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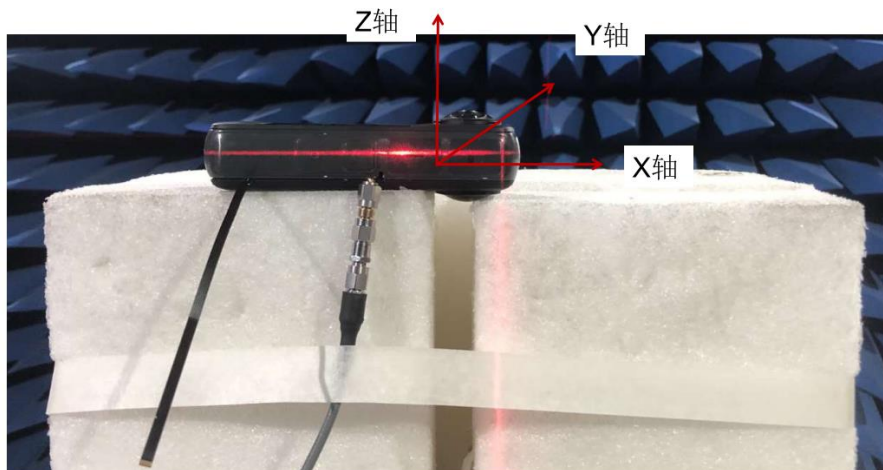
## Project requirement



- S11, Efficiency, Gain, Radiation pattern, 3D

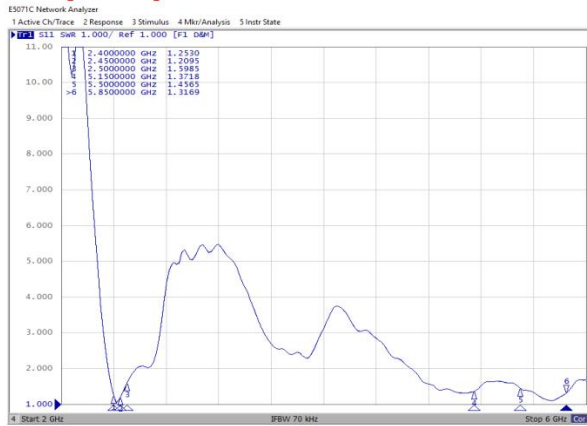
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## Antenna direction diagram description



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## Passive date (S11)



Frequency (MHz)	2400	2450	2500	5150	5500	5850
VSWR	1.2	1.2	1.6	1.3	1.4	1.3

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## Passive date-effi/gain



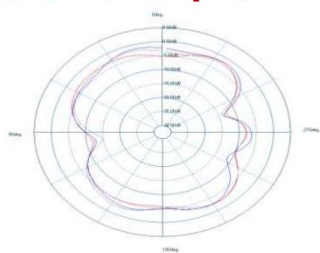
Frequency	Efficiency	Gain . dB	Frequency	Efficiency	Gain . dB
2400	41%	2.5	5150	60%	3.9
2410	40%	2.6	5200	59%	3.9
2420	41%	2.6	5250	55%	3.6
2430	41%	2.7	5300	54%	3.3
2440	42%	2.4	5350	56%	3.2
2450	43%	2.4	5400	56%	3.2
2460	42%	2.3	5450	55%	3.6
2470	42%	2.8	5500	54%	4.0
2480	42%	2.4	5550	56%	3.9
2490	41%	2.2	5600	55%	3.9
2500	41%	2.2	5650	56%	3.8
			5700	55%	3.8
			5750	55%	3.5
			5800	56%	3.4
			5850	54%	3.4

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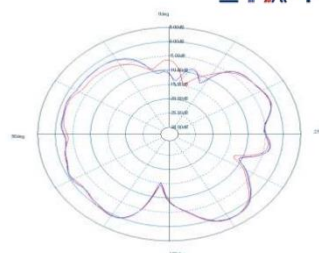
## 2.4G-Radiation pattern

ZTX 中天迅

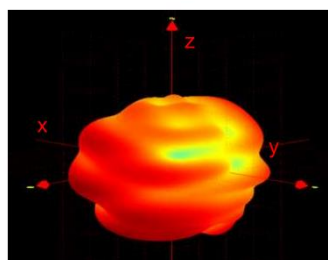
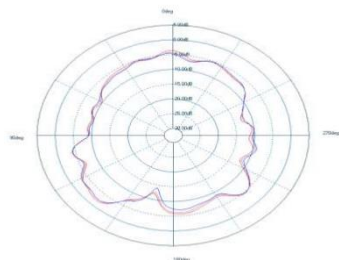
XOY  
Theta=90.00deg]



XOZ  
Phi=0.00deg]



YOZ  
Phi=90.00deg]

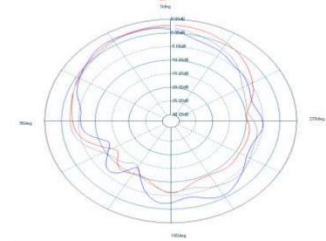


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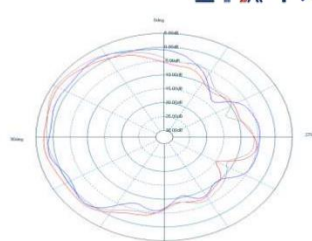
## 5G-Radiation pattern

ZTX 中天迅

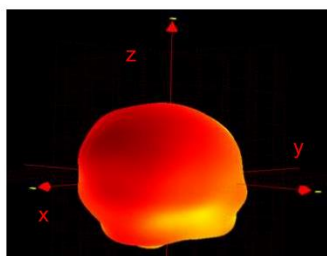
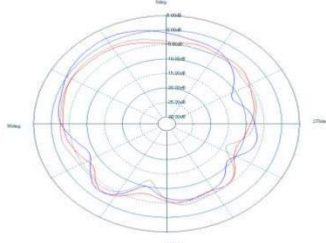
XOY  
Theta=90.00deg]



XOZ  
Phi=0.00deg]

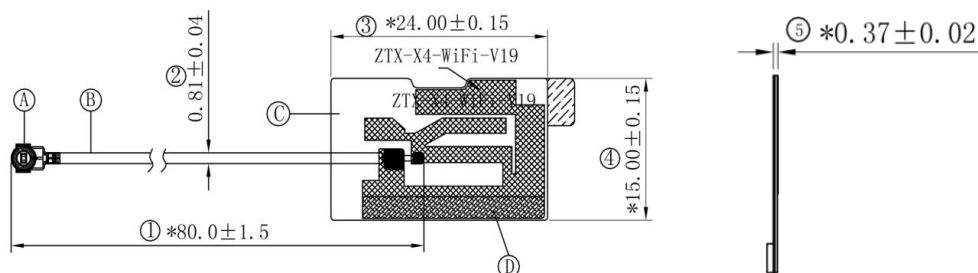


YOZ  
Phi=90.00deg]



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## Structure size and installation method



Attach to the top

