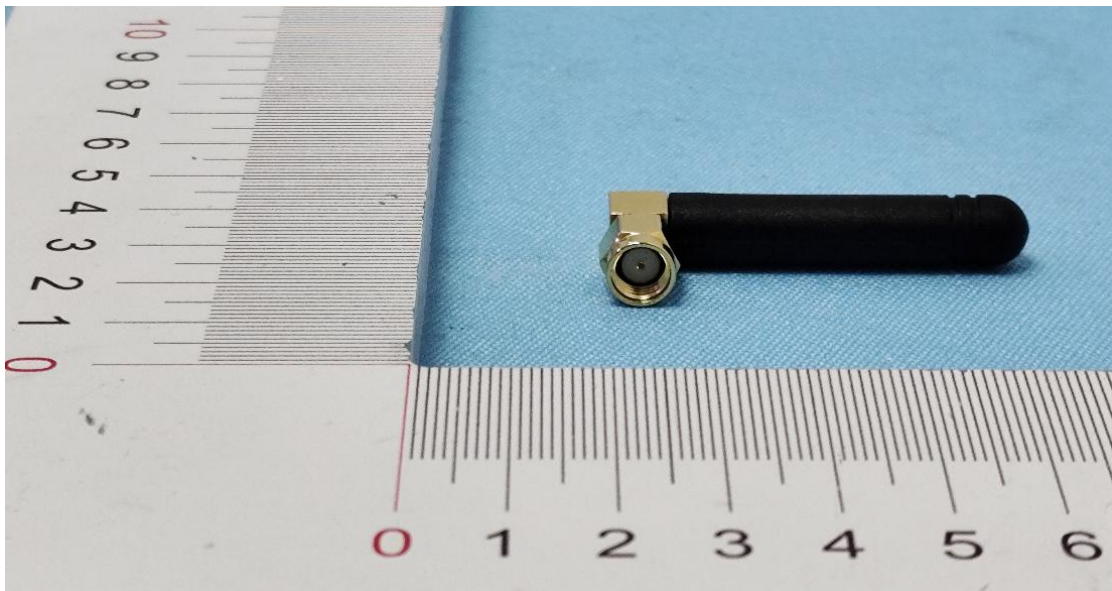


Antenna Description

Market name/Model name	2.4G ANT
Manufacture	Tengxiang Technology Inc.
Address	No. 53, Shatong Road, Shatou Area, Changan Town, Dongguan City, Guangdong Province, China
Antenna Max. Gain	2.43dBi
Frequency Range	2400.0-2480.0MHz

1. Picture of antenna



2. Antenna Radiation Pattern

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-1.27	-1.06	-1.03	-0.96	-0.90	-0.94	-1.22	-1.21	-1.42	-1.39	-1.35
Gain (dBi)	1.97	2.30	2.36	2.42	2.43	2.36	2.03	2.00	1.97	2.18	2.35
Efficiency (%)	74.56	78.32	78.85	77.10	76.22	77.56	75.43	75.66	72.10	72.63	73.32
Directivity (dB)	3.24	3.36	3.39	3.38	3.34	3.30	3.25	3.21	3.39	3.57	3.70
Peak Gain Position (Theta)	88.00	87.00	89.00	92.00	92.00	109.00	109.00	82.00	81.00	81.00	81.00
Peak Gain Position (Phi)	180.00	180.00	180.00	150.00	150.00	180.00	180.00	180.00	180.00	180.00	180.00
Efficiency ThetaPol (%)	63.65	66.75	67.16	68.36	69.01	68.13	63.74	63.45	60.11	60.65	61.09
Efficiency PhiPol (%)	10.91	11.57	11.69	11.74	12.21	12.43	11.68	12.21	11.98	11.98	12.24
Upper Hem. Efficiency (%)	32.55	33.75	34.16	35.23	36.06	35.97	33.58	33.23	31.20	31.05	31.11
Lower Hem. Efficiency (%)	42.01	44.57	44.70	44.87	45.16	44.59	41.85	42.43	40.90	41.58	42.21

2440.0MHz H+V, Eff: 81.2%

Back View

