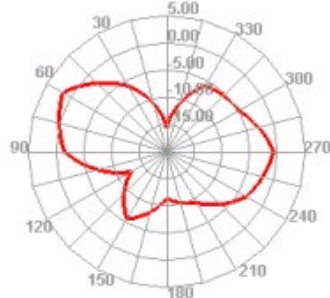


2400.000MHz E2

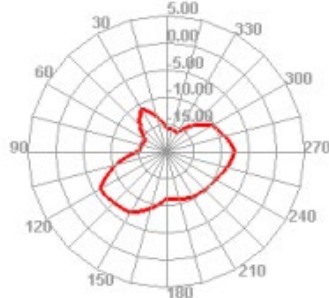




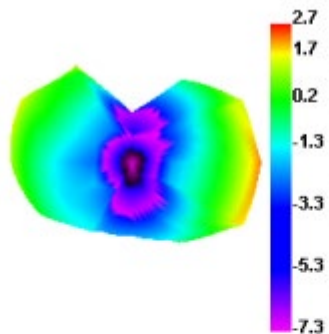
2430.000MHz E1



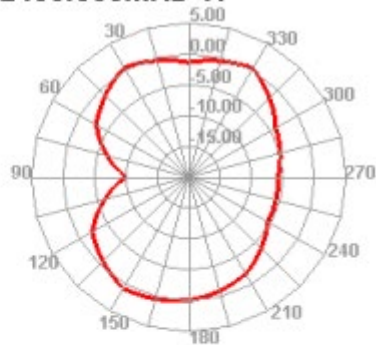
2430.000MHz E2



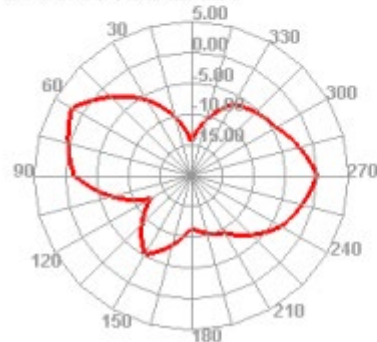
2480.000MHz



2480.000MHz H



2480.000MHz E1



2480.000MHz E2

