

Subject	Product Specification	Rev	1.3
Marketing Name	nRF52832QFAA BLE module	Page 1 of 8	
Model No.	M52832QFAA		
Antenna Type	PCB Antenna		
Description	nRF52832QFAA BLE and 2.4GHz Proprietary multiprotocol module		

Bluetooth Antenna Test Report

Voltage Standing Wave Ration

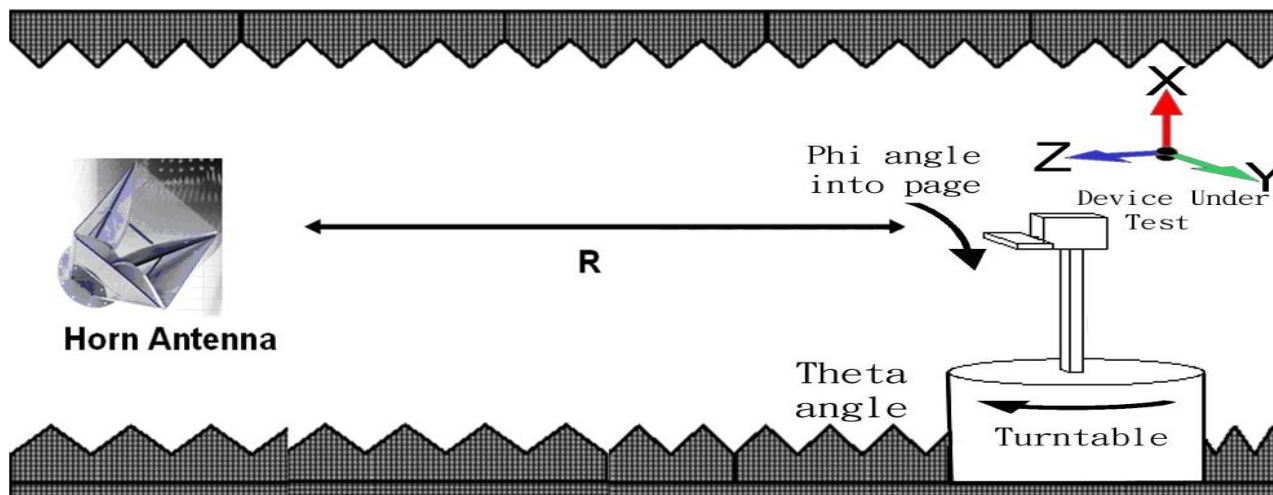
Peak Gain

3D

Frequency (MHz)	2400	2450	2500
Peak EIRP (dBm)	0.89	1.94	2.26
Tot. Rad. Pwr. (dBm)	-4.57	-3.9	-4.03
Efficiency (%)	34.94	40.75	39.55
Antenna Gain (dBi)	-4.6	-3.9	-4

I、Antenna Testing Conditions:

Testing set up:



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II、Test results

1. Return Loss (2.4GHz-2.5GHz)



2. VSWR (2.4GHz-2.5GHz)

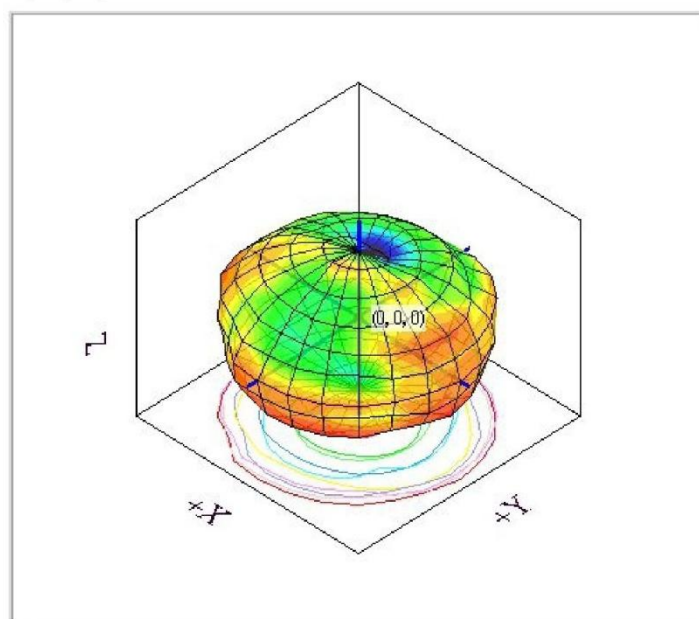


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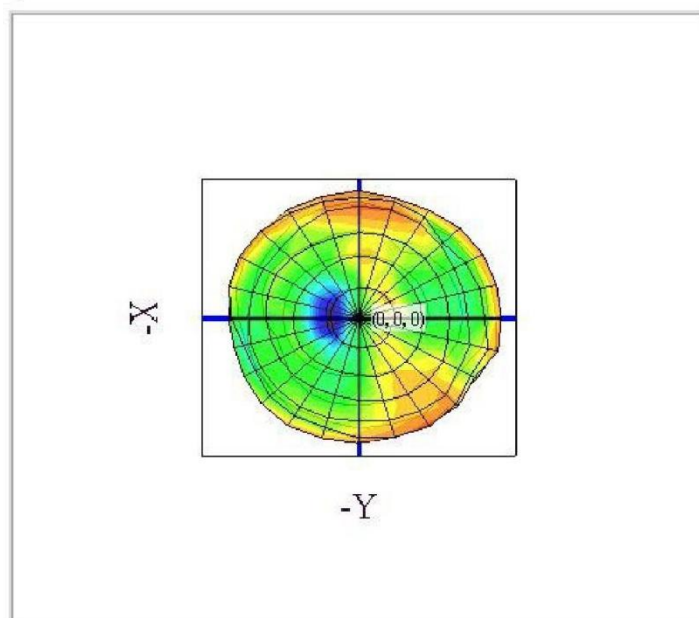
III、Radiation Pattern of 3D

2400MHz_____.

userdefine



xy

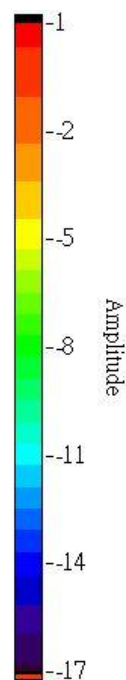
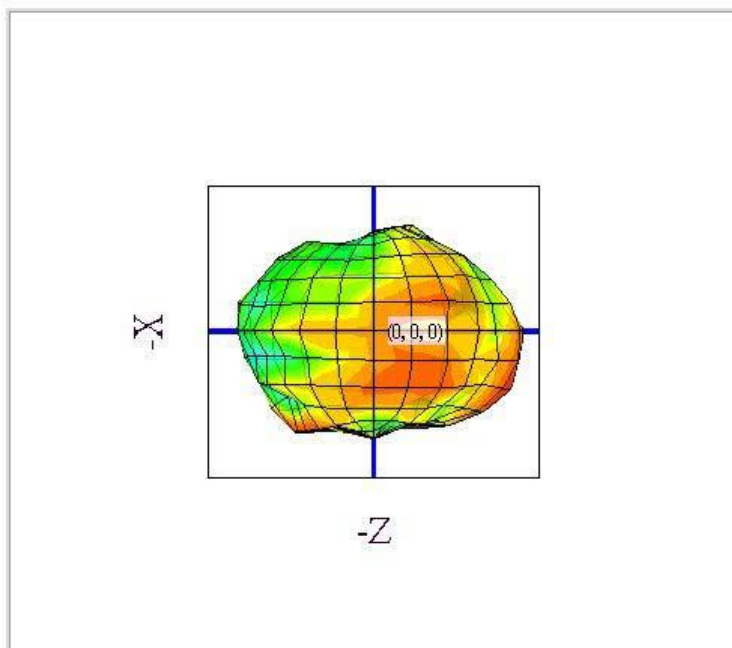


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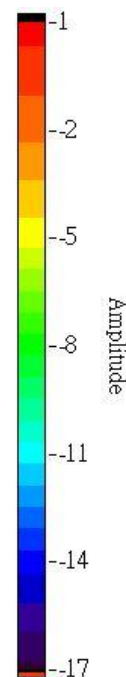
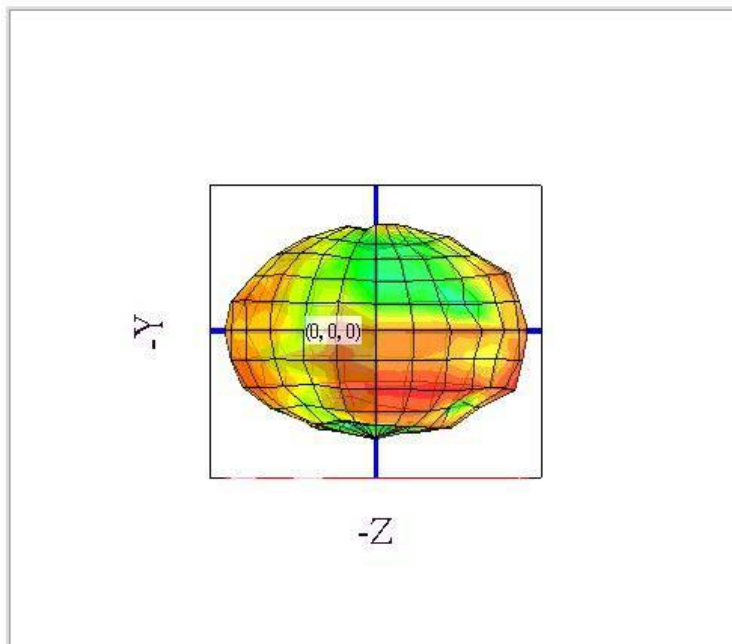
III、Radiation Pattern of 3D

2400MHz_____.

xz



yz

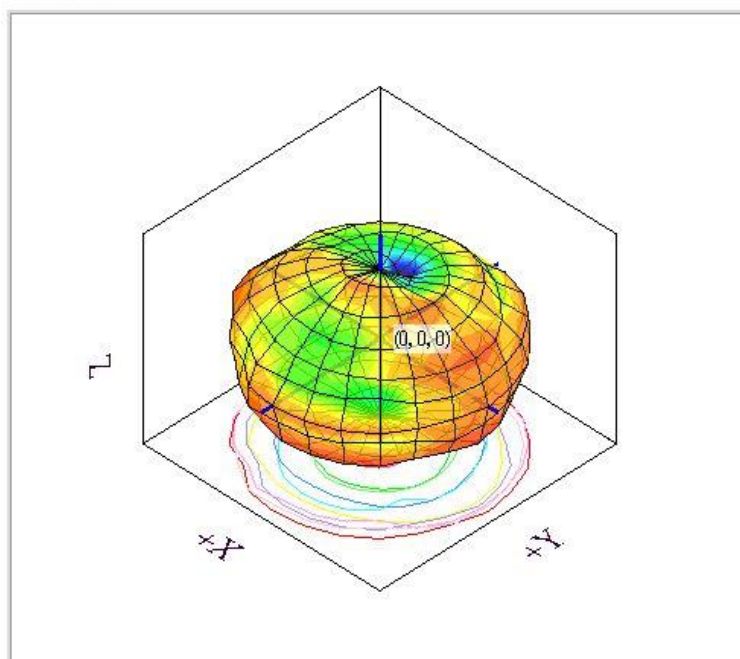


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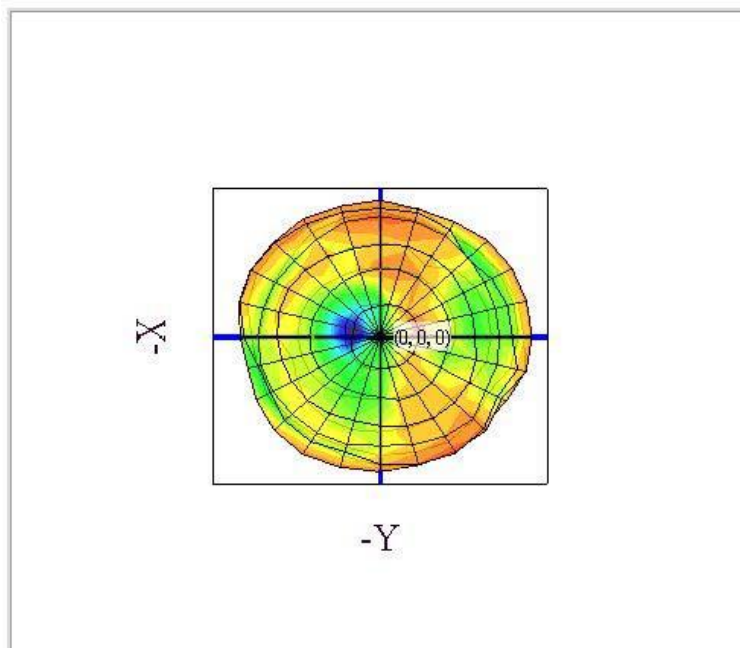
III、Radiation Pattern of 3D

2450MHz_____.

userdefine



xy

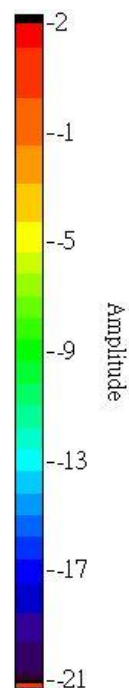
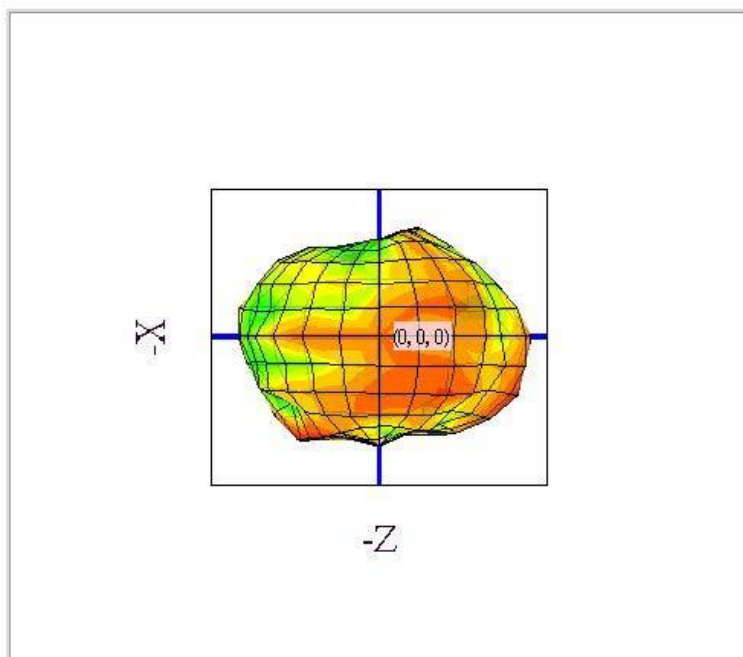


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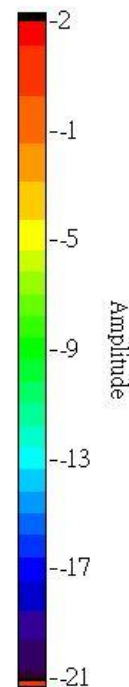
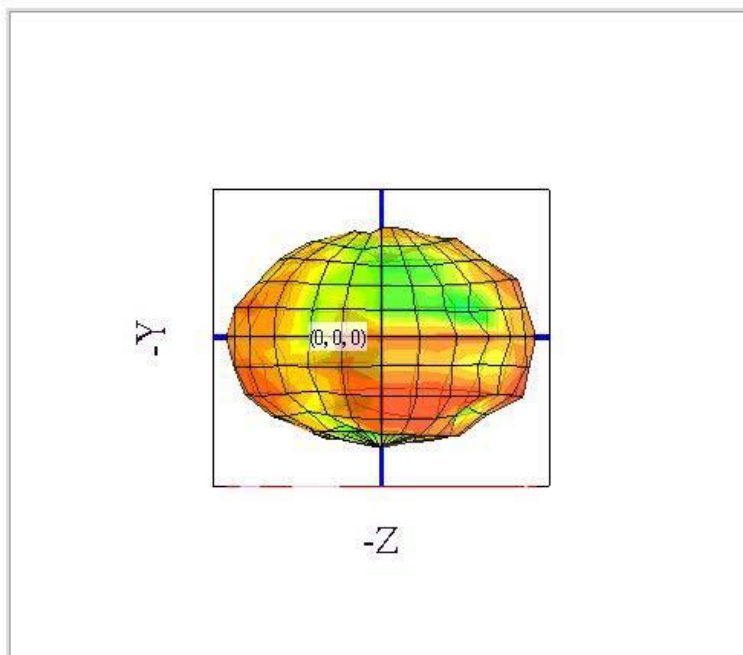
III、Radiation Pattern of 3D

2450MHz_____.

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yz

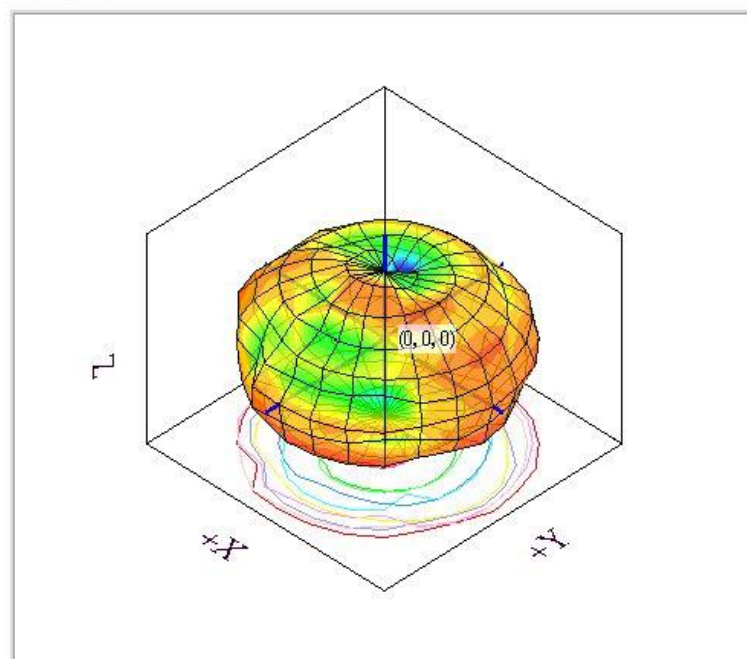


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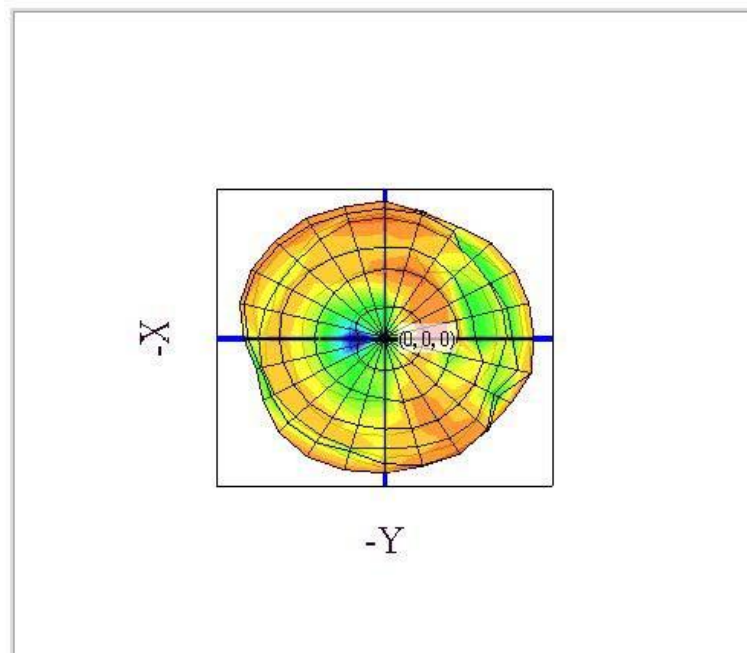
III、Radiation Pattern of 3D

2500MHz_____.

userdefine



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III、Radiation Pattern of 3D

2500MHz_____.

