

Project No. RD2206006		
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	Check by:	
	Pages	3

T90S0 Antenna Specification

Version: V240801

Security level: Public Internal

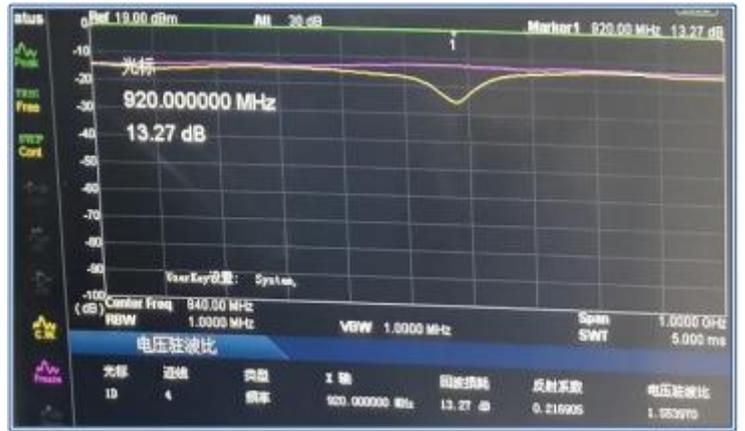
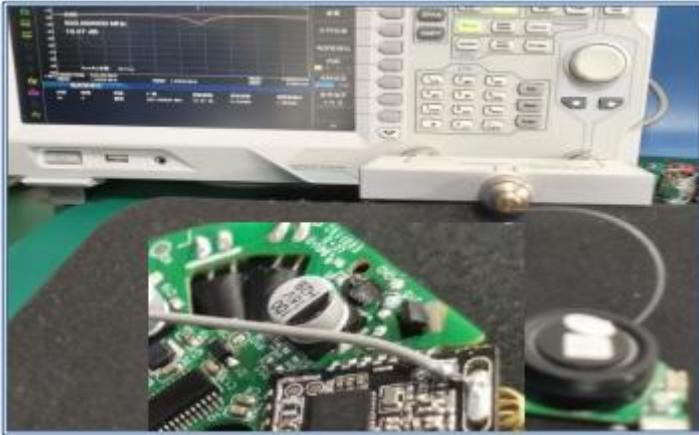
Manufacturer: Shenzhen Heiman Technoloy Co., Ltd

Address: No. 84, Fuqian Road, Yuexingwei Community, Guanlan, Longhua District, Shenzhen, China

RF Passive

1.1 Antenna standing wave/echo

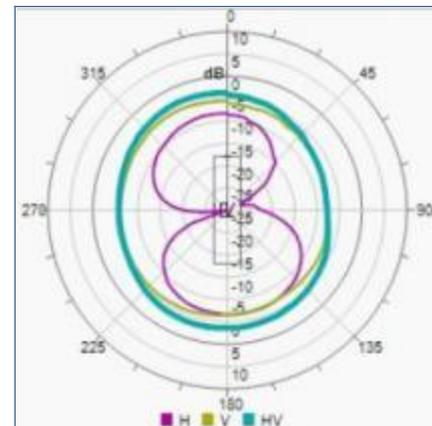
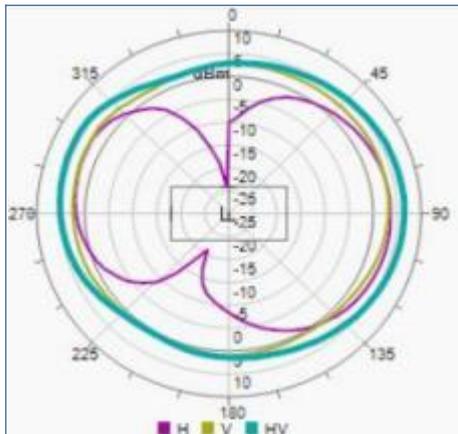
Frequency	915MHz~945MHz	Antenna form	Spring @ line polarization
standing-wave ratio	1.55 (reference value<2.5)	Return wave loss	13.27dB(Pre-match reference>6dB)



remark	
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2.1 Antenna standing wave/echo

Frequency	915MHz~945MHz	efficiency	920M@29%;920.2M@30%;920.4M@31%;920.6M@31%;920.8M@32%
Antenna Form	Spring @ line polarization	Gain	920@-0.5;920.2@-0.5;920.4@-0.4;920.6@-0.4;920.8@-0.4



Remark	
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3.1 Antenna Specification

Frequency	915MHz~945MHz	Antenna Form	Spring
Unit	mm	Material	Brass
<p>The technical drawing shows three views of a spring antenna. The left view is a side profile with dimensions: total length 25.60 ± 0.25, a central section length 91.00 ± 0.15, and a distance from the left end to the start of the central section 85.00 ± 0.1. The middle view is a top-down view of the central section with a diameter dimension of 8.07. The right view is another side profile showing the spring's pitch with dimensions 5.00 ± 0.15, 1.10, and 1.15. A small reference code '2025-01-10' is visible in the bottom right of the drawing area.</p>			
Remark			