

## **Modification on FCC ID : EW780-4177-B6**

The FCC ID : EW780-4177-B6 applies to both Sony SPP-900 & VTECH VT9108. Both models are using the same electronics & share the same PCB. The only difference is the cosmetic.

The modification made is basically replacing the 2 ceramic filters & a few components by a Saw Duplexer. Details component changes are list as follows :-

Handset RF board :

- 1) Remove ceramic filter F1, F2
- 2) Remove inductor L3, L4
- 3) Remove capacitor C2, C3, C4
- 4) Add Saw Duplexer F1

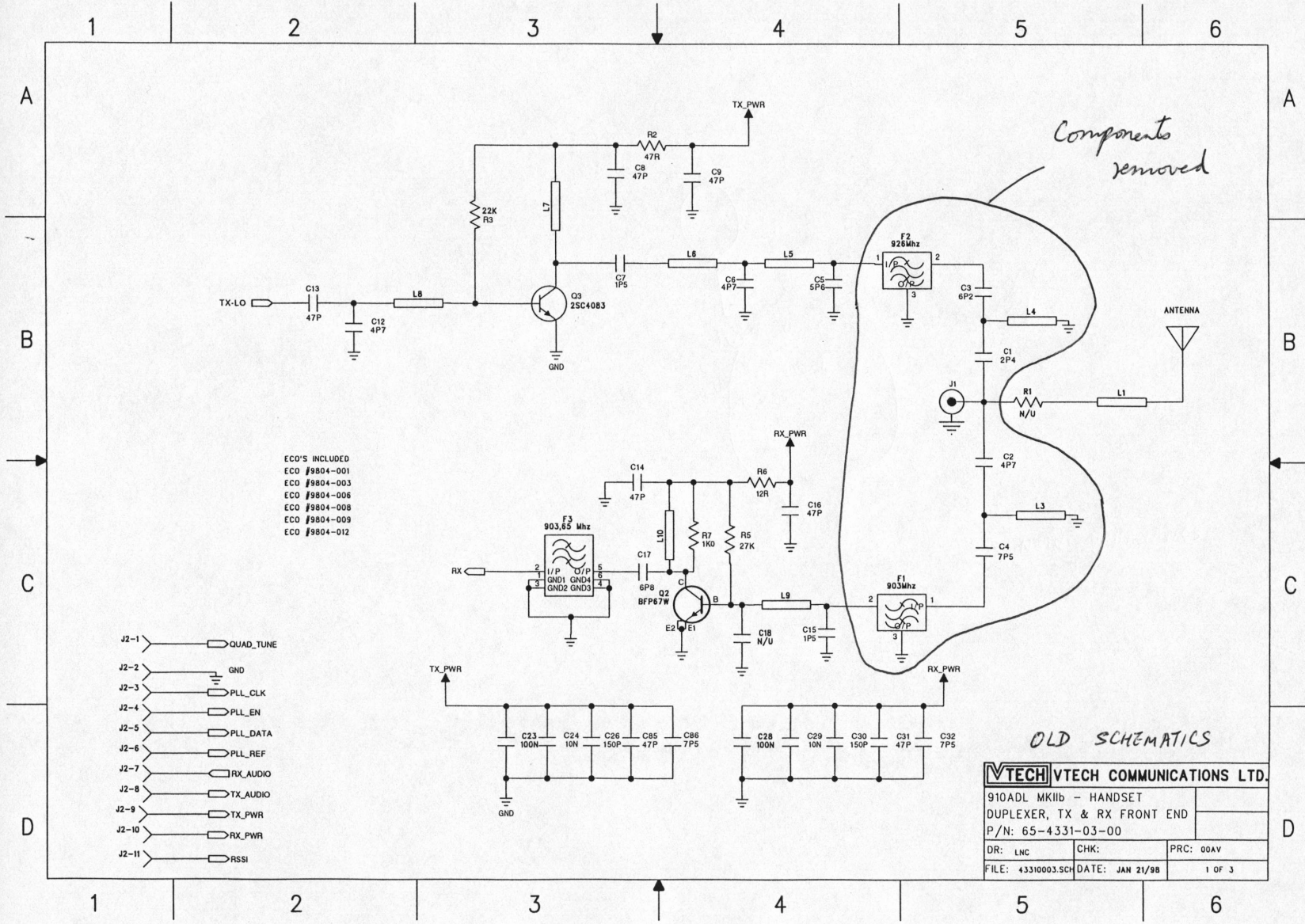
Base RF board :

- 5) Remove ceramic filter F1, F2
- 6) Remove inductor L3, L4
- 7) Remove capacitor C1, C2, C3, C4
- 8) Add Saw Duplexer F1

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Handset	RF circuitry	Sheet 1 of 3 (new)	-- Page 3
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Base	RF circuitry	Sheet 1 of 3 (old)	-- Page 6
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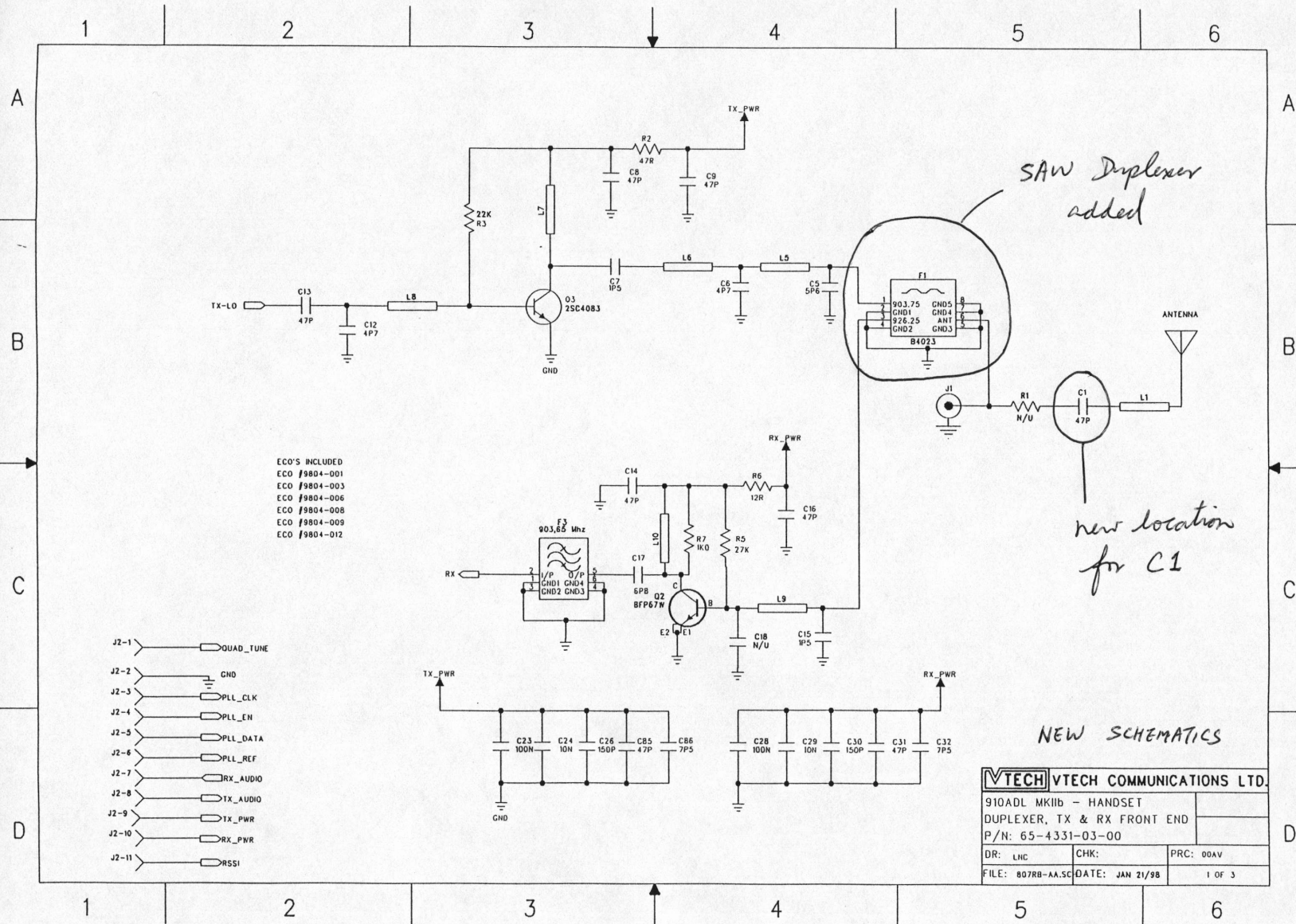
ECO'S INCLUDED  
 ECO #9804-001  
 ECO #9804-003  
 ECO #9804-006  
 ECO #9804-008  
 ECO #9804-009  
 ECO #9804-012

- J2-1 → QUAD\_TUNE
- J2-2 → GND
- J2-3 → PLL\_CLK
- J2-4 → PLL\_EN
- J2-5 → PLL\_DATA
- J2-6 → PLL\_REF
- J2-7 → RX\_AUDIO
- J2-8 → TX\_AUDIO
- J2-9 → TX\_PWR
- J2-10 → RX\_PWR
- J2-11 → RSSI

OLD SCHEMATICS

<b>VTECH VTECH COMMUNICATIONS LTD.</b>		
910ADL MKIIb - HANDSET		
DUPLXER, TX & RX FRONT END		
P/N: 65-4331-03-00		
DR: LNC	CHK:	PRC: 00AV
FILE: 43310003.SCH	DATE: JAN 21/98	1 OF 3



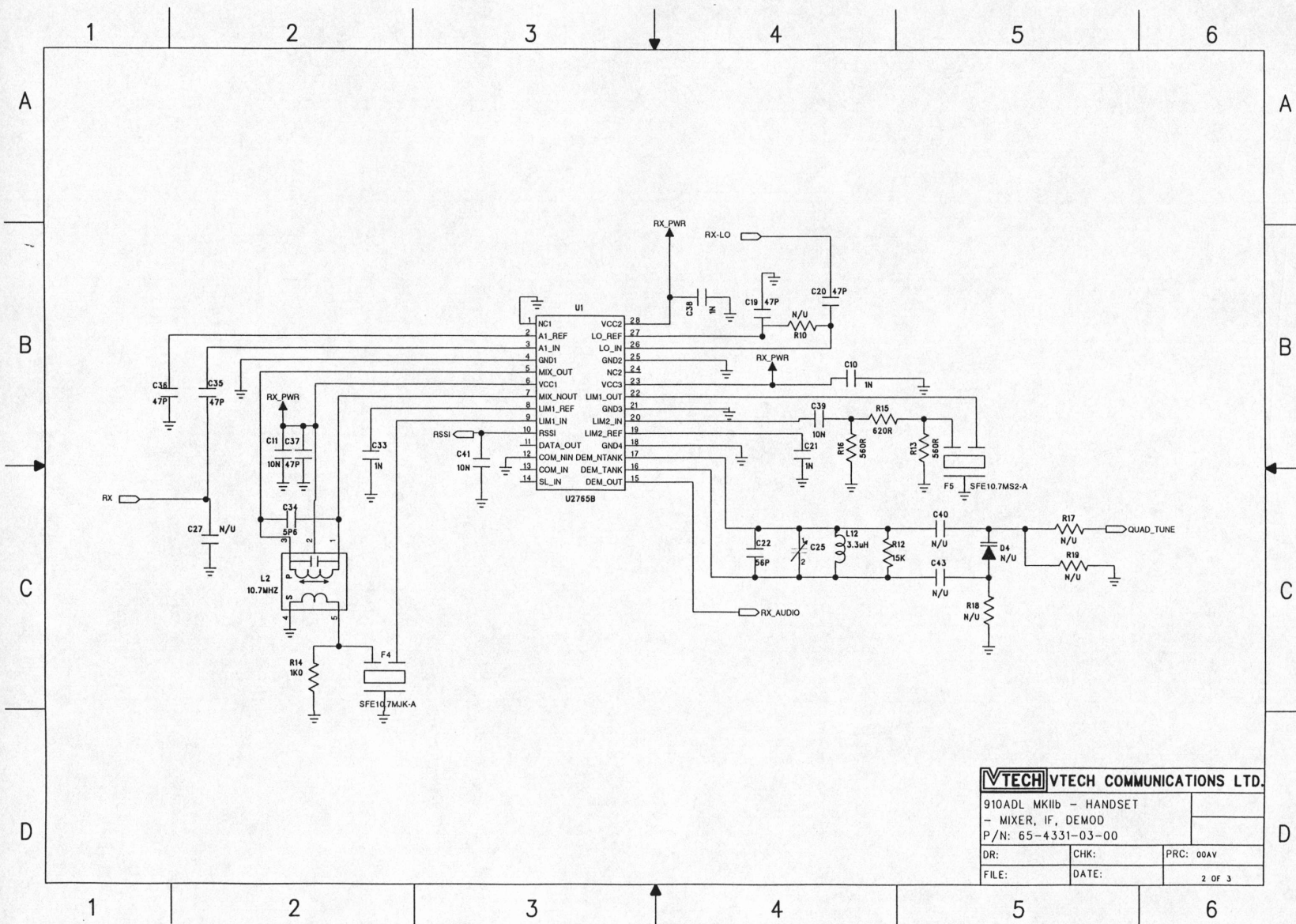


ECO'S INCLUDED  
 ECO #9804-001  
 ECO #9804-003  
 ECO #9804-006  
 ECO #9804-008  
 ECO #9804-009  
 ECO #9804-012

- J2-1 QUAD\_TUNE
- J2-2 GND
- J2-3 PLL\_CLK
- J2-4 PLL\_EN
- J2-5 PLL\_DATA
- J2-6 PLL\_REF
- J2-7 RX\_AUDIO
- J2-8 TX\_AUDIO
- J2-9 TX\_PWR
- J2-10 RX\_PWR
- J2-11 RSSI

<b>VTECH</b> VTECH COMMUNICATIONS LTD.		
910ADL MKIIB - HANDSET		
DUPLEXER, TX & RX FRONT END		
P/N: 65-4331-03-00		
DR: LHC	CHK:	PRC: 00AV
FILE: 807RB-AA.SCH	DATE: JAN 21/98	1 OF 3

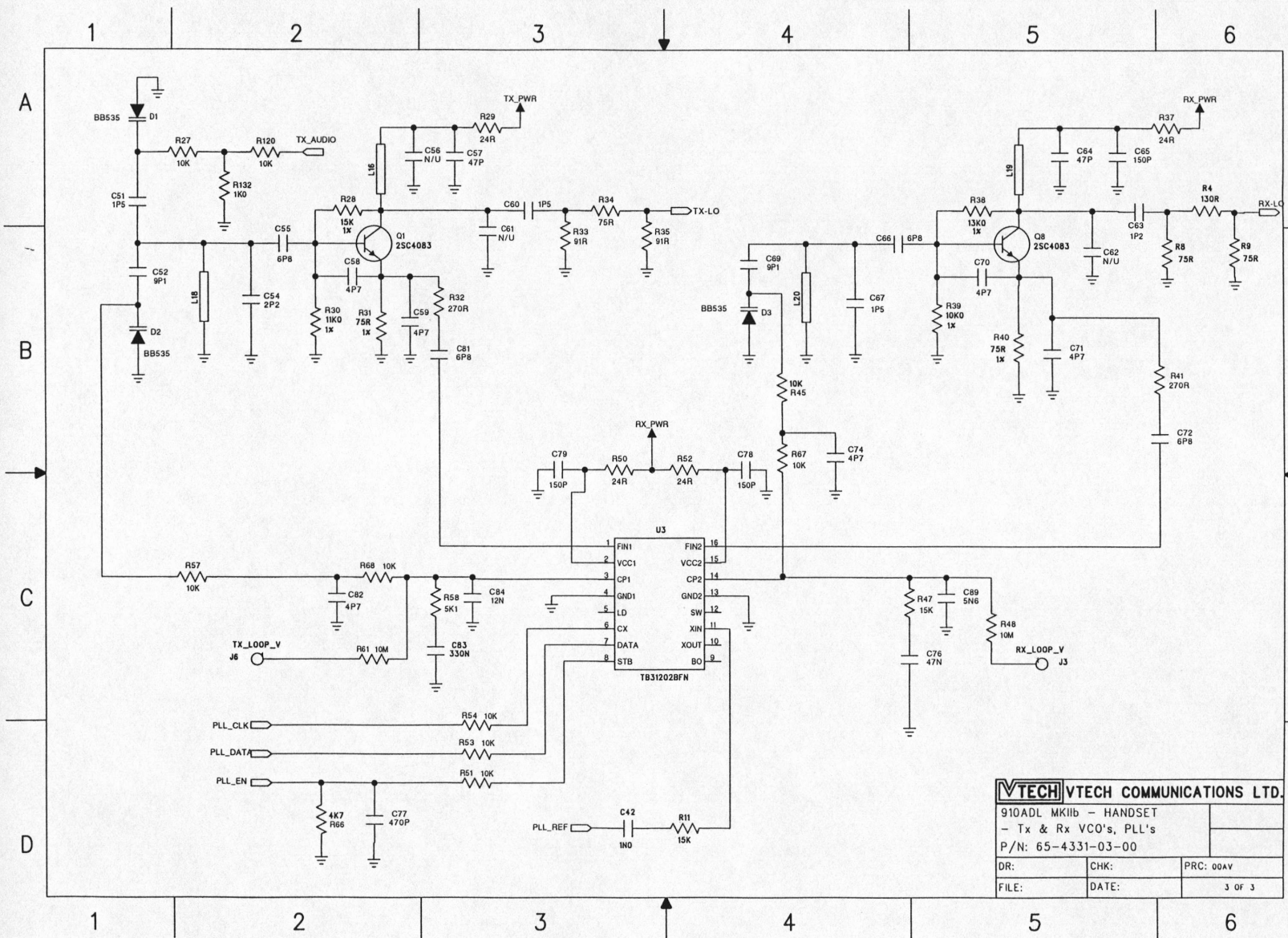
43310003.sch-2 - Tue Mar 2 09:49:09 1999



<b>VTECH</b> VTECH COMMUNICATIONS LTD.		
910ADL MK11b - HANDSET		
- MIXER, IF, DEMOD		
P/N: 65-4331-03-00		
DR:	CHK:	PRC: 00AV
FILE:	DATE:	2 OF 3



43310003.sch-3 - Tue Mar 2 09:49:10 1999



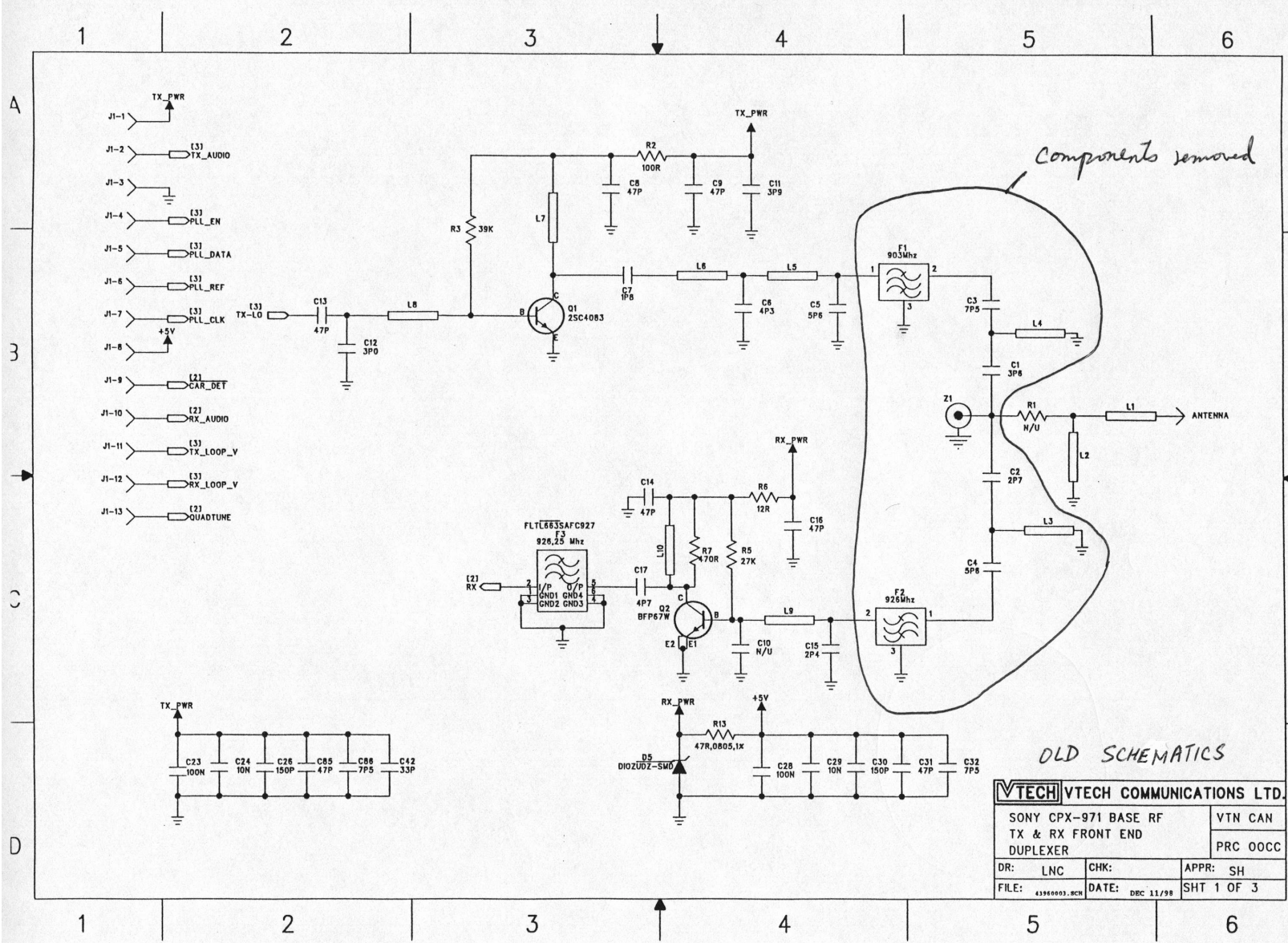
**VTECH VTECH COMMUNICATIONS LTD.**

910ADL MKIIb - HANDSET  
 - Tx & Rx VCO's, PLL's  
 P/N: 65-4331-03-00

DR:	CHK:	PRC: 00AV
FILE:	DATE:	3 OF 3



43960003.sch-1 - Tue Apr 20 15:37:10 1999

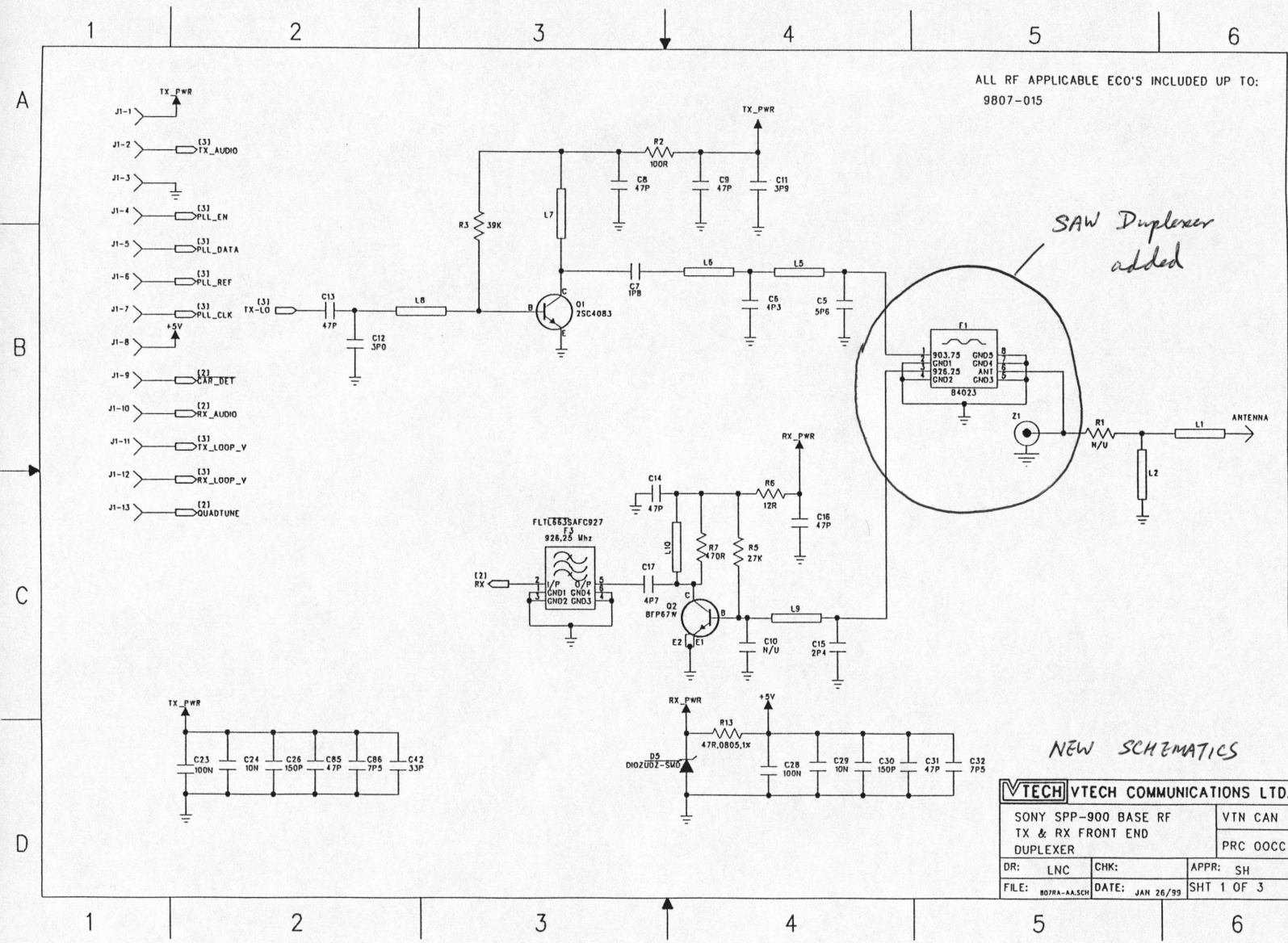


OLD SCHEMATICS

<b>VTECH</b> VTECH COMMUNICATIONS LTD.	
SONY CPX-971 BASE RF TX & RX FRONT END DUPLExER	VTN CAN PRC 00CC
DR: LNC	CHK: APPR: SH
FILE: 43960003.RCH	DATE: DEC 11/98 SHT 1 OF 3



807ra-aa.sch-1 - Wed Mar 10 11:01:30 1999



ALL RF APPLICABLE ECO'S INCLUDED UP TO:  
9807-015

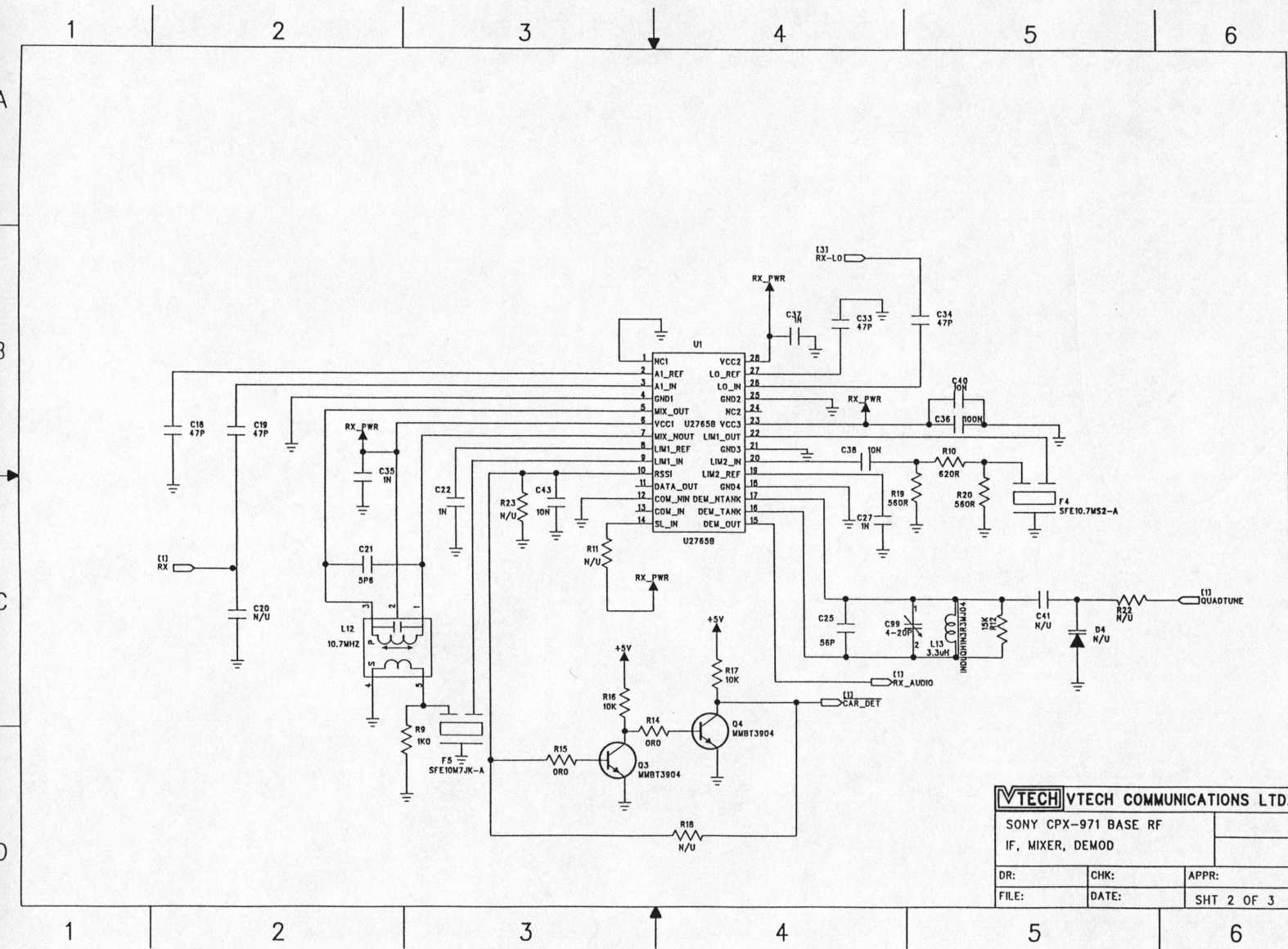
*SAW Duplexer added*

*NEW SCHEMATICS*

<b>VTECH VTECH COMMUNICATIONS LTD.</b>		
SONY SPP-900 BASE RF TX & RX FRONT END DUPLEXER		VTN CAN PRC 00CC
DR: LNC	CHK:	APPR: SH
FILE: 807RA-AA.SCH	DATE: JAN 26/99	SHT 1 OF 3



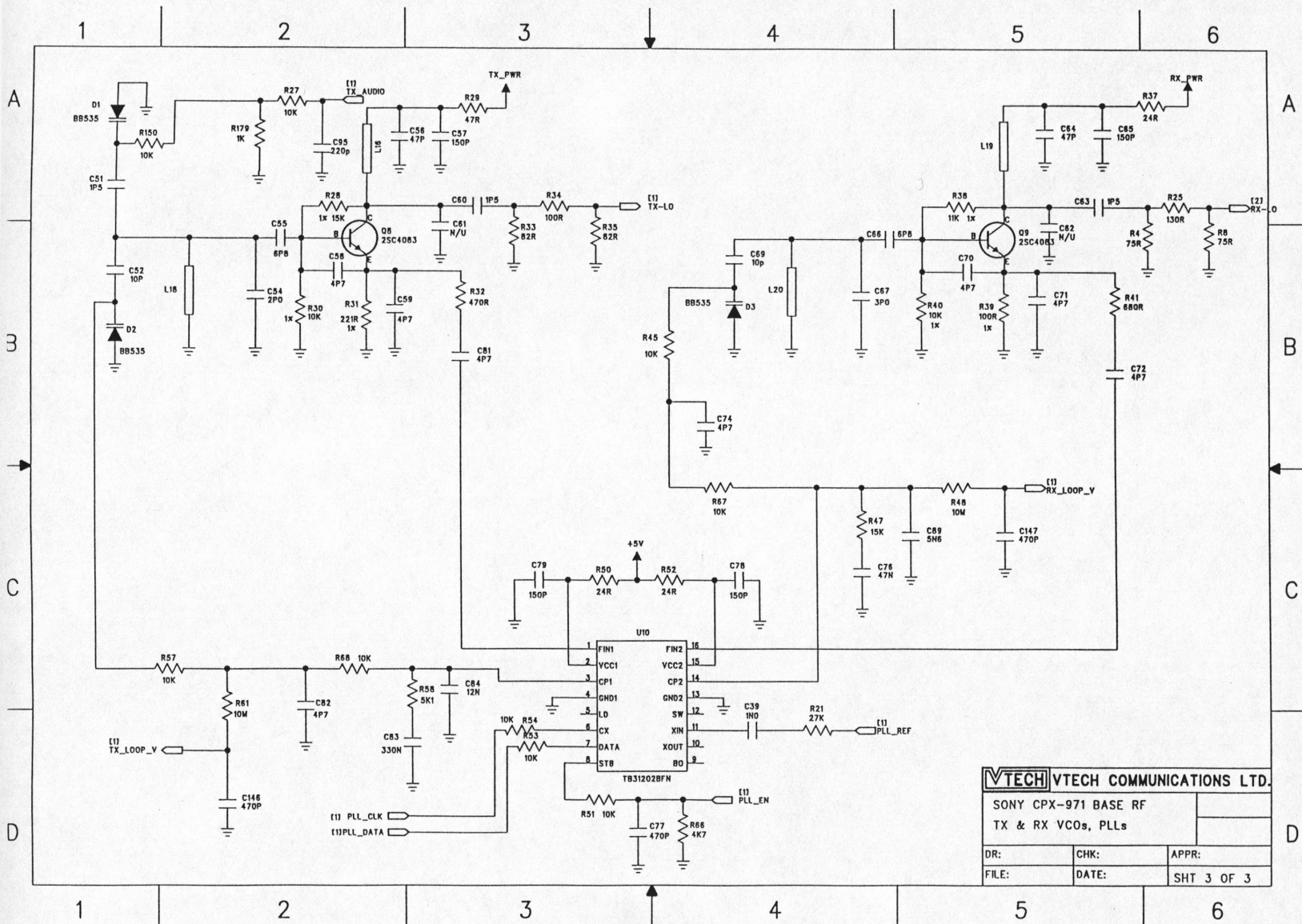
43960003.sch-2 - Tue Apr 20 15:37:11 1999



<b>VTECH</b> VTECH COMMUNICATIONS LTD.		
SONY CPX-971 BASE RF		
IF, MIXER, DEMOD		
DR:	CHK:	APPR:
FILE:	DATE:	SHT 2 OF 3



43960003.sch-3 - Tue Apr 20 15:37:12 1999



<b>TECH VTECH COMMUNICATIONS LTD.</b>		
SONY CPX-971 BASE RF		
TX & RX VCOs, PLLs		
DR:	CHK:	APPR:
FILE:	DATE:	SHT 3 OF 3