



# Antenna report

Version : V01

Date : 2023/1/13

Production: Huang Jianjun

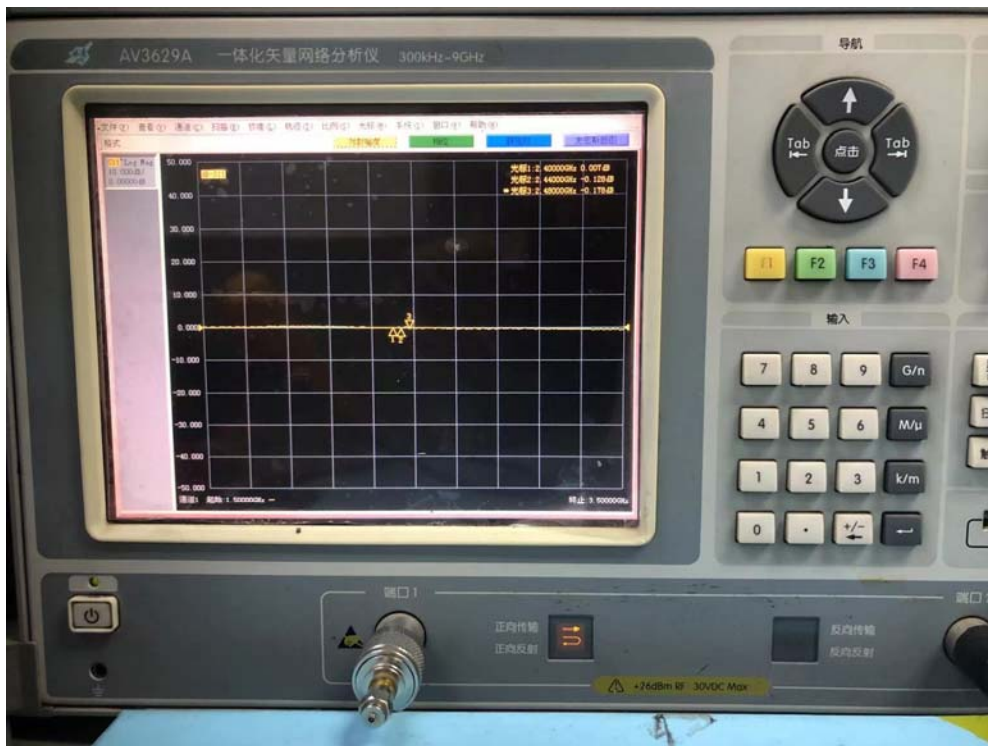
Audit : Change Liu

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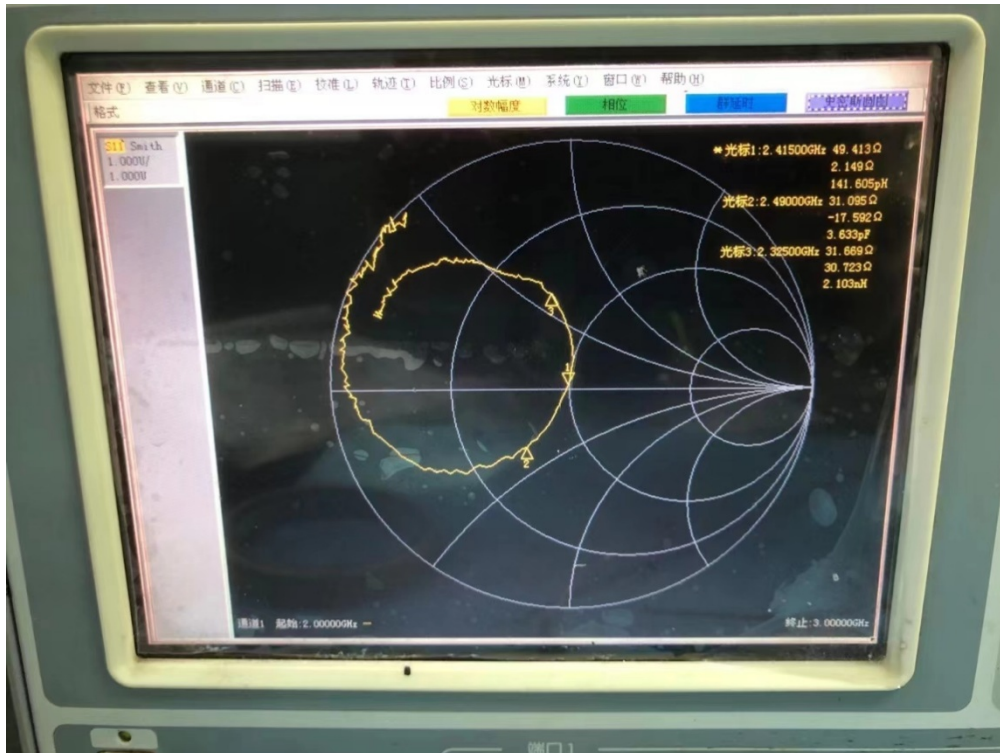
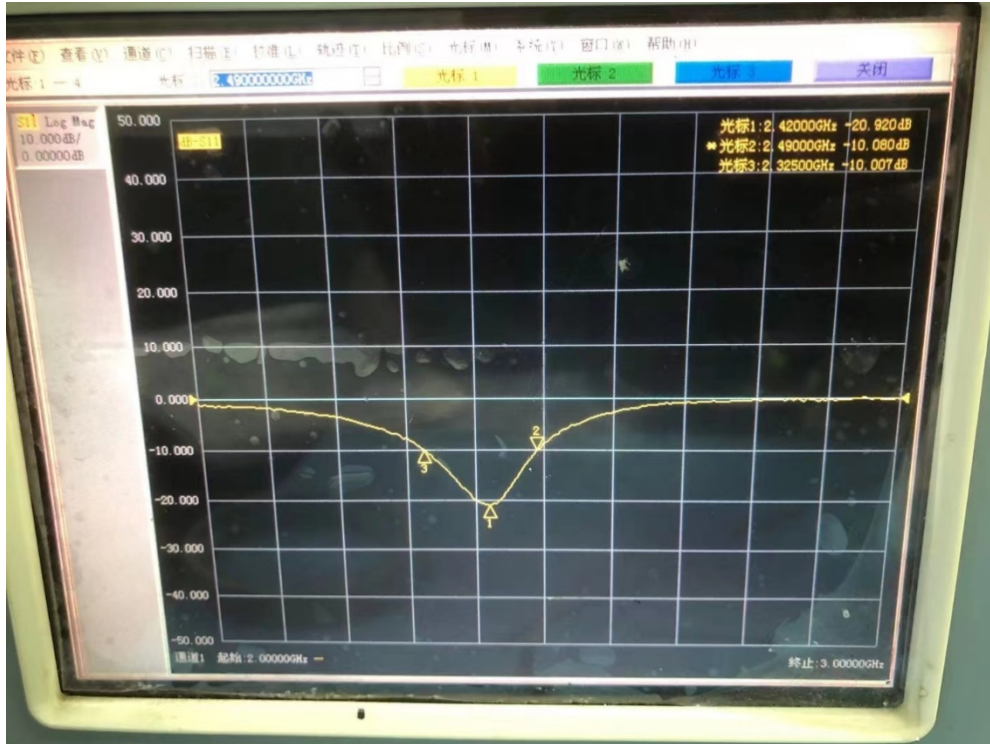
Change the record bar			
Date of establishment/change	Reasons for change	Change the content	Version
2023/1/13	Initial release	Initial release	V01

— : Passive test report



VA3629A

### BT antenna S11 parameter

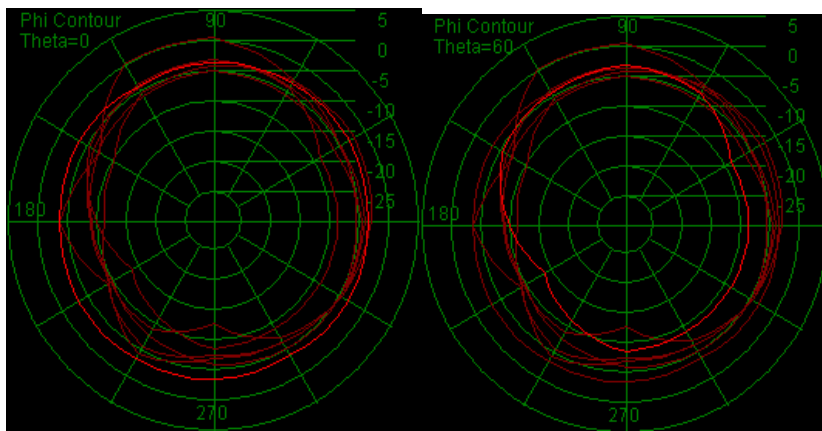


BT Antenna efficiency and gain :

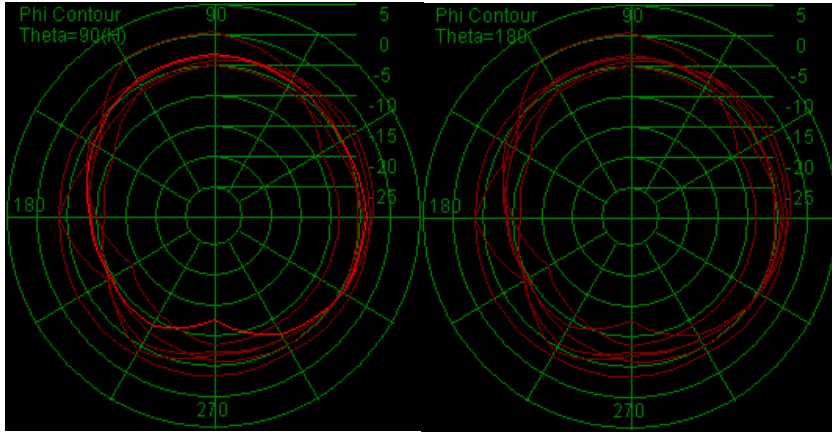
Frequency MHz	Efficiency %	Efficiency (dB )	Gain(dBi)
2400	39.1	-4.08	0.38
2410	39.4	-4.05	0.44
2420	41.2	-3.85	0.81
2430	43.8	-3.58	1.36
2440	45.1	-3.46	1.95
2450	45.5	-3.42	2.16
2460	44.9	-3.48	2.47
2470	42.8	-3.68	2.15
2480	44.1	-3.55	2.25
Average	39.4	-3.46	2.16

Antenna passive 2D pattern

Theta=0deg Theta=60deg

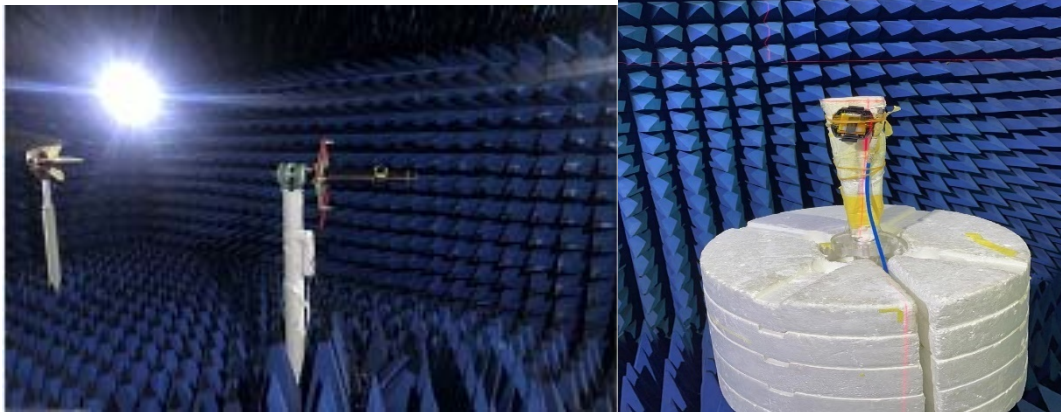


Theta=90deg Theta=180deg



二 : BT Antenna 3D darkroom data

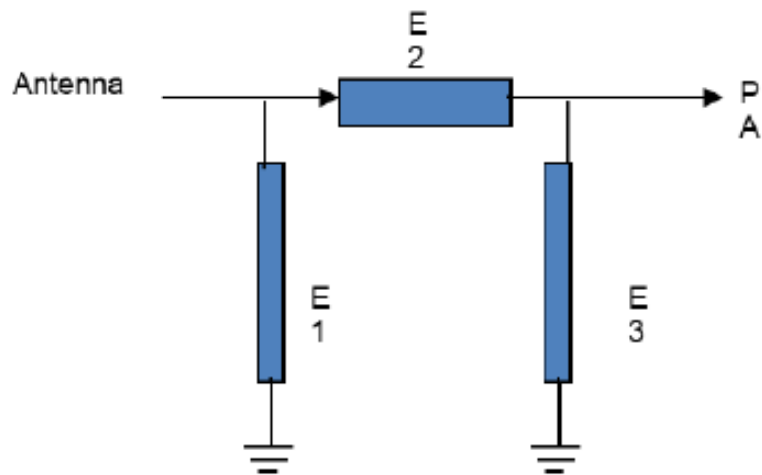
Channel No.	Free space test data	
	TRP (dBm)	TIS (dBm)
0	5.96	-87.14
39	5.10	-87.21
78	4.73	-87.05



OTA Standard Chamber

三 : Match the electricity

Element	Value
E1(0201)	N/A
E2(0201)	0Ω
E3(0201)	N/A



四 : Structure diagram

