

Antenna Specification

Customer Name:	MOKO TECHNOLOGY LTD.
Project Name:	KTBG602
Material Model:	M01-0600880R0A
Product Name:	2.4G Antenna
Customer Number:	
Entry Category:	Mold Sample
FileVersion:	A

supplier		customer	
PREPARED BY		Purchase	
CHECKED BY		engineering	
APPROVED BY		quality	
☒ The new material ☐ recycle (The number to be recycled)			
cachet : 2022-04-27		cachet :	

ShenZhen MyAntenna RF Technology Co.,Ltd

Address: Room 405, building r3-a, South District, Nanshan Science Park, Shenzhen

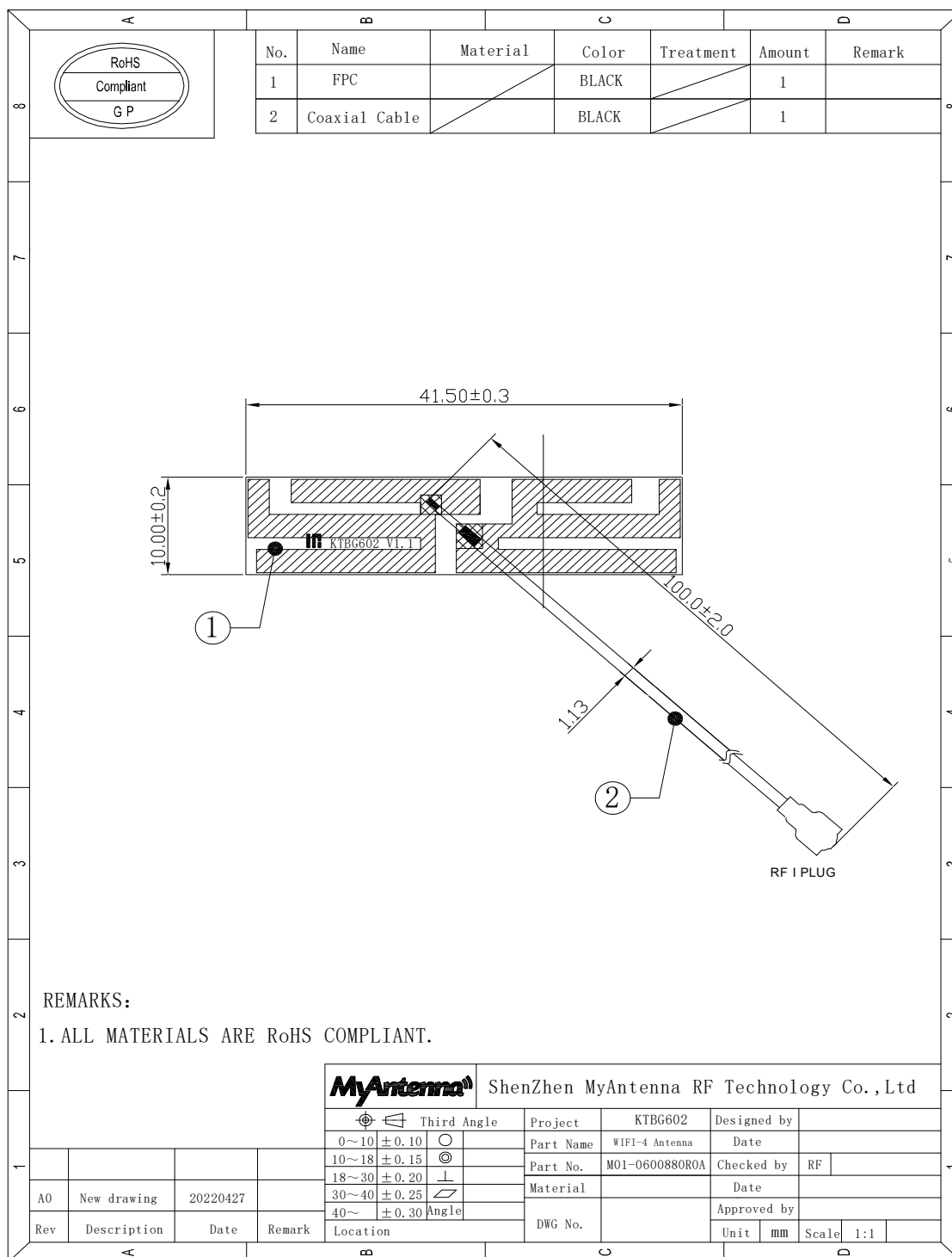
Telephone: 0755-86503881 Fax:0755-27801677

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3. Engineering Drawing



4. Antenna Test

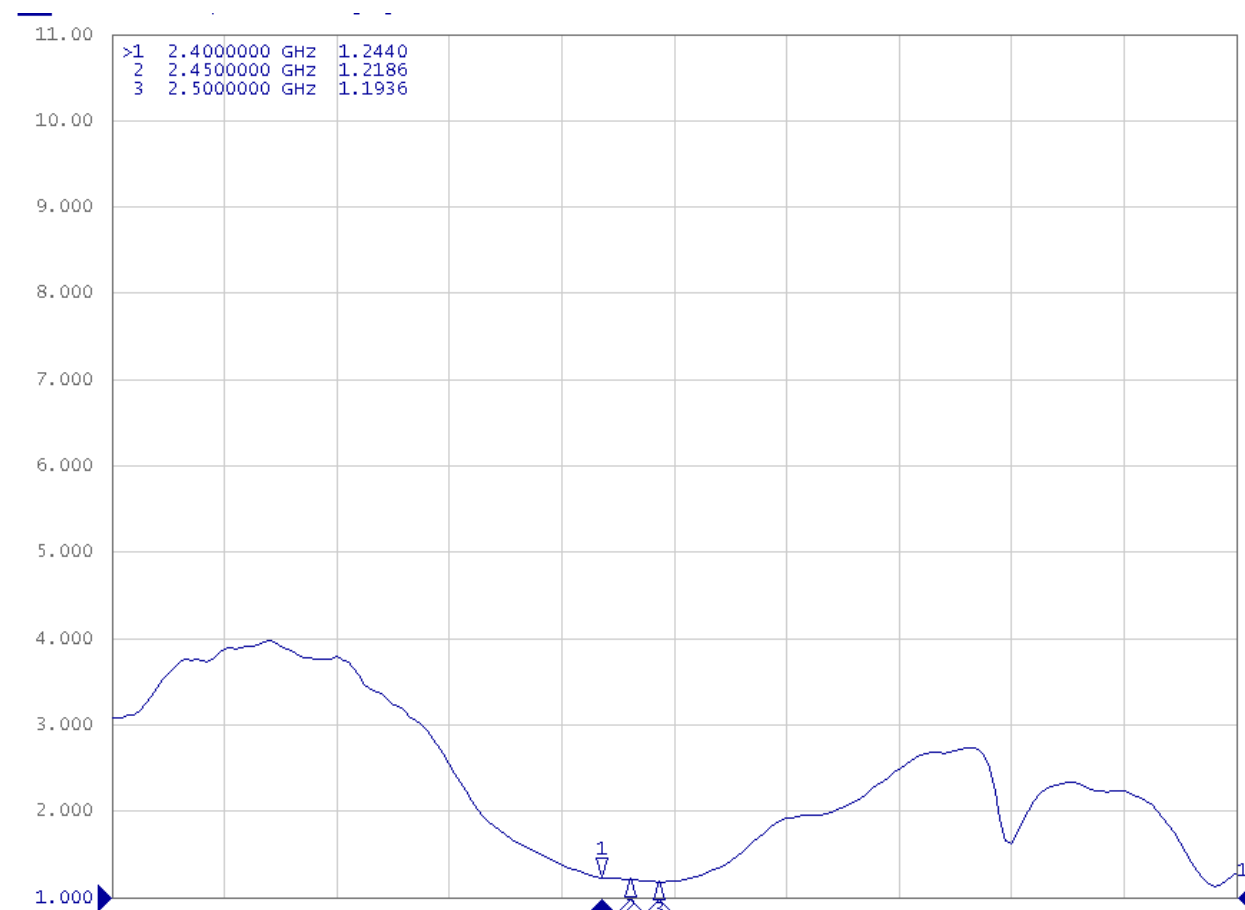
4.1 Processing Mode

4.1.1 Matching Circuit (Nothing)

4.1.2 Environmental Treatment (Nothing)

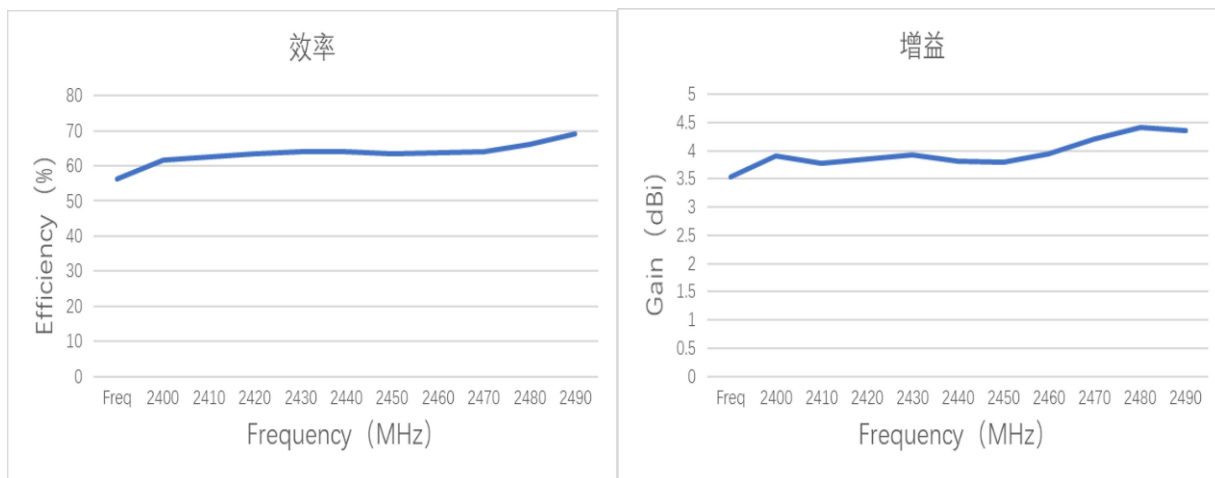
4.2 Performance Testing

4.2.1 VSWR



4.2.2 Active Antenna Test (Nothing)

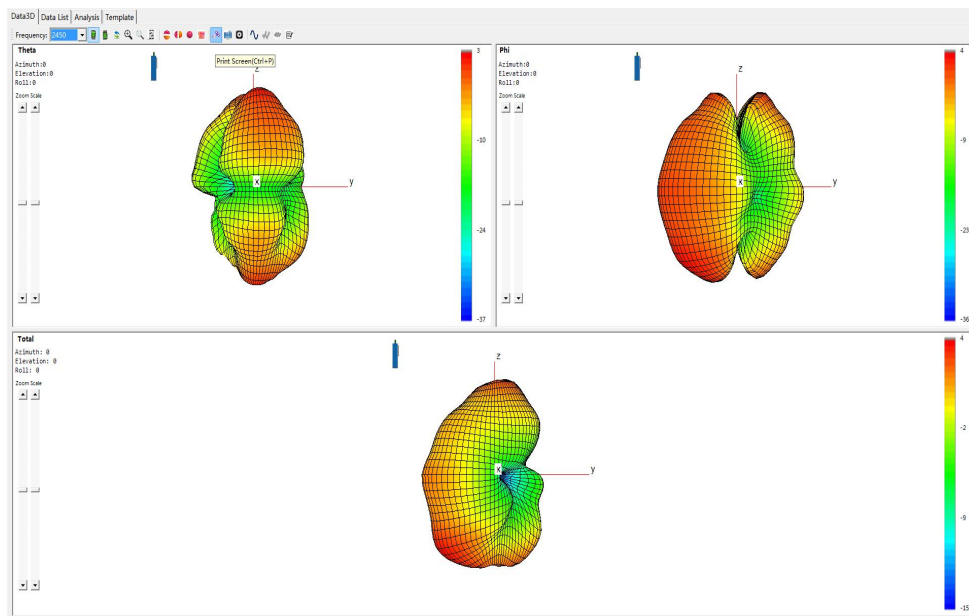
4.2.3 Passive Antenna Test



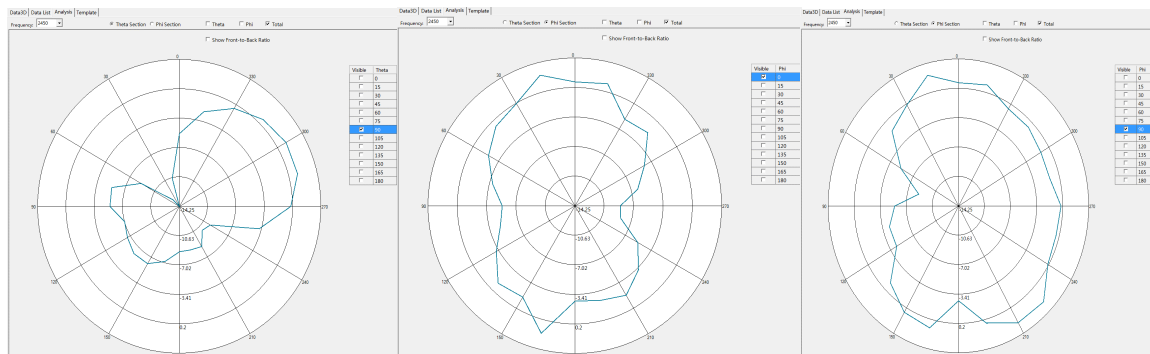
Data sheet

Freq(MHz)	Gain (dBi)	Efficiency(%)	Freq(MHz)	Gain (dBi)	Efficiency(%)
2400	3.54	56.35	2460	3.81	63.32
2410	3.90	61.76	2470	3.95	63.60
2420	3.77	62.42	2480	4.21	64.14
2430	3.86	63.55	2490	4.42	66.04
2440	3.92	63.91	2500	4.36	69.16
2450	3.81	63.97			

4.2.4 3D graphics



4.2.5 2D graphics



6. Inspection Report

Project Name		KTBG602		Antenna Type	WiFi 2.4G Antenna	Inspection Date	2022-04-27		
Appearance Standard				1、No abnormality on the antenna surface					
Dimension Standard				2、Within the required tolerances based on the drawing					
No	Inspection subject	Standard	Inspection tool	Sampling number	Result	Remark			
1	Appearance	As Above	Visually	6PCS	OK	1			
2	Dimension	As Below Chart	Vernier Caliper	6PCS	OK	2			
No	Inspection Subject	Dimension	Tool	Test Results (Recorded six groups of testing data includes the highest & lowest values)					
				1	2	3	4	5	1
1	Dimension	41.5±0.3	Caliper						
2		10.0±0.2							
3		100.0±2.0							
Remark									
Supervisor: SAM		Audit: CHEN			Inspector: DONG				

7. ROHS

Project Name	Material Model	Report test sample name	Testing instituti ons	Testing time	Test Report No.		The test results	note
KTBG602	M01-0600880R0A	FPC（Base material）	SGS	2022/2/21	SHAEC2202460503		OK	
		FPC（ink）	SGS	2021/9/6	ETR21805816		OK	
		FPC（The back glue）	SGS	2021/9/4	SHAEC2118730101		OK	
		Coaxial line（Tin plated copper）	SGS	2021/8/23	CANEC2114861409		OK	
		Coaxial line(FEP)	SGS	2021/12/9	CANEC2122693209		OK	
Inspector: DONG		Audit: CHEN		The date of: 2022-04-27		seal:		