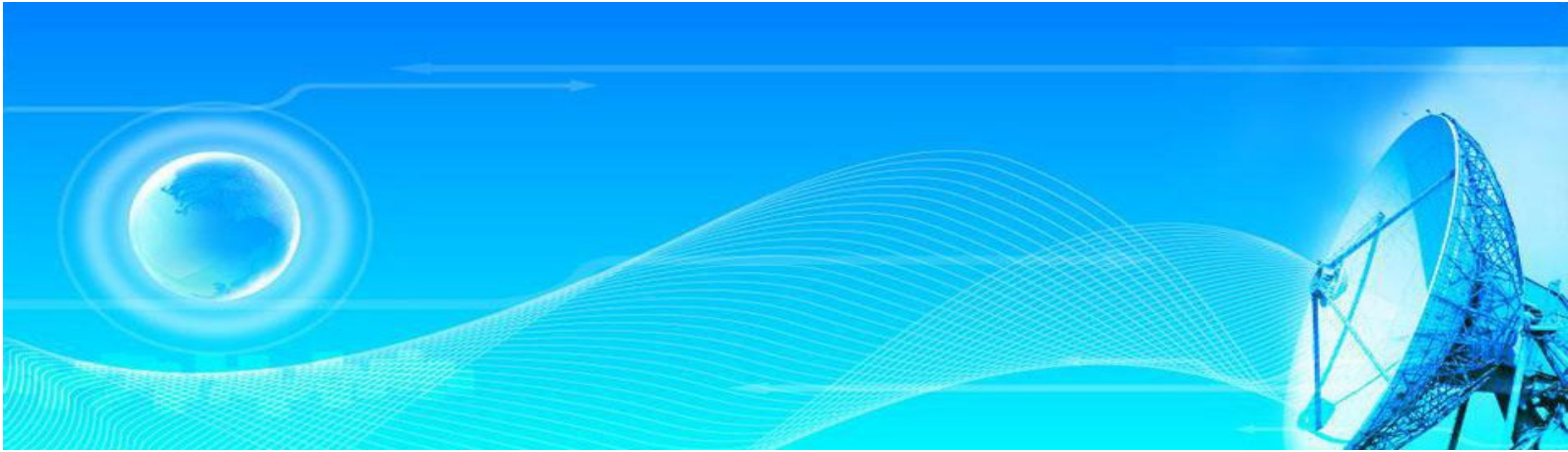
Antenna test report

Shenzhen Zhengdaxinwei Communication Equipment Co.,Ltd



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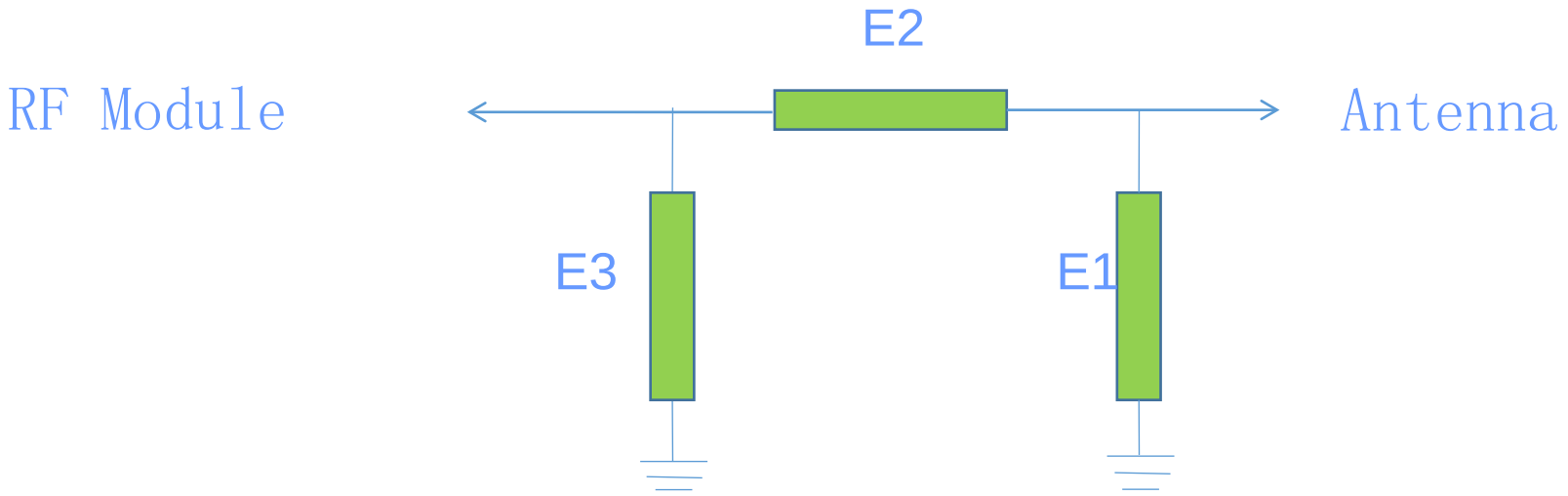
Project profile

Client name	Project name	Item type	Antenna implementation mode
BINARY			WIFI Antenna
Frequency band			
Antenna			
	WIFI Antenna	2400-2500MHz＆5150-5850MHz	/

Historical report record

Time	Edition	Head of R&D	State description
2022.06.20	A0	Liu Yujia	Antenna test report

2. Matching circuit

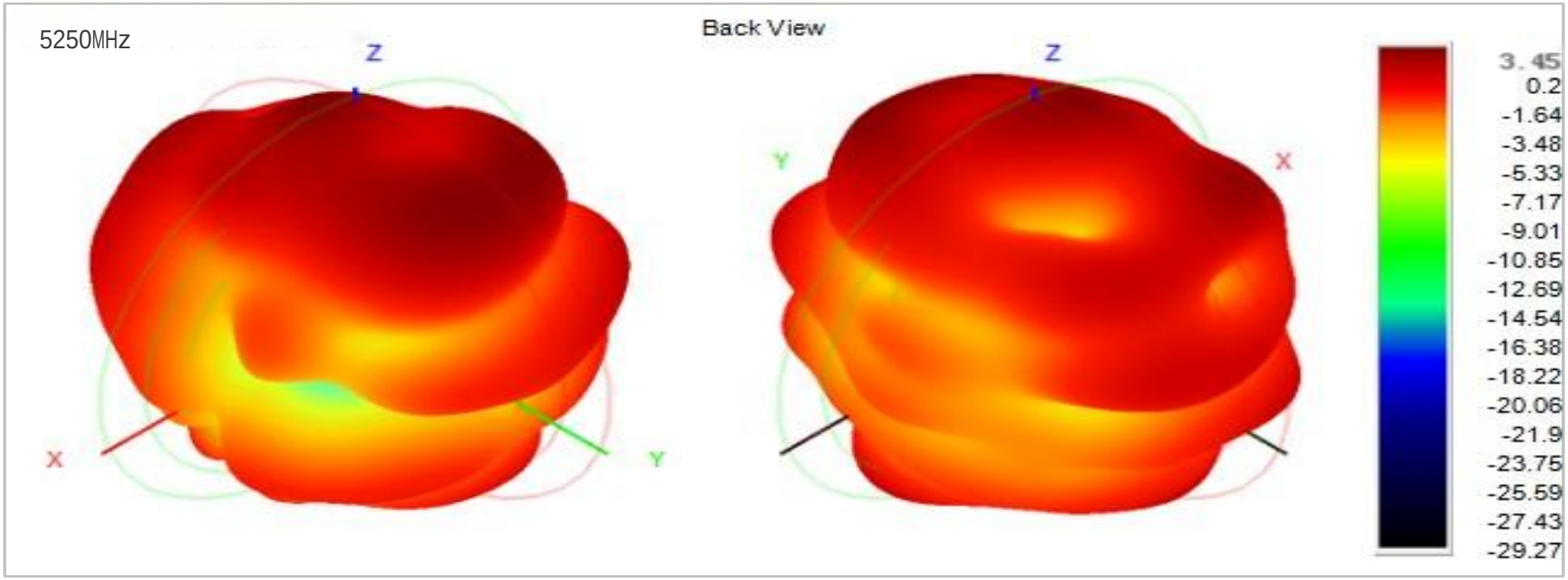


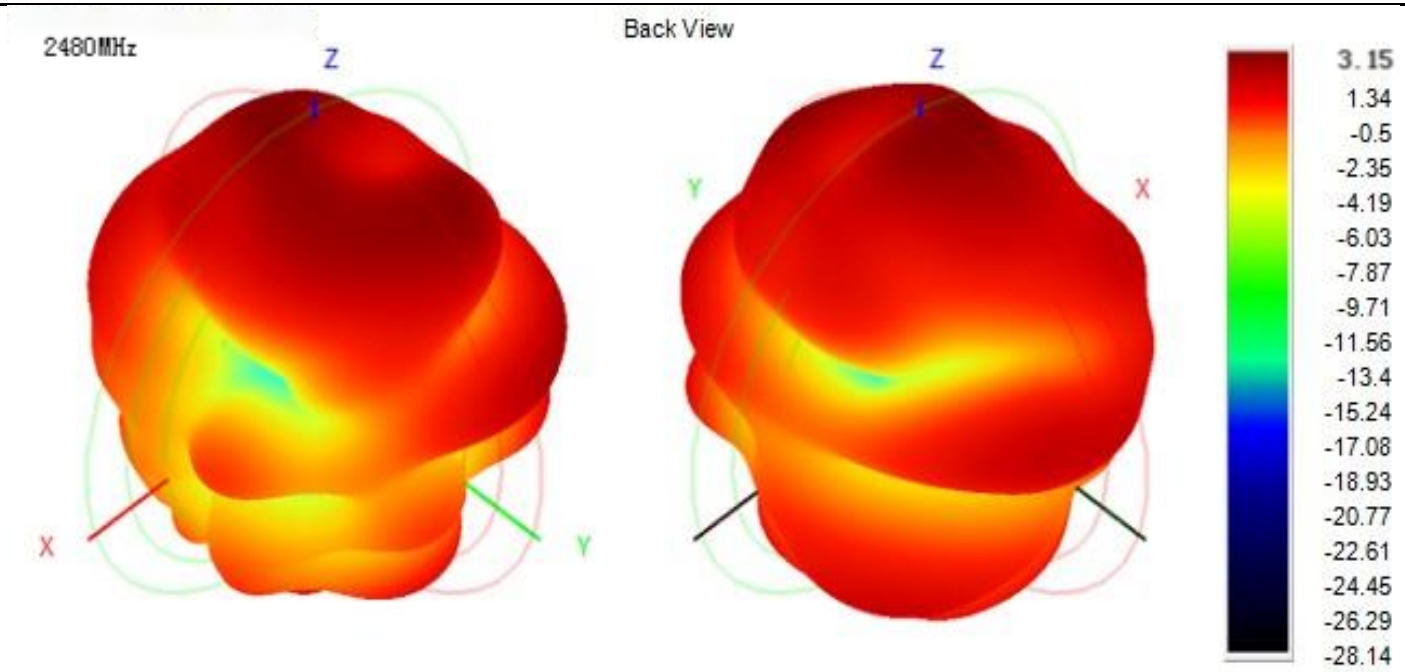
Element	Value
E1	NC
E2	0 Ω
E3	NC

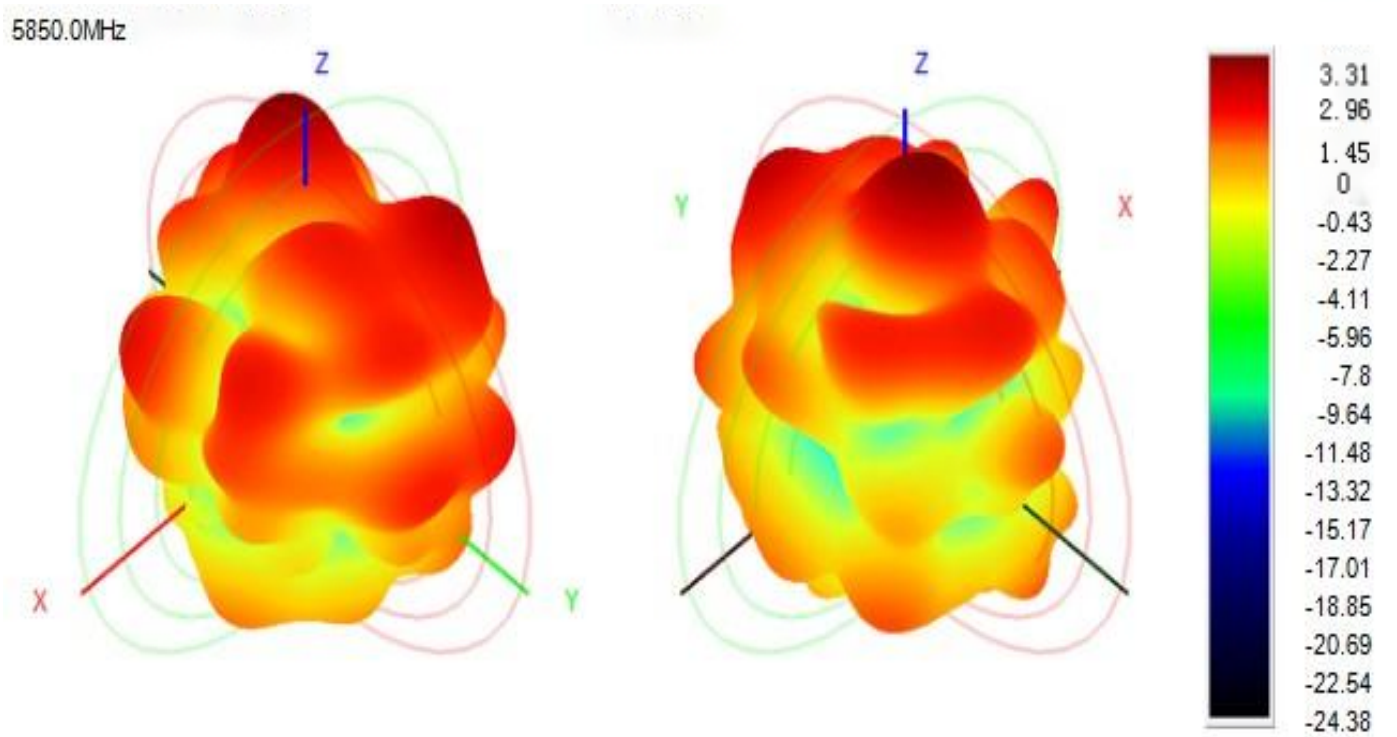
Note: No customer matching has been done

3. Efficiency and gain of WIFI antenna

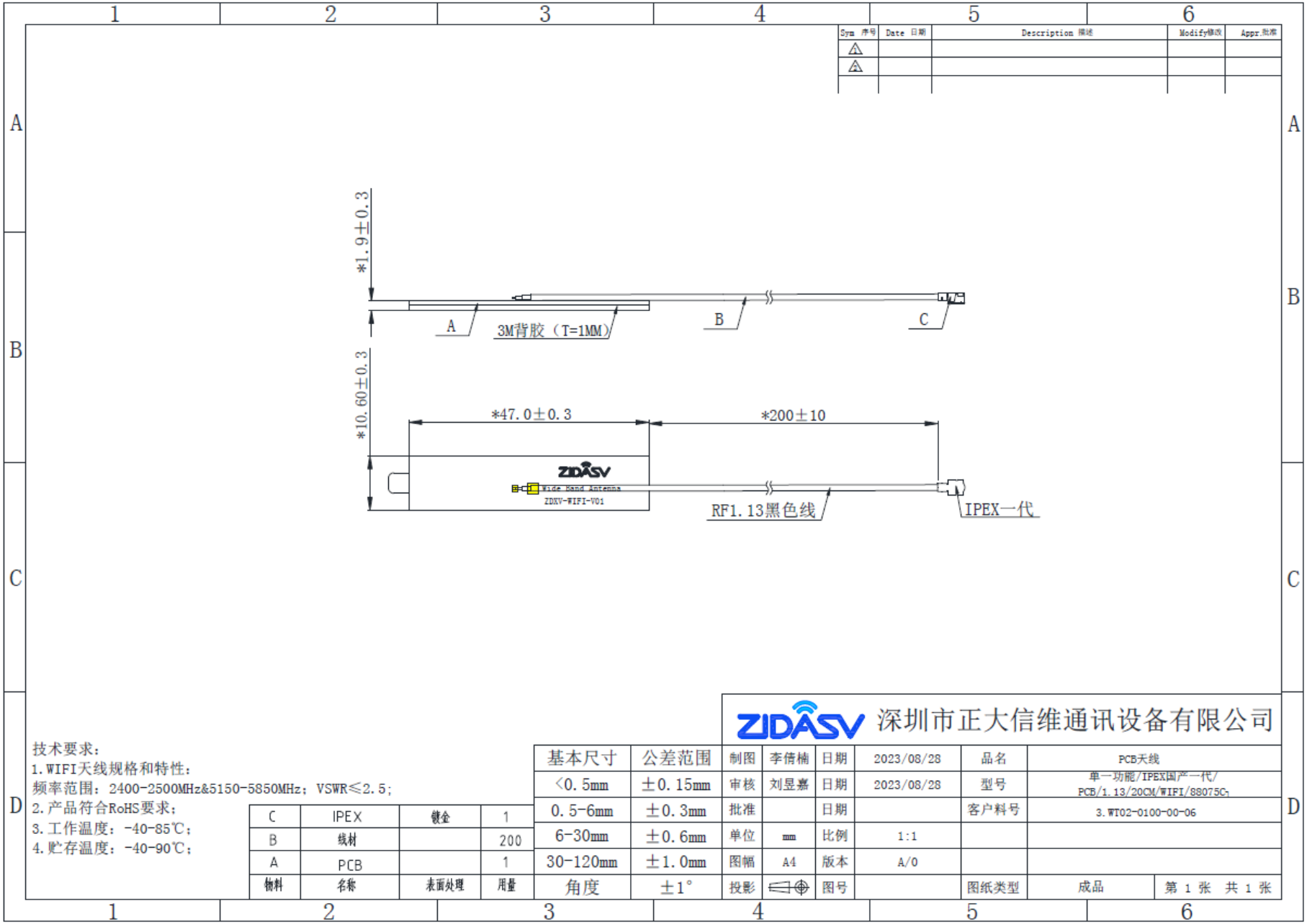
Frequency (MHz)	Efficiency(%)	Gain (dBi)	Frequency (MHz)	Efficiency(%)	Gain (dBi)
2400	**45.87**	2.85	5150	**38.29**	2.30
2420	**43.79**	2.65	5250	**47.87**	3.45
2440	**44.42**	1.51	5350	**53.10**	3.39
2460	**49.46**	2.06	5450	**51.07**	2.43
2480	**49.22**	3.15	5550	**50.98**	2.51
2500	**43.21**	2.70	5650	**43.00**	3.09
			5750	**49.78**	3.07
			5850	**49.71**	3.31

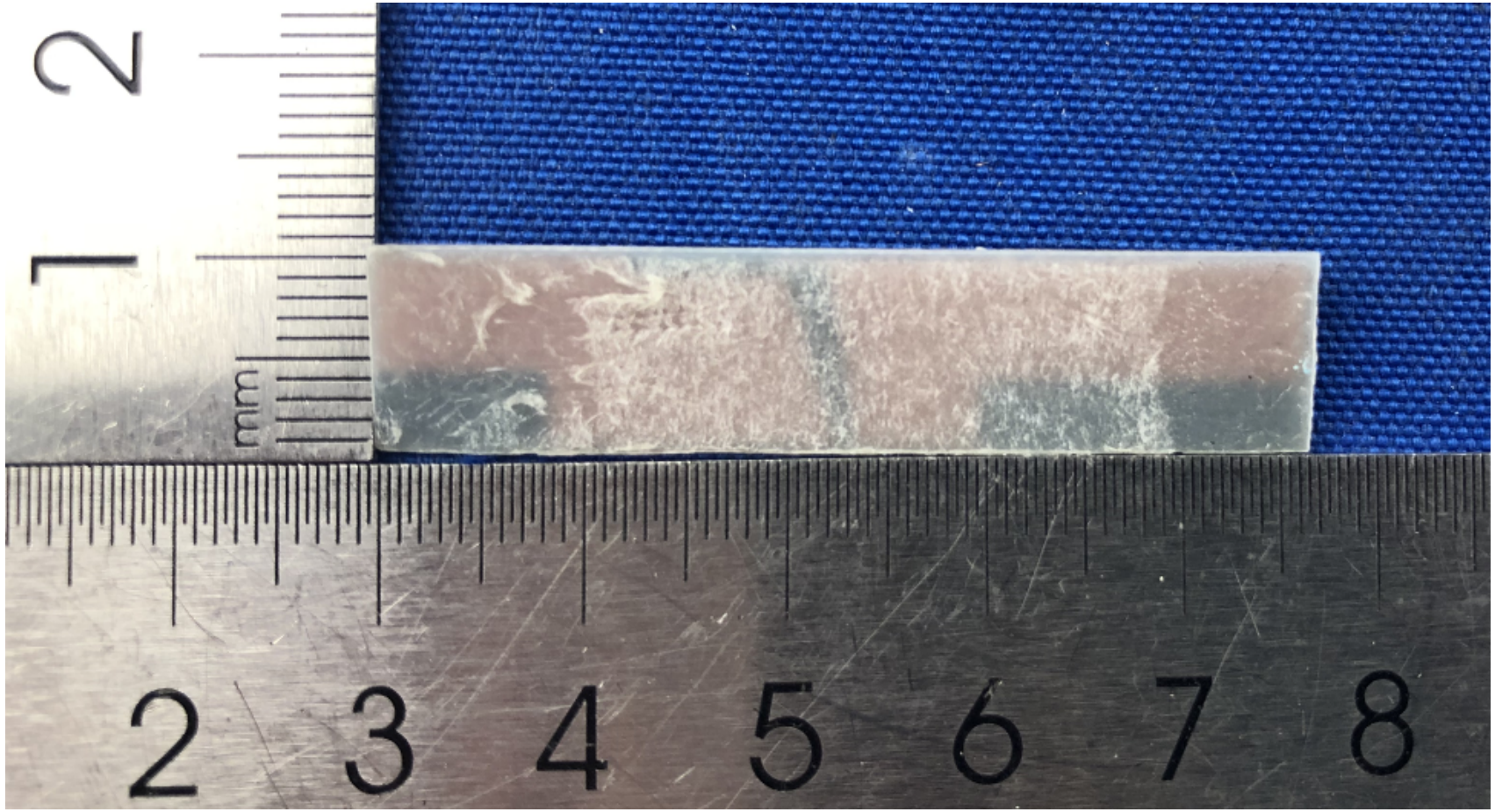



2480MHz
Back View
Z
X
Y
3.15
1.34
-0.5
-2.35
-4.19
-6.03
-7.87
-9.71
-11.56
-13.4
-15.24
-17.08
-18.93
-20.77
-22.61
-24.45
-26.29
-28.14


5850.0MHz
Z
X
Y
3.31
2.96
1.45
0
-0.43
-2.27
-4.11
-5.96
-7.8
-9.64
-11.48
-13.32
-15.17
-17.01
-18.85
-20.69
-22.54
-24.38

4. Antenna size




2
1
mm
2
3
4
5
6
7
8