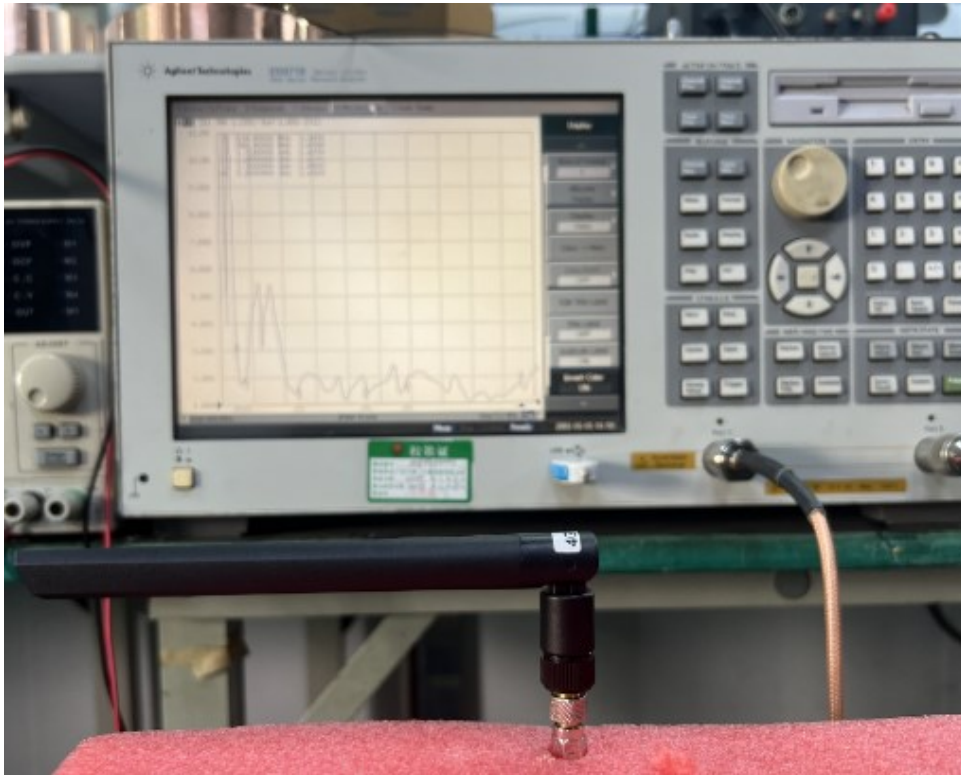


Certificate of Approval for Antenna Samples

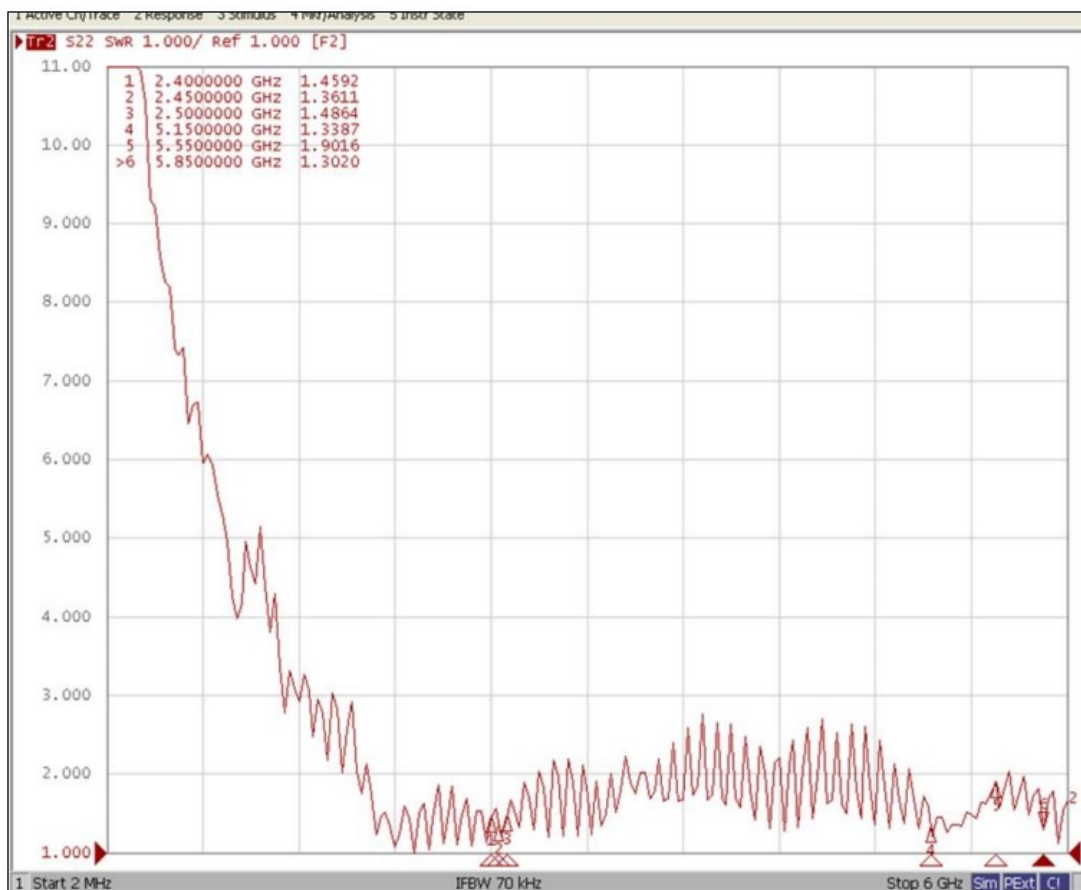
Issued by: Shenzhen Vlg Wireless Technology Co.,Ltd.

Product Description	WIFI rubber rod antenna			Frequency Band	2400-2500/5150-5850MHz		
Material Code	V2012-012-A-02			Version	A		
Company	VLG			Address	Taohuayuan Science and Technology Innovation Eco-Park, Xixiang, Bao'an District, Shenzhen		
RF	李立明	confirm	李立明	QA	邵晓东	confirm	邵晓东
SD	鲁鹏东		鲁鹏东	PM	黄莉莉		黄莉莉
Date	2025.03.24						

1. Test system connection



2. Radiation Report:



3. OTA passive test data:

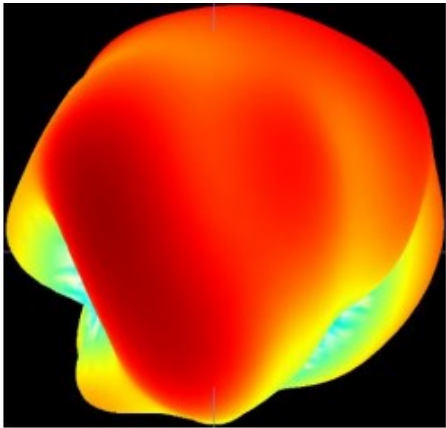
2400-2500MHz

Frequency (MHz)	Efficiency(%)	Gain (dBi)
2400	55.7	1.5
2410	51.9	1.6
2420	52.7	2.2
2430	50.9	2.0
2440	52.8	2.1
2450	49.9	2.3
2460	51.0	2.3
2470	55.8	1.9
2480	41.4	2.5
2490	54.9	3.1
2500	49.6	2.7

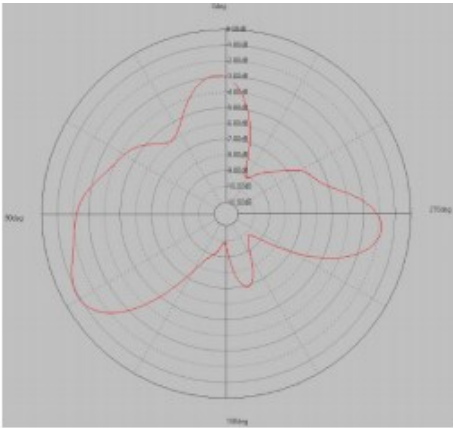
5150-5850MHz

Frequency (MHz)	Efficiency(%)	Gain (dBi)
5150	53.9	2.0
5200	54.3	2.2
5250	57.6	2.3
5300	44.2	2.1
5350	56.5	2.4
5400	50.3	1.9
5450	46.6	1.9
5500	65.3	2.1
5550	54.0	2.3
5600	58.3	1.1
5650	44.3	1.3
5700	51.5	1.4
5750	45.6	1.3
5800	44.3	2.4
5850	51.4	2.1

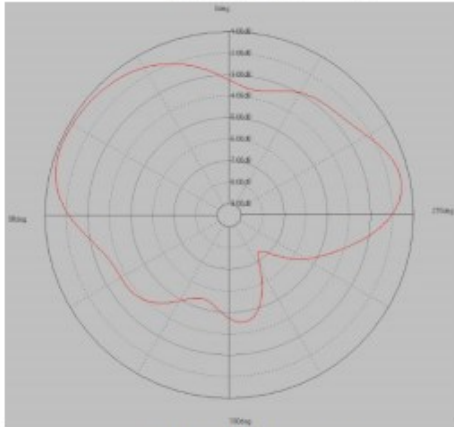
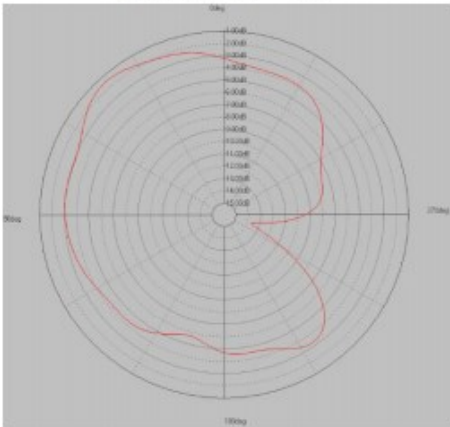
4. OTA Direction Pattern



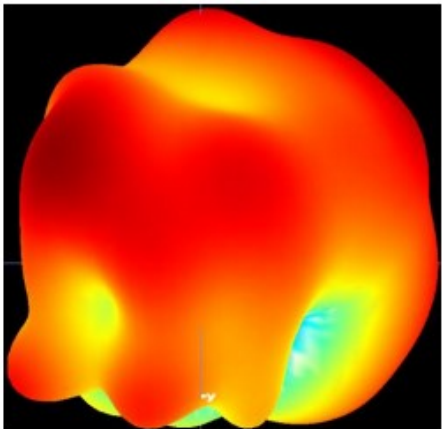
2400MHZ E1



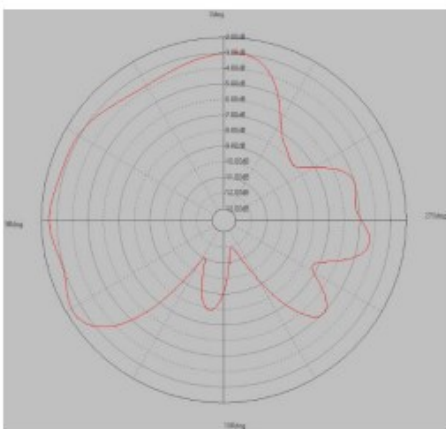
2400MHZ E2



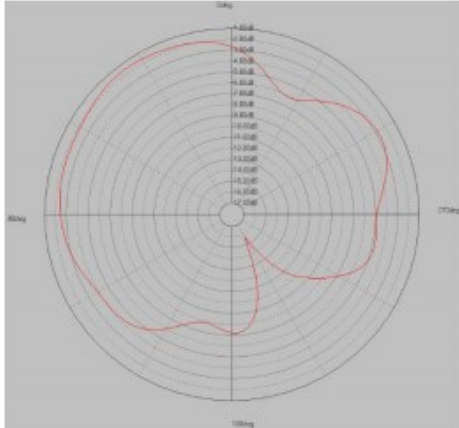
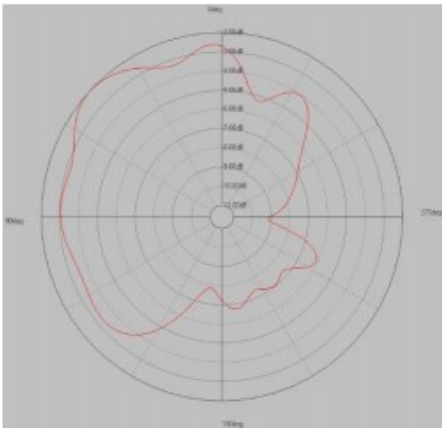
2450MHZ H



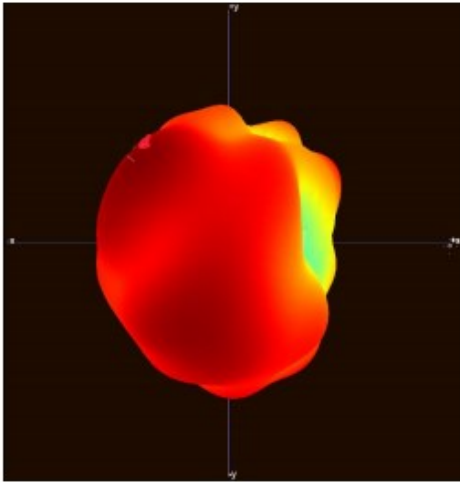
2450MHZ E1



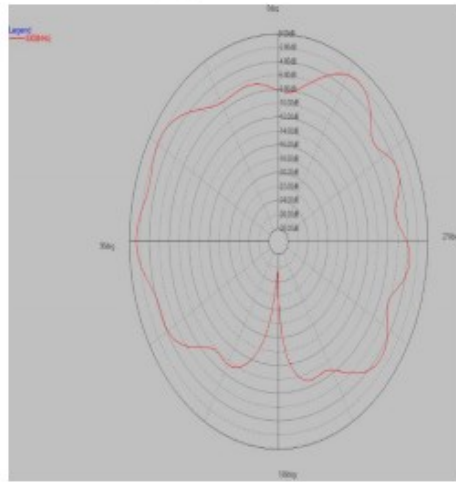
2450MHZ E2



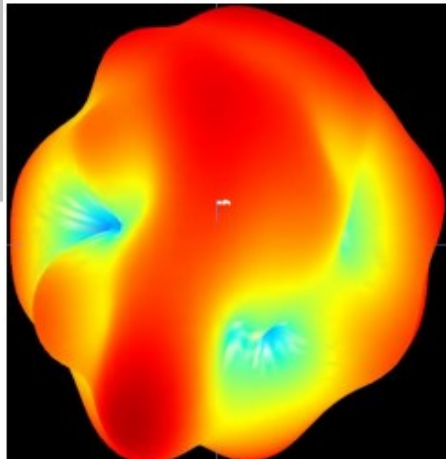
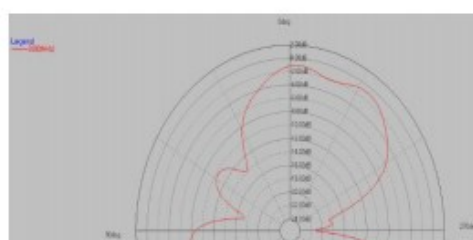
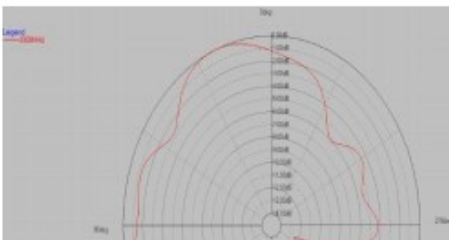
2500MHZ H



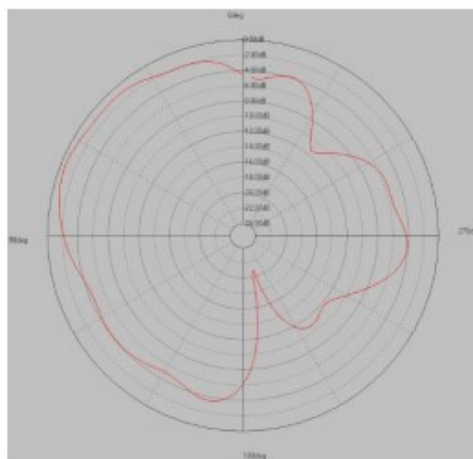
5150MHZ E1



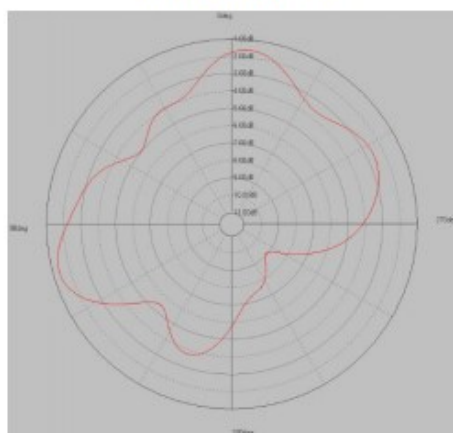
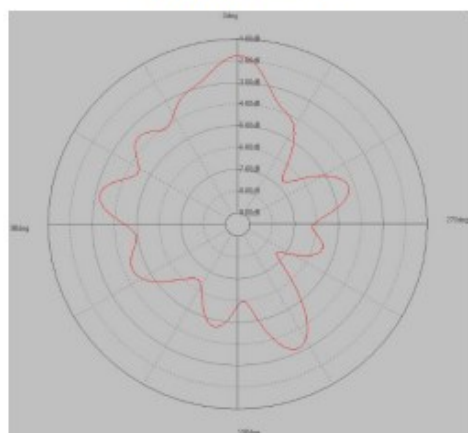
5150MHZ E2



2500MHZ E1



2500MHZ E2



5150MHZ H