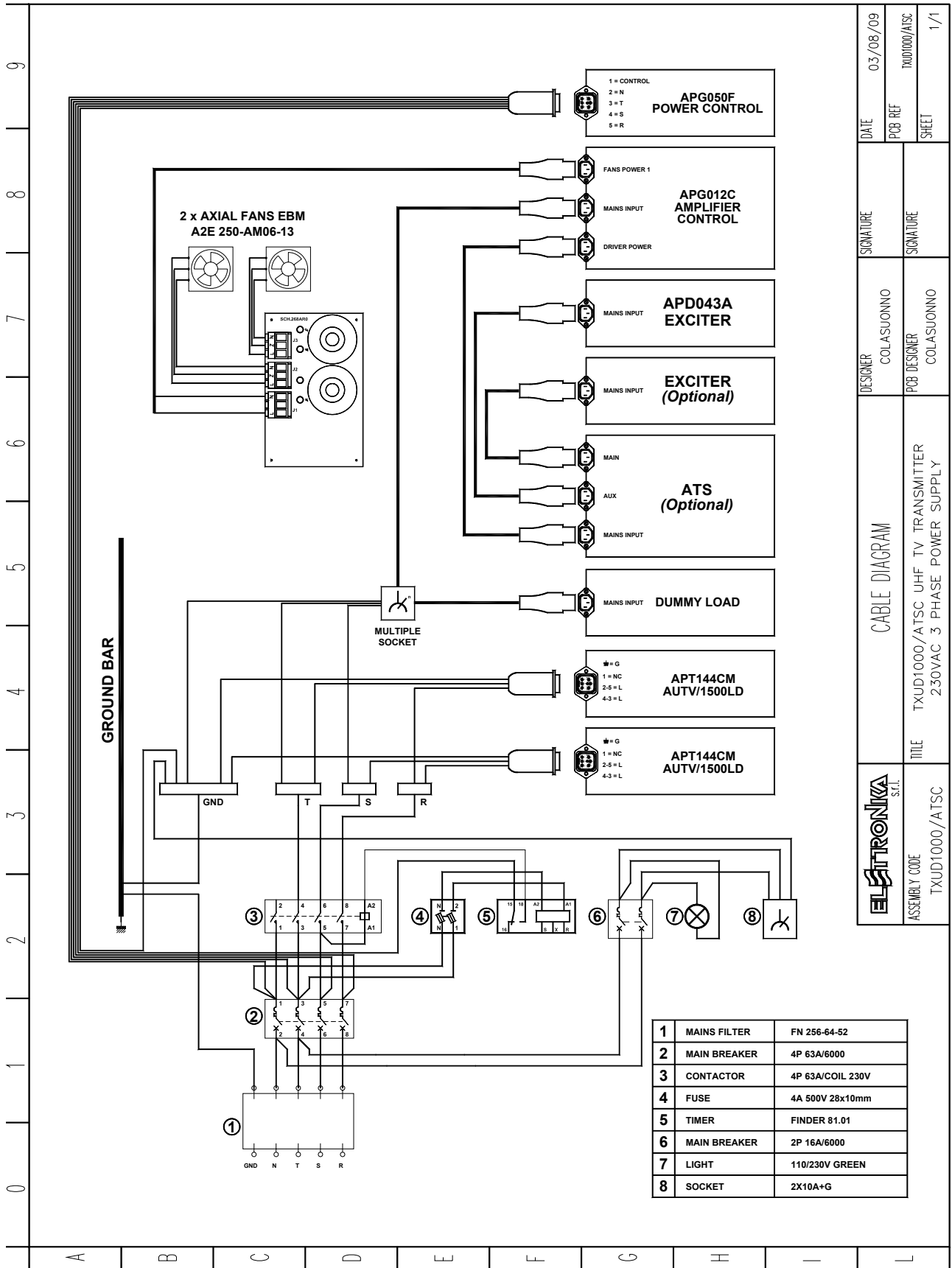
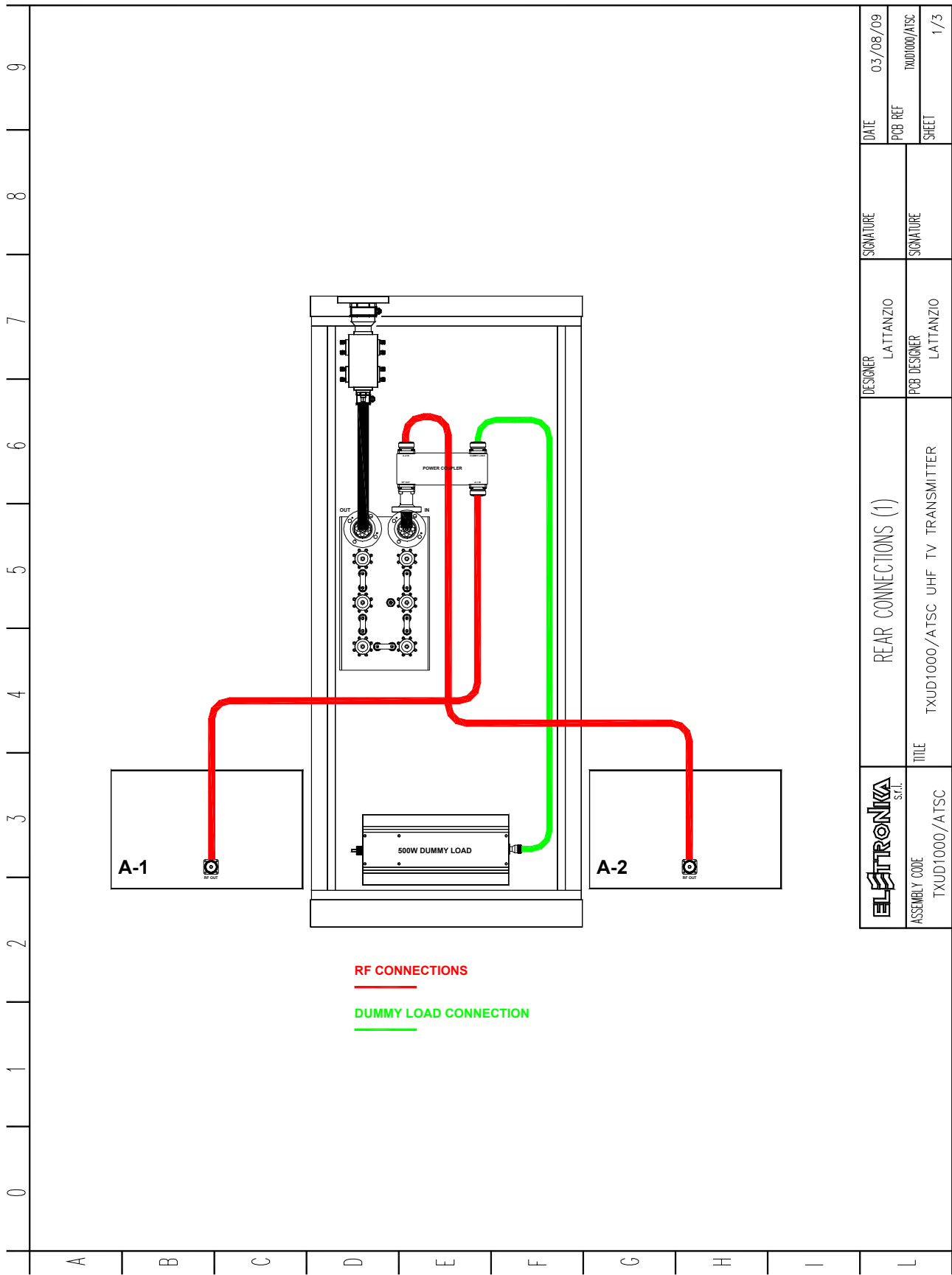
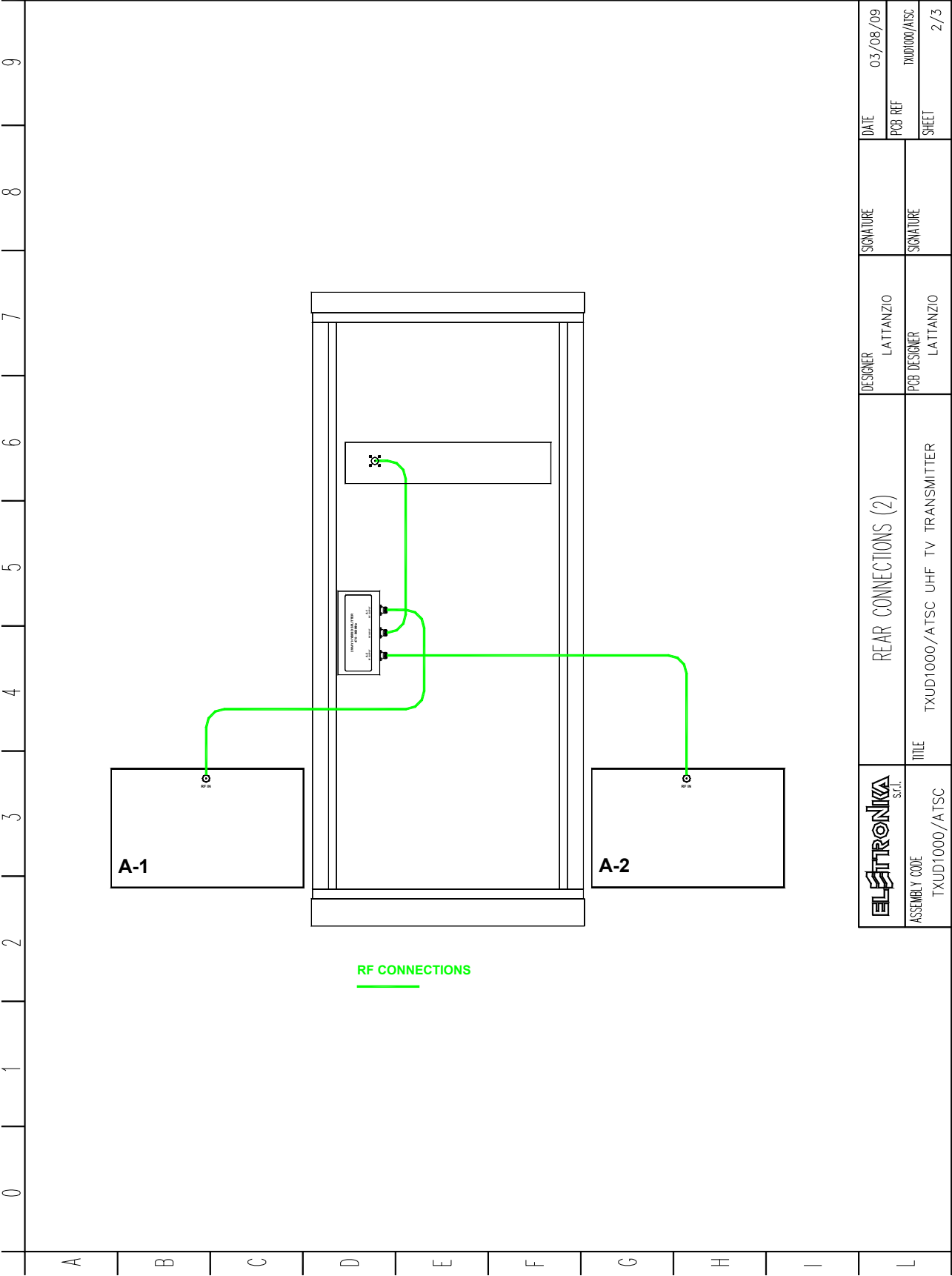


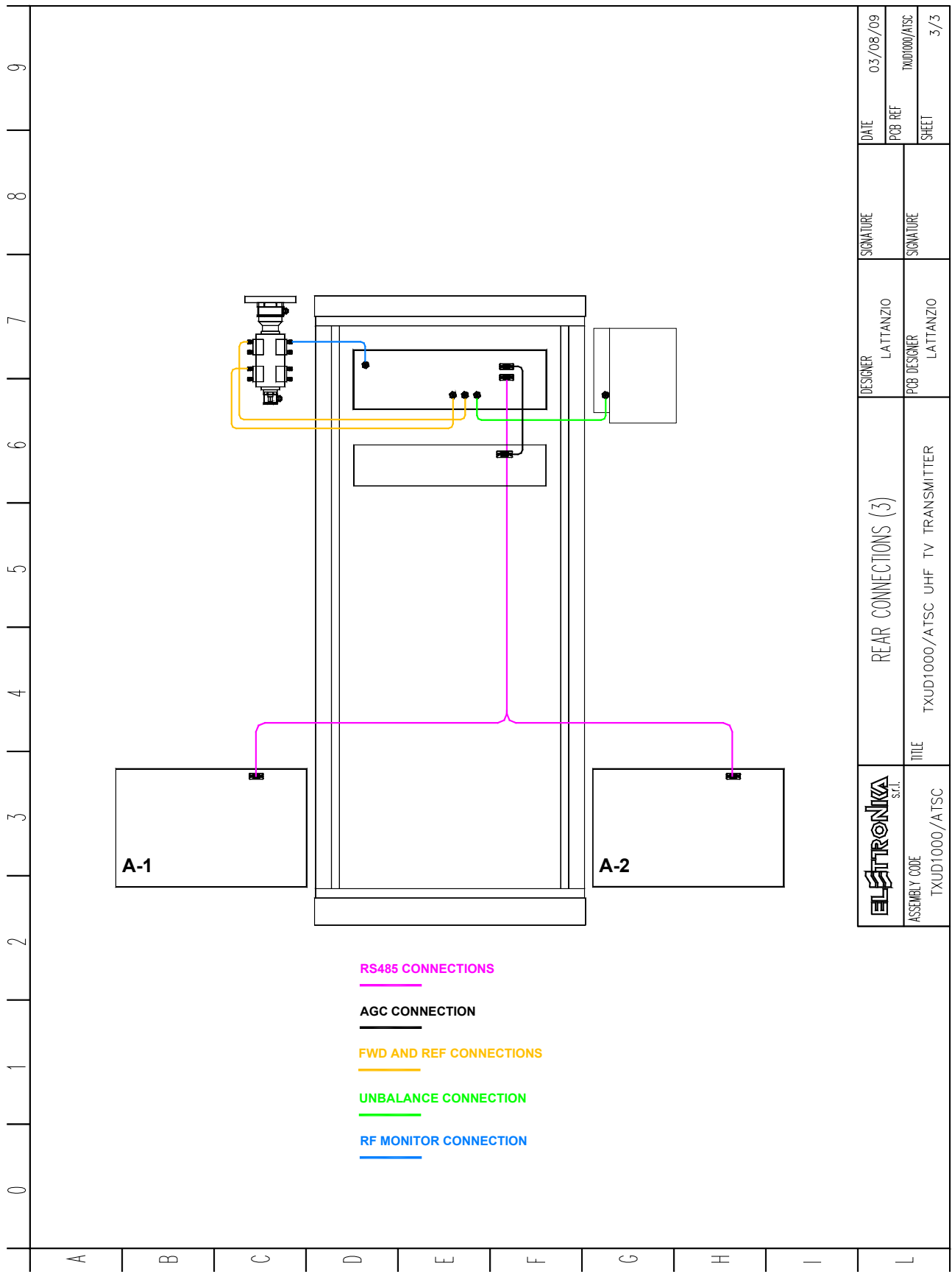


ELSATRONIKA S.r.l.	CABLE DIAGRAM	DESIGNER	SIGNATURE	DATE
		COLASUONNO		03/08/09
		PCB DESIGNER	SIGNATURE	PCB REF
ASSEMBLY CODE	TITLE	TXUD1000/ATSC	TXUD1000/ATSC	SHEET
TXUD1000/ATSC	TXUD1000/ATSC UHF TV TRANSMITTER 230VAC 3 PHASE POWER SUPPLY	COLASUONNO		1/1

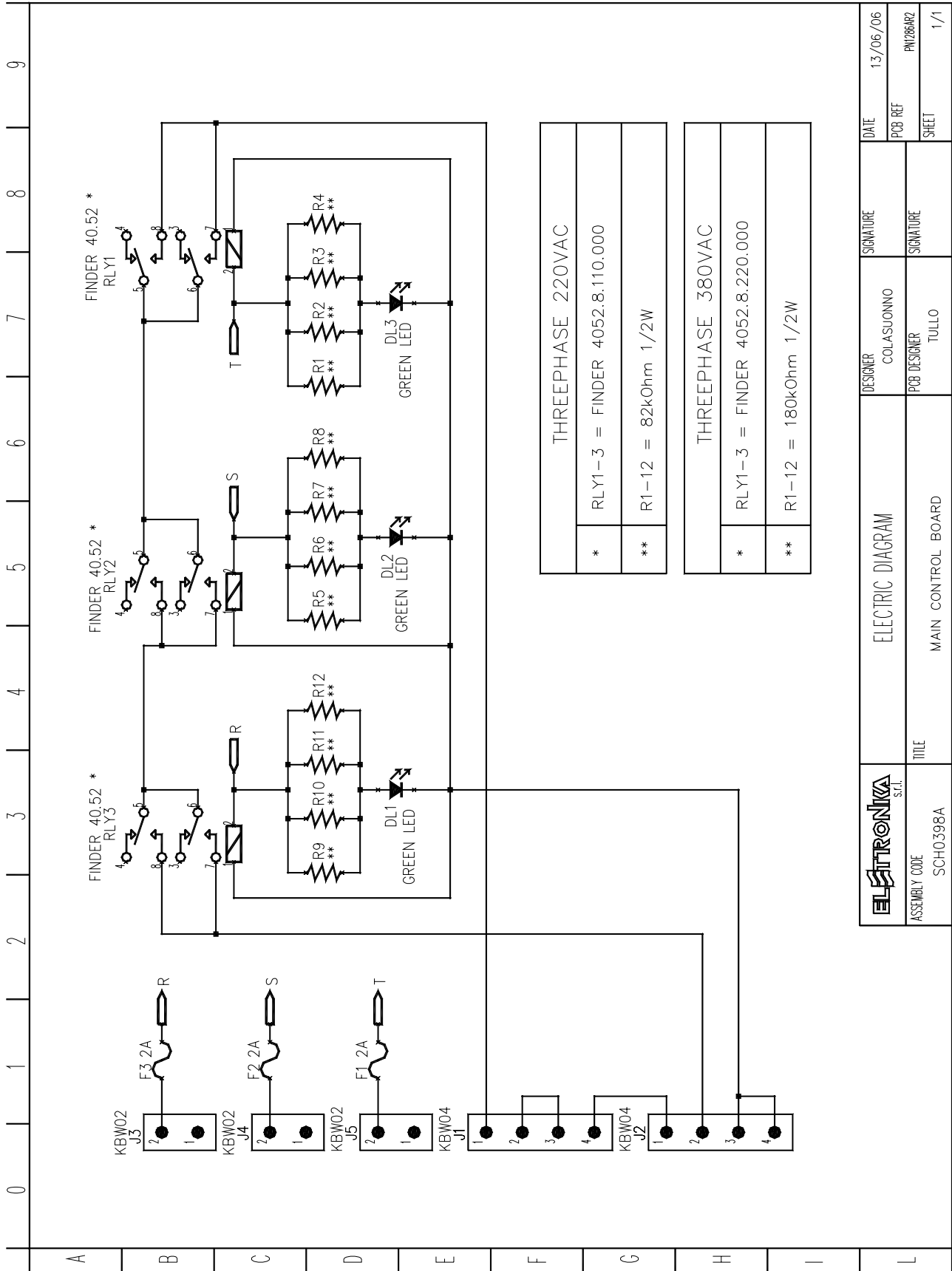


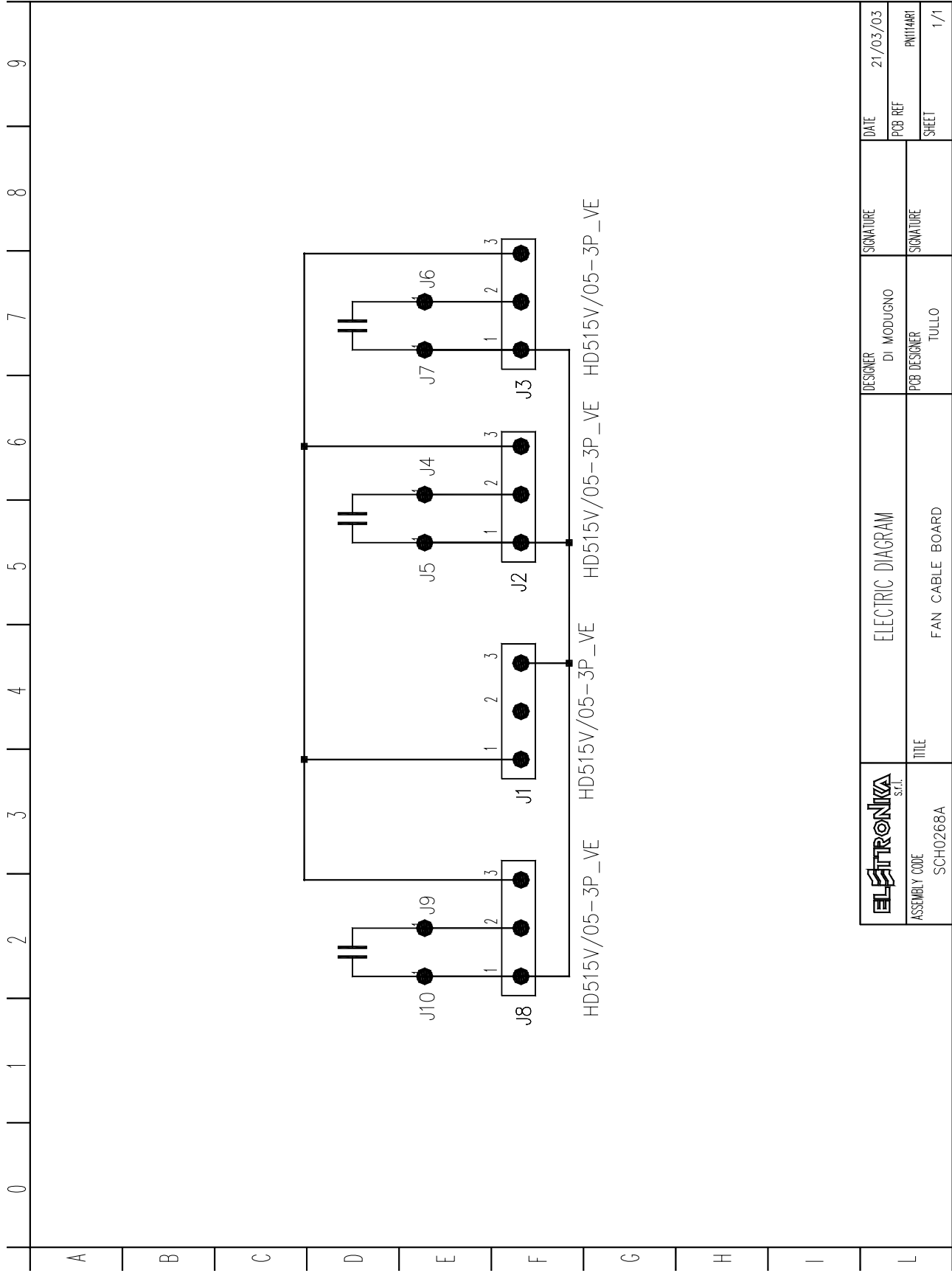


ELETRONIKA S.r.l.	REAR CONNECTIONS (2)		DESIGNER	SIGNATURE	DATE
	ASSEMBLY CODE TXUD1000/ATSC	TITLE TXUD1000/ATSC UHF TV TRANSMITTER	LATTANZIO		03/08/09
			PCB DESIGNER LATTANZIO	SIGNATURE	PCB REF TXUD1000/ATSC
					SHEET 2/3

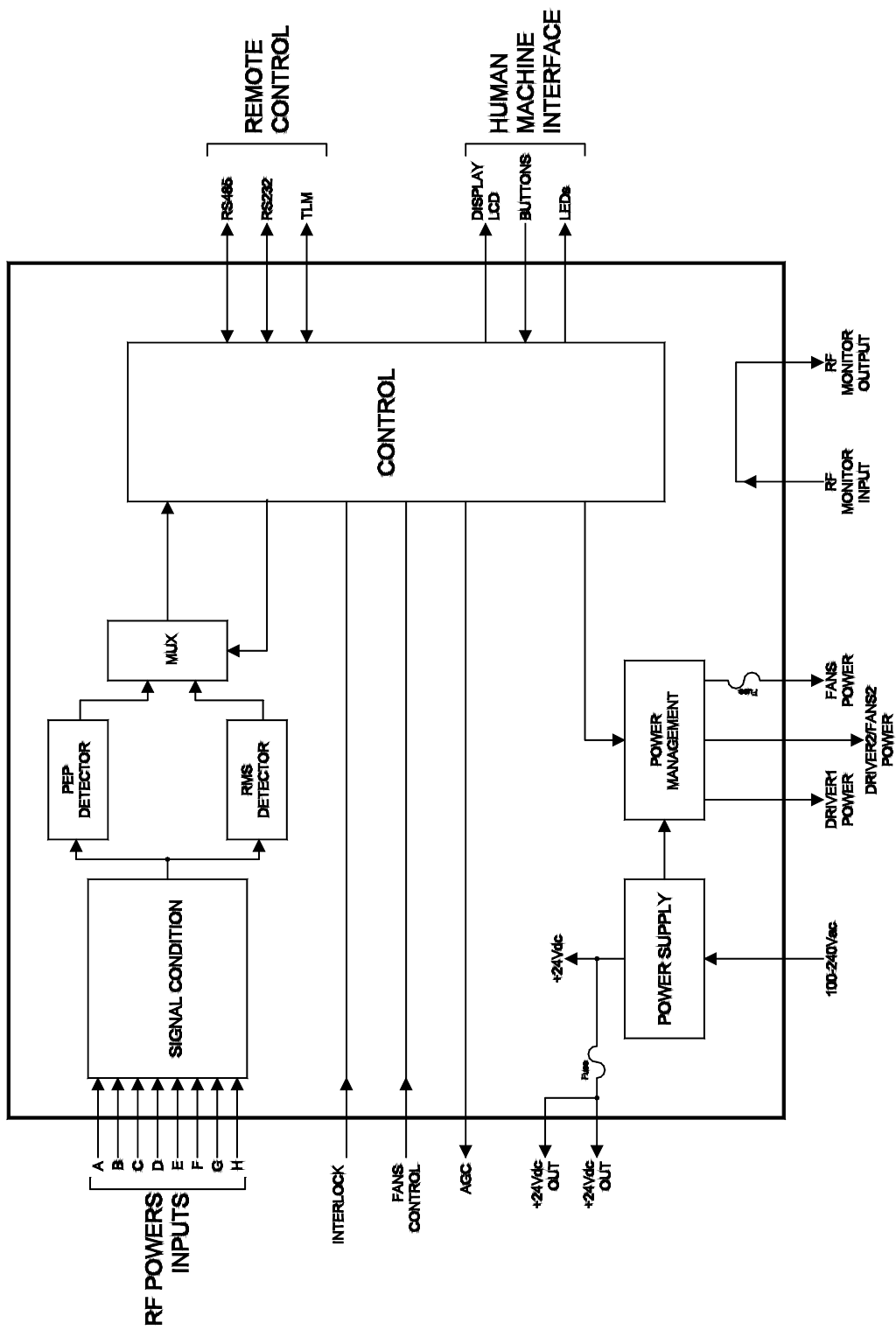


ELATRONIKA s.r.l. ASSEMBLY CODE TXUD1000/ATSC	REAR CONNECTIONS (3)		DESIGNER LATTANZIO	SIGNATURE	DATE 03/08/09
	TITLE TXUD1000/ATSC UHF TV TRANSMITTER		PCB DESIGNER LATTANZIO	SIGNATURE	PCB REF TXUD1000/ATSC
					SHEET 3/3

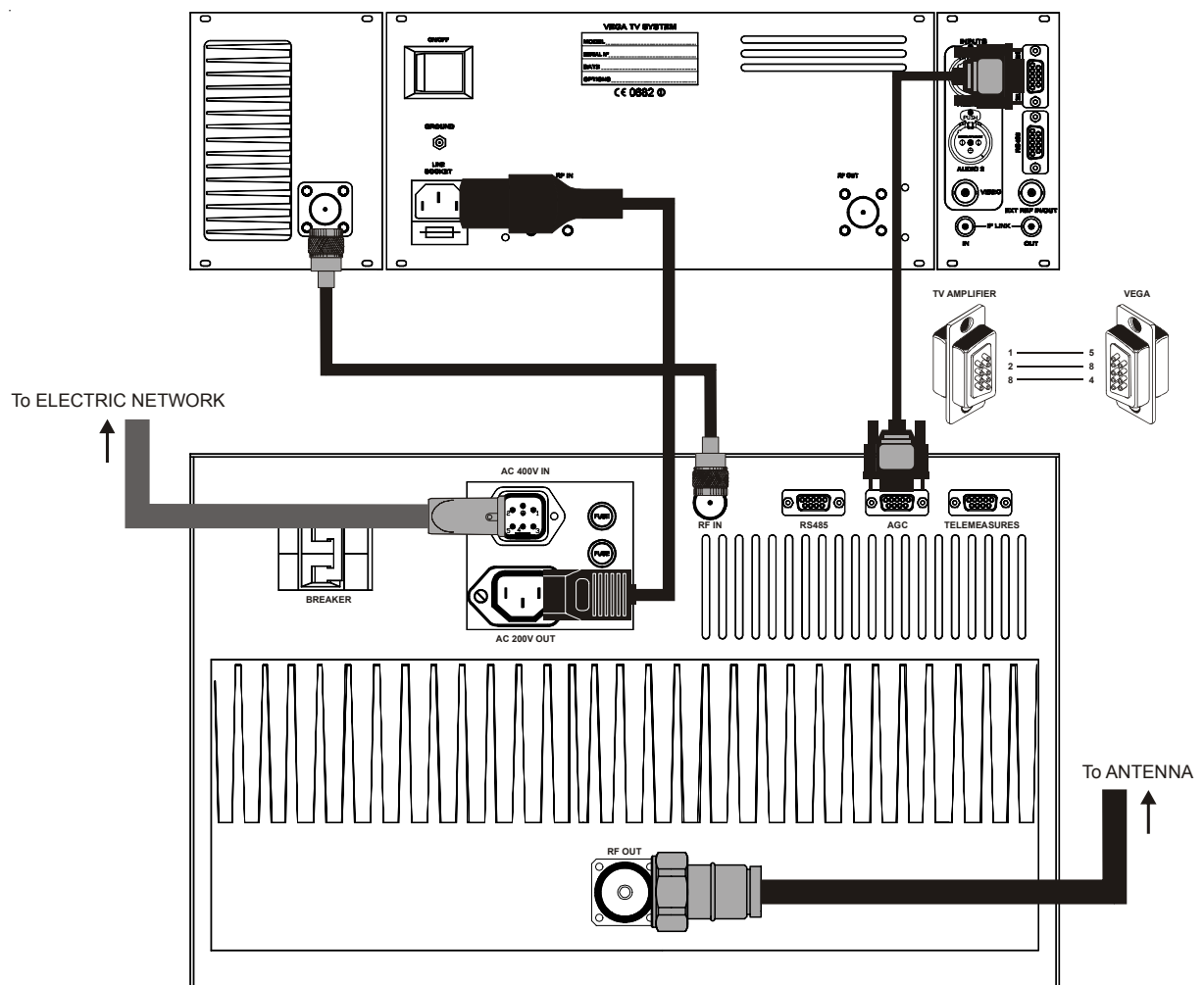




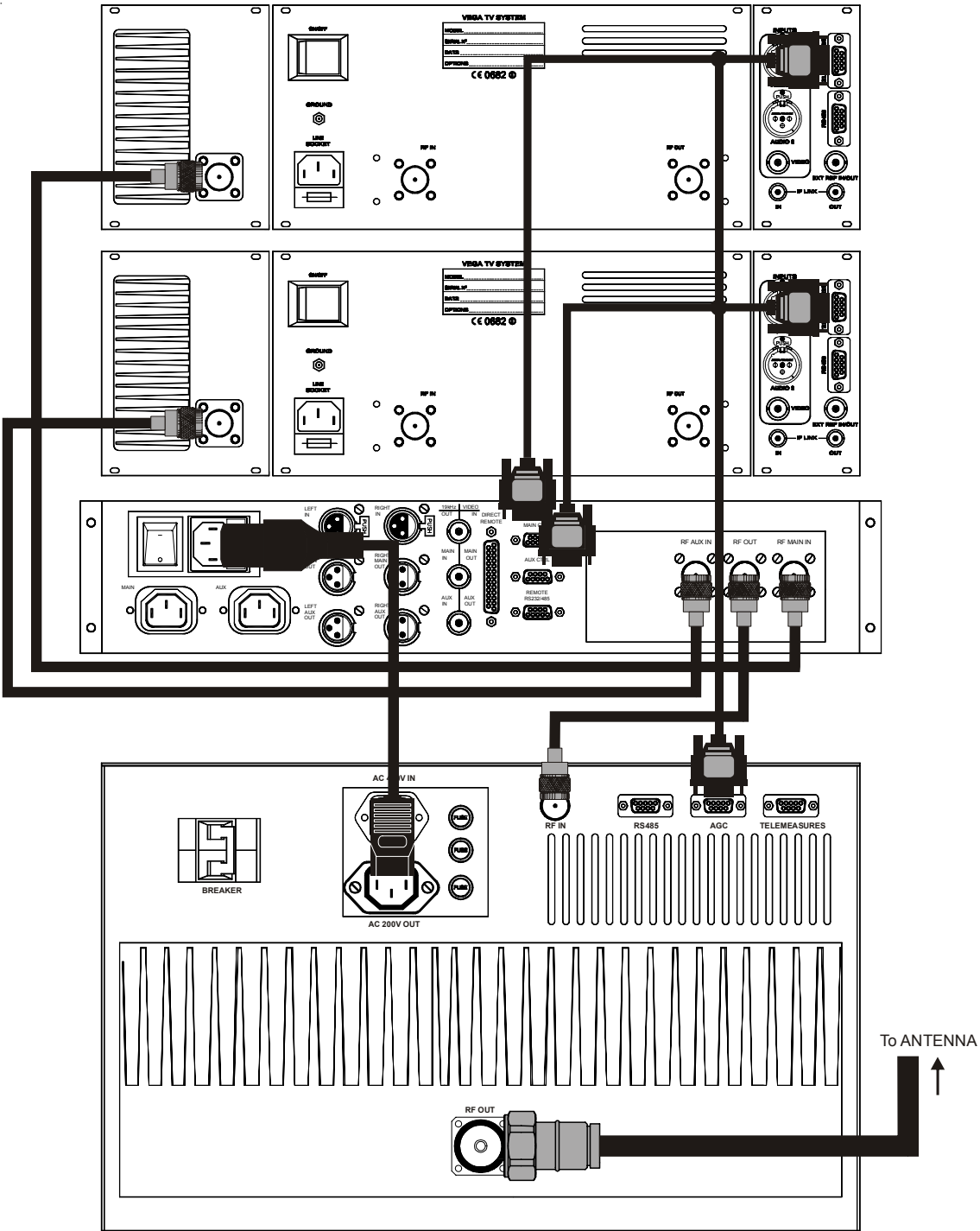
Block diagram



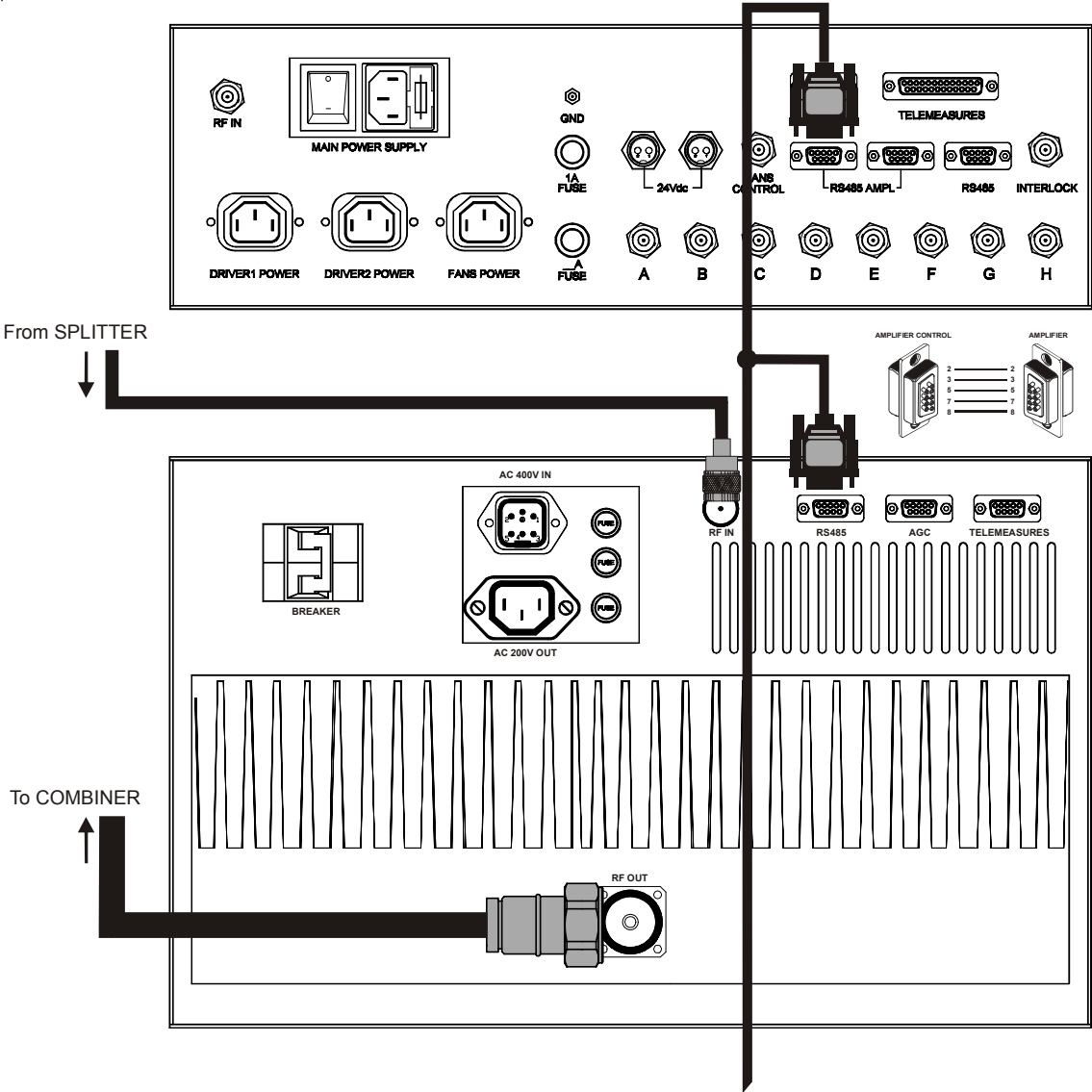
In order to this it is possible to check the indication of the Reflected Power at low power levels. Only if the SWR indication on the display is 0, the output power can be slowly increased. At maximum output power, some watts might be shown as Reflected Power.



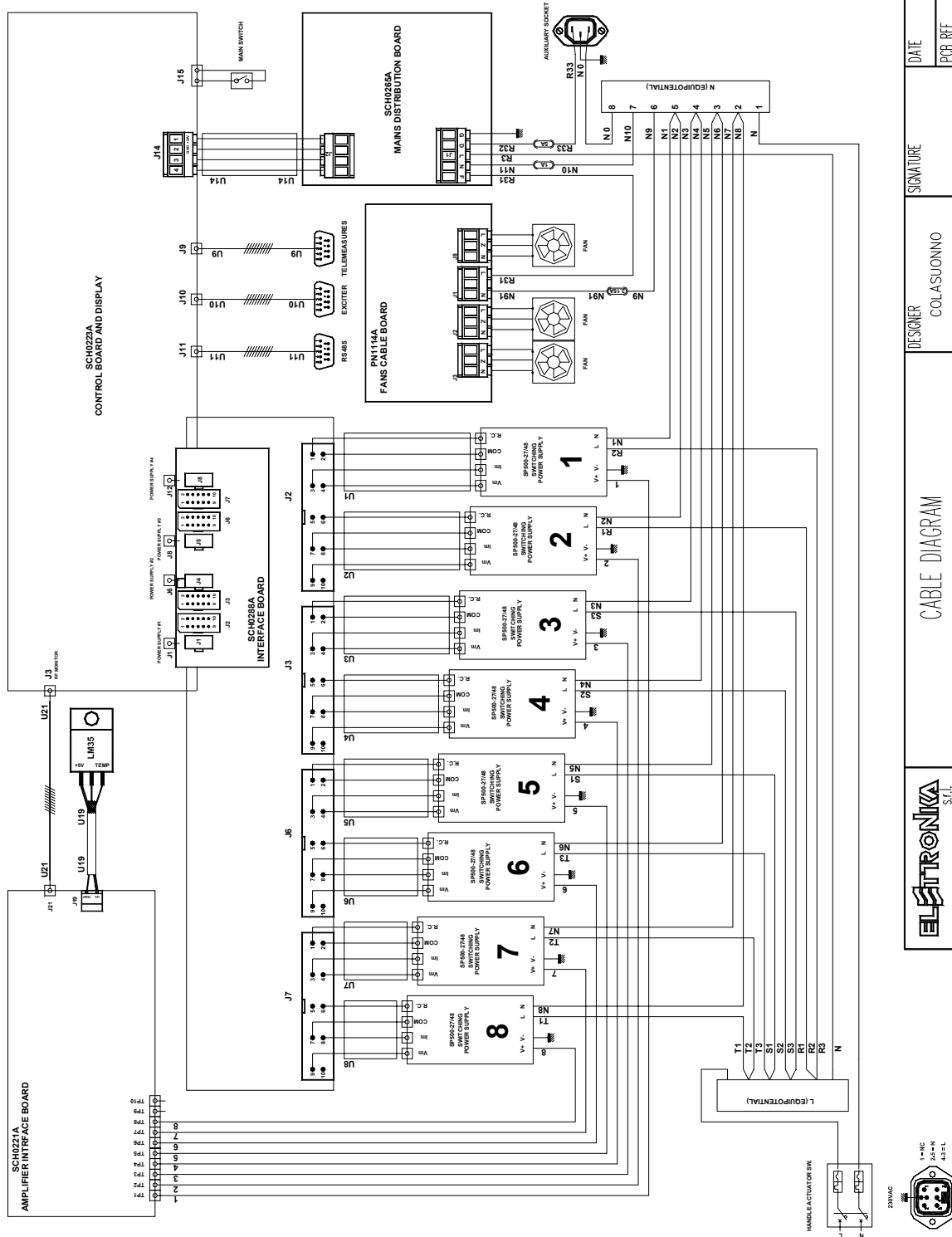
2.4 STAND-ALONE AMPLIFIER CONFIGURATION IN DUAL DRIVE VERSION



2.5 SLAVE MULTI-AMPLIFIER CONFIGURATION WITH AMPLIFIER CONTROL

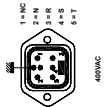
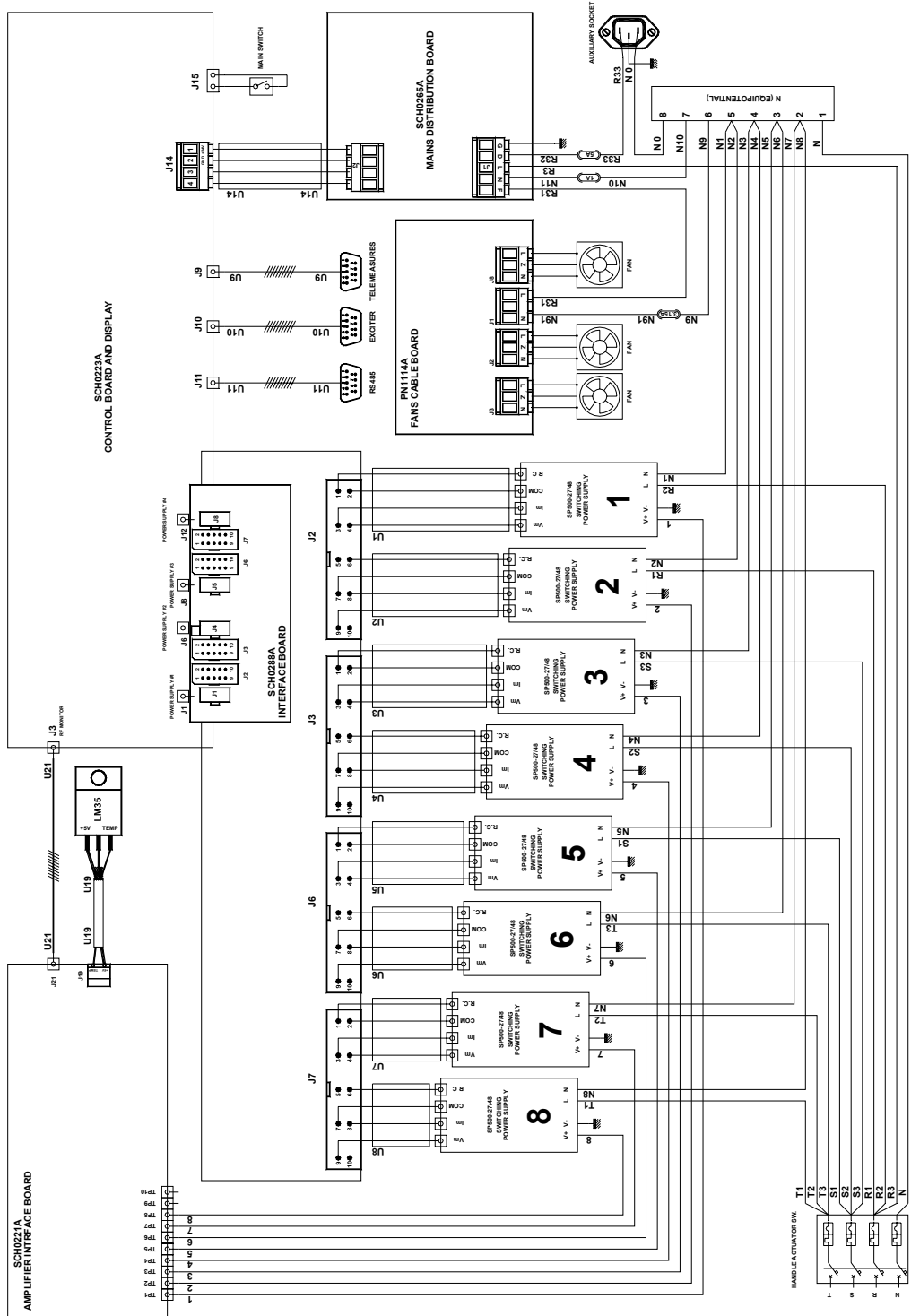


0 1 2 3 4 5 6 7 8 9



	CABLE DIAGRAM		DESIGNER	SIGNATURE	DATE
	TITLE		COLASUONNO		10/02/05
	AUTV/1500LD LDMOS UHF TV AMPLIFIER		PCB DESIGNER		PCB REF
1 PHASE POWER SUPPLY		COLASUONNO	SIGNATURE		AP1144
ASSEMBLY CODE					SHEET
AP1144					1/2

0 1 2 3 4 5 6 7 8 9



DATE	10/02/05
PCB REF	APT144
SHEET	2/2

DESIGNER	COLASUONNO
PCB DESIGNER	COLASUONNO

TITLE	AUTV/1500LD LDMOS UHF TV AMPLIFIER 3 PHASE POWER SUPPLY
ASSEMBLY CODE	APT144

CABLE DIAGRAM	SIGNATURE	SIGNATURE
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DESCRIPTION

The Control Board SCH0223A manages the operational logic of the amplifier: switching on and off, power supply and fans, alarms and protections, remote control, human-machine interface. All of that is performed by a modern and powerful 16 bit micro-controller, which is the main part of the board.

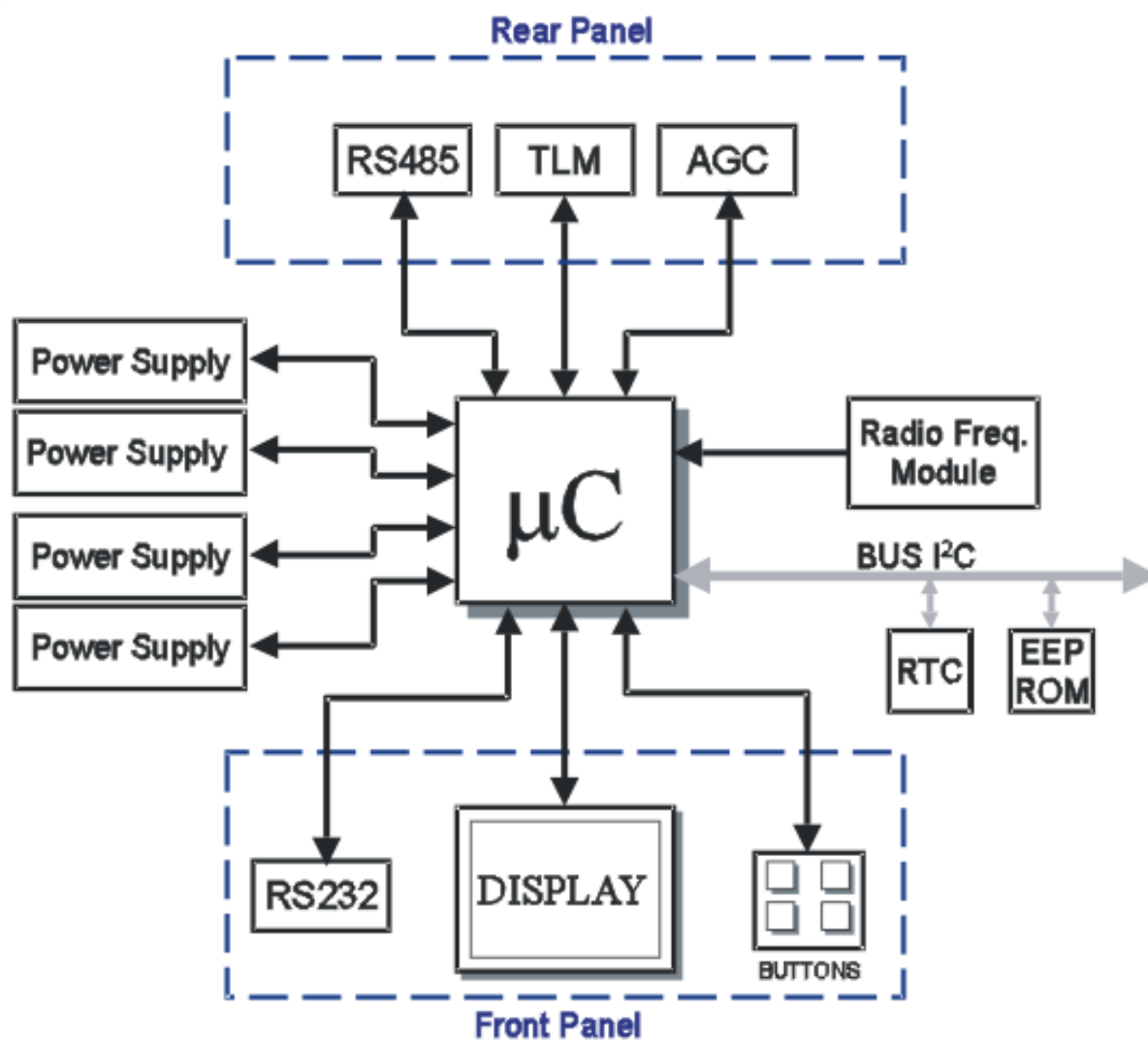


Figure 1: Simplified block diagram of the control and display board

