

Approval sheet					
ZoomSmart project		A1005 ANT3			
ZoomSmart P/N		0101020354			
Supplier name		Suzhou Huimi Communication Technology Co., Ltd			
Supplier P/N		HM0237-ANT3			
Sample signing date					
Function ☐	Drawing ☐	Measurement report ☐	Material report ☐	Reliability test report ☐	Packing ☐
Supplier	Producer	ME	RF	BD	QC
ZoomSmart	ME	RF	PD	PM	QC

Note: heads of departments must manually sign for confirmation

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微米科技
HUIMI TECHNOLOGY

Suzhou Huimi Communication Technology Co., Ltd

Project Name: A1005_ANT3 antenna		Document: A1005_ANT3 antenna Approval Sheet_A
Date:2022-08-30	Version: A	

1. Summary

This is the ANT3 antenna approval sheet

Working band :

1176MHz+1575MHz,2400-2500MHz,5150-5850MHz

2. Antenna Structure

FPC+cable

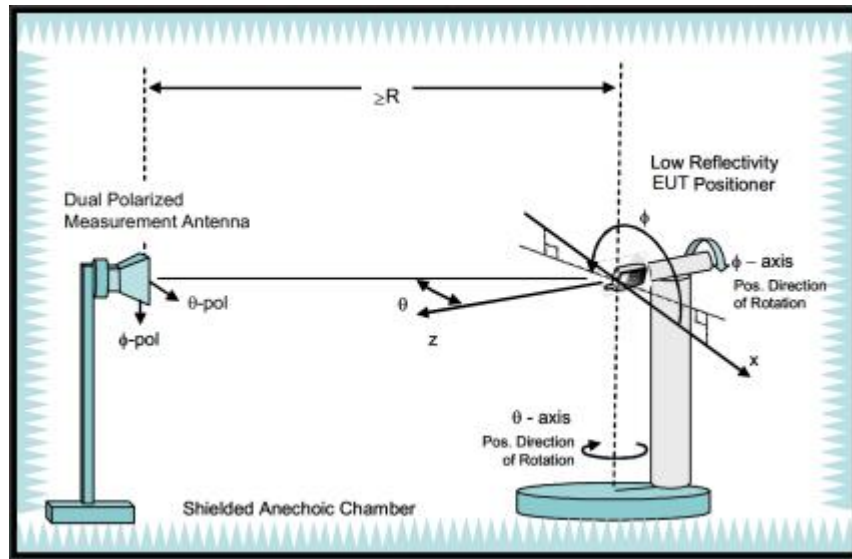
3.Device Conditions



Picture 1 A1005 mobile phone photograph

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4. Test Environment



Picture 2 Test Environment photo

5. Antenna Test Results

5.1 Antenna Photos



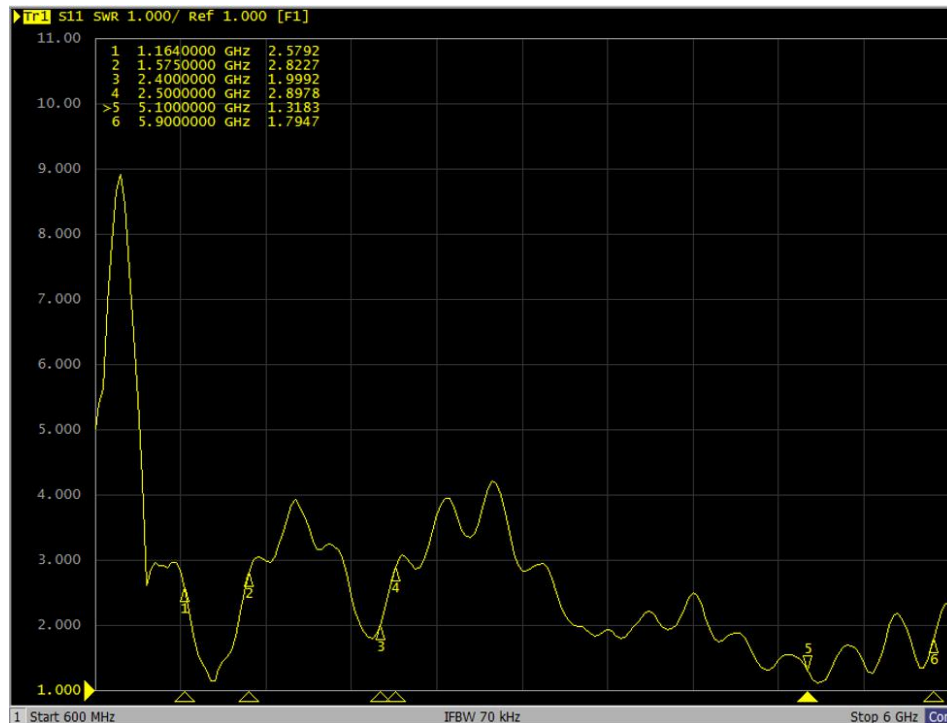
Picture 3 ANT3 antenna photograph

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5.2 Antenna Matching

No matching

5.3 Passive VSWR



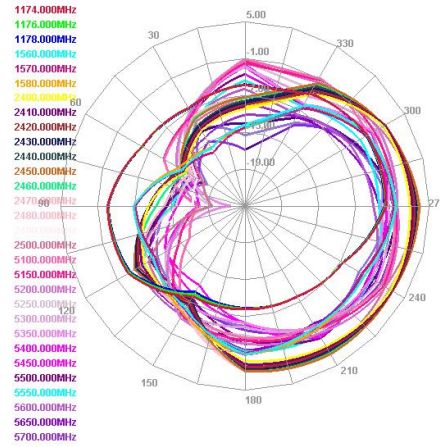
Picture 4 ANT3 antenna VSWR

5.4 Passive Efficiency

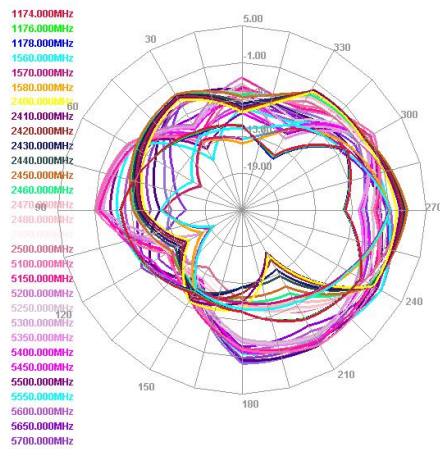
Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)
1164	30.42	-1.59	2400	56.62	2.72
1166	30.11	-1.66	2410	58.43	2.68
1168	29.76	-1.75	2420	60.27	2.72
1170	29.51	-1.83	2430	60.6	2.88
1172	29.13	-1.93	2440	59.89	2.95
1174	28.83	-1.97	2450	64.76	3.4
1176	28.46	-2.04	2460	60.5	3.22
1178	28.05	-2.14	2470	59.42	3.28
1180	27.83	-2.17	2480	60.34	3.5
1182	27.76	-2.2	2490	55.27	3.29
1184	27.81	-2.24	2500	50.98	3.07
1560	29.14	-0.4	5100	56.26	3.75
1570	27.83	-0.68	5150	53.21	3.4
1580	29.38	-0.35	5200	55.11	3.34
			5250	49.06	2.83
			5300	44.08	2.81
			5350	42.63	3.23
			5400	47.47	3.44
			5450	46.98	2.85
			5500	47.11	3.44
			5550	47.23	3.55
			5600	41.92	2.94
			5650	36.88	2
			5700	43.33	2.69
			5750	42.88	2.63
			5800	35.48	1.91
			5850	36.75	2.08

5.5 Radiation Pattern

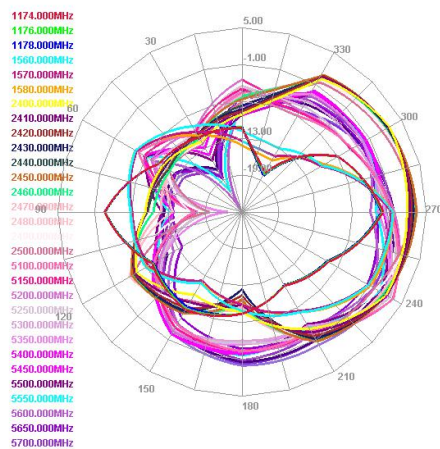
Horizontal



E1 Face



E2 Face



5.6 OTA Result

Band	CH	TRP	TIS
11b	1	14.25	
	7	13.68	
	13	13.52	-83.62
11a	36	13.25	
	60	13.12	
	165	12.98	-67.23

6. Mechanical Drawings

