

Customer Name: DONGGUAN KANGYOU ELECTRONICS CO.,LIMITED

Address: No. 27, Sanjiang Industrial Park, Hengli Town, Dongguan City,Guangdong Province, China.

Part#: E11JL301710A02

Description: JL3017,R Antenna+Touch PFC,size 11*9.2,3M single sided,thickness 0.15

Supplier name: Dongguan Yuan Feng lun Electronics Co.,Ltd.

Address: West Ring Road,NO.2 Industrial Area of Tiantou,Hengli Town,Dongguan

1. Appearance: (Hardware version: V2.1)

Material: FPC single panel {PI (ED)} a pair of half substrates+adhesive (3M 9471 0.05mm)+surface black ink (Kaiyao (>0.01mm))

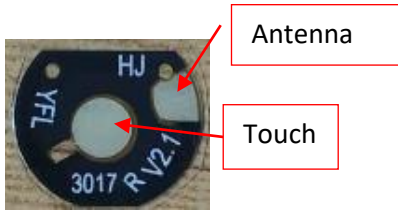
Front:



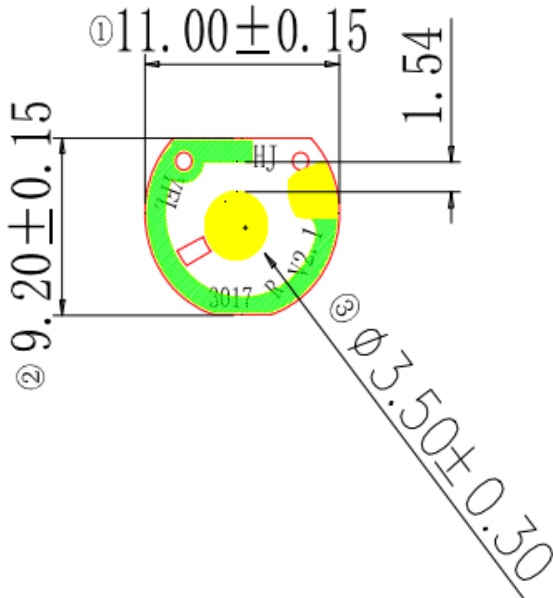
Back:



2. Interface definition:

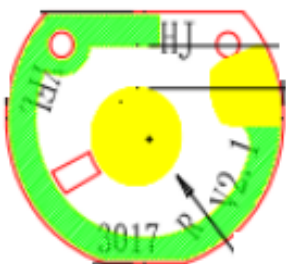


3. Size:

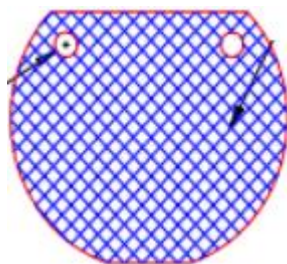


4. PCBA Layout:

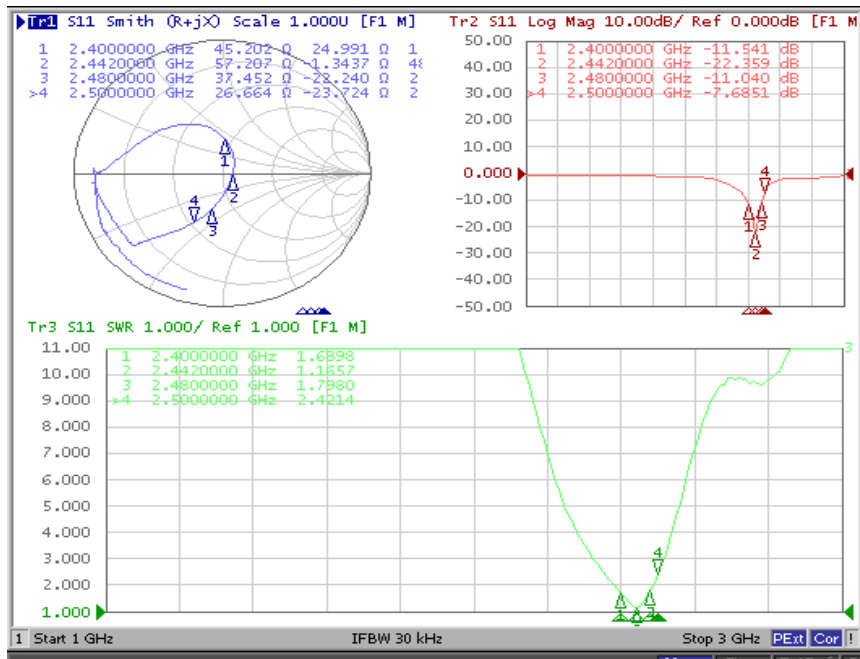
Front



Back

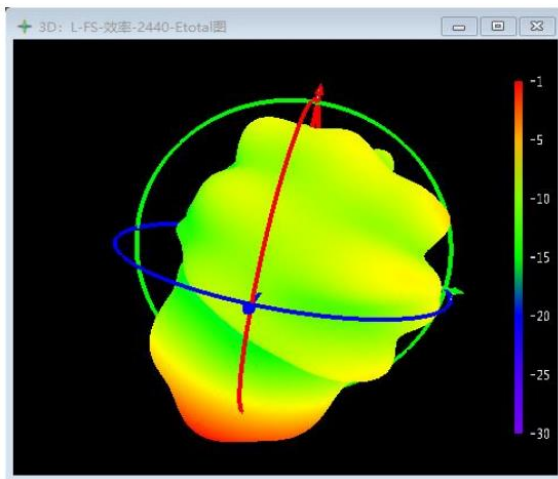


5. S11 parameter :

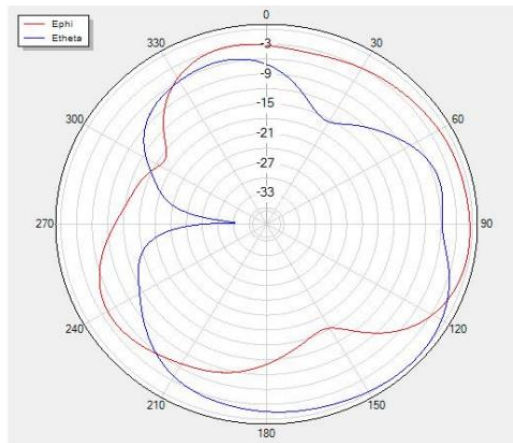


6. Passive efficiency

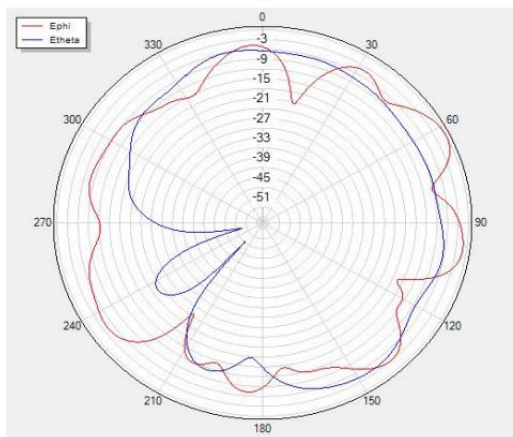
R				
	增益 (dBi)	效率 (dB)	效率 (%)	
2400	-2.05	-6.8	15.77	
2410	-2.39	-6.98	16.20	
2420	-2.44	-6.79	16.49	
2430	-2.44	-6.52	15.42	
2440	-2.34	-6.68	16.91	
2450	-2.36	-6.7	16.84	
2460	-2.28	-6.43	17.51	
2470	-2.4	-6.35	15.61	
2480	-2.41	-6.17	16.80	
2490	-3.15	-6.31	15.88	
2500	-3.35	-6.28	14.88	



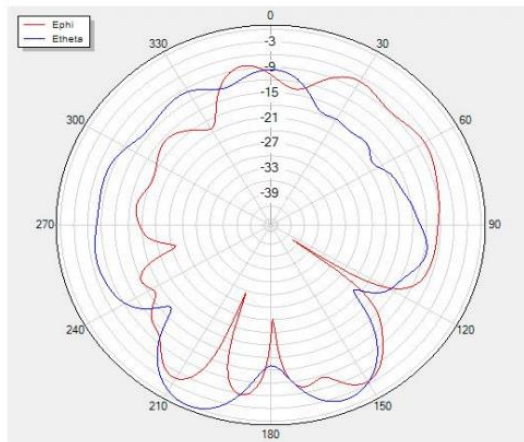
Theta=90 freq=2400MHz



Phi=90 freq=2400MHz



Phi=0 freq=2400MHz



7.Active efficiency

R			
	信道	TRP (dbm)	TIS (dbm)
自由空间	0	-4.23	-79.46
	39	-2.97	-81.59
	78	-3.81	-81.67
	信道	TRP (dbm)	TIS (dbm)
二代头模	0	-6.31	-78.01
	39	-5.53	-79.74
	78	-5.26	-78.27