

Antenna Acknowledgment Form

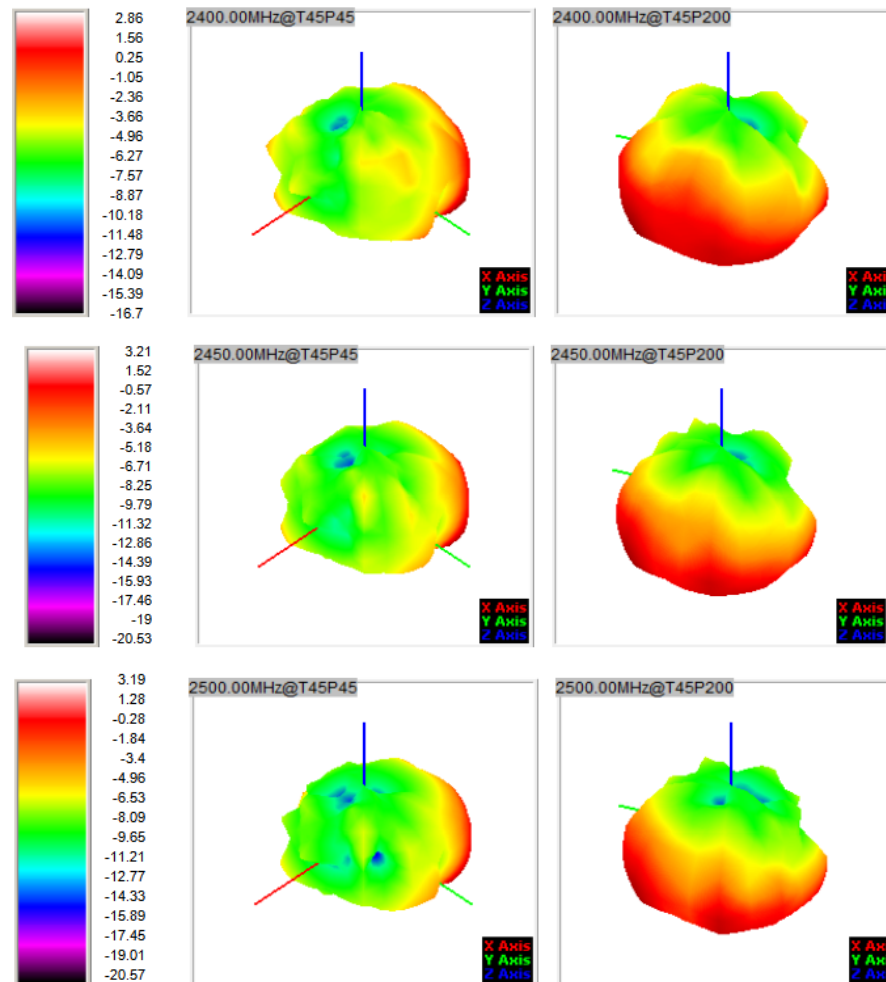
Manufacturer	Shenzhen Yunzhi Shang Technology Co., Ltd.		
Specification description			
	Product Contents	Specification	Customer Material Code
Specification description	WiFi Antenna 1	FPC/Black/Character JSC-30R001D + First-generation terminal 1.13*450mm	
Change resume			
Serial Number	Date	Version	Summary of Changes
1	2025-12-17	V1.0	New project
2			
3			

2400MHz~2500MHz+ 550MHz~5800MHz Antenna gain efficiency

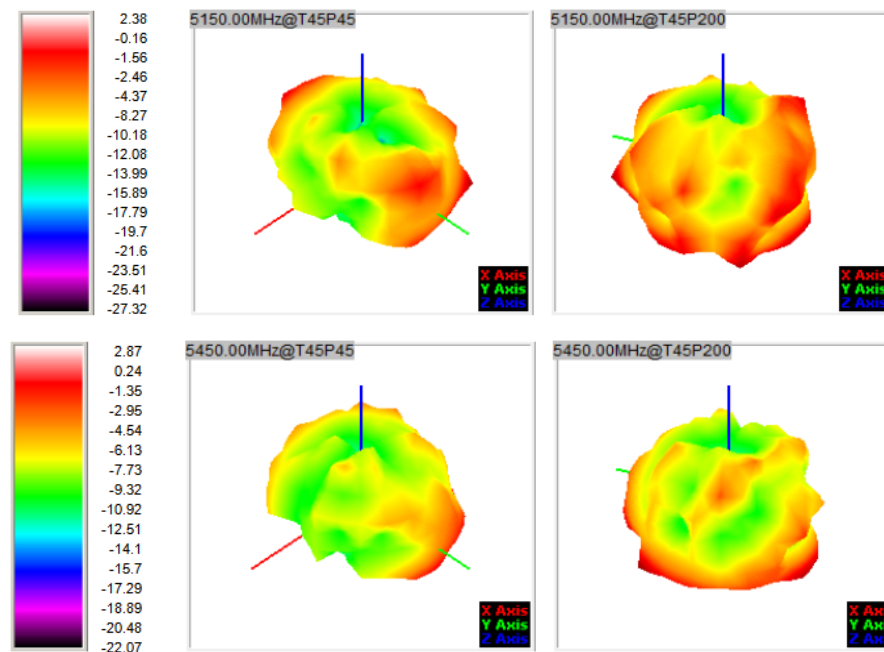
FETUKEJI											
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Point Values											
Ant. Port Input Pwr. (dBm)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-3.67	-3.37	-3.54	-3.43	-4.13	-4.04	-3.97	-3.82	-4.36	-3.88	-3.71
Peak EIRP (dBm)	2.86	3.11	2.82	2.93	2.22	2.50	2.69	2.92	2.15	2.84	3.19
Directivity (dBi)	6.55	6.59	6.46	6.46	6.54	6.74	6.66	6.74	6.81	6.72	6.90
Efficiency (dB)	-3.69	-3.47	-3.64	-3.53	-4.33	-4.24	-3.97	-3.82	-4.66	-3.88	-3.71
Efficiency (%)	42.80	44.90	43.20	44.30	45.90	46.60	40.10	41.50	34.20	40.90	42.50
Gain (dBi)	2.86	2.87	2.82	2.93	3.12	3.21	2.89	2.72	2.15	2.34	3.19
NHPRP $\pm$ Pi/4 (dBm)	-4.24	-4.02	-4.19	-4.07	-4.86	-4.78	-4.49	-4.33	-5.16	-4.38	-4.19
NHPRP $\pm$ Pi/6 (dBm)	-5.32	-5.08	-5.25	-5.12	-5.93	-5.82	-5.55	-5.36	-6.19	-5.40	-5.20
NHPRP $\pm$ Pi/8 (dBm)	-6.25	-6.01	-6.19	-6.04	-6.88	-6.76	-6.50	-6.29	-7.11	-6.31	-6.08
Upper Hem. PRP (dBm)	-7.82	-7.77	-7.86	-7.80	-8.70	-8.69	-8.49	-8.39	-9.25	-8.26	-8.15
Lower Hem. PRP (dBm)	-5.81	-5.49	-5.71	-5.57	-6.31	-6.18	-5.85	-5.69	-6.52	-5.85	-5.65
Upper Hem. PRP (%)	16.54	16.70	16.37	16.60	13.50	13.52	14.15	14.49	11.88	14.92	15.32
Lower Hem. PRP (%)	26.23	28.23	26.87	27.74	23.41	24.11	25.98	27.00	22.30	26.01	27.21

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
5150.0	5200.0	5250.0	5300.0	5350.0	5400.0	5450.0	5500.0	5550.0	5600.0	5650.0	5700.0	5750.0	5800.0	5850.0
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-4.08	-4.16	-4.74	-3.85	-4.64	-4.03	-3.89	-3.84	-3.54	-3.97	-3.36	-3.73	-4.31	-4.36	-4.09
1.25	1.25	1.77	3.01	1.84	1.18	3.76	3.85	4.32	3.66	4.39	2.94	2.04	1.70	2.07
6.33	6.41	6.51	6.85	6.47	6.21	7.66	7.69	7.86	7.62	7.75	6.67	6.34	6.06	6.16
-5.08	-5.16	-4.74	-3.85	-4.64	-5.03	-3.89	-3.84	-3.54	-3.97	-3.36	-3.73	-4.31	-4.36	-4.09
37.35	36.83	35.60	34.30	34.40	35.40	38.80	37.30	37.30	40.10	40.20	42.40	37.10	36.60	39.00
2.38	1.25	1.77	2.01	1.84	2.18	2.87	2.25	2.32	2.66	3.09	3.12	2.04	1.70	2.07
-5.85	-5.98	-5.57	-4.66	-5.64	-6.15	-4.86	-4.88	-4.60	-4.98	-4.35	-4.76	-5.41	-5.51	-5.25
-7.22	-7.37	-6.91	-5.90	-7.01	-7.55	-6.01	-6.11	-5.88	-6.19	-5.46	-5.89	-6.63	-6.80	-6.59
-8.40	-8.60	-8.07	-6.91	-8.09	-8.67	-6.92	-7.09	-6.89	-7.13	-6.32	-6.74	-7.51	-7.74	-7.54
-7.81	-7.93	-7.55	-7.06	-7.47	-7.81	-7.39	-7.11	-7.05	-7.18	-6.96	-7.20	-7.37	-7.38	-7.19
-8.40	-8.43	-7.96	-6.66	-7.83	-8.28	-6.47	-6.60	-6.10	-6.78	-5.84	-6.32	-7.27	-7.36	-7.01
16.58	16.12	17.59	19.69	17.90	16.56	18.25	19.45	19.72	19.15	20.12	19.04	18.34	18.29	19.11
14.44	14.36	15.98	21.56	16.48	14.85	22.55	21.88	24.55	20.97	26.06	23.36	18.74	18.36	19.90

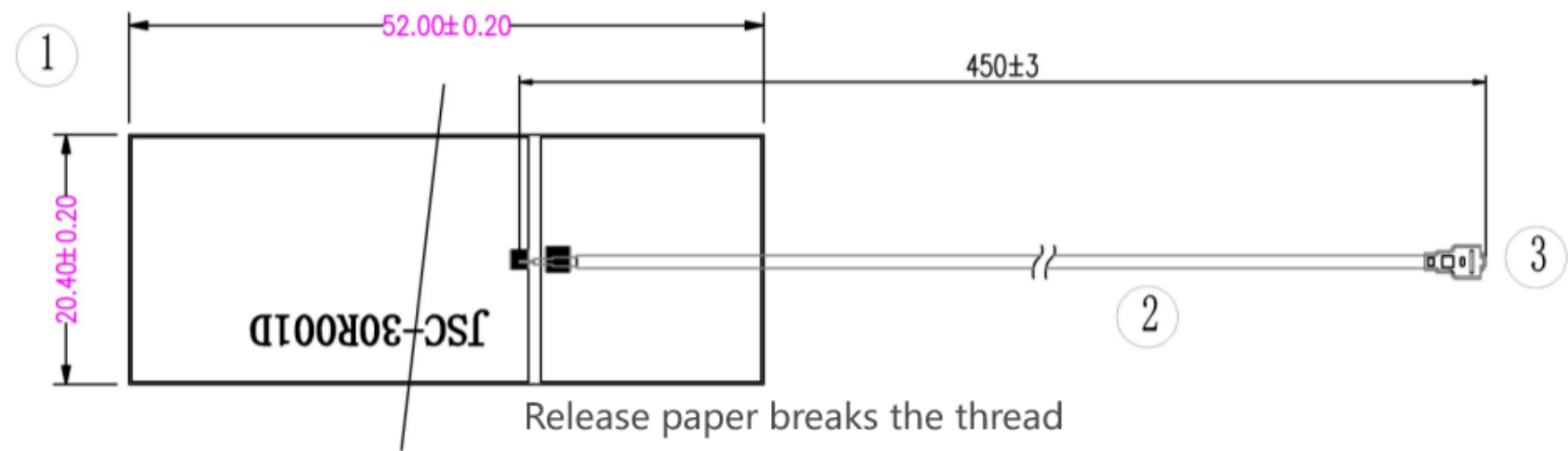
22400MHz~2500MHz+ 550MHz~5800MHz Antenna Apple Diagram



Contact person: Wang Zhiqiang Contact information: 1376015396 Tel: 0755-21633653 Fax: 0755-216335411
Shenzhen Bao'an District Hangcheng Street Sanwei Community, Aviation Road, Huafeng Zhiguo - Hangcheng High-tech Industrial Park, Building A, 4th Floor, Room 425 and 443



Engineering drawing



Serial number	Part name	Specification	Dosage	Material
1	FPC	One and a half pieces of material, 9471 adhesive backing, black oil	1	Piki Village + electrolytic copper
2	Semi-finished wire	Black Diameter 1.13 coaxial, Black	1	Double tin wire
3	Terminal	That is, the first generation: gold-plated	1	Phosphor copper

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