

Antenna Specification for Approval

CustomerName: Shenzhen moyang technology co., ltd

ProductName: 2.4G antenna with a total length of 22mm

ProductName:

Part NO.: C10-35-2.5

WriteBy:

Date:

IssuedDate: 2021-10-08

client:

R& D Dept	Business Dept	Approved By

R& D Dept	Engineer Dept	Approval
Zhuangcaihong	Zhuangjiebin	Zhuangjiebin



Product Specification

A. ElectricalCharacteristics Frequency

2400MHz

~2500MHz VSWR<3.0

Efficiency >30%

Impedance 50

Ohm Polarization

Line Gain

0.17DBi

B. Material & MechanicalCharacteristics

Material of Radiator Cu

Cable Type 1.0 19P 红

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80

°CStorage Temperature - 30 °C~+ 85 °

C

Test Equipment & Conditions

1. NetworkAnalyzers:

Agilent 8753D 5071C

2. Communications TestSet:

Agilent E5525C

3. 3D Chamber TestSystem

Efficiency& Gain

Efficiency& Gain

2.40 - 0.00

2.440 - 0. 11

2.48 - 0. 13

Passive Test									
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	Attenuat Hor
2400	52.5	-2.8	0.17	-0.38	33.79	18.711	1.77	-16.22	48.09
2410	52.19	-2.82	0.05	-0.5	33.644	18.548	1.65	-15.92	48.07
2420	51.69	-2.87	0.05	-0.65	33.325	18.362	1.5	-15.32	48.18
2430	50.49	-2.97	0.03	-0.82	32.605	17.886	1.33	-15.32	48.17
2440	52.25	-2.82	0.09	-0.82	33.893	18.354	1.49	-15.44	48.33
2450	54.16	-2.66	0.04	-0.51	35.564	18.592	1.64	-15.72	48.44
2460	53.18	-2.74	0.03	-0.62	35.419	17.761	1.53	-16.88	48.41
2470	53.35	-2.73	0.01	-0.64	35.958	17.389	1.51	-17.44	48.49
2480	54.2	-2.66	0.05	-0.65	36.806	17.391	1.5	-16.88	48.63
2490	54.75	-2.62	0.03	-0.72	37.292	17.459	1.43	-16.87	48.76
2500	51.65	-2.87	0.1	-1.15	35.181	16.467	1	-17.68	48.69

