

Shenzhen Yishengbang Technology Co., Ltd
101, Building C, Qianwan Hard Technology Industrial Park, Bao'an
District, Shenzhen

PECIFICATION FOR APPROVAL

Project Name:	HTZ1108A	Number:	N/A
Antenna material :	FPC	Frequency Band:	WIFI+BT
Item number :	SLK-PNE-2720A1-L-53III-G	Date :	2024-08-20

W/G/B Antenna (2720A1)

1.Explanation of Product number :

S L K - P N E - 2 7 2 0 A 1 - L - 5 3 I I I - G

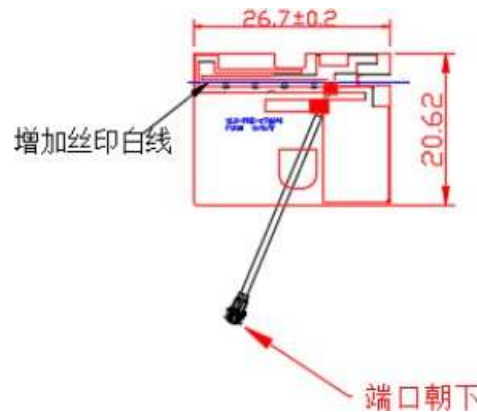
1

2

3

4

5



Product Code:

(1) Project:

2720A1:SLK-PNE-2720A1 (WIFI antenna)

(2) Welding Position

L:Left

(3) Cable Length:

53III: 53*0.81MM Third generation terminals

2. Features

- *Stable and reliable in performances
- *Compact size
- *RoHS compliance

3. Applications

- * IEEE802.11 (a/b/g/n)
- * Hand-held devices when WIFI (802.11a/b/g/n) GPS functions are needed

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11 a/b/g/n) GPS applications. Based on Holy bond's proprietary design and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

5. Electrical Specifications

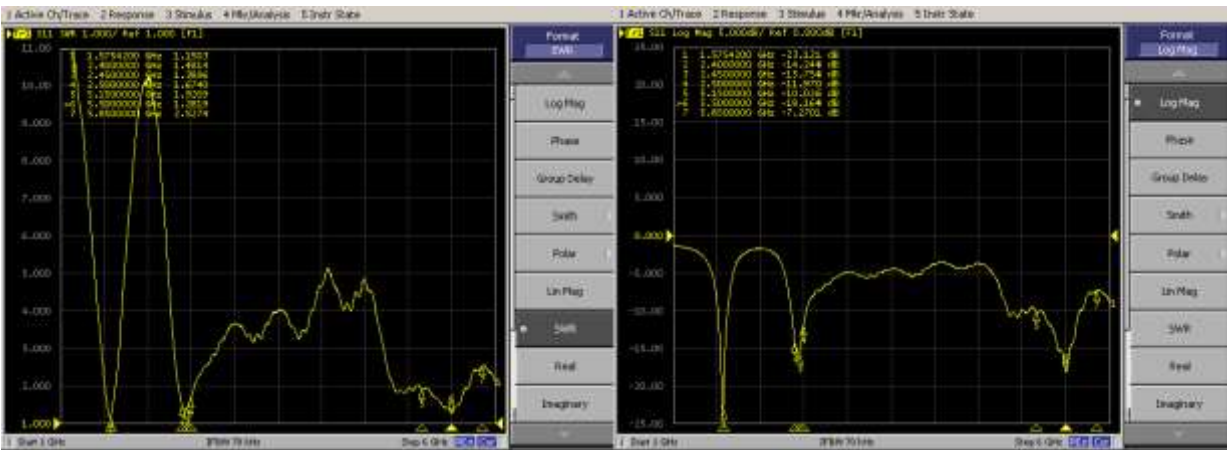
5-1

Characteristics	Specifications	Unit
Outline Dimensions	26.7x20.62x0.12	mm
Center Frequency	1.575-2.4-2.5-5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5.2

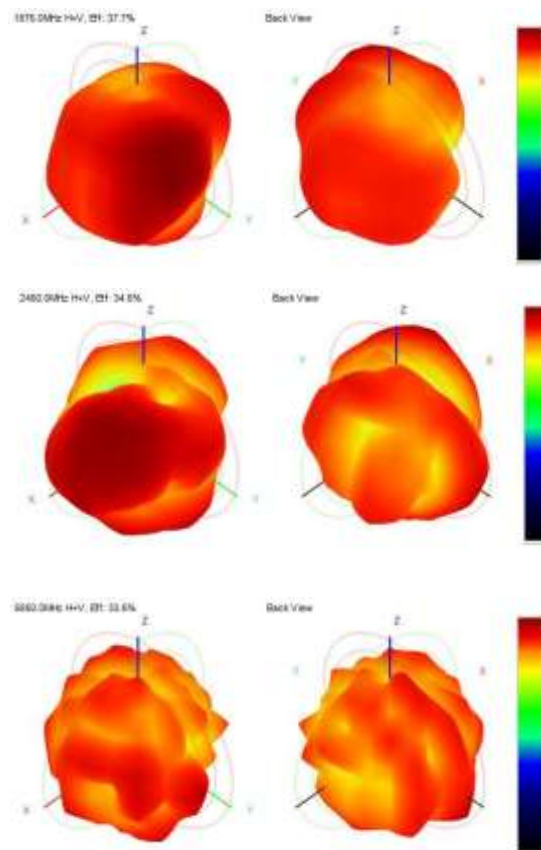
VSWR

S11

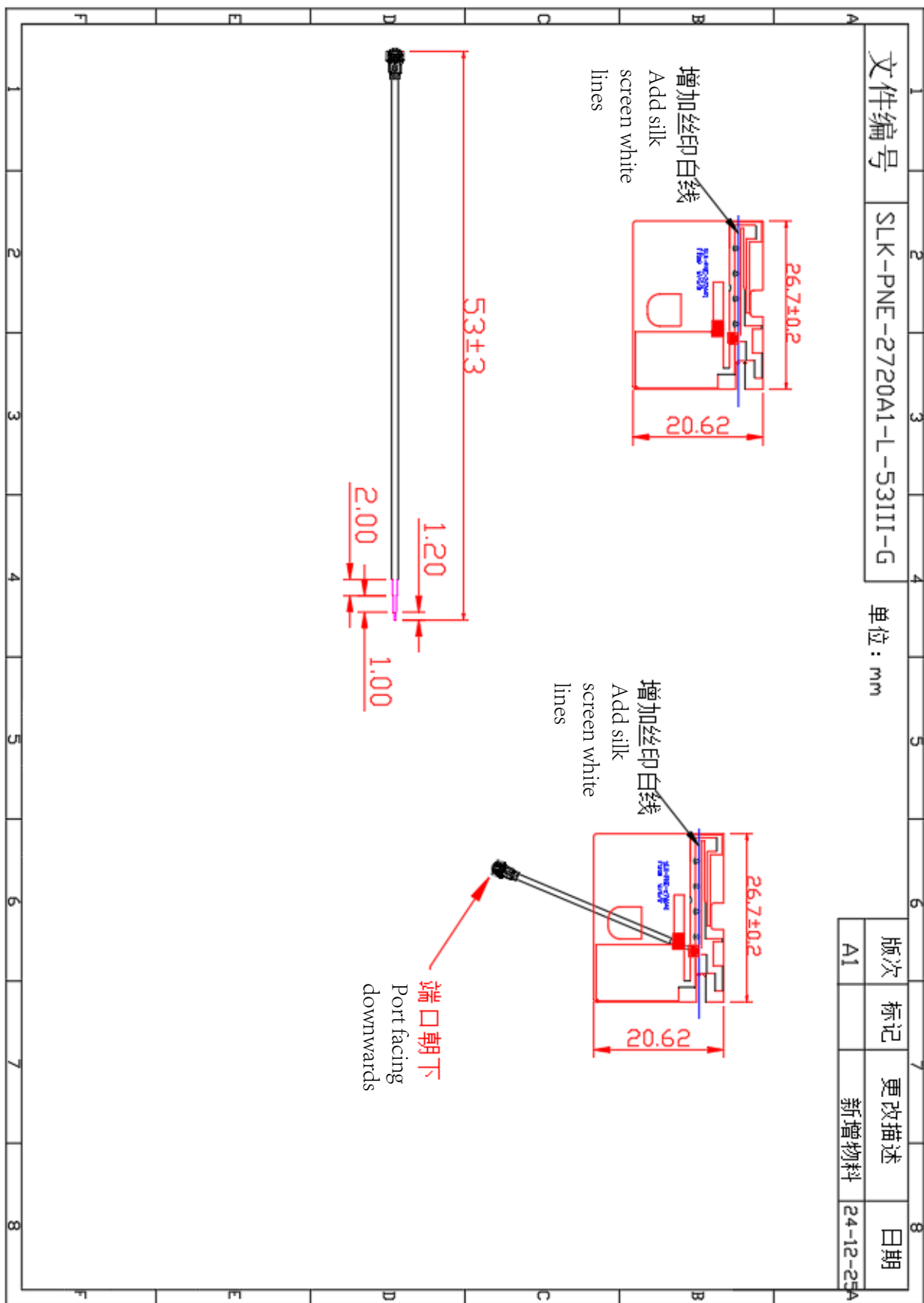


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
1570.0	-4.44	0.22	35.94
1575.0	-4.24	0.48	37.65
1580.0	-4.39	0.47	36.38
2400.0	-4.64	2.25	34.35
2410.0	-4.57	2.52	34.93
2420.0	-4.67	2.44	34.15
2430.0	-4.40	2.62	36.34
2440.0	-4.62	2.37	34.51
2450.0	-4.62	2.05	34.52
2460.0	-4.68	2.21	34.03
2470.0	-4.81	1.54	33.02
2480.0	-4.63	1.67	34.45
2490.0	-4.62	1.22	34.54
2500.0	-4.77	0.96	33.32
5150.0	-5.07	0.38	31.11
5300.0	-4.88	2.46	32.50
5550.0	-4.88	1.64	32.54
5750.0	-4.84	1.82	32.83
5850.0	-4.75	2.29	33.51



6. Antenna Dimensions (unit: mm)



7. Antenna Picture



WIFI+BT Antenna