



TEST DATA

Applicant Hannto Technology Co, Ltd.
Product Xiaomi Instant Photo Printer 1S
Model ZPDYJ03HT
HW Version RevC.1
SW Version 1.1.0_0045
Report No. Y2208A0780-T1
Issue Date August 25, 2022

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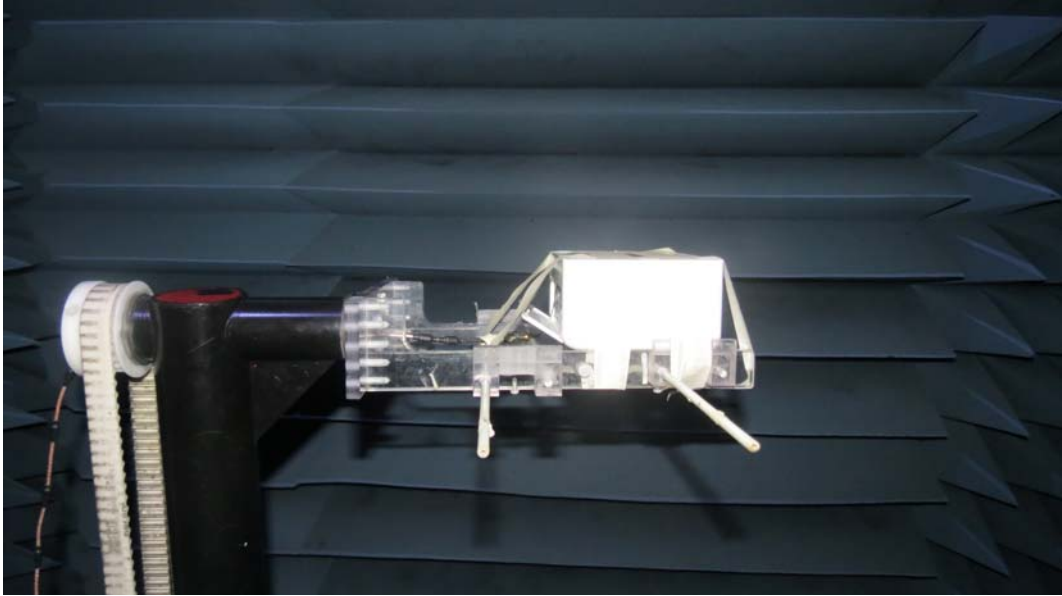
TEL: +86-021-50791141/2/3

FAX: +86-021-50791141/2/3-8000

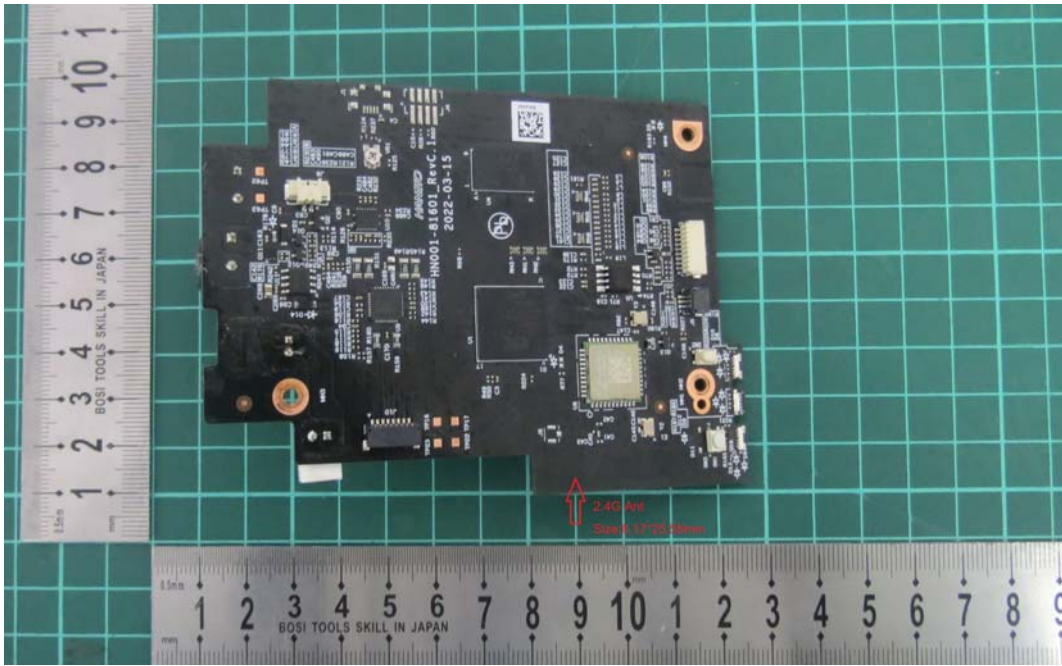
1. EUT Appearance



2. Test Setup



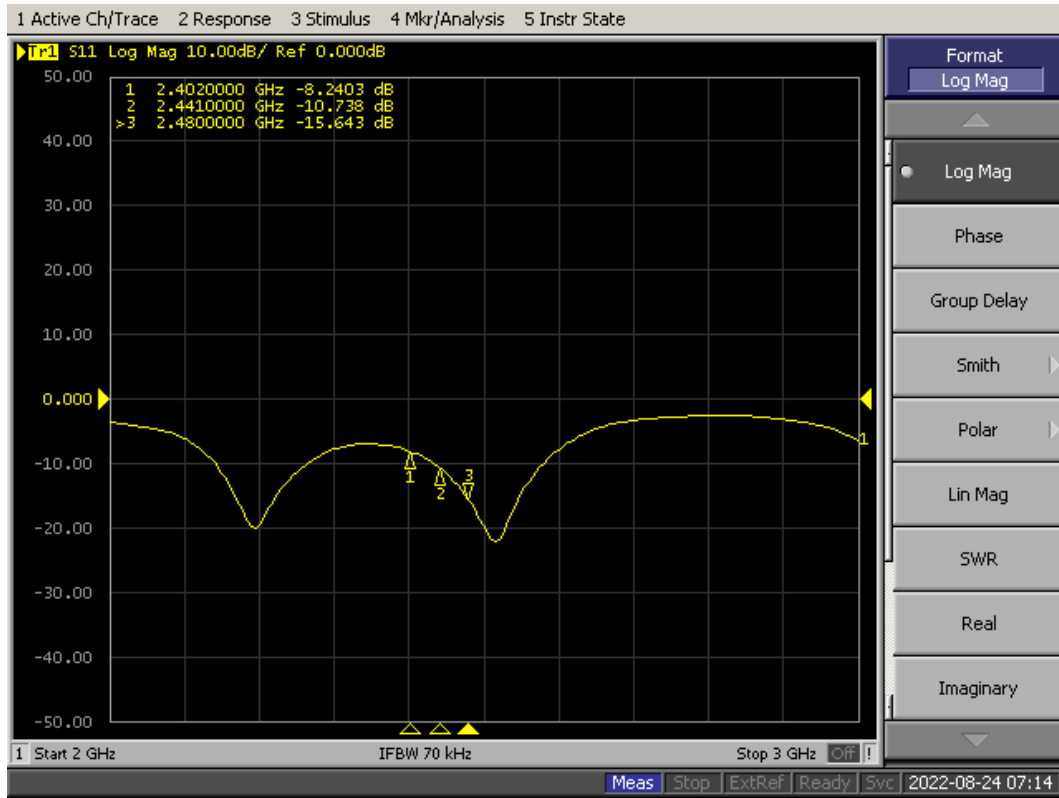
3. Antenna Sample



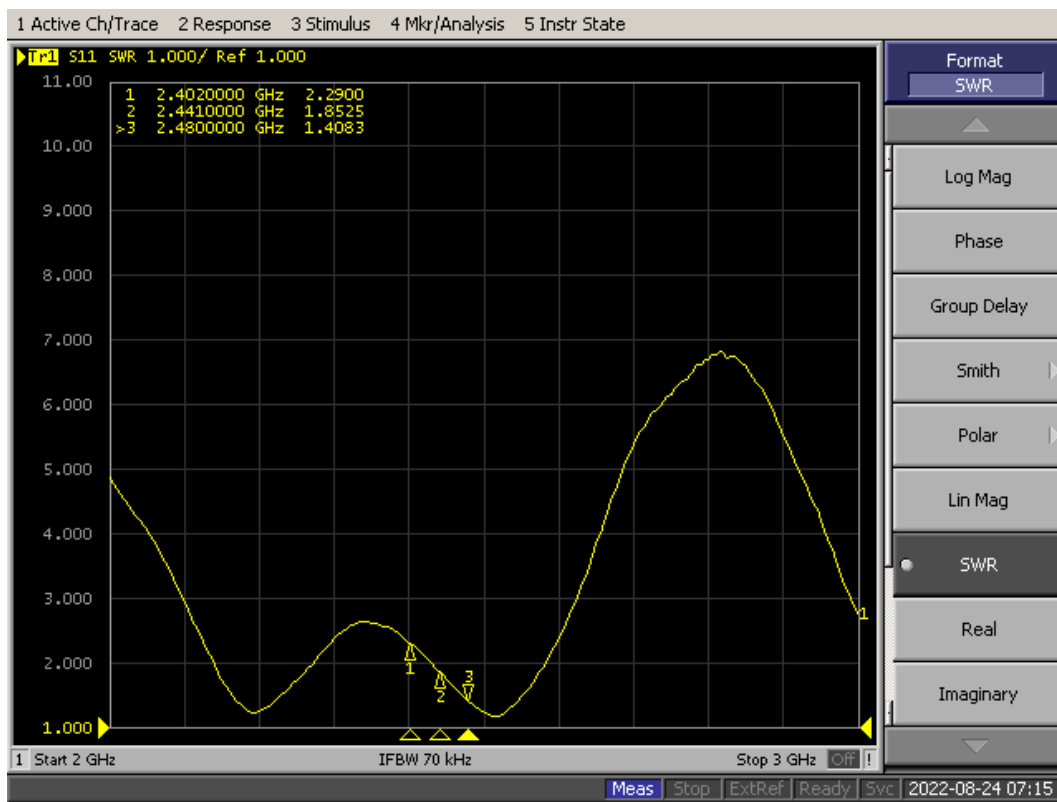
peak Gain=2.53dBi



4. Return Loss

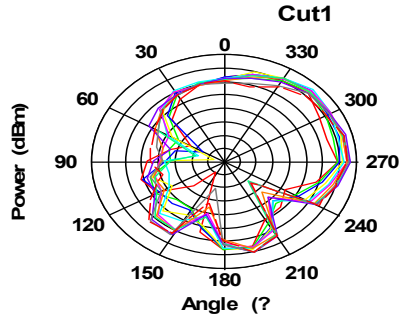


5. VSWR



**6. Efficiency and Gain**

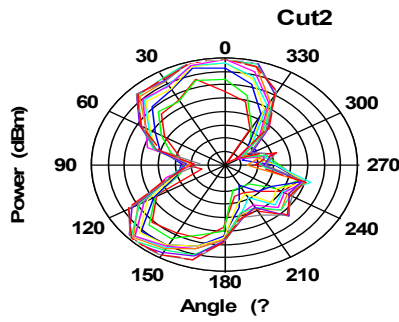
Test Item	Test State	Frequency (MHz)	Efficiency(%)	Gain(dBi)	Note
GAIN	FS	2400	52.74	2.29	/
		2410	53.27	2.16	
		2420	54.97	2.39	
		2430	54.88	2.53	
		2440	55.18	2.42	
		2450	55.46	2.17	
		2460	57.46	2.31	
		2470	58.16	2.28	
		2480	60.13	2.23	
		2490	62.20	2.36	
		2500	62.53	2.33	



Max: 0
Min: -40
Scale: 5/div

2400 MHz	2500 MHz
2410 MHz	
2420 MHz	
2430 MHz	
2440 MHz	
2450 MHz	
2460 MHz	
2470 MHz	
2480 MHz	
2490 MHz	

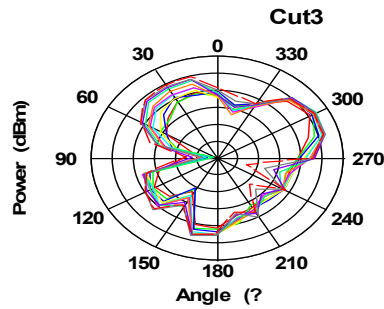
Horizontally Polarized XY plane



Max: 2
Min: -14
Scale: 2/div

2400 MHz	2500 MHz
2410 MHz	
2420 MHz	
2430 MHz	
2440 MHz	
2450 MHz	
2460 MHz	
2470 MHz	
2480 MHz	
2490 MHz	

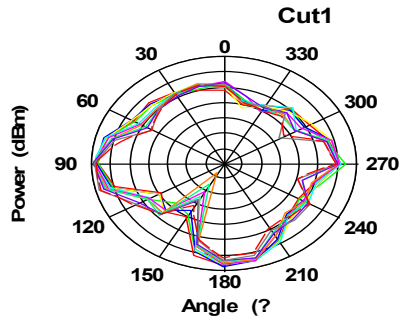
Horizontally Polarized XZ plane



Max: 5
Min: -25
Scale: 5/div

2400 MHz	2500 MHz
2410 MHz	
2420 MHz	
2430 MHz	
2440 MHz	
2450 MHz	
2460 MHz	
2470 MHz	
2480 MHz	
2490 MHz	

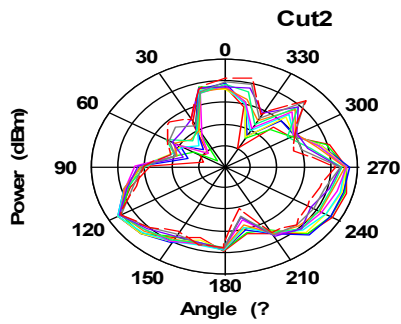
Horizontally Polarized YZ plane



Max: 0
Min: -35
Scale: 5/div

2400 MHz	2500 MHz
2410 MHz	
2420 MHz	
2430 MHz	
2440 MHz	
2450 MHz	
2460 MHz	
2470 MHz	
2480 MHz	
2490 MHz	

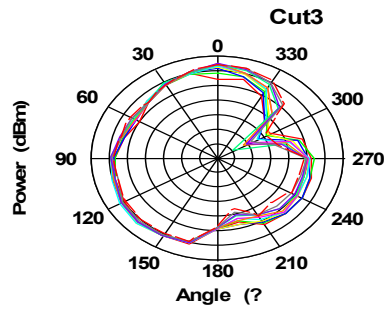
Vertical Polarization XY plane



Max: 0
Min: -25
Scale: 5/div

2400 MHz	2500 MHz
2410 MHz	
2420 MHz	
2430 MHz	
2440 MHz	
2450 MHz	
2460 MHz	
2470 MHz	
2480 MHz	
2490 MHz	

Vertical Polarization XZ plane



Max: 5
Min: -30
Scale: 5/div

2400 MHz	2500 MHz
2410 MHz	
2420 MHz	
2430 MHz	
2440 MHz	
2450 MHz	
2460 MHz	
2470 MHz	
2480 MHz	
2490 MHz	

Vertical Polarization YZ plane