



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	SR08
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

承认鉴章后请寄回承认书一份

Please return to us one copy of "APPROVAL SHEET" with your approved signatures

Project:SR08	Author: Haiou.Zhu	File Name: SR08_APP_A.doc
Date: 2024-10-20		
Revision:	A	
CONFIDENTIAL		
Shenzhen OnePlusOne Wireless Communication Technology Co.,Ltd.		

Date:	Revision:	Updates and changes:	Issued by:
2024.10.15	A	Initial sheet	Haiou.Zhu

Contents

1 ANTENNA DESCRIPTION1-3

1.1 Part number1-3

2 ELECTRICAL PERFORMANCE.....2-3

2.1 Specification2-3

2.2 Measurement Set-up.....2-3

3 REFERENCE MEASUREMENT DATA3-4

3.1 Passive.....3-4

3.2 Active3-4

Project:SR08	Author: Haiou.Zhu	File Name: SR08_APP_A.doc
Date: 2024-10-20		
Revision:		
	A	
CONFIDENTIAL		
Shenzhen OnePlusOne Wireless Communication Technology Co.,Ltd.		

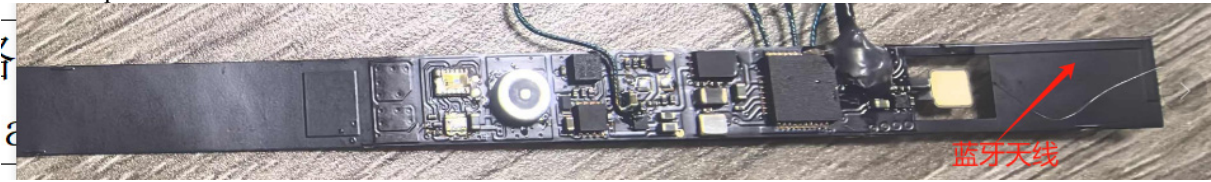
1 **Antenna description**

It summarize **BT** antennas for project **SR08**.**BT** antenna’s frequency band is **2400-2500MHz**.**BT** antenna’s type is **IFA**

1.1 **Part number**

Part number of antenna: **SR08-BT**

Antennapictures



2 **Electrical Performance**

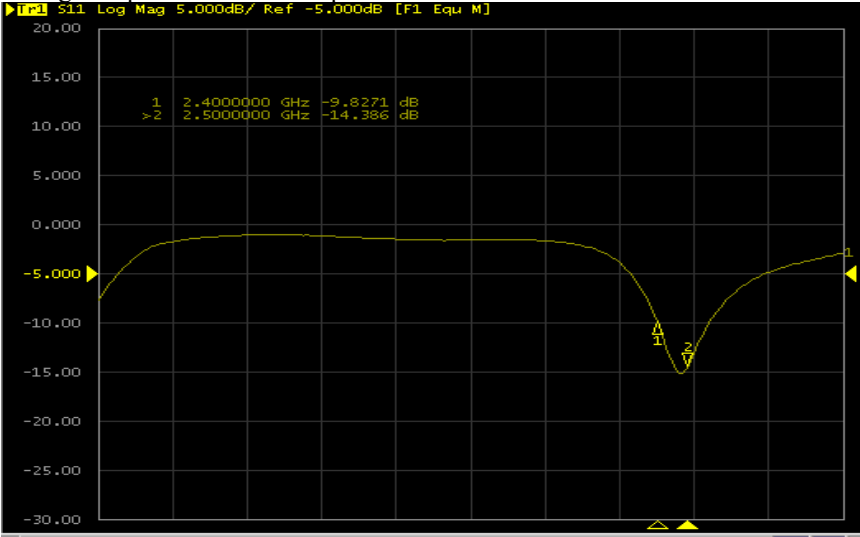
2.1 **Specification**

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.

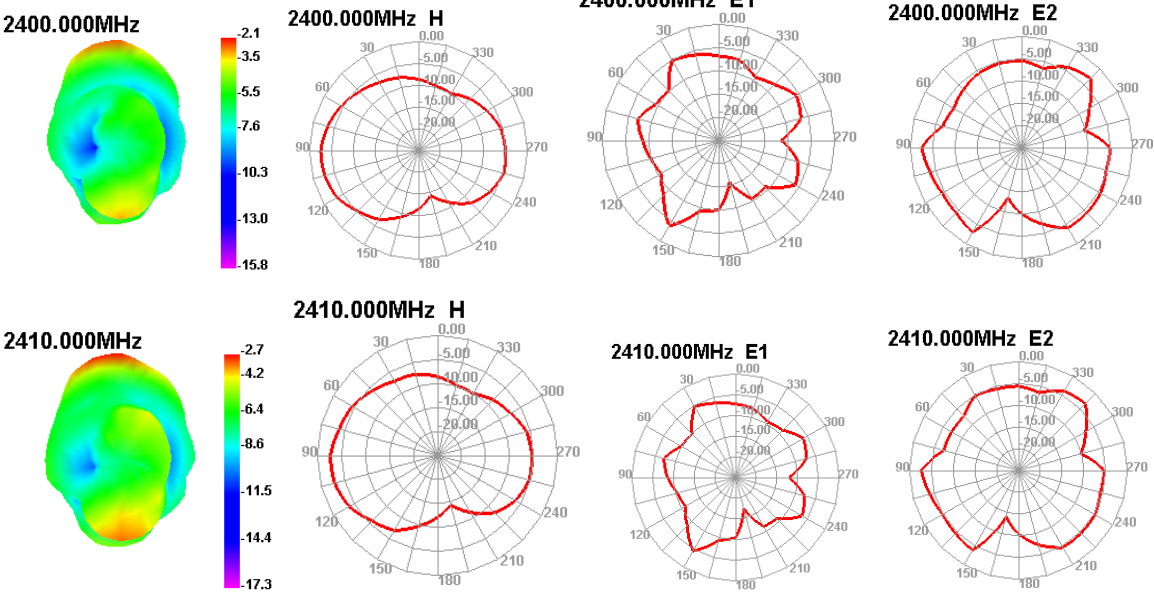


Project:SR08	Author: Haiou.Zhu	File Name: SR08_APP_A.doc
Date: 2024-10-20		
Revision:	A	
CONFIDENTIAL		
Shenzhen OnePlusOne Wireless Communication Technology Co.,Ltd.		

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



Project:SR08	Author: Haiou.Zhu	File Name: SR08_APP_A.doc
Date: 2024-10-20		
Revision:	A	
CONFIDENTIAL		
Shenzhen OnePlusOne Wireless Communication Technology Co.,Ltd.		