

分集天线规格书

Div Antenna specification

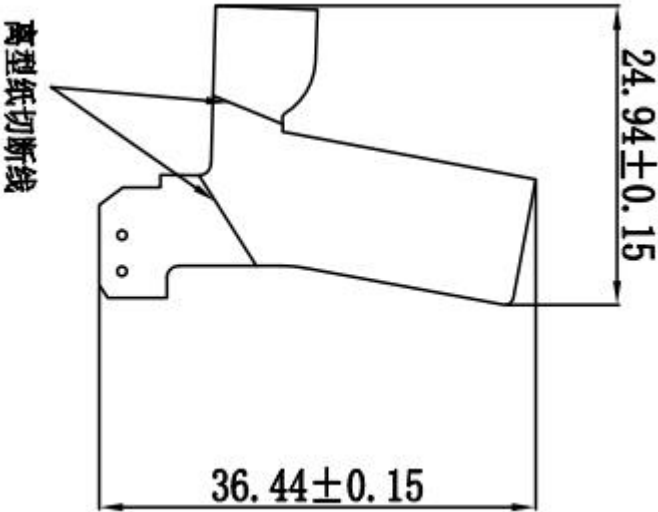
基本信息

General information

制造商 Manufacturer	Shenzhen be-comfortable Technology Co. Ltd.
地址 Address	No.1606,Build C6,HengFeng industrial city,xixiang street, baoan district,Shenzhen.
天线型号 Model Name	P1311-div ant
日期 Date	2023-10-19
版本Version	1.0

天线外观

Antenna Appearance



技术规格

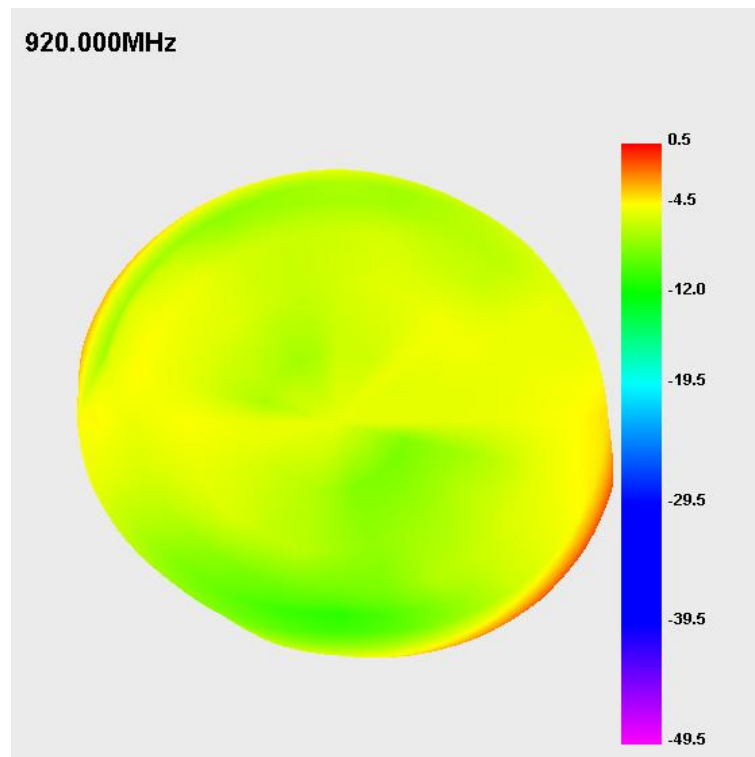
Technical Specifications

频率范围 Frequency Range	700MHZ-960MHZ+1710MHZ-2690MHZ
天线类型 Antenna Type	PIFA
尺寸 Dimensions	36.44mm*24.94mm*0.12mm
阻抗 Impedance	50 ohm
最大增益 Maximum Gain	1.5dbi
驻波比 VSWR	≤ 3
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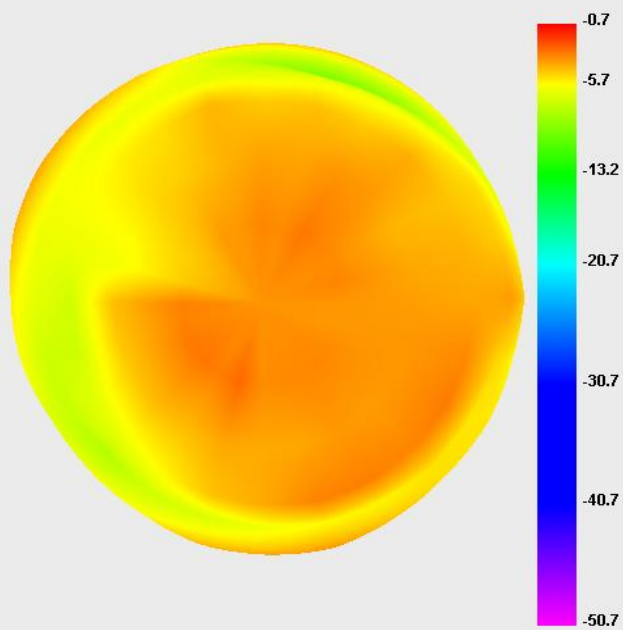
Efficiency and gain

Frequency (MHz)	Efficiency(%)	Gain (dB)	Frequency (MHz)	Efficiency(%)	Gain (dB)
700	0.86	-17.30	1700	30.03	0.02
740	1.27	-14.20	1800	35.14	-0.7
780	1.74	-12.81	1900	29.57	-2.12
820	3.22	-9.97	2000	23.93	-2.62
840	3.19	-10.44	2100	28.71	-2.4
860	5.49	-8.32	2200	30.09	-1.14
880	11.96	-5.77	2300	31.85	-0.71
900	15.54	-4.70	2400	46.38	1.3
920	33.77	0.47	2500	46.20	-0.01
940	46.06	0.13	2600	34.07	-0.77
960	28.92	-2.14	2700	35.01	-0.59

Free space 3D radiation pattern



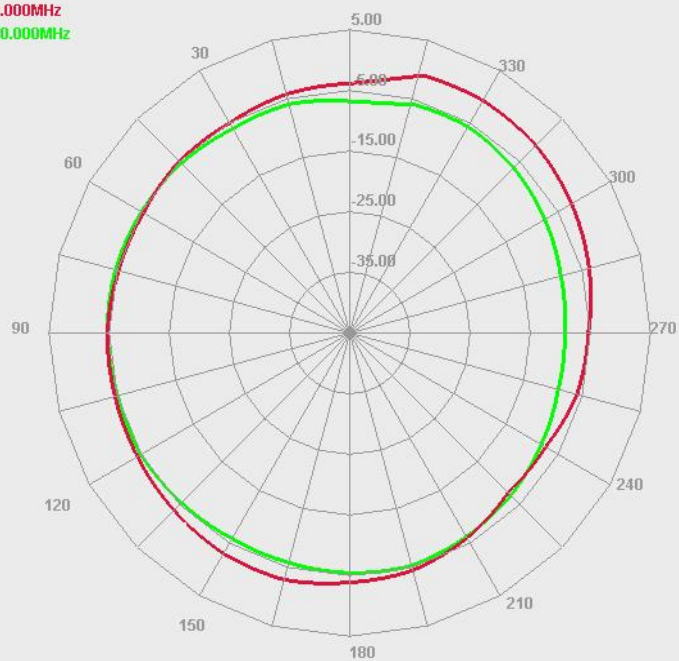
1800.000MHz



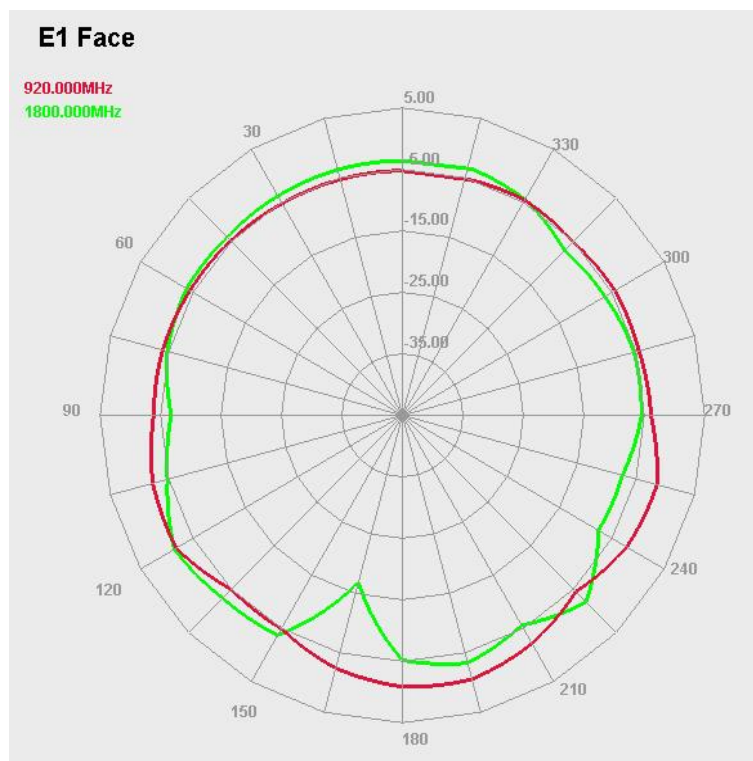
X-Y Plane
H Theta=90

Horizontal

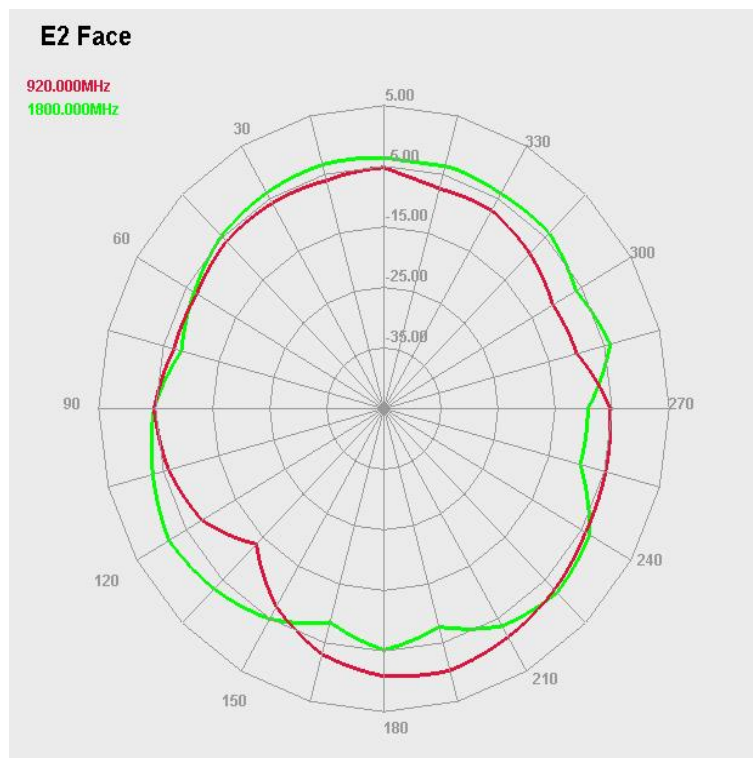
920.000MHz
1800.000MHz



X-Z Plane V Phi=0



Y-Z Plane V Phi=90



有源数据
OTA（TRP TIS）

测试频段	信道	SN：	
		TRP	TIS
GSM850	128	28.35	
	190	27.44	
	251	28.68	-106.75
GSM900	1	27.09	
	62	25.22	
	124	25.01	-103.69
DCS	512	25.99	
	698	26.46	
	885	26.47	-105.77
PCS	512	25.07	
	661	24.83	
	810	25.01	-105.36
WCDMA-B1	10562	18.62	
	10700	18.08	
	10838	18.29	-107.29
WCDMA-B2	9662	19.14	
	9800	18.75	
	9938	17.44	-107.13
WCDMA-B4	1537	18.7	
	1638	19.64	
	1738	19.06	-107.44
WCDMA-B5	4387	19.72	
	4400	19.88	
	4413	19.89	-107.5
WCDMA-B8	2937	18.12	
	3013	17.49	
	3088	16.53	-104.5
LTE-B1 10M	50	19.75	
	300	19.07	
	550	19.46	-94.98
LTE-B2 10M	650	19.91	
	900	19.33	
	1150	17.68	-94.79
LTE-B3 10M	1250	19.59	
	1575	20.1	

	1900	20.48	-96.09
LTE-B4 10M	2000	19.65	
	2175	20.61	
	2350	19.97	-95.08
LTE-B5 10M	2450	19.82	
	2525	20.06	
	2600	19.67	-88.79
LTE-B7 10M	2800	20.43	
	3100	20.22	
	3400	19.24	-90.12
LTE-B12 10M	5060	15.77	
	5095	15.84	
	5130	15.42	-87
LTE-B17 10M	5780	17.85	
	5790	17.72	
	5800	17.47	-86.83
LTE-B25 10M	8090	19.43	
	8365	18.09	
	8640	17.99	-94.82
LTE-B26 10M	26740	19.2	
	26865	19.76	
	26990	19.77	-95.34
LTE-B28 10M	9260	16.6	
	9435	16.2	
	9610	15.01	-89.43
LTE-B38 10M	37850	19.86	
	38000	19.65	
	38150	18.79	-93.28
LTE-B41 10M	40340	19.72	
	40620	19.78	
	41140	17.92	-91.15

产品包装规范

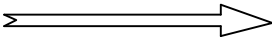
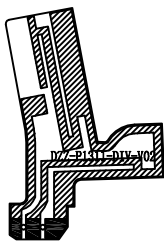
日期：2023.9.7

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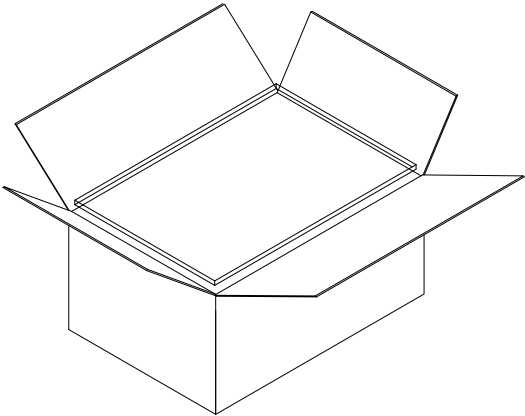
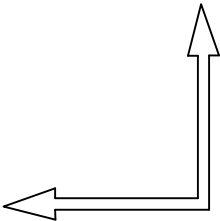
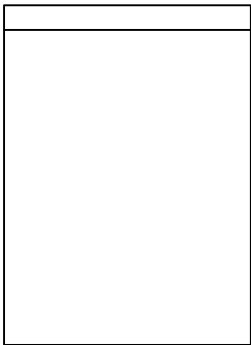
成品类型：1311天线

版本：A

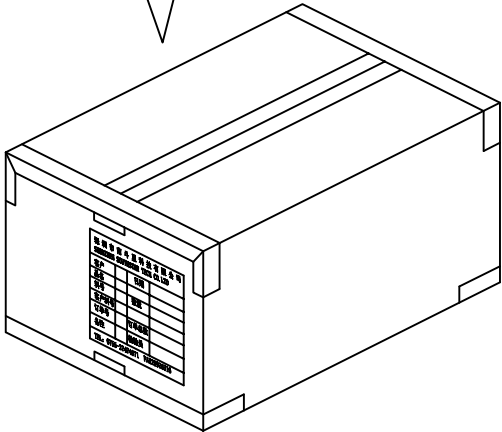
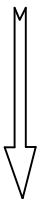
一：成品天线



二：用PE袋整版包装，一袋装1000pcs。



三：装一箱，一箱装12000PCS（以实际包装为准）



四：封箱, 外箱贴我司生产标签和 ROHS 标签.

批准：_____

确认：_____

拟制：田进