

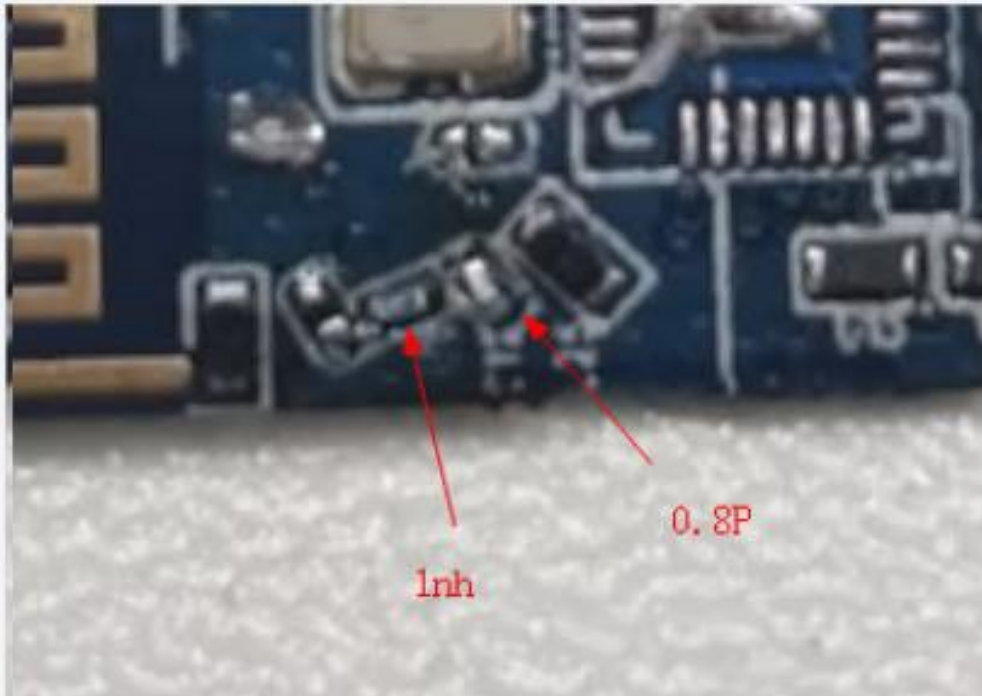
# ANTENNA SPECIFICATION

PRODUCT	BT301
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## Summary

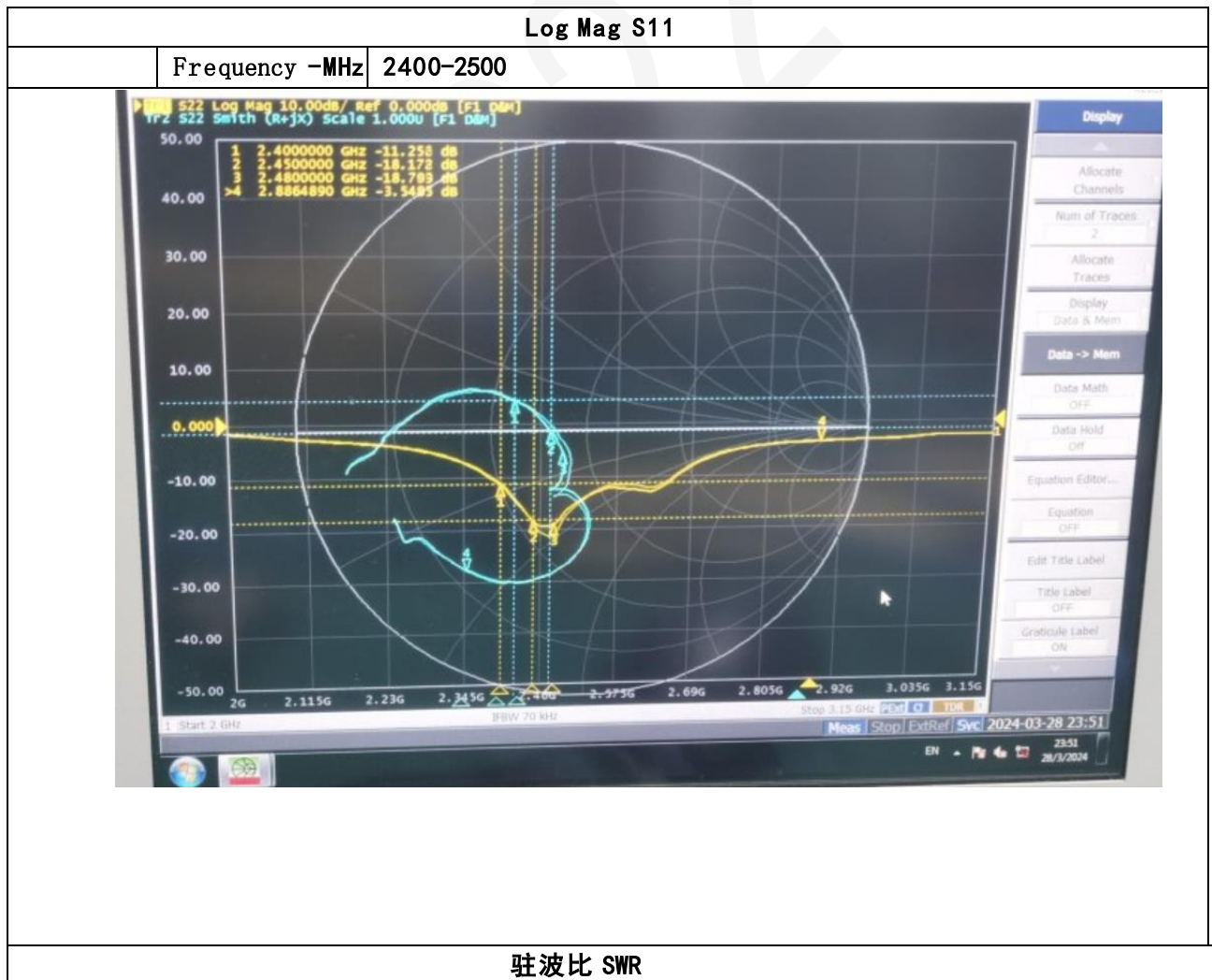
ITEM	SPEC.
Model Name	BT 2.4 GHz
MAX. GAIN	0.28dBi
Polarization	Horizontal
Impedance	50 $\Omega$
Antenna Type	PCBantenna
Manufacturer	

## Antenna Photo & Length (mm)

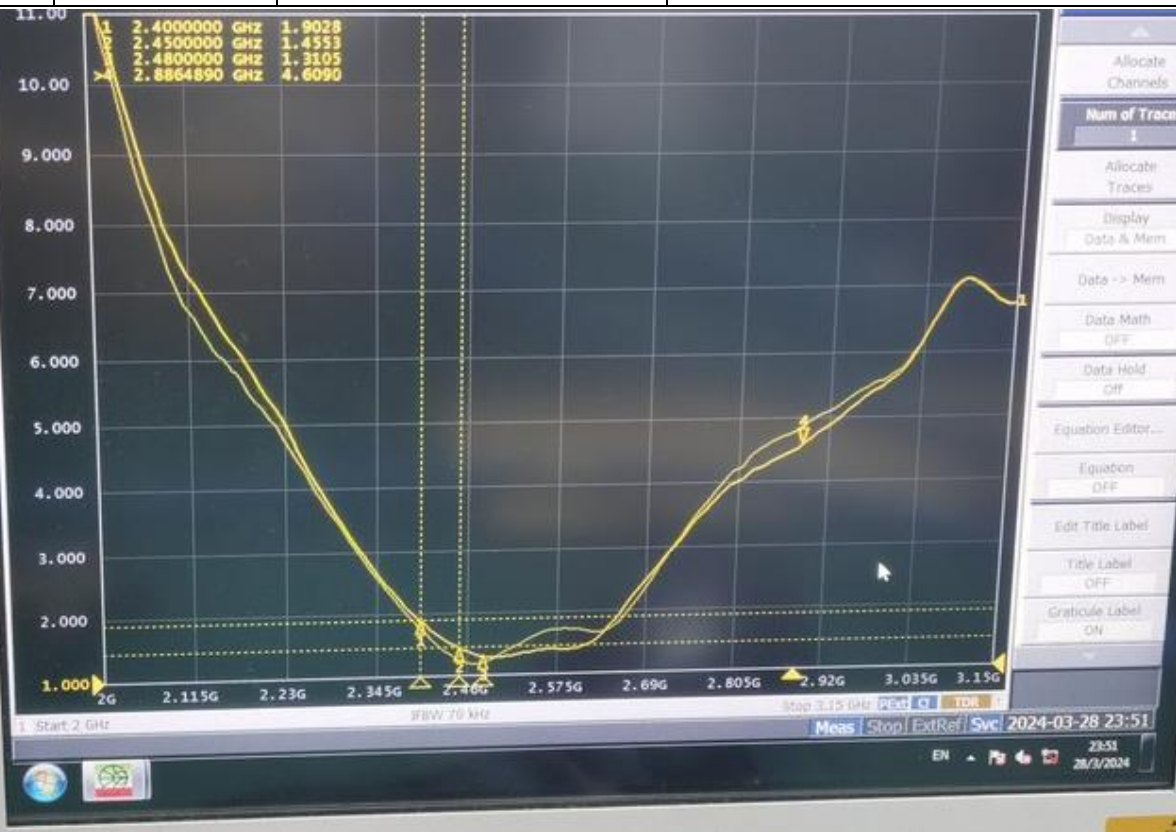


## Electrical performance test results

No.	Inspection items	unit	Performance indicator requirements	Inspection results	
1	Frequency range	MHz	2400-2480	2400-2480	
2	Gain	dBi	/	2400	0.26
				2440	0.28
				2480	0.09
4	Return Loss	dB	$\leq -10$	2400	-11.258
				2440	-18.178
				2480	-18.799
4	standing-wave ratio	dB	/	2400	1.90
				2440	1.45
				2480	1.31



Frequency -MHz 2400-2500



**Passive efficiency of antenna**

Frequency	E Total. dB(dBi)	Efficiency(%)
2400MHz	0.26	35.27
2410MHz	-0.09	33.38
2420MHz	0	34.44
2430MHz	0.12	34.14
2440MHz	0.28	35.38
2450MHz	0.02	33.01
2460MHz	-0.15	31.38
2470MHz	-0.21	29.95
2480MHz	0.09	31.56

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