



SPECIFICATION FOR APPROVAL

CUSTOMER: Shenzhen HUBSAN intelligent co.LTD

CUSTOMER PARTNO: EX08001635-02

SUPPLIER: ShenZhen MyAntenna RF Technology Co.,Ltd

PRODUCT MODEL: H717DR

PRODUCT NAME: H717DR Right antenna

PRODUCT CODE: M01-0601030R0A

CUSTOMER SIGNATURE:

CUSTOMER SEAL:

SUPPLIER SIGNATURE:

SUPPLIER SEAL:

NOTE: PLEASE RETURN THIS COPY AS A CERTIFICATION OF YOUR APPROVAL

Prepared by: Dong Chun Ling	Date: 2023.06.28	Add:	Room 410, Building A, Fenghuang Zhigu, No. 50 Tiezi Road, Gongle Community, Xixiang Street, Baoan District, Shenzhen
		Tel:	0755-86503881

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PERFORMANCE PARAMETER

1. Electrical Characteristics

1	Frequency Range	2400-2500MHz
2	V. S. W. R	<1.5
3	Gain	≤3.38dBi
4	Impedence	50 Ω
5	Polarization	Line polarization

2. Mechanical parameters

1	Measure	shard:15.3*12.48*5.3mm/ Line: Φ1.37*276.9mm
2	Colour	Silver + Black

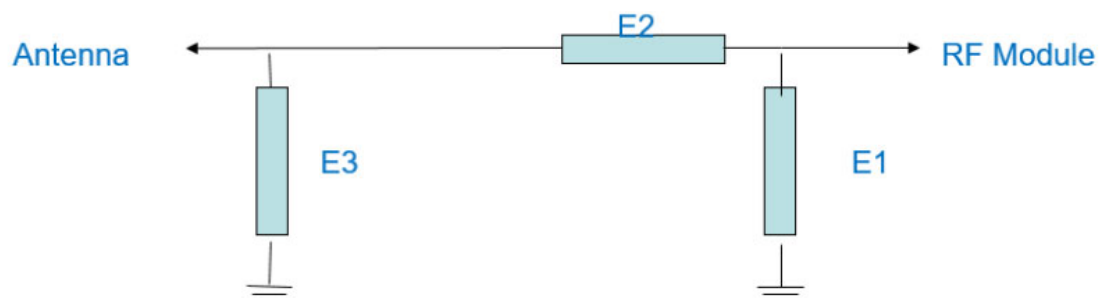
3. Environment Condition

1	Working Temp	-40℃~80℃
2	Storage Temp	-40℃~80℃

Antenna Type: External antenna

TESTING CURVE

1. Matching circuit

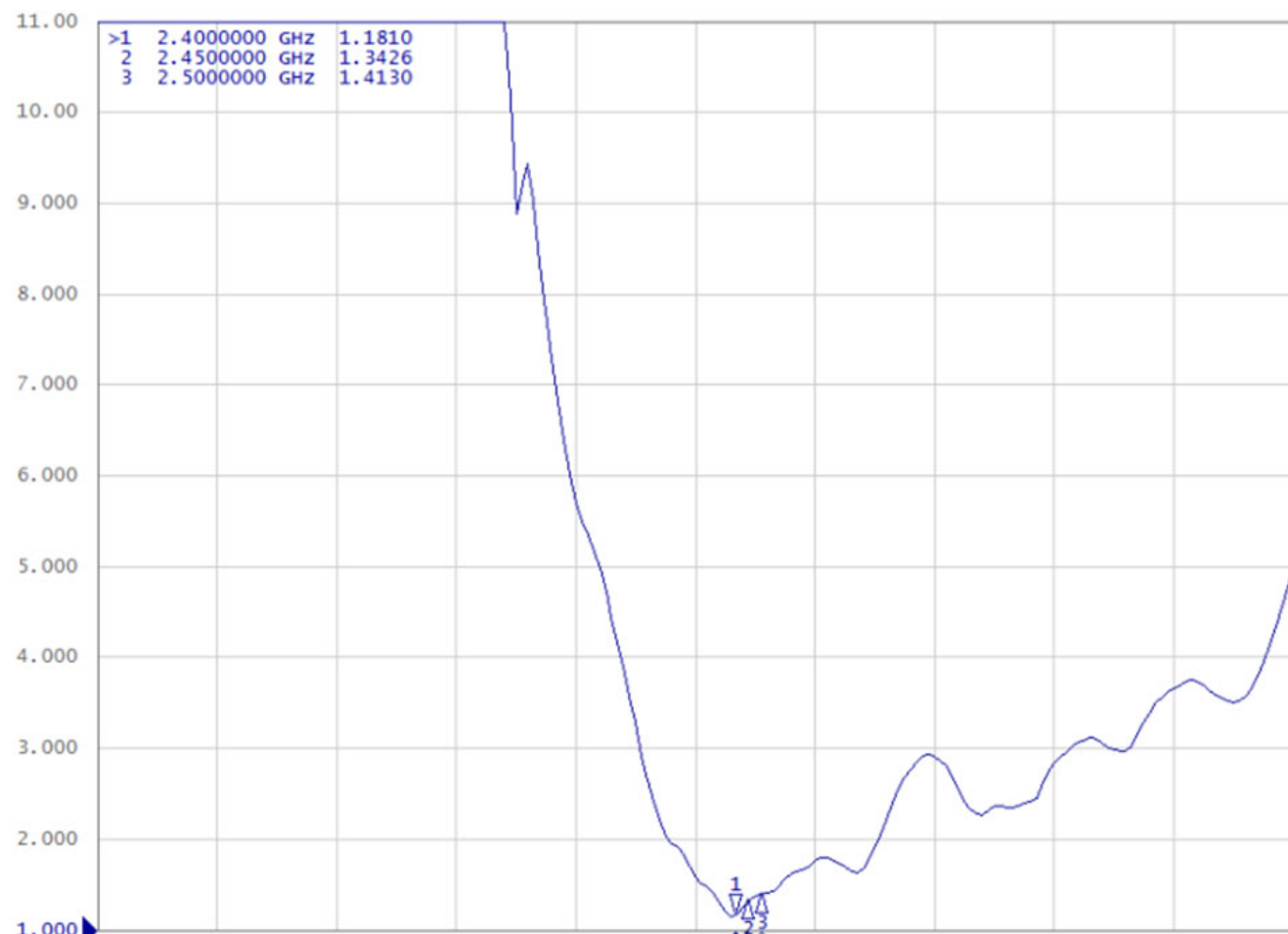


Element	Value
E1(0402)	NC
E2(0402)	0
E3(0402)	NC

TESTING CURVE

2. Performance test

2.1 V.S.W.R



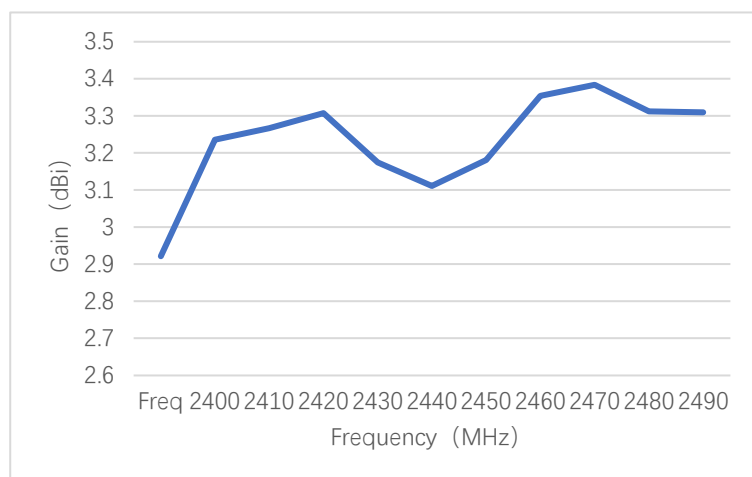
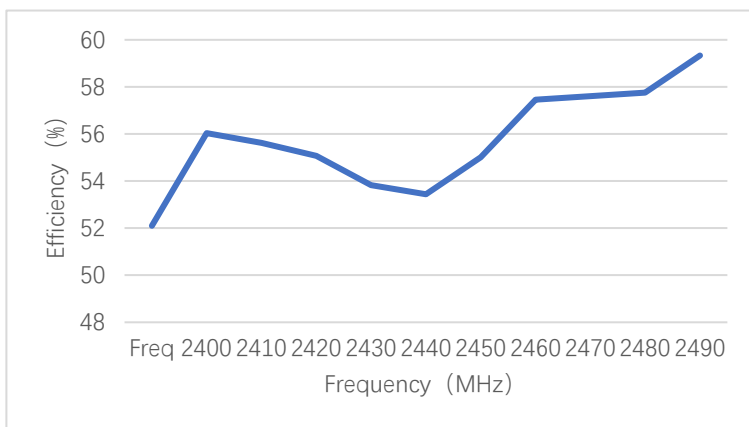
Data list

Freq/MHz	2400	2450	2500
VSWR	1.18	1.34	1.41

TESTING CURVE

3. Passive testing

3.1 Efficiency and Gain

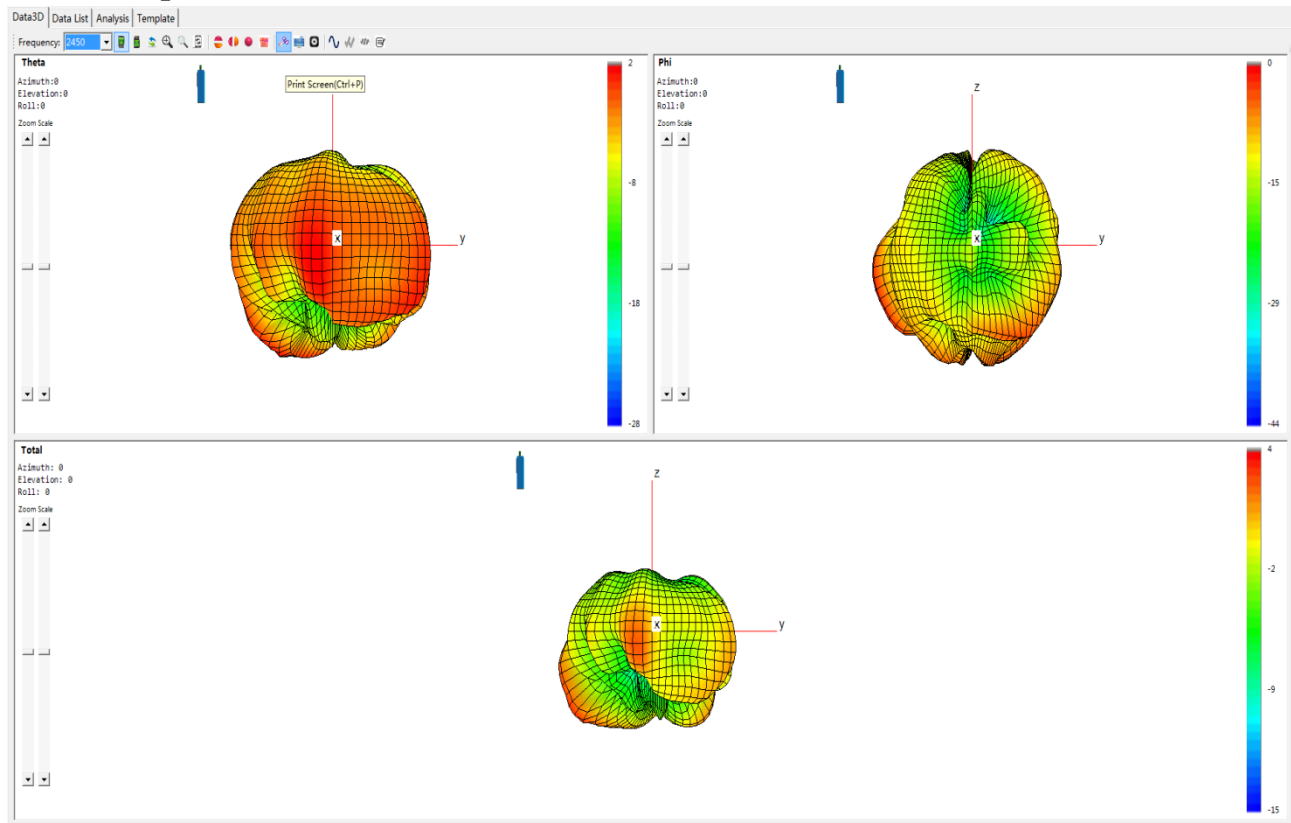


Data list

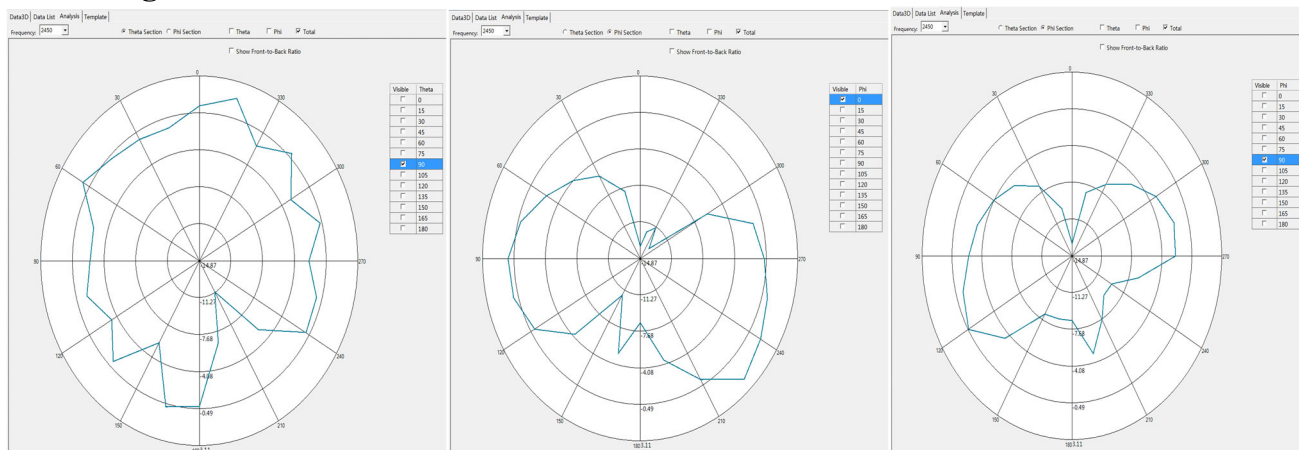
Freq	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain	2.92	3.24	3.27	3.31	3.17	3.11	3.18	3.35	3.38	3.31	3.31
Efficiency	52.1	56.03	55.62	55.07	53.82	53.44	55.01	57.45	57.6	57.76	59.34

TESTING CURVE

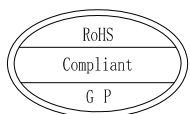
3.2 3D Map



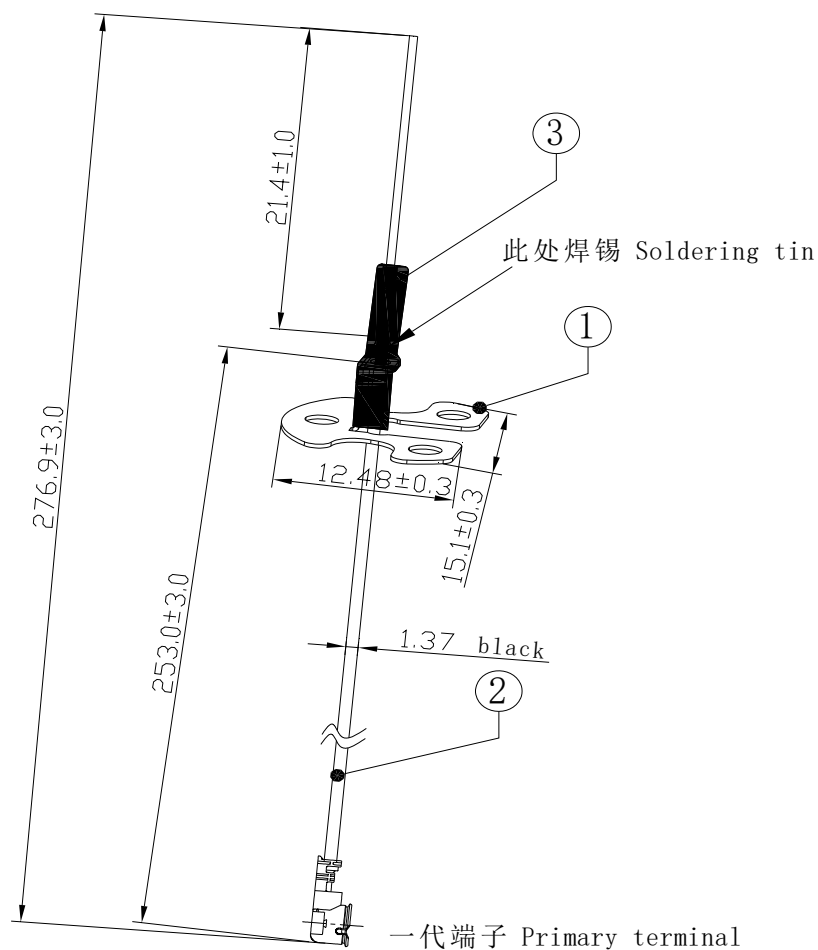
3.3 2D Figure



SCHEDULE DRAWING



No.	Name	Color	Treatment
1	shard	silver	12.48*15.10*5.3
2	Line	black	Φ 1.37*276.9
3	Heat shrink tube	black	Φ 2.0*12.0



REMARKS:

1. ALL MATERIALS ARE RoHS COMPLIANT.



ShenZhen MyAntenna RF Technology Co.,Ltd

B	Add heat shrink tubing	20230628	
A0	New drawing	20220823	
Rev	Description	Date	Remark

Third Angle	Project	H717DR	Designed by	
0~10 ±0.10	Part Name	2.4G Right Antenna	Date	
10~18 ±0.15	Part No.	M01-0601030R0A	Checked by	RF
18~30 ±0.20	Material		Date	
30~40 ±0.25	DWG No.		Approved by	
40~ ±0.30			Unit	mm
Angle			Scale	1:1
Location				

Certificate of Acceptance Sample Size Inspection Report

The name of the project		H717DR Right antenna		antenna type	Shard antenna	Inspection date					
Appearance check standards				1, antenna surface, etc. no abnormality							
Dimensional inspection standards				2, the drawing required tolerance range							
code name	Check the item	specification	Inspection tool	The number of samples	decide	illustrate					
1	appearance	As above	Visual	3	OK						
2	size	The following table	cursor Caliper	3	OK						
serial number	Inspection project	specification	detection tool	Detection results (with the highest minimum recorded 6 data)							
				1	2	3	4	5	6		
1	shape size	12.48 ± 0.3	Caliper								
2		15.10 ± 0.3									
3		5.0 ± 0.3									
4		276.9 ± 3.0									
5		12.48 ± 0.3									
remark											
Approved: Yang yong cheng			: Chen Jianyu			Inspector: Dong Chun Ling					

ROHS TEST REPORT

Project material name	Material code	Report test sample name	Feeler mechanism	Testing time	Test report number		Test conclusion	Remarks
H717DR	M01-0601030R0A	Shard	SGS	2022-01-15	NGBMR22000296003		OK	
		Line	SGS	2022-07-29	CANEC221583206		OK	
Prepared by:Dong Chun Ling		check: Chen jian you		Date: 2023.06.28		Seal:		

PRODUCT VERIFICATION

Test item	Test instructions/test standards	Goal requirements	Product verification (PV)								remarks
			sample		Test site			test	person liable		
			qty	type	client	supplier	third party	result			
observational check	There should be no dent, scratch, crack, deformation, burr, mildew and other defects on the surface; The surface of the coating should not blister, crack or fall off; Metal parts should be free from corrosion and other mechanical damage; Perfume should not overflow.	Normal appearance	Full-inspection	Tooling parts		√		OK			
measure	According to drawing size	Within the tolerance range.	3pcs	Tooling parts		√		OK			
Performance check	Meet the requirements in the design specification.	Short circuit and conduction test	Full-inspection	Tooling parts		√		OK			
Insertion force	SMA head plugging force	The upper drawing force test shows	3pcs	Tooling parts							

		that the bearing capacity is greater than 2N.								
Salt fog resistance	48-hour salt spray test	After verification, the surface does not rust.	3pcs	/						
Requirements for banned and restricted substances	Test according to RoHs requirements.	Products should meet RoHs standards.	/	/		✓		OK		
Packaging specification	According to the drawing specification requirements	Place visually as required.	Full-inspection	Tooling parts			✓	OK		

BOM DETAILS

serial number	material code	name of an article	version	Specification description	colour	unit	dosage
1	X01-0205500R0A	Line	V1.0	Black/coaxial line/One strip wire (2.5/21.4)/ one first generation Zepp terminal /1.37 *276.9mm/RoHs	black	PCS	1
2	W01-0100100R0A	Shard	V1.0	Silver/stainless steel nickel plated/T=0.3mm/12.48*15.10*5.3mm/RoHs	Silver	PCS	1
3							