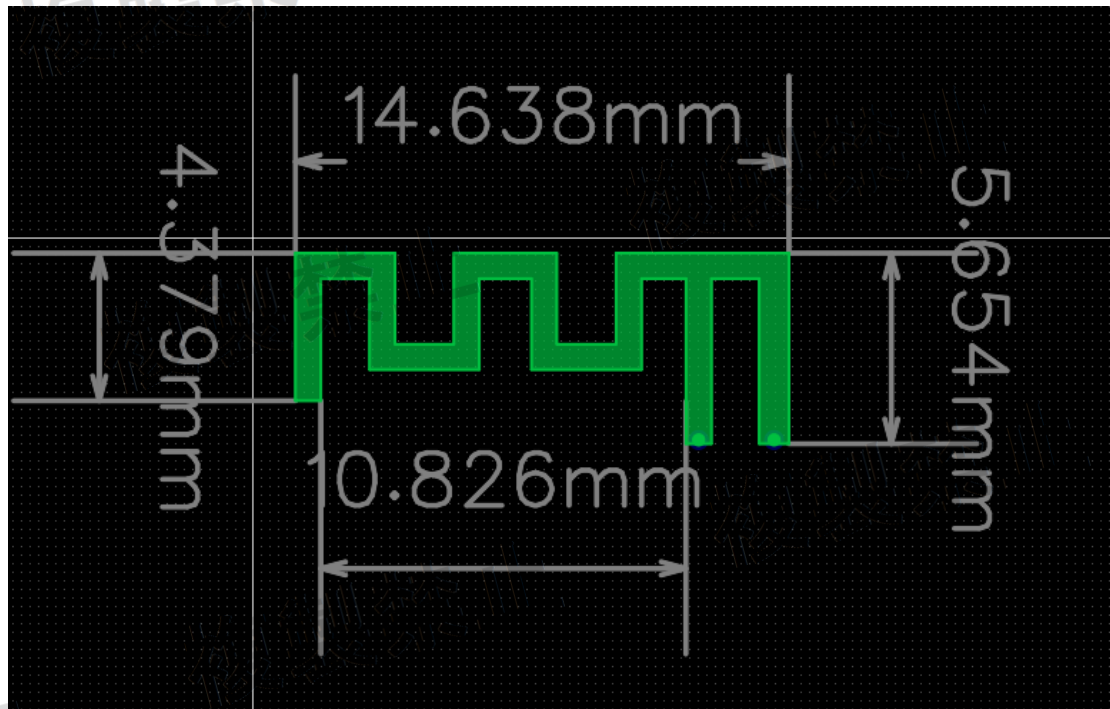


SF32LB52-MOD-1 PCB Antenna Specification

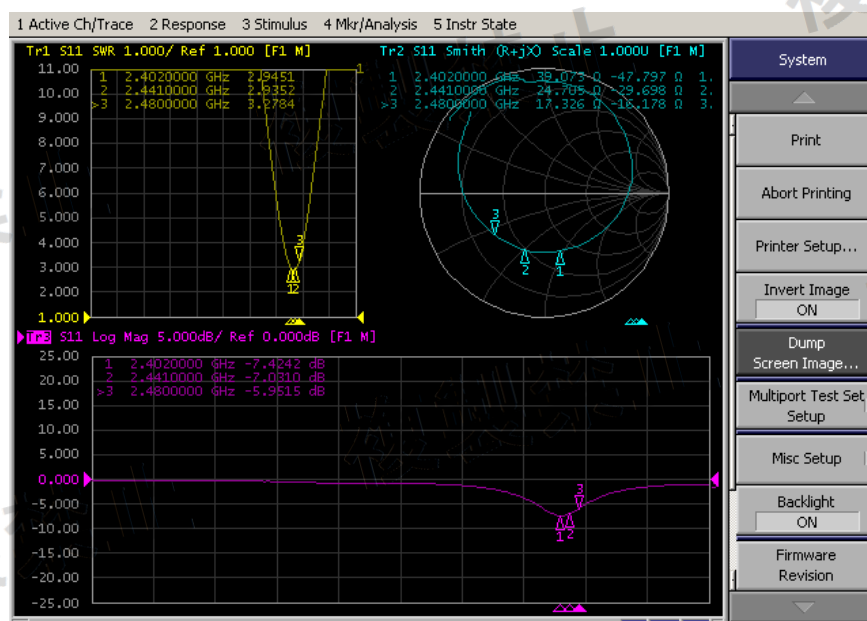
Manufacture: SiFli Technologies, shanghai

Model Name: MINI_ANTENNA_RF。

Antenna Photo & Length (mm)



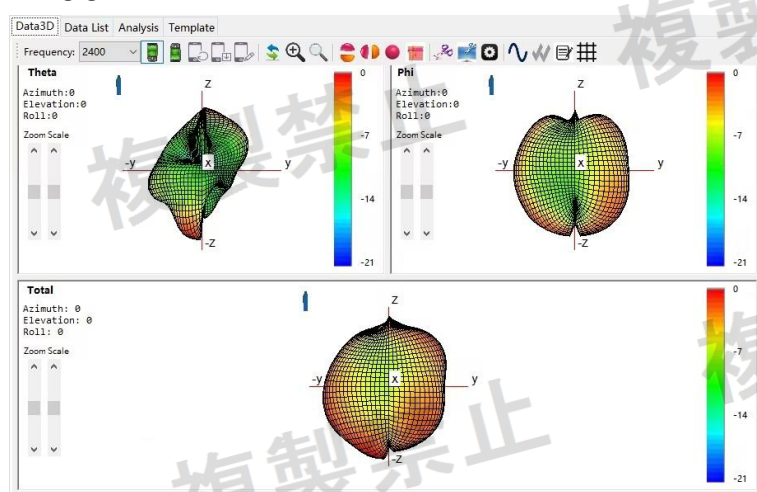
1.1 S11



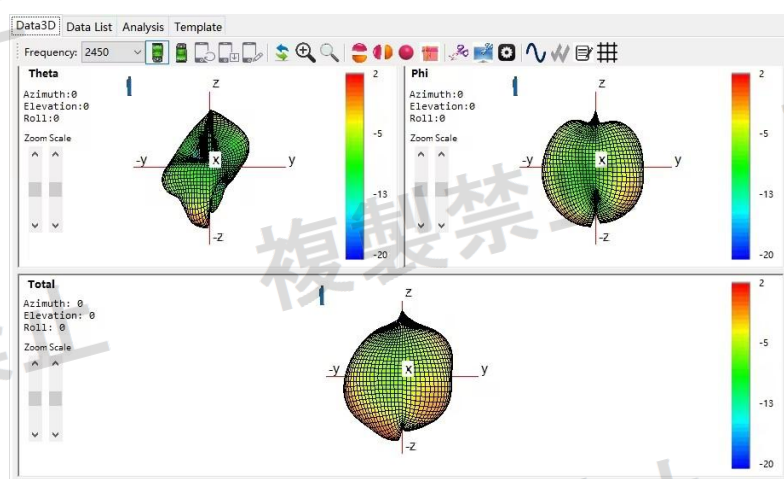
Test	FS								
Test Point ID	1	2	3	4	5	6	7	8	9
Freq. (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480
Efficiency (%)	42.38%	42.88%	43.96%	44.48%	44.17%	43.95%	43.42%	43.18%	42.47%
效率 (dB)	-3.73	-3.68	-3.57	-3.52	-3.55	-3.57	-3.62	-3.65	-3.72
增益 (dBi)	-0.53	-0.17	0.3	0.68	0.89	1.09	1.19	1.16	1.06

1.2.2 BT(OTA_FS)

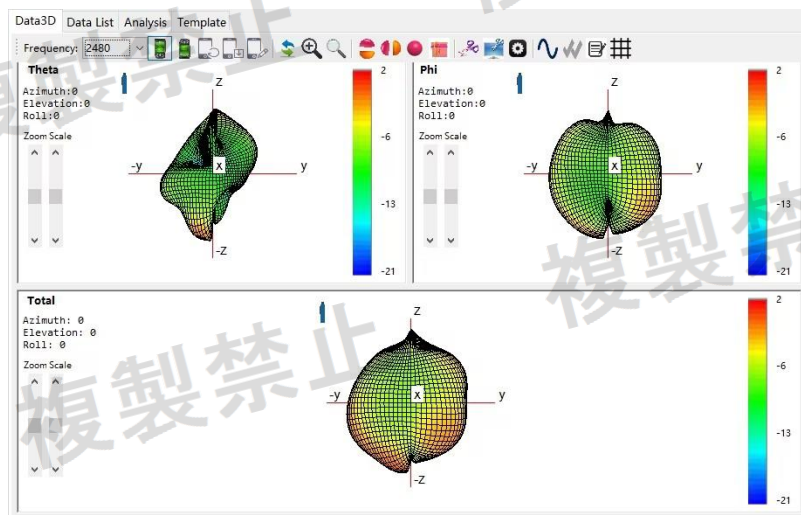
2400MHZ



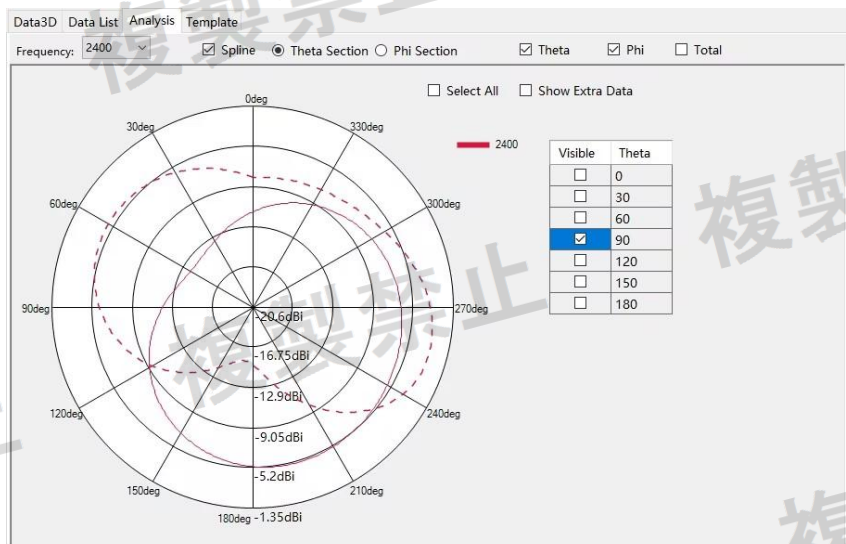
2450MHZ



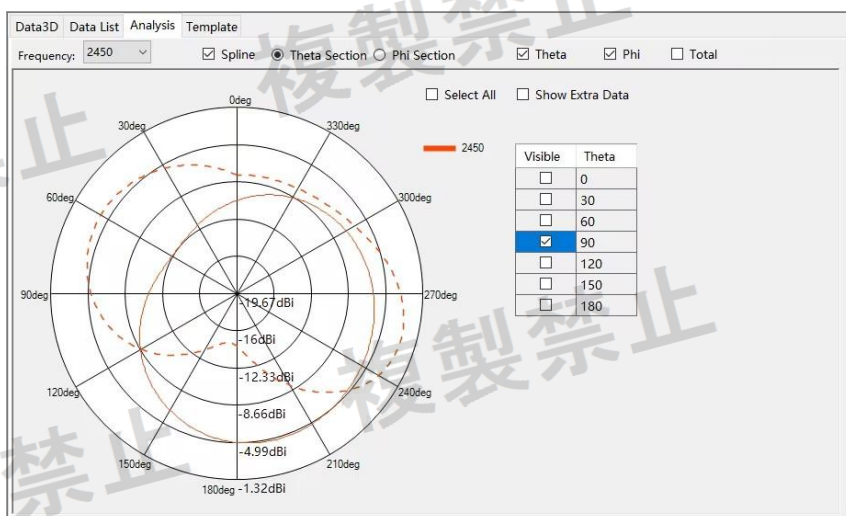
2480MHZ



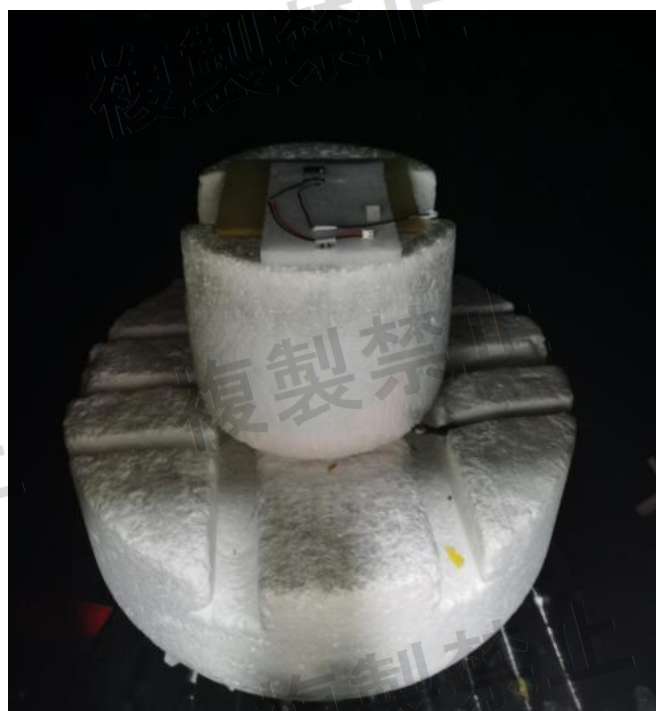
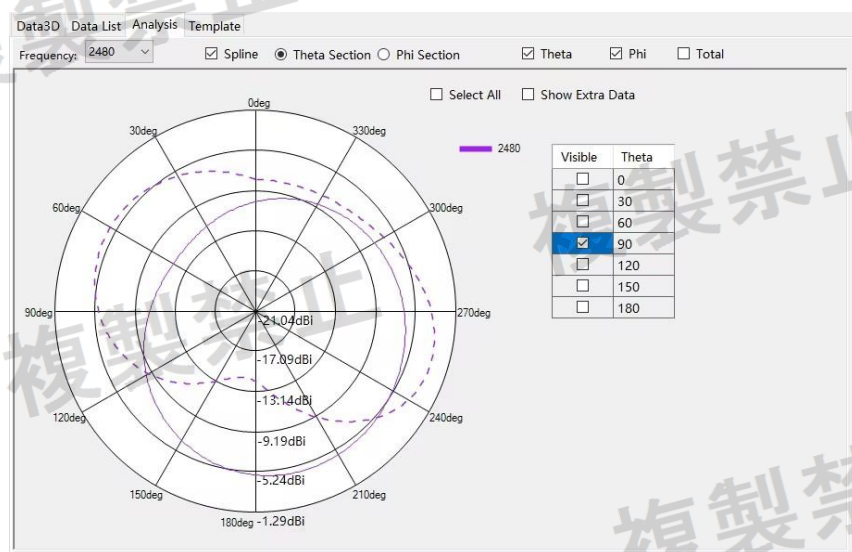
1.2.3 -FS 2400MHZ



2450MHZ



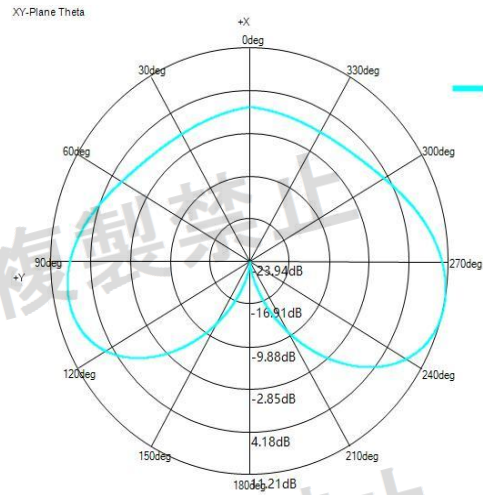
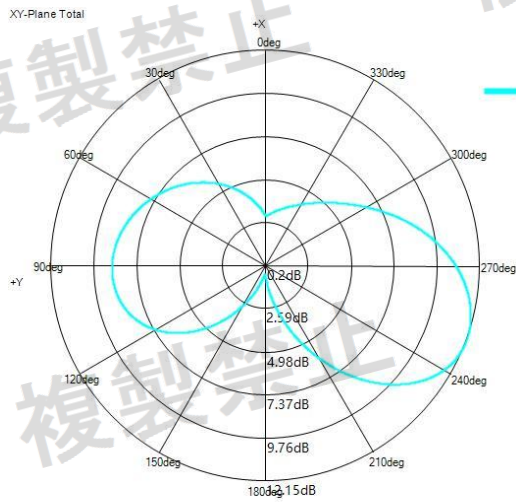
2480MHZ



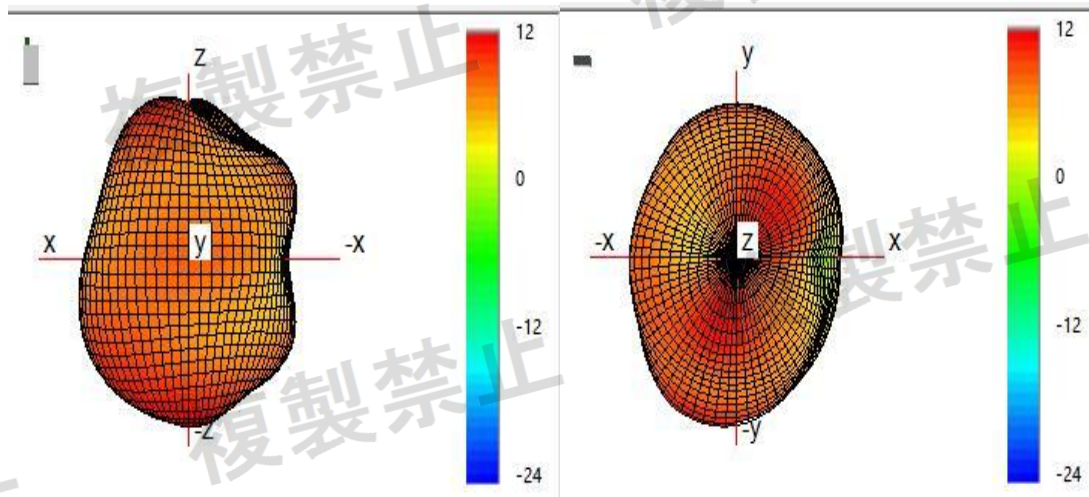
1.3 BT-TRP

Band	Channel	Frequency (MHz)	TRP/TIS (dBm)	Peak EIRP	Min EIRP	BoreSight Theta (°)	BoreSight Phi (°)	NHPRP ± 45 / NHPIIS ± 45 (dBm)	NHPRP ± 30 / NHPIIS ± 30 (dBm)
Classic	0	2402	8.58	12.19	1.77	90	240	6.85	5.23
Classic	39	2441	8.16	11.83	0.18	150	60	6.30	4.60
Classic	78	2480	7.91	11.52	-0.51	30	240	6.00	4.19

1.4.1 2441MHZ



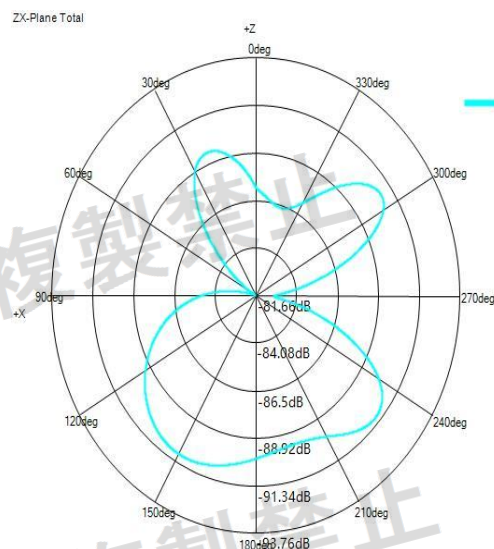
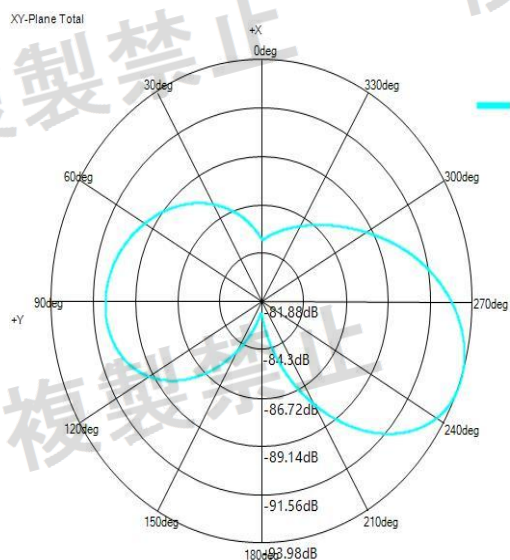
1.4.2 2441MHZ



1.4.3 BT-TIS

Band	Channel	Frequency (MHz)	TRP/TIS (dBm)	Peak EIS	Min EIS	BoreSigh t	BoreSigh t	NHPRP ± 45 /NHPIS ± 45	NHPRP ± 30 /NHPIS ± 30
Classic	0	2402	-89.88	-93.50	-83.07	90	240	-88.15	-86.53
Classic	39	2441	-89.88	-93.55	-81.90	150	60	-88.02	-86.31
Classic	78	2480	-89.51	-93.11	-81.08	30	240	-87.59	-85.78

1.4.4 2441MHZ



1.4.5 2441MHZ

