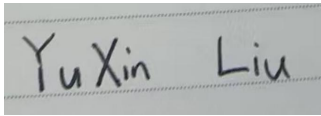


MDP1311 Antenna Product Specification

Entry Name	MDP1311
Frequency Channel	WiFi_2.4G&5G&6G BT
Supplier Name	Huizhou Speed Wireless Technology Co.,Ltd. Stock
Address	Huizhou Speed Wireless Technology Co.,Ltd. Stock
Test equipment	RayZone 2800(Active)/ETS AMS8500 (Passive)
Test software	GTS/ETS
Cal. Date	February 10, 2026
Due Date	February 10, 2027
Test engineer	



1. Type of Antenna:

ANT1: IFA (metal Ring)

ANT2: Monopole (metal Ring)

ANT3: IFA (metal Ring)

ANT1 & ANT2 & ANT3:

The frame is made of metal, and there is no separate physical antenna

2. Efficiency and Gain**WIFI Efficiency and Gain**

WiFi:

ANT1: -1.03dBi @2.4G;

ANT2: -1.62dBi @5G; -0.39dBi @6G;

ANT3: -1.24dBi @2.4G; -0.48dBi @5G; 0.6dBi @6G

ANT2_5G:

Fre (MHZ)	Peak Gain	AVG Gain
Band1	-2.69	-2.76
Band2	-2.89	-3.18
Band3	-3.13	-3.58
Band4	-1.62	-2.27

ANT3_5G:

Fre (MHZ)	Peak Gain	AVG Gain
Band1	-0.48	-0.93
Band2	-1.65	-1.92
Band3	-1.81	-2.02
Band4	-2.17	-2.57

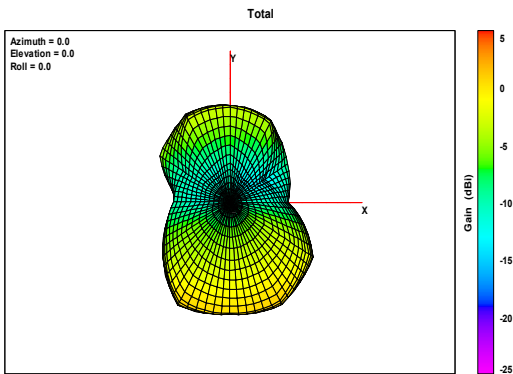
BT:

ANT3: -1.24dBi @2.4G.

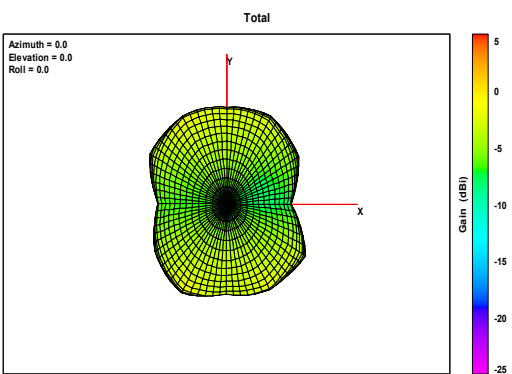
3. 3D Directional Pattern

ANT 1

2400 MHZ

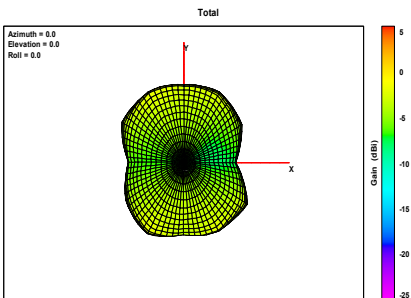


2500MHZ

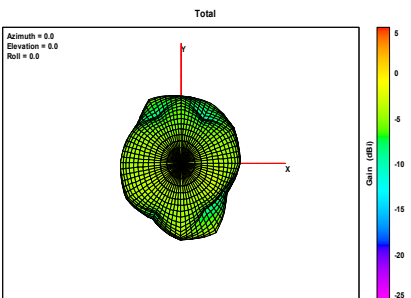


ANT 2

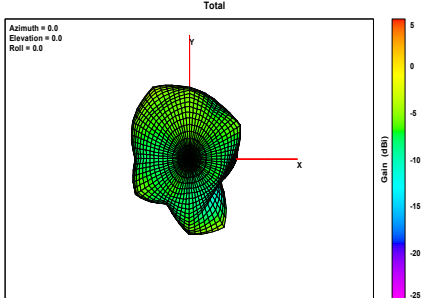
5150 MHZ



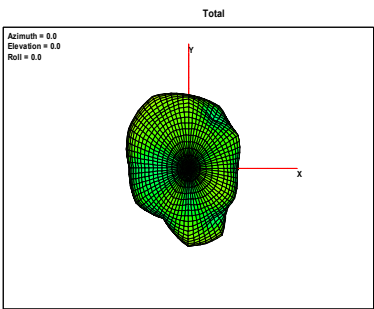
5500MHZ



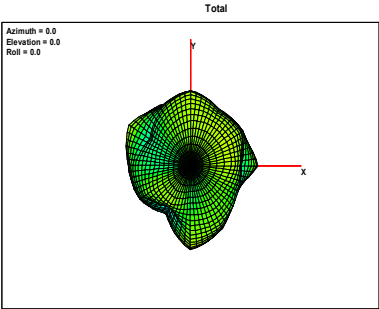
5850MHZ



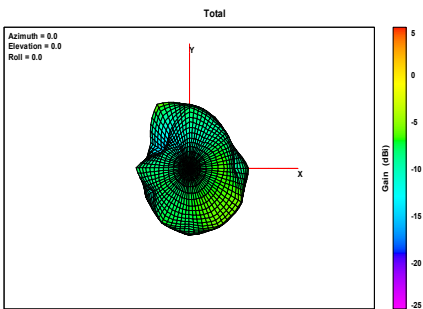
5925 MHZ



6500MHZ

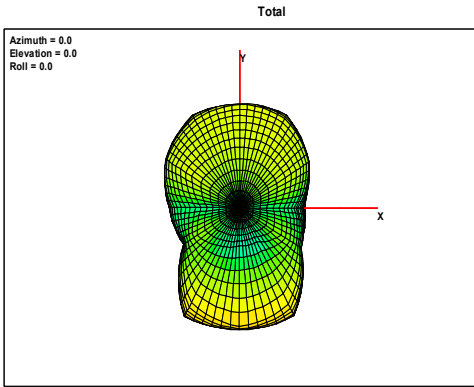


7150MHZ

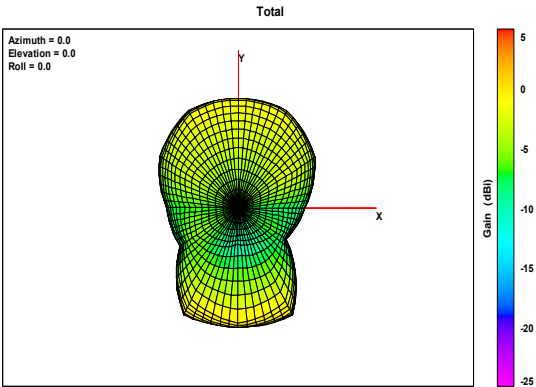


ANT 3

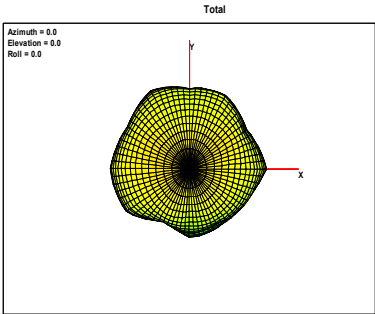
2400 MHZ



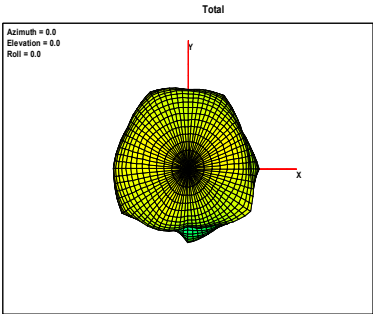
2500MHZ



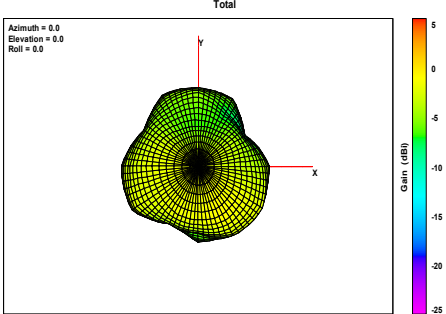
5150 MHZ



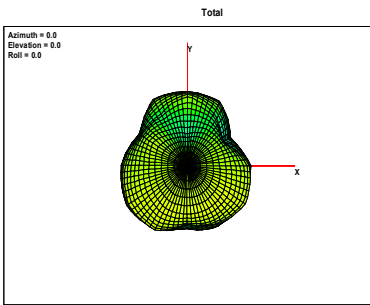
5500MHZ



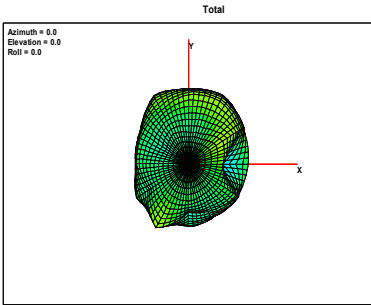
5850MHZ



5925 MHZ



6500MHZ



7150MHZ

