

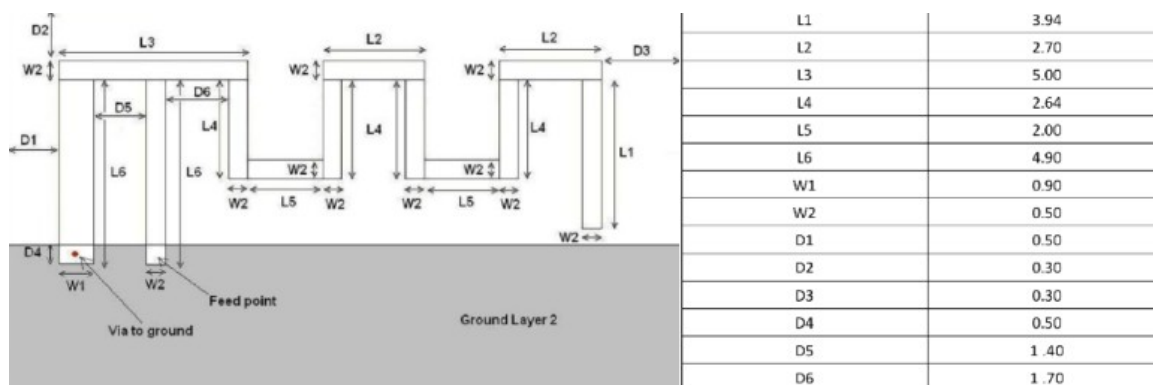
Categories	Items	Specifications
Test	Reliability	HTOL/HTSL/uHAST/TCT/ESD
Wi-Fi	Protocols	802.11 b/g/n20/n40
		A-MPDU and A-MSDU aggregation and 0.4 s guard interval support
Bluetooth	Protocols	Bluetooth v4.2 BR/EDR
	Radio	NZIF receiver with –97 dBm sensitivity
		Class-1, class-2 and class-3 transmitter
		AFH
	Audio	CVSD and SBC
Antenna type		PCB
Antenna gain		3.40dBi
Hardware	On-chip sensor	Hall sensor
	Integrated crystal	40 MHz crystal
	Integrated SPI flash	4 MB
	Integrated PSRAM	-
	Operating voltage/Power supply	3.0 V ~ 3.6 V
	Minimum current delivered by power supply	500 mA
	Recommended operating temperature range	–40 °C ~ 85 °C
	Package size	(18.00±0.10) mm × (31.40±0.10) mm × (3.30±0.10) mm
	Moisture sensitivity level (MSL)	Level 3

Assembly: PTH

Gain:

Model	Test item	Test state	Frequency (MHz)	Efficiency (%)	Gain(dB)
ESP-ANT	Gain	Free Space	2400	73.79	2.39
			2410	77.04	2.97
			2420	79.83	2.80
			2430	80.54	3.04
			2440	76.17	2.99
			2450	72.00	2.80
			2460	71.31	2.94
			2470	71.32	3.12
			2480	72.03	3.28
			2490	72.71	3.24
			2500	75.42	3.40

Dimensions:



Pattern Plots:

