



AUDEN COMMUNICATIONS&MULTIMEDIA
TECHNO (KUNSHAN) CO. LTD

Leopard Lync B920NA
BT Antenna specification

4 pages

(Including cover sheet)

Author Liu Jing



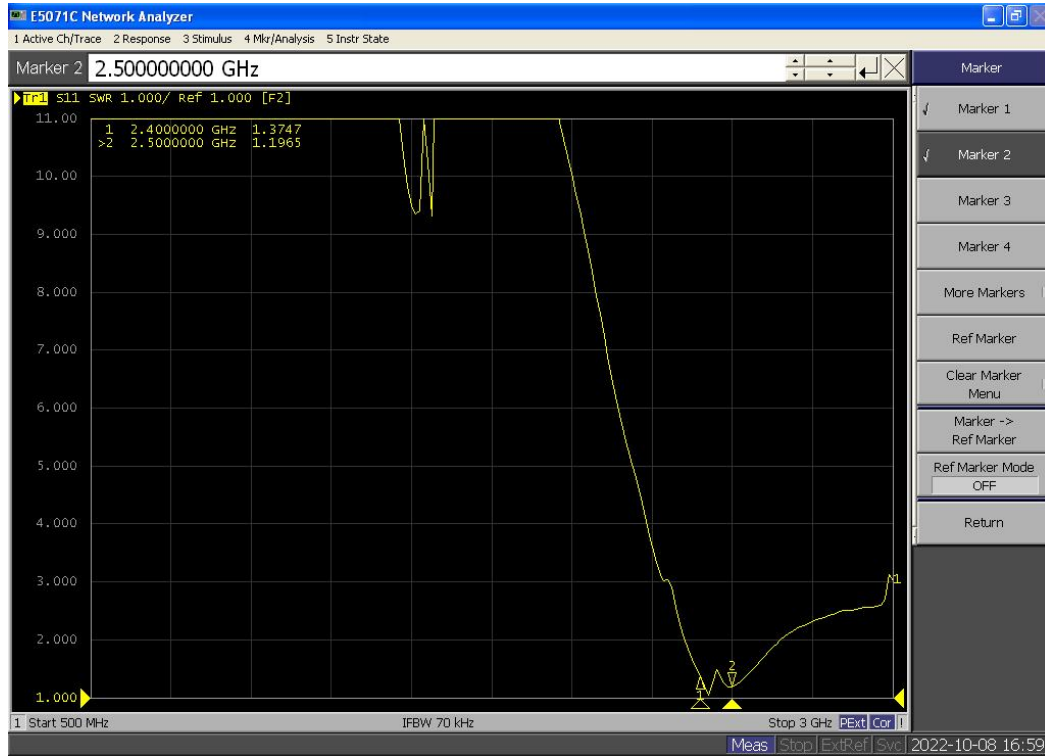
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Catalogue

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1. Antenna voltage standing wave ratio



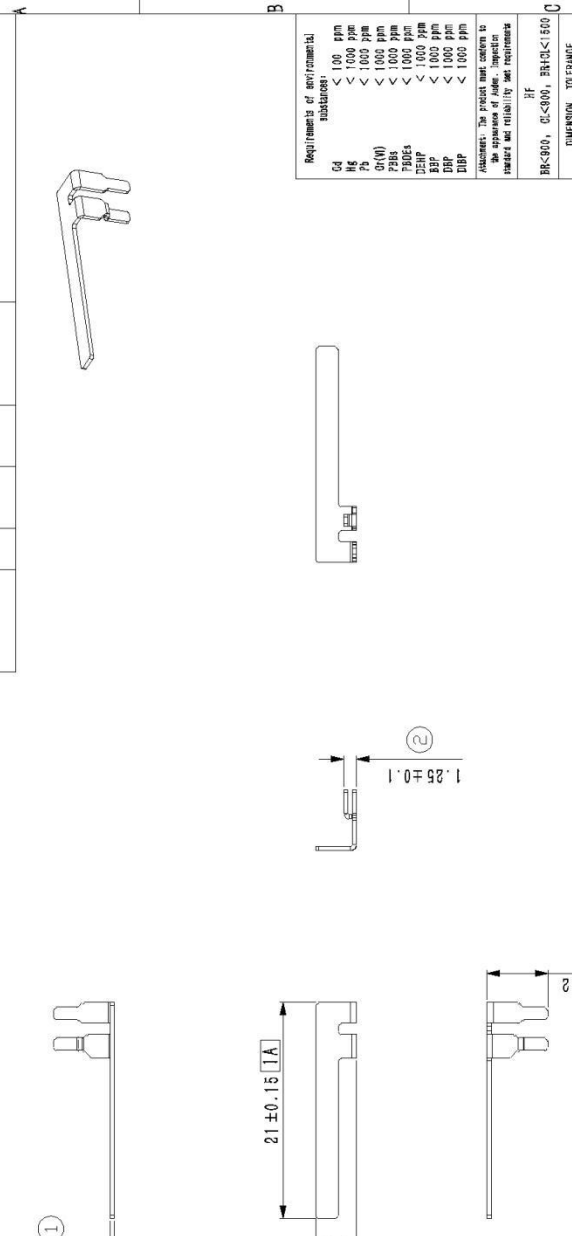
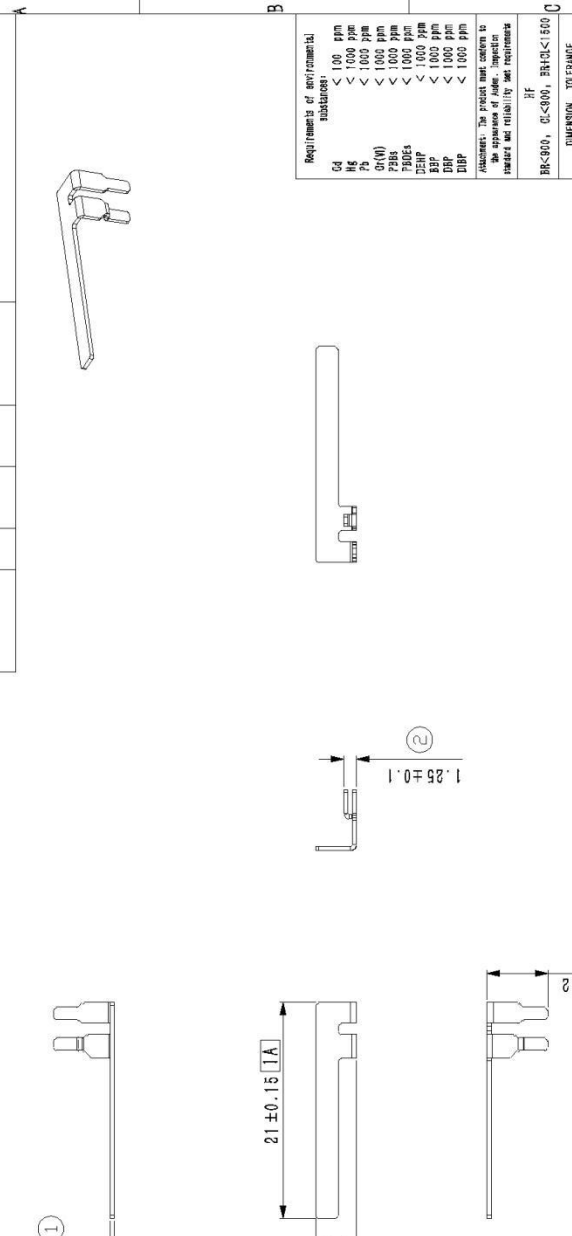
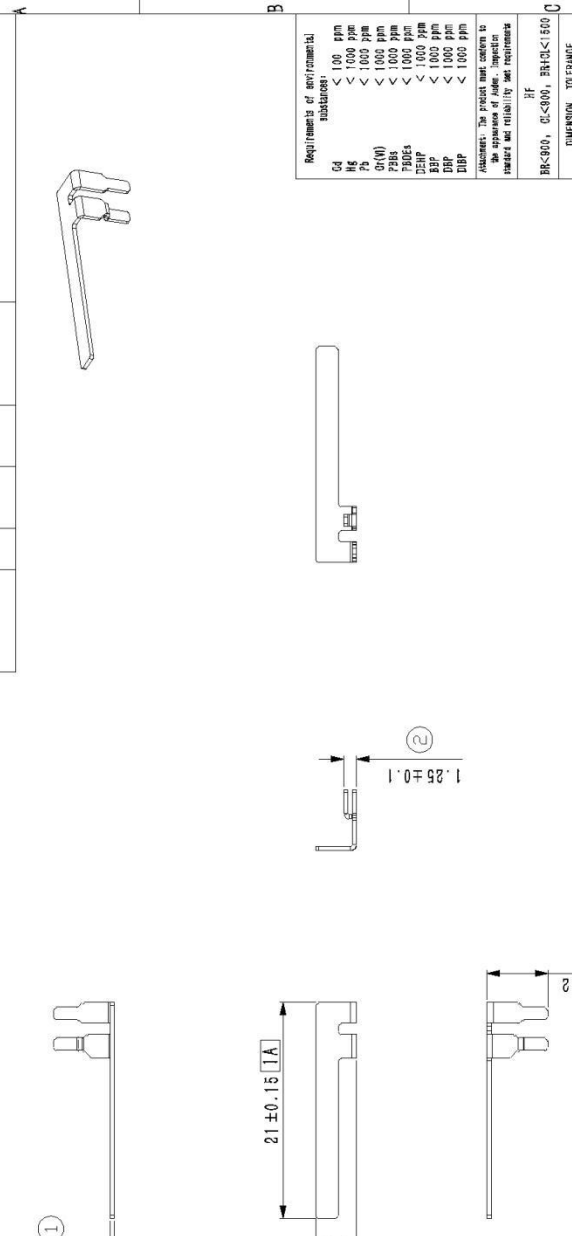
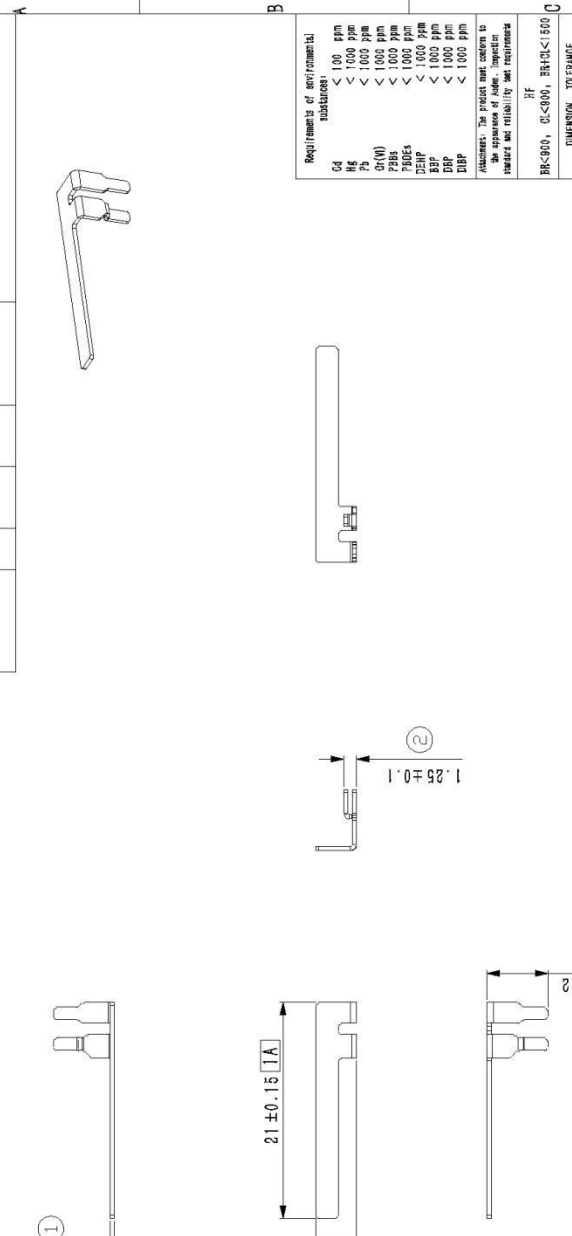
2. Antenna efficiency and gains

Frequency / MHz	Efficiency / dB	Efficiency / %	Gain/ dBi
2400	-4.74	33.57	-0.78
2410	-4.72	33.73	-1.09
2420	-4.69	33.96	-0.1
2430	-3.89	40.83	-0.1
2440	-3.94	40.36	-0.41
2450	-3.87	41.02	-0.58
2460	-3.82	41.5	-0.43
2470	-3.68	42.85	-0.14
2480	-3.89	40.83	0
2490	-3.75	42.17	-0.37
2500	-3.66	43.05	-0.16

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3. Structure chart

1		2		3		4	
Customer Part No	product name	Spec Type	ECN	EDITION	AREA	DATE	CONTENT OF CHANG
I.31.20.01.00246	MT116-BT-V2.0 BT	MT116-BT-V2.0		SP00		8/28/2023	New issue

A		B		C		D	
							

Requirements of environmental conditions:	
Qd	< 100 ppm
Ps	< 1000 ppm
Qd(Q)	< 1000 ppm
PSB	< 1000 ppm
PSBd	< 1000 ppm
DEHP	< 1000 ppm
BBP	< 1000 ppm
DBP	< 1000 ppm

Assumes: The product must conform to the appearance of design. Inspection standard is not reliability test requirements.	
IF	IF
BR<900, CL<900, BRVCL<1600	IF

DIMENSION TOLERANCE	
≤6	±0.05
6<≤30	±0.1
30<≤120	±0.15
120<≤315	±0.20
315<≤1000	±0.3
1000<≤2000	±0.5

S/N		Material		Surface Treatment		Part No	
Name		Drawing No		Part No		Application No	
BT		SUS304		A42023-00		471234-00	
ASM		PR0J		/		BT	

Material		Unit		Document Number/Revision	
/		MM Scale 1:1		AD-QP-0002-24/B	

Total		Check		Approval	
1 pages		1 pages		pages 1	

auden		AUDEN TECHNO (KUNSHAN) CO. LTD	
AD-QP-0002-24/B		Design	

1		2		3		4	

Technical requirements:

- See 3D for dimensions not noted.
- See the tolerance list if the tolerance is not indicated.
- The tolerance of each hole position is 0.05.
- The gap between the uncontrolled angle and the actual bracket is less than 0.10 mm.
- The appearance shall conform to AUDEN inspection specifications.
- The surface of the shrapnel shall be engraved with AUDEN mark (it is not required to be engraved below 5*12).
- The product burr is not more than 0.03 mm.
- Dimensions with "A" are the key dimensions...