

深圳市创科华科技有限公司
Shenzhen Chuangkehua Technology Co., Ltd.

承 认 书
SPECIFICATION FOR
APPROVAL

客户
CUSTOMER 深圳市迈测科技股份有限公司

品名
DEACRIPTION SP1

物料编码:
PART NO 1312-00098-02

天线类型:
Antenna Type FPC

物料描述:
SPECIFICATIO BT 天线 线长: 124mm 3 代端子线径 0.81

APPROVED BY	SIGNATURE	DATE
Mechanical Engineer:	Zhou	2026-03-12
RF Engineer:	Chen	2026-03-12
Engineering Manager:	Wang	2026-03-12
Approved By Customer (as required):		

1.0 DESCRIPTIONS AND PART NUMBER:

1.1 DESCRIPTION;

The antenna mounts to the housing of the cellular phone. And after that, the feed point on the prolongation of metal plate should firmly touch the contact provided on the PCB in the respective area.

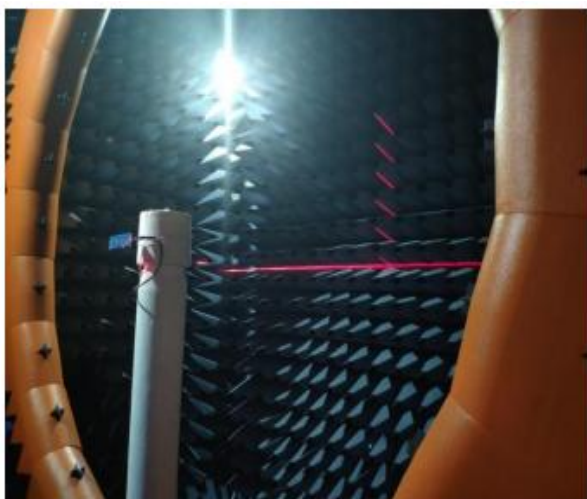
1.2 PART NUMBER

Part number	Frequency Band	HH Part Number
	Bt;2400Mhz-2500Mhz	

2.0 FREQUENCY BAND

BT;2400Mhz-2500Mhz

2.1 ACTIVE TEST REPORT



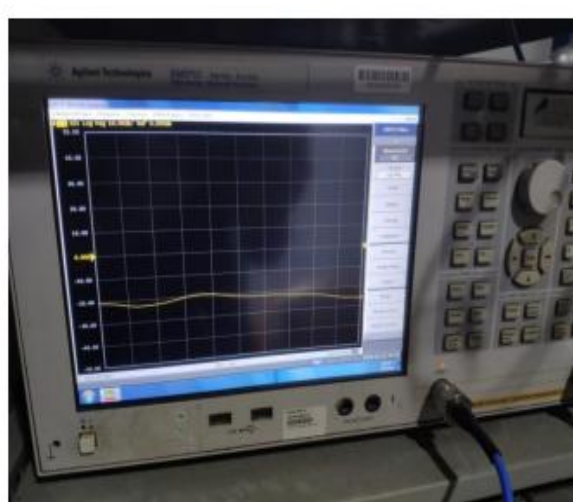
7*4*3M 3D微波暗室



MT8820C



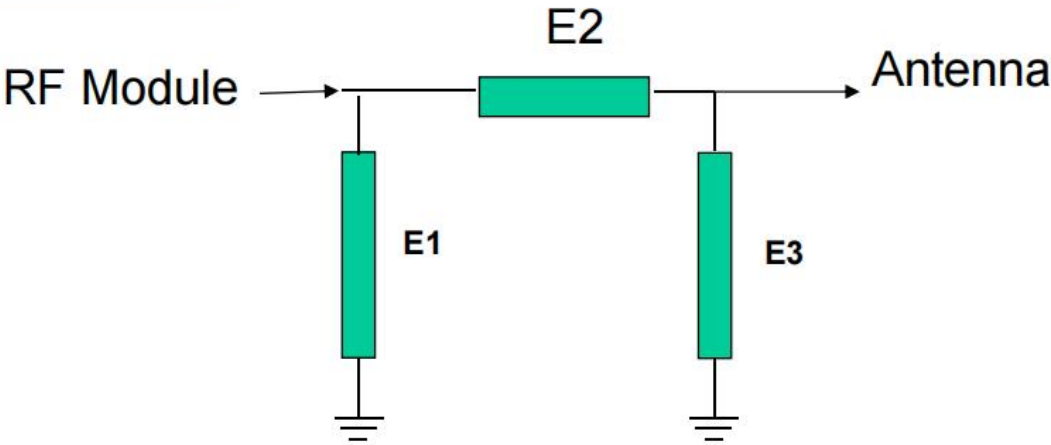
Agilent 8960



Agilent E5071C

4G匹配（未改动,按原匹配）

Element	E1	E2	E3
Value	/	/	/



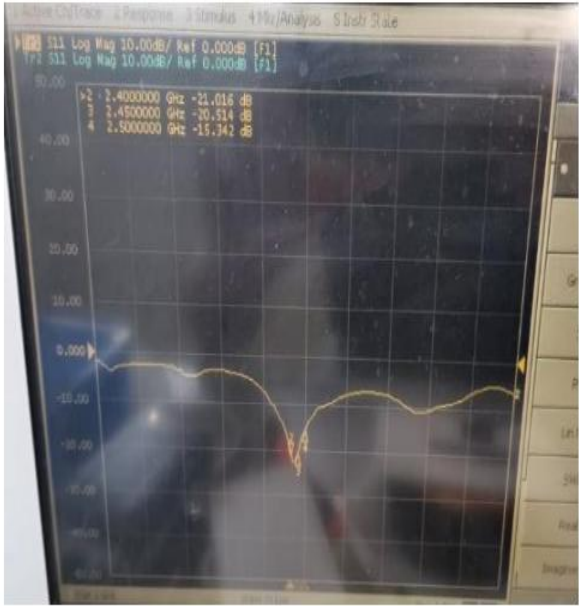
3.0 MECHANICAL SPECIFICATIONS:



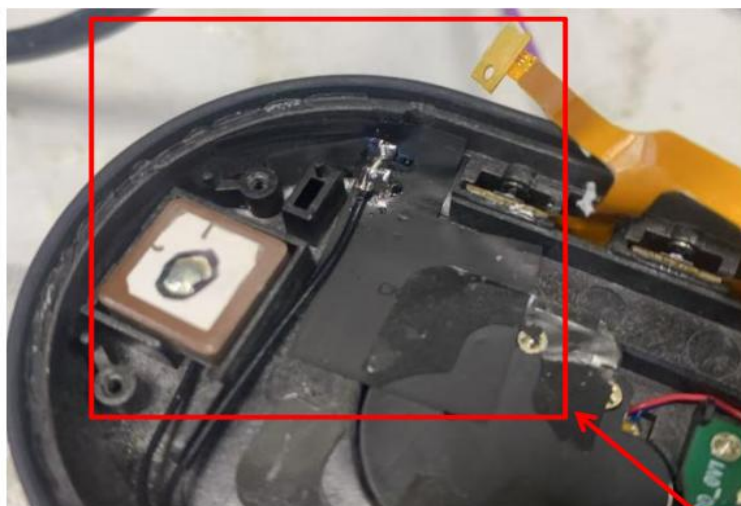
驻波图



回损图



Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	32.68	-4.86	0.24	-1.91	12.954	19.723	0.24	-14.94	47.51	47.63
2410	34.31	-4.65	0.43	-1.72	13.958	20.351	0.43	-15.05	47.34	47.64
2420	36.42	-4.39	0.52	-1.63	15.092	21.327	0.52	-14.46	47.27	47.45
2430	35.34	-4.52	0.31	-1.84	14.669	20.67	0.31	-14.56	47.09	47.44
2440	37.75	-4.23	0.54	-1.61	15.82	21.934	0.54	-13.72	47.25	47.56
2450	40.13	-3.96	0.86	-1.29	16.604	23.53	0.86	-13.29	47.42	47.77
2460	44.03	-3.56	1.31	-0.84	18.096	25.93	1.31	-13.58	47.67	47.91
2470	47.53	-3.23	1.64	-0.51	19.541	27.993	1.64	-13.97	47.7	48.04
2480	53.89	-2.68	2.12	-0.03	22.45	31.443	2.12	-13.76	47.89	48.23
2490	57.59	-2.4	2.40	0.31	24.1	33.491	2.40	-14.31	48.1	48.34
2500	56.11	-2.51	2.25	0.1	23.899	32.212	2.25	-14.87	47.94	48.19



如图所示：天线位置图

3.1 MECHANICAL CONFIGURATION

The appearance of the antenna is in accordance with drawing 40-SZ2618Q-01

3.2 CONNECTOR TYPE

The connector type is an embedded type.

FIGURE 2:Antenna Configuration

4.0 ENVIRONMENTAL SPECIFICATIONS

环境处理：WU

4.1 TEMPERATURE

Operating Temperature Range: -40°C~ +85°C

Storage Temperature Range: -40°C~ +120°C

4.2 SALT SPRAY TEST

Antenna be exposed in a 35°C, 5% salt fog chamber for 24 hours then check the appearance and performance against the specifications in normal temperature.

4.3 STATIC HUMIDITY TEST

The antenna is subjected to the following test:

Temperatures: +70°C and 90%--95%RH

Test Duration: 24 Hours

The antenna should not undergo any structural or functional change and remain within the electrical/mechanical specification.

5.0 PACKAGING

The antennas will be packed in bags, There are 100 or 200 antennas per bag. The bags are packed in corrugated fibreboard over box.

天线图纸:

