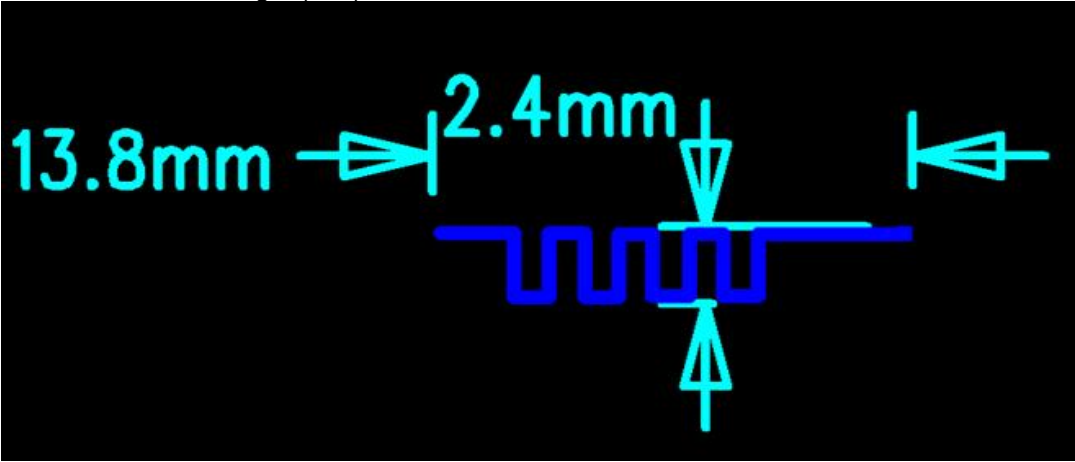


2. 4G-2. 48G 频段板载PIFA天线测试报告

2. 4G-2. 48G Antenna Specification

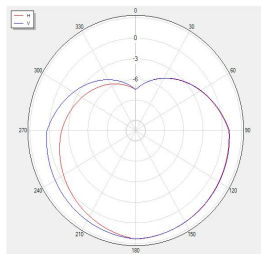
SPECIFICATIONS	
ITEM	ANT SPEC
Model Name	2.4G onboardANT
MAX.Gain	3.43dBi
Polarization	Horizontal and Vertical
Azimuth Beam pattern	Omni-directional
Impedance	50 Ohm
Antenna Length	13.8mm
Manufacture	Shenzhen Junyue Internet Technology Co., Ltd

Antenna Photo & Length (mm)

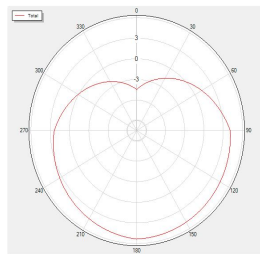


Standard	Band	Chan	BW	Freq	Type	MAX	TRP/TIS	GainLoss
BT	BLUETOOTH	0	1	2402	Trp	9.44	4.56	0
BT	BLUETOOTH	39	1	2441	Trp	7.31	3.43	0
BT	BLUETOOTH	78	1	2480	Trp	3.61	0.42	0
BT	BLUETOOTH	0	1	2402	Tis_Rssi	-94	-89.13	0
BT	BLUETOOTH	39	1	2441	Tis_Rssi	-95.01	-91.12	0
BT	BLUETOOTH	78	1	2480	Tis_Rssi	-92.5	-89.31	0

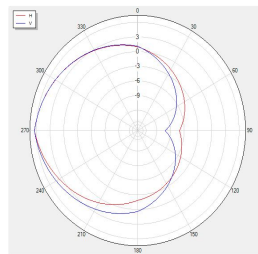
BLUETOOTH_Trp_H0 Polar



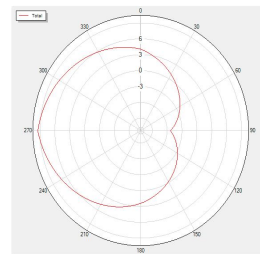
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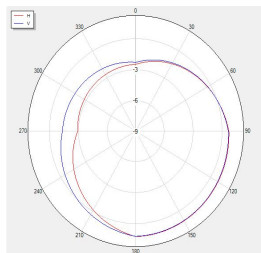
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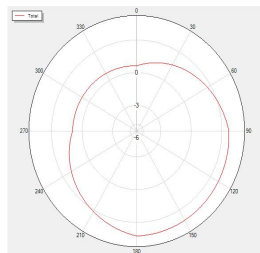
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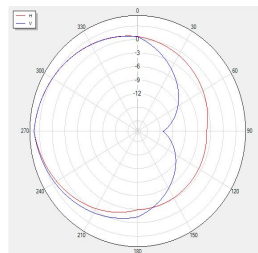
BLUETOOTH_Trp_H39 Polar



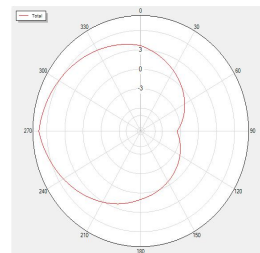
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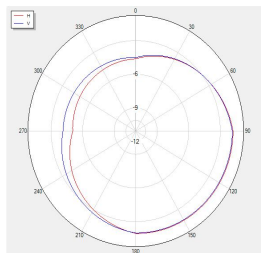
BLUETOOTH_Trp_V39 Polar



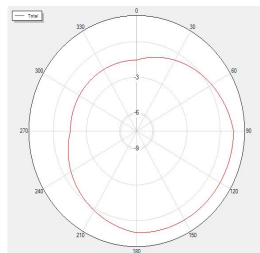
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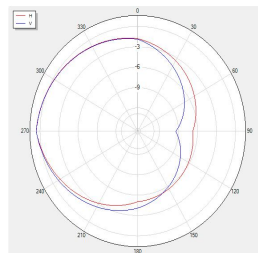
BLUETOOTH_Trp_H78 Polar



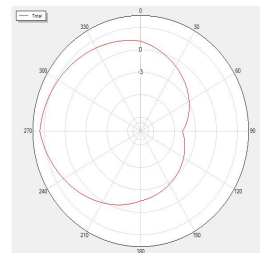
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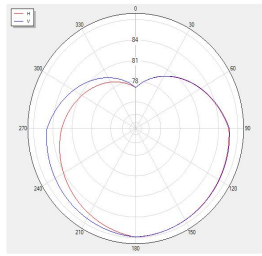
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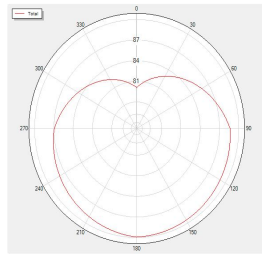
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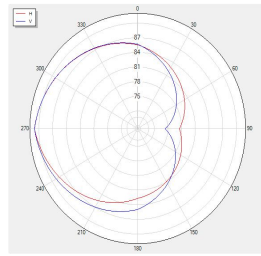
BLUETOOTH_Tis_Rssi_H0 Polar



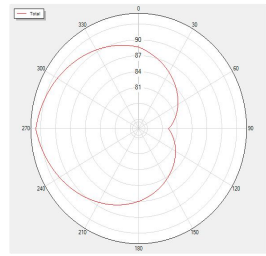
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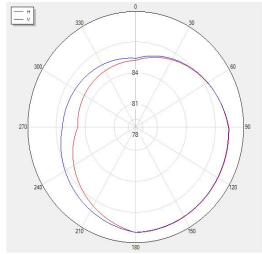
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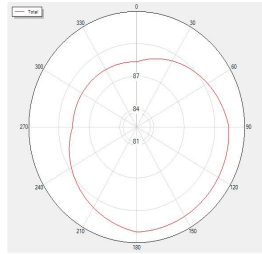
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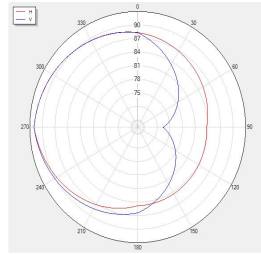
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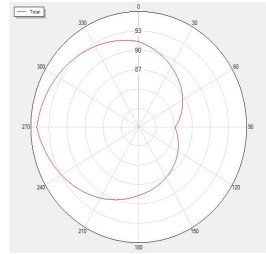
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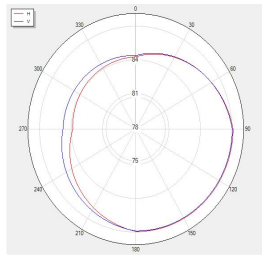
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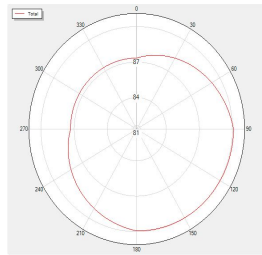
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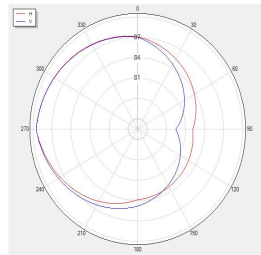
BLUETOOTH_Tis_Rssi_H78 Polar



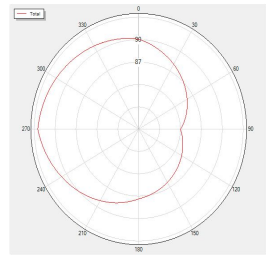
BLUETOOTH_Tis_Rssi_H78 Total



BLUETOOTH_Tis_Rssi_V78 Polar



BLUETOOTH_Tis_Rssi_V78 Total



Theta0

PolarH

Standard	Band	Channel	Freq	Type	EIRP/ETIS0	EIRP/ETIS90	EIRP/ETIS180	EIRP/ETIS270
BT	BLUETOOTH	0	2402	Trp	-7.454456375	-7.454456375	-7.454456375	-7.454456375
BT	BLUETOOTH	39	2441	Trp	-2.463550625	-2.463550625	-2.463550625	-2.463550625
BT	BLUETOOTH	78	2480	Trp	-4.597206125	-4.597206125	-4.597206125	-4.597206125
BT	BLUETOOTH	0	2402	Tis_Rssi	-77.11352525	-77.11352525	-77.11352525	-77.11352525
BT	BLUETOOTH	39	2441	Tis_Rssi	-85.23346338	-85.23346338	-85.23346338	-85.23346338
BT	BLUETOOTH	78	2480	Tis_Rssi	-84.29247665	-84.29247665	-84.29247665	-84.29247665

PolarV

Standard	Band	Chan	Freq	Type	EIRP/EIS0	EIRP/EIS90	EIRP/EIS180	EIRP/EIS270	
BT	BLUETOOTH	0	2402	Trp	-7.465205875	-7.465205875	-7.465205875	-7.465205875	0
BT	BLUETOOTH	39	2441	Trp	-2.276443625	-2.276443625	-2.276443625	-2.276443625	0
BT	BLUETOOTH	78	2480	Trp	-4.487739625	-4.487739625	-4.487739625	-4.487739625	0
BT	BLUETOOTH	0	2402	Tis_Rssi	-77.10277575	-77.10277575	-77.10277575	-77.10277575	0
BT	BLUETOOTH	39	2441	Tis_Rssi	-85.42057038	-85.42057038	-85.42057038	-85.42057038	0
BT	BLUETOOTH	78	2480	Tis_Rssi	-84.40194315	-84.40194315	-84.40194315	-84.40194315	0

Theta90

PolarH

Standard	Band	Channel	Freq	Type	EIRP/ETIS0	EIRP/ETIS90	EIRP/ETIS180	EIRP/ETIS270
BT	BLUETOOTH	0	2402	Trp	1.031414125	-7.0518035	-1.9197425	6.432018375
BT	BLUETOOTH	39	2441	Trp	0.710895538	-3.963909125	-2.93528	4.302986
BT	BLUETOOTH	78	2480	Trp	-1.766944875	-6.74528875	-5.05948625	0.610317225
BT	BLUETOOTH	0	2402	Tis_Rssi	-85.59939575	-77.51617813	-82.64823913	-91
BT	BLUETOOTH	39	2441	Tis_Rssi	-88.40790954	-83.73310488	-84.761734	-92
BT	BLUETOOTH	78	2480	Tis_Rssi	-87.1227379	-82.14439403	-83.83019653	-89.5

PolarV

Standard	Band	Chan	Freq	Type	EIRP/EIS0	EIRP/EIS90	EIRP/EIS180	EIRP/EIS270	
BT	BLUETOOTH	0	2402	Trp	1.140247125	-10.17150625	0.357959725	6.42138675	0
BT	BLUETOOTH	39	2441	Trp	0.65561295	-14.30946125	-1.349853375	4.294464125	0
BT	BLUETOOTH	78	2480	Trp	-1.83977125	-9.430233	-4.121307375	0.587863913	0
BT	BLUETOOTH	0	2402	Tis_Rssi	-85.70822875	-74.39647538	-84.92594135	-90.98936838	0
BT	BLUETOOTH	39	2441	Tis_Rssi	-88.35262695	-73.38755275	-86.34716063	-91.99147813	0
BT	BLUETOOTH	78	2480	Tis_Rssi	-87.04991153	-79.45944978	-84.7683754	-89.47754669	0

Theta180

PolarH

Standard	Band	Channel	Freq	Type	EIRP/ETIS0	EIRP/ETIS90	EIRP/ETIS180	EIRP/ETIS270
BT	BLUETOOTH	0	2402	Trp	2.331543	2.331543	2.331543	2.331543
BT	BLUETOOTH	39	2441	Trp	1.2326585	1.2326585	1.2326585	1.2326585
BT	BLUETOOTH	78	2480	Trp	-1.96757525	-1.96757525	-1.96757525	-1.96757525
BT	BLUETOOTH	0	2402	Tis_Rssi	-86.89952463	-86.89952463	-86.89952463	-86.89952463
BT	BLUETOOTH	39	2441	Tis_Rssi	-88.9296725	-88.9296725	-88.9296725	-88.9296725
BT	BLUETOOTH	78	2480	Tis_Rssi	-86.92210753	-86.92210753	-86.92210753	-86.92210753

PolarV

Standard	Band	Chan	Freq	Type	EIRP/EIS0	EIRP/EIS90	EIRP/EIS180	EIRP/EIS270	
BT	BLUETOOTH	0	2402	Trp	2.3047295	2.3047295	2.3047295	2.3047295	0
BT	BLUETOOTH	39	2441	Trp	1.20558175	1.20558175	1.20558175	1.20558175	0
BT	BLUETOOTH	78	2480	Trp	-2.01602175	-2.01602175	-2.01602175	-2.01602175	0
BT	BLUETOOTH	0	2402	Tis_Rssi	-86.87271113	-86.87271113	-86.87271113	-86.87271113	0
BT	BLUETOOTH	39	2441	Tis_Rssi	-88.90259575	-88.90259575	-88.90259575	-88.90259575	0
BT	BLUETOOTH	78	2480	Tis_Rssi	-86.87366103	-86.87366103	-86.87366103	-86.87366103	0

Theta0

PolarH

Standard	Band	Channel	Freq	Type	EIRP/ETIS0	EIRP/ETIS90	EIRP/ETIS180	EIRP/ETIS270
BT	BLUETOOTH	0	2402	Trp	-7.454456375	-7.454456375	-7.454456375	-7.454456375
BT	BLUETOOTH	39	2441	Trp	-2.463550625	-2.463550625	-2.463550625	-2.463550625
BT	BLUETOOTH	78	2480	Trp	-4.597206125	-4.597206125	-4.597206125	-4.597206125
BT	BLUETOOTH	0	2402	Tis_Rssi	-7.454456375	-7.454456375	-7.454456375	-7.454456375
BT	BLUETOOTH	39	2441	Tis_Rssi	-2.463550625	-2.463550625	-2.463550625	-2.463550625
BT	BLUETOOTH	78	2480	Tis_Rssi	-4.597206125	-4.597206125	-4.597206125	-4.597206125

PolarV

Standard	Band	Chan	Freq	Type	EIRP/EIS0	EIRP/EIS90	EIRP/EIS180	EIRP/EIS270	
BT	BLUETOOTH	0	2402	Trp	-7.465205875	-7.465205875	-7.465205875	-7.465205875	0
BT	BLUETOOTH	39	2441	Trp	-2.276443625	-2.276443625	-2.276443625	-2.276443625	0
BT	BLUETOOTH	78	2480	Trp	-4.487739625	-4.487739625	-4.487739625	-4.487739625	0
BT	BLUETOOTH	0	2402	Tis_Rssi	-7.465205875	-7.465205875	-7.465205875	-7.465205875	0
BT	BLUETOOTH	39	2441	Tis_Rssi	-2.276443625	-2.276443625	-2.276443625	-2.276443625	0
BT	BLUETOOTH	78	2480	Tis_Rssi	-4.487739625	-4.487739625	-4.487739625	-4.487739625	0

Theta90

PolarH

Standard	Band	Channel	Freq	Type	EIRP/ETIS0	EIRP/ETIS90	EIRP/ETIS180	EIRP/ETIS270
BT	BLUETOOTH	0	2402	Trp	1.031414125	-7.0518035	-1.9197425	6.432018375
BT	BLUETOOTH	39	2441	Trp	0.710895538	-3.963909125	-2.93528	4.302986
BT	BLUETOOTH	78	2480	Trp	-1.766944875	-6.74528875	-5.05948625	0.610317225
BT	BLUETOOTH	0	2402	Tis_Rssi	1.031414125	-7.0518035	-1.9197425	6.432018375
BT	BLUETOOTH	39	2441	Tis_Rssi	0.710895538	-3.963909125	-2.93528	4.302986
BT	BLUETOOTH	78	2480	Tis_Rssi	-1.766944875	-6.74528875	-5.05948625	0.610317225

PolarV

Standard	Band	Chan	Freq	Type	EIRP/EIS0	EIRP/EIS90	EIRP/EIS180	EIRP/EIS270	
BT	BLUETOOTH	0	2402	Trp	1.140247125	-10.17150625	0.357959725	6.42138675	0
BT	BLUETOOTH	39	2441	Trp	0.65561295	-14.30946125	-1.349853375	4.294464125	0
BT	BLUETOOTH	78	2480	Trp	-1.83977125	-9.430233	-4.121307375	0.587863913	0
BT	BLUETOOTH	0	2402	Tis_Rssi	1.140247125	-10.17150625	0.357959725	6.42138675	0
BT	BLUETOOTH	39	2441	Tis_Rssi	0.65561295	-14.30946125	-1.349853375	4.294464125	0
BT	BLUETOOTH	78	2480	Tis_Rssi	-1.83977125	-9.430233	-4.121307375	0.587863913	0

Theta180

PolarH

Standard	Band	Channel	Freq	Type	EIRP/ETIS0	EIRP/ETIS90	EIRP/ETIS180	EIRP/ETIS270
BT	BLUETOOTH	0	2402	Trp	2.331543	2.331543	2.331543	2.331543
BT	BLUETOOTH	39	2441	Trp	1.2326585	1.2326585	1.2326585	1.2326585
BT	BLUETOOTH	78	2480	Trp	-1.96757525	-1.96757525	-1.96757525	-1.96757525
BT	BLUETOOTH	0	2402	Tis_Rssi	2.331543	2.331543	2.331543	2.331543
BT	BLUETOOTH	39	2441	Tis_Rssi	1.2326585	1.2326585	1.2326585	1.2326585
BT	BLUETOOTH	78	2480	Tis_Rssi	-1.96757525	-1.96757525	-1.96757525	-1.96757525

PolarV

Standard	Band	Chan	Freq	Type	EIRP/EIS0	EIRP/EIS90	EIRP/EIS180	EIRP/EIS270	
BT	BLUETOOTH	0	2402	Trp	2.3047295	2.3047295	2.3047295	2.3047295	0
BT	BLUETOOTH	39	2441	Trp	1.20558175	1.20558175	1.20558175	1.20558175	0
BT	BLUETOOTH	78	2480	Trp	-2.01602175	-2.01602175	-2.01602175	-2.01602175	0
BT	BLUETOOTH	0	2402	Tis_Rssi	2.3047295	2.3047295	2.3047295	2.3047295	0
BT	BLUETOOTH	39	2441	Tis_Rssi	1.20558175	1.20558175	1.20558175	1.20558175	0
BT	BLUETOOTH	78	2480	Tis_Rssi	-2.01602175	-2.01602175	-2.01602175	-2.01602175	0