

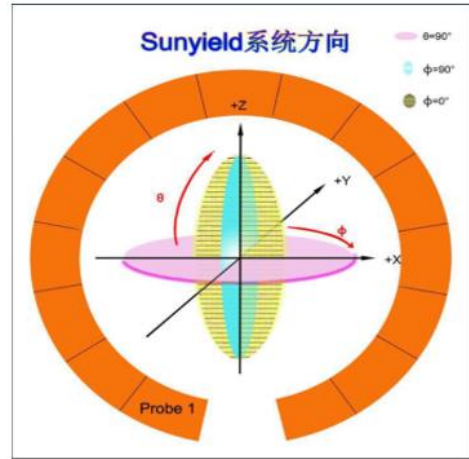
Product Information

Client	M071	Protocol	Wi-Fi+BLE+Zigbee
Project Number	IOT230406002	Sample Quantity	2
Model Number	LDK72B600A / LBT31B000A	RF PCB Version	D-SG-A23-01-A
Chip Type	RTL8720CM / TLSR8258	Structure Version	正式壳

Sample Pictures

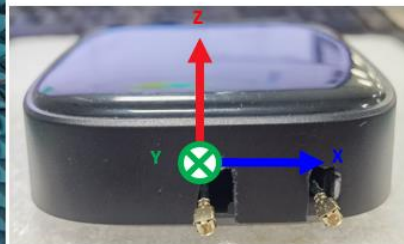
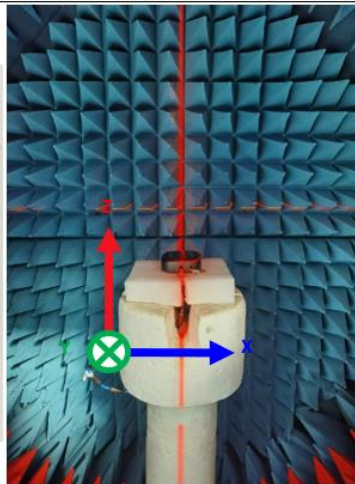


SY-16M Test System

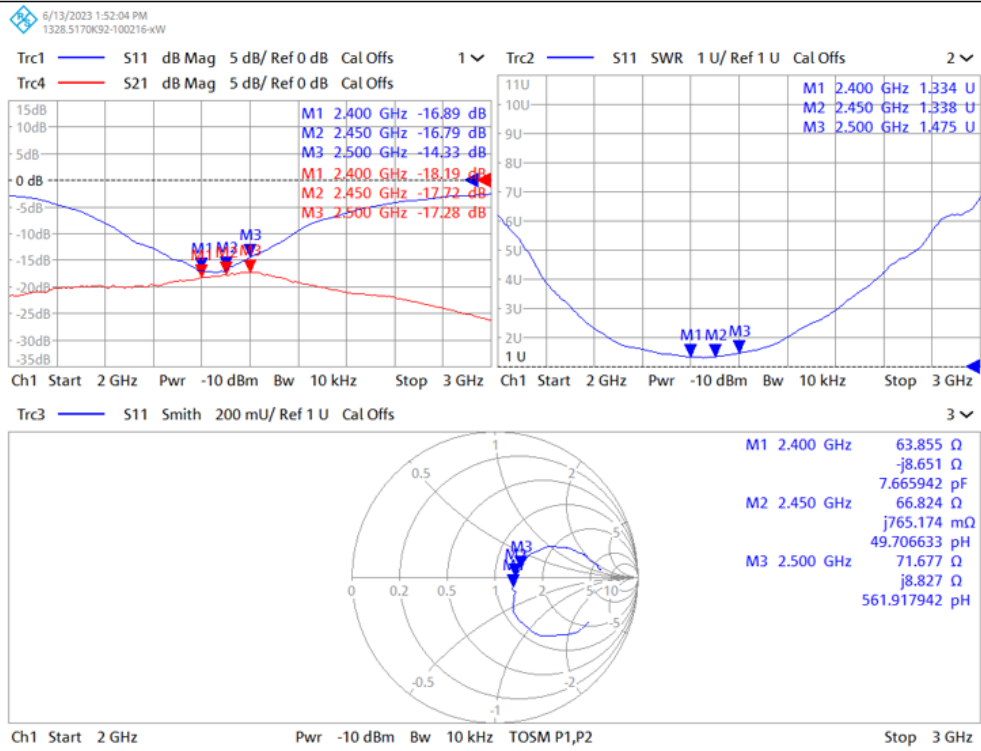


WIFI ANT

Sample Picture



VNA Data

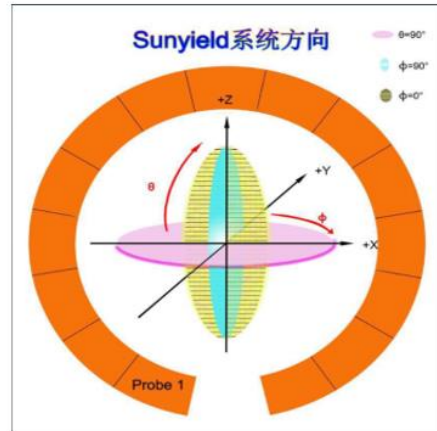
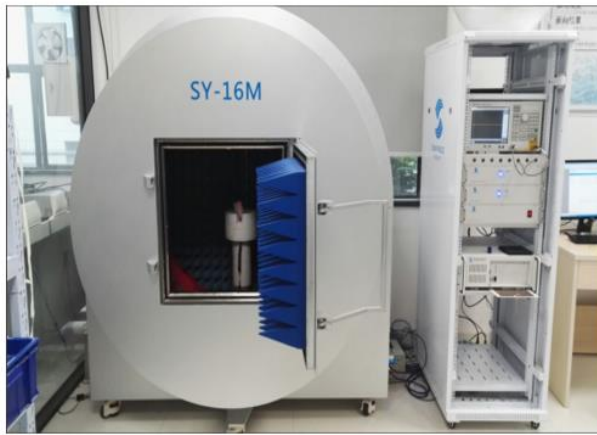


Chamber Data

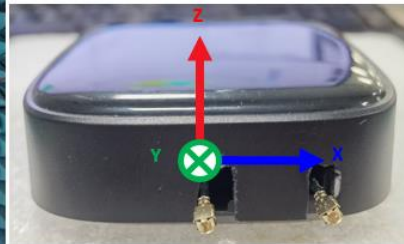
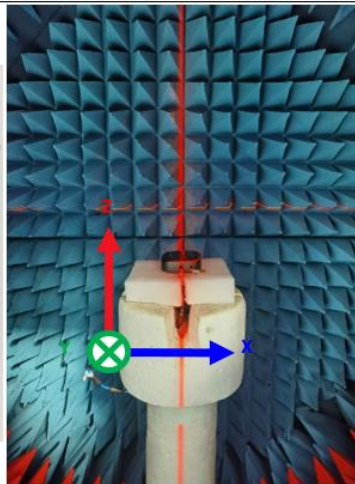
Frequency (MHz)	Gain (dBi)	Efficiency (dB)	3D	$\theta = 90^\circ$ (XY Plane)
2400	3.54	-1.39		
2410	3.78	-1.14		
2420	3.74	-1.20		
2430	3.68	-1.32		
2440	3.71	-1.26		
2450	3.83	-1.26		
2460	3.63	-1.47	$\phi = 0^\circ$ (XZ Plane)	$\phi = 90^\circ$ (YZ Plane)
2470	3.31	-1.65		
2480	3.60	-1.53		
2490	3.52	-1.65		
2500	3.33	-1.79		
MIN	3.31	-1.79		
MAX	3.83	-1.14		
AVG	3.61	-1.42		

BT/Zigbee ANT

SY-16M Test System

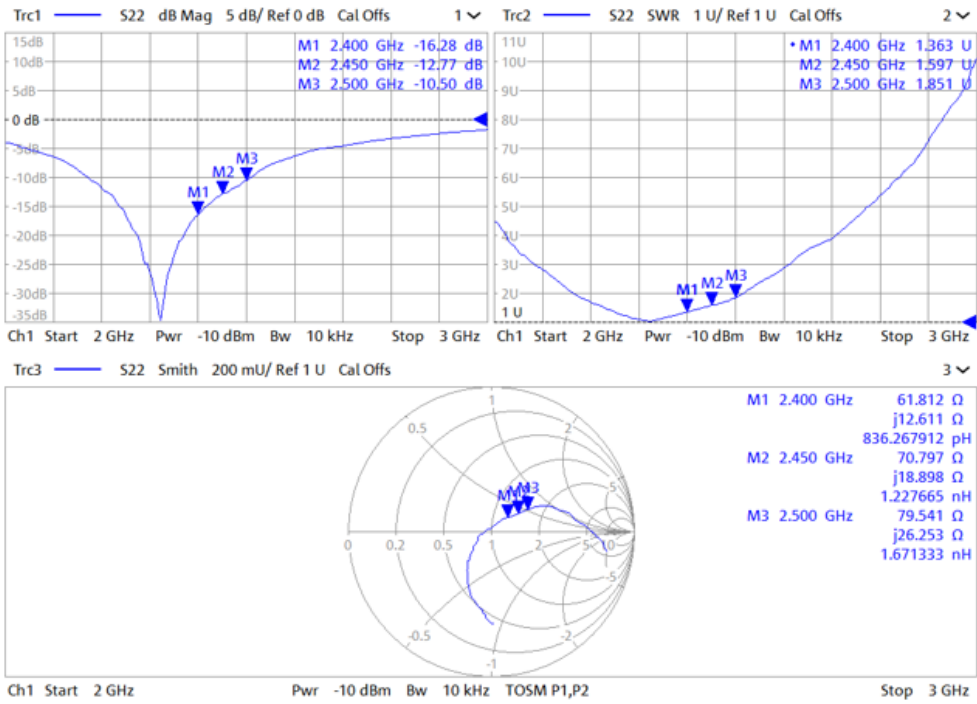


Sample Picture



VNA Data

6/13/2023 1:50:25 PM
1328.5170K32-100216-vW



Chamber Data

Frequency (MHz)	Gain (dBi)	Efficiency (dB)	3D	$\theta = 90^\circ$ (XY Plane)
2400	1.81	-1.71		
2410	2.02	-1.50		
2420	2.02	-1.49		
2430	1.89	-1.61		
2440	1.90	-1.59		
2450	2.20	-1.45		
2460	2.08	-1.66		
2470	1.85	-1.91	$\Phi = 0^\circ$ (XZ Plane)	$\Phi = 90^\circ$ (YZ Plane)
2480	2.02	-1.80		
2490	1.82	-1.95		
2500	1.52	-2.23		
MIN	1.52	-2.23		
MAX	2.20	-1.45		
AVG	1.92	-1.72		