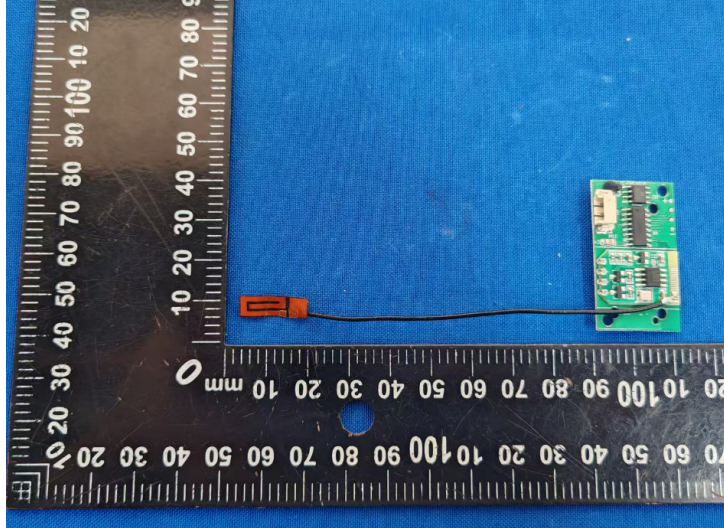


Nano Dongle PIFA antenna design specification:

Antenna dimensions as blow picture show: the material is FR4 and the thickness is 0.6mm

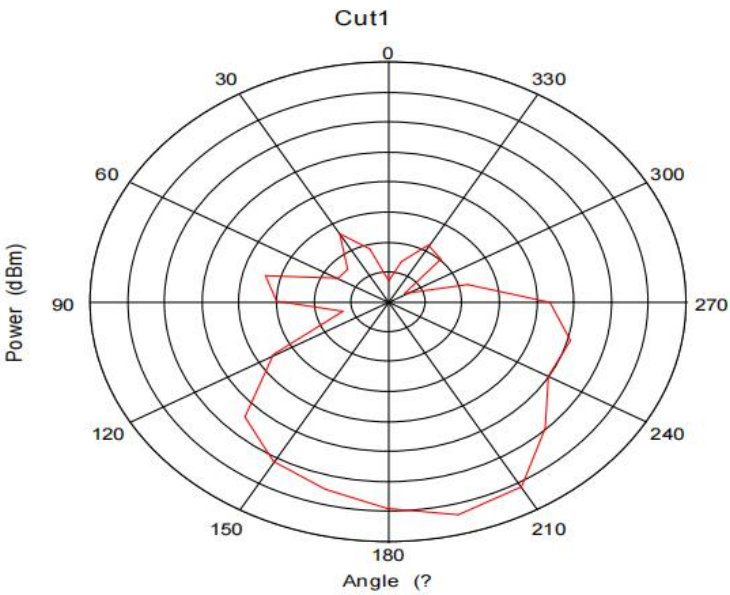
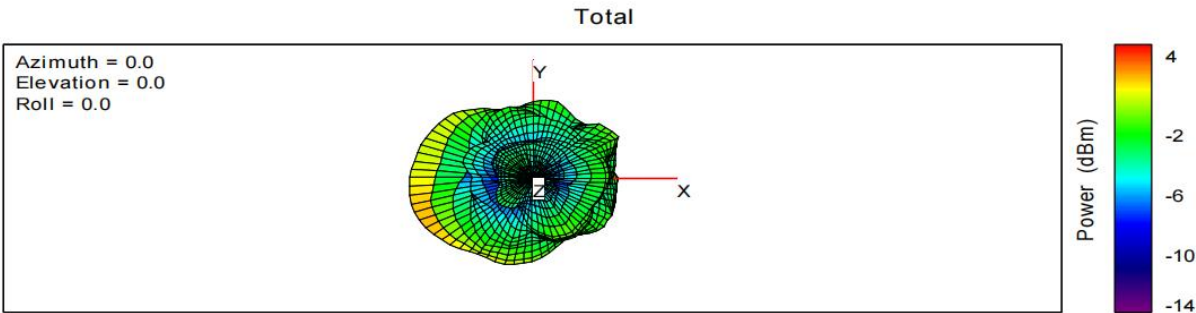


Gian and Efficiency

Frequency (MHz)	Efficiency(%)	Gain(dBi)
2300	12.77	-2.33
2320	20.15	-0.40
2340	25.71	0.95
2360	30.32	1.59
2380	30.90	1.63
2400	33.26	2.52
2420	38.93	3.55
2440	38.73	3.34
2460	36.32	2.93
2480	35.23	2.87
2500	35.82	2.53
2520	33.02	1.93
2540	31.62	1.42

3Dand1DRadiation

Patterns(2420MHz)



(2420MHz)

Max: 4
Min: -4
Scale: 1/div