



- NOTES: UNLESS OTHERWISE SPECIFIED
- 1 DURING INSTALLATION OF ITEM 6, PUSH PWB AGAINST WALL IN ORDER TO COMPRESS ITEM 52 (GASKET EMIRFI).
 - 2 MECHANICAL ASSEMBLY SEQUENCE OF RF SOURCE (06515-01, -02, -03, -04, -05)
 - A. INSTALL RF SOURCE PWA. TIGHTEN ITEM 21, 4 PL. TIGHTEN ITEM 19, 11 PL.
 - B. INSTALL Q5, ITEM 33. TIGHTEN ITEM 19, 2 PL.
 - C. SOLDER ALL LEADS.
 - 3 TORQUE ITEM 28 TO 3IN-LBS MAX, 6 PL.
 - 4 USE 600°C SOLDERING IRON. MAX 5 SEC PER JOINT.
 - 5 ITEM 29 TO BE INSTALLED PER ATP 18063-00
 - 6 ITEM 34 TO BE INSTALLED ON UNDERSIDE OF ITEM 3, IN LOCATION DEFINED BY THE LOCATION OF HR1 ON ITEM 3-13.
 - 7 DISCARD O-RING FROM ITEM 25 (IF INSTALLED) BEFORE ASSEMBLY.
 - 8 APPLY APPROXIMATELY AS SHOWN.
 - 9 ITEM 30 (Q12, 50017-01) AND ITEM 33 (Q5, 61054-01) ARE SUPPLIED WITH ITEMS 9 THROUGH 13 (RF SOURCE PWA 06515-01/05) AND ARE INSTALLED AT THIS ASSEMBLY LEVEL, 06552-01/05.

TransCORE
 FCC ID: F1H22000555201
 AR2200/05552-01
 Serial No. 1234567
 Freq. (MHz) 918.50

PROPRIETARY INFORMATION OF
 TRANSCORE
 AMTECH TECHNOLOGY CENTER

REVISIONS						
REV	ECO	DESCRIPTION	E. DATE	L. DATE	DFTR.	CHKR.
A	-	CONFIGURATION CONTROL RELEASE	-	1-27-02	BPS	J.R.O.

QTY	REV	ECO	DESCRIPTION	E. DATE	L. DATE	DFTR.	CHKR.	ENGR.
1	1	1	1	1	EA	03447-01	LABEL, FCC/PRODUCT ID	40
1	1	1	1	1	EA	03449-01	LABEL, ANT 1	39
1	1	1	1	1	EA	03448-01	LABEL, ANT 0	38
2	2	2	2	2	EA	0315-014	LABEL, WARNING	37
1	1	1	1	1	EA	03446-01	LABEL, LOGO	36
1	1	1	1	1	EA	71002-01	DAMPER, CELLULAR URETHANE	35
REF	REF	REF	REF	REF	EA	61054-01	GAS FET, L-S BAND POWER	34
1	1	1	1	1	EA	70030-03	GASKET, EMIRFI	33
1	1	1	1	1	EA	73043-01	INSULATOR, THERMO-PAD	32
REF	REF	REF	REF	REF	EA	60017-01	MOSFET, PWR, P-CH, 12A, 60V	31
1	1	1	1	1	EA	9647-000	JUMPER DUAL ROW PRGM SKT	30
6	6	6	6	6	EA	28002-01	CAPACITOR, FILTER, C, 100pF MIN	29
1	1	1	1	1	EA	08271-01	CABLE, JUMPER, RF MOD GEN 2	28
2	2	2	2	2	EA	34224-01	CONNECTOR, SMA JACK, FLANGE MOUNT	27
2	2	2	2	2	EA	01493-02	JACK, FLANGE MOUNT N	26
2	2	2	2	2	EA	90004-19	SCR, P/H, PHIL REC, #4-40, 438	25
1	1	1	1	1	EA	95036-01	WASHER, SHLD, NYLON, #4	24
1	1	1	1	1	EA	95000-03	WASHER, FL, SS, 089, 250	23
22	22	22	22	22	EA	90002-31	SCREW, P/H, PHIL 6-32 X 250	22
1	9	9	9	9	EA	50002-17	SCREW, P/H, PHIL #4-40 X 312	21
24	24	24	24	24	EA	50002-23	SCREW, P/H, PHIL #2-56 X 250	20
16	16	16	16	16	EA	50006-49	SCREW, F/H, PH #8-32 X 500	19
1	1	1	1	1	EA	90006-31	SCREW, F/H, PH #6-32 X 250	18
7	7	7	7	7	EA	90004-31	SCR, P/H, PHIL REC #6-32 X 250	17
2	2	2	2	2	EA	90004-16	SCR, P/H, PHIL REC #4-40 X 250	16
1	-	-	-	-	EA	06515-05	PWA, AR2200, RF SOURCE	15
-	1	-	-	-	EA	06515-04	PWA, AR2200, RF SOURCE	14
-	-	1	-	-	EA	06515-03	PWA, AR2200, RF SOURCE	13
-	-	-	1	-	EA	06515-02	PWA, AR2200, RF SOURCE	12
-	-	-	-	1	EA	06515-01	PWA, AR2200, RF SOURCE	11
1	1	1	1	1	EA	06518-01	PWA, U-STRIP, NEXT GEN RF MOD	10
1	1	1	1	1	EA	06519-01	PWA, INTERFACE, NEXT GEN RF MOD	9
1	1	1	1	1	EA	06517-01	PWA, PREAMP, NEXT GEN RF MOD	8
1	1	1	1	1	EA	06551-01	PWA, INTERCONNECT, NEXT GEN RF MOD	7
1	1	1	1	1	EA	01514-01	LID, TOP, NEXT GEN RF MOD	6
1	1	1	1	1	EA	01515-01	LID, BOTTOM, NEXT GEN RF MOD	5
1	1	1	1	1	EA	01516-01	RF HOUSING, NEXT GEN RF MOD	4
-05	-04	-03	-02	-01	UM	PART NO.	DESCRIPTION	ITEM

Amtech Technology Center
 8600 Jefferson Street NE
 Albuquerque, NM 87113
 (505) 856-8000

TRANSCORE

INITIAL	DATE	AMTECH PROPRIETARY INFORMATION	DRAWING TITLE
DFTR BPS	01/20/03	TOLERANCE UNLESS OTHERWISE SPECIFIED	ASSY, RF CASSIS, L-BAND
DSGNR BPS	01/20/03	SCALE	DO NOT SCALE DRAWING
CHKR		SIZE	DRAWING NO.
ENGR		SHRINK	05552-00
MFG		ANGLE (°)	1 OF 4
MATRL		FINISH	
QA			