Approval sheet

ZoomSmart project	A1005 ANT7
ZoomSmart P/N	0101020358
Supplier name	Suzhou Huimi Communication Technology Co., Ltd
Supplier P/N	HM0237-ANT7
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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1. Summary

This is the ANT7 antenna approval sheet

Working band :

2500-2700MHz

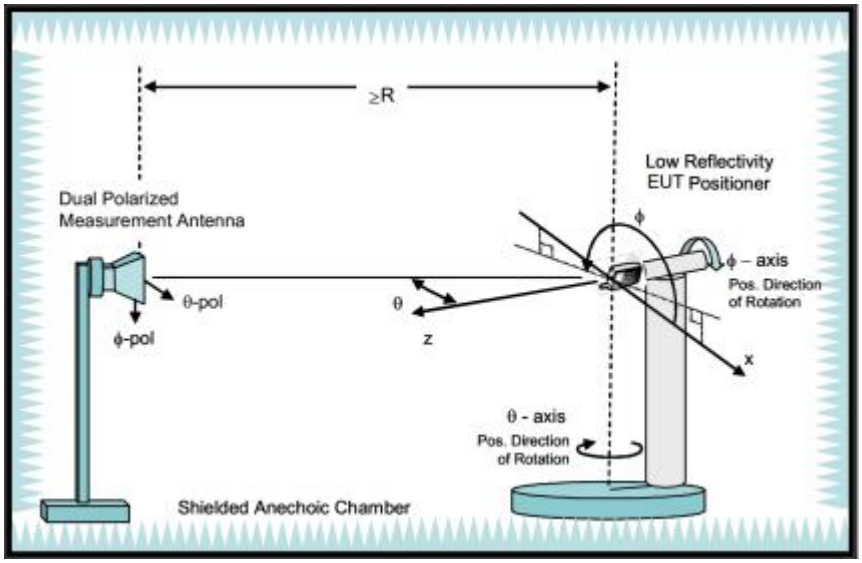
2. Antenna Structure

FPC+cable

3.Device Conditions

Picture 1 A1005 mobile phone photograph

4.Test Environment



Picture 2 Test Environment photo

5.Antenna Test Results

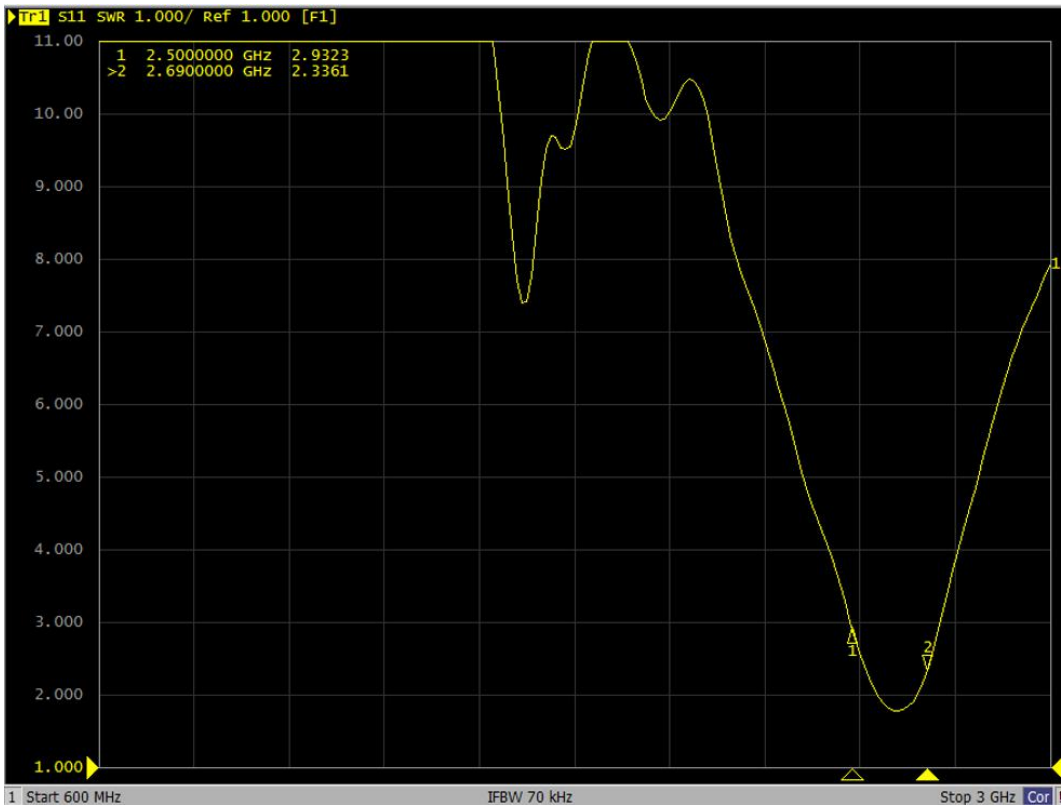
5.1 Antenna Photos

Picture 3 ANT7 antenna photograph

5.2 Antenna Matching

No matching

5.3 Passive VSWR



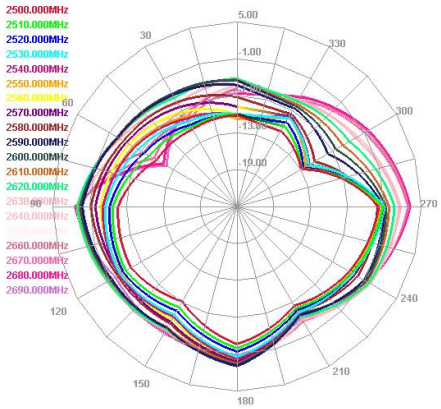
Picture 4 ANT7 antenna VSWR

5.4 Passive Efficiency

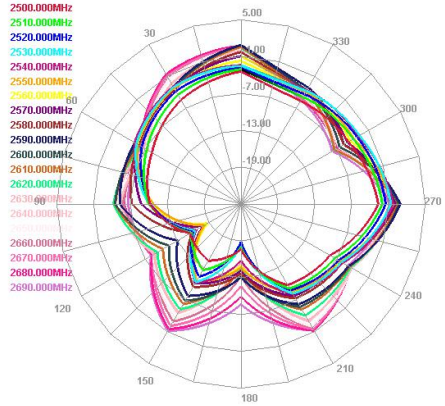
Freq (MHz)	Effi (%)	Gain (dBi)
2490	25.96	-0.11
2500	25.82	-0.01
2510	30.53	0.92
2520	33.59	1.63
2530	37.69	2.27
2540	38.42	2.48
2550	34.6	1.8
2560	34.93	1.9
2570	36.02	1.77
2580	37.5	1.69
2590	45.95	2.09
2600	46.28	1.65
2610	45.65	1.08
2620	49.53	1.26
2630	52.11	1.53
2640	48.21	1.65
2650	52.29	2.48
2660	50.3	2.65
2670	52.19	2.93
2680	54.73	3.2
2690	53.91	3.14

5.5 Radiation Pattern

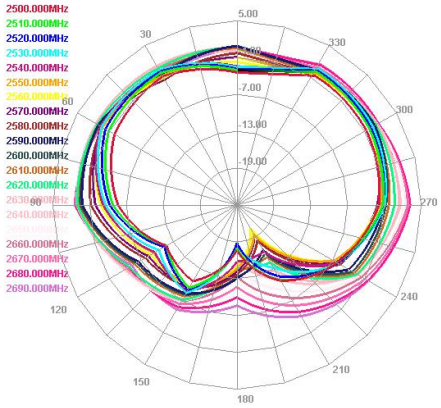
Horizontal



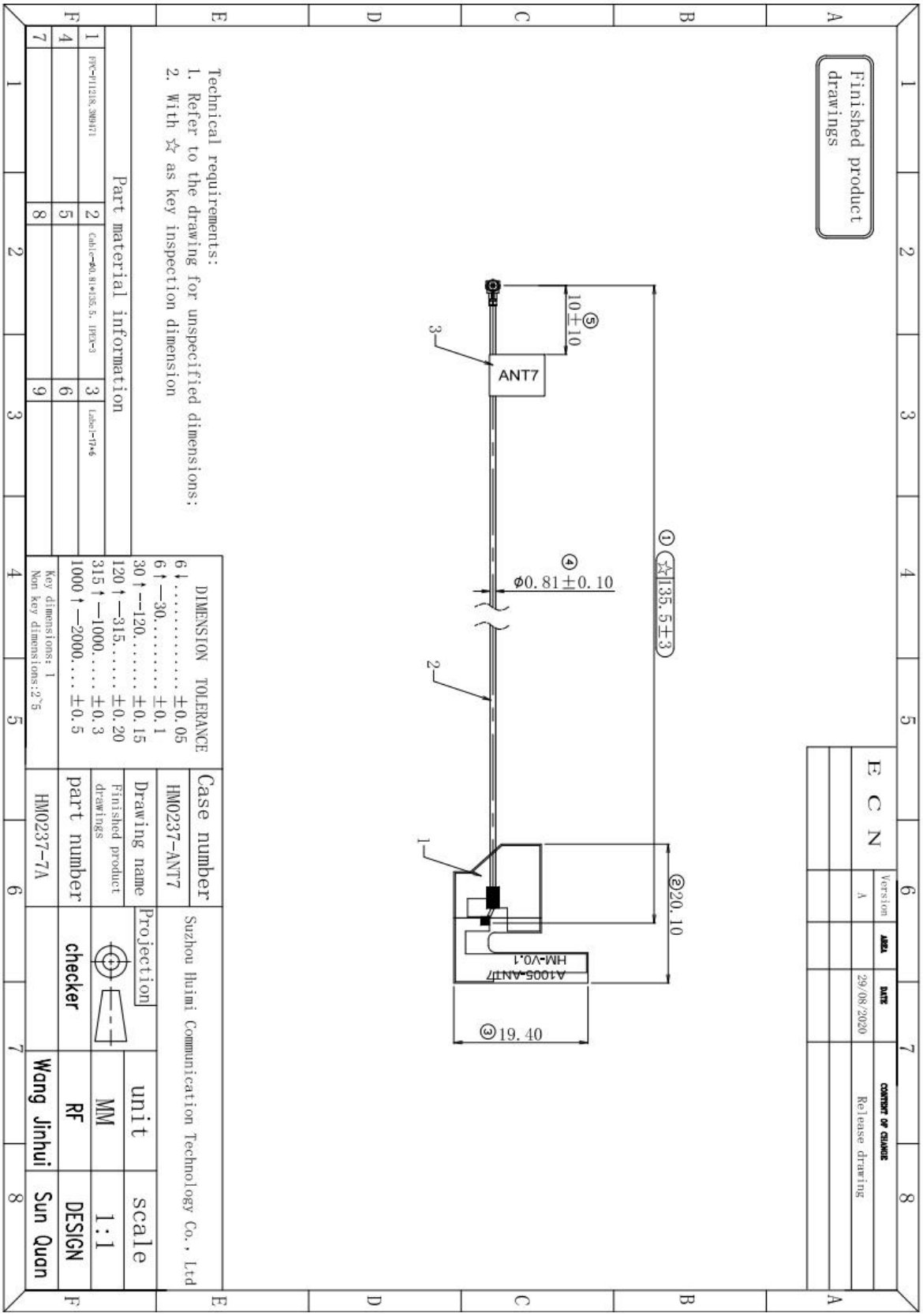
E1 Face



E2 Face



6. Mechanical Drawings



7. Dimension Report

Suzhou Huimi Communication Technology Co.，Ltd
Dimension Report

Customer			ZoomSmart			Project Name		A1005		version umber		A	
Supplier P/N			HM0237			ANT Name		ANT7		Date		2022/8/29	
No	Nature	NOMINAL	tolerance		Inspection Method	Sample Number						OK/NG	Remarks
			+TOL	-TOL		1	2	3	4	5			
1	*	135.50	3	3		134.50	135.00	135.50	135.00	135.00		OK	
2		20.10	0.2	0.2		20.15	20.13	20.12	20.12	20.13		OK	
3		19.40	0.2	0.2		19.43	19.45	19.40	19.41	19.43		OK	
4		0.81	0.1	0.1		0.81	0.81	0.81	0.81	0.81		OK	
5		10.00	10	10		15.00	15.00	15.00	15.00	15.00		OK	