ONE PLUS ONE
Wireless Communication

深圳市一加一无线通讯技术有限公司

承认书

APPROVAL SHEET

客户 Customer	佳锦
项目名 Project	SR09
料号 Part NO.	
规格 Specification	BT Antennas

APPROVAL			
OnePlusOne:			
RF Check	ME Check	QC Check	Confirm By
Customer:			
EE Check	PM Check	QC Check	Confirm By

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CONFIDENTIAL
Shenzhen OnePlusOne Wireless Communication Technology Co.,Ltd.

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3.1 Passive..... 错误！未定义书签。

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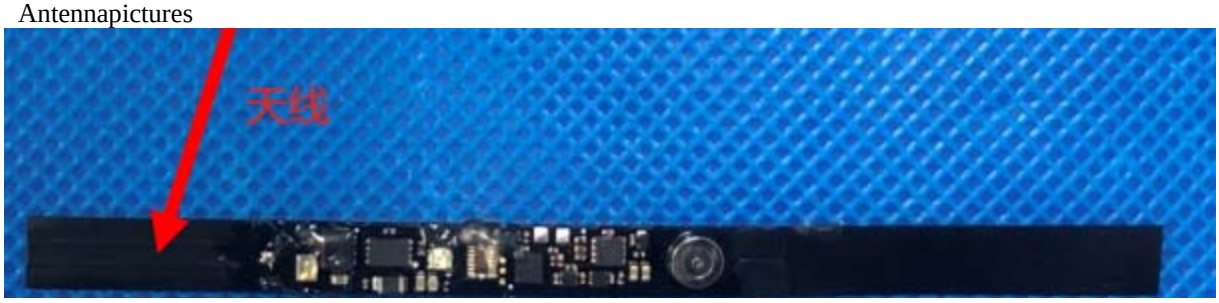
1 Antenna description

It summarize BT antennas for project SR09.BT antenna's frequency band is 2400-2500MHz.BT antenna's type is IFA

1.1 Part number

Part number of antenna：SR09-BT

Antennapictures



2 Electrical Performance

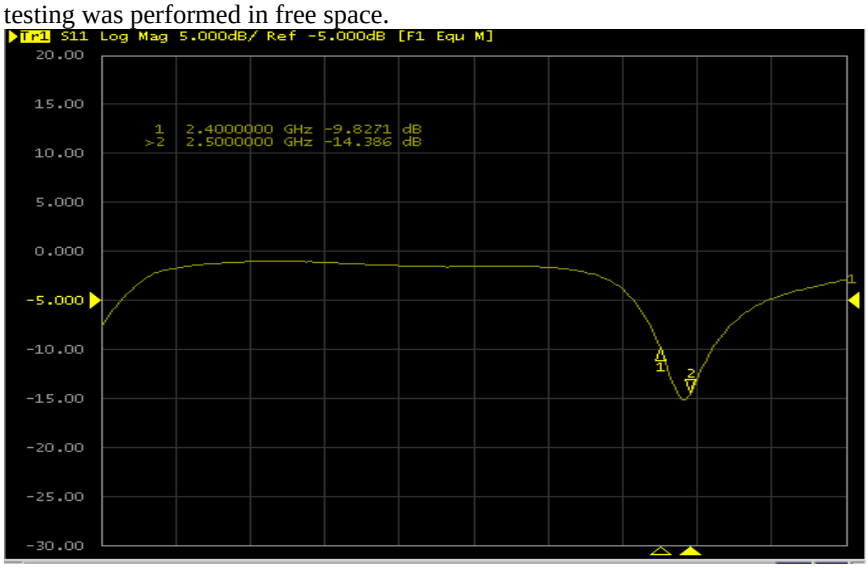
2.1 Specification

BT	
Frequency Range	2400MHz~2500MHz
Return Loss	<-5
Efficiency	>25%

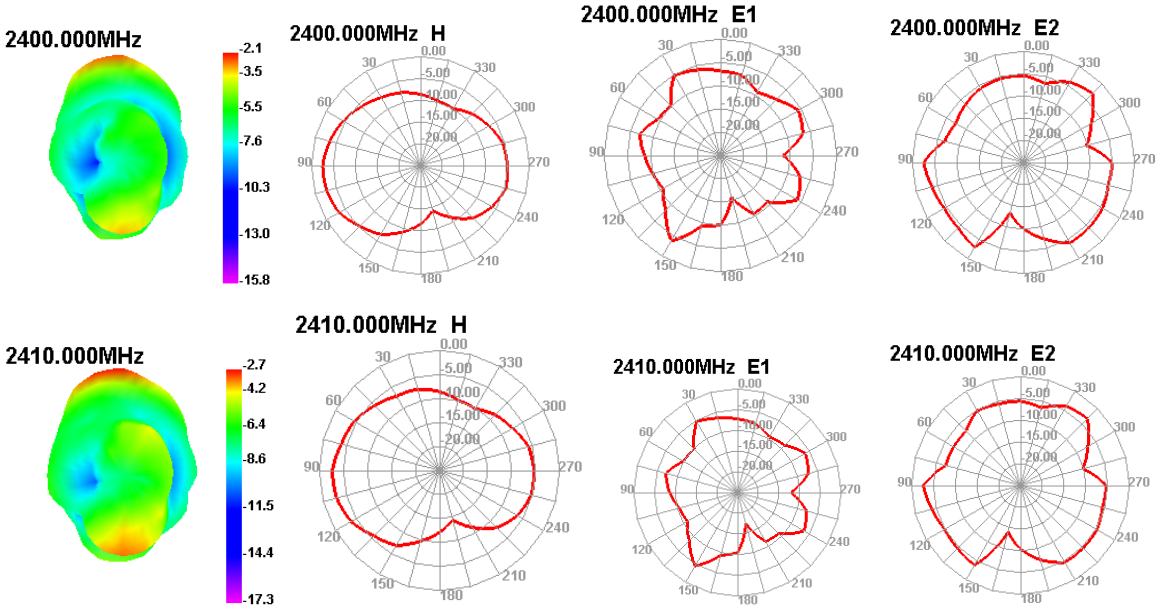
2.2 Measurement Set-up

VSWR and Return Loss

VSWR measurements (S_{11}) were performed using an Agilent ENA series Network Analyzer and the previously described test fixture. Coaxial chokes were used to mitigate surface currents on the outside of the cabling. The testing was performed in free space.



3 Reference measurement data

Active

Passive Test For BT3.0			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	22.96	-6.39	-2.12
2410	21.2	-6.74	-2.7
2420	22.61	-6.46	-2.48
2430	20.74	-6.83	-2.73
2440	23.18	-6.35	-2.45
2450	20.81	-6.82	-2.67
2460	24.63	-6.08	-1.87
2470	20.37	-6.91	-3.12
2480	24.28	-6.15	-2.01
2490	20.2	-6.95	-2.78
2500	22.22	-6.53	-2.57