

Antenna Specification

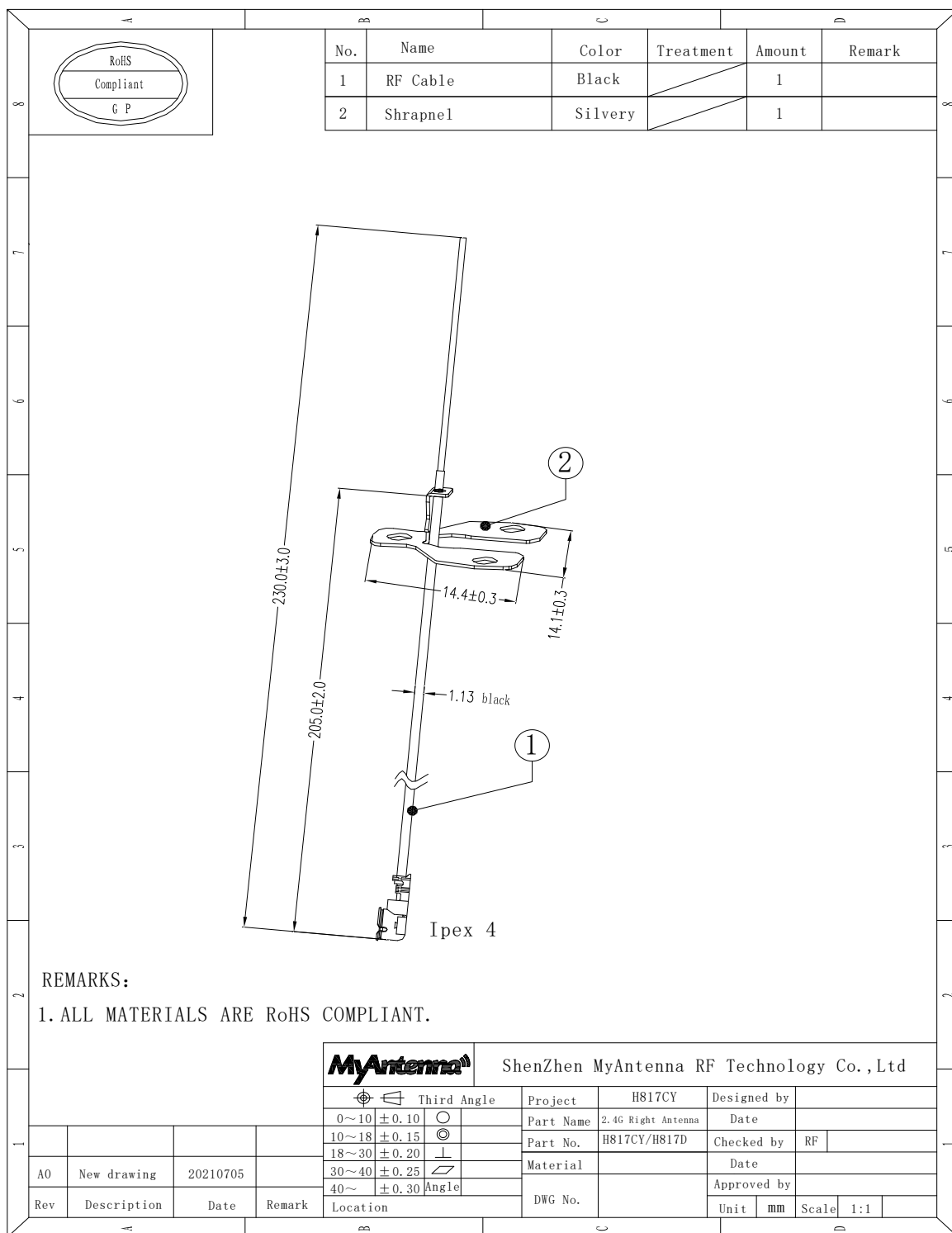
Customer Name:	Shenzhen HUBSAN intelligent co.LTD
Project Name:	H817CY/H817D
Material Model:	M01-0600410R0A
Product Name:	H817CY/H817D 2.4G Right antenna
Customer Number:	
Entry Category:	Sample
FileVersion:	A

supplier		customer	
PREPARED BY		Purchase	
CHECKED BY		engineering	
APPROVED BY		quality	
☒ The new material ☐ recycle (The number to be recycled)			
cachet : 2021-07-30		cachet :	

Contents

1. Cover	1
2. Contents	2
3. Engineering Drawing	3
4. AntennaTest	4
4.1 Processing Mode	4
4.1.1 Matching Circuit	4
4.1.2 Environmental Treatmen	4
4.2 Antenna Performance Test	4
4.2.1 VSWR	4
4.2.2 Active Antenna Test	4
4.2.3 Passive Antenna Test	5
4.2.4 3D graphics	6
4.2.5 2D graphics	6
5. Antenna placement diagram	6
6. Inspection Report	7
7. ROHS Test Report	8

3. Engineering Drawing



4. Antenna Test

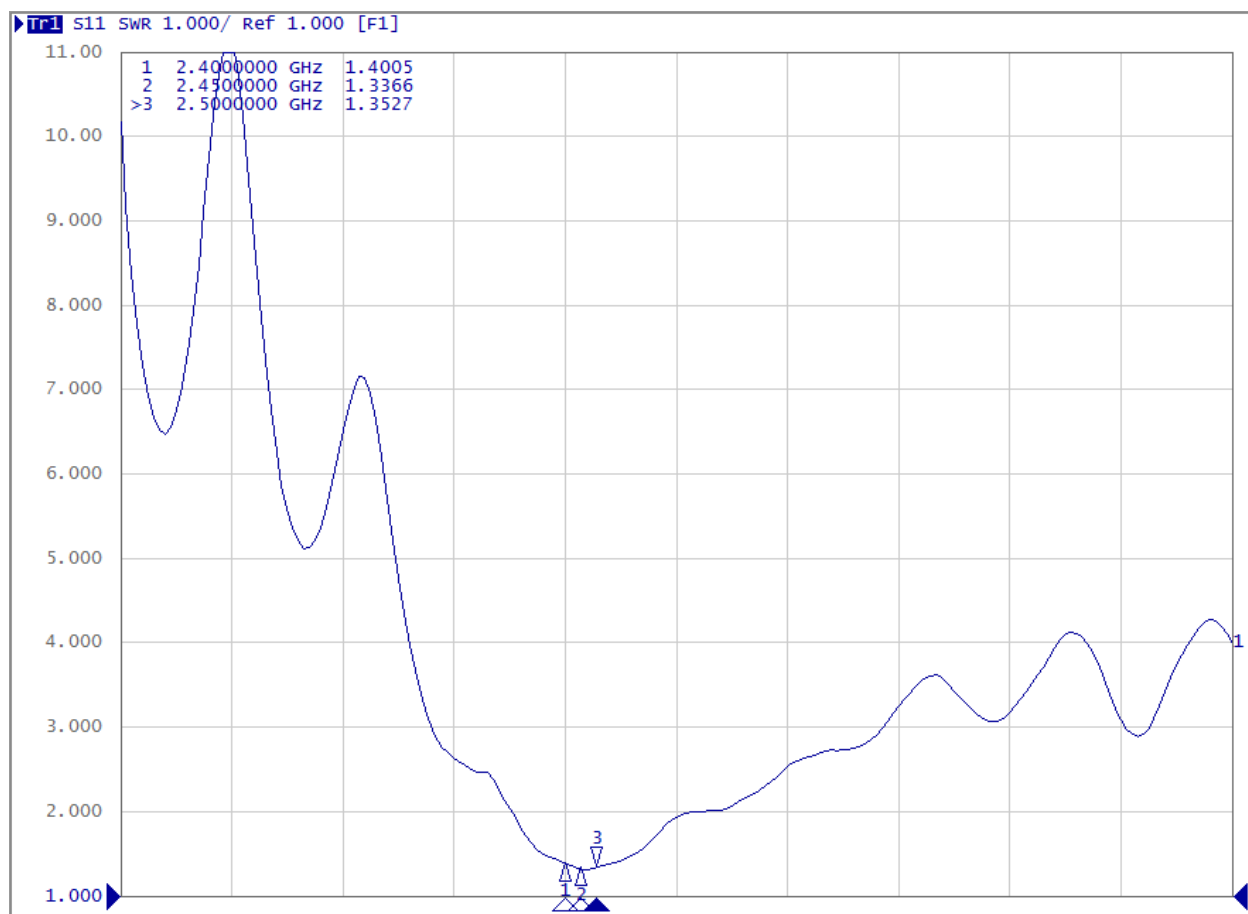
4.1 Processing Mode

4.1.1 Matching Circuit (Nothing)

4.1.2 Environmental Treatment (Nothing)

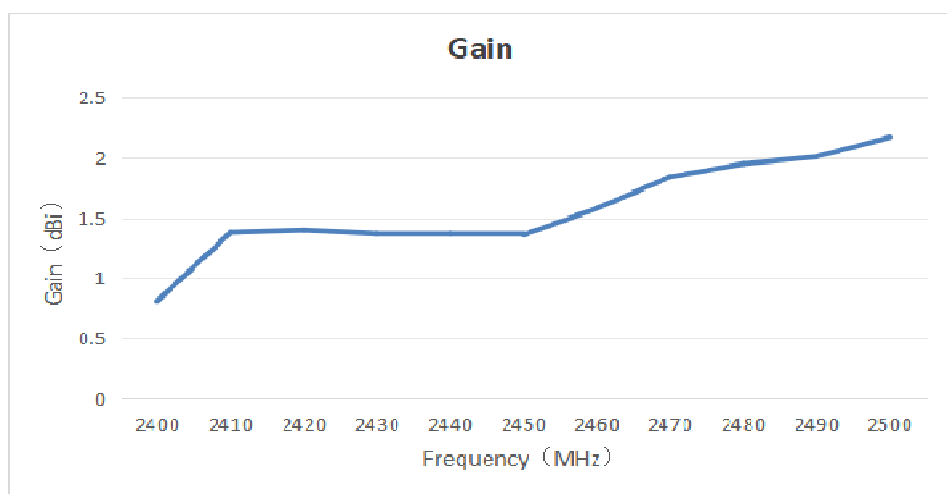
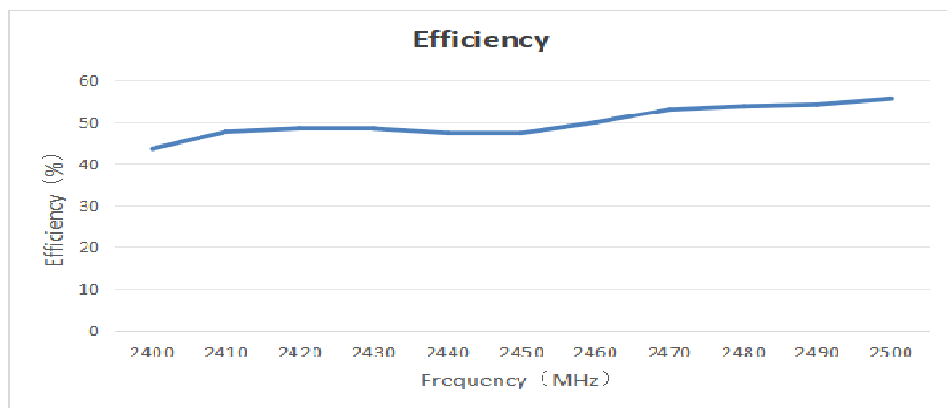
4.2 Performance Testing

4.2.1 VSWR



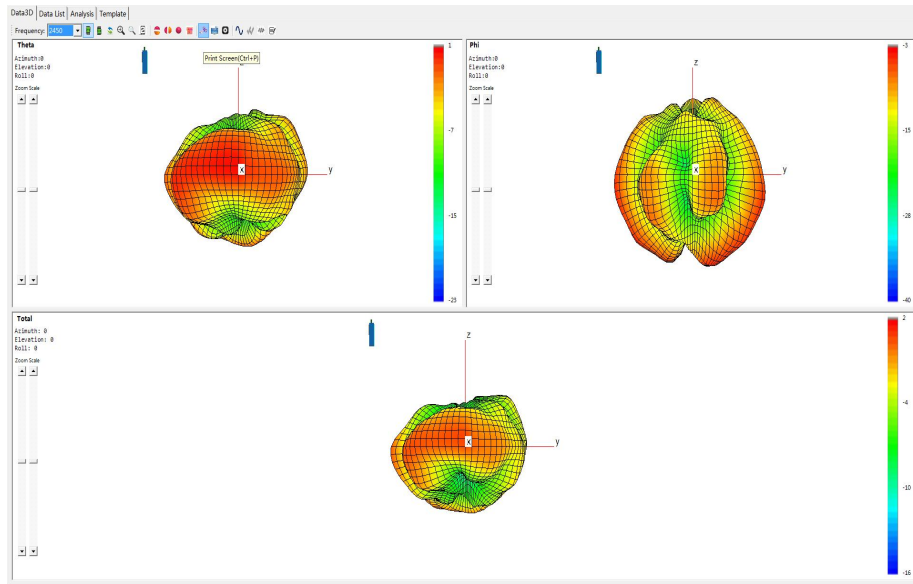
4.2.2 Active Antenna Test (Nothing)

4.2.3 Passive Antenna Test

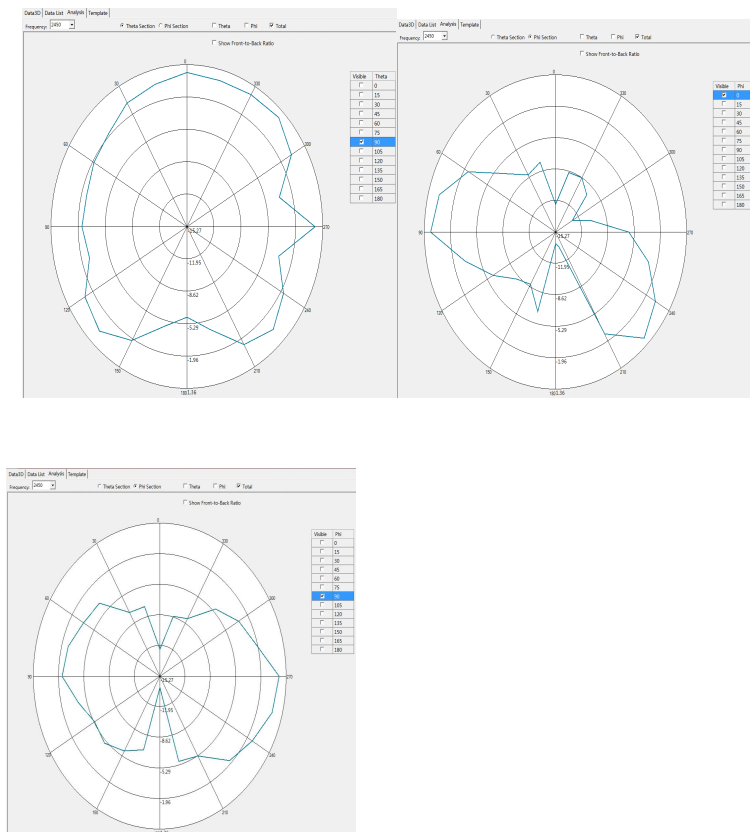


PassivetestForMain (2.4G)		
Freq(MHz)	Effi (%)	Gain(dbi)
2400	43.53	0.81
2410	47.71	1.38
2420	48.51	1.40
2430	48.43	1.37
2440	47.42	1.37
2450	47.41	1.36
2460	49.88	1.58
2470	53.05	1.84
2480	53.82	1.95
2490	54.23	2.01
2500	55.60	2.17

4.2.4 3D graphics



4.2.5 2D graphics



5. Antenna placement diagram(Nothing)

6. Inspection Report

Project Name		H817CY/H817D		Antenna Type	2.4G Right antenna	Inspection Date	2021-07-30		
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				
2	Dimension	As Below Chart	Vernier Caliper	6PCS	OK				
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	210.0±2.0	Caliper	210.0	210.5	210.0	210.0	210.0	210.0
2		185.0±2.0		185.0	185.0	185.0	185.2	185.0	185.0
3		14.4±0.3		14.4	14.6	14.4	14.4	14.4	14.4
4		14.1±0.3		14.1	14.1	14.2	14.1	14.1	14.1
Remark									
Supervisor: YANG		Audit: CHEN				Inspector: JOYCE			

7、ROHS Test Report

Project material name	material code	Report the name of the test sample	testing organization	testing time	Test report number		test conclusion	remark
H817CY/ H817D	M01-06004 10ROA	Coaxial line (silver-plated copper wire)	SGS	2020. 12. 29	SHAEC2025507415		OK	
		Coaxial line (tinned copper wire)	CTI	2020. 6. 6	A2200160556101E		OK	
		Coaxial line (FEP insulation)	SGS	2020. 12. 30	SHAEC2025797027		OK	
		Coaxial line (FEP sheath)	SGS	2021. 1. 18	SHAEC2100499407		OK	
		Coaxial line (black masterbatch)	EMTEK	2020. 07. 11	ED200706041C001		OK	
		Nickel plated stainless steel	SGS	2020. 03. 1	SZXEC2100360303		OK	
Legal fiction: JOYCE		verifier: chen		date: 2021-07-30		Stamp service:		

ShenZhen MyAntenna RF Technology Co.,Ltd

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

Telephone: 0755-86503881 Fax:0755-27801677

Mailbox: nfc@imyantenna.com Zip code:518057