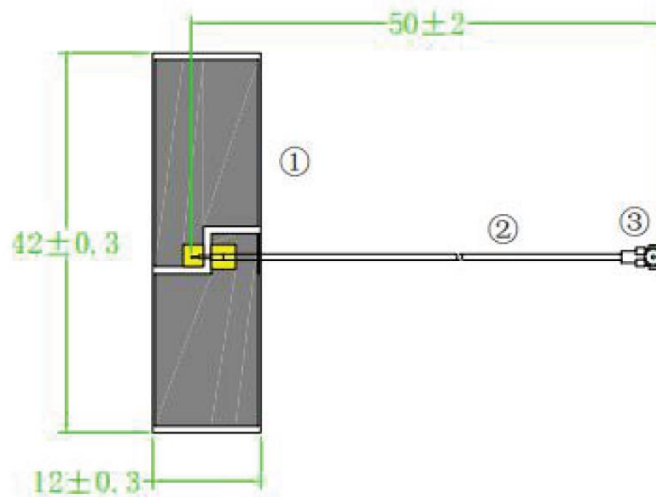


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Design Specifications	Typical
Antenna type	PIFA antenna
Model:	HX-FPC24-4212-50B1
working frequency	2400-2500MHz
Max. ANT Gain	4.0dBi
Antenna efficiency	35-80%
VSWR	<1.8
Polarization	Vertical Polarization
Radiation pattern	Omnidirectional
impedance	50ohm
Inductance	3.03MH
Wire diameter	0.125mm
Overall dimensions	42*12mm



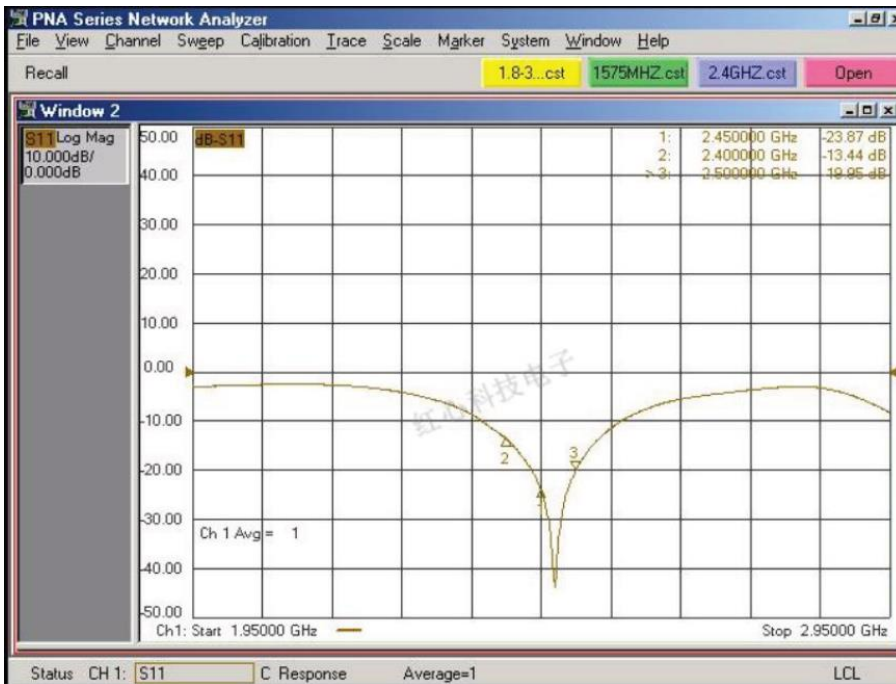
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VSWR:



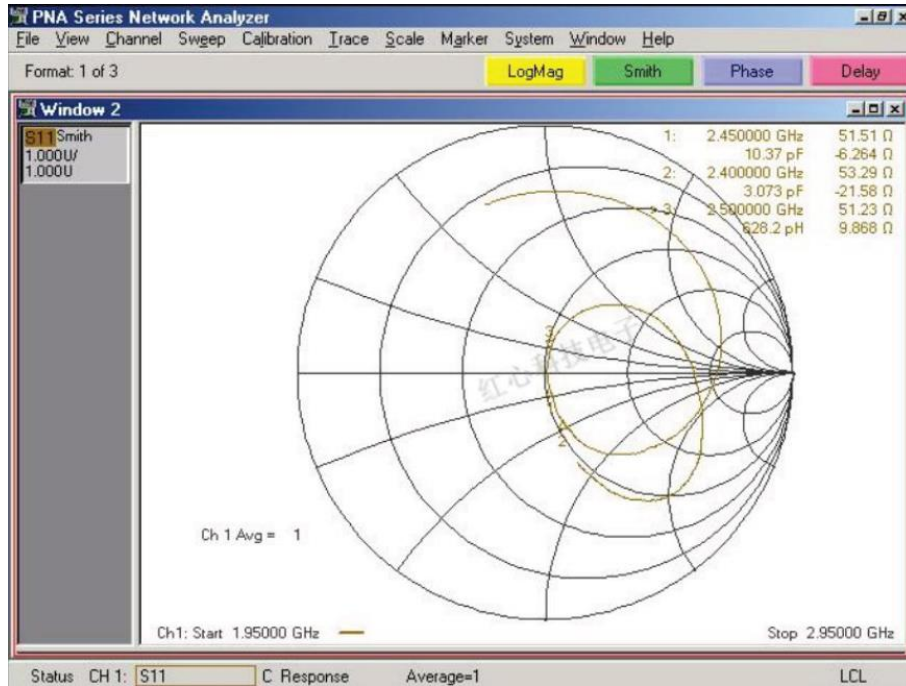
Return loss:



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Smith chart



Antenna gain and efficiency

Frequency(MHz)	Efficiency(%)	Gain(dBi)
2400	5.51	3.81
2410	5.67	4.0
2420	5.55	3.92
2430	5.41	3.75
2440	5.21	3.41
2450	5.13	3.22
2460	5.05	3.01
2470	4.77	2.74
2480	4.98	3.41
2490	5.52	3.79
2500	5.43	3.67

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Antenna Radiation Pattern

