

T-BOX RF specification

BLE antenna

Company Name: Shenzhen Omni Intelligent Technology Co.,LTD

Address:11th Floor,Building 31,Phase III,Lianchuang Technology Park,Nanwan Street,Longgang District,Shenzhen,Guang dong,China

Bluetooth PCB printed antenna

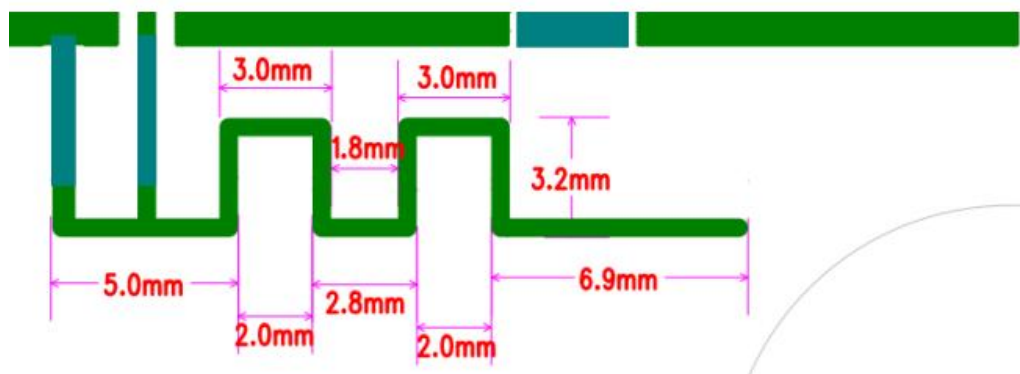
Frequency Range (MHz): 2400-2500

Bandwidth (MHz): 100

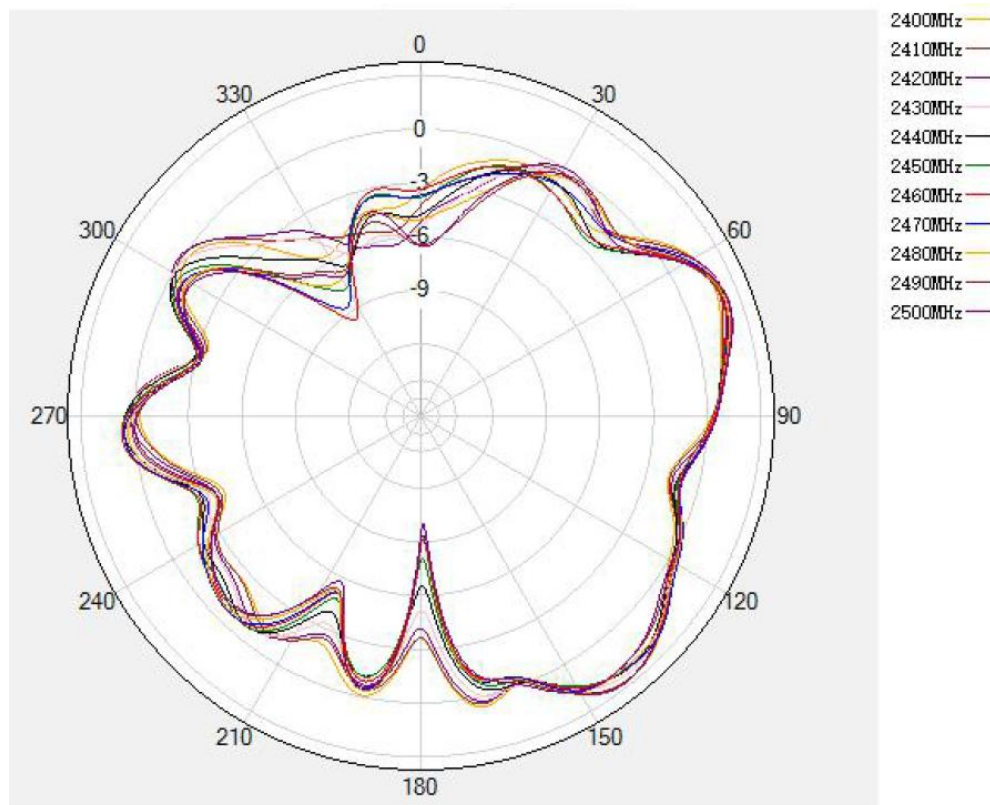
Input Impedance (Ω) : 50

Gain (dBi): 2.7

V.S.W.R: <2



Antenna size chart



T-BOX RF specification

GPS antenna

Company Name: Shenzhen Qianmu Communication Technology Co.,Ltd.

Address:No. 425, 443, 4th Floor, Building A, Huafeng Zhigu – Hangcheng High tech Industrial Park, Hangcheng Street, Sanwei Community, Bao'an District, Shenzhen, China

Model: YOM001AA

Product Specifications

- The antenna is tested under machine condition.

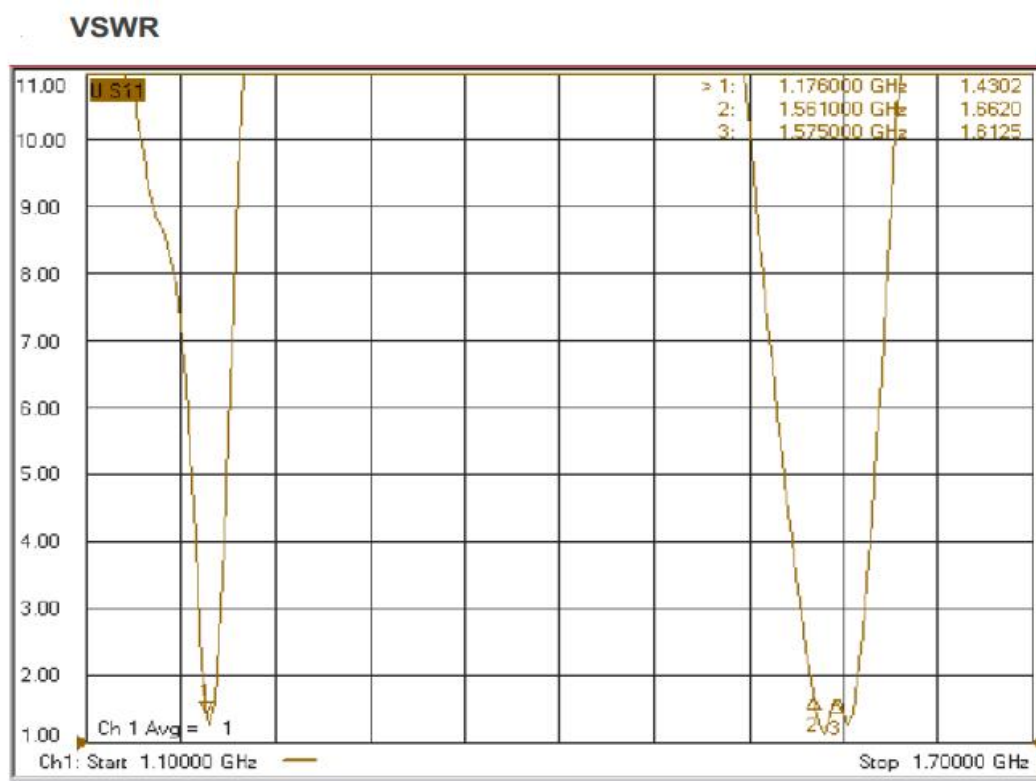
Passive Electrical Specifications

Frequency Range	1166-1186MHz / 1559-1585MHz
Input Impedence	50 Ω
VSWR	≤ 2.0
Gain	L5 $\leq$ 1 dBi L1 $\leq$ 0 dBi
Polarization Type	RHCP

Mechanical Specifications

Antenna Size	25mm*25mm*4mm+18mm*18mm*4mm
Casing	Ceramics
Working Temperature	-40 °C to +85 °C

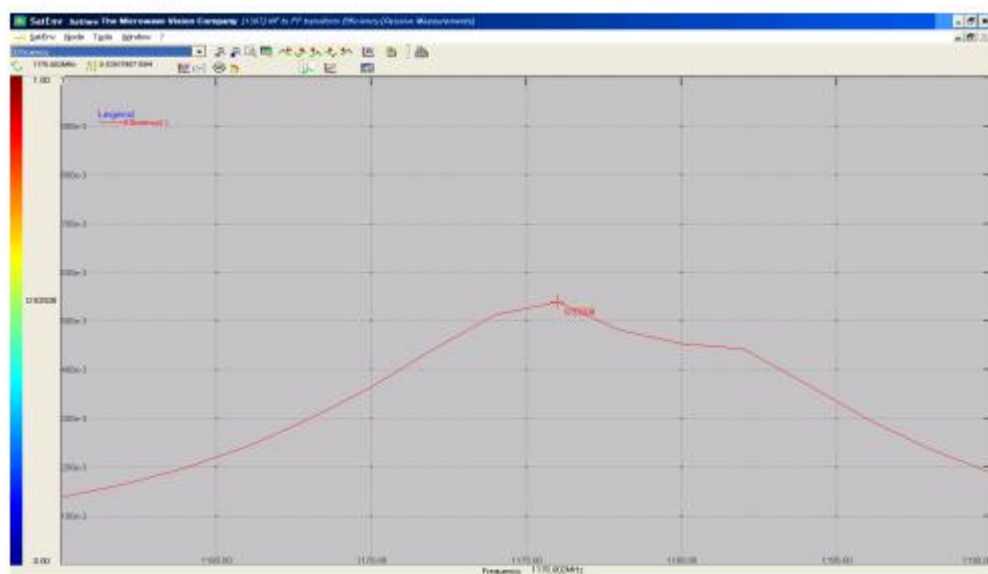
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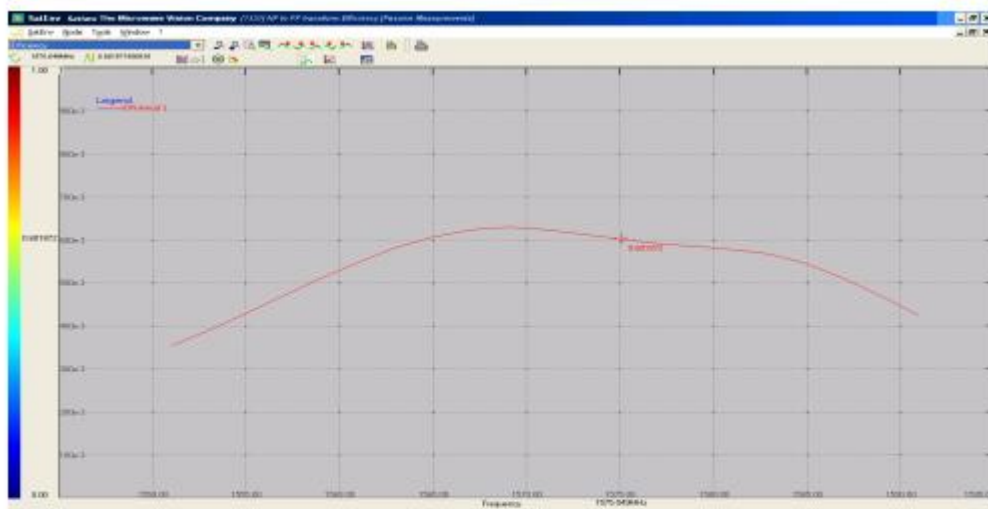
Frequency (MHz)	1176	1575
VSWR	1.43	1.61

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Efficiency



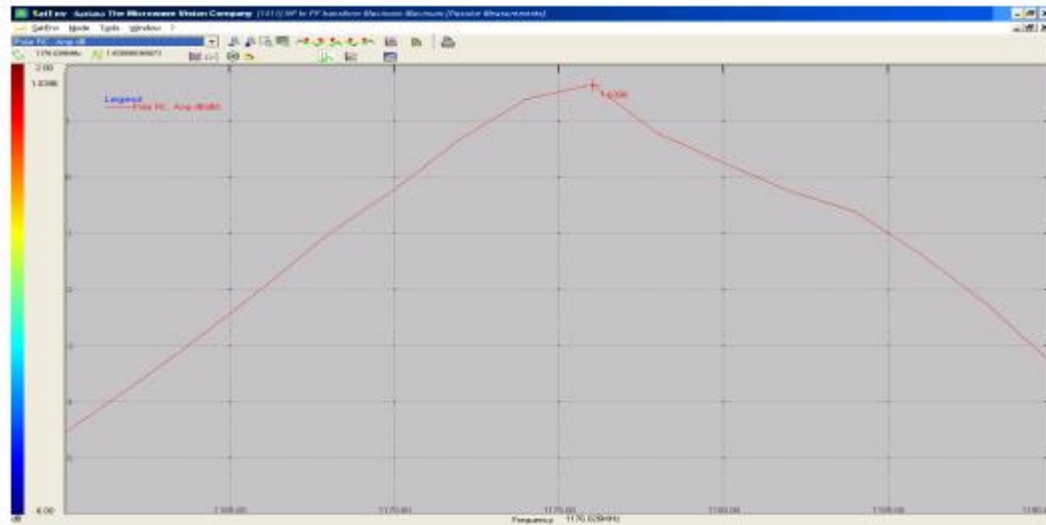
Frequency (MHz)	1176
Efficiency (%)	53.9



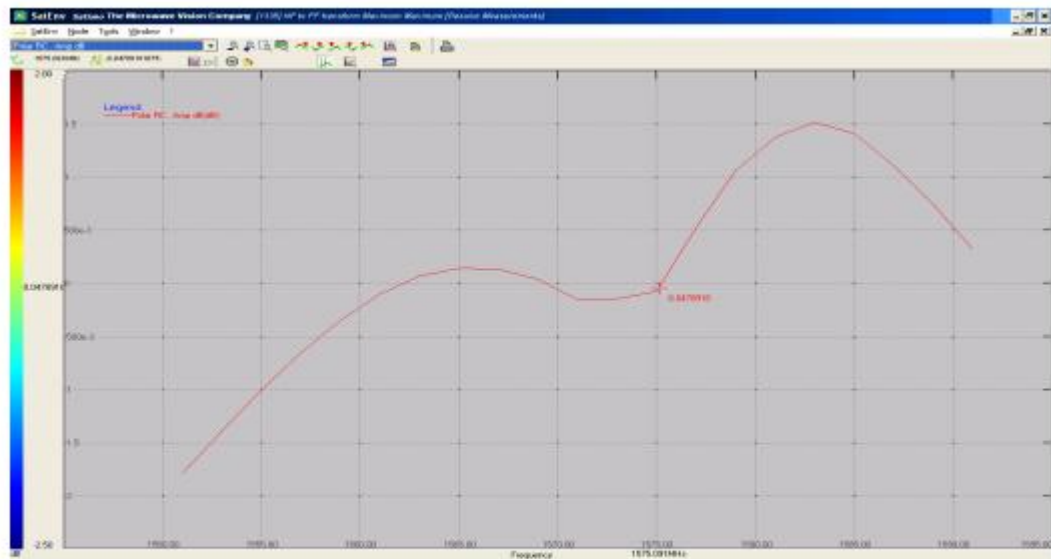
Frequency (MHz)	1575
Efficiency (%)	60.1

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Gain



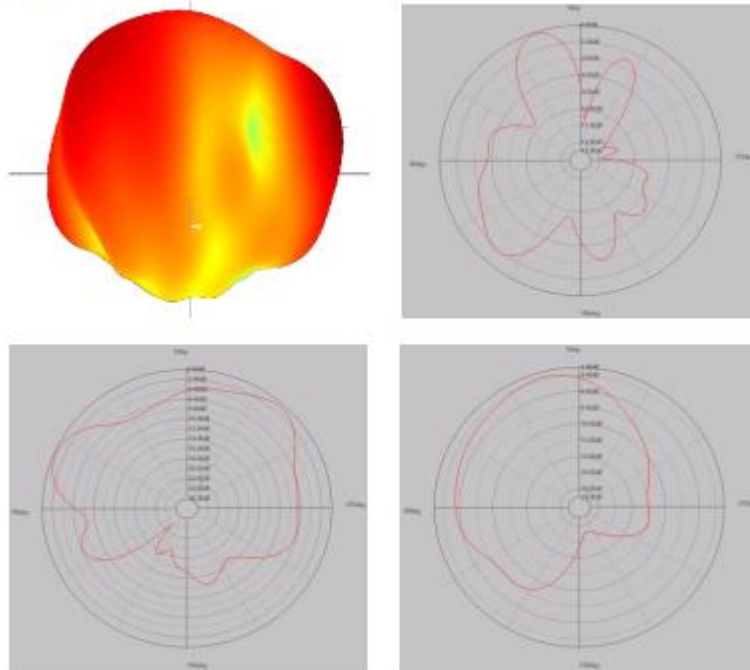
Frequency (MHz)	1176
Gain (dBi)	1.63



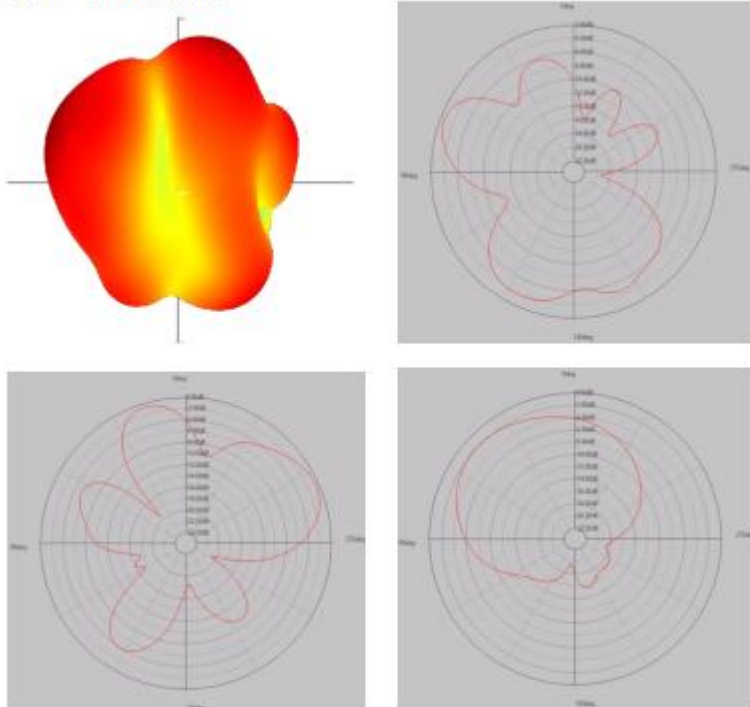
Frequency (MHz)	1575
Gain (dBi)	1.63

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GPS-1176MHz



GPS-1575MHz



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Network antenna

Company Name: Shenzhen Qianmu Communication Technology Co.,Ltd.

Address: No. 425, 443, 4th Floor, Building A, Huafeng Zhigu - Hangcheng High tech Industrial Park, Hangcheng Street, Sanwei Community, Bao'an District, Shenzhen, China

Model: QM-D181- SIM7600A-V1.1

	WCDMA II				WCDMA V		
Channel	9262	9400	9538		4132	4185	4233
TRP	18.21	17.91	17.93		16.65	16.58	16.63
TIS			-102.52				-98.38

	B2				B4		
Channel	18650	18900	19150		20000	20175	20350
TRP	17.78	18.14	18.03		17.49	17.62	18.02
TIS			-86.72				-90.26
	B12						
Channel	23060	23095	23130				
TRP	15.34	15.51	15.64				
TIS			-83.36				

Frequency	Gain(dBi)
W850	1.87
W1900	0.9
B2	1.25
B4	2.86
B12	0.78