

天线技术规格书 Antenna Specification

Brand Name: QS1036

Manufacture: Shenzhen Yesheng Communication Technology Co., Ltd.

Manufacturing address: Room 3010-3011, Building 34, Chentian Industrial Zone,
Xixiang Street, Bao'an District, Shenzhen

Product Number (or model Name) : QS1036/YST-20230220-OS1036-MTK

设计规格 specifications

频率范围 Frequency (MHz)	620MHz~690MHz 700MHz~746MHz 824MHz~960MHz 1710MHz~2690MHz 1575MHz~5850MHz
电压驻波比 VSWR	$\leq 2.0: 1$
峰值增益 Peak Gain (dBi)	See data sheet
效率 Efficiency (%)	≥ 60
隔离度 Isolation (dB)	≤ -15
天线类型 Type	PIFA Antenna
辐射方向 Radiation Properties	线型 Omni-directional
最大输入功率 Max Input Power (Watts)	2
极化方式 Polarization	水平 horizontal
阻抗 Impedance (Ohms)	50
工作温度 Operation Temperature	-45°C to 65°C
储存温度 Storage Temperature	-16°C to 25°C
相对湿度 Relative Humidity	0% to 80%
环保认证 ROHS Compliant	通过 Yes

QS1036 主天线数据 MAIN Antenna Data

Shenzhen Yesheng Communication Technology Co.,Ltd.									
Frequency ID	1	2	3	4	5	6	7	8	9
Frequency (MHz)	GSM850	GSM900	DCS1800	PCS1900	WCDMA-B2	WCDMA-B4	WCDMA-B5	LTE Band/B2	LTE Band/B4
Gain (dBi)	0.90	0.80	1.20	1.40	1.40	1.20	0.90	1.40	1.20
Efficiency (%)	28.00	25.00	35.00	39.00	39.00	35.00	28.00	39.00	35.00

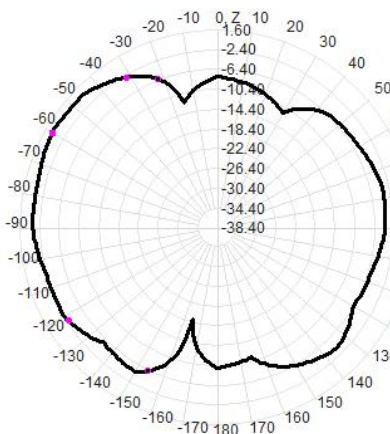
Shenzhen Yesheng Communication Technology Co.,Ltd.							
10	11	12	13	14	15	16	17
LTE Band/B5	LTE Band/B12	LTE Band/B17	LTE Band/B25	LTE Band/B26	LTE Band/B66	LTE Band/B71	LTE Band/B41
0.90	1.10	1.10	1.40	0.90	1.20	1.20	2.00
28.00	26.00	26.00	39.00	28.00	35.00	25.00	40.00

QS1036 三合一天线数据 GWB Antenna Data

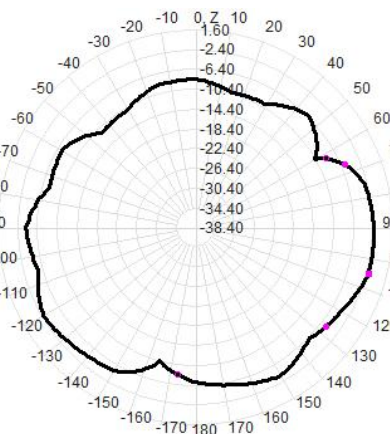
Shenzhen Yesheng Communication Technology Co.,Ltd.				
Frequency ID	1	2	3	4
Frequency (MHz)	GPS	WIFI2.4G	BT	WIFI-5G
Gain (dBi)	1.20	1.60	1.60	1.40
Efficiency (%)	30.00	38.00	38.00	37.00

辐射方向图 Radiation Patterns(unit:dB)

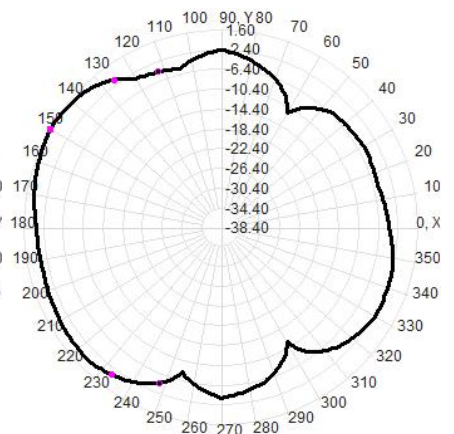
WIFI 2.4G (E1-XZ)



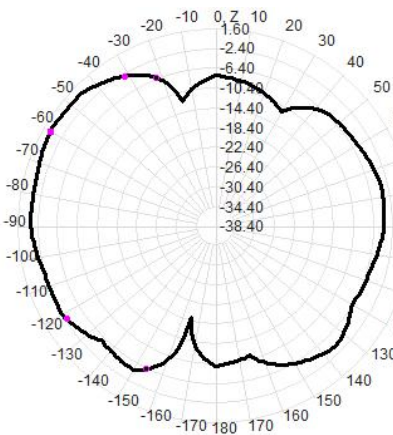
WIFI 2.4G (E2-YZ)



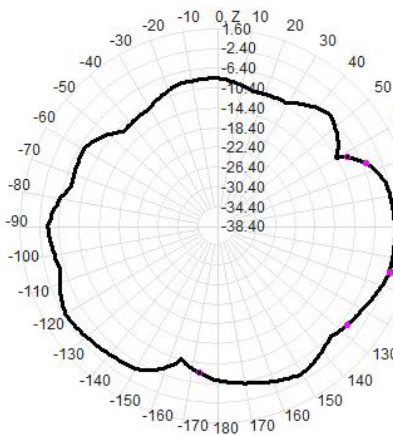
WIFI 2.4G (H-XY)



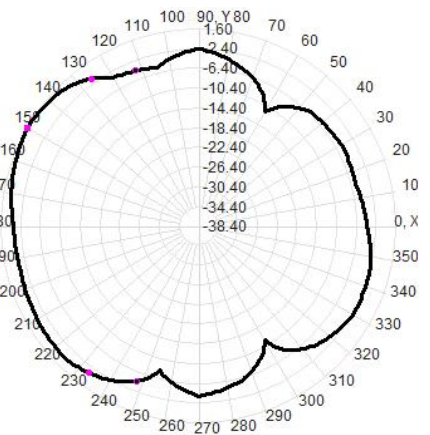
BT (E1-XZ)



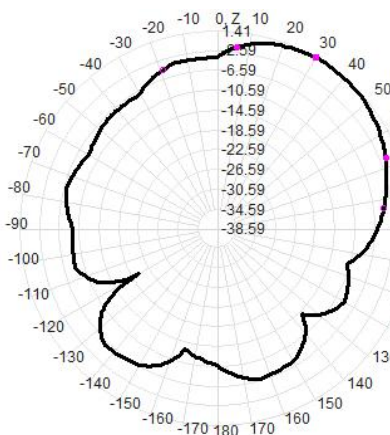
BT (E2-YZ)



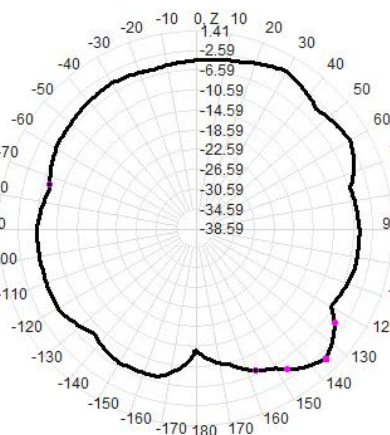
BT (H-XY)



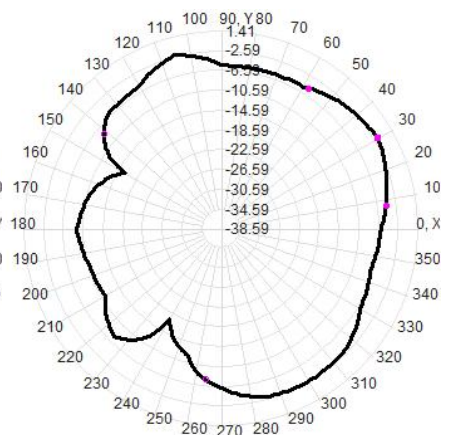
WIFI 5G (E1-XZ)



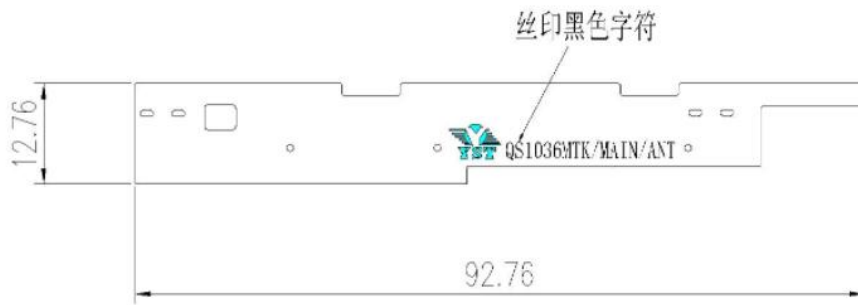
WIFI 5G(E2-YZ)



WIFI 5G(H-XY)



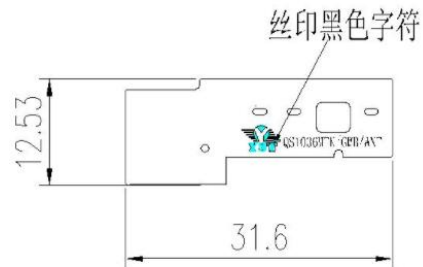
总天线 Total Antenna (unit:mm)



MAIN Antenna



DIV Antenna



GWB Antenna



MAIN /DIV/GWB Antenna

▲规格书到此结束 END OF THE SPECIFICATION. Date June27, 2023

保密要求