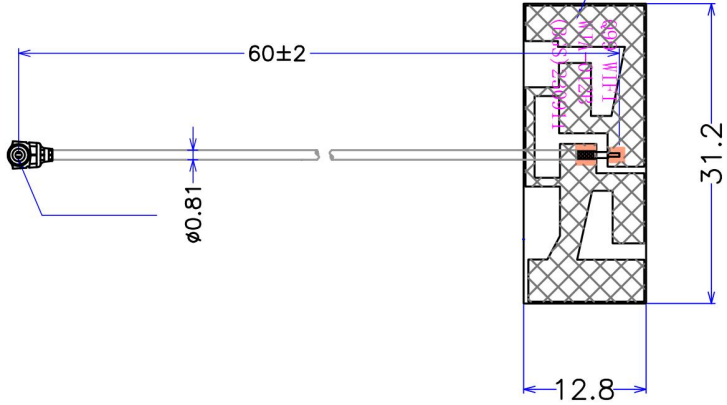


Antenna Test Report (WLAN OTA)

Antenna Model	WJA-012B
Material	FPC
RF cable type	RF0.81
Connector type	IPEX 2
Design Size	 units: mm
Manufacturer	Shenzhen bogesi communication technology Co.,Ltd

Antenna efficiency and gain/天线效率与增益

Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)
2400	52.87	1.25	5100	60.31	3.48	5520	52.12	2.48
2410	53.82	1.3	5120	63.14	3.45	5540	55.48	2.72
2420	56.76	1.3	5140	60.61	3.17	5560	52.47	2.11
2430	56.58	1.32	5160	60.76	2.92	5580	51.39	2.04
2440	54.39	1.2	5180	60.28	2.66	5600	51.68	2.32
2450	53.35	1.12	5200	59.87	2.55	5620	51.65	2.22
2460	55.8	1.23	5220	57.66	2.39	5640	50.55	2.09
2470	56.78	1.19	5240	58.56	2.56	5660	51.38	2.52
2480	56.37	1.07	5260	55.43	2.4	5680	52.81	2.8
2490	54.17	0.99	5280	56.53	2.34	5700	52.73	2.94
2500	52.43	0.55	5300	55.23	2.02	5720	52.93	3.09
			5320	52.18	1.64	5740	55.75	3.36
			5340	52.36	1.65	5760	55.92	3.43
			5360	54.9	1.83	5780	51.49	3.03
			5380	54.72	1.8	5800	58.48	3.66
			5400	53.29	1.81	5820	56.94	3.22
			5420	56.91	2.22	5840	52.91	2.82
			5440	50.46	1.98	5860	56.26	2.99
			5460	50.84	2.14	5880	52.88	2.52
			5480	53.08	2.47	5900	50.54	2.18
			5500	52.03	2.12			

Directional diagram/方向图

