

3216 Antenna Information

Antenna Message		
1	Manufacture Company	OneWave Electronic Co., Ltd.
2	Manufacture Add:	2F., No.163, sec.1, Xi'an St., Beitou Dist.,Taipei City 112, Taiwan
3	Antena Type:	X=06,07,08 / Type=06,07,08
4	Antena Size:	3.2*1.6*0.45±0.2mm

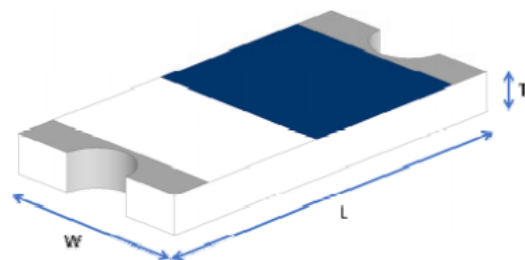
C2-Antena Test Report

1	Product name:	C2
2	Ver:	A
3	Frequency:	2.402-2.481GHZ

3216 Antenna Information

3216 Chip antenna

For Bluetooth / WLAN Applications

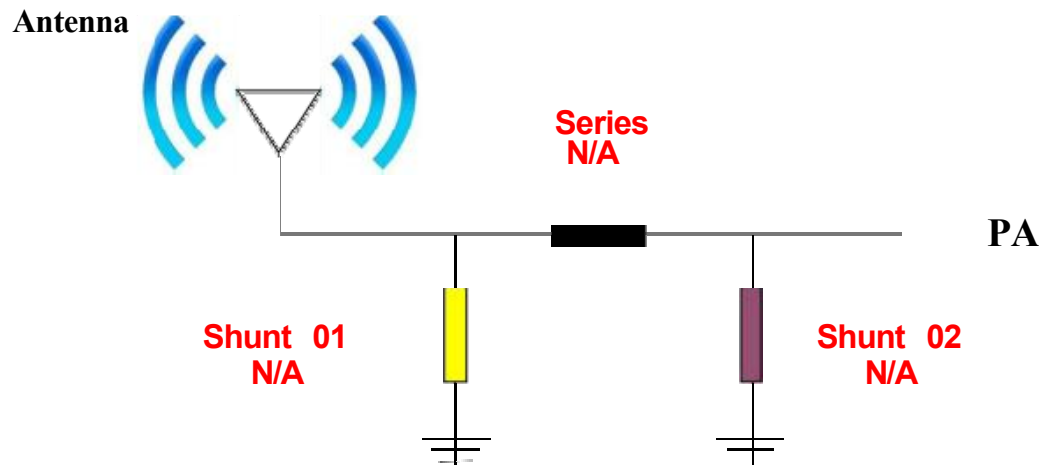


P/N: WAN3216F245H0X

	Dimension (mm)
L	3.23 ± 0.20
W	1.66 ± 0.20
T	0.45 ± 0.20

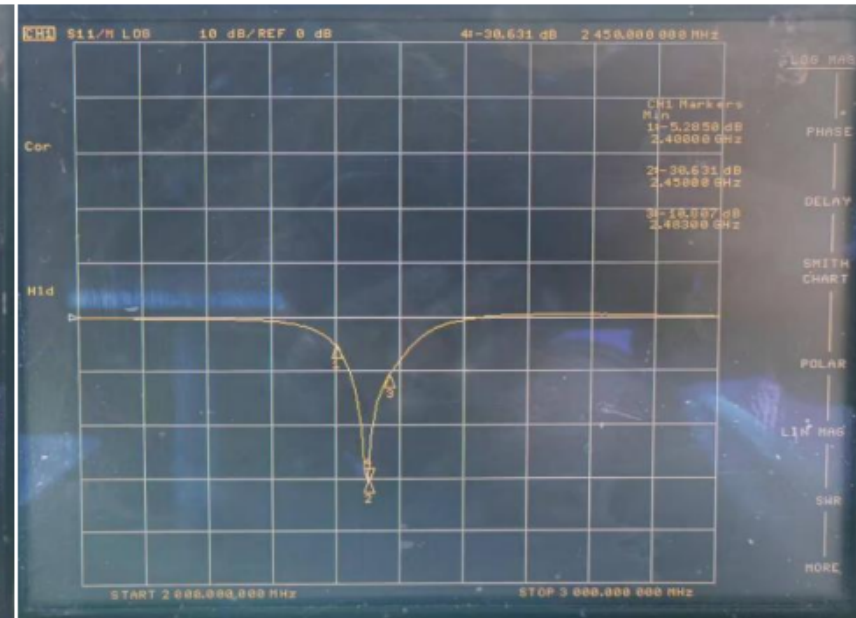
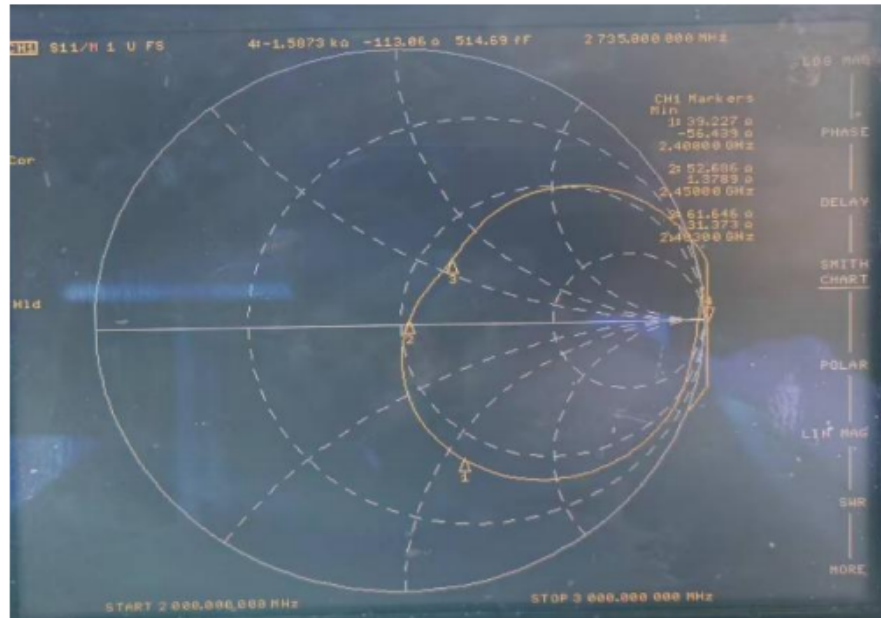
Main borad

Antenna Matching Network



Location	Description	Vendor
Shunt 01	N/A	N/A
Series	N/A	N/A
Shunt 02	N/A	N/A

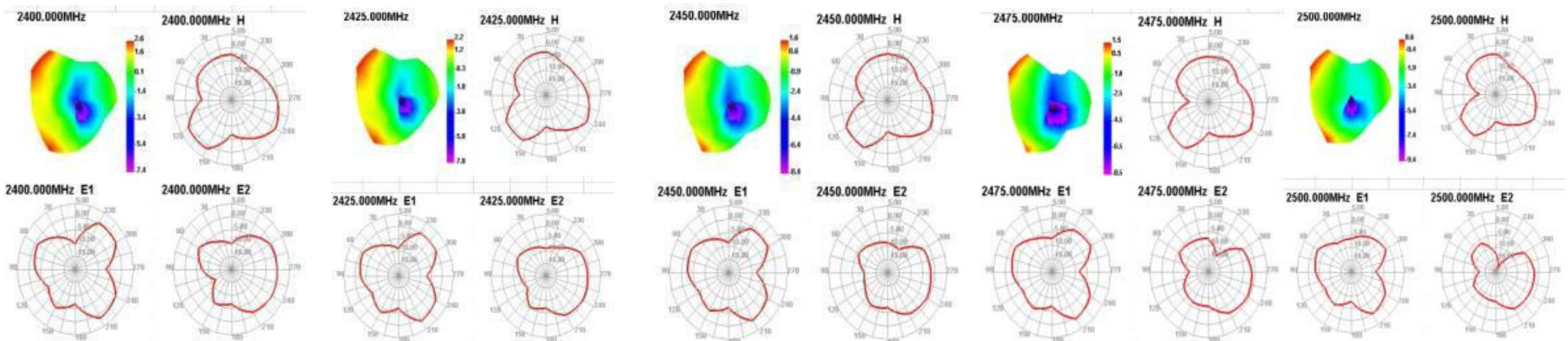
S11 SWR /Smith/ Log Mag



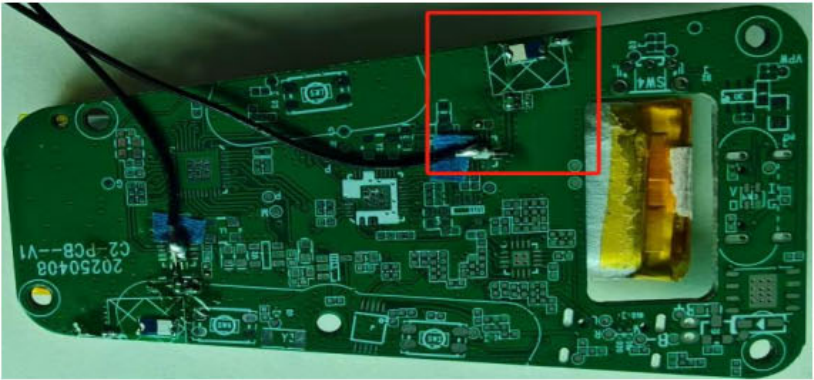
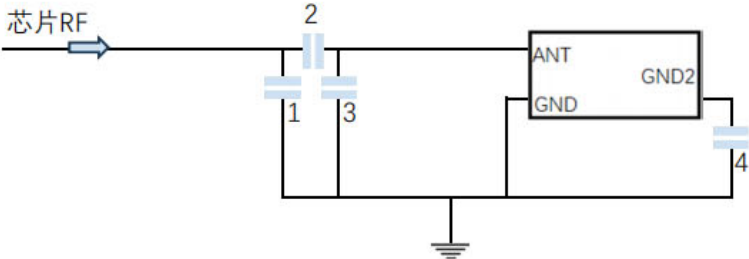
Fre.(MHz)	2400	2450	2483
S11(dB)	-05.28	-30.63	-10.80

Gain&Efficiency

Frequency (MHz)	Efficiency (%)	Efficiency (db)	Peak GAIN (dBi)
2400	55.49	-2.6	2.62
2425	58.21	-2.4	2.16
2450	56.29	-2.5	1.6
2475	54.63	-2.26	1.46
2500	46.04	-3.37	0.61

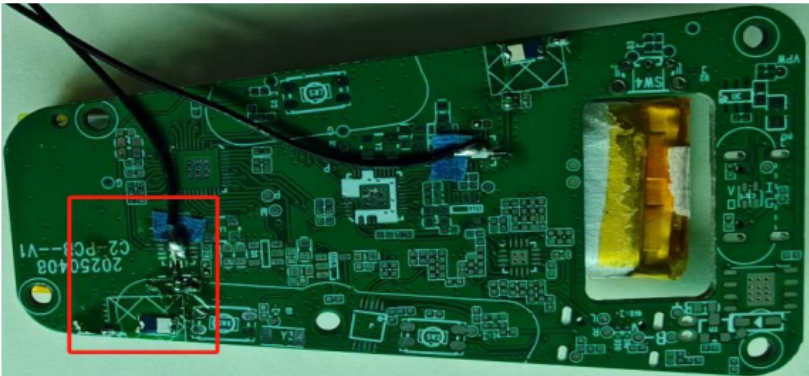
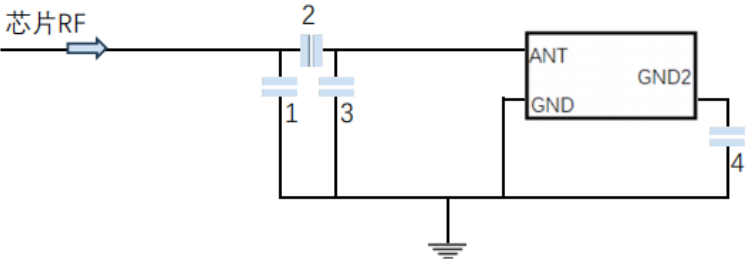


Test Photo



客户名称:	毅龙实业				
项目名称:	C2-PCB-V1-2				
主控芯片:					
调试日期:	20250424				
匹配物料编号:	物料规格尺寸	匹配参数值	物料名称	物料品牌	料号位置
1	0402	NC			
2	0402	2.7nH	贴片电感	村田	
3	0402	NC			
4	0402	2.7pF	贴片电容	村田	
ANT	WAN3216F245H08			万诚天线	

Test Photo



客户名称:	毅龙实业				
项目名称:	C2-PCB-V1-1				
主控芯片:					
调试日期:	20250424				
匹配物料编号:	物料规格尺寸	匹配参数值	物料名称	物料品牌	料号位置
1	0402	NC			
2	0402	4.3nH	贴片电感	村田	
3	0402	0.5pF	贴片电容	村田	
4	0402	3.6pF	贴片电容	村田	
ANT	WAN3216F245H08			万诚天线	

Thanks