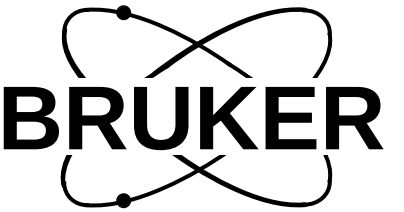

BLAXH20
200-400MHz

TECHNICAL MANUAL

Version 003

Sadis BRUKER SPECTROSPIN

This manual was written by

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Wissembourg, FRANCE
P/N: W1302176

Updated for BASH 2.0 by U. Roos - December 1996

P/N Z31234
DWG-Nr: 905 003

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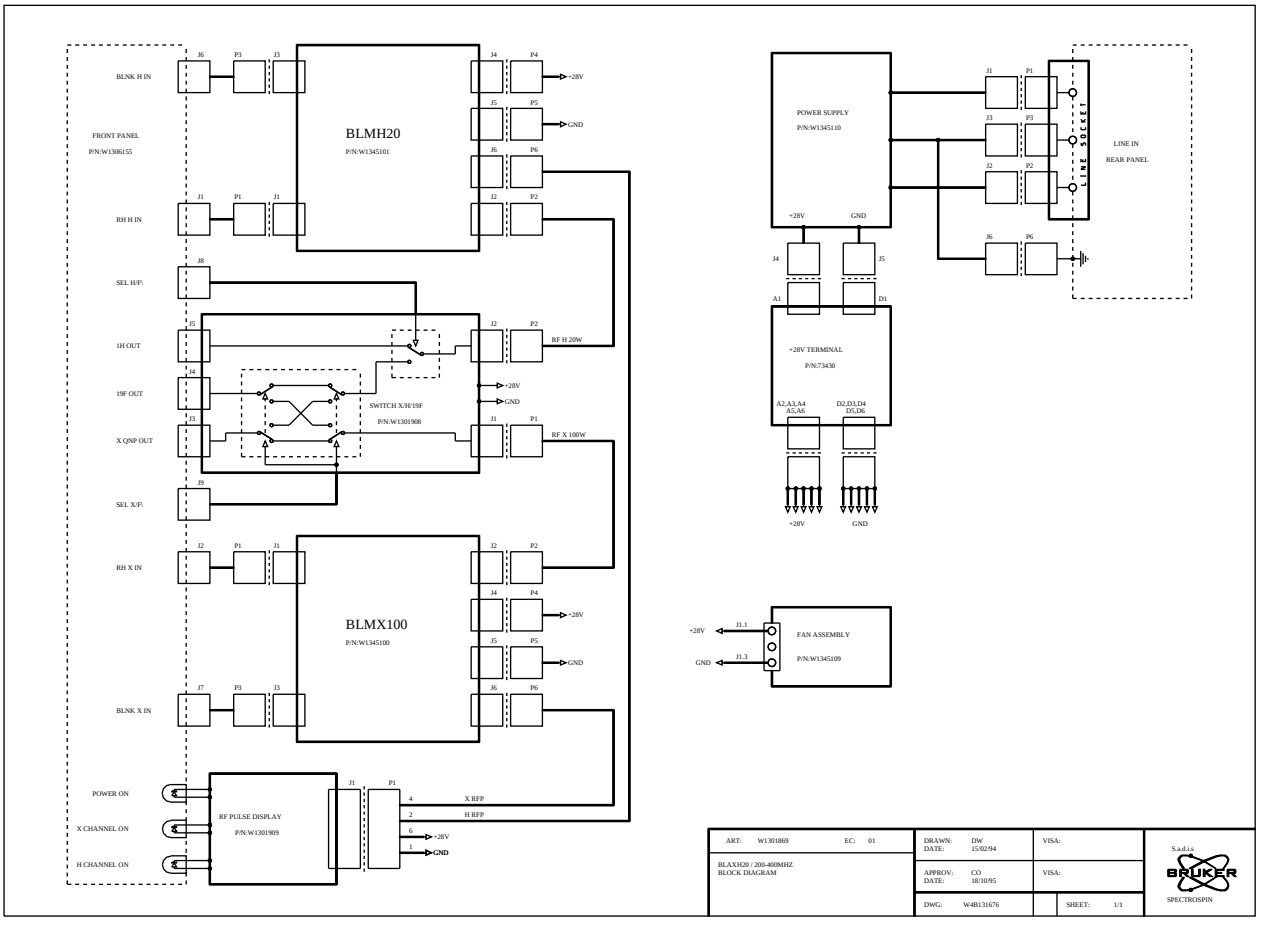


Figure 2.2. BLA power supply assembly 2

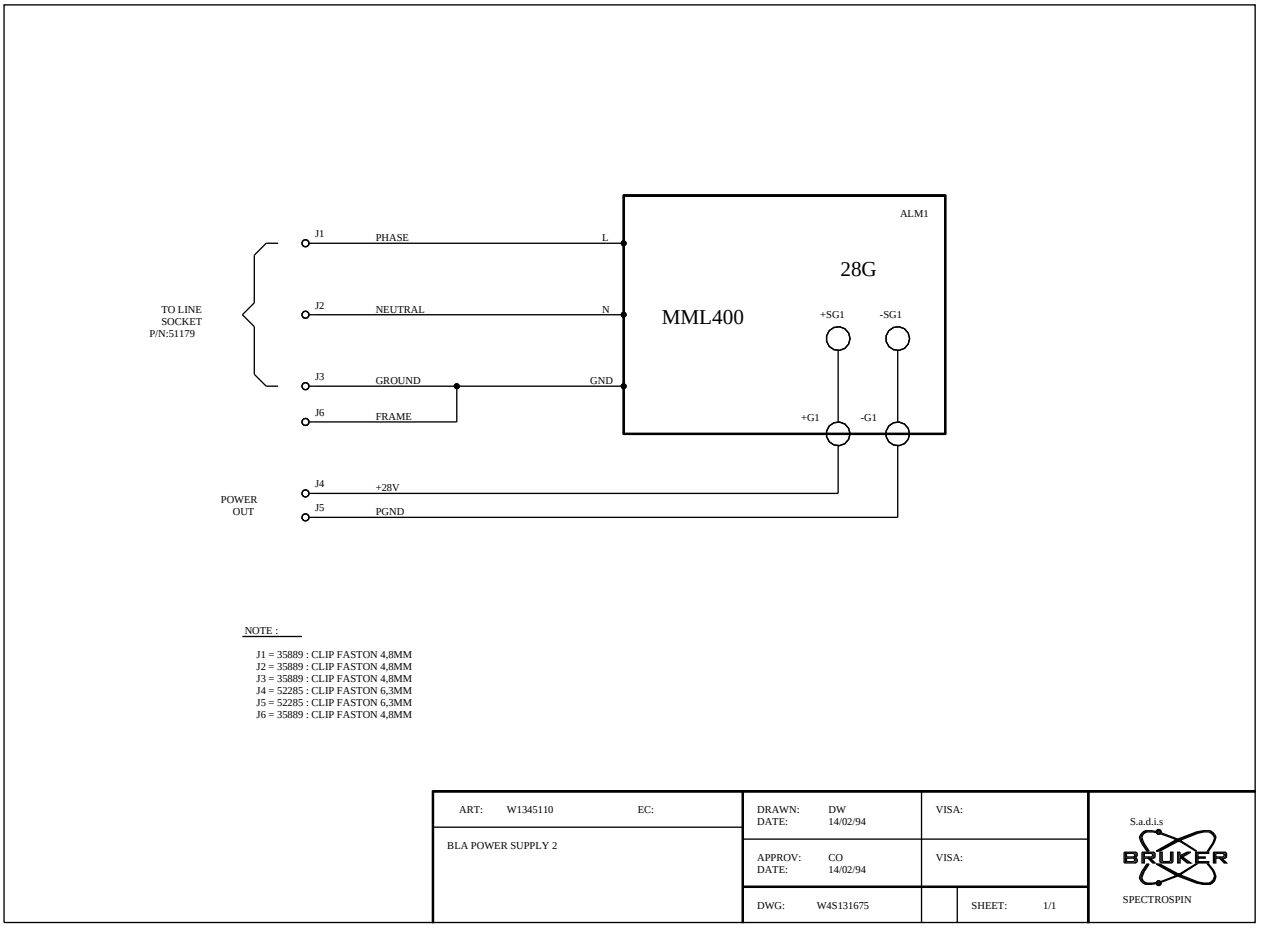


Figure 2.3. Power supply location

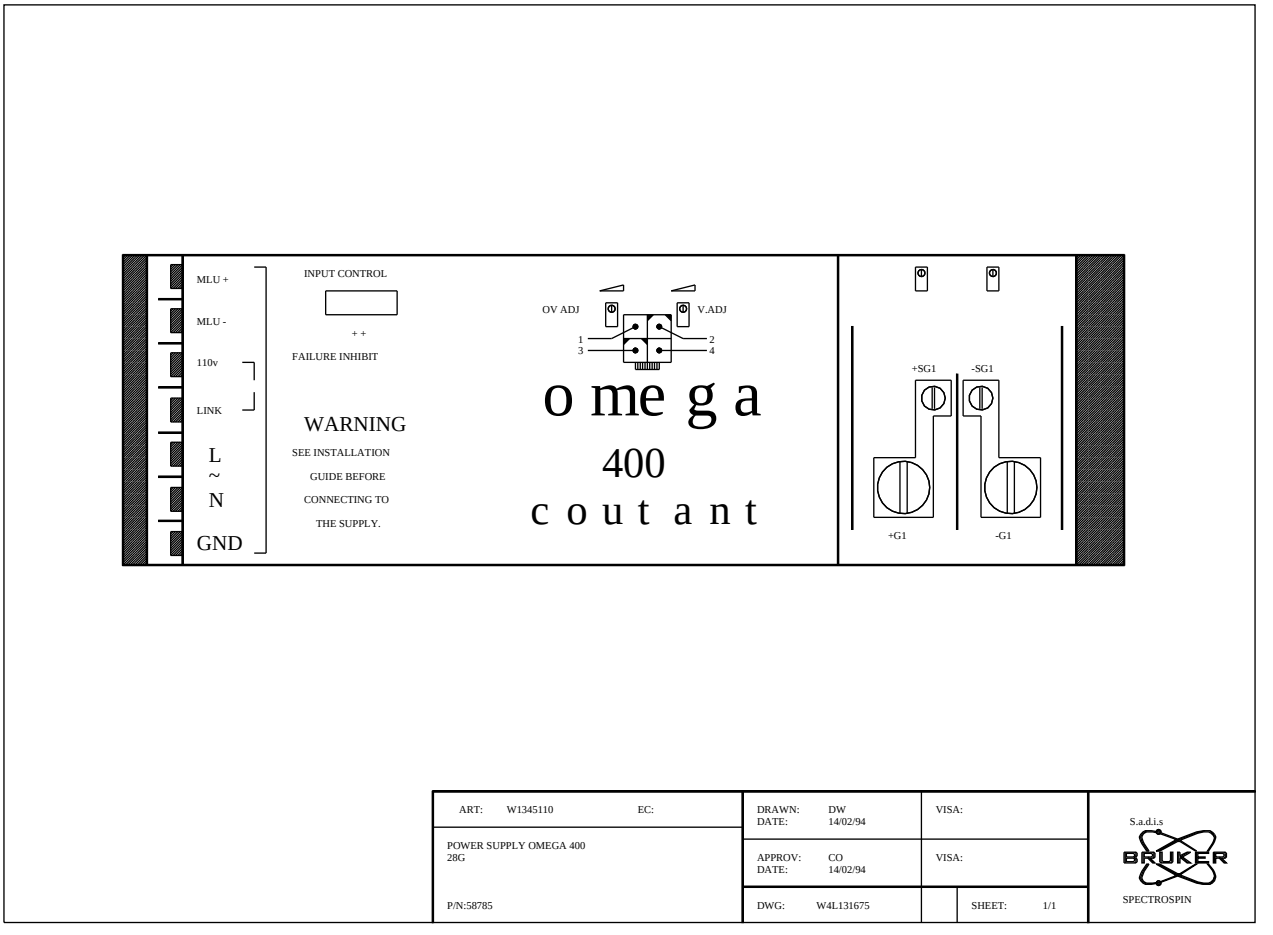


Figure 2.4. +28 volt terminal

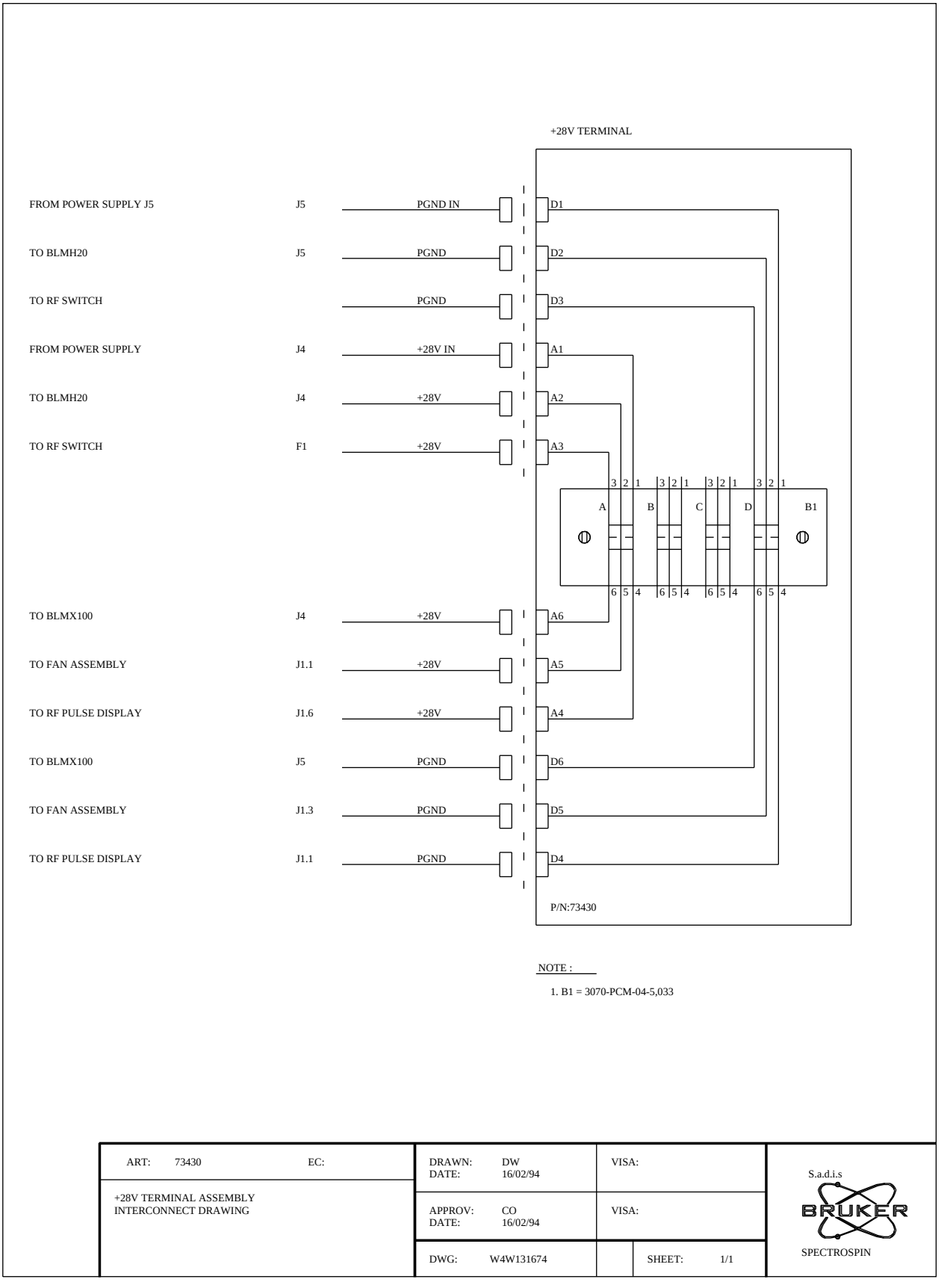
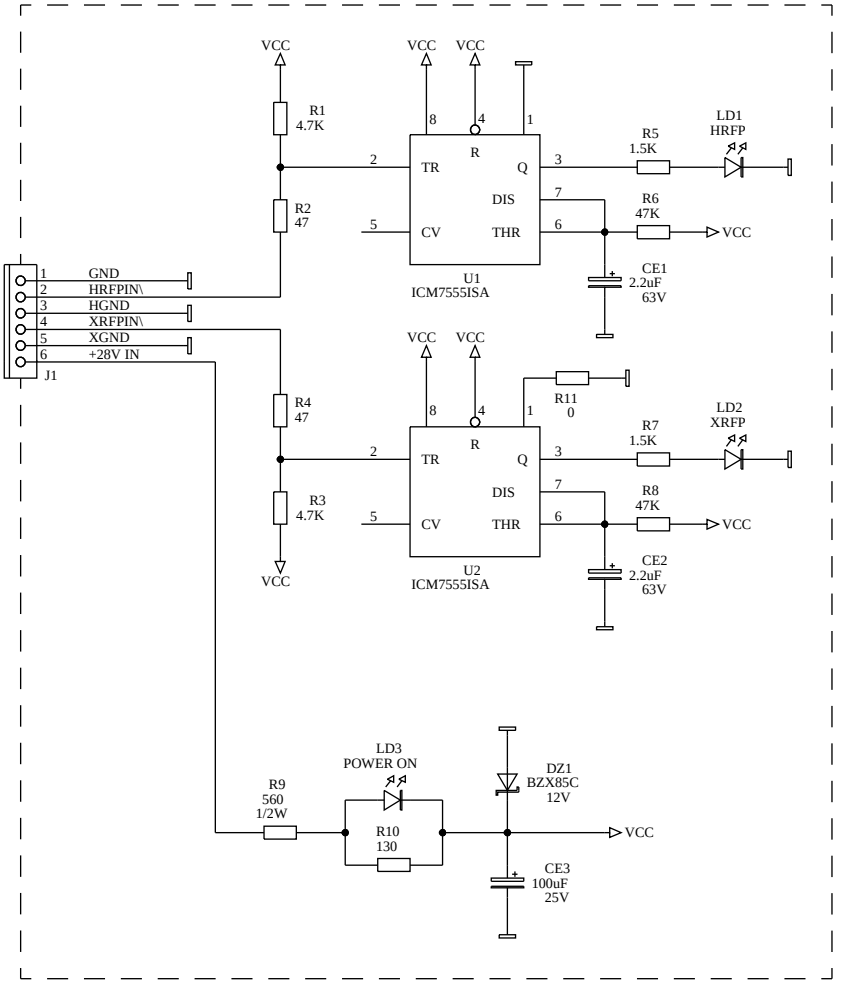
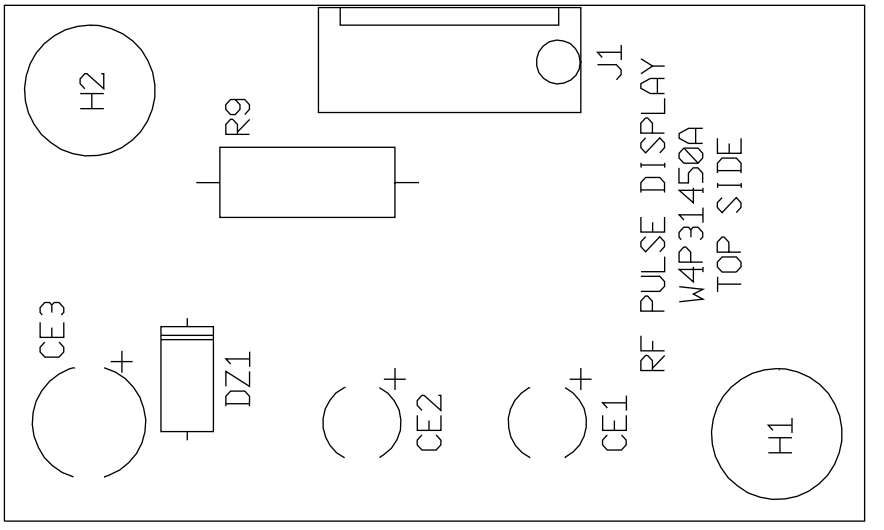


Figure 2.5. RF pulse display



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

Figure 2.6. RF pulse display layout



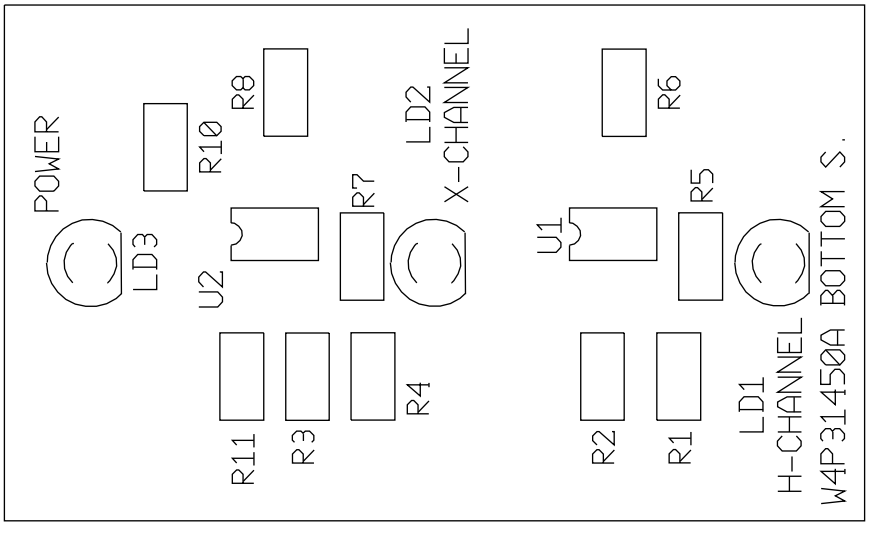
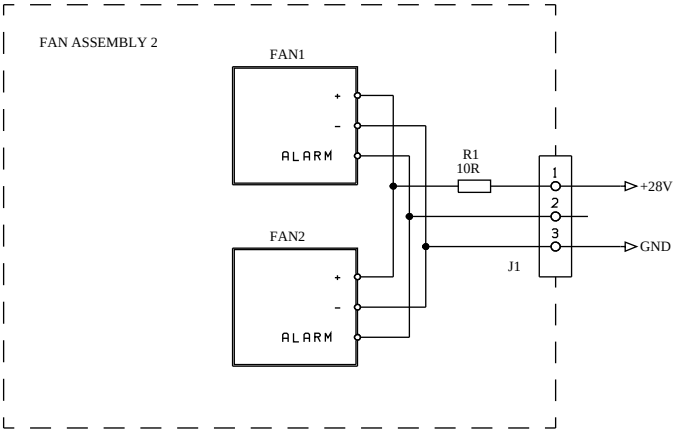


Figure 2.7. Fan assembly 2



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

Figure 2.8. BLMH20 / 200-400 Mhz

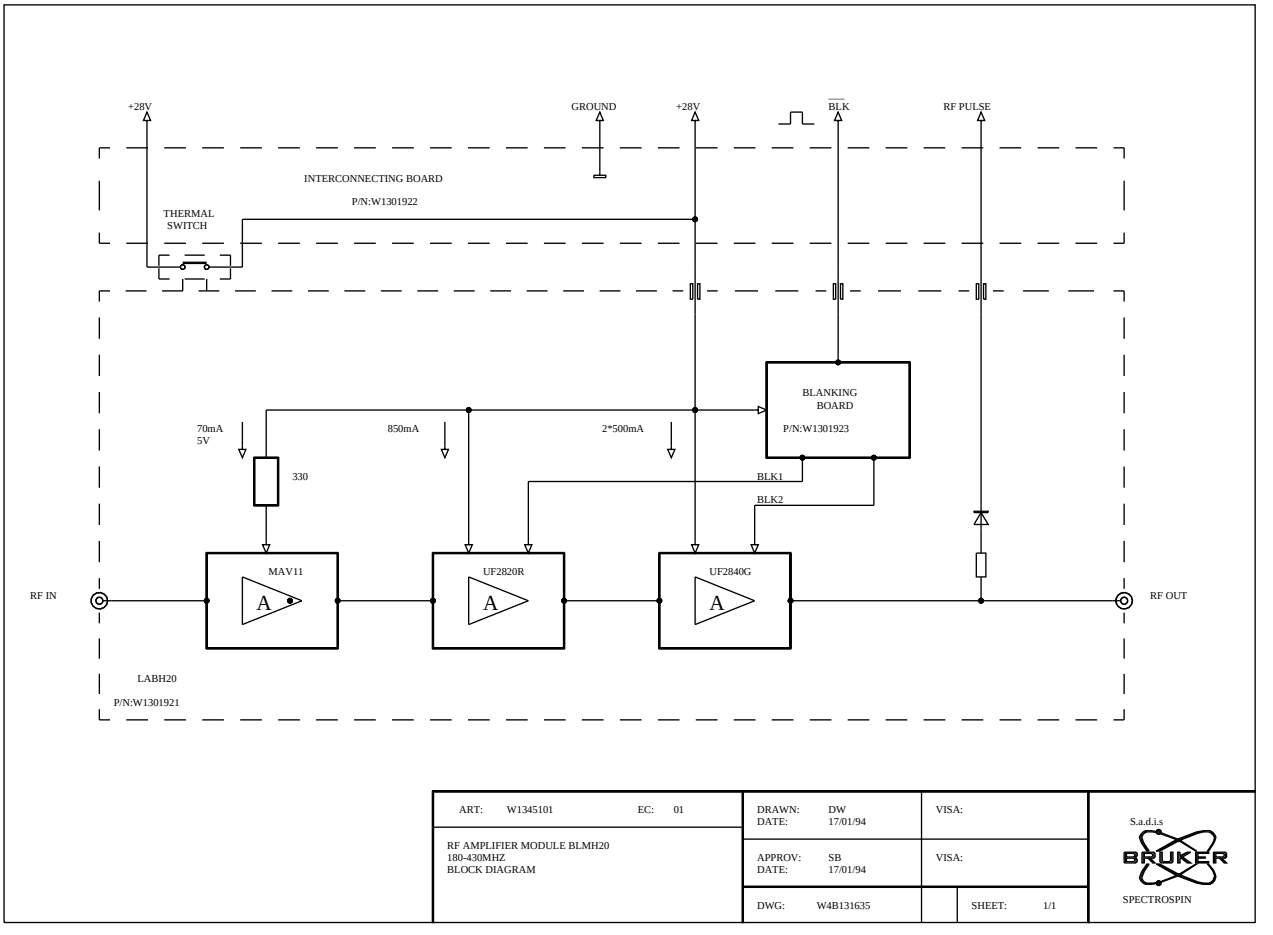
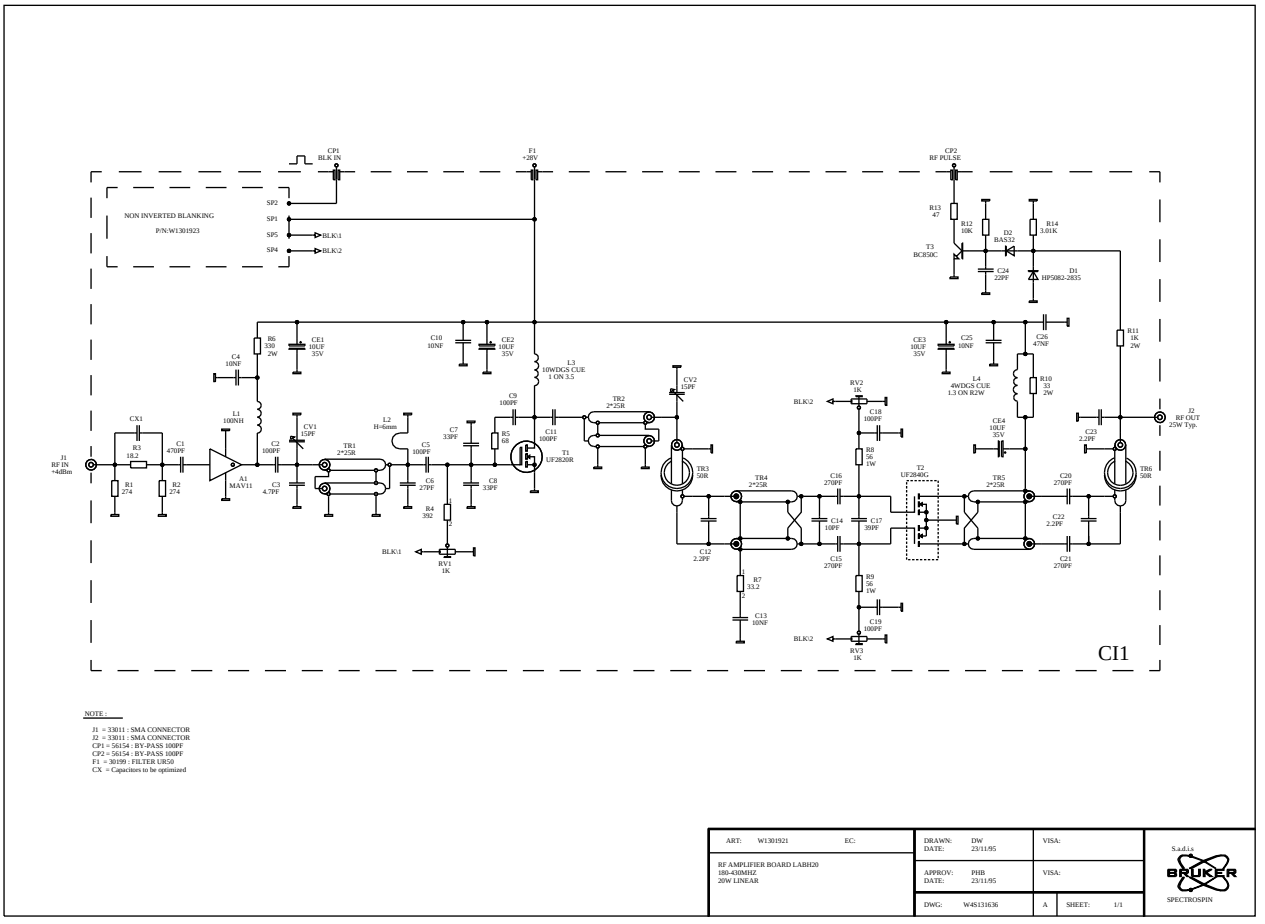


Figure 2.9. LABH20 / 200-400 Mhz



NOTE :

J1 = 33011 : SMA CONNECTOR
J2 = 33011 : SMA CONNECTOR
CP1 = 56154 : BY-PASS 100PF
CP2 = 56154 : BY-PASS 100PF
F1 = 30199 : FILTER UR50
CX = Capacitors to be optimized

ART: W1301921 EC:	DRAWN: DW DATE: 23/11/95	VISA:	S.a.d.i.s BRUKER SPECTROSPIN
RF AMPLIFIER BOARD LABH20 180-430MHZ 20W LINEAR	APPROV: PHB DATE: 23/11/95	VISA:	
	DWG: W4S131636	A SHEET: 1/1	

Figure 2.10. Blanking board

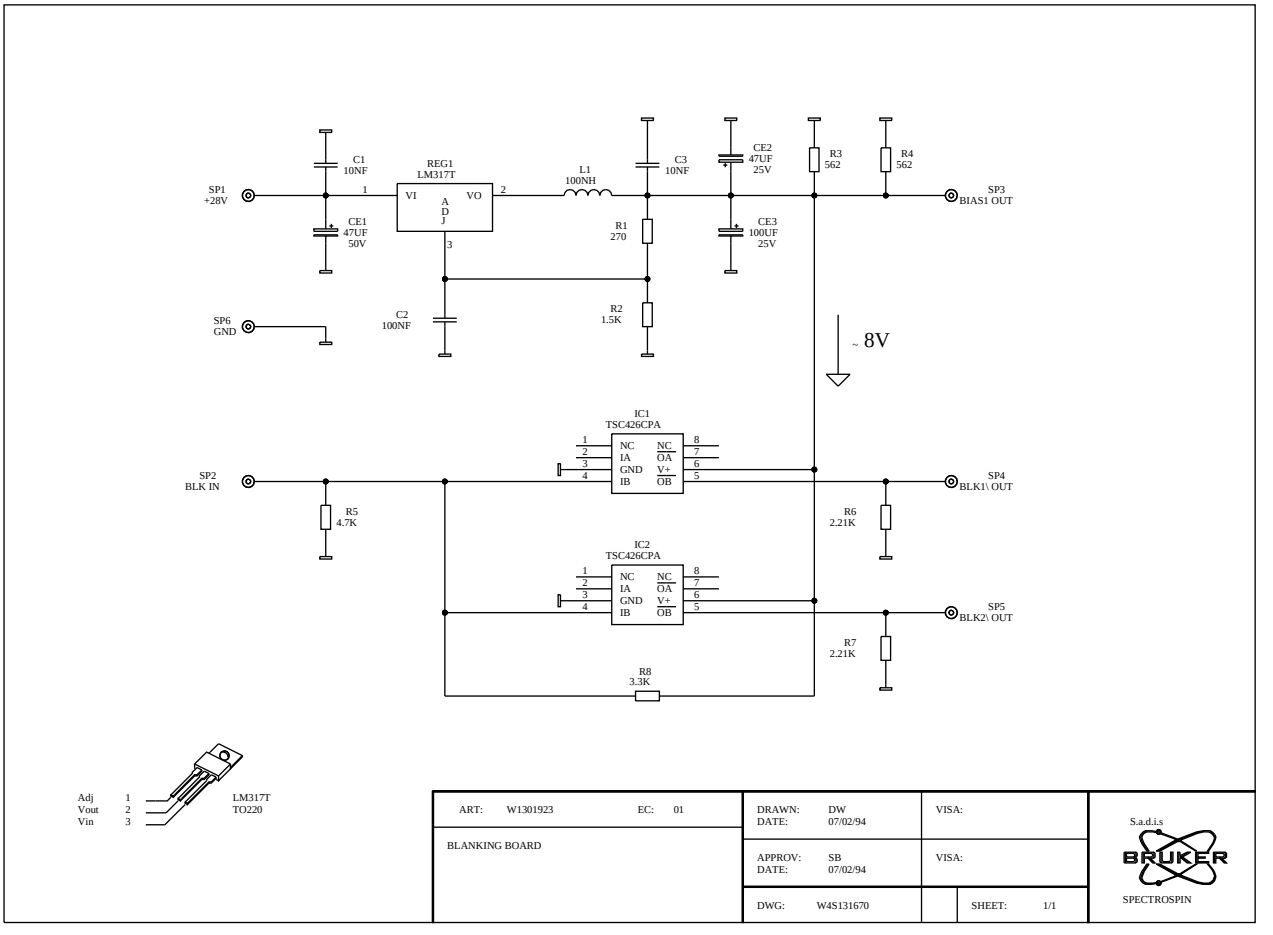


Figure 2.11. Blanking board layout

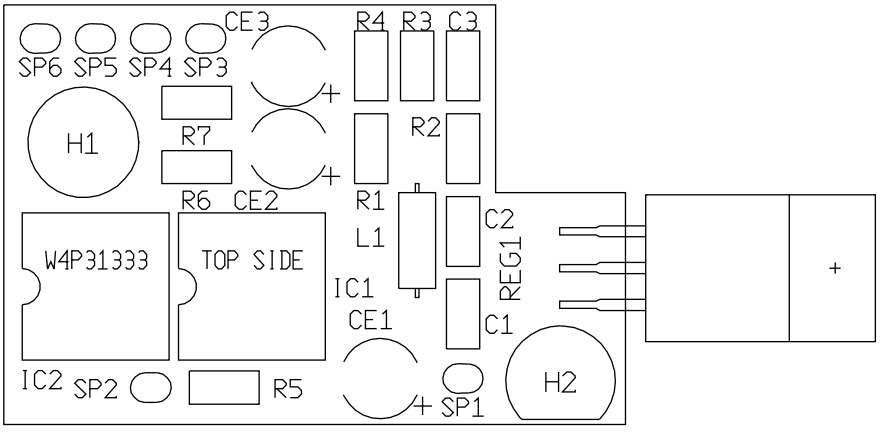
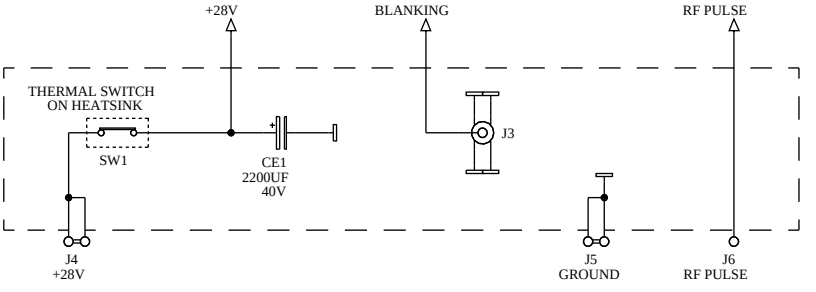


Figure 2.12. BLMH20 - Interconnecting board



NOTE :

SW1 = 32294 : THERMOCLIPS 70`C

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

Figure 2.13. BLMX100 / 6-202 Mhz

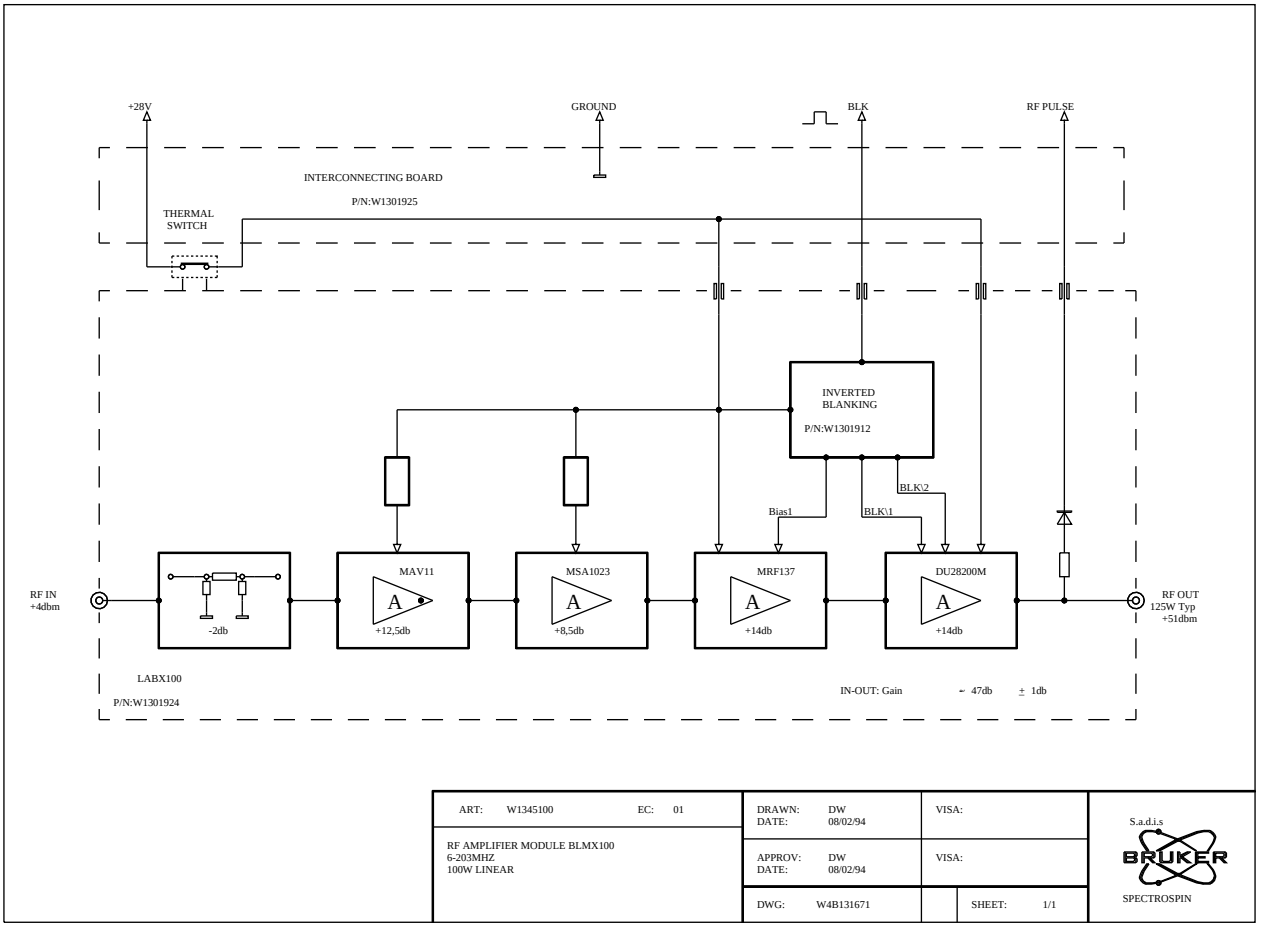


Figure 2.14. LABX100 / 6-202 Mhz

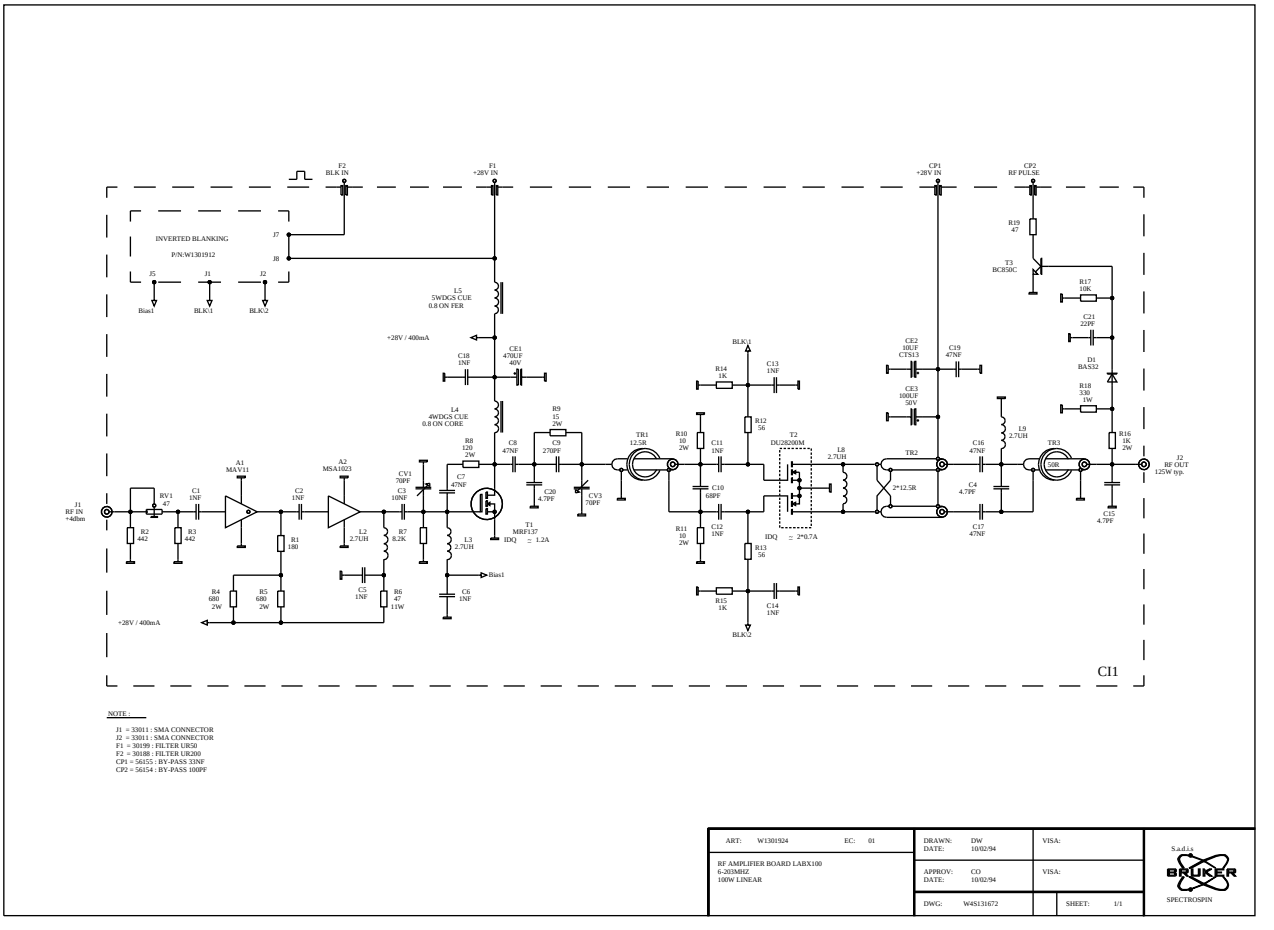
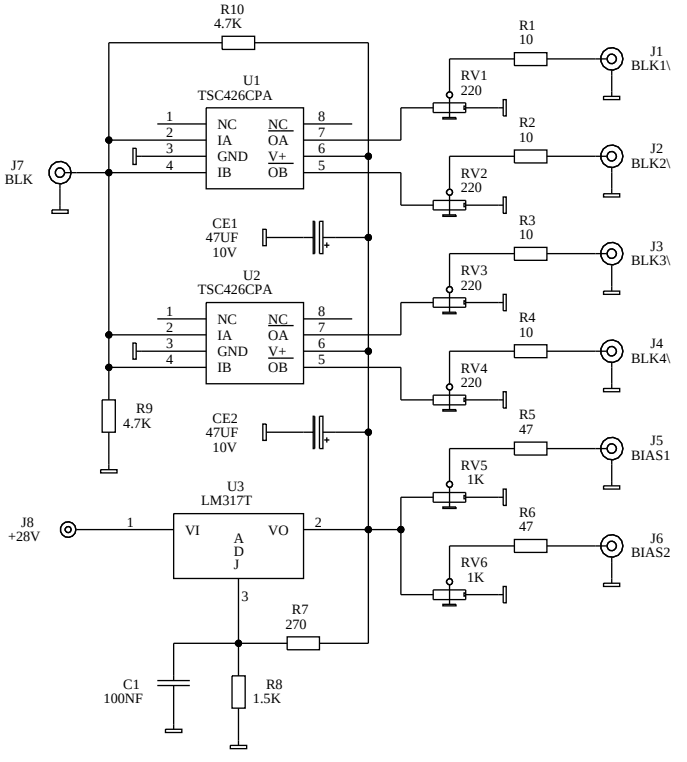


Figure 2.15. Inverted blanking



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

Figure 2.16. Inverted blanking layout

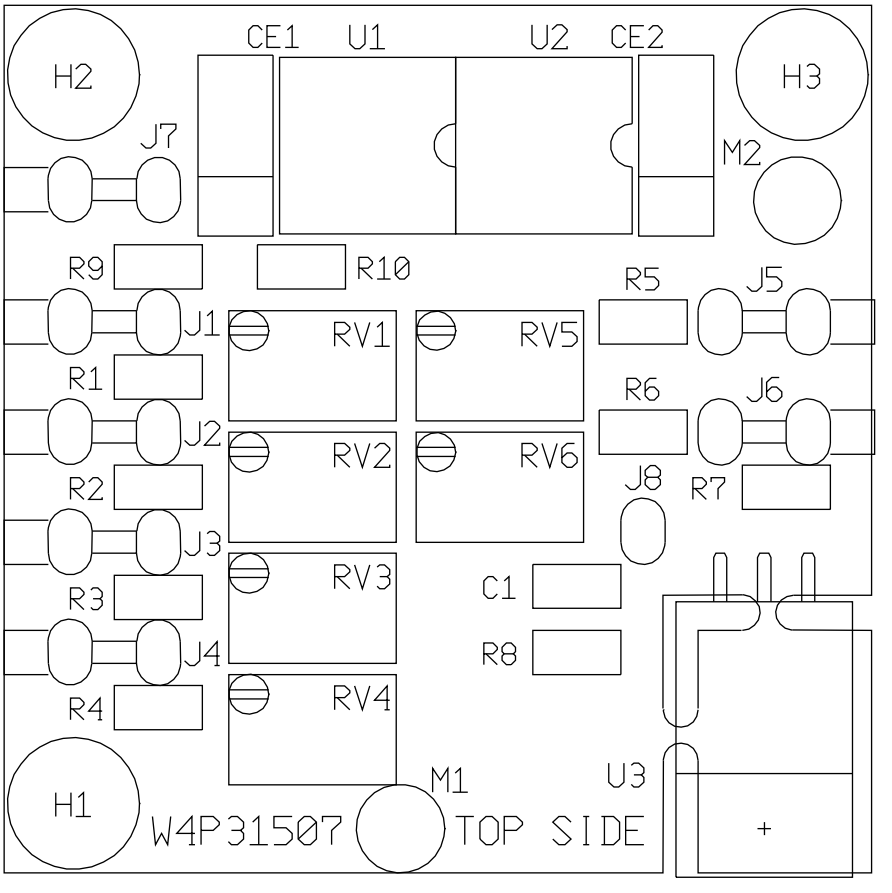
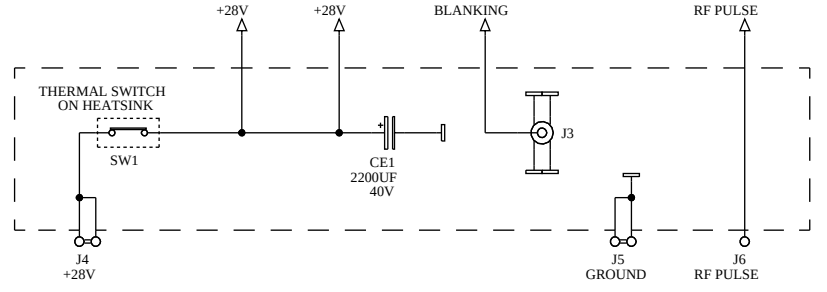


Figure 2.17. BLMX100 interconnecting board

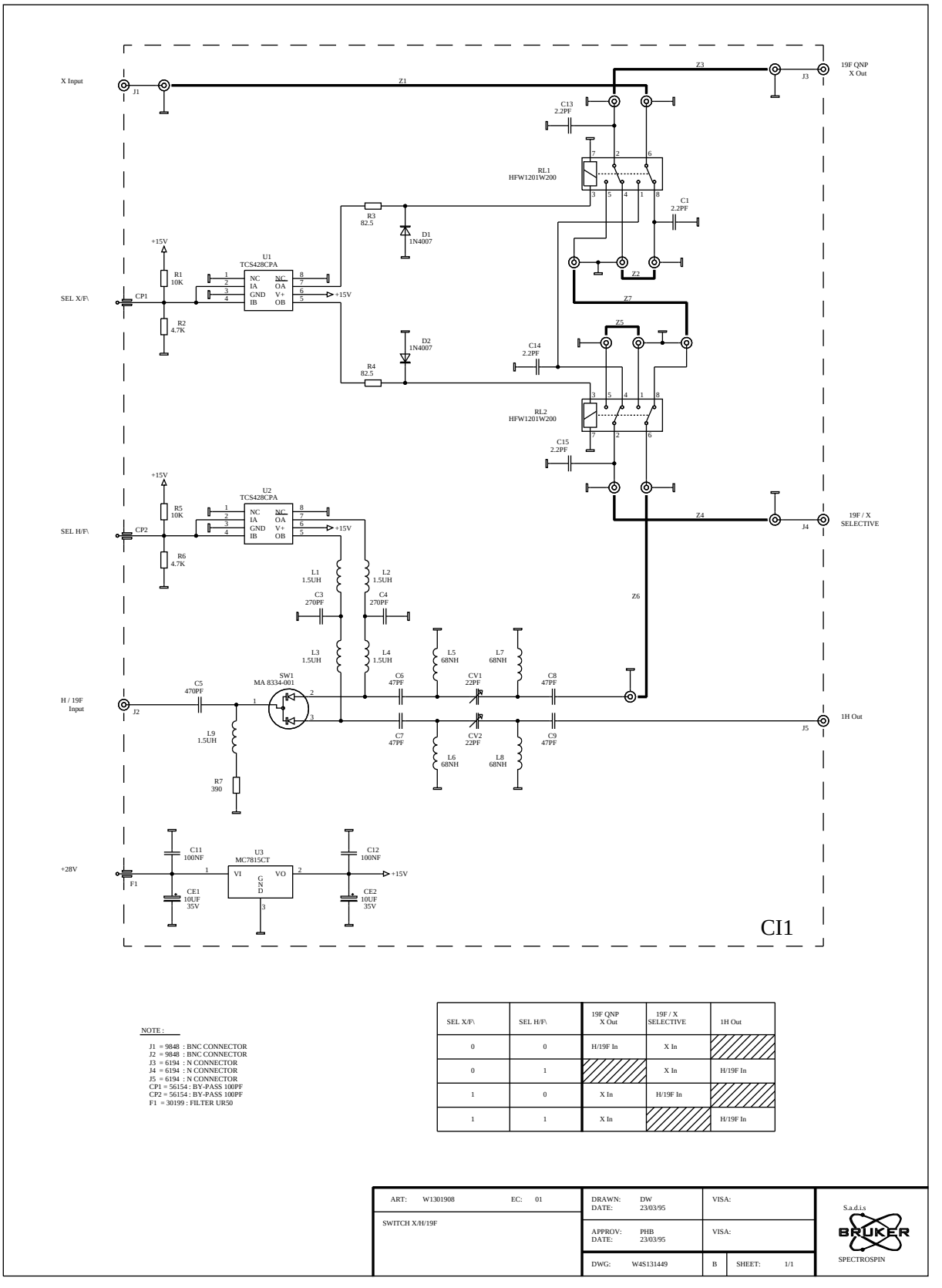


NOTE :

SW1 = 32294 : THERMOCLIPS 70`C

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

Figure 2.18. Switch XH19F



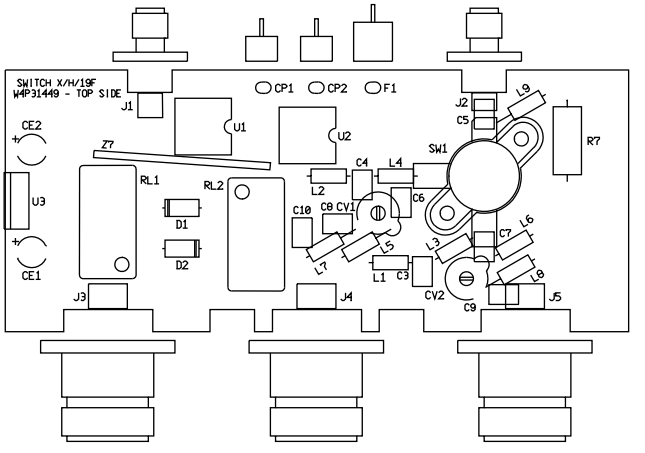
NOTE :

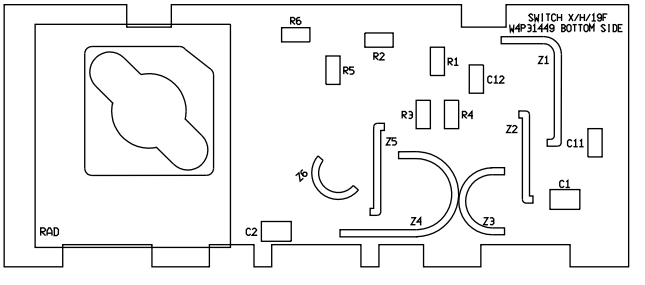
J1 = 9848 : BNC CONNECTOR
J2 = 9848 : BNC CONNECTOR
J3 = 6194 : N CONNECTOR
J4 = 6194 : N CONNECTOR
J5 = 6194 : N CONNECTOR
CP1 = 56154 : BY-PASS 100PF
CP2 = 56154 : BY-PASS 100PF
F1 = 30199 : FILTER UR50

SEL X/F\	SEL H/F\	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 DATE: 23/03/95	VISA:	S.a.d.i.s BRUKER SPECTROSPIN
SWITCH X/H/19F	APPROV: PHB DATE: 23/03/95	VISA:	
	DWG: W4S131449	B SHEET: 1/1	

Figure 2.19. Switch XH19F layout





Figures