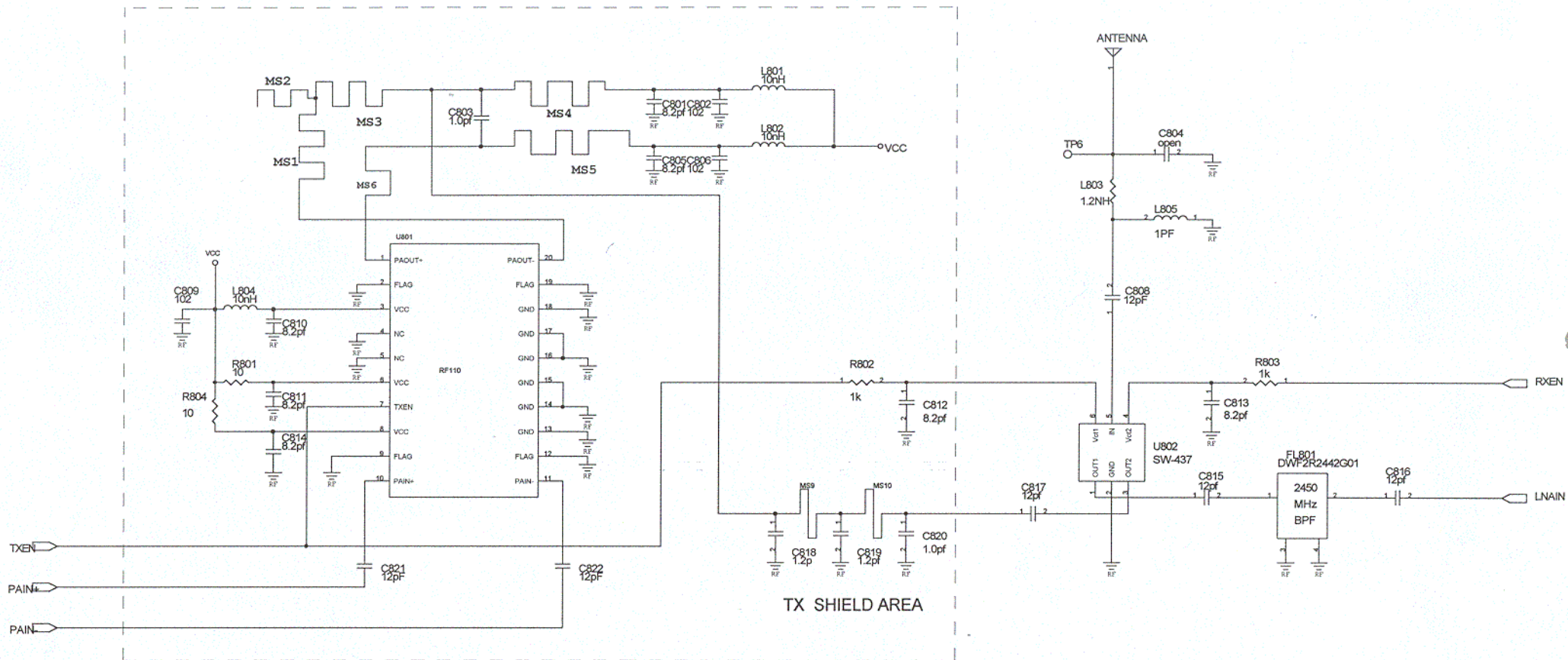




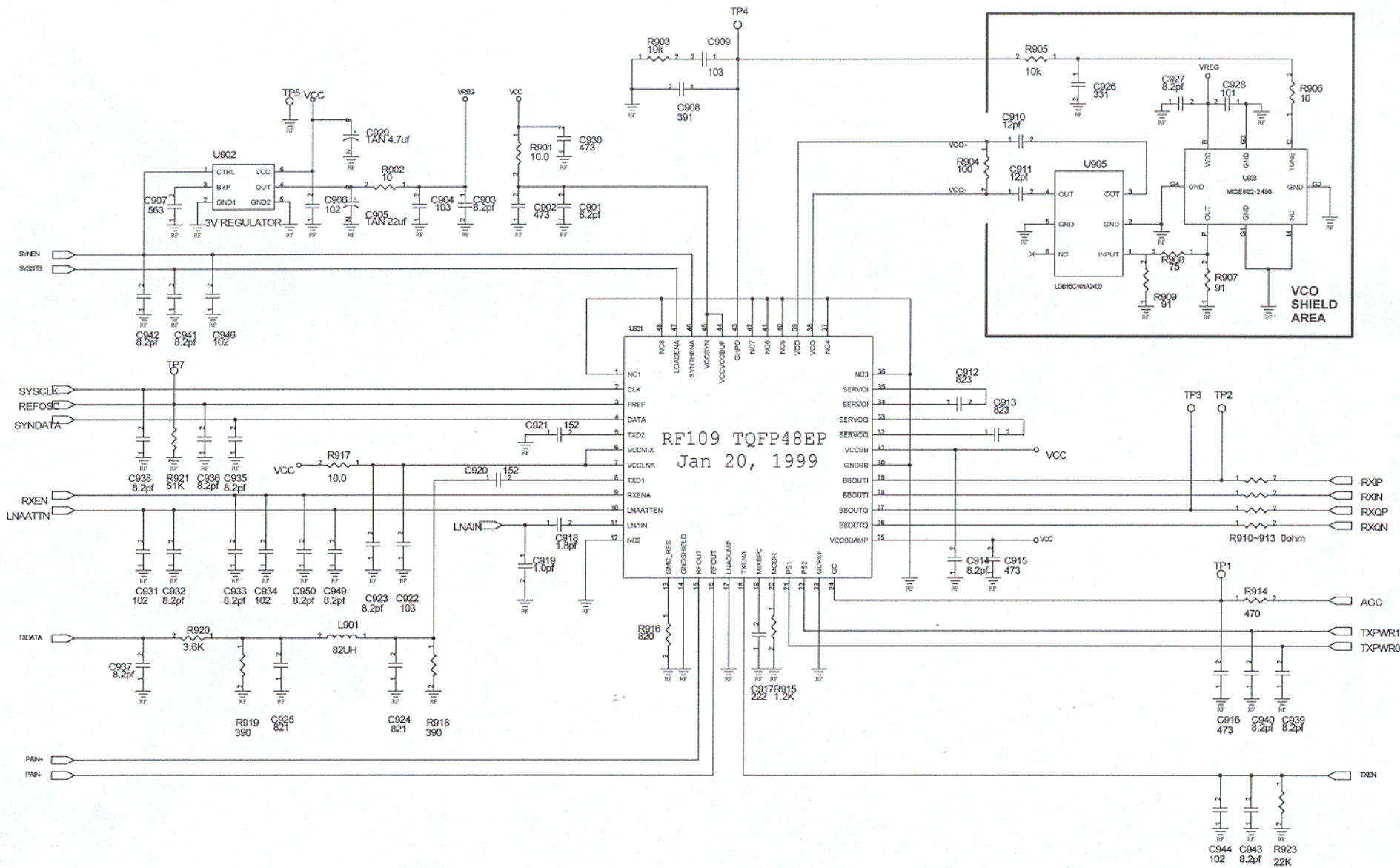
MicroStrip	W(mils)	L(mils)	Z0 / E(deg)
MS1	25.5 mil wide	219 mil long	84 ohm 29.0 deg
MS2	30.0 mil wide	389 mil long	79 ohm 52.0 deg
MS3	17.5 mil wide	401 mil long	97 ohm 52.6 deg
MS4	25.5 mil wide	303 mil long	84 ohm 40.0 deg
MS5	25.5 mil wide	660 mil long	84 ohm 90.0 deg
MS6	25.5 mil wide	30 mil long	84 ohm 4.0 deg

MicroStrip	Z0	E(deg)	W(mils)	L(mils)
MS9	96 R	22.3 deg	W=18.0 mil	L=170 mil
MS10	96 R	22.3 deg	W=18.0 mil	L=170 mil

SONUS TELECOM, INC.
FCC ID : OU3IBM3920
JOB # : 244AK1-1

EXHIBIT # : 4B

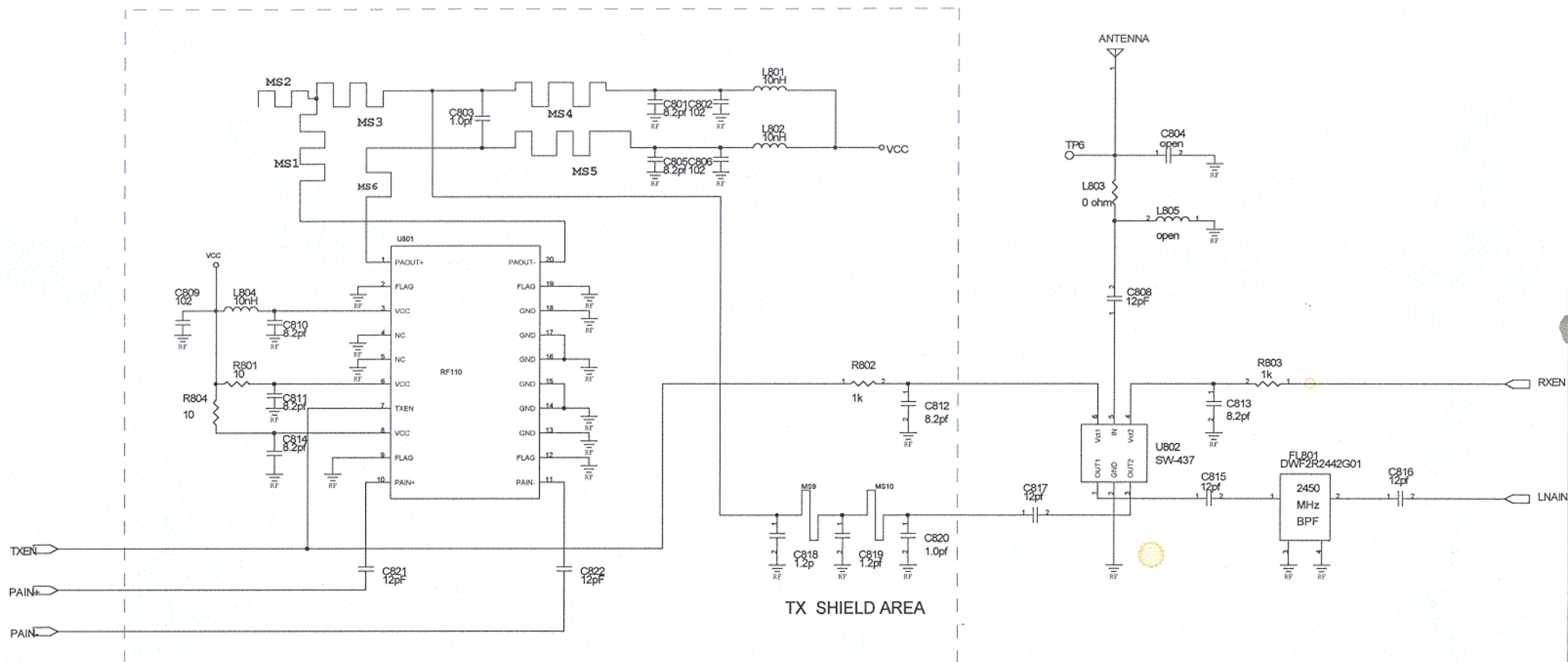
DRN DATE	2001.02.28				
DRND BY	J. H KIM				
CHCK BY	J. H KIM	MODEL IBM-3920 Base Power Amp			
APPD BY	MARTIN. H KIM				
		DRN NO.		REV	0
		SHEET	1 OF 4	SIZE	A4



SONUS TELECOM, INC.
FCC ID : OU3IBM3920
JOB # : 244AK1-1

EXHIBIT # : 4c

DRN DATE	2001.02.28	 International Science Venture	
DRND BY	J. H KIM		
CHKBY	J. H KIM	MODEL	IBM-3920 BASE Transceiver
APPD BY	MARTIN. H KIM		
		DRN NO.	REV 0
		SHEET	2 OF 4
		SIZE	A4



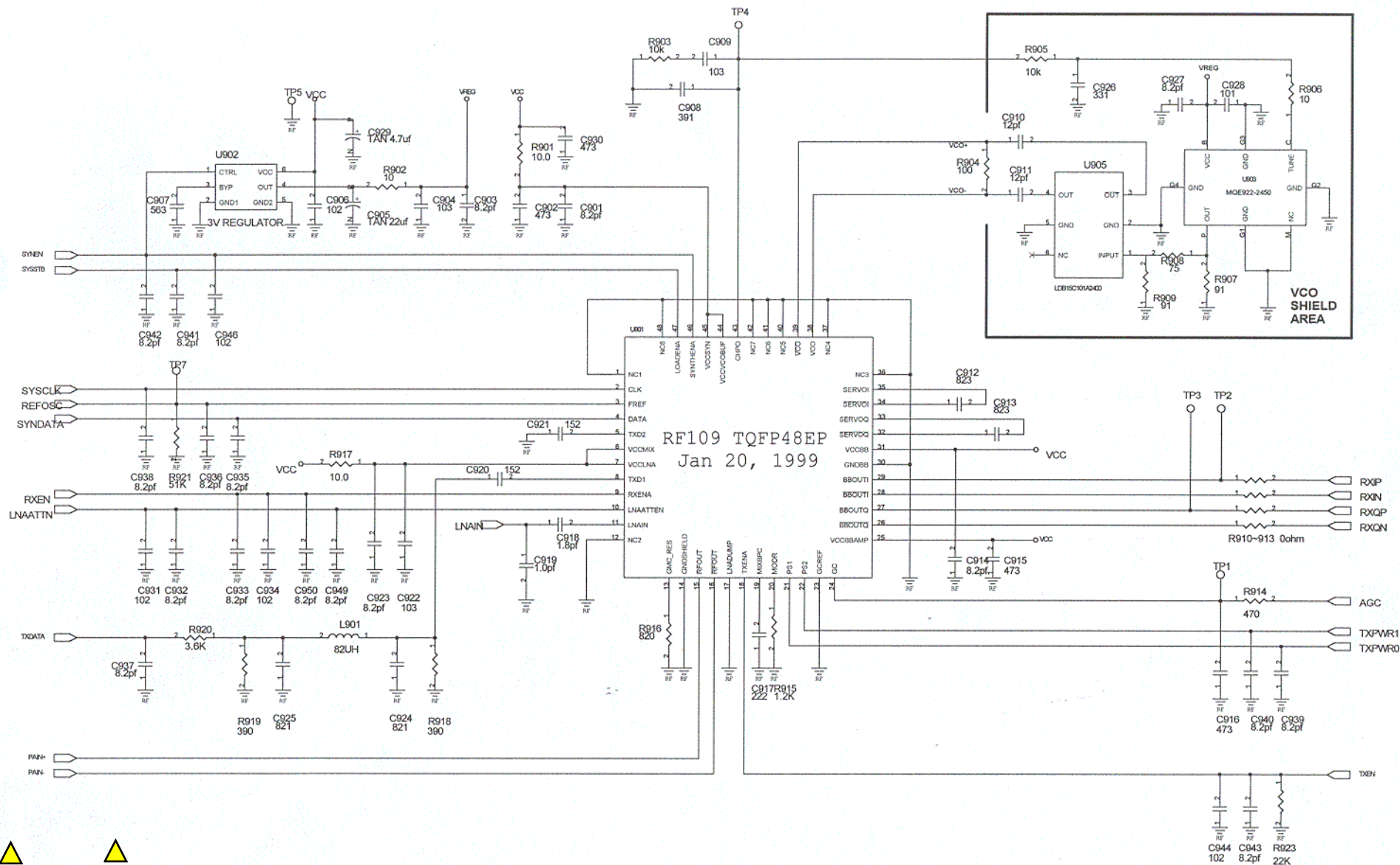
MicroStrip	W(mils)	L(mils)	Z0 / E(deg)
MS1	25.5 mil wide	219 mil long	84 ohm 29.0 deg
MS2	30.0 mil wide	389 mil long	79 ohm 52.0 deg
MS3	17.5 mil wide	401 mil long	97 ohm 52.6 deg
MS4	25.5 mil wide	303 mil long	84 ohm 40.0 deg
MS5	25.5 mil wide	660 mil long	84 ohm 90.0 deg
MS6	25.5 mil wide	30 mil long	84 ohm 4.0 deg

MicroStrip	Z0	E(deg)	W(mils)	L(mils)
MS9	96 R	22.3 deg	W=18.0 mil	L=170 mil
MS10	96 R	22.3 deg	W=18.0 mil	L=170 mil

SONUS TELECOM, INC.
FCC ID : OU3IBM3920
JOB # : 244AK1-1

EXHIBIT # : 40

DRN DATE	2001.02.28				
DRND BY	J. H KIM				
CHK BY	J. H KIM	MODEL IBM-3920 Hand Power Amp			
APPD BY	MARTIN. H KIM				
		DRN NO.		REV	0
		SHEET	3 OF 4	SIZE	A4



SONUS TELECOM, INC.
FCC ID : OU3IBM3920
JOB # : 244AK1-1

EXHIBIT # : 4E

DRN DATE	2001.02.28	 International Science Venture			
DRND BY	J. H. KIM				
CHK BY	J. H. KIM	MODEL			
APPD BY	MARTIN. H. KIM				
		IBM-3920 Hand Tranceiver			
		DRN NO.		REV	0
		SHEET	4 OF 4	SIZE	A4