

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

Catalog

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1. Summary

This is the ANT7 antenna approval sheet

Working band :

2500-2700MHz

2. Antenna Structure

FPC+cable

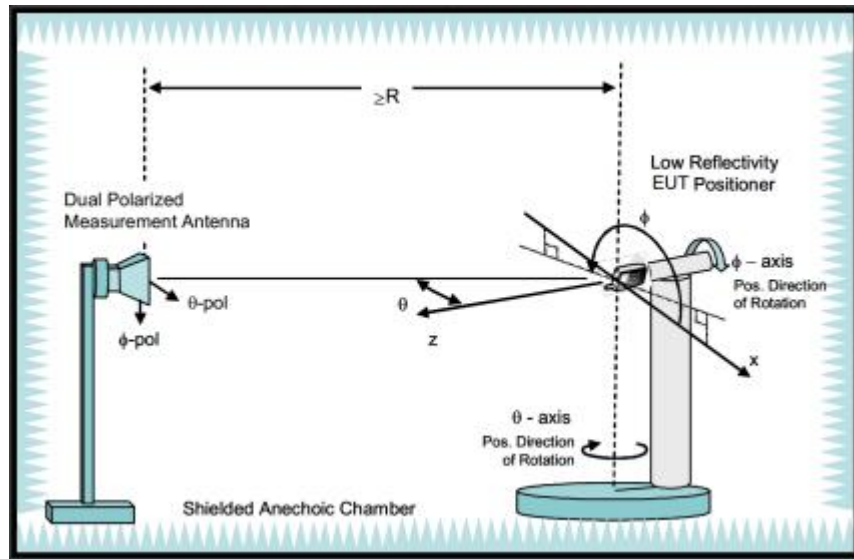
3. Device Conditions



Picture 1 A1005 mobile phone photograph

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4. Test Environment



Picture 2 Test Environment photo

5. Antenna Test Results

5.1 Antenna Photos



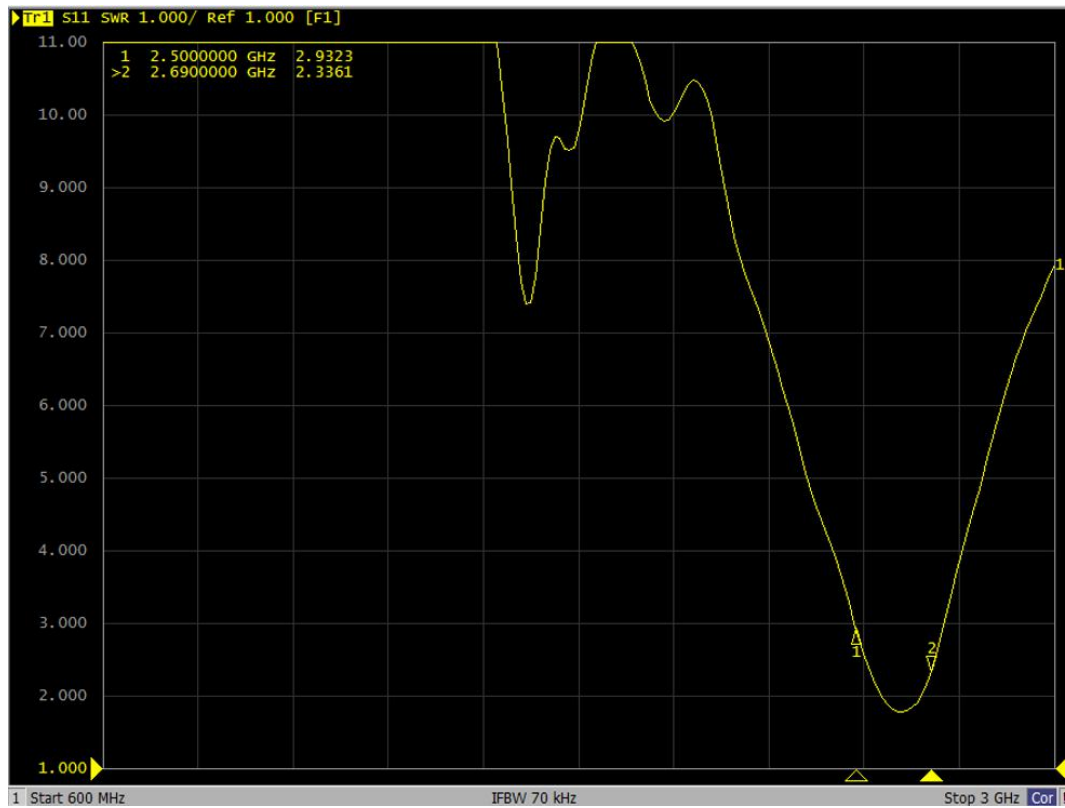
Picture 3 ANT7 antenna photograph

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5.2 Antenna Matching

No matching

5.3 Passive VSWR



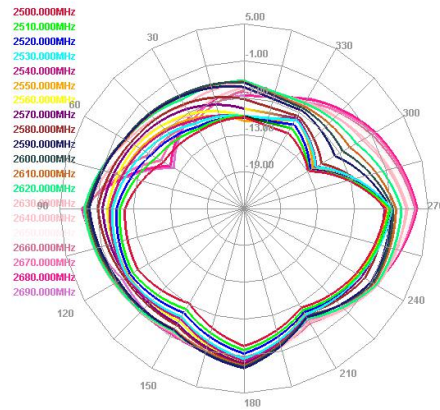
Picture 4 ANT7 antenna VSWR

5.4 Passive Efficiency

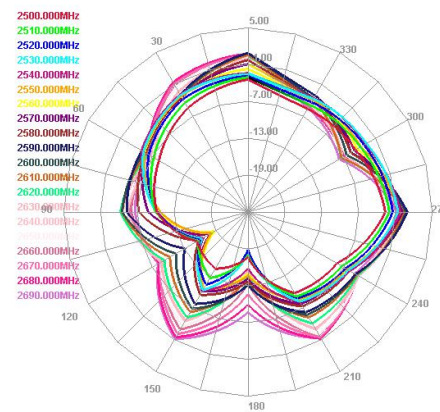
Freq (MHz)	Effi (%)	Gain (dBi)
2490	25.96	-0.11
2500	25.82	-0.01
2510	30.53	0.92
2520	33.59	1.63
2530	37.69	2.27
2540	38.42	2.48
2550	34.6	1.8
2560	34.93	1.9
2570	36.02	1.77
2580	37.5	1.69
2590	45.95	2.09
2600	46.28	1.65
2610	45.65	1.08
2620	49.53	1.26
2630	52.11	1.53
2640	48.21	1.65
2650	52.29	2.48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

5.5 Radiation Pattern

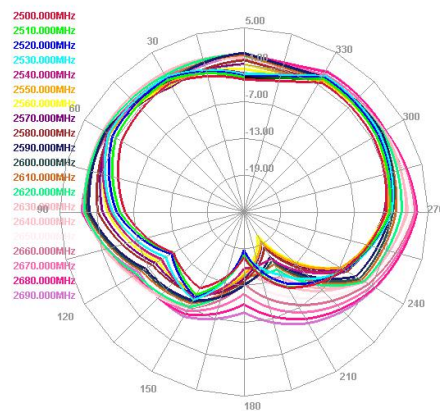
Horizontal



E1 Face



E2 Face





Technical drawing of a mechanical part, likely a connector or antenna, showing a side view and a cross-section. The side view includes dimensions: 10±10, 135.5±3, 20.10, and 19.40. The cross-section shows internal features labeled ANT7, HM-V0.1, and A1005-ANT7. The drawing is labeled with "Finished product drawings" and "ANT7".

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E C N	Version	AREA	DATE	CONTENT OF CHANGE
	A		29/08/2020	Release drawing

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7. Dimension Report

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