



Antenna Part Specification

Customer name:	Lexin
Project name:	B200 Launch box
Material category:	BT antenna
Version:	V1.0
Date:	2022.10.14



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Change record			
Compile / change date	Reason for change	Changed content	Version
2022.10.14	First edition	First edition	V1.0

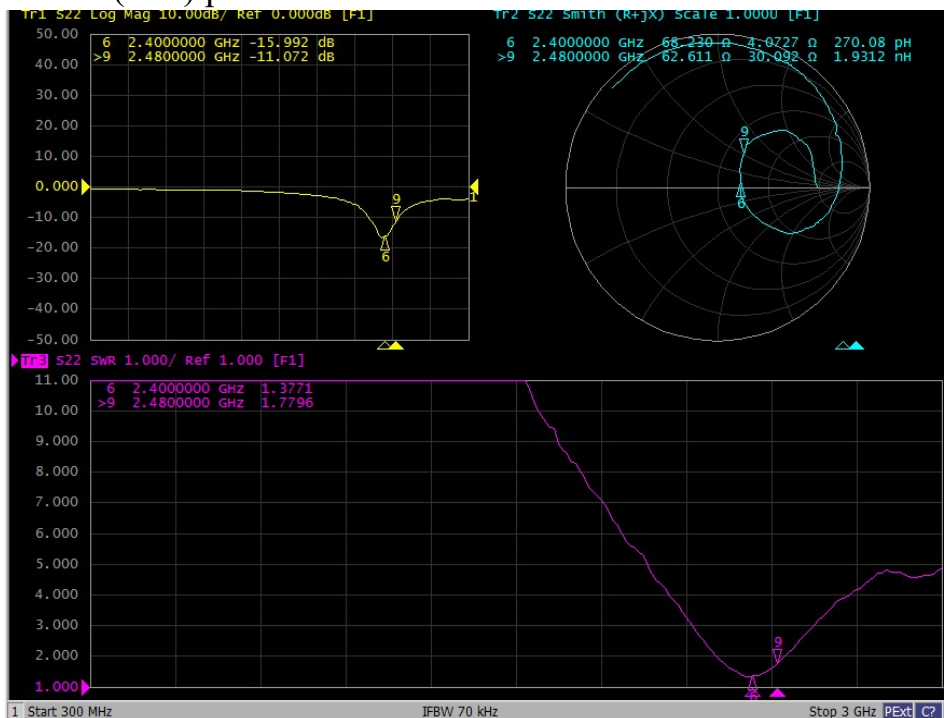


I: The report of passive data



Angilent E5071C

VSWR(S11) parameter:



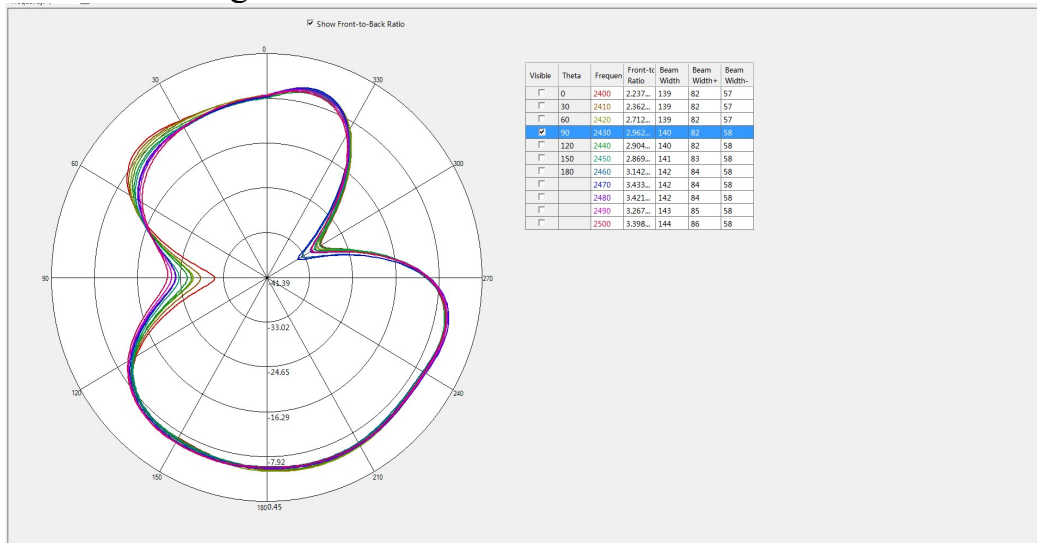
Efficiency:

2400-2480 MHz			
Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency
2400	1.67	-2.24	60%
2410	1.68	-2.22	60%
2420	1.65	-2.17	61%
2430	1.53	-2.34	58%
2440	1.40	-2.55	56%
2450	1.40	-2.50	56%
2460	1.21	-2.65	54%
2470	1.48	-2.36	58%
2480	1.59	-2.20	60%
Average value	1.51	-2.36	58%

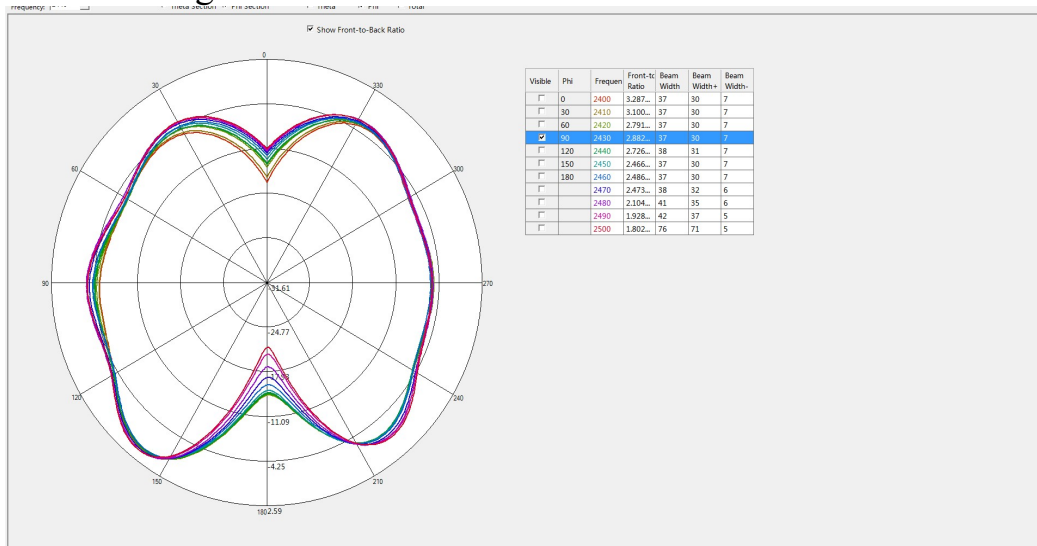
Maximum gain value
1.68



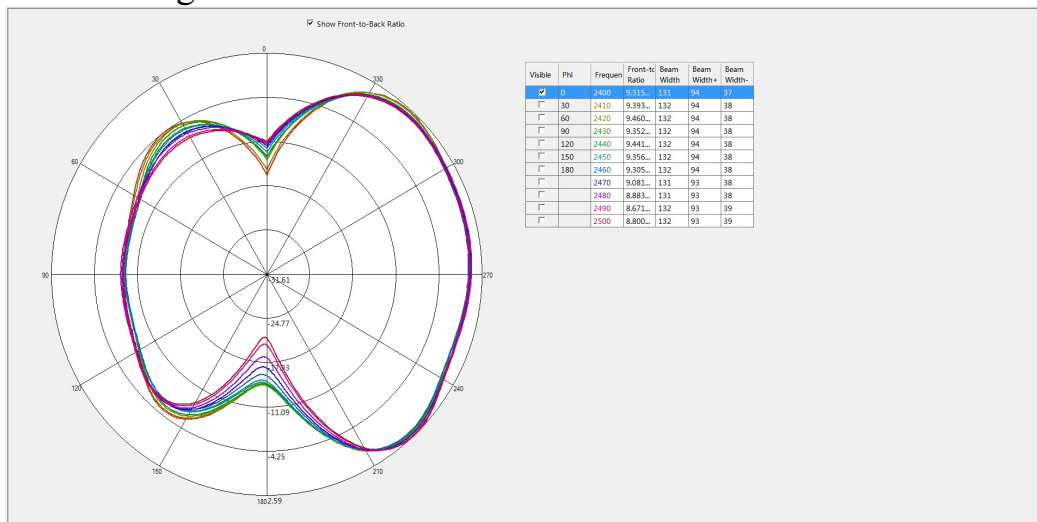
Antenna radiation pattern: Theta=90.00deg



Phi=90.00deg

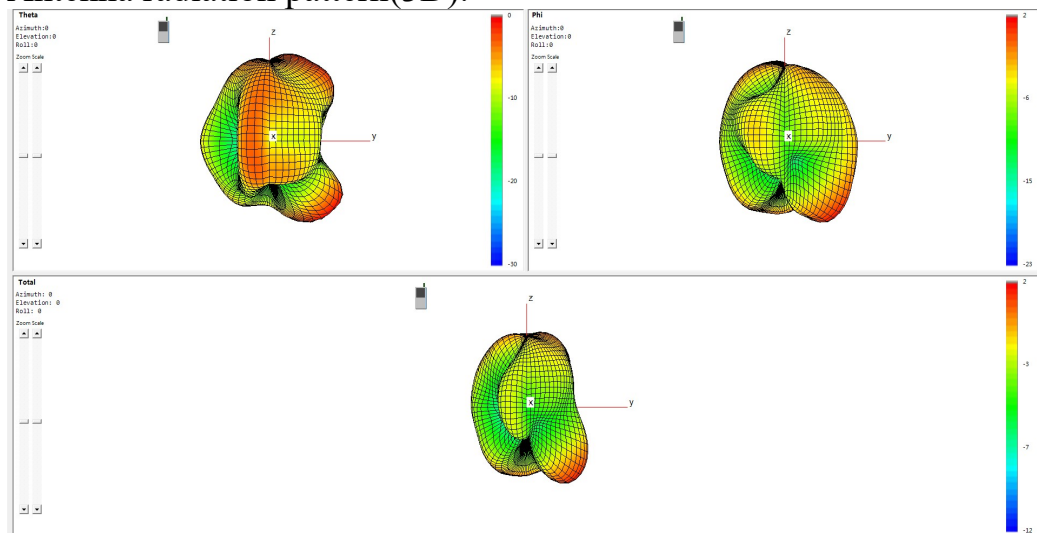


Phi=0.00deg



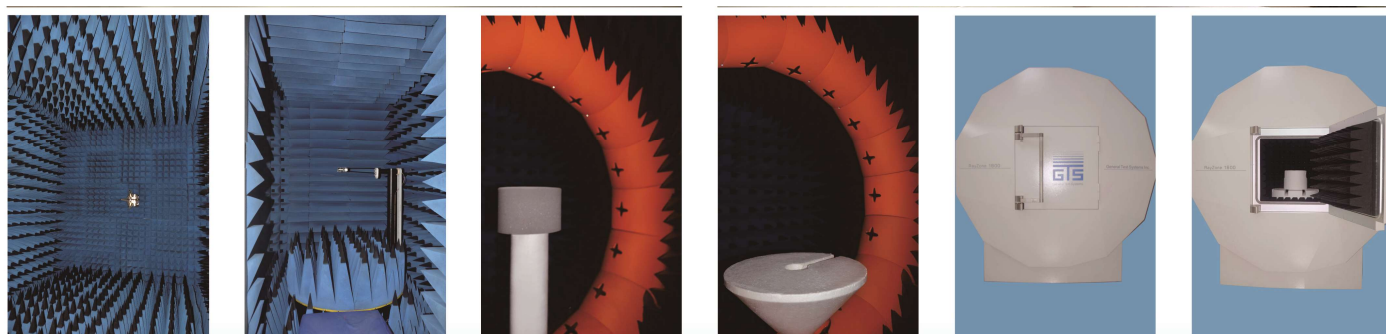


Antenna radiation pattern(3D):



II: 3D Active test report of antenna

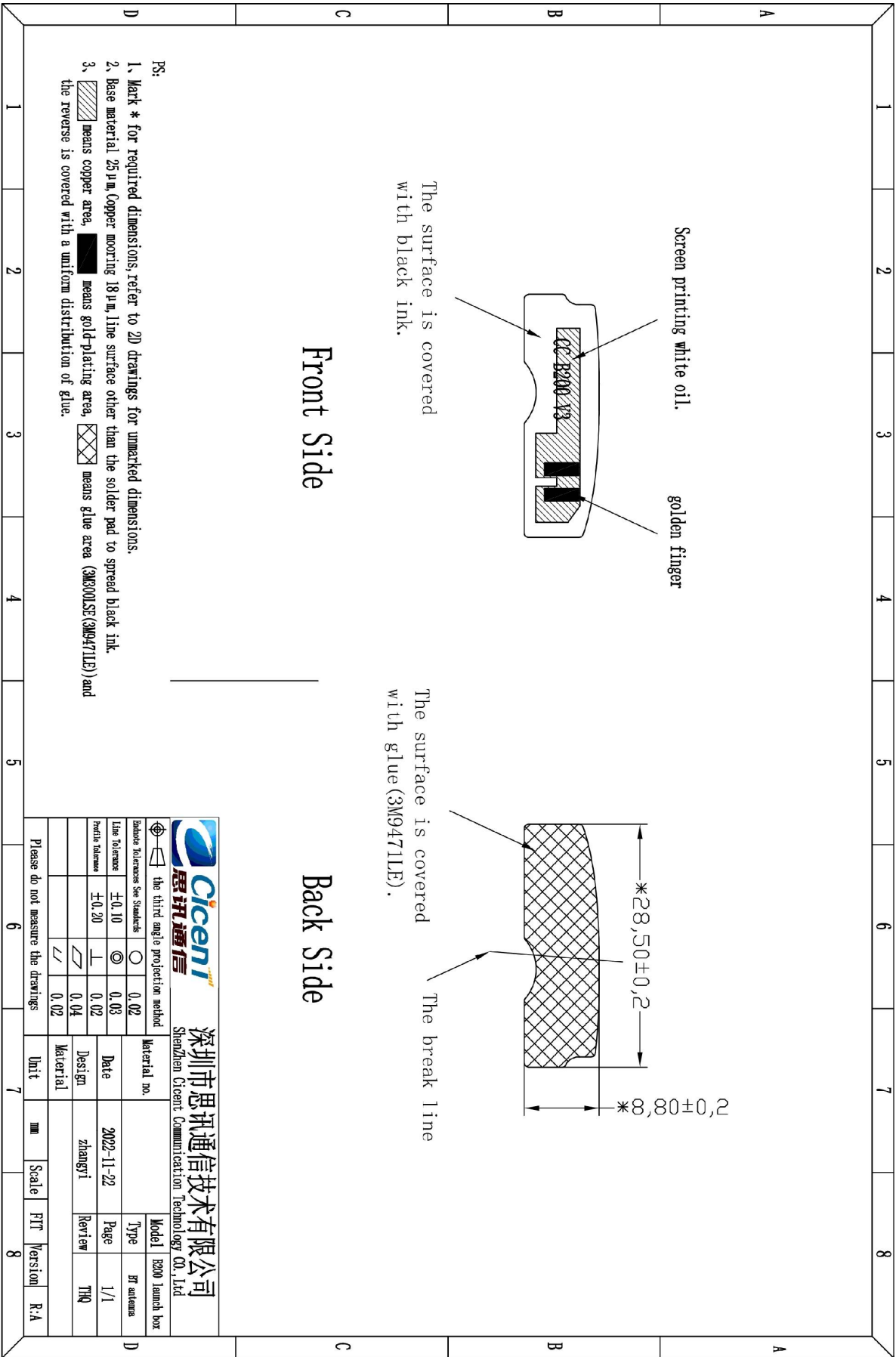
	Channel	TRP (dBm)	TIS (dBm)
BT	CH 0	7.1	-90.2
	CH 39	7.4	-91.1
	CH 78	7.2	-91.1



OTA Standard Chamber



III: Structure file





IV: Additional information

①Antenna manufacturer: Shenzhen Cicent Communication Technology Co., Ltd.

②Antenna type: PIFA Antenna

③Antenna model: B200 Launch box