

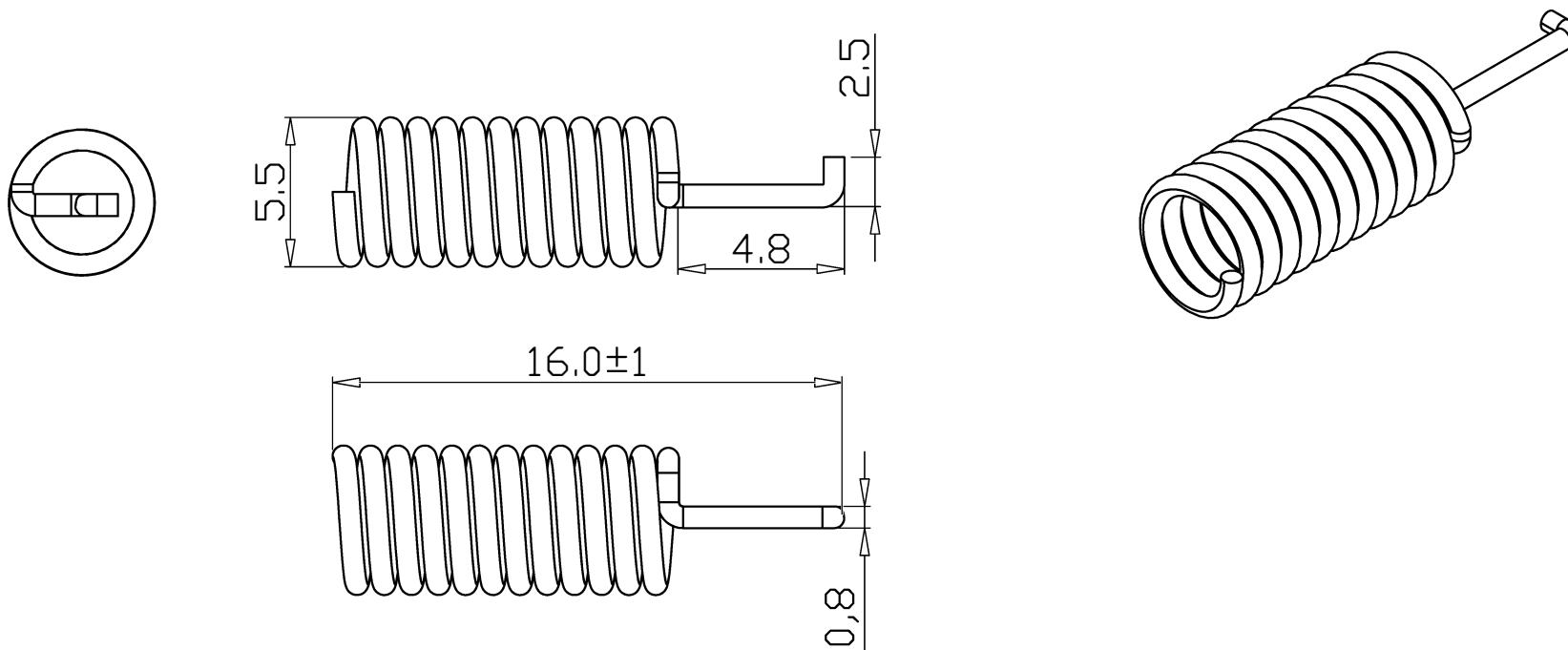
承認書

客 戶：
品 名： 915MHz Antenna
料 號： HX-B78C
客戶料號：
送樣日期： 2020. 11. 12

客戶確認			供應廠商	
工程部	品保部	採購部	核准	送樣人
			趙 2020.11.12 守 剛	龚银明

RoHS
Compatible

序号	日期	原因	确认人
B			
C			
D			



弹簧技术要求

公差:

弹簧材料	磷铜	直径	0.8mm
旋转方向	/	旋转有效圈数	9T
出脚方式	单边	孔距	/
弹簧上部尺寸			
弹簧下部尺寸			
弹簧高度			

东莞市亨松电子科技有限公司

PART NAME: 弹簧天线

PART NO.: HX-B78C .W01

DATE: 2017-11-08

APPROVED BY

CHECKED BY

DESIGNED BY

张雅军

Tolerance

赵
2017.11.08
守刚

李
2017.11.08
红

张雅军

UNITS: mm
SCALE: 1/1
REVISION: A

X.X ±0.50
X.XX ±0.15
X° ±3°

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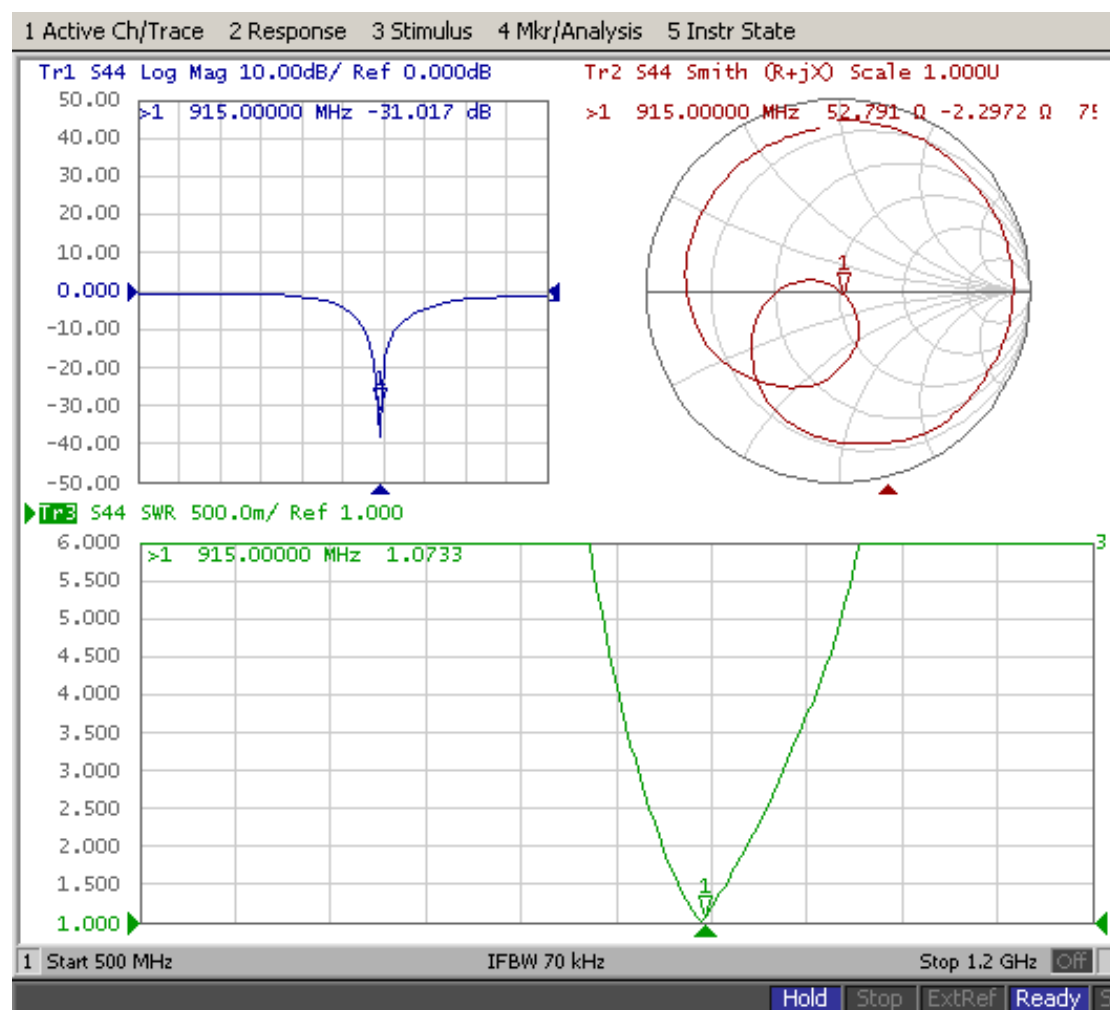
1. Reliability Testing

Test Item	Procedure	Requirement
1. Visual inspection and Dimension Check	Applicable methods using x5 magnification	follow specification
2. Rapid Changing of Temperature	-40°C (30minutes) to 90°C (30minutes); 24 cycles	After 2 hours recovery: 1. no visible damage 2. Freq. Tol.: < ±5%
3. Damp Heat	24 hours at 60°C; 90 ~ 95% RH	After 2 hours recovery: 1. no visible damage 2. Freq. Tol. : < ±5%
4. Endurance	24 hours at 90°C	After 2 hours recovery: 1. no visible damage 2. Freq Tol.: < ±5%

Specification

A. Electrical Characteristics	
Working Frequency	915Mhz
V.S.W.R.	≤ 1.5 : 1 @ 915Mhz
Typical Antenna Gain	2.0 dBi
B. Material	
Material of Radiator	Cu
Impedance	50 Ohm
input interface	N/A
C. Environmental	
Operation Temperature	- 30 °C ~ + 85 °C
Storage Temperature	- 30 °C ~ + 85 °C

2. S Parameter Test Data



3. Antenna Radiation Pattern

Testing Equipment Specification:

Antenna Anechoic Chamber Dimension: 8 x 4 x 4 m

Quiet Zone: 600mm @1 GHz

Isolation: >100dB @ 1 MHz ~ 10 GHz

Testing Equipment: Agilent 5071B

Received Antenna: 0.7 ~ 6.0 GHz for Gain Calibration

Double Ridged Horn Antenna

