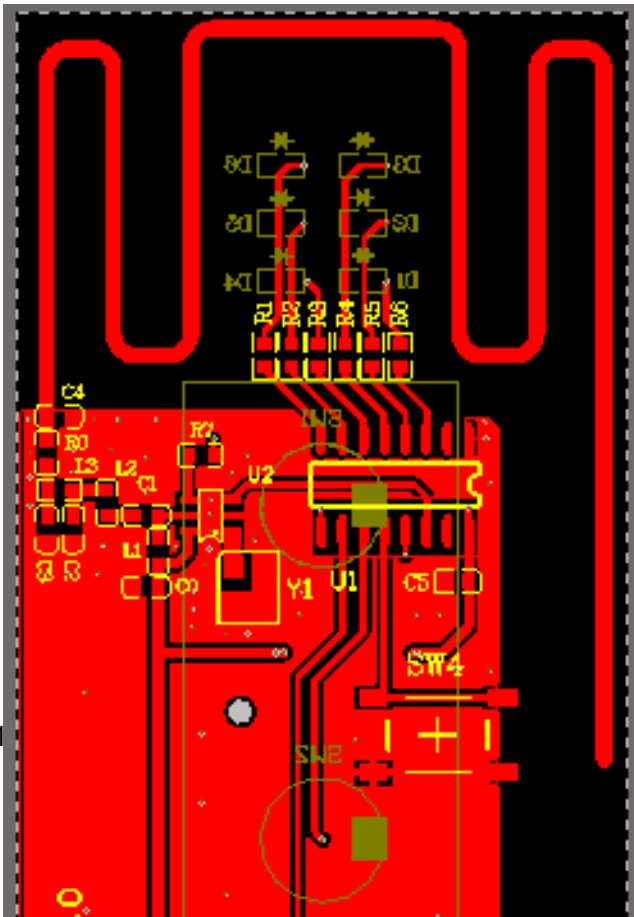


一、Product Spec.

Antenna length 170.428MM, width 1MM



二、Electrical performance

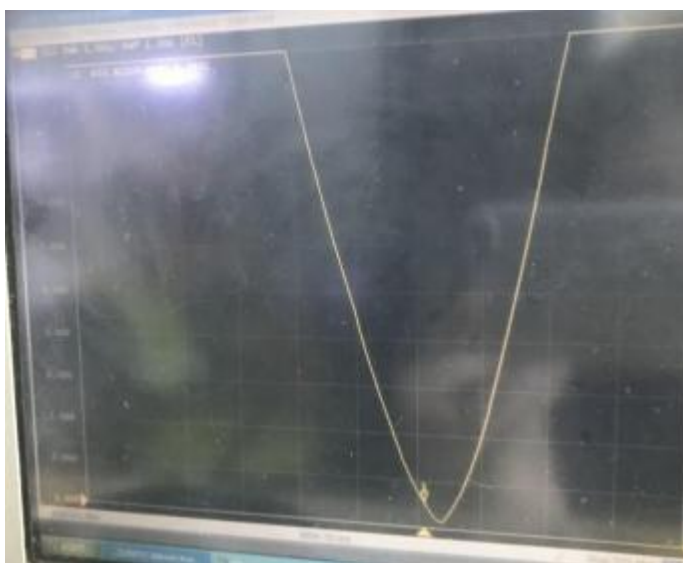
1. Specifications

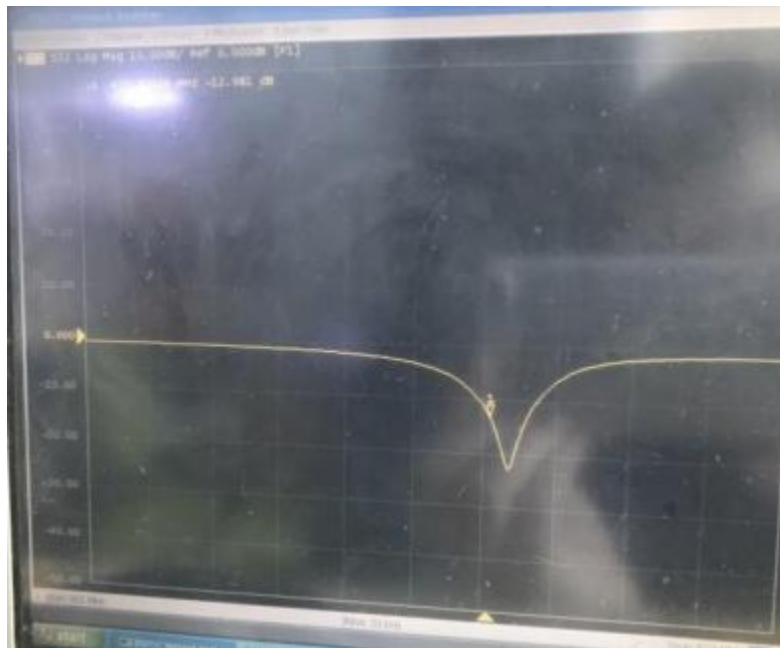
参数	需求
Frequency range	433.92
Input impedance	50 ohm
Standing Wave Ratio	1.54
efficiency	30%

2. Efficiency and Gain

frequency 频率(MHz)	gain 增益(dBi)	mingain 最小增益 (dBi)	efficiency 效率(dBi)	efficiency 效率(%)
430	-2.35	-12.66	-5.49	28.22
431	-2.35	-12.54	-5.43	28.66
432	-2.29	-12.42	-5.25	29.84
433	-2.27	-12.65	-5.1	30.90
434	-2.22	-12.54	-5	31.63
435	-2.07	-12.41	-4.9	32.38
436	-2.57	-13.12	-5.45	28.53
437	-2.86	-13.72	-5.87	25.90
438	-3.02	-14.08	-6.11	24.50
439	-3.1	-14.25	-6.2	24.00
440	-3.03	-14.26	-6.14	24.30

三、S11 Parameter testing





2. Directional pattern

