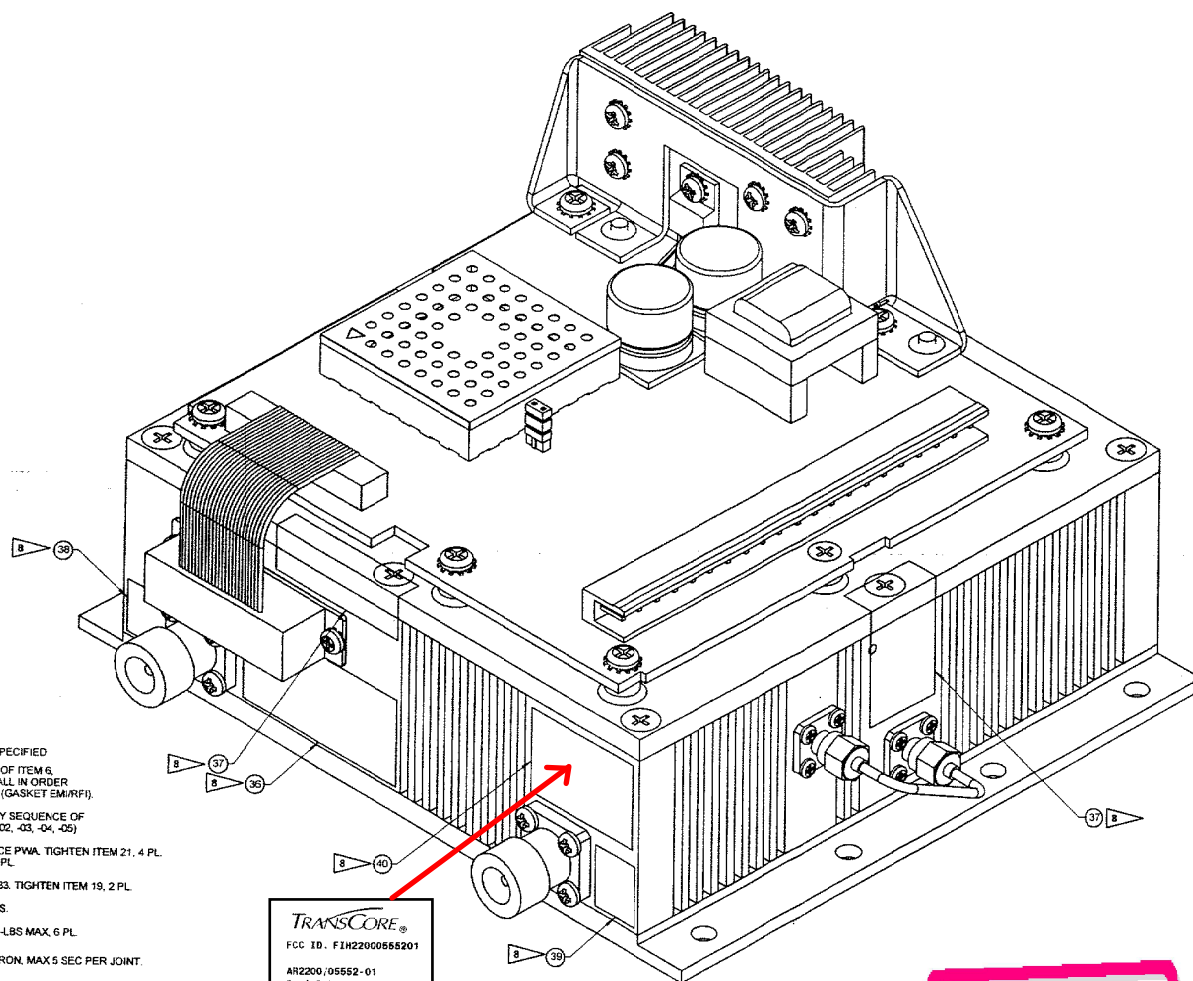
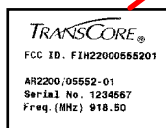




NOTES: UNLESS OTHERWISE SPECIFIED

1. DURING INSTALLATION OF ITEM 6, PUSH PWB AGAINST WALL IN ORDER TO COMPRESS ITEM 32 (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 H11 ON ITEM 3-13.
7. DISCARD O-RING FROM ITEM 25 (IF INSTALLED) BEFORE ASSEMBLY.
8. APPLY APPROXIMATELY AS SHOWN.
9. ITEM 30 (Q12, 60017-01) 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.



PROPRIETARY INFORMATION OF
TRANSCORE
AMTECH TECHNOLOGY CENTER

REVISIONS						
REV	ECO	DESCRIPTION	E. DATE	L. DATE	DFTR	CHKR
A		CONFIGURATION CONTROL RELEASE			BPS	JRO

1	1	1	1	1	EA	03447-01	LABEL, FCC/PRODUCT ID	40
1	1	1	1	1	EA	03449-01	LABEL, ANT1	39
1	1	1	1	1	EA	03448-01	LABEL, ANT0	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	GaAs 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	34324-01	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, SHLDR, 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
2	2	2	2	2	EA	90002-17	SCREW, P/H, PHIL #4-40 X 312	21
24	24	24	24	24	EA	90002-03	SCREW, P/H, PHIL #2-56 X 250	20
16	16	16	16	16	EA	90006-49	SCREW, F/H, PH, #6-32 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	1	1	1	1	EA	06515-05	PWA, AR2200, RF SOURCE	15
1	1	1	1	1	EA	06515-04	PWA, AR2200, RF SOURCE	14
1	1	1	1	1	EA	06515-03	PWA, AR2200, RF SOURCE	13
1	1	1	1	1	EA	06515-02	PWA, AR2200, RF SOURCE	12
1	1	1	1	1	EA	06515-01	PWA, AR2200, RF SOURCE	11
1	1	1	1	1	EA	06516-01	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	01614-01	LID, TOP, NEXT GEN RF MOD	6
1	1	1	1	1	EA	01615-01	LID, BOTTOM, NEXT GEN RF MOD	5
1	1	1	1	1	EA	01616-01	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 DFTR BPS DSGNR BPS CHKR BPS PROJ BPS ENGRG BPS MFG BPS MATRL BPS QA BPS	DATE 01/20/03 01/20/03 01/20/03 01/20/03 01/20/03 01/20/03 01/20/03 01/20/03
AMTECH PROPRIETARY INFORMATION TOLERANCE UNLESS OTHERWISE SPECIFIED KEY: ANGLES (°) SURFACE	
DRAWING TITLE ASSY, RF CASSIS, L-BAND	
DO NOT SCALE DRAWING	
SCALE NA	SIZE D
DRAWING NO. 05552-00	
SHEET 1 OF 4	