



TEST DATA

Applicant	Hannto Technology Co., Ltd.
Product	Photo Printer
Model	DHP512, DHP513
HW Version	FW0016
SW Version	FN002_80601_REVA
Report No.	Y2203A0218-T1
Issue Date	March 4, 2022

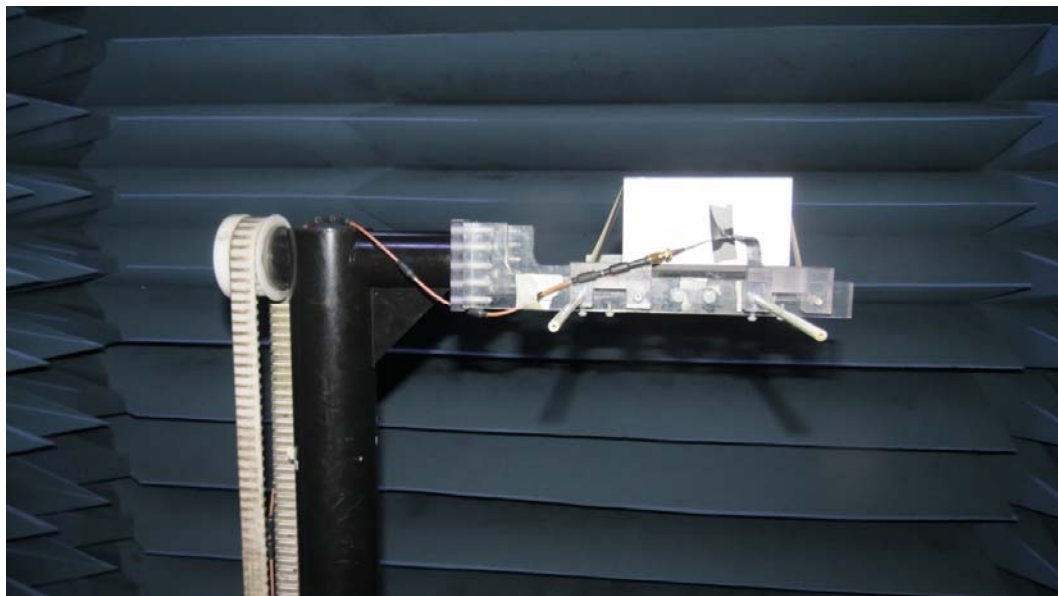
TA Technology (Shanghai) Co., Ltd.

No.145, Jintang Rd, Tangzhen Industry Park, Pudong Shanghai, China

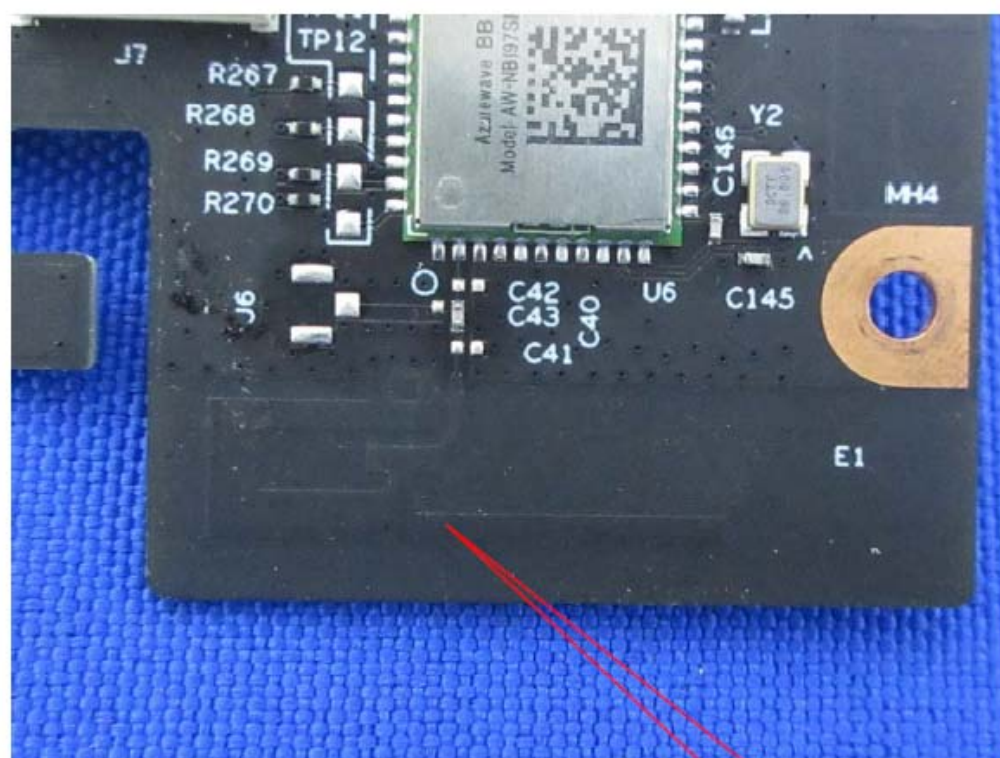
TEL: +86-021-50791141/2/3

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

1. Test Setup



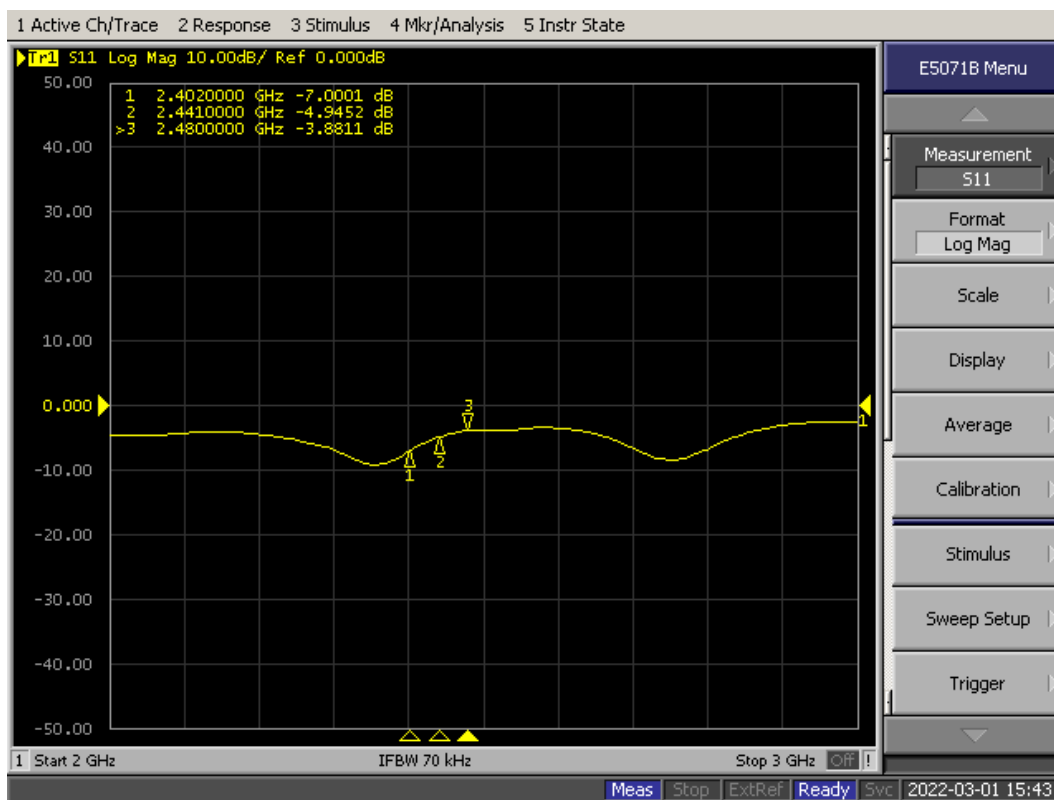
2. Antenna Sample



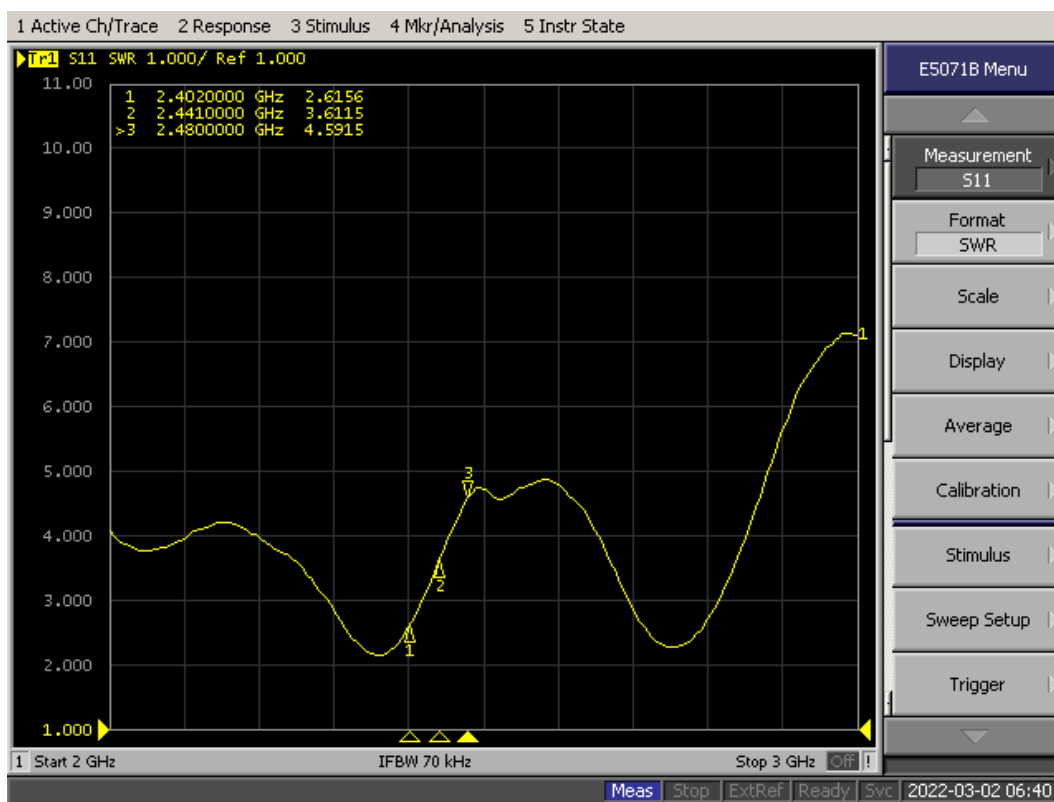
2.4G Ant.
22.85 x 7.05mm

peak Gain=1.8dBi

3. Return Loss



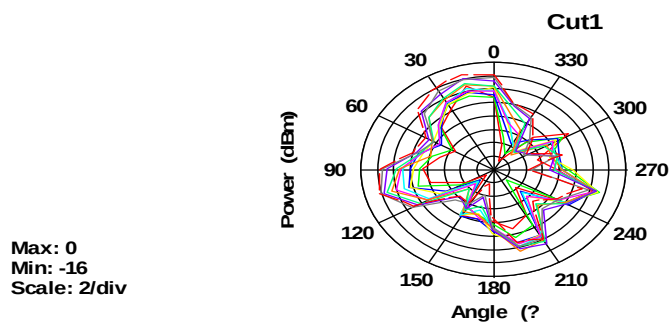
4. VSWR



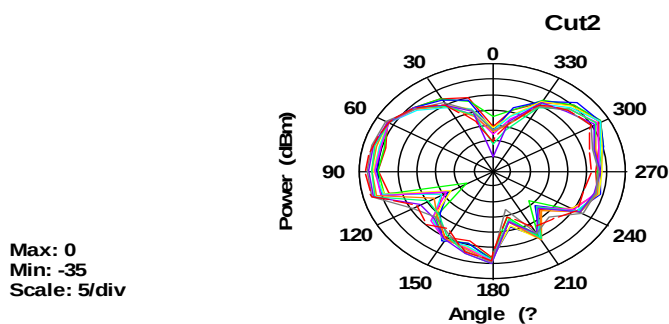


5. Efficiency and Gain

Test Item	Test State	Frequency (MHz)	Efficiency (%)	Gain(dBi)	Note
GAIN	FS	2400	43.80	0.61	15°
		2410	46.27	1.04	
		2420	49.04	1.19	
		2430	45.72	1.23	
		2440	41.92	1.19	
		2450	41.68	1.12	
		2460	45.13	1.41	
		2470	46.19	1.80	
		2480	46.75	1.76	
		2490	47.09	1.79	
		2500	46.52	1.59	

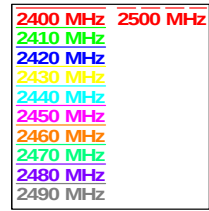
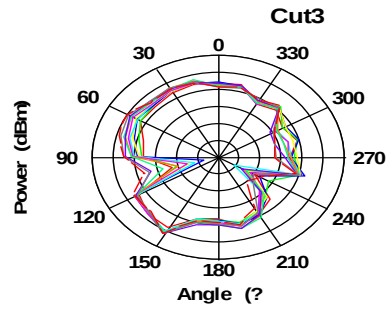


Horizontally Polarized XY plane



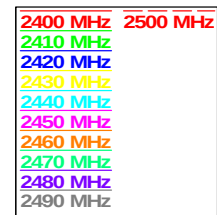
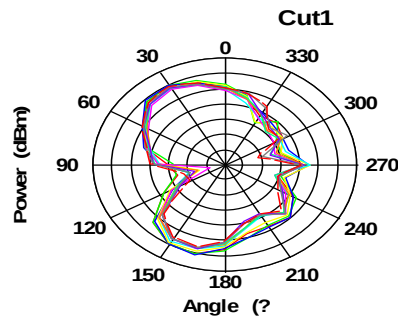
Horizontally Polarized XZ plane

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



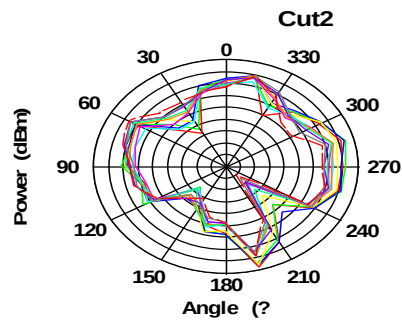
Horizontally Polarized YZ plane

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



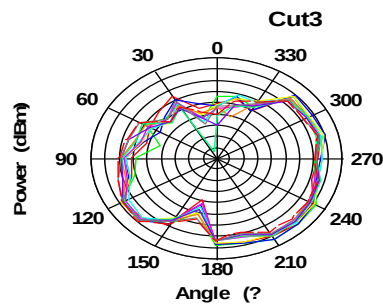
Vertical Polarization XY plane

Max: 0
Min: -18
Scale: 2/div



Vertical Polarization XZ plane

Max: 0
Min: -45
Scale: 5/div



Vertical Polarization YZ plane