

Project number RD2506010		
	Category:	Radio Frequency
	Main content:	SUA-23 antenna specifications
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SUA-23 Antenna Performance Specification

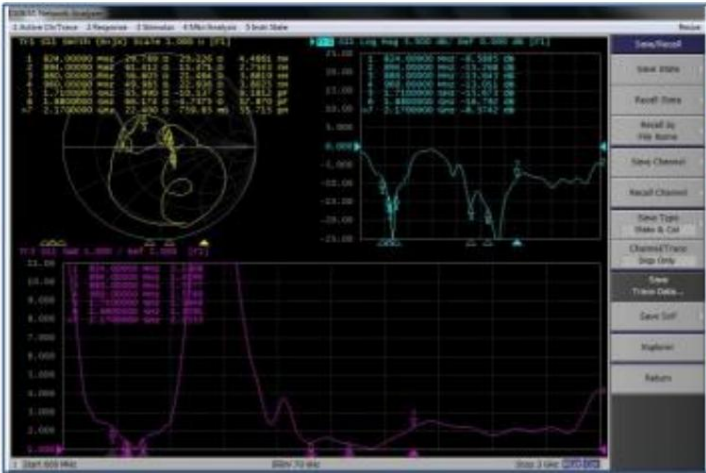
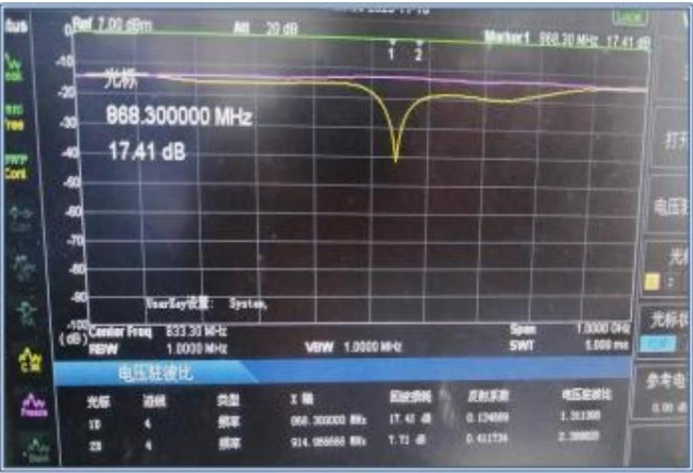
Manufacturer:HEIMAN CO., LIMITED
Address:ROOM C01 8/F PAHSANG INDUSTRIAL BUILDING 16 SAN ON STREET TUEN
MUN NT, Hong Kong 518110 China

Version number: V250610

Security Level: Internal ☒

RF passive

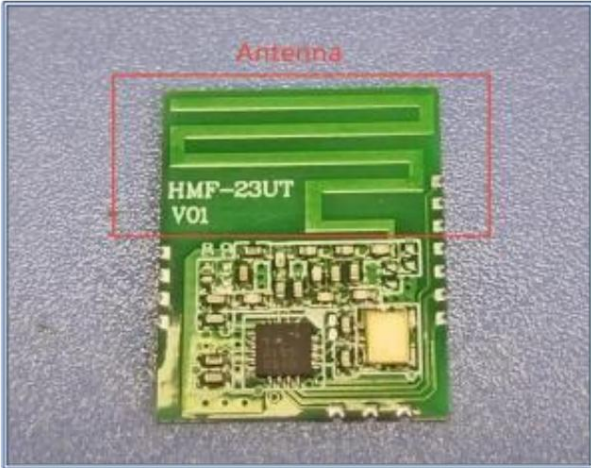
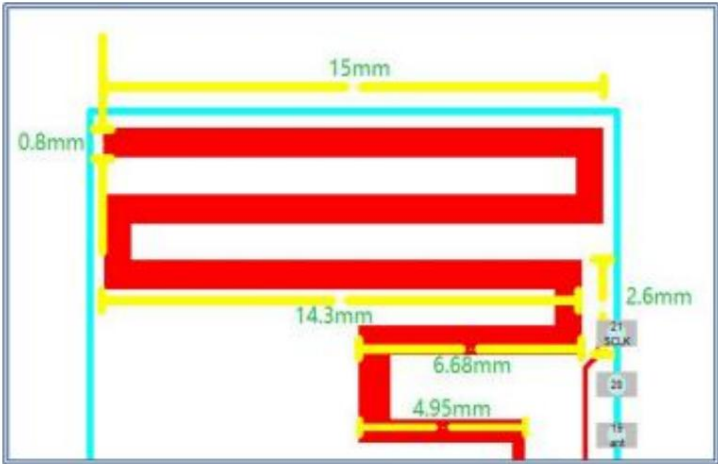
1.1 Antenna Standing Wave/Echo

Resonant frequency 831MHz~945MHz	Antenna type PCB board onboard @ horizontal and vertical polarization	
VSWR 1.31 (reference value <2.5)	Return loss	17.41dB (Pre-match reference >6dB)
 		
illustrate		

2.1 Antenna Gain

Resonant	831MHz~945MHz	Efficiency 868MHz@35% 915MHz@33%
frequency antenna form	PCB onboard @ horizontal and vertical polarization	Gain 868MHz@0dBi, 915MHz@-0.2dBi

3.1 Antenna Specifications

resonant frequency	831MHz~945MHz	Antenna type and	PCB
unit	mm	material	PCB copper foil
			
illustrate			