



Manufacturer ' s name : MOKO TECHNOLOGY Ltd
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Longhua, Shenzhen, China 518110

M/N:N1

Tester : Hu Lin
Approval : Liu Feng
Date : 2024 / 01 / 22



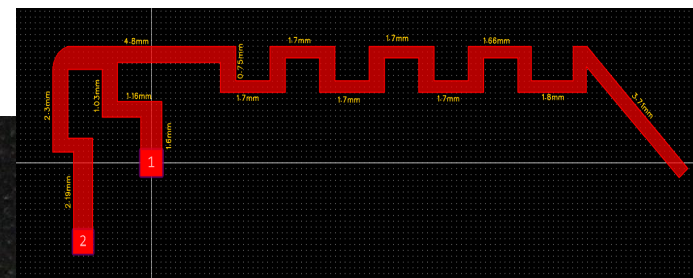
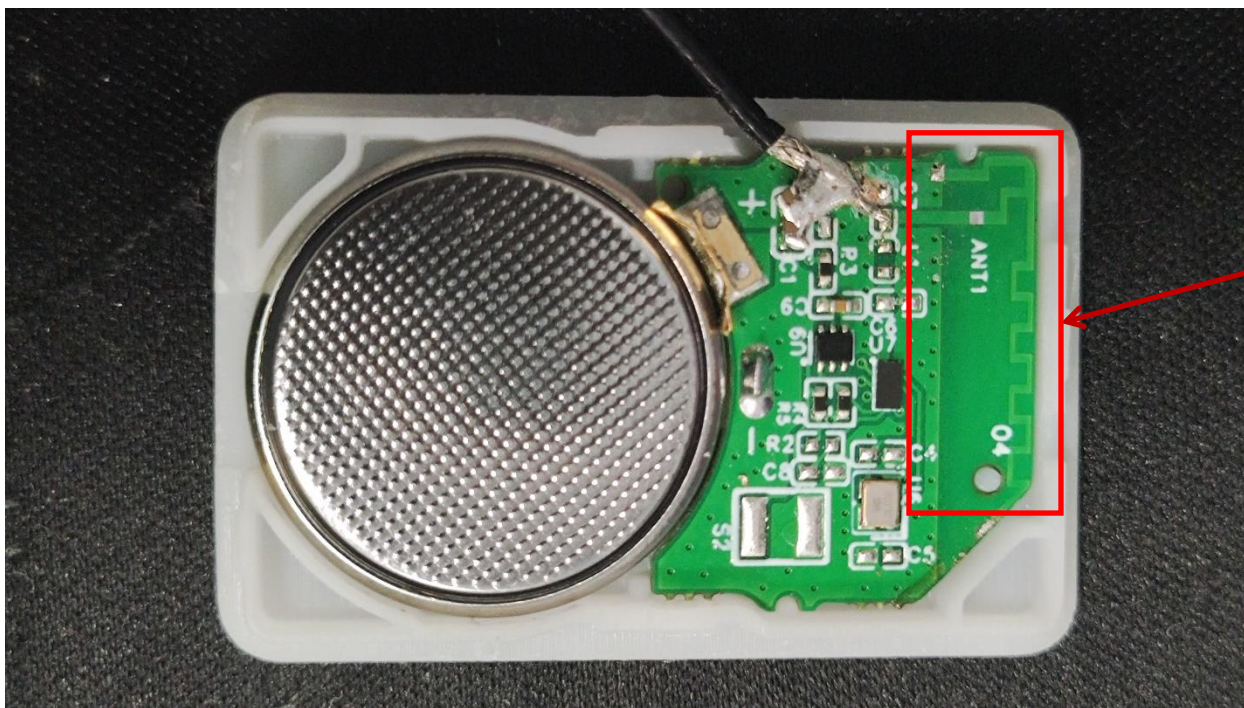
1. Device Profile

2. 1# 2.4G BT Test



1. Device Profile

$$2.19+2.3+1.03+4.8+1.15+1.6+0.75+1.7+1.7+1.7+1.7+1.7+1.7+1.66+1.8+3.71=29.49\text{mm}$$

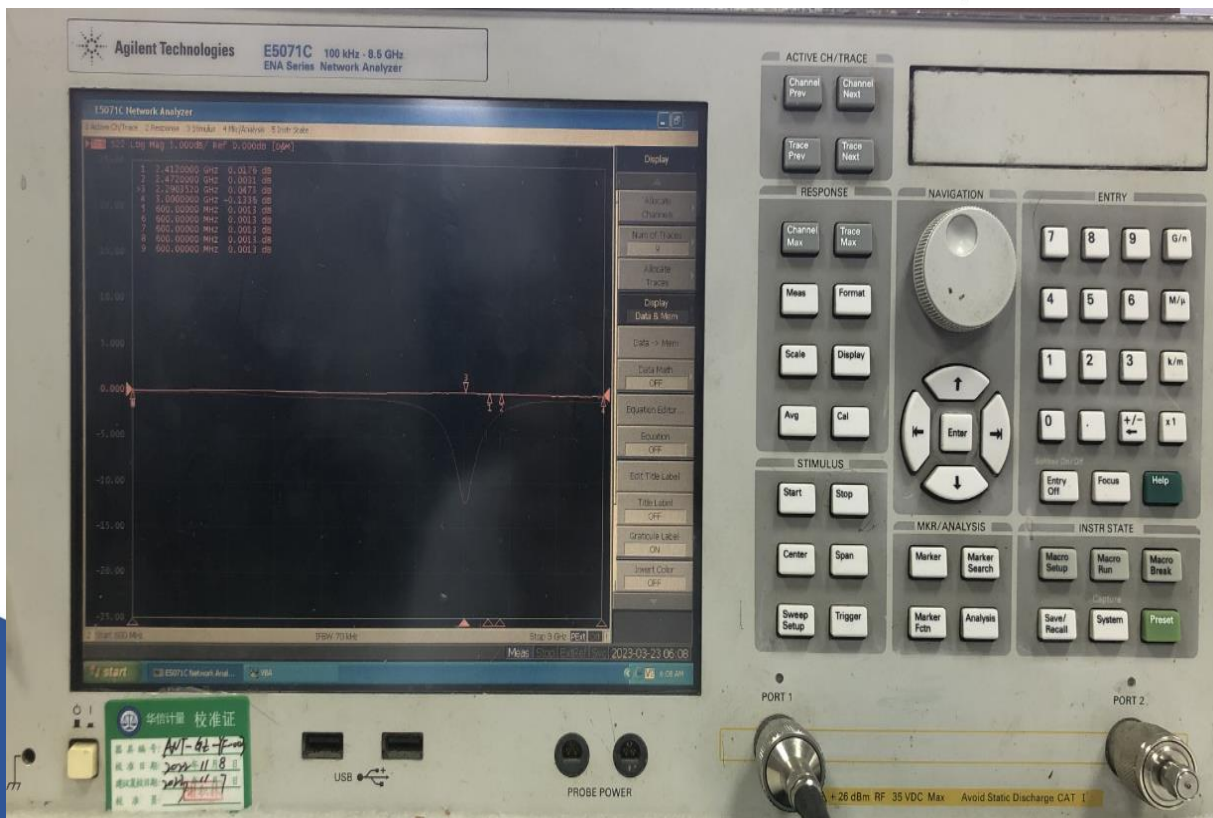


BT Antenna

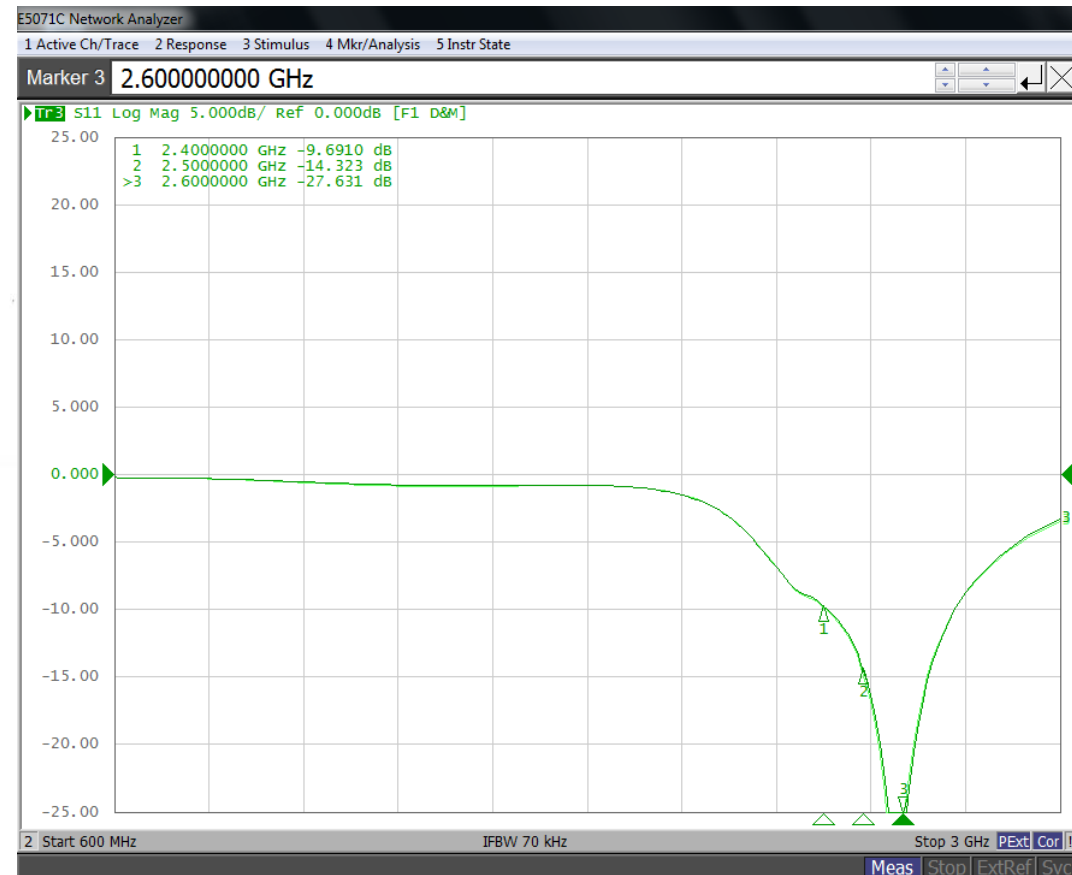


2. 1# 2.4G BT Test

Agilent E5071C

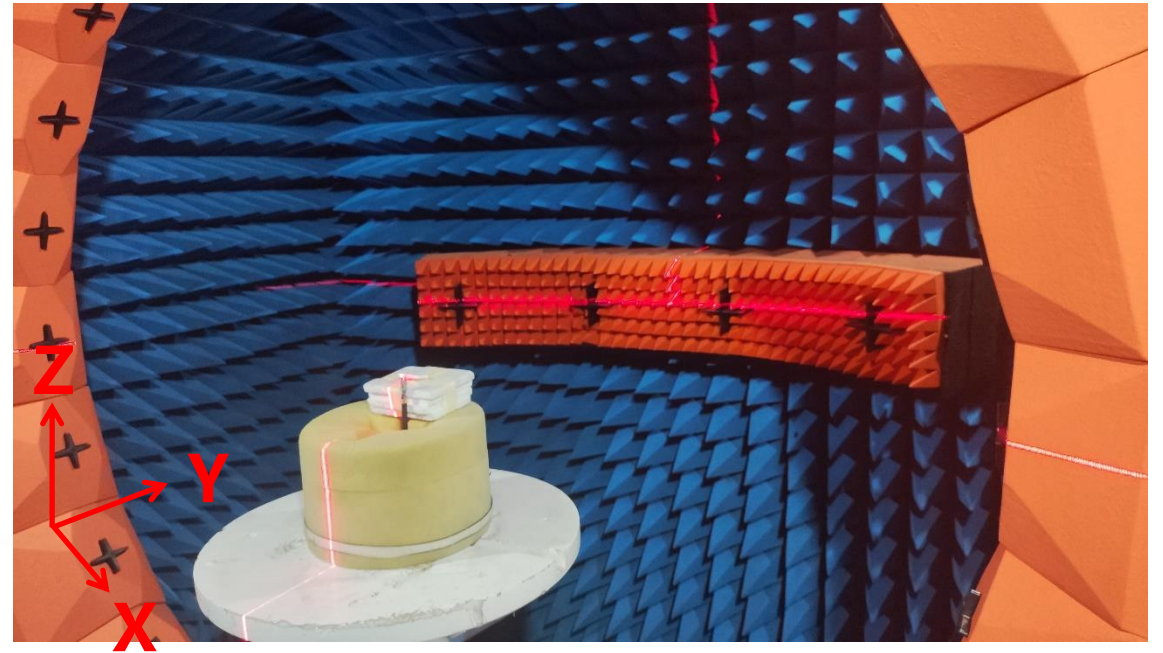
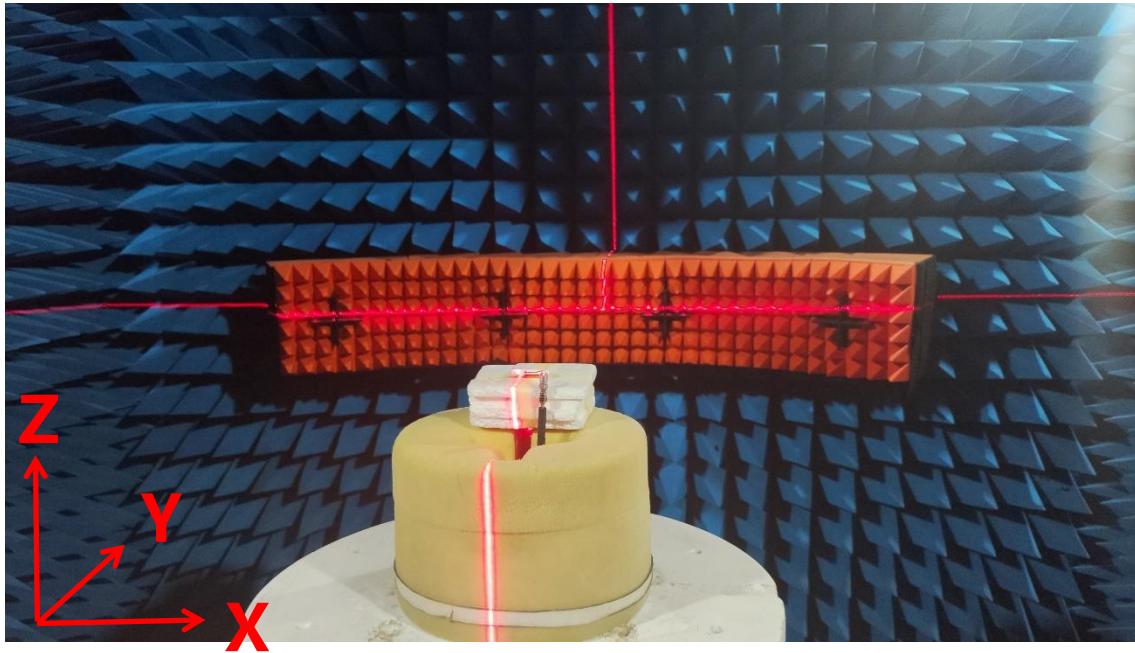


S-Parameter Test





Antenna Passive Test



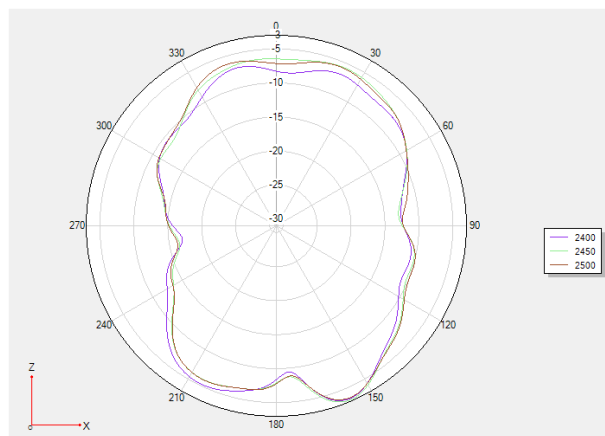


Passive Test				Passive Test			
Frequency /Mhz	Efficiency/ dB	Efficiency/ %	MaxGain/ dBi	Frequency /Mhz	Efficiency/ dB	Efficiency/ %	MaxGain/ dBi
2400	-8.47	14.22	-0.6	2510	-6.76	21.09	0.17
2410	-7.94	16.07	-0.42	2520	-6.7	21.38	0.93
2420	-7.93	16.11	0.04	2530	-6.68	21.48	1.22
2430	-7.88	16.29	0	2540	-6.62	21.78	0.42
2440	-7.85	16.41	0.18	2550	-6.46	22.59	0.79
2450	-7.81	16.56	-0.19	2560	-6.32	23.33	0.8
2460	-7.74	16.83	0.08	2570	-6.13	24.38	1.25
2470	-7.37	18.32	0.72	2580	-6.13	24.38	0.94
2480	-7.25	18.84	-0.29	2590	-6.12	24.43	1.41
2490	-7.17	19.19	-0.01	2600	-6.1	24.55	1.07
2500	-6.93	20.28	1.06				

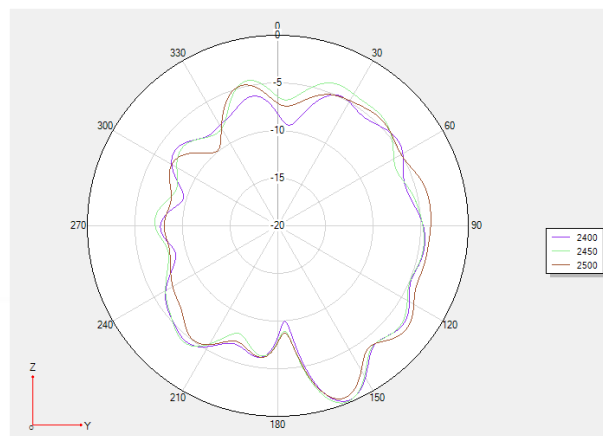


2D-Etotal (2400/2450/2500Mhz)

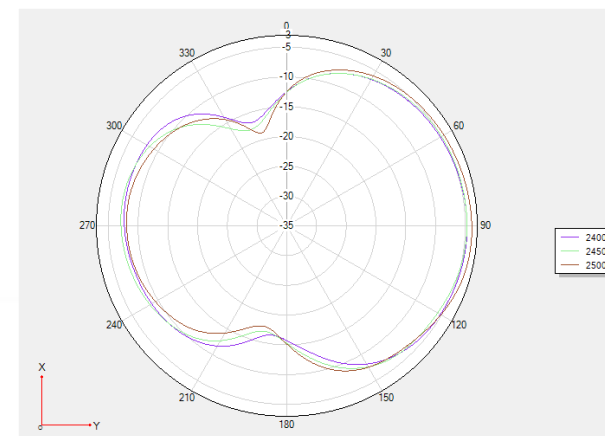
Phi 0 2D



Phi 90 2D

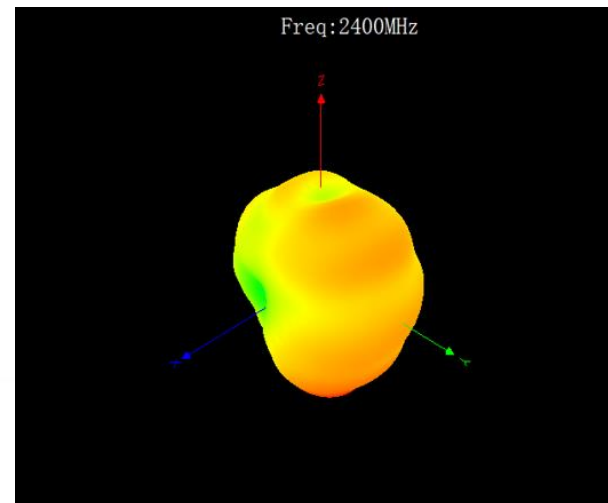
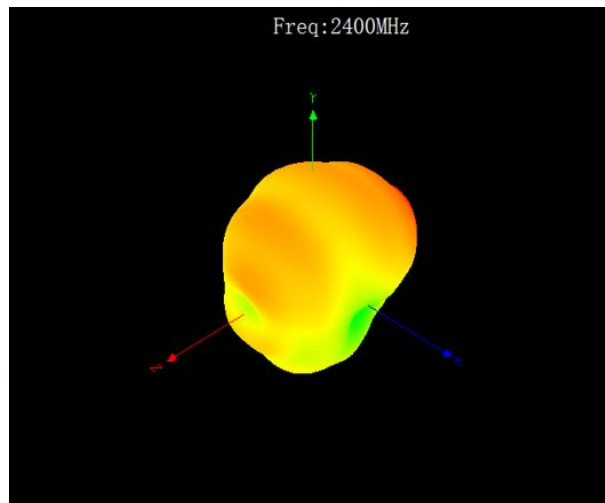
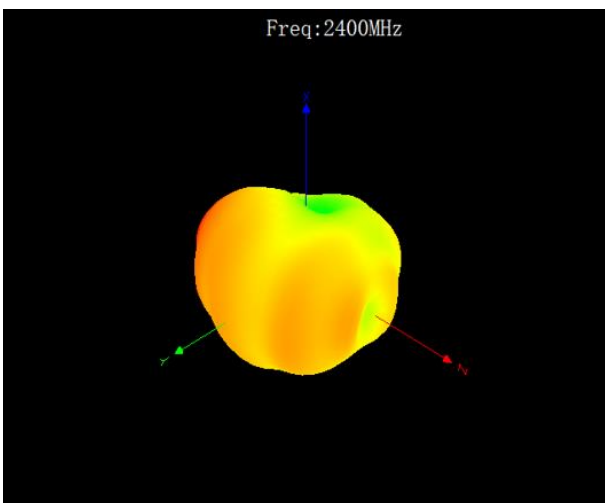


Theta 90 2D



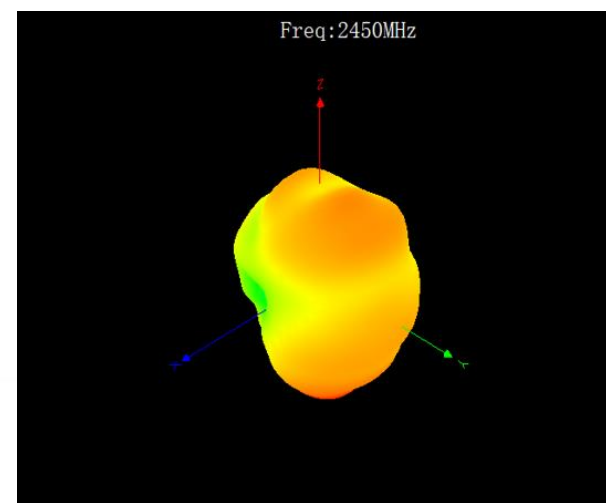
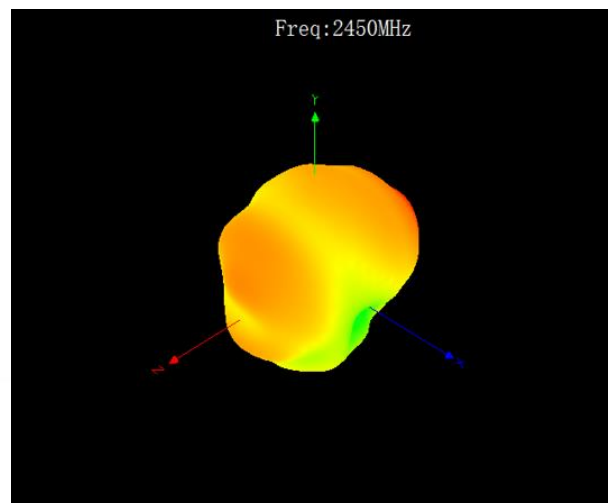
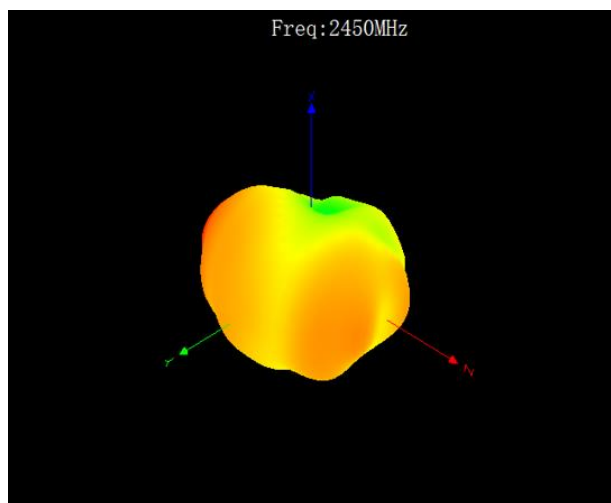


3D-Etotal (2400Mhz)





3D-Etotal (2450Mhz)





3D-Etotal (2500Mhz)

