

[Antenna Information]

[2.4GHz PIFA Antenna]

Manufacturer Name: Nacon (HK) Limited

Address:

17/F, 148 Electric Road, North Point, Hong Kong.

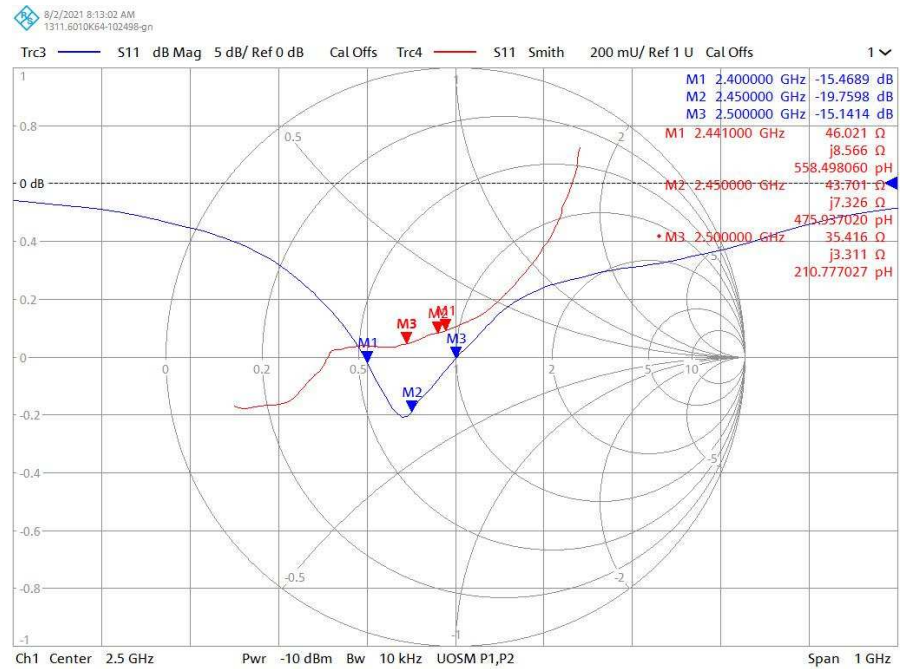
Ordering information:

Model Number	Antenna Description
600HS	2.4GHz PIFA Antenna

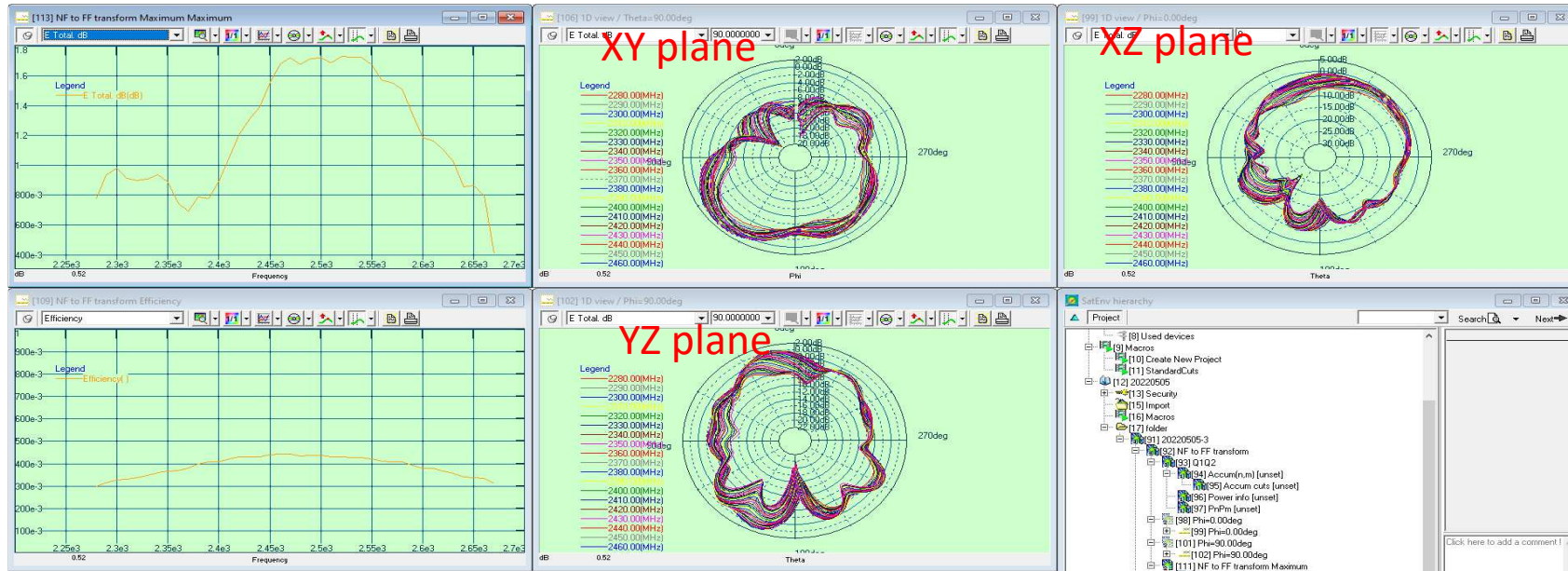
Specification:

Operation Frequency Range	2402-2480 MHz
Maximum Gain	1.72 dBi
Type	PIFA
Operation bandwidth	78MHz
Nominal Impedance	~50 ohms
Connectors	-
Dimensions	8×12 mm

PCBA S11 test



TX Dongle passive antenna test



TX Dongle passive antenna test

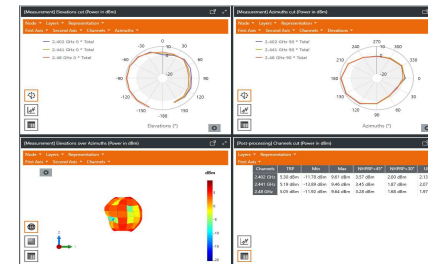
Frequency	Gain . dB		Frequency	Efficiency
2.28E+09	0.77763		2.28E+09	0.299856
2.29E+09	0.937304		2.29E+09	0.315981
2.3E+09	0.98181		2.3E+09	0.328623
2.31E+09	0.911985		2.31E+09	0.332133
2.32E+09	0.896382		2.32E+09	0.338008
2.33E+09	0.907598		2.33E+09	0.348793
2.34E+09	0.936829		2.34E+09	0.359681
2.35E+09	0.887435		2.35E+09	0.367317
2.36E+09	0.746221		2.36E+09	0.371204
2.37E+09	0.693116		2.37E+09	0.381005
2.38E+09	0.787199		2.38E+09	0.399803
2.39E+09	0.778842		2.39E+09	0.408047
2.4E+09	0.888597		2.4E+09	0.409756
2.41E+09	1.052973		2.41E+09	0.420407
2.42E+09	1.204419		2.42E+09	0.429603
2.43E+09	1.312011		2.43E+09	0.430803
2.44E+09	1.390434		2.44E+09	0.431418
2.45E+09	1.559556		2.45E+09	0.441216
2.46E+09	1.675962		2.46E+09	0.444738
2.47E+09	1.720286		2.47E+09	0.444075
2.48E+09	1.678038		2.48E+09	0.435303
2.49E+09	1.716262		2.49E+09	0.436411
2.5E+09	1.719036		2.5E+09	0.436654
2.51E+09	1.68844		2.51E+09	0.431099
2.52E+09	1.729468		2.52E+09	0.430638
2.53E+09	1.726558		2.53E+09	0.429023
2.54E+09	1.723765		2.54E+09	0.428446
2.55E+09	1.671184		2.55E+09	0.422619
2.56E+09	1.572591		2.56E+09	0.411563
2.57E+09	1.55346		2.57E+09	0.409851
2.58E+09	1.508273		2.58E+09	0.407195
2.59E+09	1.338278		2.59E+09	0.392293
2.6E+09	1.187718		2.6E+09	0.378557

TX Dongle TRP&TIS test

L-C滤波器暂未调试默认值

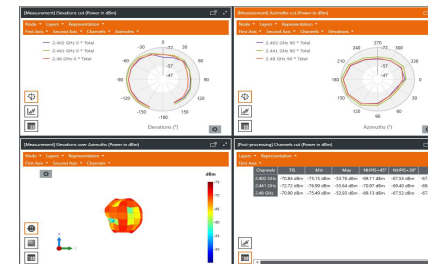
TRP

Channels	TRP	Min	Max	NHPRP+45	NHPRP+30	UHRP
2.402 GHz	5.3	-11.78	9.61	3.57	2	2.13
2.441 GHz	5.19	-13.89	9.46	3.45	1.87	2.07
2.48 GHz	5.05	-11.92	9.64	3.28	1.68	1.97



TIS

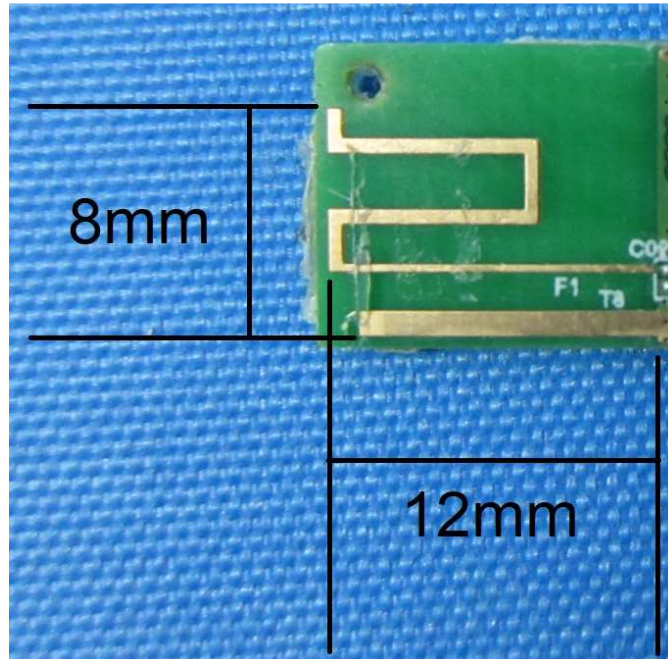
Channels	TIS	Min	Max	NHPIS+45	NHPIS+30	UHS
2.402 GHz	-70.84	-75.15	-53.76	-69.11	-67.54	-67.67
2.441 GHz	-72.72	-76.99	-53.64	-70.97	-69.4	-69.6
2.48 GHz	-70.9	-75.49	-53.93	-69.13	-67.53	-67.81



Equipment Photographs

Antenna Diagram

(Internal)



12mm

8mm