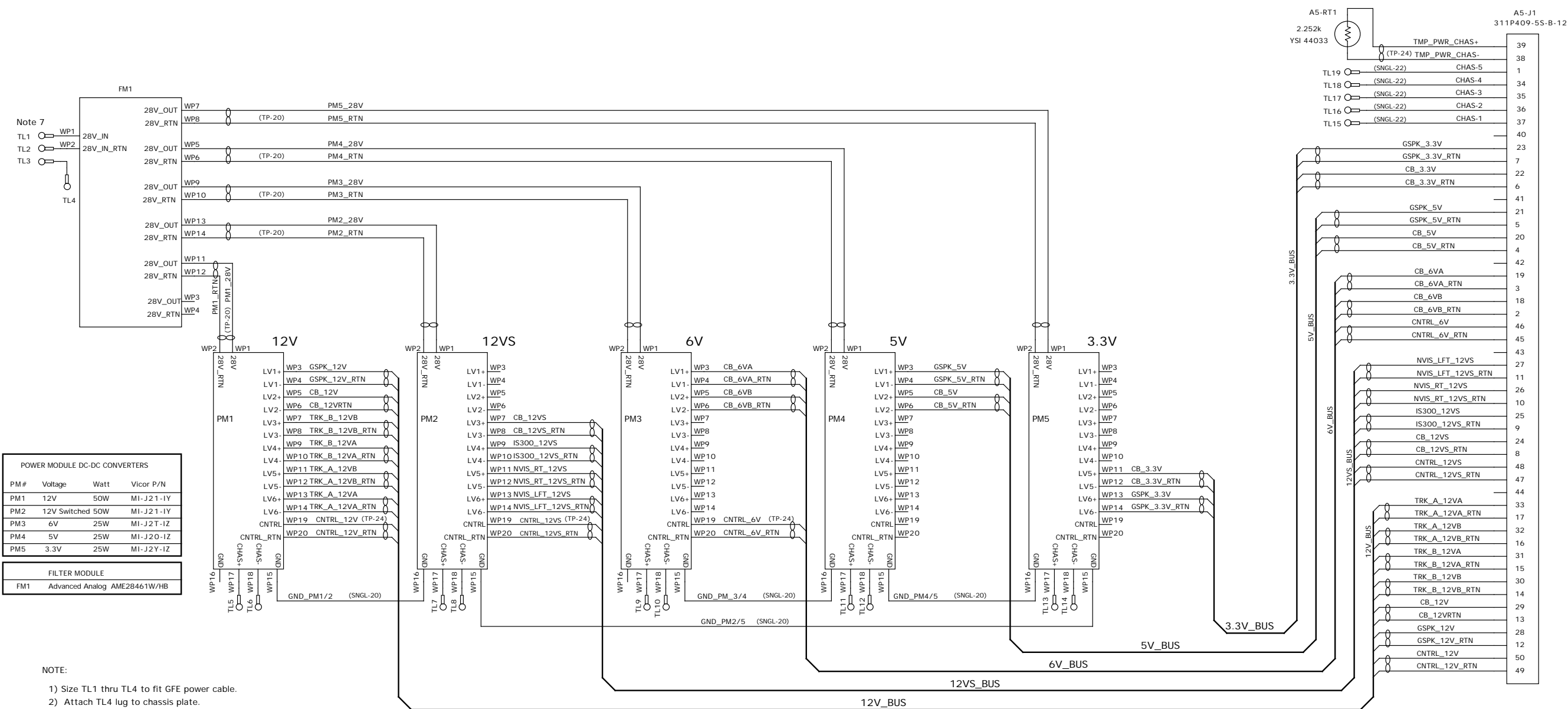


REVISIONS					
REV.	ECO NO.	DESCRIPTION	CHECKED	APPROVED	DATE
A	85-097	Initial Release	RFG	R.Foster	5/05/04
B	85-129	Add power control for 12V and 6V modules. Show FM1 with spare outputs. Redistribute FM1 & PM outputs to agree with Training Unit wiring. "A5-RT1" was "R1". Add "CHAS-5". On A5-J1 move power conductors to middle pins & GNDs to outer pins.	RFG	RF	7/19/04
C	85-179	A5-J1 pin 29 was pin 13, pin 13 was 29. A5-RT1 was PN 44004. Add Next Assy. "85-30317.	RFG	RF	1/5/05



POWER MODULE DC-DC CONVERTERS			
PM#	Voltage	Watt	Vicor P/N
PM1	12V	50W	MI-J21-1Y
PM2	12V Switched	50W	MI-J21-1Y
PM3	6V	25W	MI-J21-IZ
PM4	5V	25W	MI-J20-IZ
PM5	3.3V	25W	MI-J2Y-IZ

FILTER MODULE	
FM1	Advanced Analog AME28461W/HB

NOTE:

- 1) Size TL1 thru TL4 to fit GFE power cable.
- 2) Attach TL4 lug to chassis plate.
- 3) Connect terminal lugs TL5 thru TL19 to chassis plate.
Use 24AWG single conductor on TL5 thru TL14.
Use 22AWG single conductor on TL15 thru TL19.
- 4) All twisted-pair wires are 22AWG unless noted.
- 5) For "PM1" thru "PM5" refer to schematic 85-03020.20
"VEE DC-DC Converter Circuit Board"
- 6) For Filter Module "FM1" refer to schematic 85-03020.19
"VEE EMI Filter Circuit Board"
- 7) Input power is via GFE 16AWG cable from the Front Panel circuit breaker.

		NAME	DATE	MASSACHUSETTS INSTITUTE OF TECHNOLOGY CENTER FOR SPACE RESEARCH		
		DRAWN	M. Doucette	04/01/04		
85-30317		CHECKED	R. Goeke	5/05/04		
85-30100		APPROVED	R. Foster	5/04/04		
NEXT ASSEMBLY		USED ON	RELEASED	D. Gage	5/05/04	
APPLICATION				SIZE	CODE IDENT NO.	DRAWING NO.
				B	80230	85-03020.18
				SCALE	SHEET 1 OF 1	