



DATASHEET

Part no : FPA3020-10A

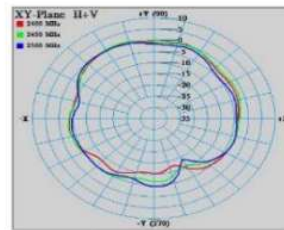
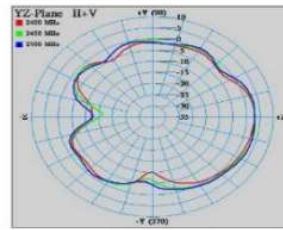
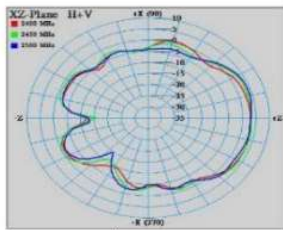
2.4GHz & 5GHz Antenna

Honeywell

THE POWER OF **CONNECTED**

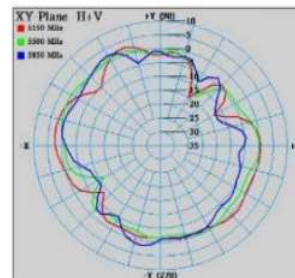
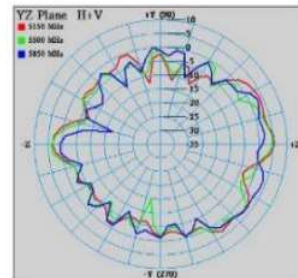
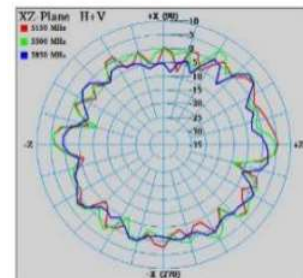
2.4GHz : Electrical Characteristics

Frequency [MHz]	ZX plane		ZY plane		XY plane	
	Max Value	Average	Max Value	Average	Max Value	Average
2400	3.62	-0.79	3.03	-1.32	0.39	-3.24
2450	3.76	-0.25	3.59	-0.49	0.75	-2.87
2500	4.23	-0.65	3.46	-0.39	0.07	-3.44



5GHz : Electrical Characteristics

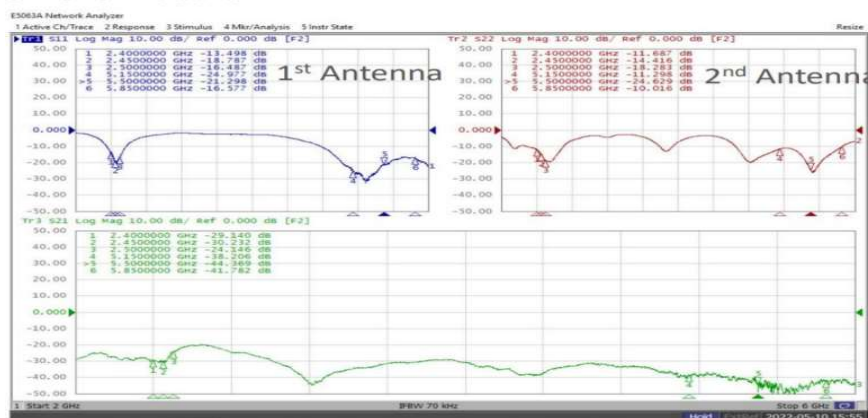
Frequency [MHz]	ZX plane		ZY plane		XY plane	
	Max Value	Average	Max Value	Average	Max Value	Average
5150	5.56	0.27	5.58	-0.30	2.74	-0.80
5500	5.28	0.61	4.94	-0.96	1.52	-1.33
5850	4.85	-0.84	4.08	-0.93	2.42	-2.22



Avg. Efficiency

	Ant	
	2G	5G
Maximum Efficiency (%)	70.98	72.74
Maximum Gain (dBi)	4.96	4.98

S Parameters



Part No. FPA3020 -10

Make : Primax

(**custom made for Honeywell)

2.4 GHz, 5 GHz

WLAN antennas deliver on the key needs of device designers for higher functionality and performance in smaller/thinner designs. These innovative antennas provide compelling advantages for a 2.4 GHz and 5.0 GHz enabled devices.

Optimized antenna size, performance and emissions, customer and regulatory specifications are more easily met.

Reliability

Products are the latest RoHS version compliant



Dimensions

30mm x 20.5mm



Note: Typical Performance using 100 mm cable

Reference Data from **PRIMAX**

Version 1.0
12/13/2022