

NT3 Antenna

1575.42MHZ and 2400-2500MHZ



Features & Applications:

 WIFI 2400-2500MHZ

 GPS 1176MHZ/1575.42MHZ

ELECTRICAL SPECIFICATIONS @ 25°C

General Specifications

Antenna type	Nominal Impedance	Polarization	Radiation pattern
metal antenna	50Ω	Right-handed polarization	Omni

Frequency (MHz)	1176MHZ,1575.42MHz, 2400-2500 MHz
Return Loss	<-5dB
Efficiency (%) (pasted on non-metal)	1575.42MHz band: 5% 1575.42MHz band: 7% 2400-2500MHz band: 7%

Brand:	佳禾	Model:	NT3
Manufacturer:	Pulse (Suzhou) Wireless Products Co., Ltd		
Manufacturer address:	No.99 Huo Ju Road, Suzhou New District Jiangsu Province, China 215009		

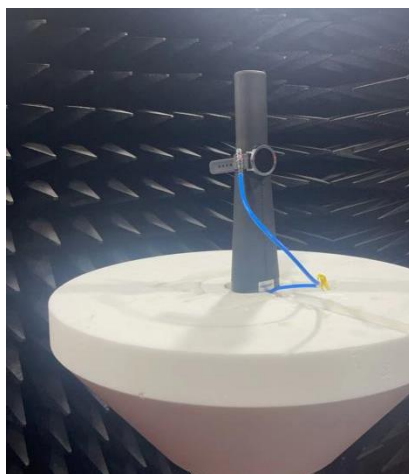
ENVIRONMENTAL SPECIFICATIONS

NT3

Storage Temperature	Operating Temperature	Ingress Protection	RoHS Compliant
-40/+85° C	-40/+85° C	N/A	Yes

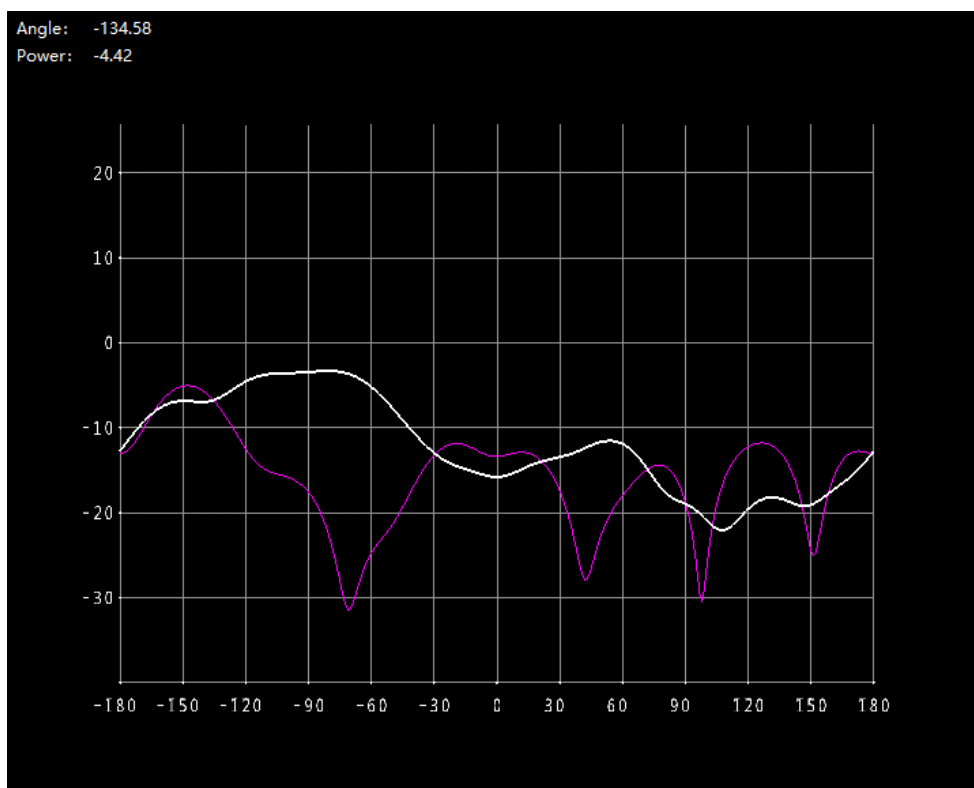
Test setup

NT3



Charts- Antenna Return loss

NT3



Charts – Efficiency & Peak Gain

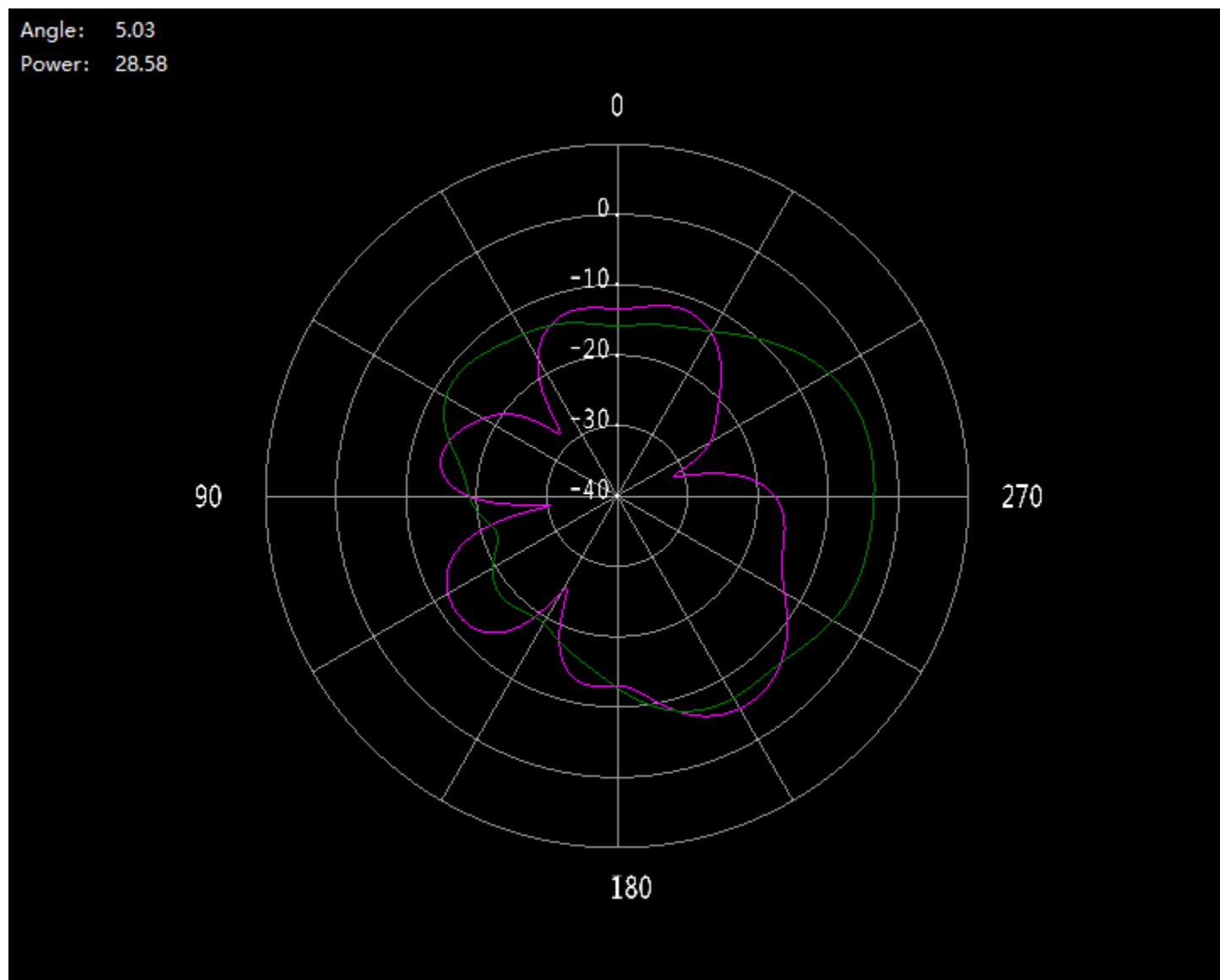
NT3

频率 (Mhz)	增益(dB)	效率(dB)	效率(%)
1165	-5.56	-12.01	6.5
1170	-5.75	-12.21	6.3
1175	-5.88	-12.32	6.1
1180	-6.11	-12.45	5.8
1495	-5.79	-12.28	6.2
1510	-5.82	-12.22	6.2
1525	-5.86	-12.20	6.2
1540	-5.67	-12.19	6.3
1555	-5.45	-11.98	6.5
1570	-5.23	-11.65	6.8
1585	-5.17	-11.43	7.1
1600	-4.93	-11.24	7.3
1615	-4.78	-11.13	7.5
1630	-4.59	-11.08	7.6
1645	-4.67	-11.19	7.4
1660	-4.77	-11.38	7.2
1675	-5.14	-11.64	6.9
1690	-5.45	-11.87	6.6
2400	-6.25	-12.22	6
2410	-6.4	-12.33	5.85
2420	-6.62	-12.51	5.61
2430	-6.88	-12.72	5.35
2440	-7.09	-12.89	5.14
2450	-7.26	-13.05	4.96
2460	-7.44	-13.24	4.74
2470	-7.56	-13.44	4.53
2480	-7.65	-13.63	4.34

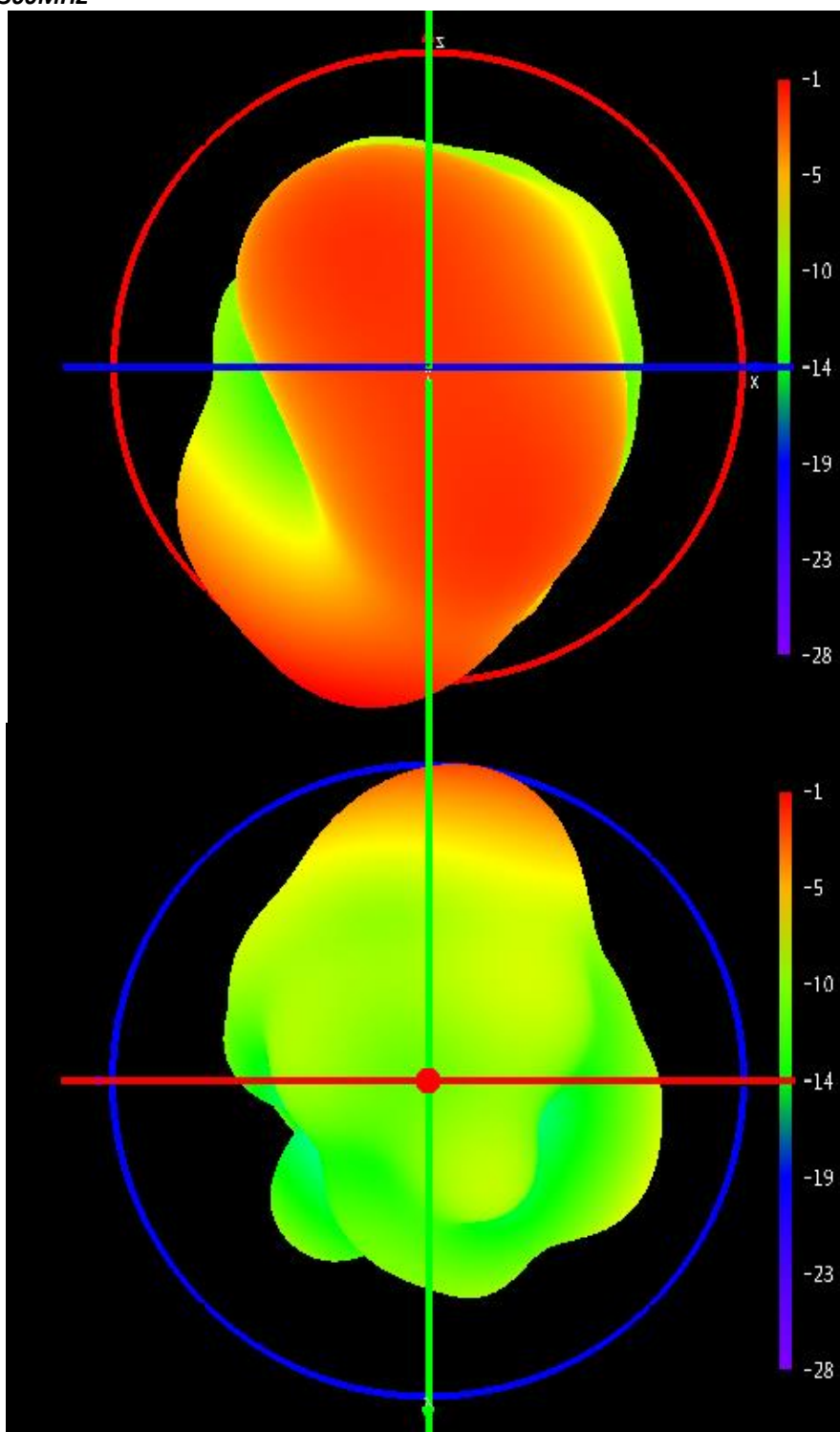
Charts – Antenna Radiation Gain Pattern

NT3

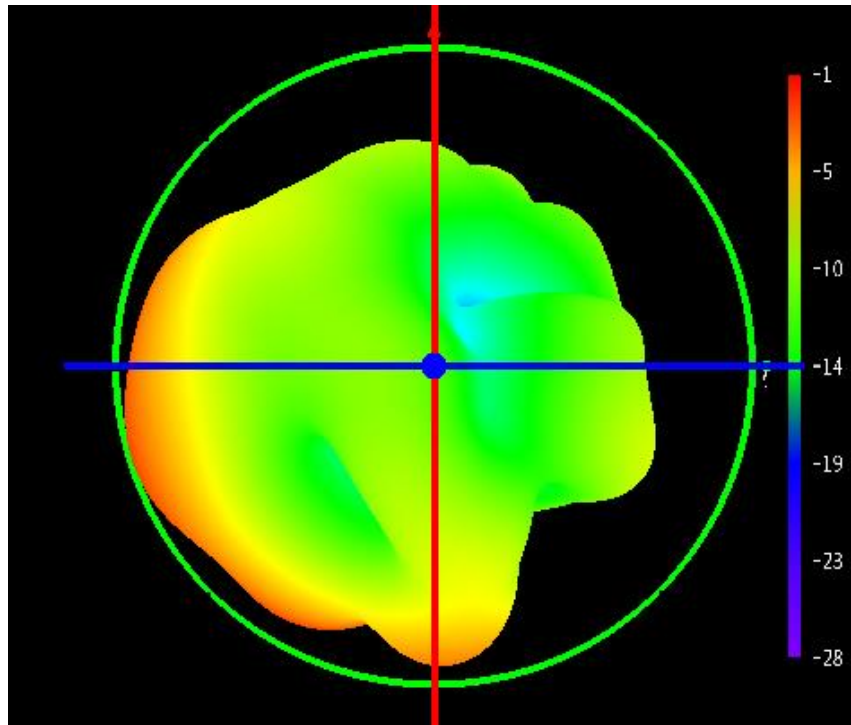
1575MHz



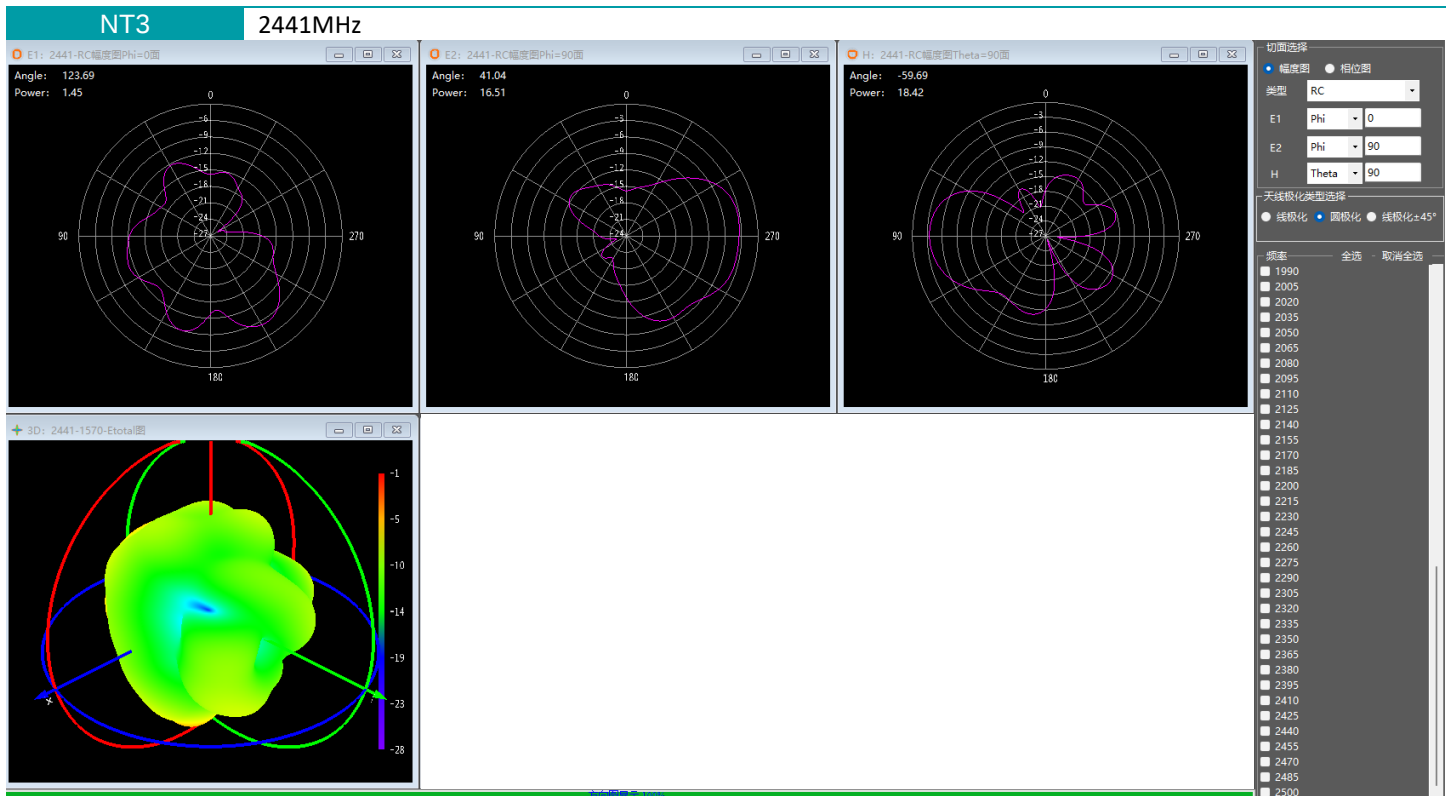
1575.42MHZ and 2400-2500MHZ



1575.42MHZ and 2400-2500MHZ



Charts – Antenna Radiation Gain Pattern



-END-