

Project No.: Y230209251

Project No.: 2023.06.21

REV: A1

Antenna SPEC

Customer name: SITERWELL ELECTRONICS CO., LIMITECustomer project: GS888CB&T P/N: 79070003Spec.: built-in antenna-915.3MHz-spring- $\varnothing 0.4 \times OD4.6 \times N9 \times L18.82mm$

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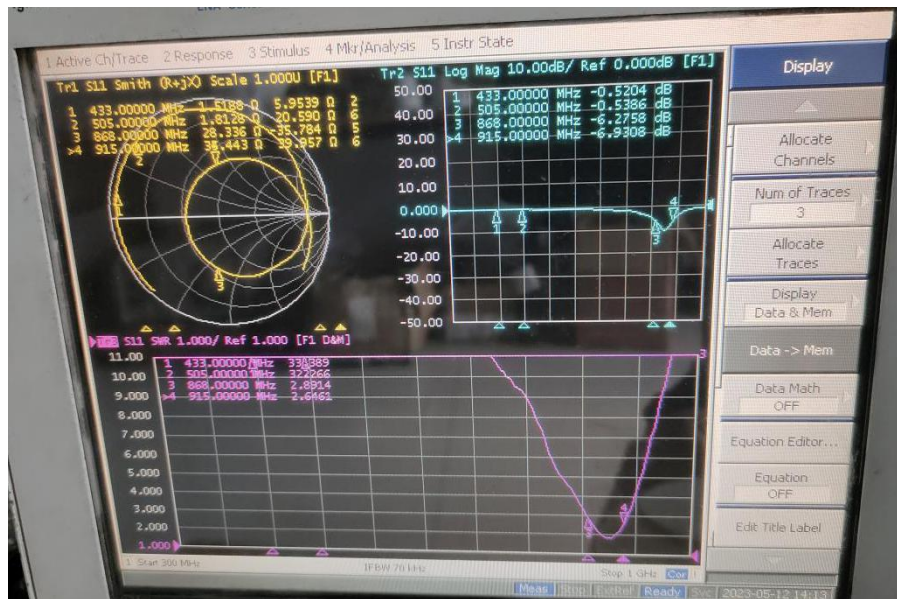
3、 Product drawing

Freq Range	915.3MHz
Characteristic Impedance	50 Ω
VSWR	sample of reference project
The Max input power	<10w
Polarization mode	Polar linearization
Radiation mode	Omni directional
Antenna style	Spring
Mechanics Properties	
Length	18.82 $\pm$ 0.5mm
Salt spray test	/
Environment parameter	
Operating Temp	-30 $^{\circ}$ C~65 $^{\circ}$ C

4、Properties ¶meter

5、Electrical test report

S11



Electrical Performance Test Parameter Table

Freq/MHz	915.3MHz
VSWR	2.64

Gain & efficiency

Frequency (MHz)	Gain (dBi)	Efficiency (%)
901.0	-4.75	9.79
902.0	-4.80	9.58
903.0	-4.84	9.42
904.0	-4.86	9.29
905.0	-4.86	9.21
906.0	-4.92	9.01
907.0	-4.97	8.84
908.0	-5.01	8.67
909.0	-5.06	8.50
910.0	-5.12	8.31
911.0	-5.19	8.14
912.0	-5.25	7.96
913.0	-5.33	7.76
914.0	-5.42	7.55
915.3	-5.52	7.33

➤ Direction diagram

915.3M 3D-E1-E2-H