

Admit it

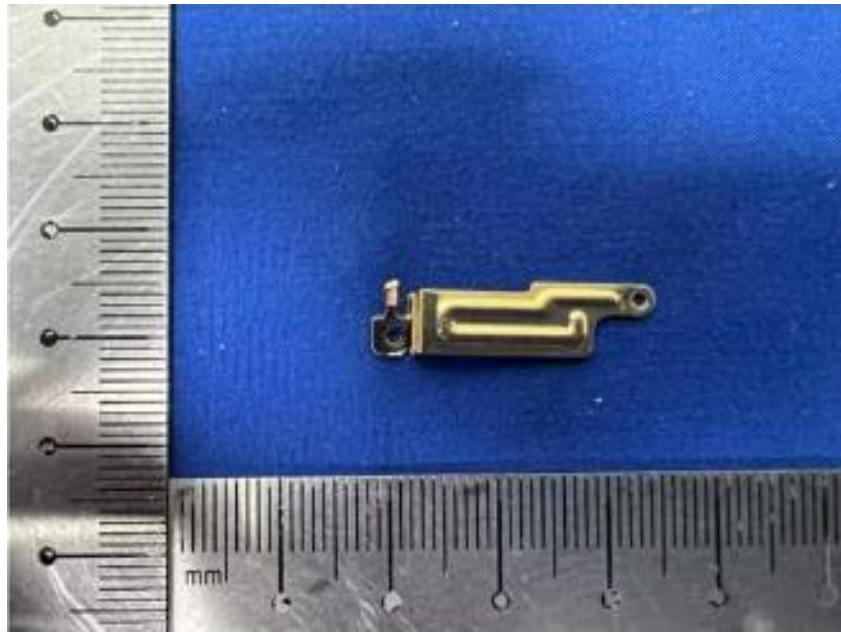
The product description:	The manufacturer: Welletronics Communication Technology Limited The name of the material: Bluetooth GPS metal middle frame RF antenna Material code: The version number: V1.0	Project type: GTX02 Specification/Color: Sign the sample date: 2023.07.24 note:			
The attachment:	<input checked="" type="checkbox"/> Description of electrical and mechanical properties (Specification) <input checked="" type="checkbox"/> Manufacturing flow chart <input checked="" type="checkbox"/> QCEngineering drawing <input checked="" type="checkbox"/> The sample <input checked="" type="checkbox"/> CPK report <input checked="" type="checkbox"/> Full size measurement report <input checked="" type="checkbox"/> Reliability test report <input checked="" type="checkbox"/> The packing way <input checked="" type="checkbox"/> Raw material list report /RoHS report/HF/REACH				
Supplier sign and approve	artificial:	audit: approval:			
The above shall be filled in by the supplier and the following shall be filled in by Aidu					
	department	Confirm the content	Verify the results	Confirm person/date	
Technical confirmation column	Supplier quality	<input type="checkbox"/> RoHS material <input type="checkbox"/> no RoHS material	<input type="checkbox"/> Meet REACH requirements	<input type="checkbox"/> Meet halogen-free requirements <input type="checkbox"/> Other Environmental Requirements	
	ID of Design Department	<input type="checkbox"/> The customer request ID	<input type="checkbox"/> Color confirmation	<input type="checkbox"/> Surface process confirmation <input type="checkbox"/> Shell, hardware, key material	
	Structural engineer	<input type="checkbox"/> Confirm the size of 2D drawing files <input type="checkbox"/> Specifications and technical requirements	<input type="checkbox"/> Focus on size marking control <input type="checkbox"/> Electrical performance parameter	<input type="checkbox"/> Adapter validation <input type="checkbox"/> function <input type="checkbox"/> Shell, hardware, key material <input type="checkbox"/> The effect	
	Hardware engineer	<input type="checkbox"/> Confirm the size of 2D drawing files <input type="checkbox"/> Specifications and technical requirements	<input type="checkbox"/> Focus on size marking control <input type="checkbox"/> Electrical performance parameter	<input type="checkbox"/> Adapter validation <input type="checkbox"/> function <input type="checkbox"/> Shell, hardware, key material <input type="checkbox"/> The effect	
	R&d quality	<input type="checkbox"/> Test standard confirmation <input type="checkbox"/> appearance	<input type="checkbox"/> Standardization of dimension marking (key dimensions)	<input type="checkbox"/> Reliability verification <input type="checkbox"/> Adapter validation <input type="checkbox"/> function <input type="checkbox"/> The effect	
Final confirmation	Project Manager	<input type="checkbox"/> Acknowledge the completeness of the documents <input type="checkbox"/> Standardization of dimension marking (key dimensions)	<input type="checkbox"/> Specifications and technical requirements <input type="checkbox"/> appearance	<input type="checkbox"/> Electrical performance parameter <input type="checkbox"/> function <input type="checkbox"/> The effect	
Admitted conditions:	<input type="checkbox"/> Official recognition <input type="checkbox"/> Set limit to admit <input type="checkbox"/> Refuse to admit				
Distribution department:	<input type="checkbox"/> IQC <input type="checkbox"/> supplier <input type="checkbox"/> The customer <input type="checkbox"/> after-sales <input type="checkbox"/> SQE/ Document control <input type="checkbox"/> other _____				

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Four、 Electrical characteristics

1. Antenna Structure

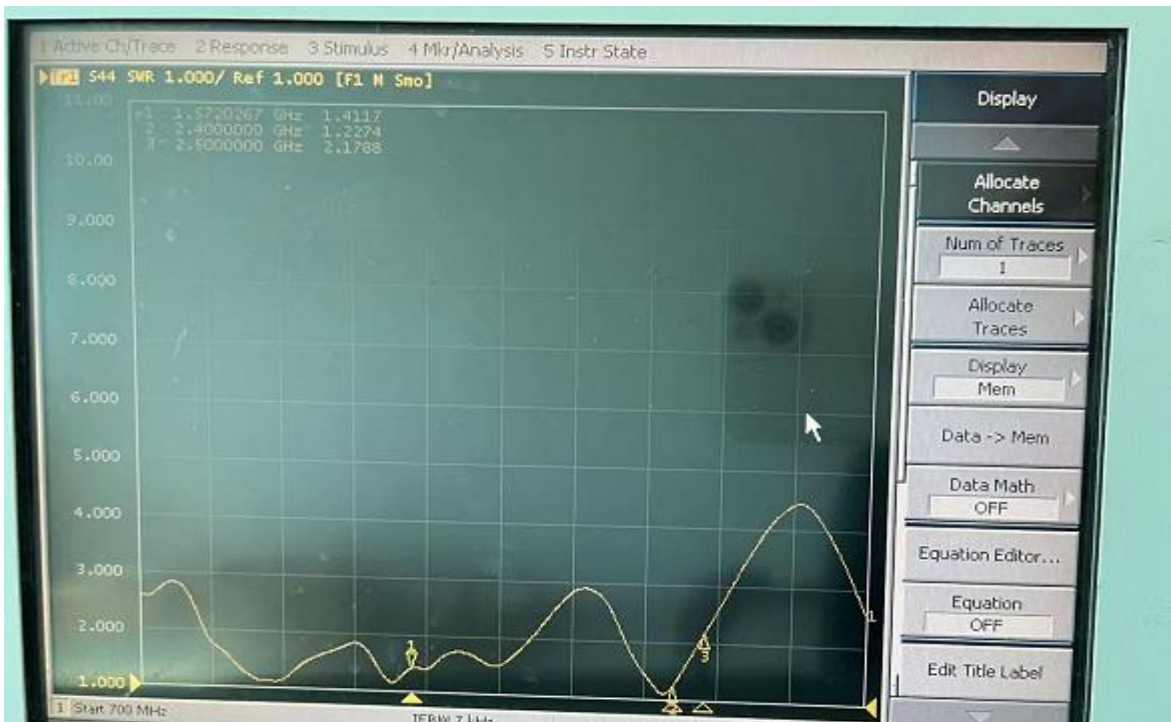


Size: 2.7*0.6cm

Figure antenna structure

2. Test Results

BT-Return Loss/VSWR

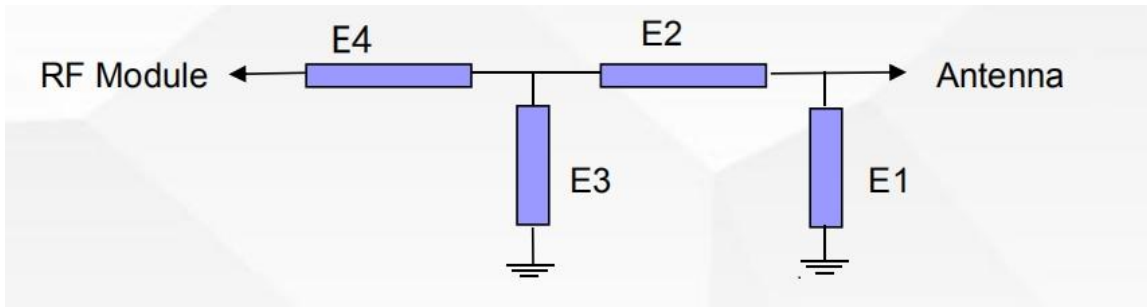


Test Repor No source by space test efficiency/pattern

free

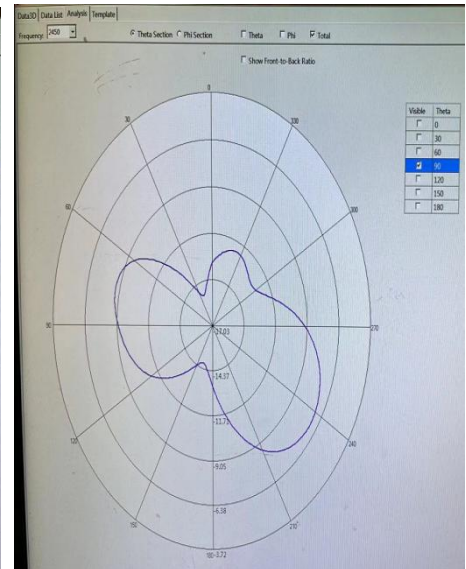
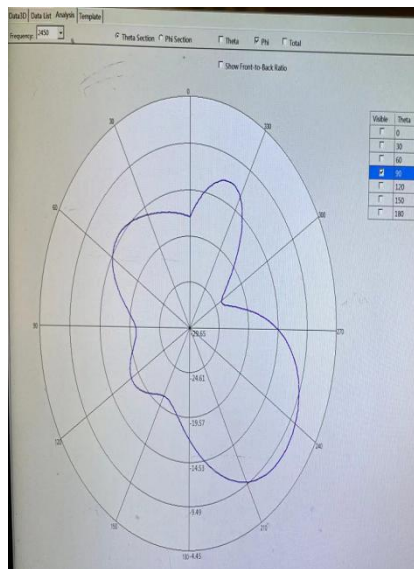
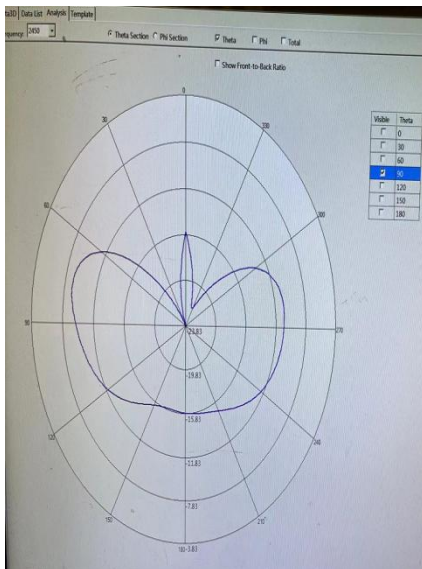
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	31.12	-5.07	1.58
2410	30.27	-5.19	1.34
2420	28.57	-5.44	1.03
2430	26.48	-5.77	0.58
2440	25.04	-6.01	0.22
2450	24.36	-6.13	-0.08
2460	22.85	-6.41	-0.54
2470	20.46	-6.89	-1.2
2480	19.03	-7.21	-1.62
2490	18	-7.45	-2.03
2500	17.43	-7.59	-2.24

Match

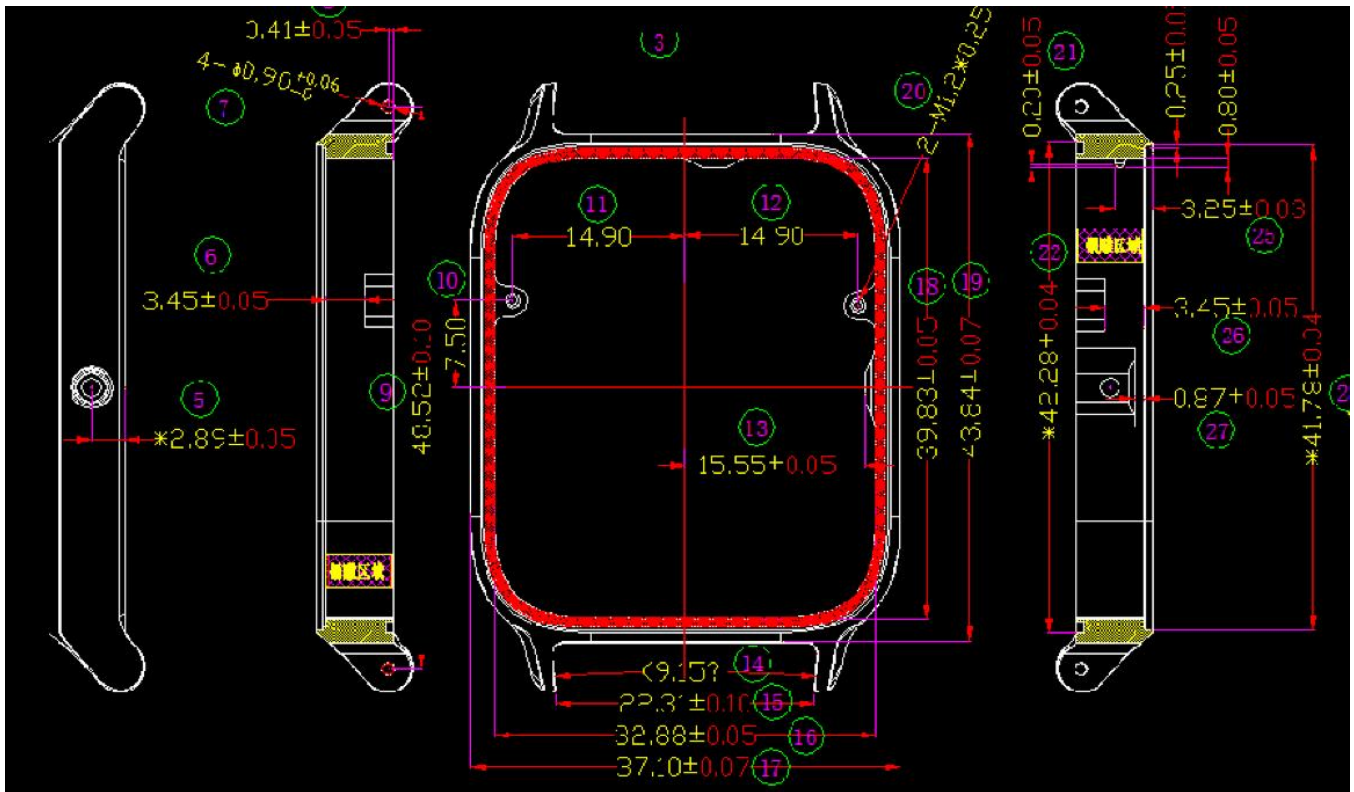


	Element	Value
Antenna	E1	
	E2	0 Ω
	E3	
	E4	0 Ω

3. The direction of figure
BT pattern



Five、 The 2D drawings



Antenna Dimension