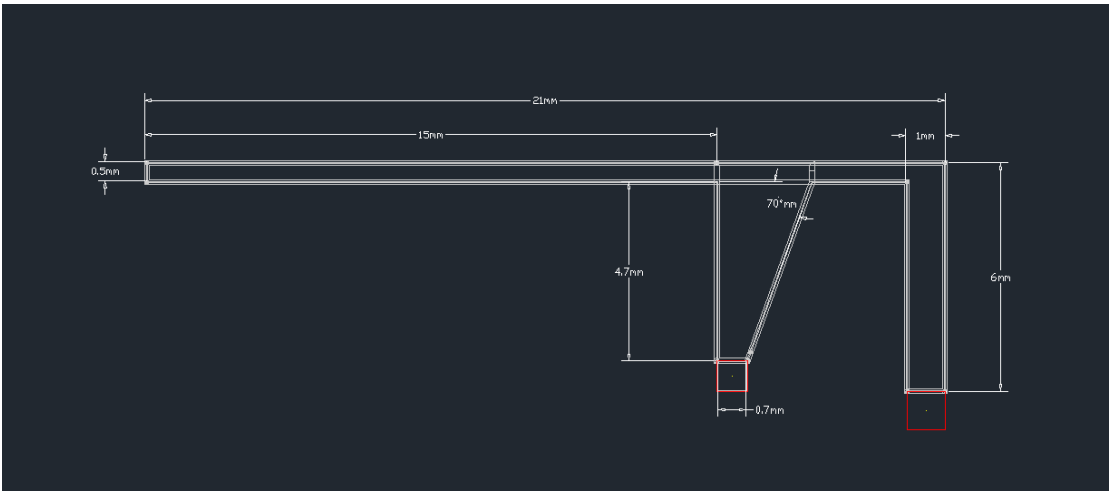


1. Antenna model: TLA-60-12DW

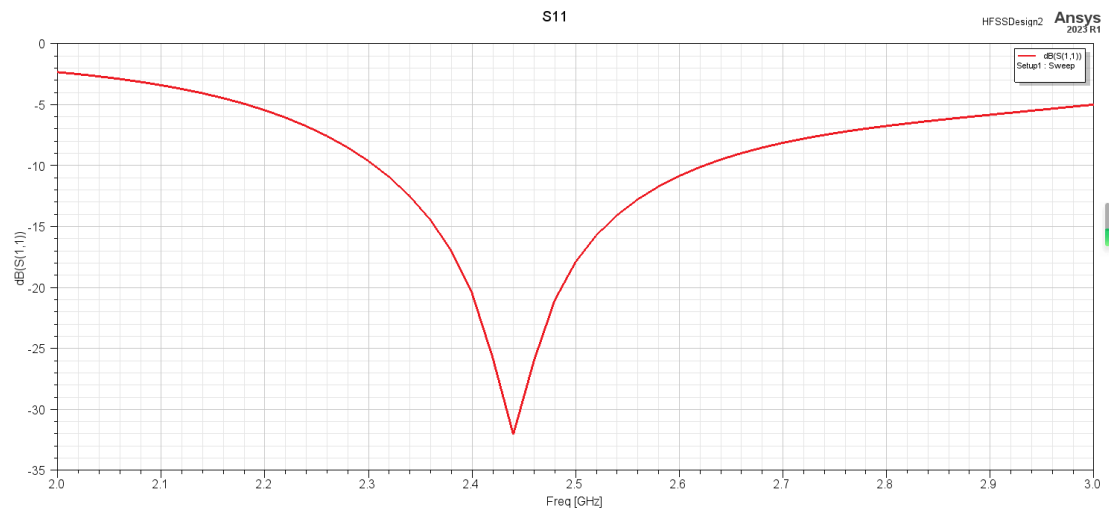


2. Antenna data

2.1 Antenna standing waves

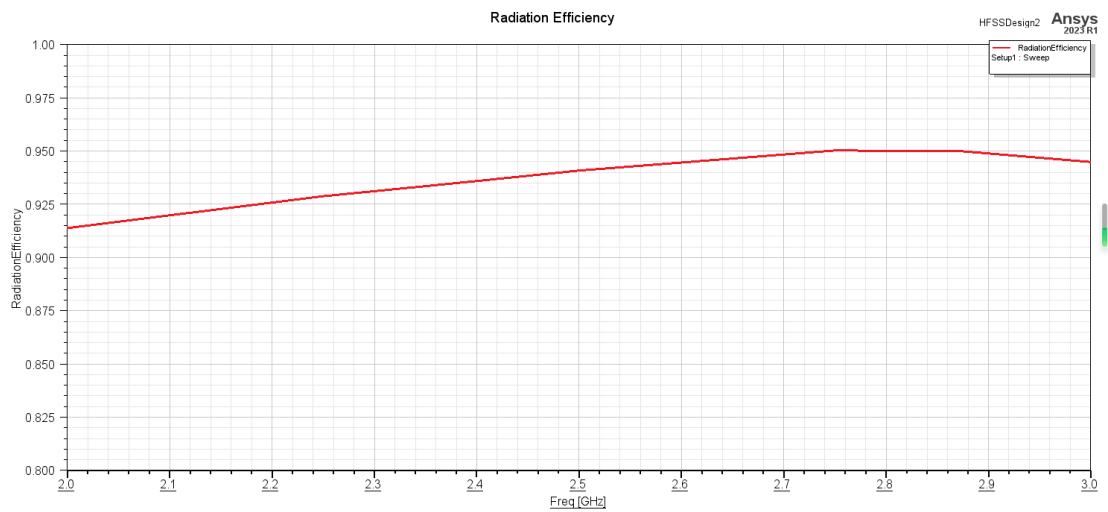
Frequency band	S11
2.4GHz~2.5GHz	<-10dB

S11Curves:



2.2 Antenna efficiency

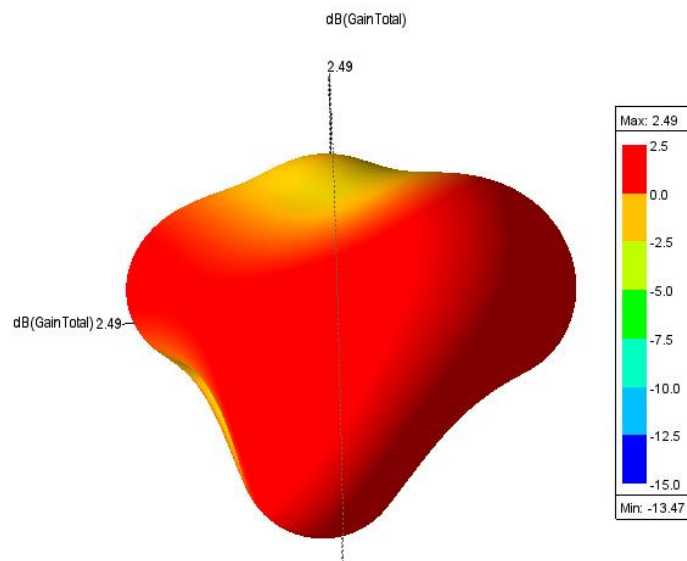
Radiation efficiency >75% or more.

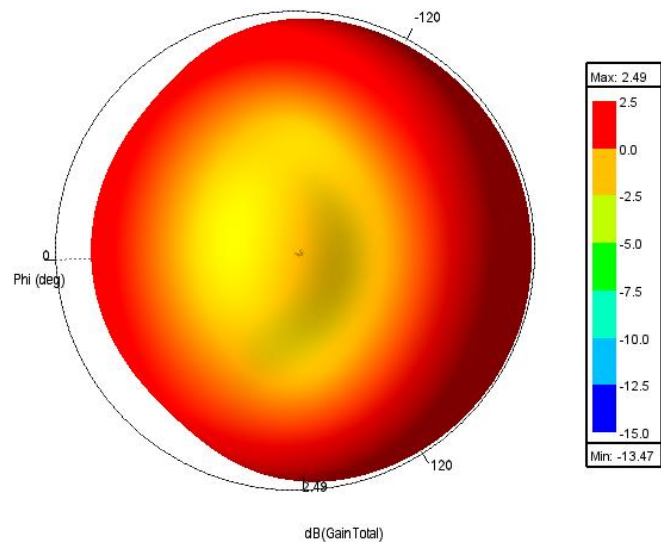


2.3 Antenna orientation diagram

2.3.1 3D Orientation diagram

Peak gain: 2.49dBi



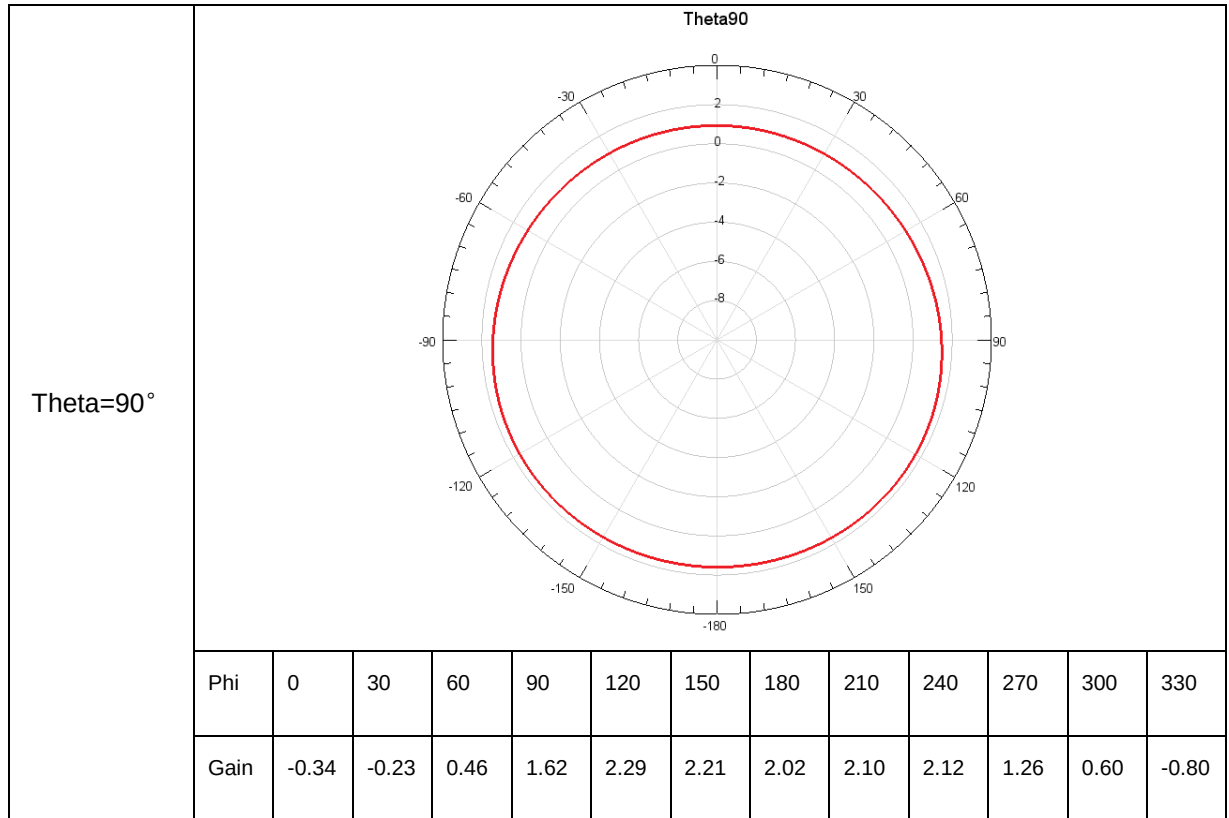


Frenquency(MHz)	Gain(dBi)
2410	1.59
2420	1.87
2430	2.31
2440	2.49
2450	2.01
2460	1.6
2470	0.89
2480	-1.1
2490	-2.1
2500	-2.35

2.3.2 2D orientation chart

2D orientation chart (2.45GHz) 。

Average gain: 1.11dBi



Manufacturer: ShenZhen Rti-Tek Co., Ltd.

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