

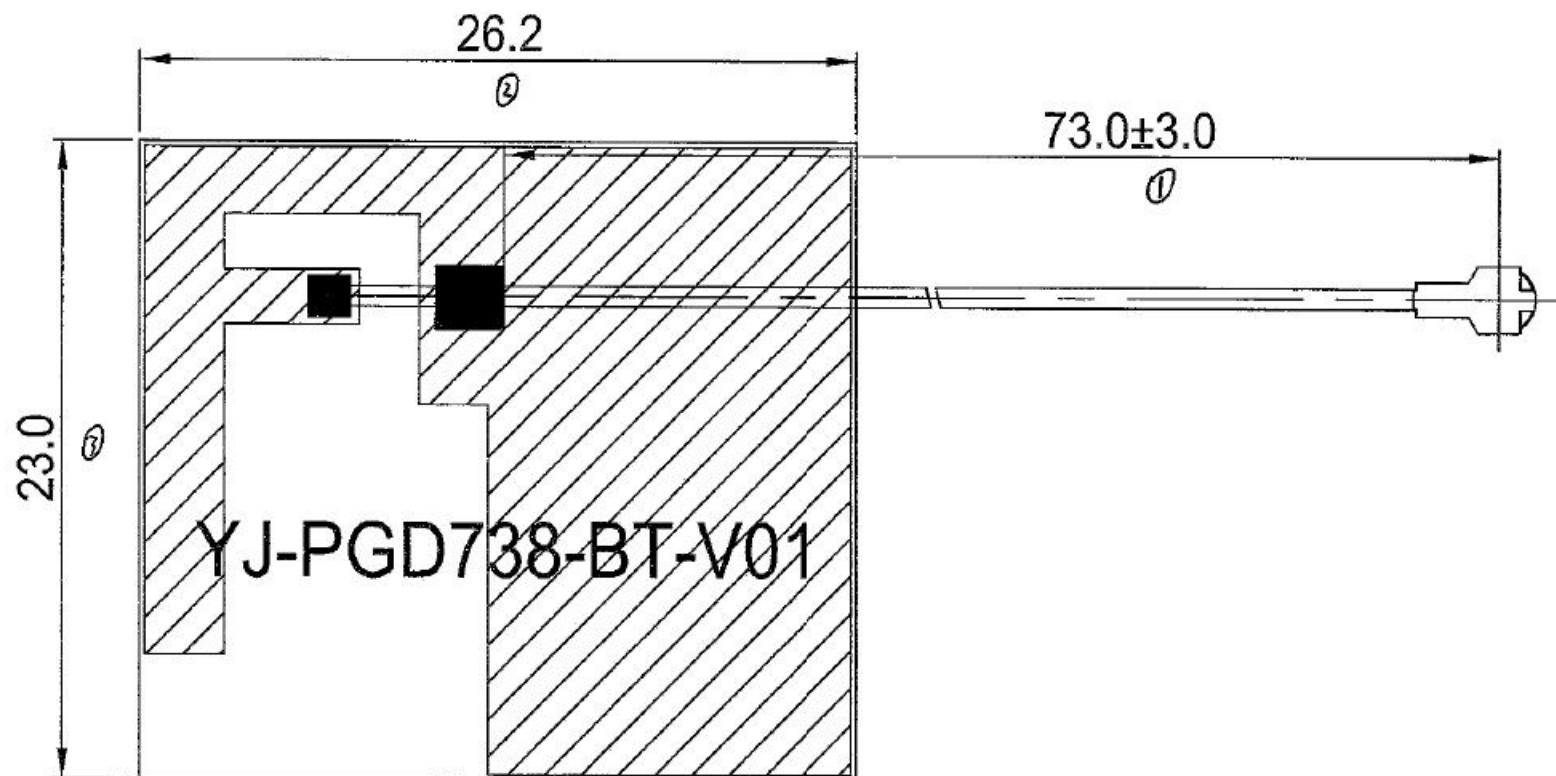
承认书项目表

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RoHS
Compatible

CUSTOMER	盛世科技
PART NO	PGD738

REV.	DESCRIPTION	DATE
△	首次发行	2019-12-06



3	FPC	26.2*23.0mm	FPCB	FPC100XXA.P01	1
2	Coaxial Cable	O.D.0.81Black ④	O.D.0.81	COA100XXA.P01	1
1	Mini Connector	Au Plated 3代 ⑤	Cu	TER10003A.P01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY

PART NAME: BT Antenna

PART NO.: YJ029W.300201.W02

DATE: 2019-12-06

APPROVED BY	CHECKED BY	DESIGNED BY	④	Tolerance
			UNITS: mm	X.X ±0.50
			SCALE: 1/1	X.XX±0.15
			REVISION: A	X° ±3°

天线规格

Antenna Specification

Electrical Properties

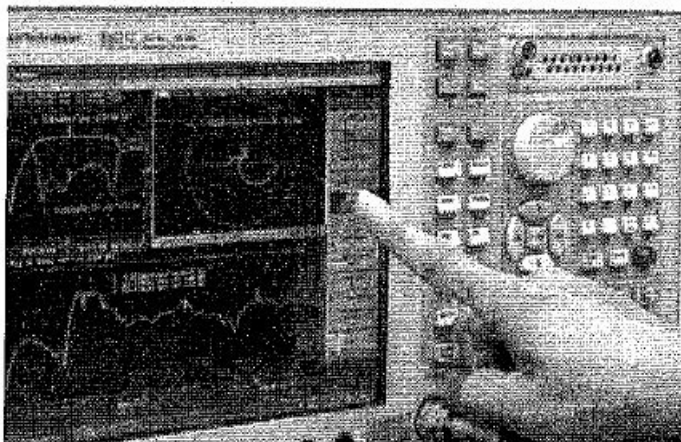
Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	3.4dBi
Polarization	Linear
Connector	None

Physical Properties

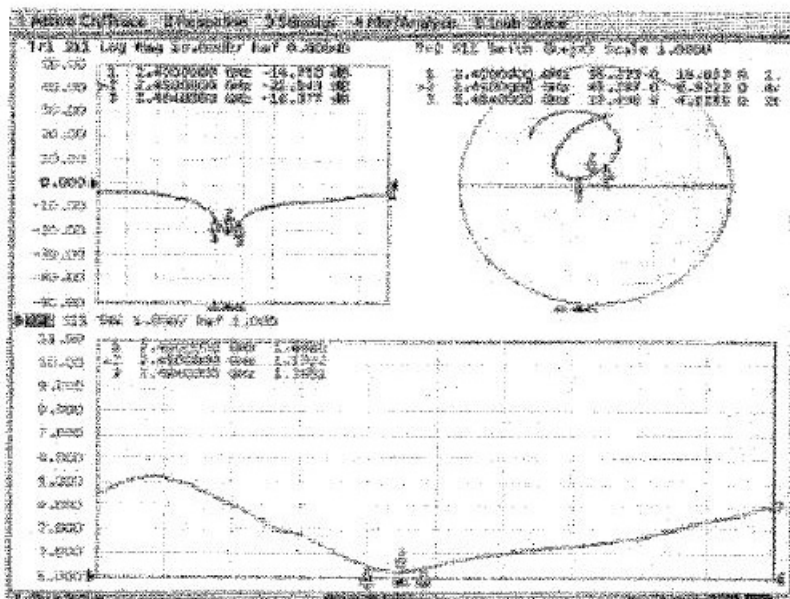
Antenna Material	FPC
Cable Type	O.D.0.81mm//L=73mm
Operating Temp.	-40~+85 °C
Storage Temp.	40~ +85 °C
Cable Color	Black

Antenna Performance Test

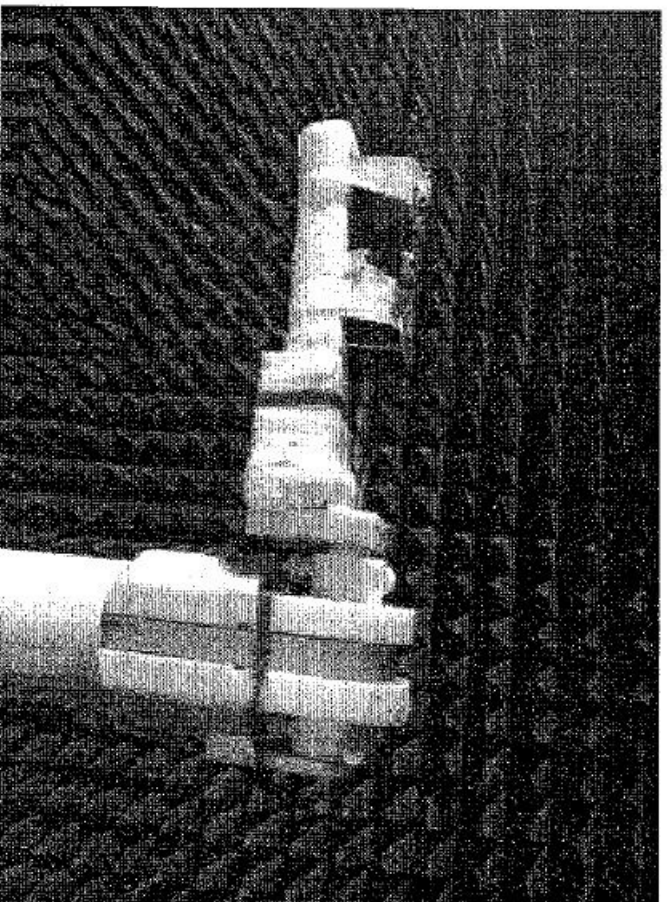
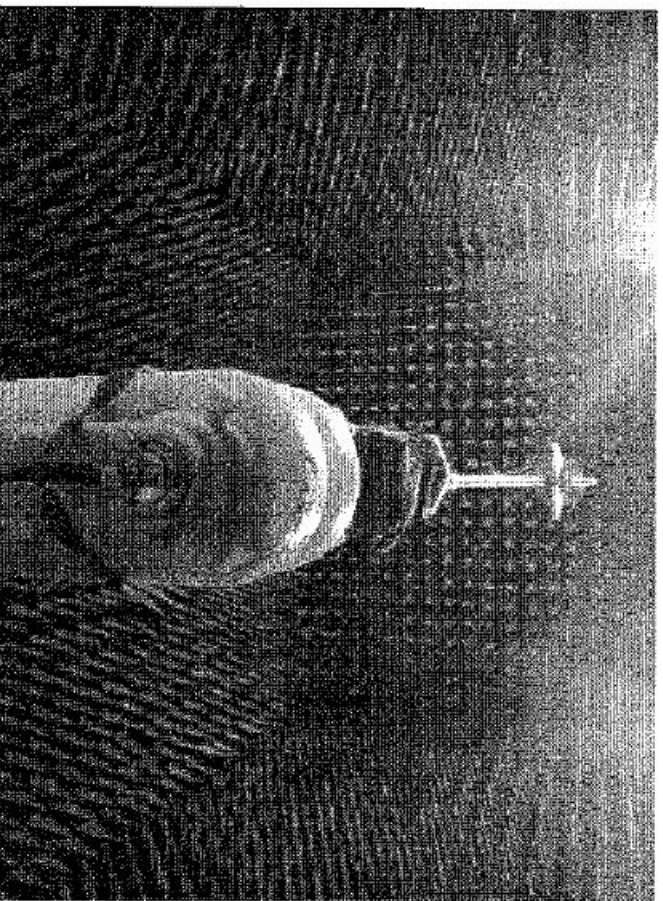
**Agilent
E5071B**



**S
Parameter
Test //
BT**



Antenna Passive Test



Passive Test For WiFi(2.4G)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dbi)
2400	59.7	-2.2	2.8
2410	60.8	-2.2	2.7
2420	61.4	-2.1	2.9
2430	61.2	-2.1	3.1
2440	61.7	-2.1	3.3
2450	62.5	-2.0	3.4
2460	61.6	-2.1	3.3
2470	60.4	-2.2	3.2
2480	58.6	-2.3	2.9
2490	58.1	-2.4	2.7
2500	57.3	-2.4	2.8