

[Antenna Information]

[2.4GHz PIFA Antenna]

Manufacturer Name: Nacon (HK) Limited

Address:

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

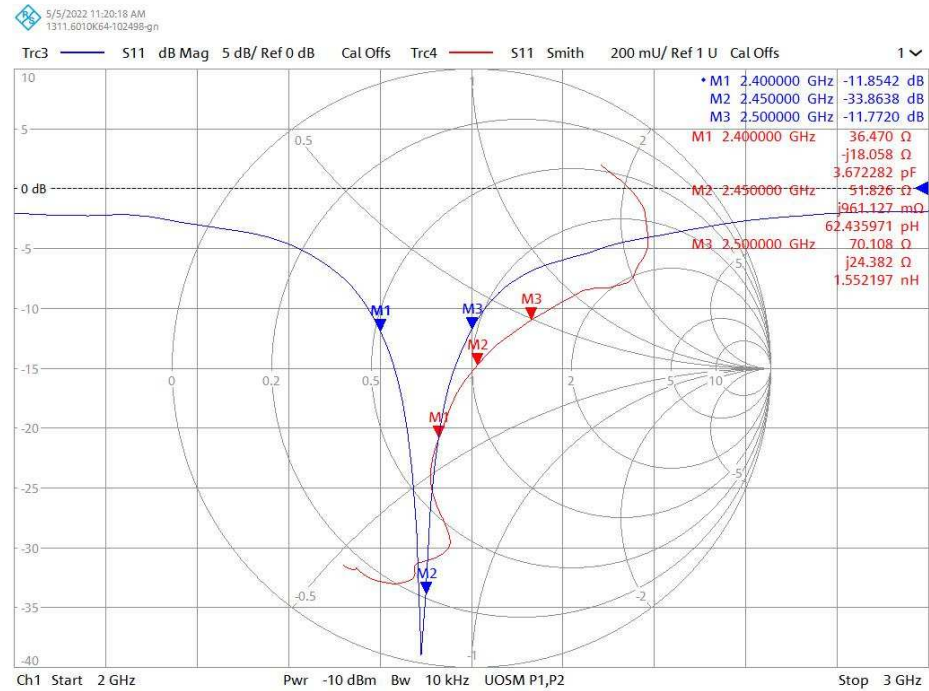
Ordering information:

Model Number	Antenna Description
RIG 600 PRO	2.4GHz PIFA Antenna

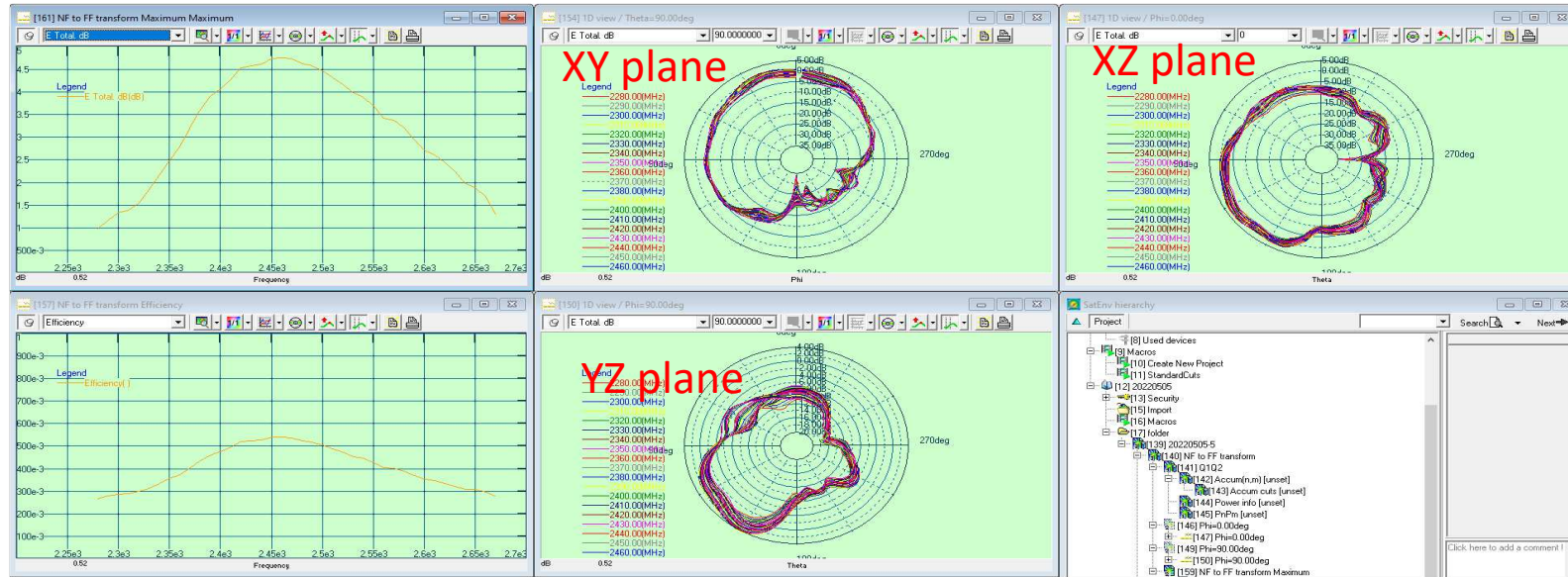
Specification:

Operation Frequency Range	2402-2480 MHz
Maximum Gain	4.75 dBi
Type	PIFA
Operation bandwidth	78MHz
Nominal Impedance	~50 ohms
Connectors	-
Dimensions	23×4.5 mm

PCBA S11 test



RX Headset passive antenna test



RX Headset passive antenna test

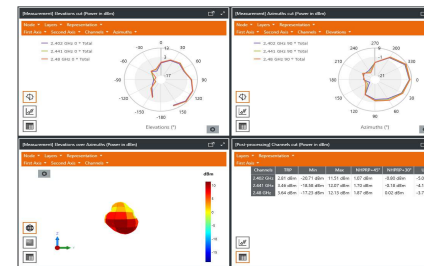
Frequency	Gain . dB		Frequency	Efficiency
2.28E+09	0.983006		2.28E+09	0.267364
2.29E+09	1.161397		2.29E+09	0.279354
2.3E+09	1.336888		2.3E+09	0.28774
2.31E+09	1.389928		2.31E+09	0.290081
2.32E+09	1.553952		2.32E+09	0.299022
2.33E+09	1.831426		2.33E+09	0.314031
2.34E+09	2.165		2.34E+09	0.336207
2.35E+09	2.482564		2.35E+09	0.355951
2.36E+09	2.80443		2.36E+09	0.374925
2.37E+09	3.189198		2.37E+09	0.402349
2.38E+09	3.582807		2.38E+09	0.43444
2.39E+09	3.909725		2.39E+09	0.460559
2.4E+09	4.061461		2.4E+09	0.474654
2.41E+09	4.268349		2.41E+09	0.495118
2.42E+09	4.527988		2.42E+09	0.521162
2.43E+09	4.579247		2.43E+09	0.524872
2.44E+09	4.599578		2.44E+09	0.52627
2.45E+09	4.734095		2.45E+09	0.540702
2.46E+09	4.749778		2.46E+09	0.541239
2.47E+09	4.731281		2.47E+09	0.538156
2.48E+09	4.623465		2.48E+09	0.523776
2.49E+09	4.56847		2.49E+09	0.516841
2.5E+09	4.466085		2.5E+09	0.504788
2.51E+09	4.324003		2.51E+09	0.488167
2.52E+09	4.15995		2.52E+09	0.47194
2.53E+09	3.988678		2.53E+09	0.454122
2.54E+09	3.888524		2.54E+09	0.447763
2.55E+09	3.689643		2.55E+09	0.429225
2.56E+09	3.42532		2.56E+09	0.406073
2.57E+09	3.378608		2.57E+09	0.402727
2.58E+09	3.20621		2.58E+09	0.389721
2.59E+09	2.940063		2.59E+09	0.368654
2.6E+09	2.7186		2.6E+09	0.352941

RX Headset TRP&TIS test

L-C滤波器暂未调试串0Ω

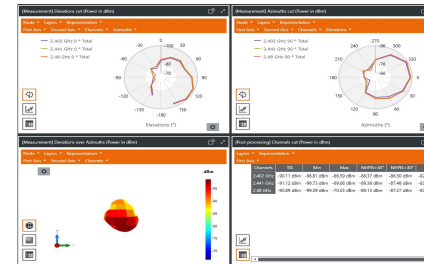
TRP

Channels	TRP	Min	Max	NHPRP+4 5	NHPRP+3 0	UHRP
2.402 GHz	2.81	-20.71	11.51	1.07	-0.8	-5.02
2.441 GHz	3.46	-18.58	12.07	1.7	-0.18	-4.15
2.48 GHz	3.64	-17.23	12.13	1.87	0.02	-3.73



TIS

Channels	TIS	Min	Max	NHPIS+4 5	NHPIS+3 0	UHS
2.402 GHz	-90.11	-98.81	-66.59	-88.37	-86.5	-82.28
2.441 GHz	-91.12	-99.73	-69.08	-89.36	-87.48	-83.51
2.48 GHz	-90.89	-99.39	-70.03	-89.13	-87.27	-83.52



Equipment Photographs

Antenna Diagram

(Internal)

