

Product specification

Quick Reference Date

Model	Antenna module on the system board
Frequenc Range	2400 ~ 2500MHz
Efficiency (dB)	70%
Gain (dBi)	1.54
Input Impedence(ohm)	50
Polarization Type	Vertical & Horizontal
VSW	< 2

Antenna Layout & module on the system board

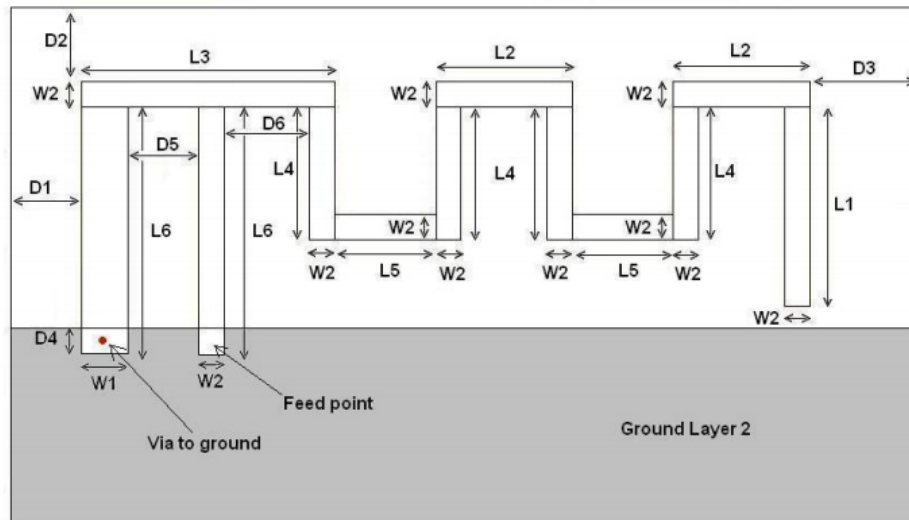


Figure 3: Antenna Dimensions

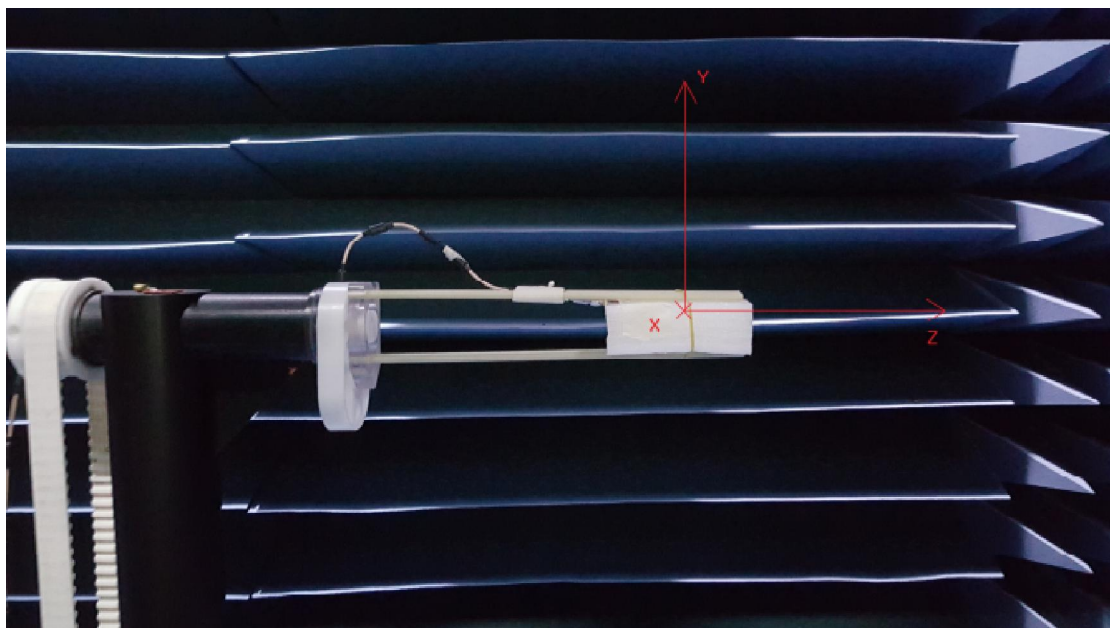
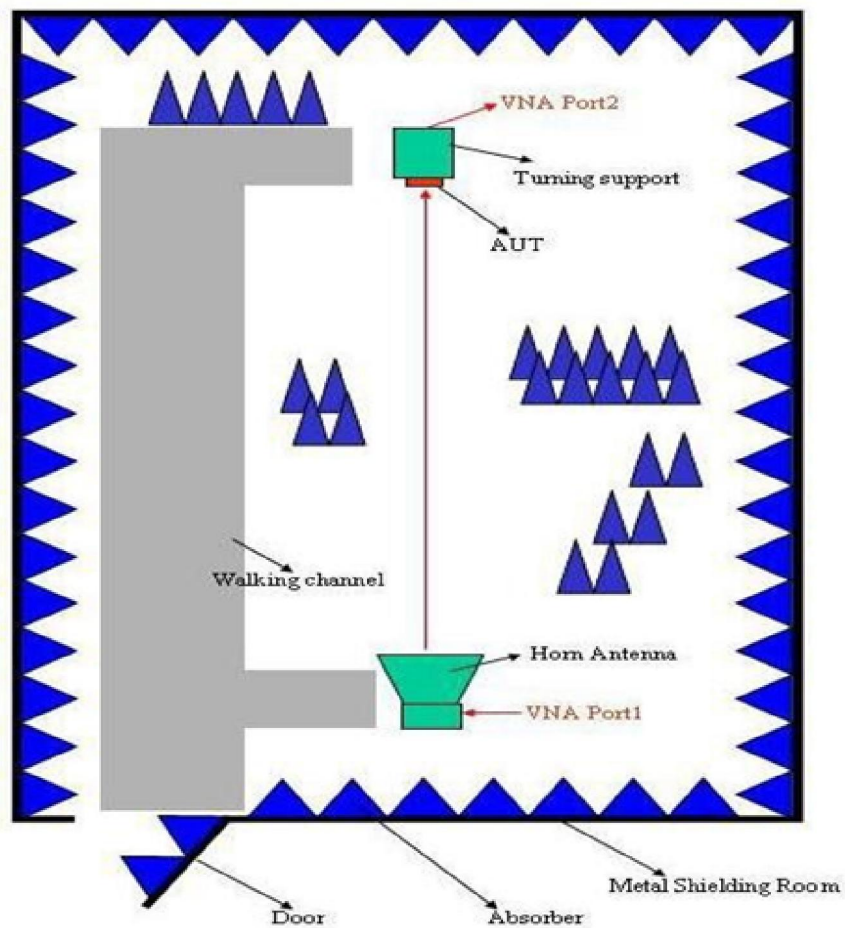
L1	3.94 mm
L2	2.70 mm
L3	5.00 mm
L4	2.64 mm
L5	2.00 mm
L6	4.90 mm
W1	0.90 mm
W2	0.50 mm
D1	0.50 mm
D2	0.30 mm
D3	0.30 mm
D4	0.50 mm
D5	1.40mm
D6	1.70 mm

Table 1: Antenna Dimensions

Antenna Gain

Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
2402	-1.53	70.34	1.31
2405	-1.52	70.51	1.33
2410	-1.49	71.01	1.33
2415	-1.50	70.82	1.32
2420	-1.46	71.47	1.41
2425	-1.45	71.57	1.37
2430	-1.43	71.89	1.39
2435	-1.44	71.70	1.34
2440	-1.40	72.38	1.47
2441	-1.40	72.44	1.51
2445	-1.40	72.42	1.44
2450	-1.41	72.27	1.50
2455	-1.45	71.60	1.53
2460	-1.44	71.82	1.51
2465	-1.50	70.76	1.54
2470	-1.56	69.76	1.48
2475	-1.59	69.35	1.46
2480	-1.67	68.13	1.47

The Environment of Antenna Radiation Pattern



3D radiation pattern diagram

