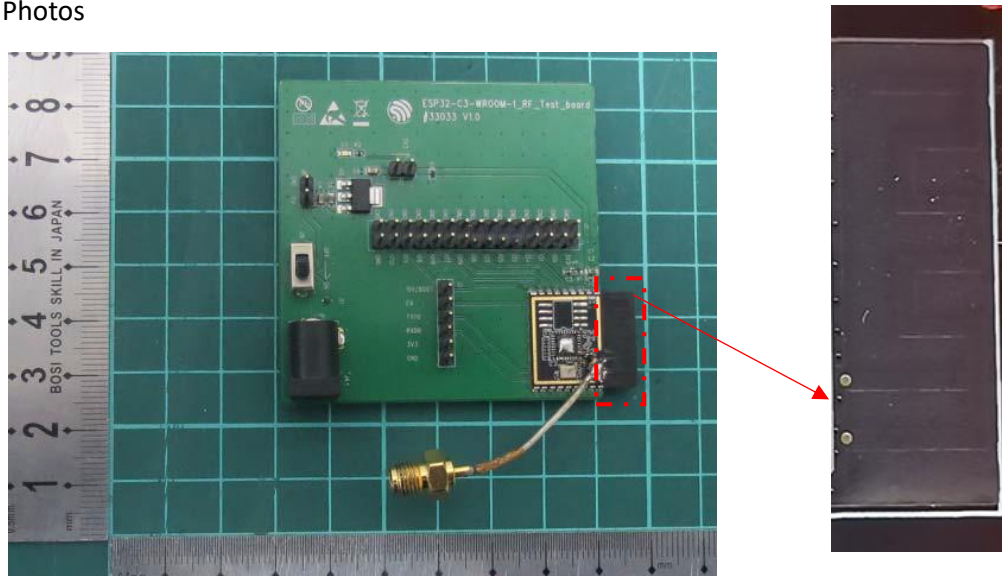


Specification For Approval

Client:	Honeywell (Beijing) Technology Solutions Labs Co., Ltd. A1 Building, C&W Industry Zone, No.14 Jiuxianqiao Road, Chaoyang District, 100015, Beijing, P.R. China
Supplier	Espressif System (Shanghai) Co.,Ltd Suite 204 Block 2, 690 Bibo Road, Zhang Jiang Hi-Tech Park, Shanghai, China
Antenna Type:	PCB Antenna

Photos



Gain and Efficiency

Test State	Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Directivity (dBi)	Note
Free Space	2402	-1.98	63.44	2.73	4.70	15°
	2407	-1.76	66.66	2.73	4.50	
	2412	-1.70	67.68	3.16	4.85	
	2417	-1.60	69.11	2.92	4.53	
	2422	-1.61	68.95	2.79	4.41	
	2427	-1.77	66.48	2.29	4.06	
	2432	-1.83	65.54	2.54	4.37	
	2437	-1.73	67.21	2.46	4.19	
	2442	-1.77	66.46	2.56	4.34	
	2447	-1.79	66.25	2.69	4.48	
	2452	-1.75	66.81	2.95	4.70	
	2457	-1.76	66.73	2.96	4.71	
	2462	-1.68	67.91	2.99	4.67	
	2467	-1.95	63.90	3.17	5.11	
	2472	-2.07	62.14	3.08	5.14	
	2477	-1.87	65.00	3.18	5.05	
	2482	-1.94	63.96	3.26	5.20	
	2487	-1.98	63.35	3.37	5.35	
	2492	-1.82	65.80	3.35	5.17	
	2497	-1.72	67.34	3.17	4.88	
	2502	-1.75	66.79	3.18	4.94	

3-D Pattern Plots

