

SHENZHEN JUNYU COMMUNICATION EQUIPEMT CO.,LTD

Antenna comprehensive test report

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2022/10/22

2022/10/24

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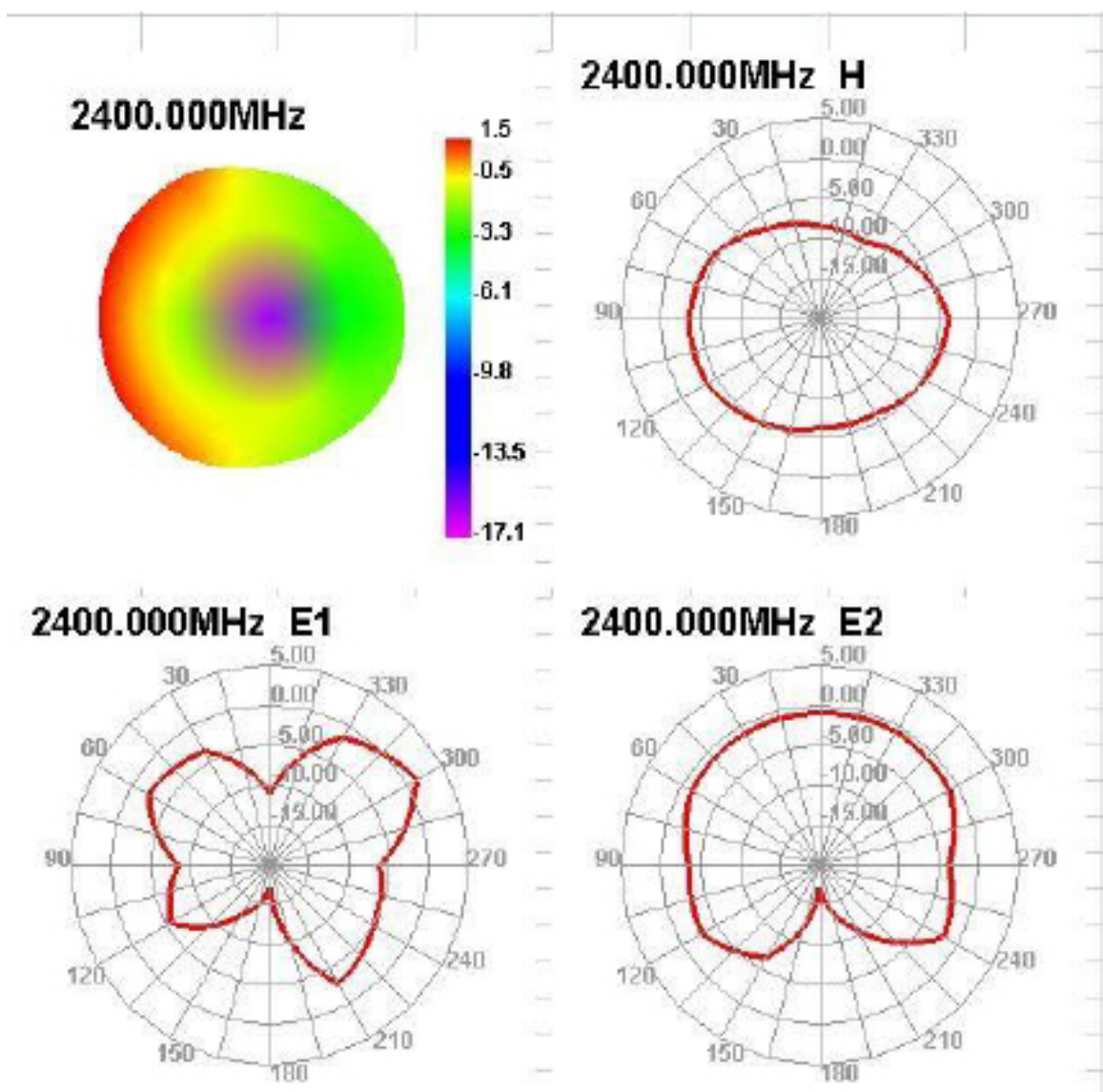
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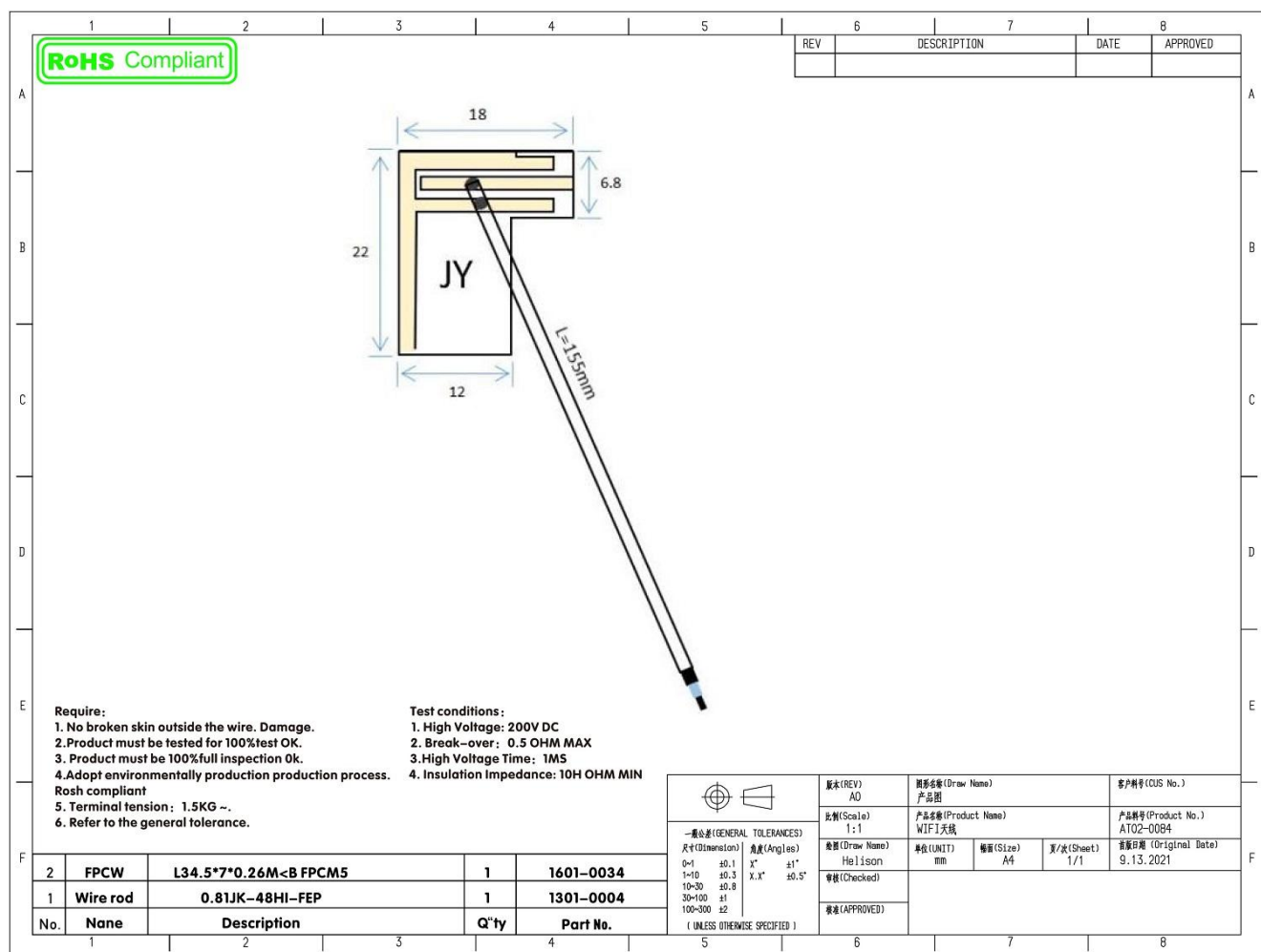
1.Project conditions

WIFI						
Motherboard						
Main antenna	Band		Antenna status	Antenna form	Design area	Match change
	WIFI	2400MHz	FPC	Single set	Next to the inner case	/

Passive Test For WIFI										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	49.22	-3.08	1.3	-0.85	33.132	16.091	1.3	-17.14	48.09	47.94
2410	49.19	-3.08	1.23	-0.92	33.264	15.926	1.23	-16.88	48.07	47.87
2420	48.97	-3.1	1.12	-1.03	33.097	15.873	1.12	-16.27	48.18	48
2430	48	-3.19	1	-1.15	32.445	15.554	1	-15.74	48.17	47.99
2440	49.81	-3.03	1.21	-0.94	33.883	15.924	1.21	-15.97	48.33	48.11
2450	51.97	-2.84	1.44	-0.71	35.717	16.249	1.44	-16.43	48.44	48.14
2460	51.39	-2.89	1.4	-0.75	35.752	15.64	1.4	-17.57	48.41	48.06
2470	51.84	-2.85	1.43	-0.72	36.544	15.292	1.43	-17.85	48.49	48.11
2480	52.99	-2.76	1.48	-0.67	37.586	15.4	1.48	-17.28	48.63	48.18
2490	53.53	-2.71	1.45	-0.7	38.058	15.476	1.45	-16.92	48.76	48.29
2500	50.61	-2.96	1.1	-1.05	35.976	14.631	1.1	-17.94	48.69	48.16









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