



Specification For Approval

Customer: Dalian Cloud Force Technologies Co., Ltd.

Specification description: 915MHz

Built-in spring antenna lengthL=22.7mm

Outside diameter: Part name 5.5mm

material: Phosphor copper Wire diameter: 0.8mm

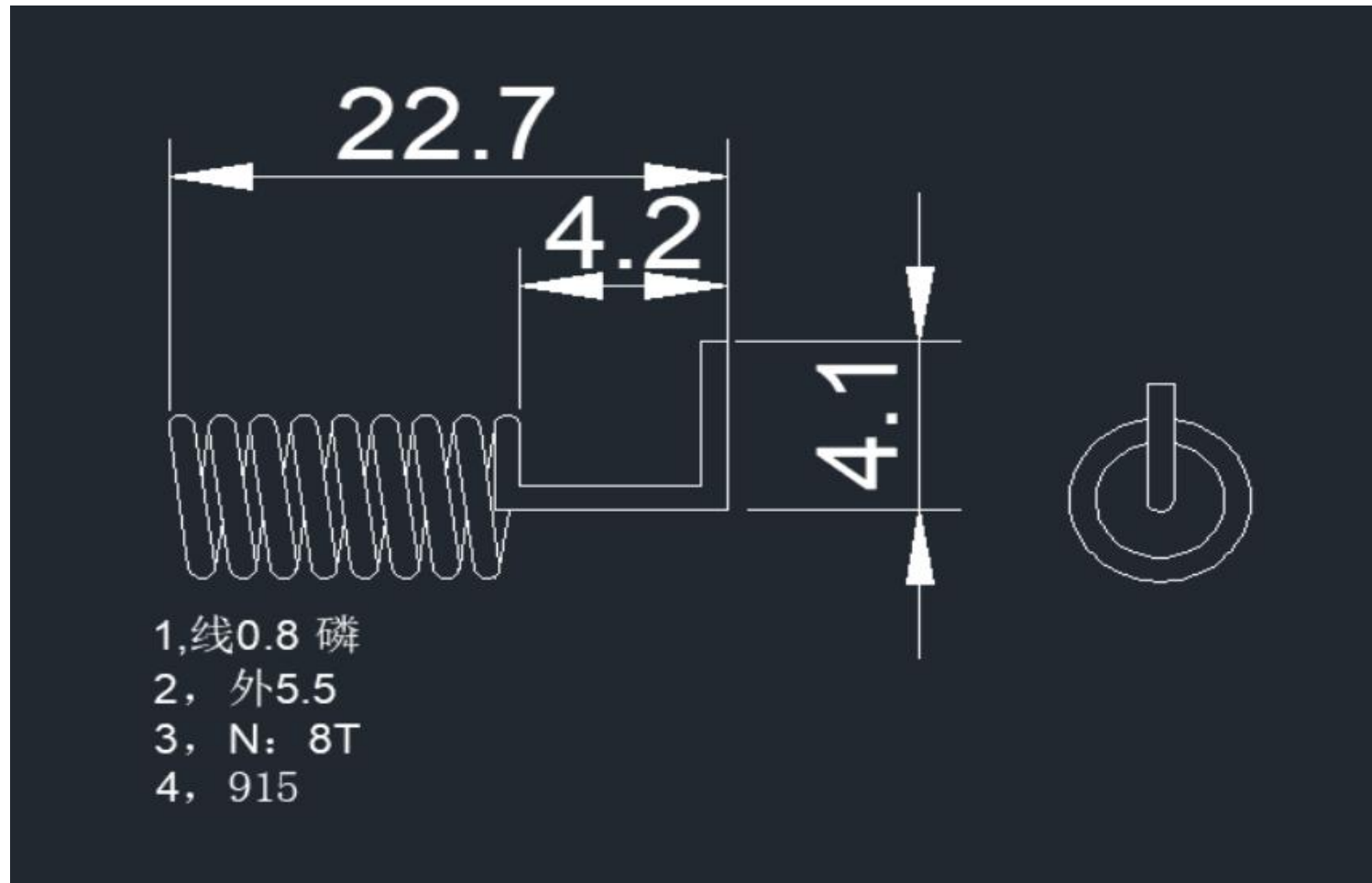
Thank you for giving us the chance to approve samples. If you agree to pass it, please kindly send it back to us.

ShenZhen BJL Wireless Technology Co., Ltd

No.70, Baotong South Road, Yungu Street, Xikeng Industrial Zone, Yuanshan Street, Shenzhen, China

<http://www.bjlwireless.com>

1. Product size drawing





2. Product appearance

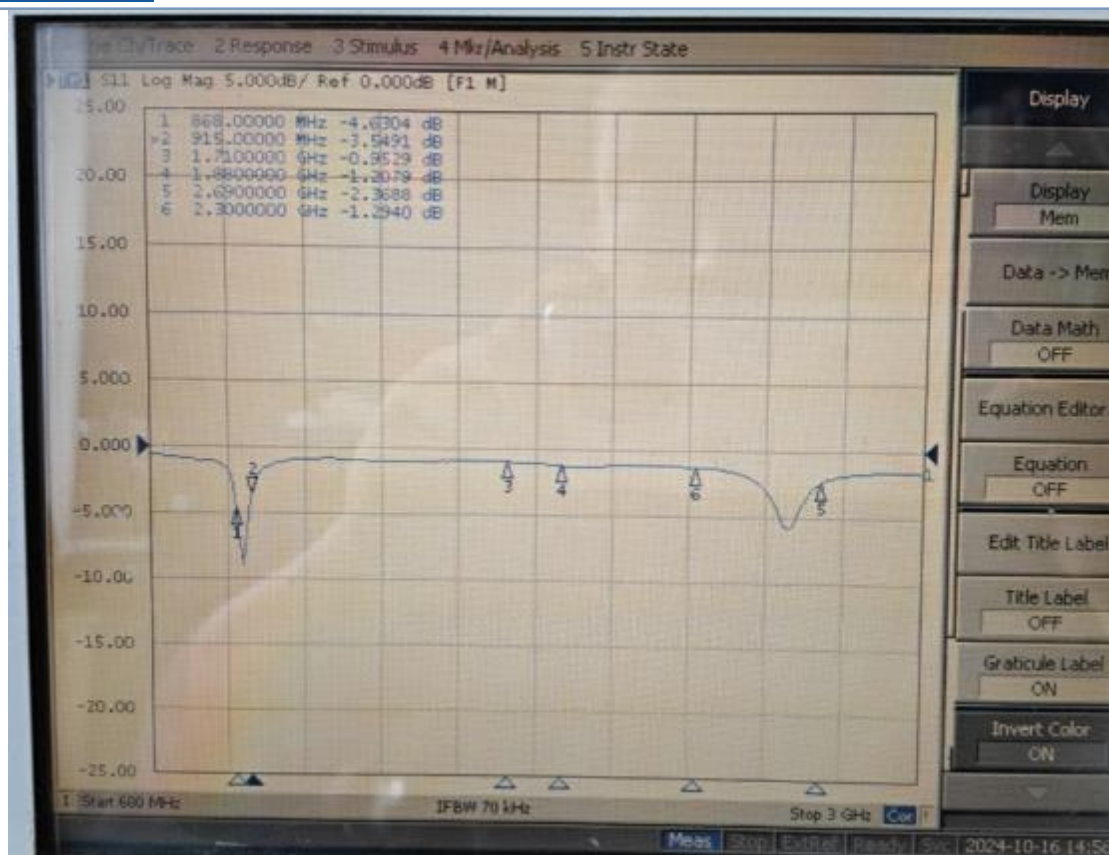
External dimension	/	Fixed mode	weld
Case color	Phosphor copper	/	/

3. Antenna performance parameter

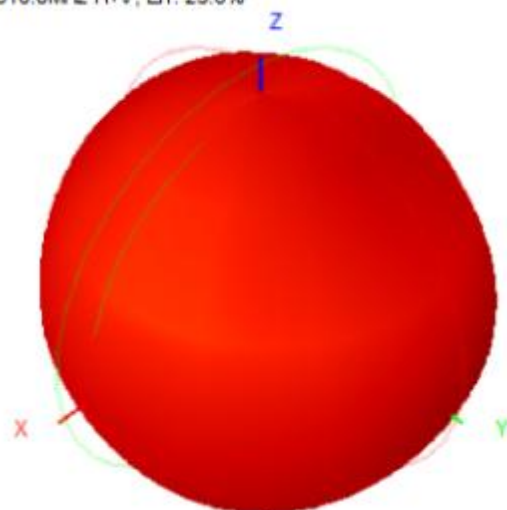
item	peculiarity	unit
Frequency range	915	MHz
Output impedance	50	Ω
Standing-wave ratio	≤ 1.5 （与客样同测）	——
gain	-2.45	dBi
Polarization mode	Linear polarization	
Radiation direction	omnidirectional	
Maximum input power	10	W
Operating temperature	-40~+75	$^{\circ}\text{C}$
Storage temperature	-40~+75	$^{\circ}\text{C}$

4. Antenna performance test (same test with aircraft)

Frequency ID	Frequency (MHz)	Gain (dBi)	Efficiency (%)
1	800.0	-11.97	3.24
2	810.0	-11.71	3.67
3	820.0	-10.75	4.80
4	830.0	-9.92	5.88
5	840.0	-7.92	9.14
6	850.0	-6.56	12.27
7	860.0	-5.08	16.45
8	870.0	-3.24	24.38
9	880.0	-2.69	28.57
10	890.0	-2.08	34.67
11	900.0	-2.45	31.92
12	910.0	-3.13	25.64
13	920.0	-3.99	19.62
14	930.0	-5.99	12.10
15	940.0	-7.52	7.86
16	950.0	-9.84	4.71
17	960.0	-12.12	3.31



910.0MHz H+V, Eff: 25.6%



Back View

