

**BLAXH20
200-400MHz**

**TECHNICAL
MANUAL**

Version 003

Sadis BRUKER SPECTROSPIN

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P/N Z31234
DWG-Nr: 905 003

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Schematics

Figure 2.1. BLMX20 / 200-400 Mhz

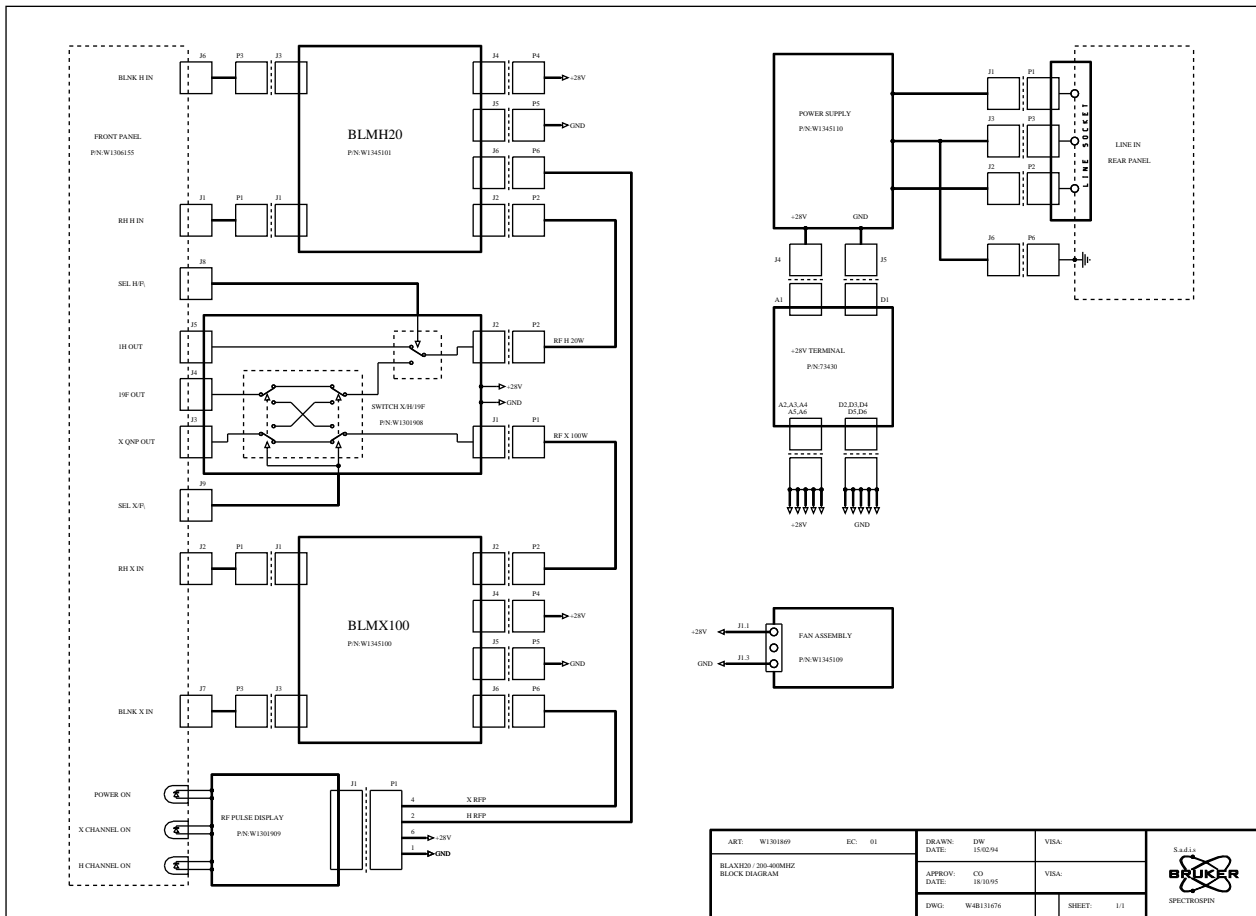


Figure 2.2. BLA power supply assembly 2

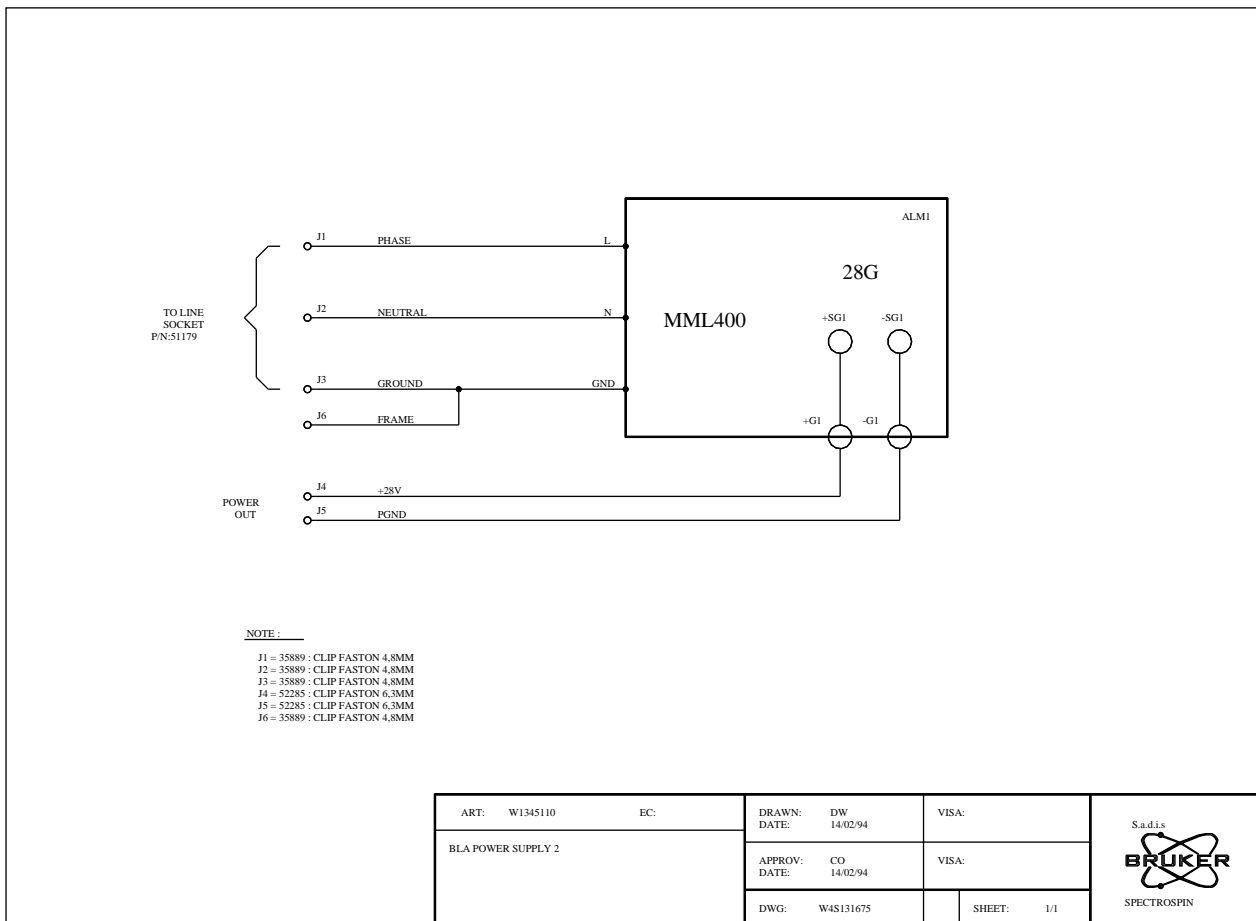
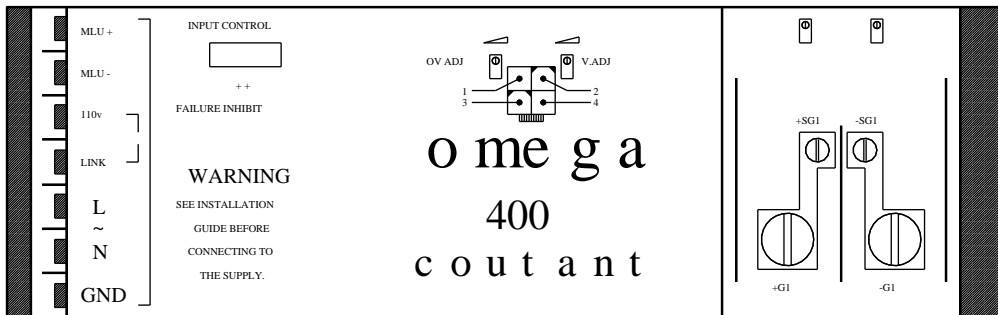


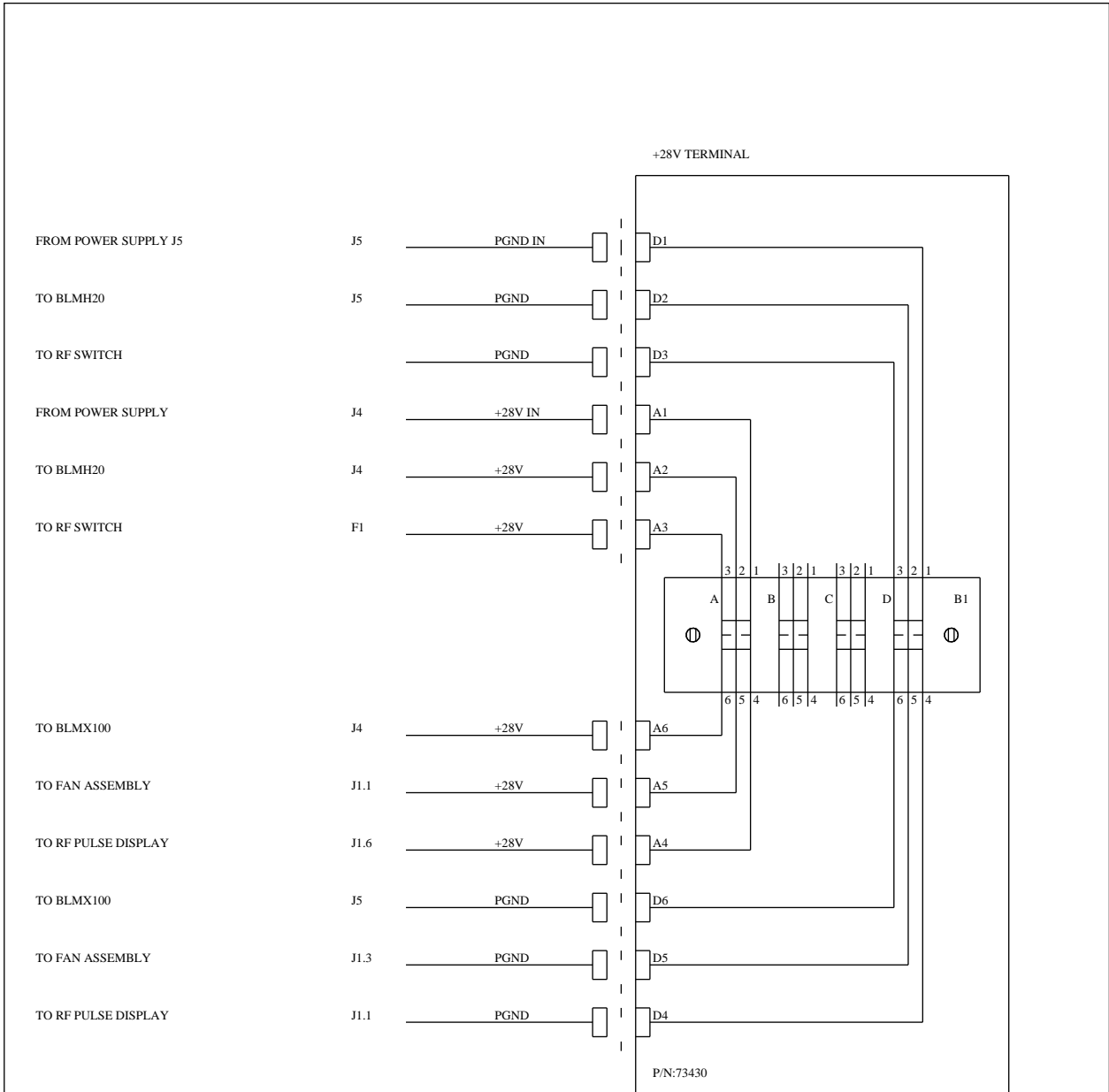
Figure 2.3. Power supply location



ART: W1345110	EC:	DRAWN: DW	DATE: 14/02/94	VISA:
POWER SUPPLY OMEGA 400 28G		APPROV: CO	DATE: 14/02/94	VISA:
P/N:58785		DWG: W4L131675	SHEET: 1/1	



Figure 2.4. +28 volt terminal



NOTE :
1. B1 = 3070-PCM-04-5.033


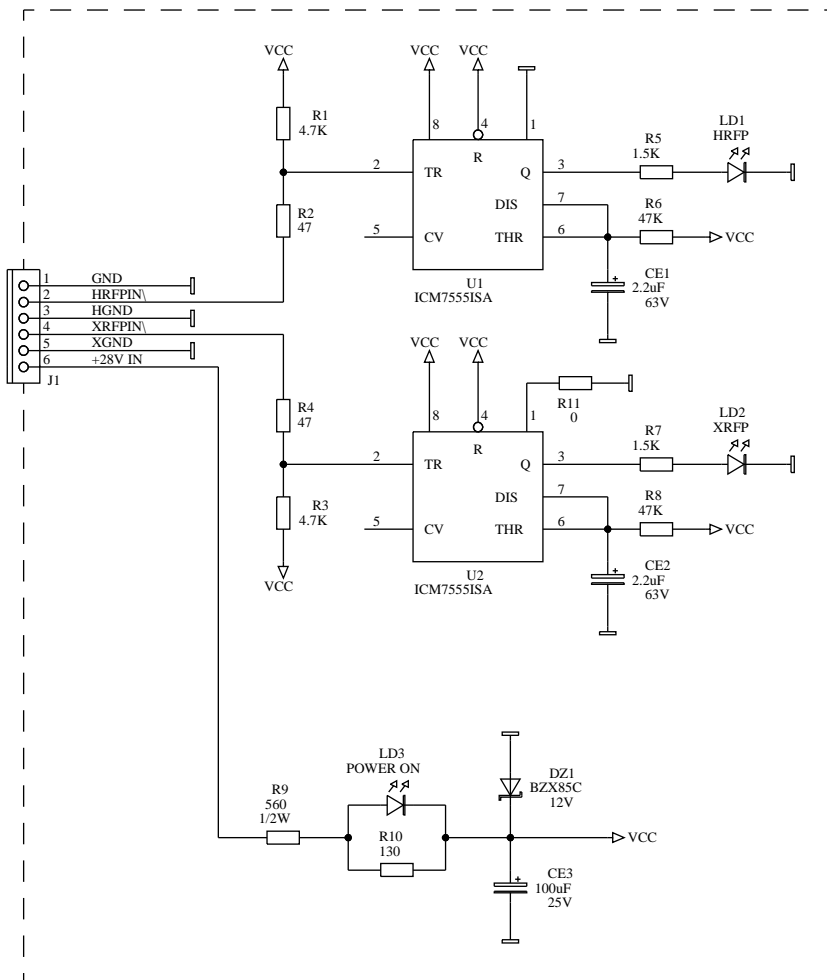
ART: 73430	EC:	DRAWN: DW	VISA:	
+28V TERMINAL ASSEMBLY INTERCONNECT DRAWING		DATE: 16/02/94	DATE: 16/02/94	
		APPROV: CO	VISA:	
		DWG: W4W131674	SHEET: 1/1	

Figure 2.5. RF pulse display




ART: W1301909	EC: 01	DRAWN: DW	VISA:	S.a.d.i.s  SPECTROSPIN
RF PULSE DISPLAY		DATE: 23/06/93	VISA:	
		APPROV: PHB	VISA:	
		DATE: 23/06/93		
		DWG: W4S131450	SHEET: 1/1	

Figure 2.6. RF pulse display layout

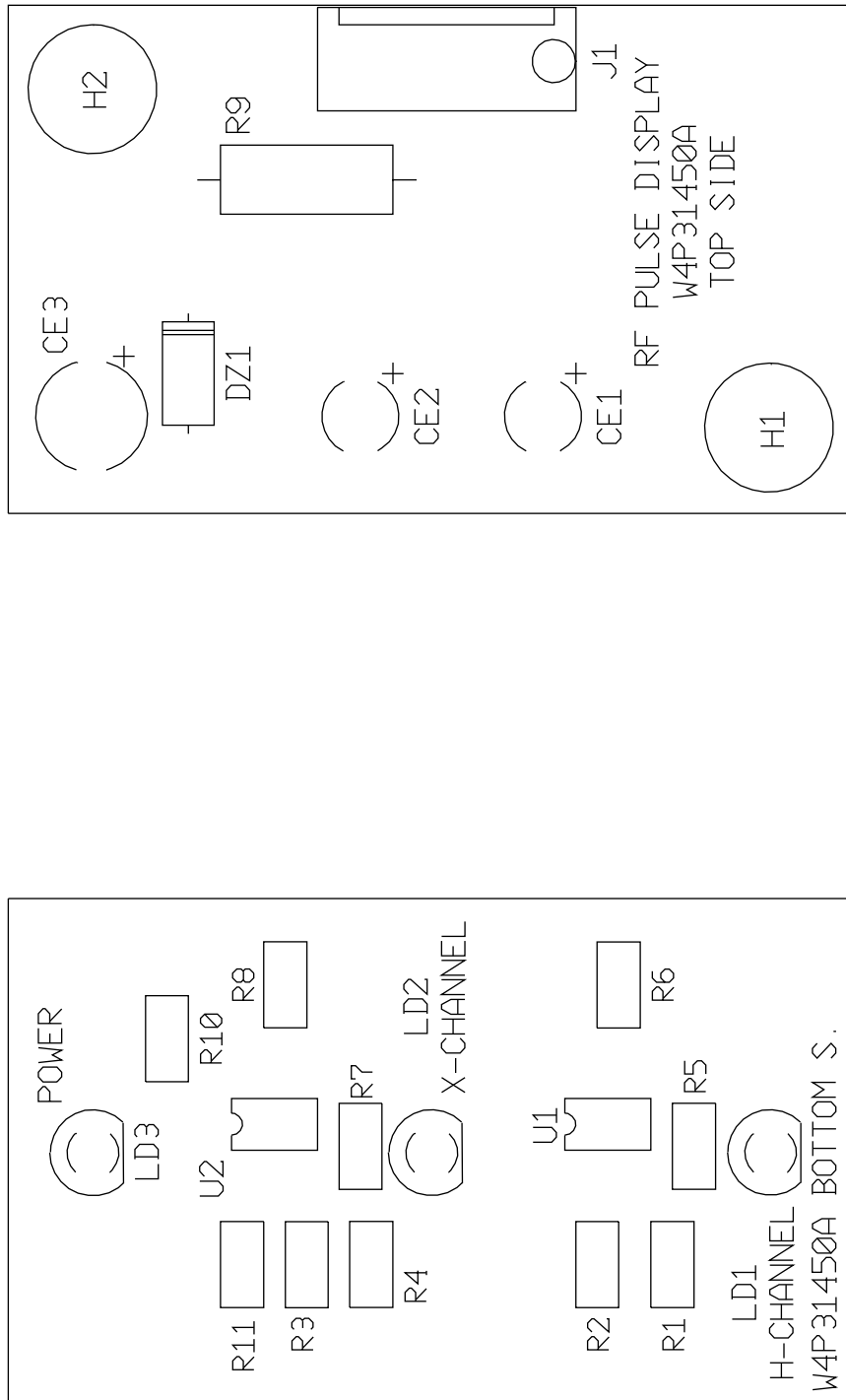
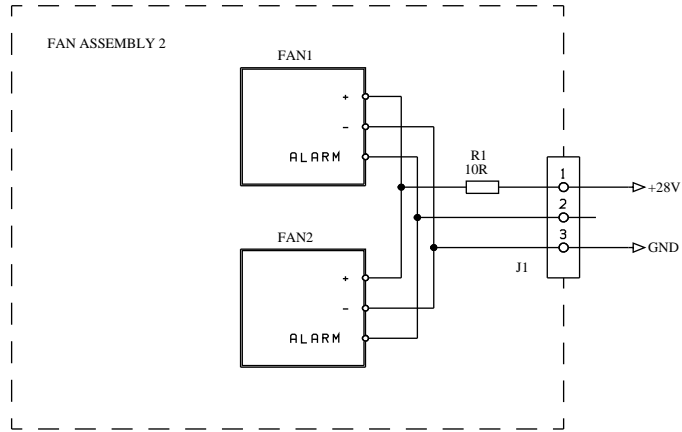


Figure 2.7. Fan assembly 2




ART: W1345109	EC:	DRAWN: DW	VISA:	S.a.d.i.s  SPECTROSPIN
FAN ASSEMBLY 2		DATE: 11/02/94	VISA:	
		APPROV: CO	VISA:	
		DATE: 22/02/96		
		DWG: W4S131673	SHEET: 1/1	

Figure 2.8. BLMH20 / 200-400 Mhz

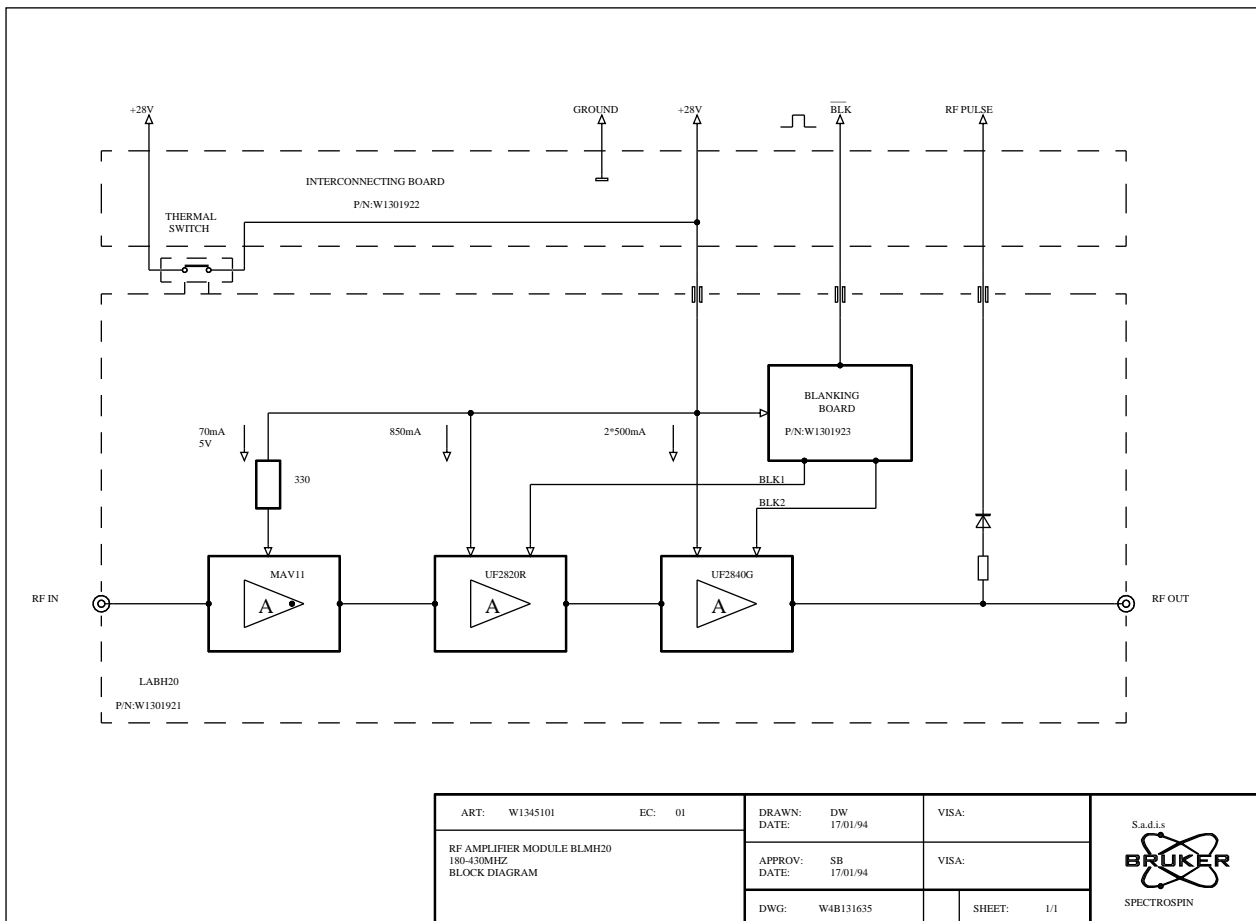


Figure 2.9. LABH20 / 200-400 Mhz

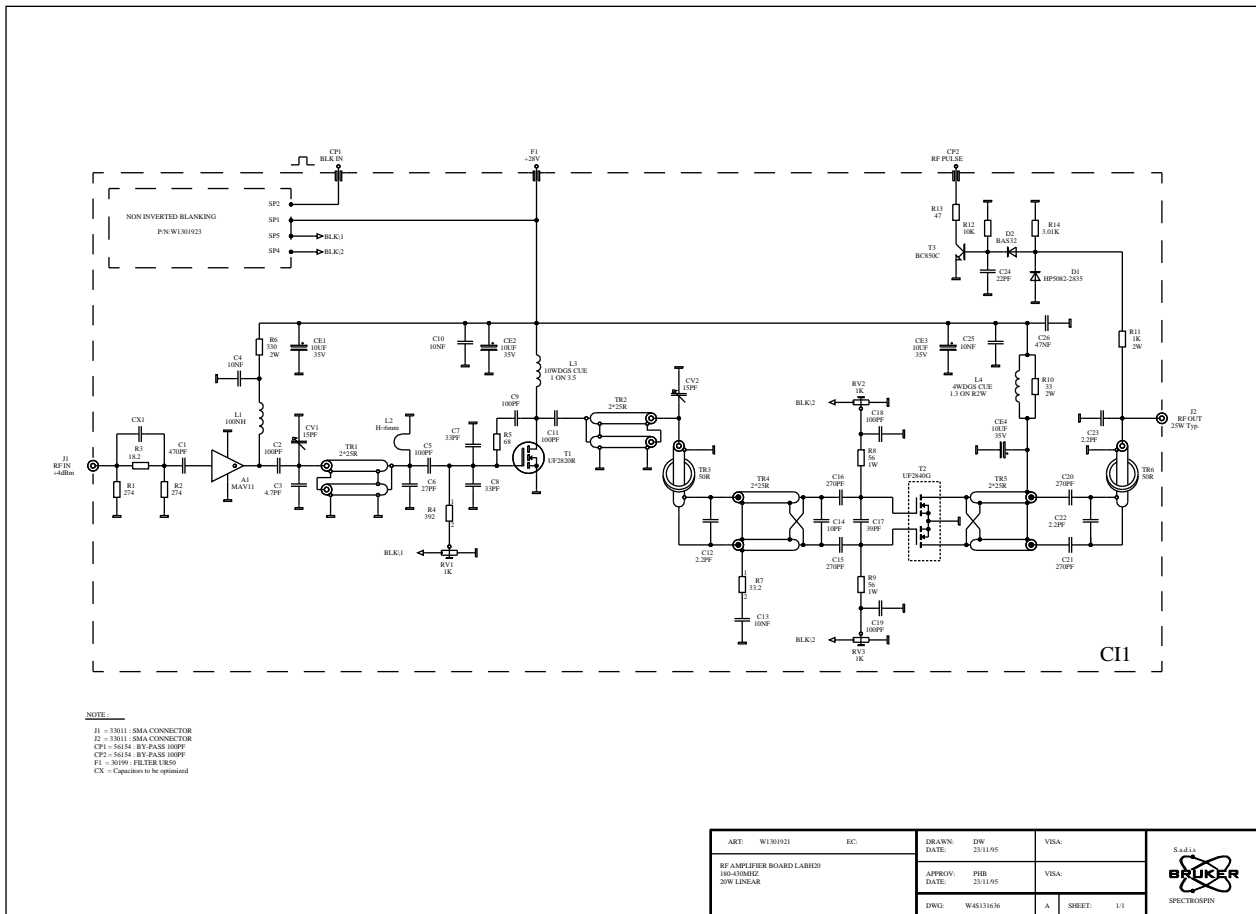


Figure 2.10. Blanking board

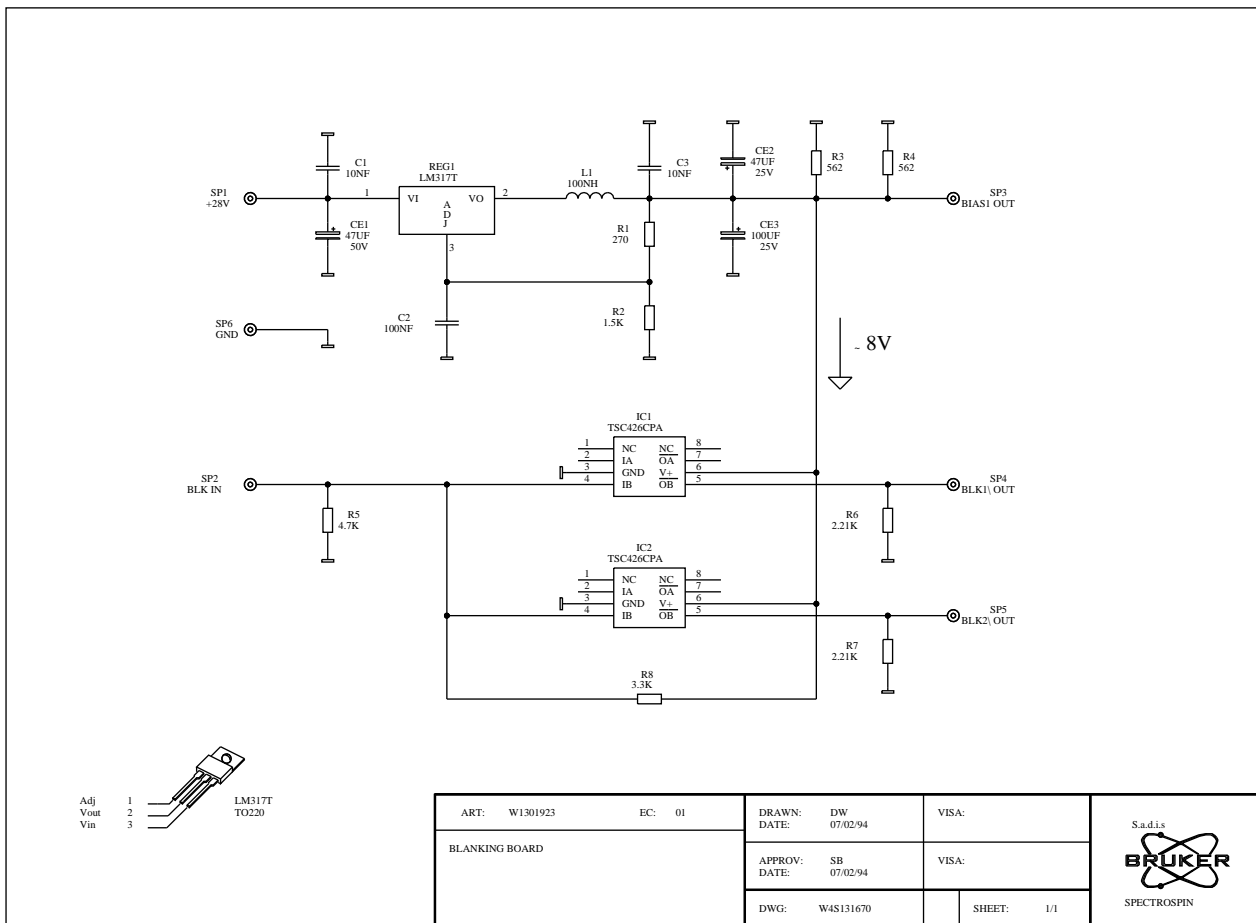


Figure 2.11. Blanking board layout

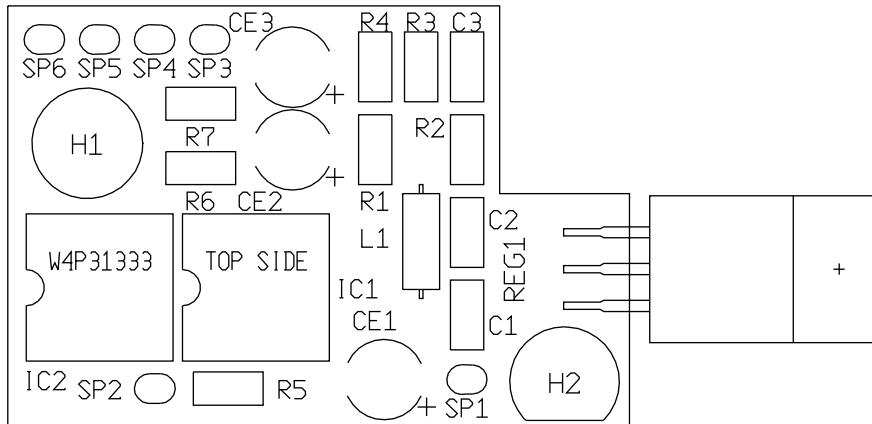
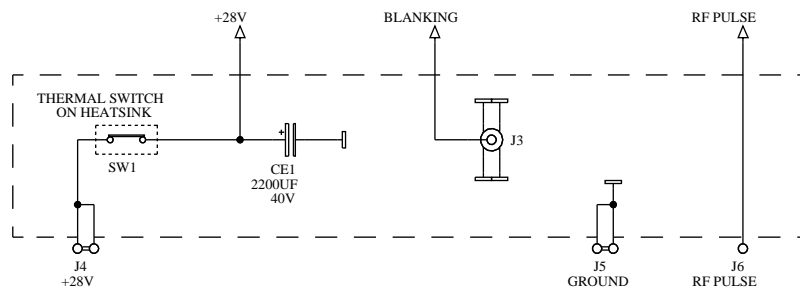


Figure 2.12. BLMH20 - Interconnecting board



NOTE :

SW1 = 32294 : THERMOCLIPS 70° C


ART: W1301922	EC: 01	DRAWN: DW	VISA:	S.a.d.i.s  SPECTROSPIN
INTERCONNECTING BOARD		DATE: 08/02/94	VISA:	
		APPROV: SB	VISA:	
		DATE: 08/02/94		
		DWG: W4S131484	SHEET: 1/1	

Figure 2.13. BLMX100 / 6-202 Mhz

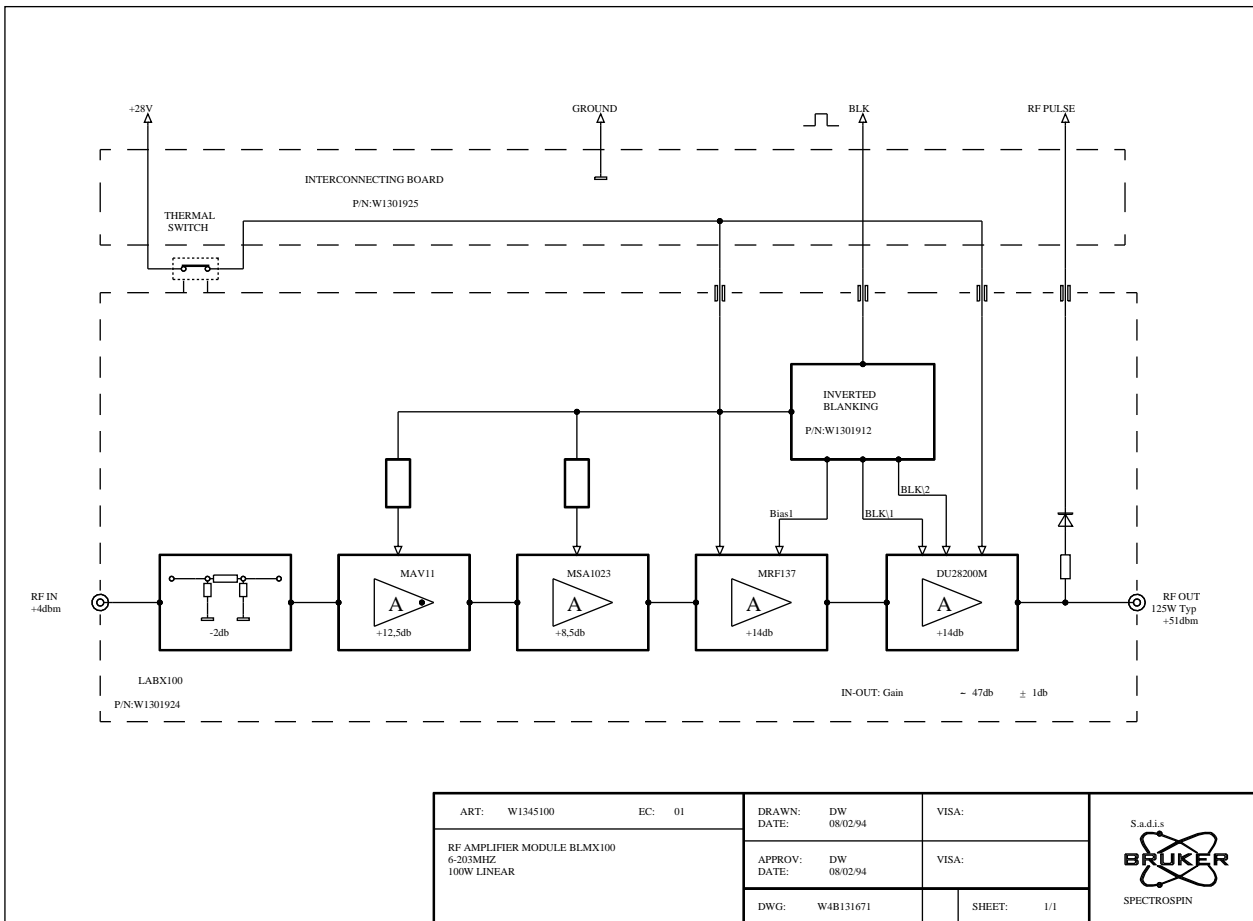


Figure 2.14. LABX100 / 6-202 Mhz

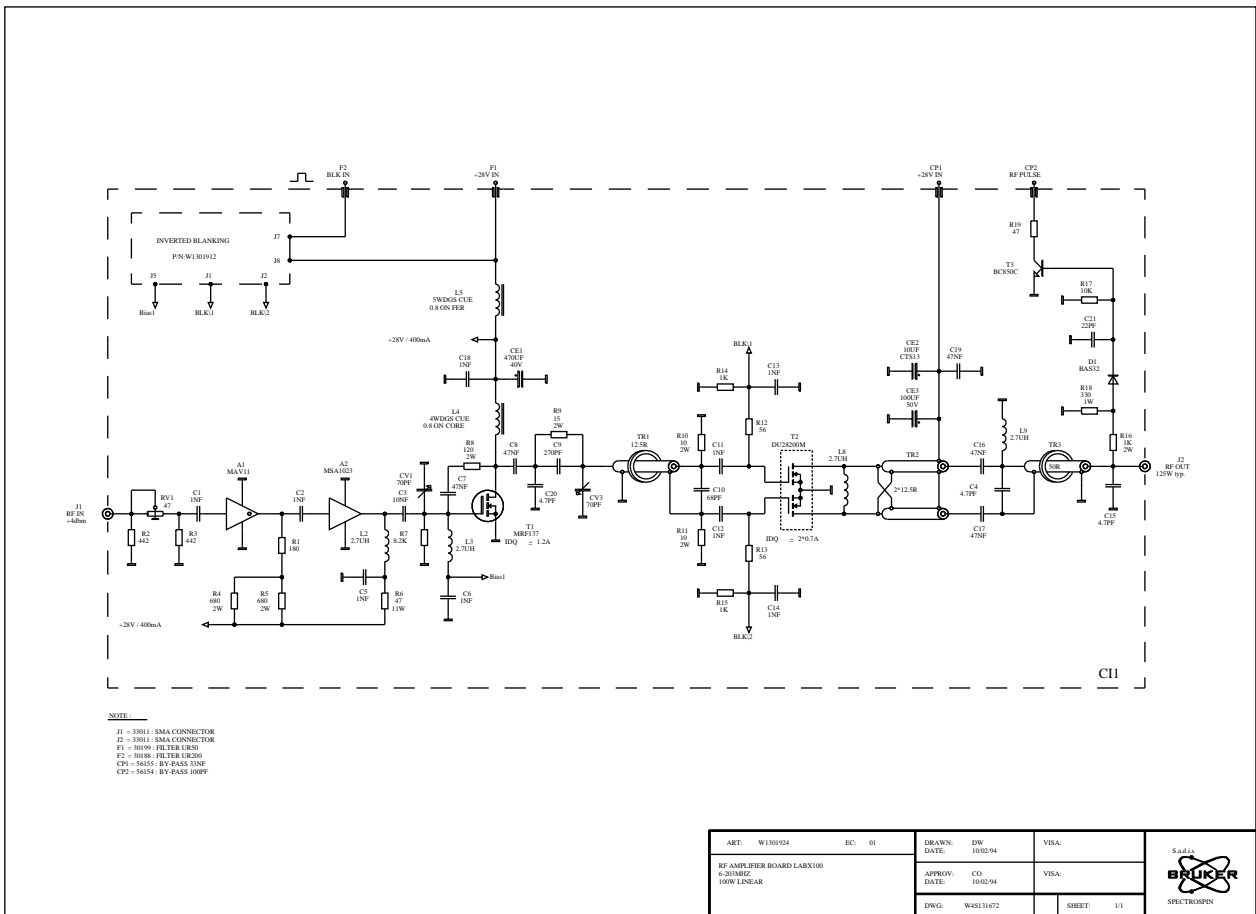
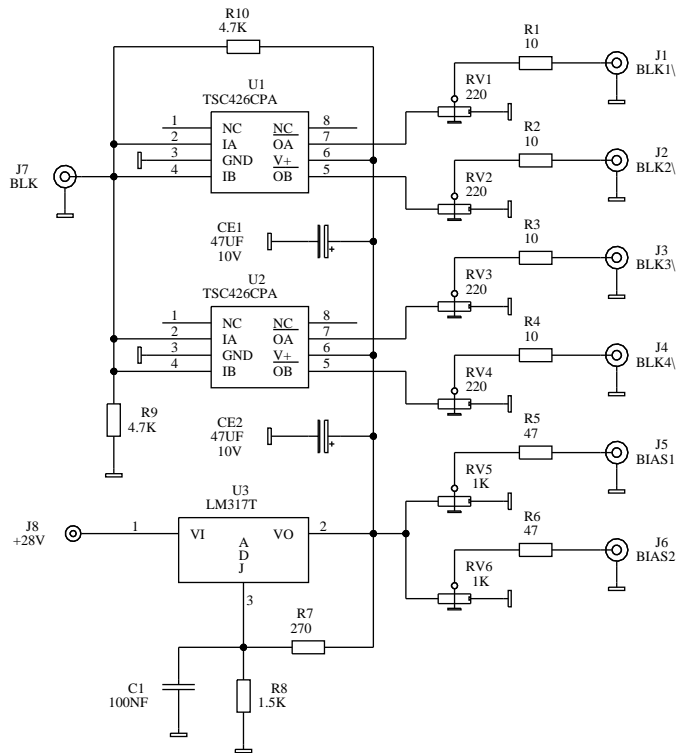


Figure 2.15. Inverted blanking




ART: W1301912	EC: 01	DRAWN: DW DATE: 13/09/93	VISA:	S.a.d.i.s  SPECTROSPIN
INVERTED BLANKING		APPROV: CO DATE: 13/09/93	VISA:	
		DWG: W4S131507	SHEET: 1/1	

Figure 2.16. Inverted blanking layout

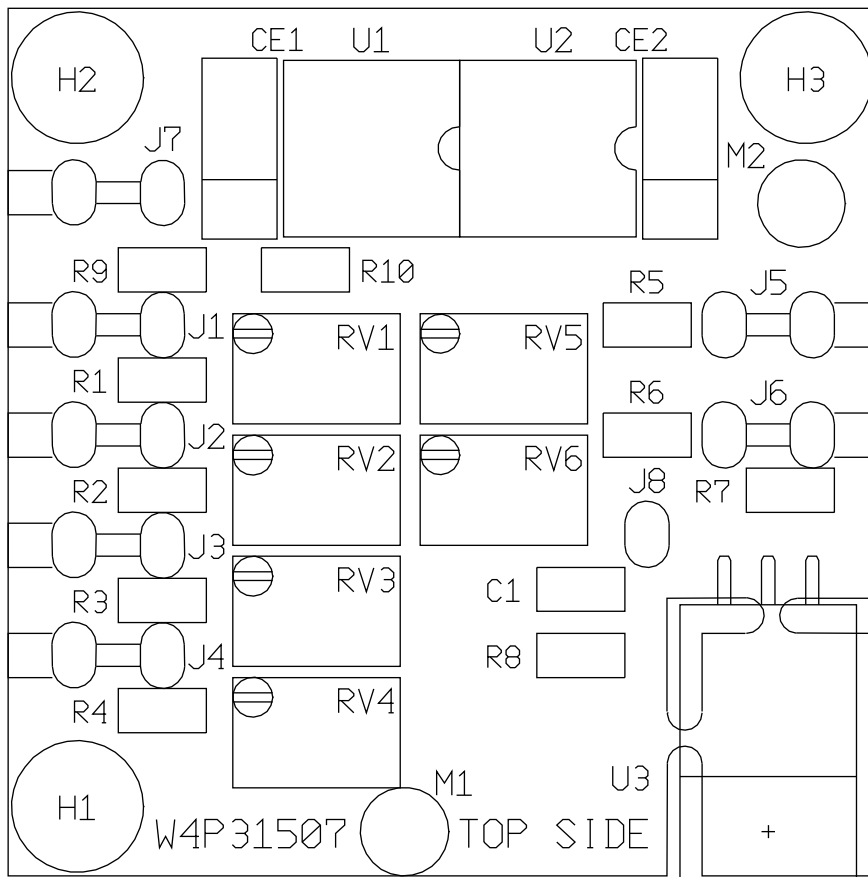
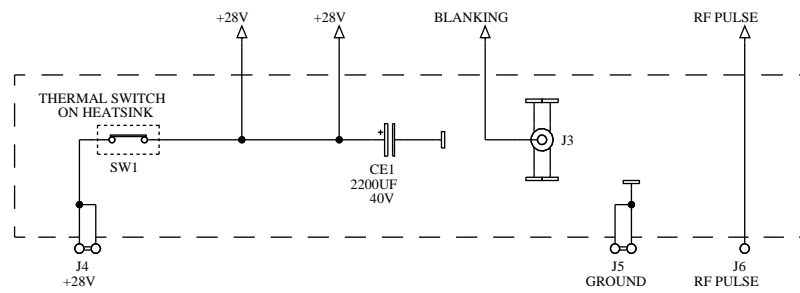


Figure 2.17. BLMX100 interconnecting board



NOTE:

SW1 = 32294 : THERMOCLIPS 70° C


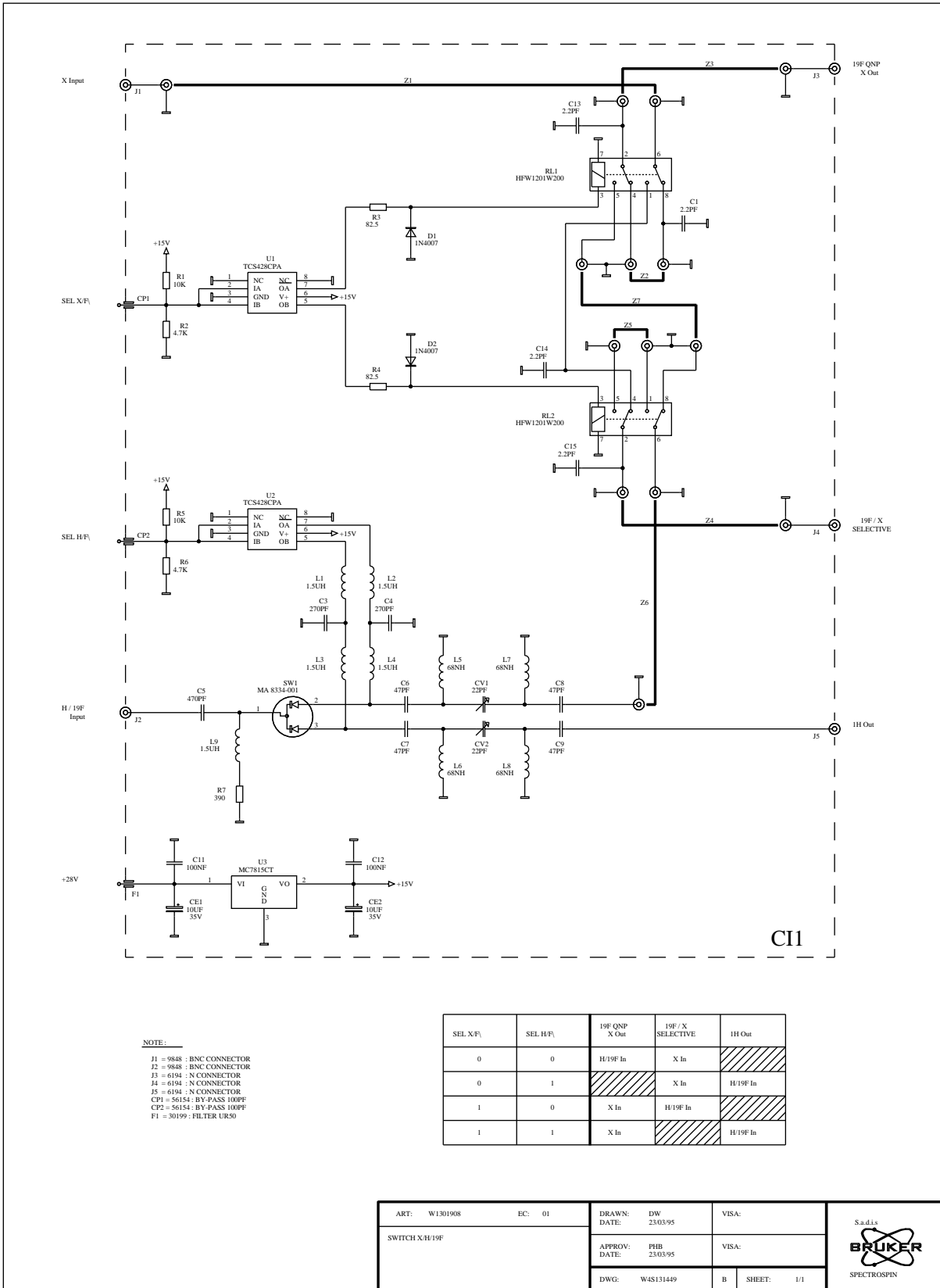
ART: W1301925	EC: 01	DRAWN: DW	VISA:	S.a.d.i.s  SPECTROSPIN
INTERCONNECTING BOARD		DATE: 10/02/94	VISA:	
		APPROV: CO	VISA:	
		DATE: 10/02/94		
		DWG: W4S131483	SHEET: 1/1	

Figure 2.18. Switch XH19F



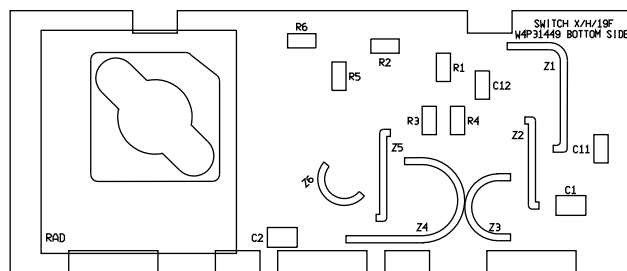
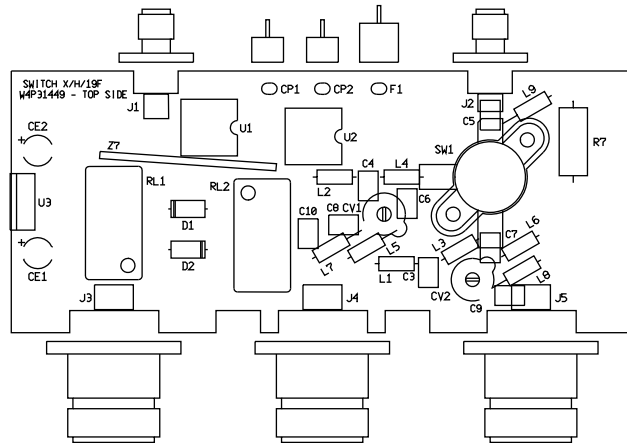
NOTE:
 J1 = 9848 : BNC CONNECTOR
 J2 = 9848 : BNC CONNECTOR
 J3 = 6194 : N CONNECTOR
 J4 = 6194 : N CONNECTOR
 J5 = 6194 : N CONNECTOR
 CP1 = 56154 : BY-PASS 100PF
 CP2 = 56154 : BY-PASS 100PF
 F1 = 30199 : FILTER UR50

SEL X/F ₁	SEL H/F ₁	19F QNP X Out	19F / X SELECTIVE	1H Out
0	0	H/19F In	X In	
0	1		X In	H/19F In
1	0	X In	H/19F In	
1	1	X In		H/19F In

ART: W1301908	EC: 01	DRAWN: DW 23/03/95	VISA:
SWITCH X/H/19F		APPROV: PHB 23/03/95	VISA:
		DWG: WAS131449	B SHEET: 1/1

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Figure 2.19. Switch XH19F layout



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