

SPECIFICATION FOR APPROVAL

CUS PART NO: AMT211

PART NAME: Surface Roughness Tester

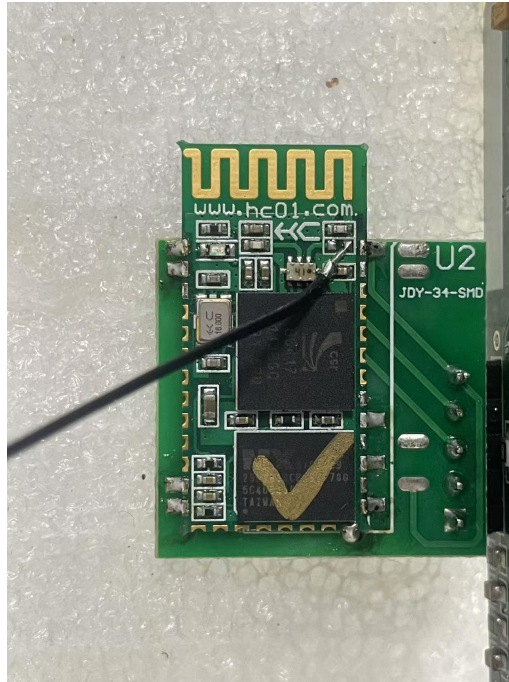
contents

1. Performance parameter	- 3 -
2.Appearance	- 4 -
3.EUT setup photo of free space OTA testing	- 4 -
4.VSWR parameters	- 5 -
5.Passive test data:	- 5 -
6.Radiation pattern	- 6 -

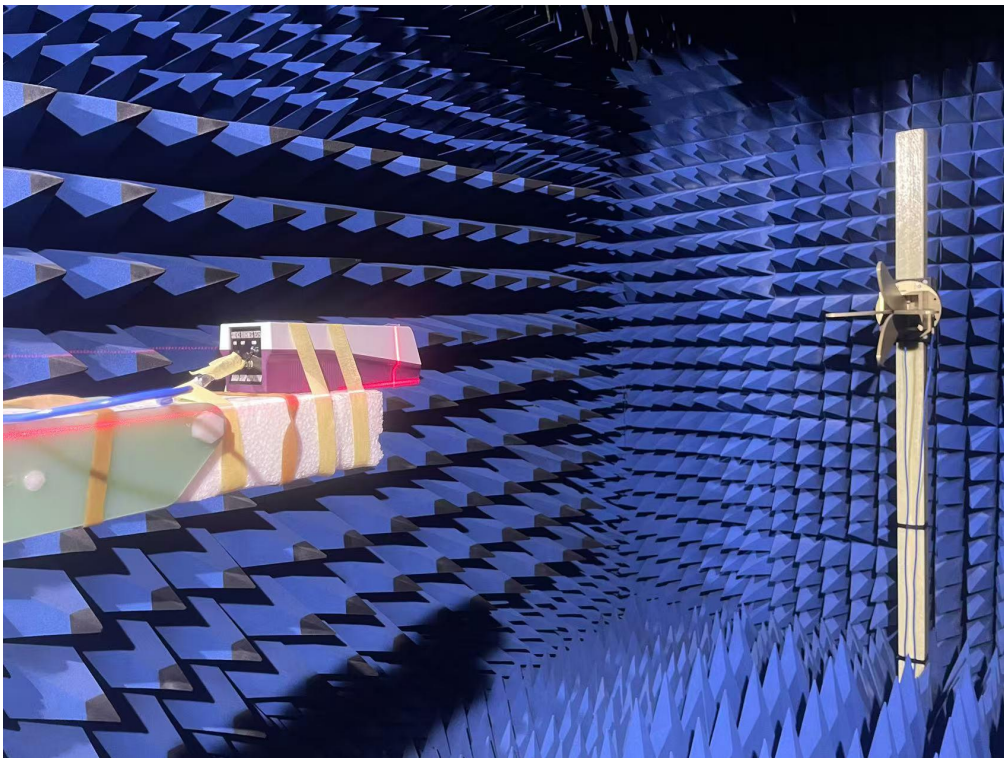
1. Performance parameter

Name	Surface Roughness Tester
Model Type	PCB Antenna
Frenquency Range	2400-2500 MHz
SIZE	/
Impedance	50 Ω
VSWR	< 3.35
Max Gain	-4.73 dBi
Manufacture	Qingdao Tlead International Co., Ltd.
Address	1-2606, 7080 Center, No. 20 Lianyungang Road, Dunhua Road, Shibe District, Qingdao City, Shandong Province

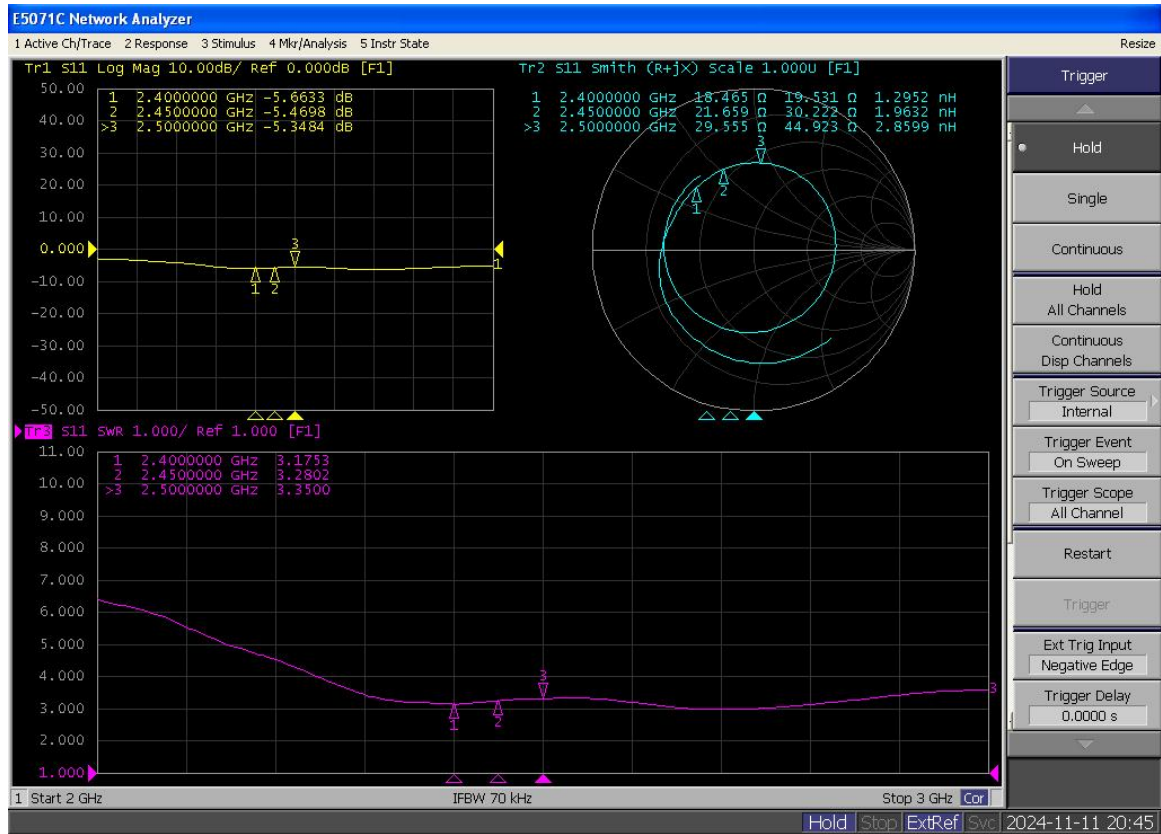
2.Appearance



3.EUT setup photo of free space OTA testing



4.VSWR parameters



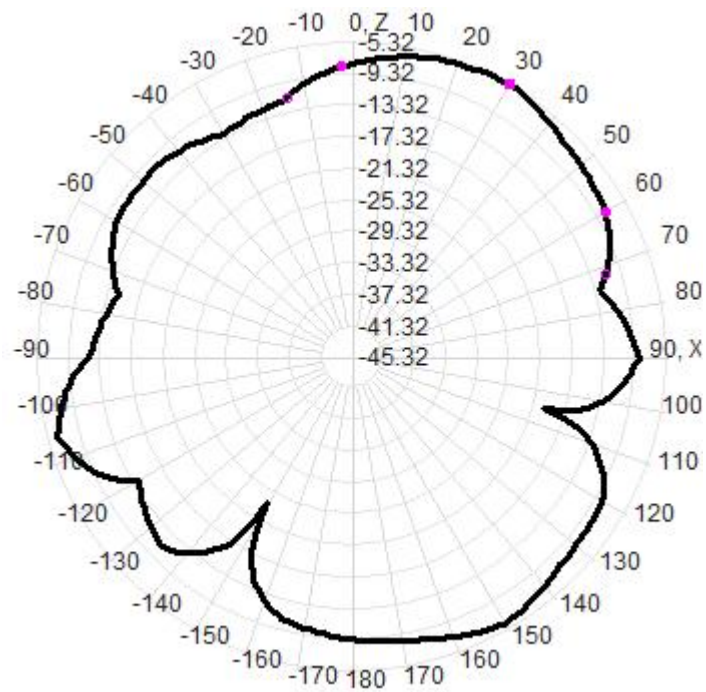
Frequency (MHz)	2400	2450	2500
VSWR	3.18	3.28	3.35

5.Passive test data:

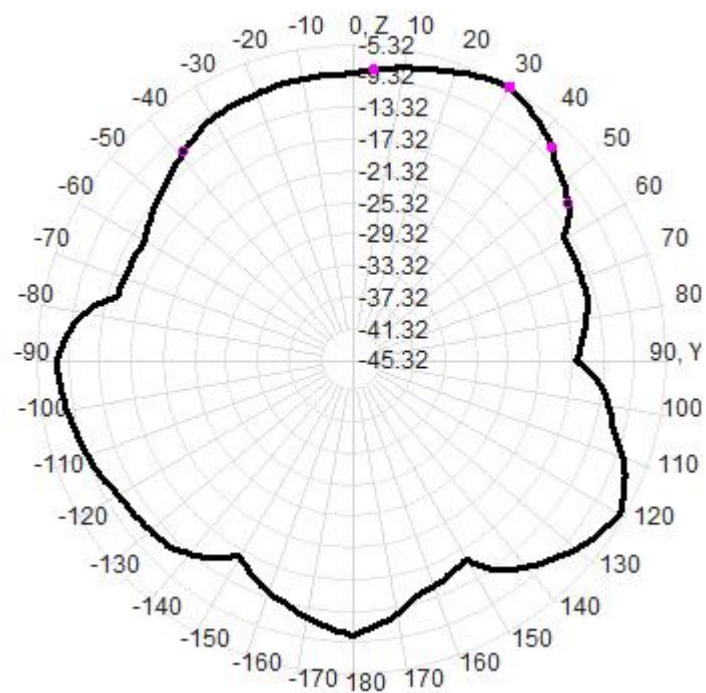
Frequency(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain(dBi)	-5.29	-4.88	-5.01	-4.73	-5.14	-5.43	-5.88	-6.27	-6.59	-6.95	-6.70
Efficiency(%)	8.88	9.37	8.82	9.32	8.79	8.37	8.26	8.31	8.24	7.60	7.91

6. Radiation pattern

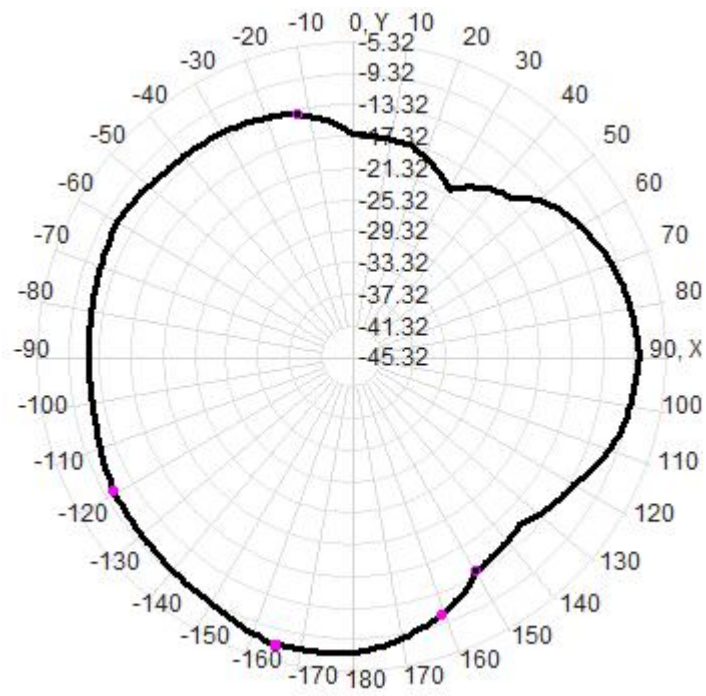
2430.0MHz Total(E1-XZ), Max= -5.33dBi



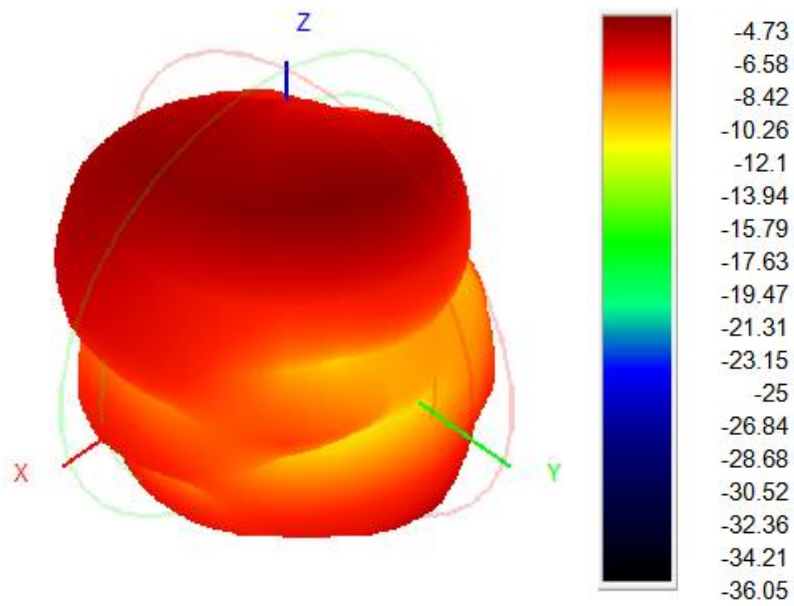
2430.0MHz Total(E2-YZ), Max= -5.32dBi



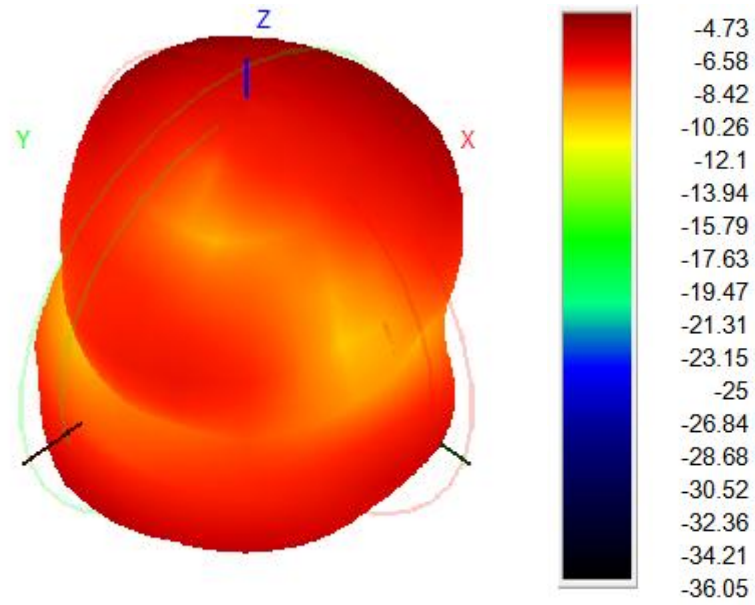
Total(H-XY), Max= -7.71dBi, CirD=13.15



2430.0MHz H+V, Eff: 9.3%



Back View



-----End-----