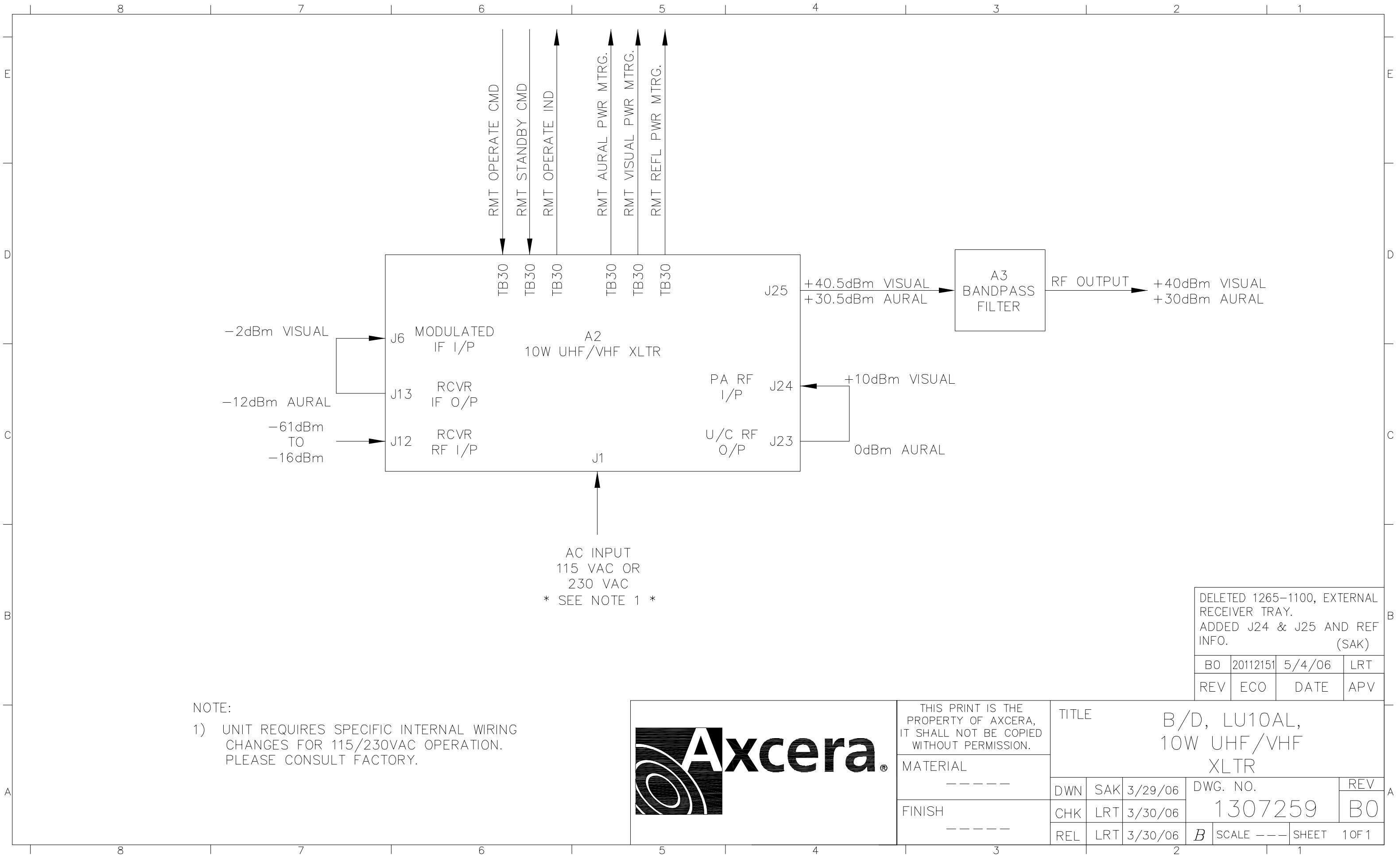




DELETED 1265-1100, EXTERNAL RECEIVER TRAY.
ADDED J24 & J25 AND REF INFO.
(SAK)

B0	20112151	5/4/06	LRT
REV	ECO	DATE	APV

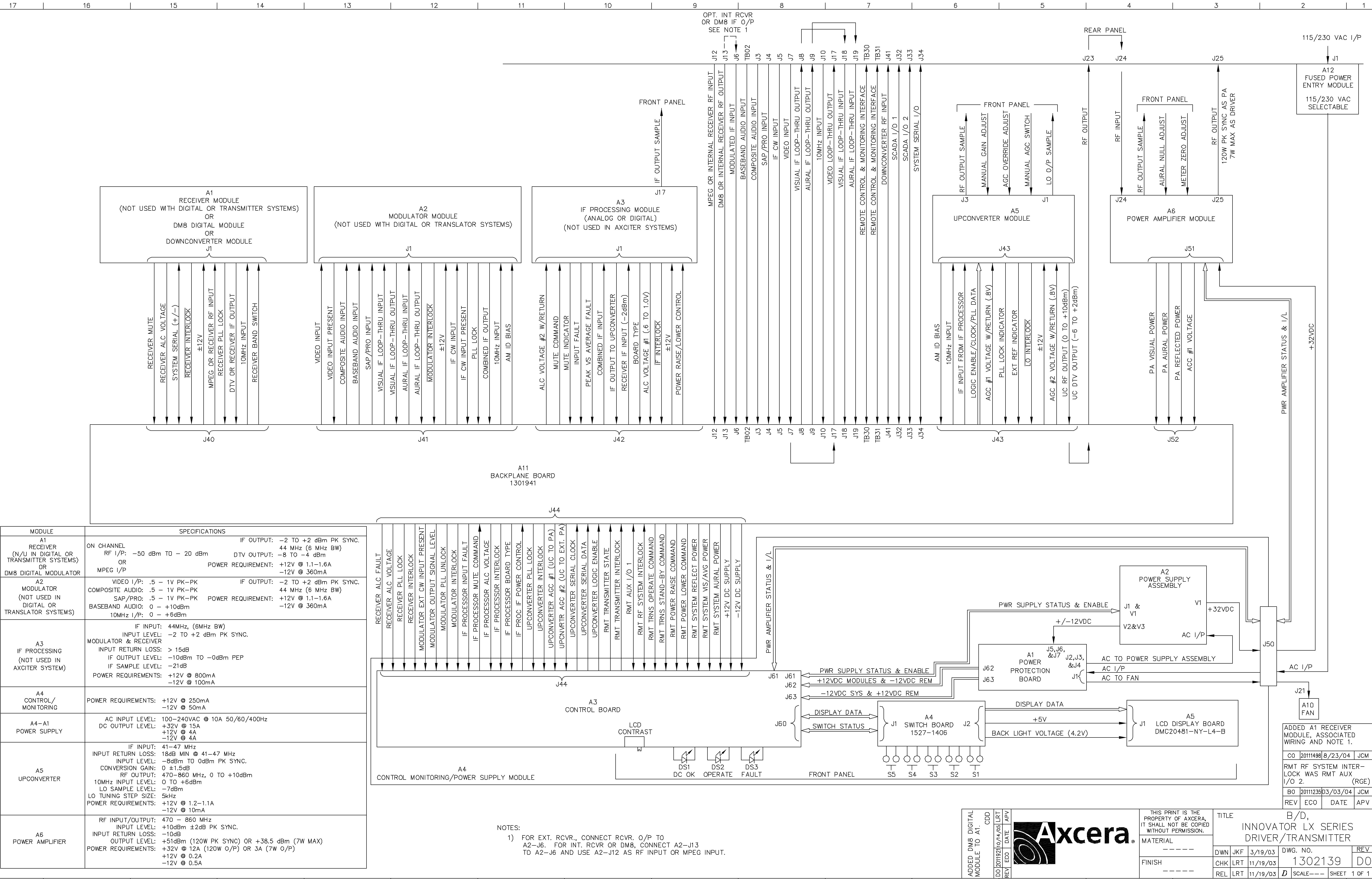


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MATERIAL

FINISH

TITLE				B/D, LU10AL, 10W UHF/VHF XLTR			
DWN	SAK	3/29/06	DWG. NO.		REV		
CHK	LRT	3/30/06	1307259		B0		
REL	LRT	3/30/06	B	SCALE ---	SHEET	1 OF 1	



MODULE	SPECIFICATIONS
A1 RECEIVER (N/U IN DIGITAL OR TRANSMITTER SYSTEMS) OR DM8 DIGITAL MODULATOR	ON CHANNEL RF I/P: -50 dBm TO -20 dBm IF OUTPUT: -2 TO +2 dBm PK SYNC. 44 MHz (6 MHz BW) DTV OUTPUT: -8 TO -4 dBm POWER REQUIREMENT: +12V @ 1.1-1.6A -12V @ 360mA
A2 MODULATOR (NOT USED IN DIGITAL OR TRANSLATOR SYSTEMS)	VIDEO I/P: .5 - 1V PK-PK COMPOSITE AUDIO: .5 - 1V PK-PK SAP/PRO: .5 - 1V PK-PK BASEBAND AUDIO: 0 - +10dBm 10MHz I/P: 0 - +6dBm IF OUTPUT: -2 TO +2 dBm PK SYNC. 44 MHz (6 MHz BW) POWER REQUIREMENT: +12V @ 1.1-1.6A -12V @ 360mA
A3 IF PROCESSING (NOT USED IN AXCIER SYSTEM)	IF INPUT: 44MHz, (6MHz BW) INPUT LEVEL: -2 TO +2 dBm PK SYNC. MODULATOR & RECEIVER INPUT RETURN LOSS: > 15dB IF OUTPUT LEVEL: -10dBm TO -0dBm PEP IF SAMPLE LEVEL: -21dB POWER REQUIREMENTS: +12V @ 800mA -12V @ 100mA
A4 CONTROL/ MONITORING	POWER REQUIREMENTS: +12V @ 250mA -12V @ 50mA
A4-A1 POWER SUPPLY	AC INPUT LEVEL: 100-240VAC @ 10A 50/60/400Hz DC OUTPUT LEVEL: +32V @ 15A +12V @ 4A -12V @ 4A
A5 UPCONVERTER	IF INPUT: 41-47 MHz INPUT RETURN LOSS: 18dB MIN @ 41-47 MHz INPUT LEVEL: -8dBm TO 0dBm PK SYNC. CONVERSION GAIN: 0 ±1.5dB RF OUTPUT: 470-860 MHz, 0 TO +10dBm 10MHz INPUT LEVEL: 0 TO +6dBm LO SAMPLE LEVEL: -7dBm LO TUNING STEP SIZE: 5kHz POWER REQUIREMENTS: +12V @ 1.2-1.1A -12V @ 10mA
A6 POWER AMPLIFIER	RF INPUT/OUTPUT: 470 - 860 MHz INPUT LEVEL: +10dBm ±2dB PK SYNC. INPUT RETURN LOSS: -10dB OUTPUT LEVEL: +51dBm (120W PK SYNC) OR +38.5 dBm (7W MAX) POWER REQUIREMENTS: +32V @ 12A (120W O/P) OR 3A (7W O/P) +12V @ 0.2A -12V @ 0.5A

NOTES:
1) FOR EXT. RCVR, CONNECT RCVR. O/P TO A2-J6. FOR INT. RCVR OR DM8, CONNECT A2-J13 TO A2-J6 AND USE A2-J12 AS RF INPUT OR MPEG INPUT.

ADD'D DM8 DIGITAL MODULE TO A1:
COD
DO 201912/10/14/05 LRT
REV ECO DATE APV

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MATERIAL
FINISH

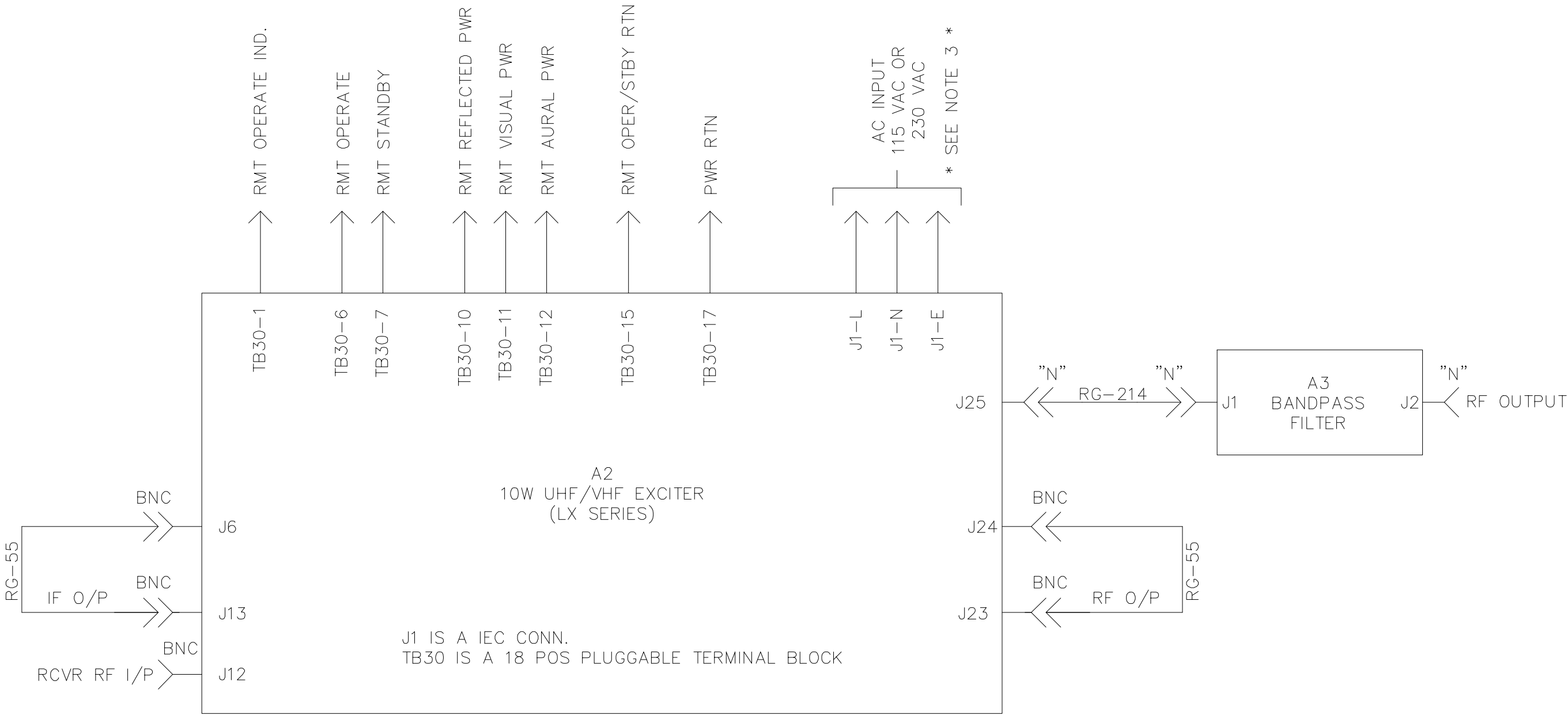
TITLE
B/D, INNOVATOR LX SERIES DRIVER/TRANSMITTER

DWN JKF 3/19/03
CHK LRT 11/19/03
REL LRT 11/19/03

DWG. NO.
1302139
SCALE----

REV
D0
SHEET 1 OF 1

ADDED A1 RECEIVER MODULE, ASSOCIATED WIRING AND NOTE 1.
CO 20111498 8/23/04 JCM
RMT RF SYSTEM INTER-LOCK WAS RMT AUX I/O 2. (RGE)
BO 20111235 03/03/04 JCM
REV ECO DATE APV



NOTES:

- 1) ALL SINGLE WIRE IS 22 AWG UNLESS NOTED OTHERWISE.
- 2) ALL SHIELDED WIRE IS BELDEN YR40143 UNLESS NOTED OTHERWISE.
- 3) UNIT REQUIRES SPECIFIC INTERNAL WIRING CHANGES FOR 115/230VAC OPERATION. PLEASE CONSULT FACTORY.

DELETED 1265-1100, EXTERNAL RECEIVER TRAY. ADDED J23 & J24. (SAK)			
B0	20112151	5/4/06	LRT
REV	ECO	DATE	APV

 Axcera®	THIS PRINT IS THE PROPERTY OF AXCERA, IT SHALL NOT BE COPIED WITHOUT PERMISSION.	TITLE I/C, SYSTEM, LU10AL UHF TRANSLATOR								
		MATERIAL -----			DWG. NO.			REV		
		FINISH -----			CHK	LRT	3/30/06	1307260		B0
					REL	LRT	3/30/06	C	SCALE ---	SHEET 1 OF 1