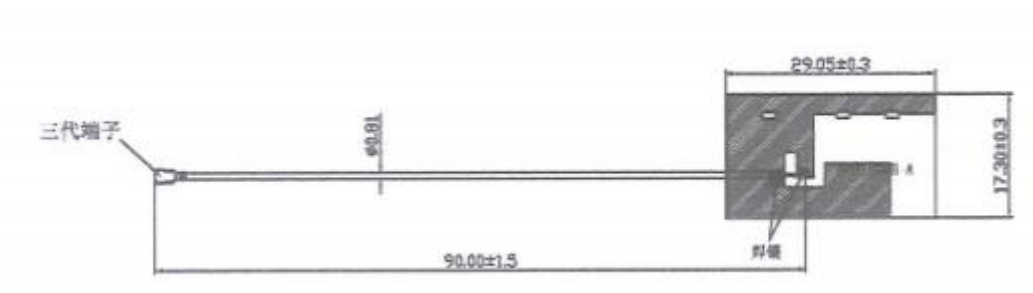




BDN1502 adopts FPC antenna with coaxial line, connector is IPEX-3, plate is polyimide material, single layer plate, plate thickness is 0.1mm。

1. Antenna size diagram:



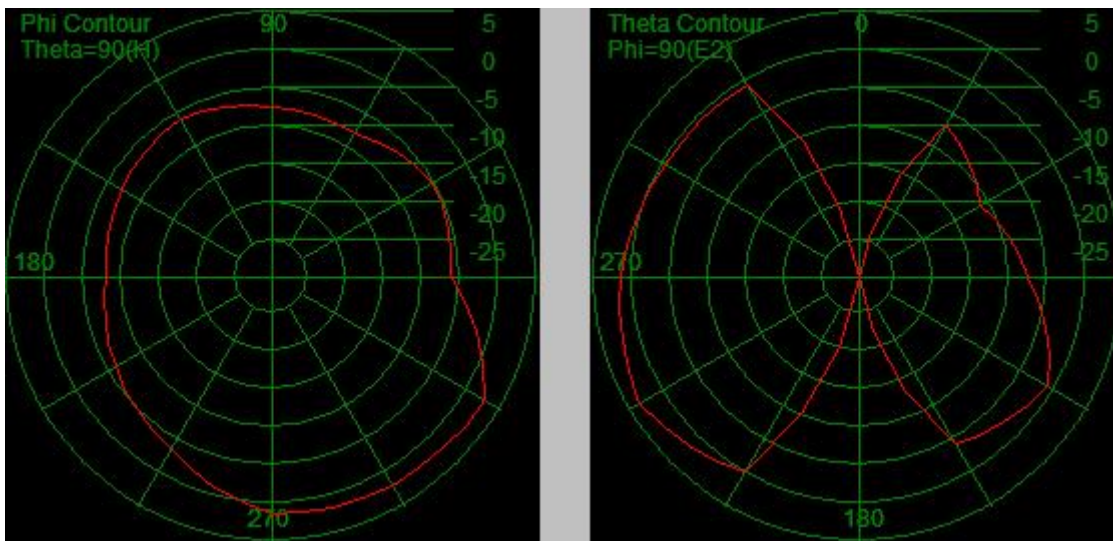
2. Antenna efficiency and gain

Test Point ID	Freq (Mhz)	Efficiency (%)	Gain (dBi)
1	2400	51.3%	2.54
2	2410	49.6%	2.87
3	2420	53.6%	2.89
4	2430	56.3%	3.12
5	2440	58.9%	3.24
6	2450	53.1%	3.46
7	2460	54.6%	3.52
8	2470	57.8%	3.64



9	2480	55.0%	3.05
10	2490	52.8%	2.77
11	2500	51.2%	2.13

3、Antenna pattern

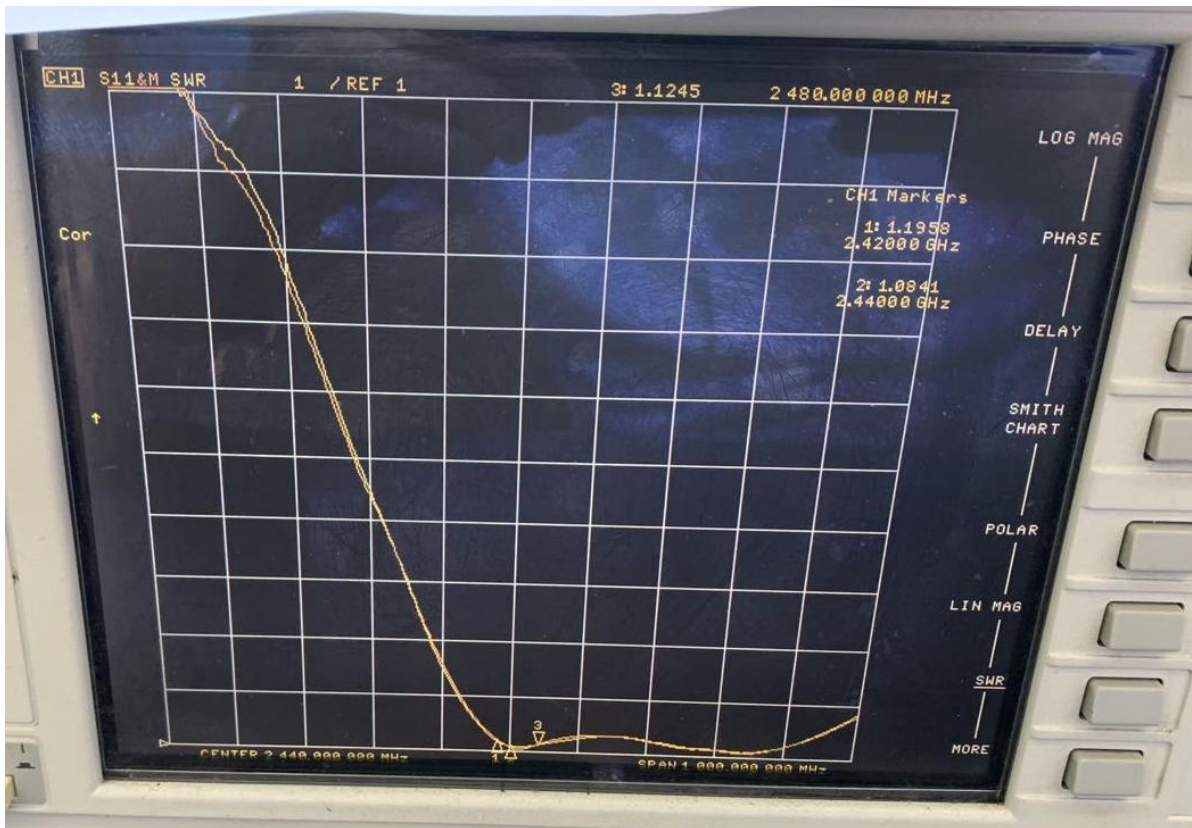
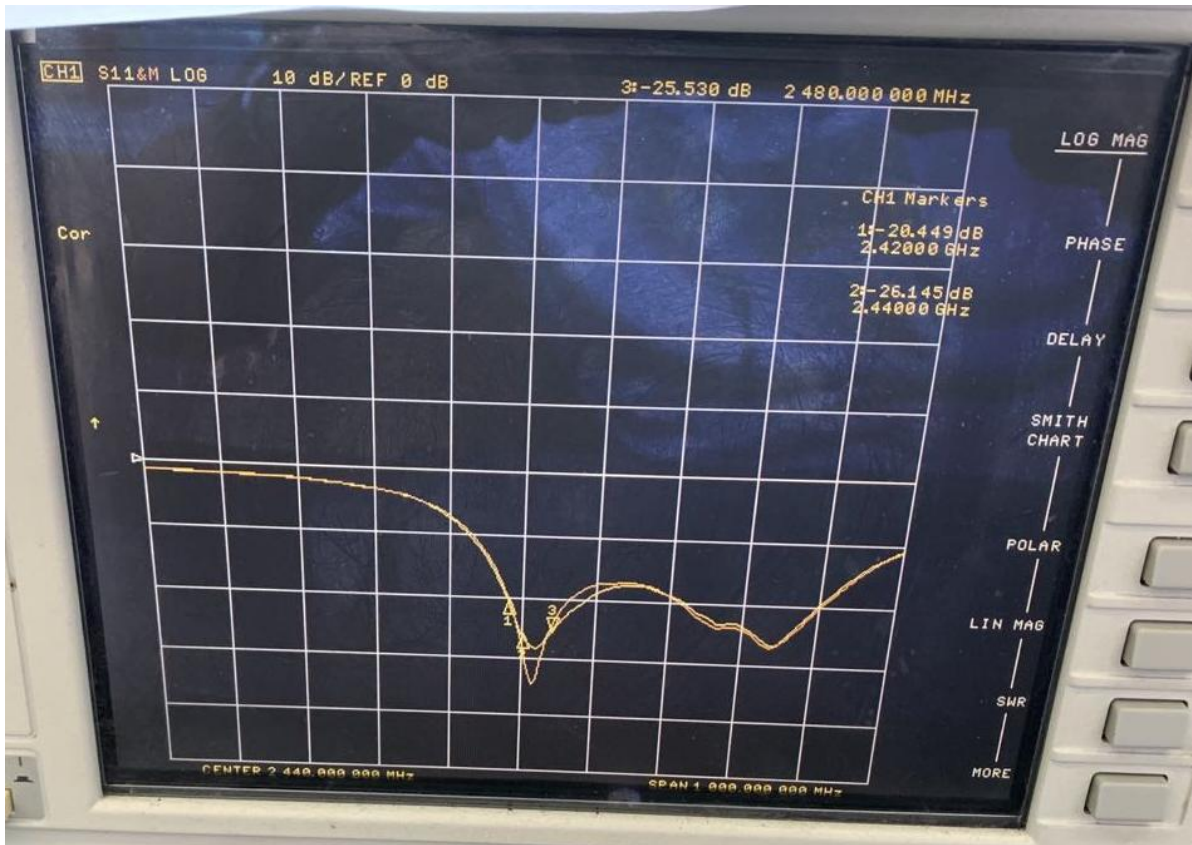


4、BT antenna standing wave ratio and return loss curve



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