

A3216H2G50M200-03 chip antenna



Technical indicators:

Center frequency	2.50GHz
Frequency bandwidth	100MHz(typ.)
Maximum Gain	2.71dBi(typ.) (XZ-V)
Average Gain	0.5dBi(typ.) (XZ-V)
vswr	<2
Impedance	50Ω
Power Capacity	3 W(max)
Operation temperature	-40 ~ +85 °C
Storage temperature	-40 ~ +85 °C

Part number information:

A 3216 H 2G50 M200 - 03

A	antenna	2G50	The center frequency
3216	Size3.2x1.6	M200	Frequency bandwidth
H	Inductive	03	PRODUCT MODEL

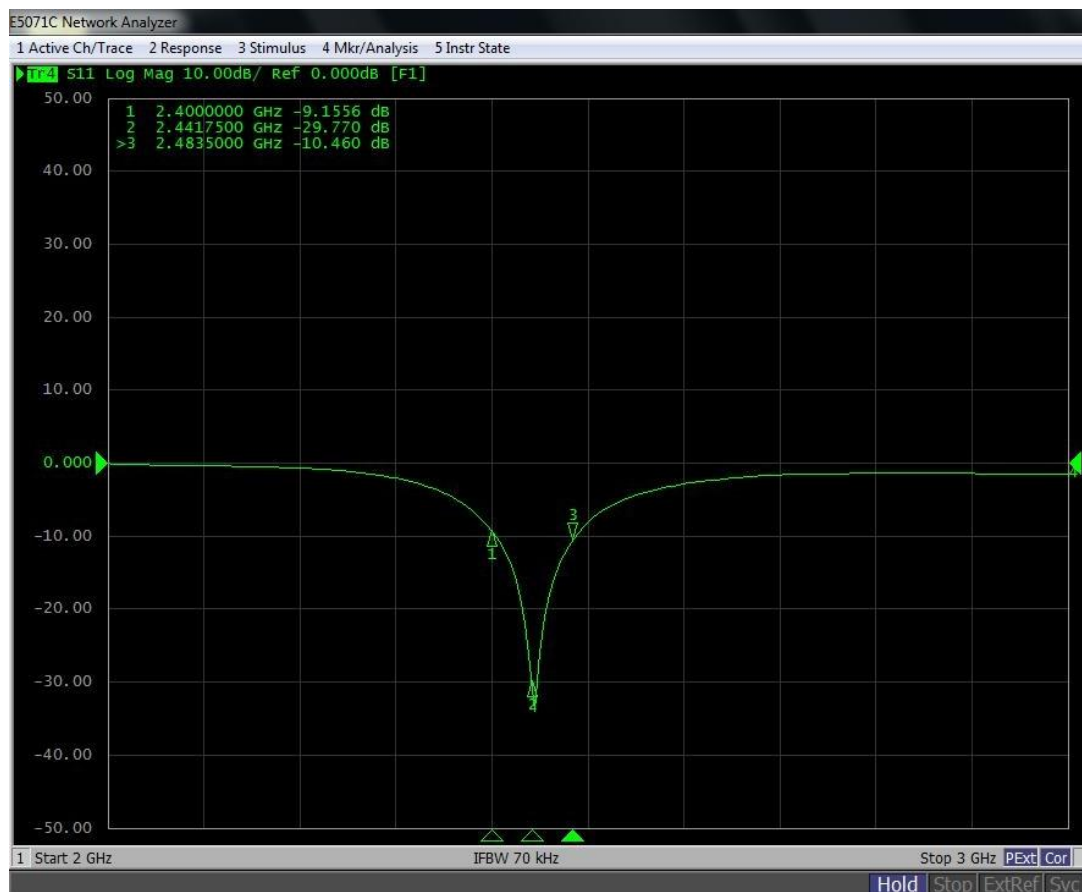
1.Size description:



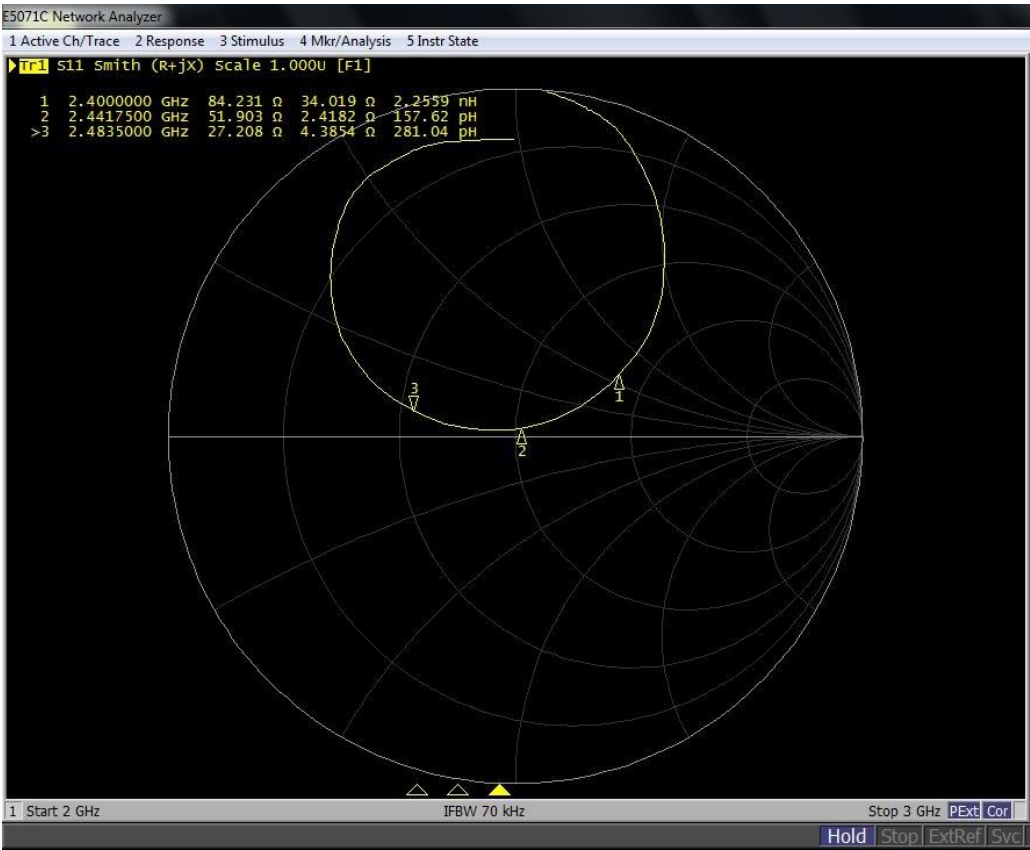
Size (mm)	L	W	H	A1
External dimensions	3.2±0.05	1.6 ± 0.05	0.4 ± 0.05	0.35 ± 0.05

2.The performance parameters after antenna matching and debugging are shown in the following figure:

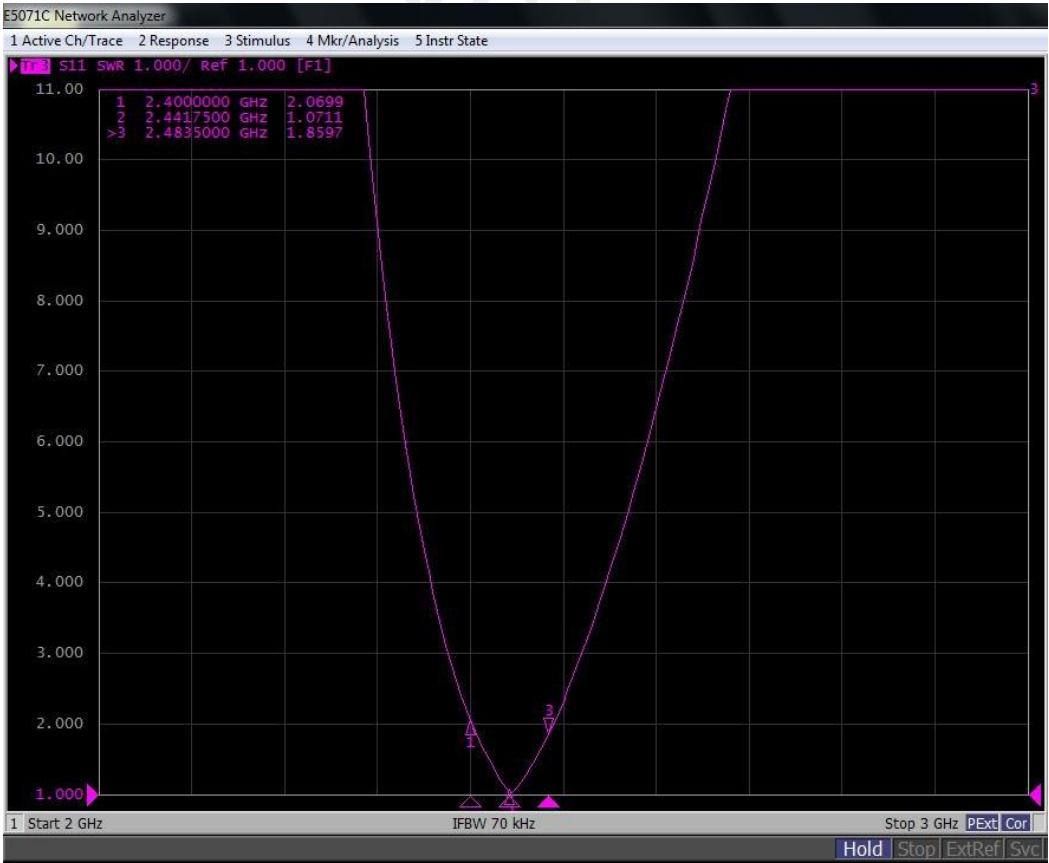
S11 Log Mag :

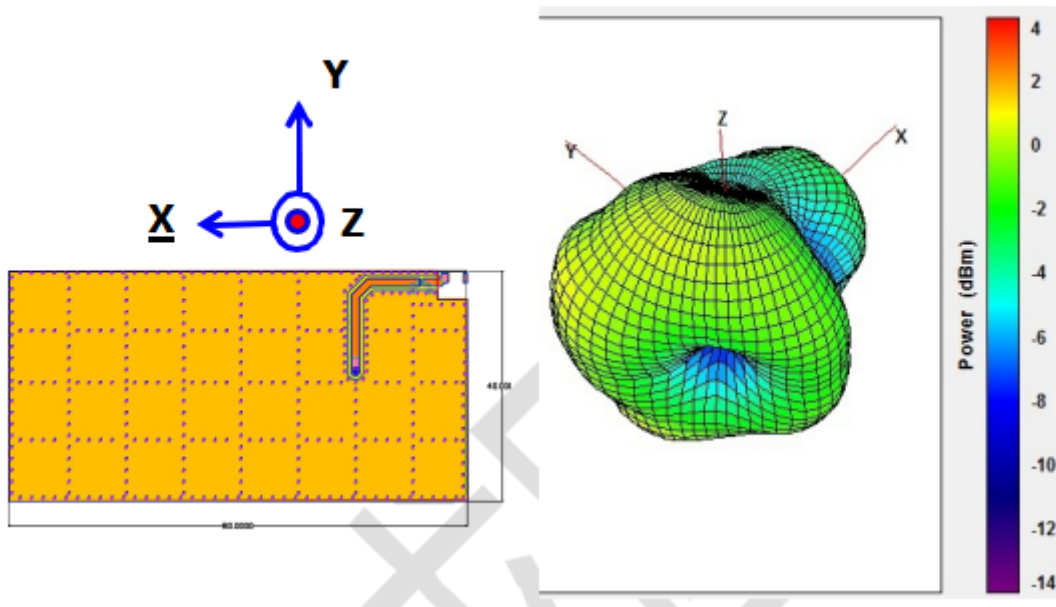


S11 Smith R+jx :



S11SWR :





	Efficiency	Peak Gain	Directivity
2400MHz	55.21 %	1.45 dBi	5.32 dBi
2450MHz	66.45 %	2.71 dBi	5.21 dBi
2500MHz	57.53 %	1.98 dBi	5.29 dBi