

A black Furuno SSB Radiotelephone Model FS-1000 is shown against a blue background with light streaks. The device has a microphone on the left connected by a coiled cable. The front panel features a speaker grille on the left, a power switch, a large volume knob, and several smaller control knobs. The text 'FURUNO SSB RADIOTELEPHONE MODEL FS-1000' is printed in the center.

FURUNO

SSB RADIOTELEPHONE
MODEL FS-1000

MIC

SP

POWER

EMISSION

RF GAIN

VOLUME

CLARIFIER

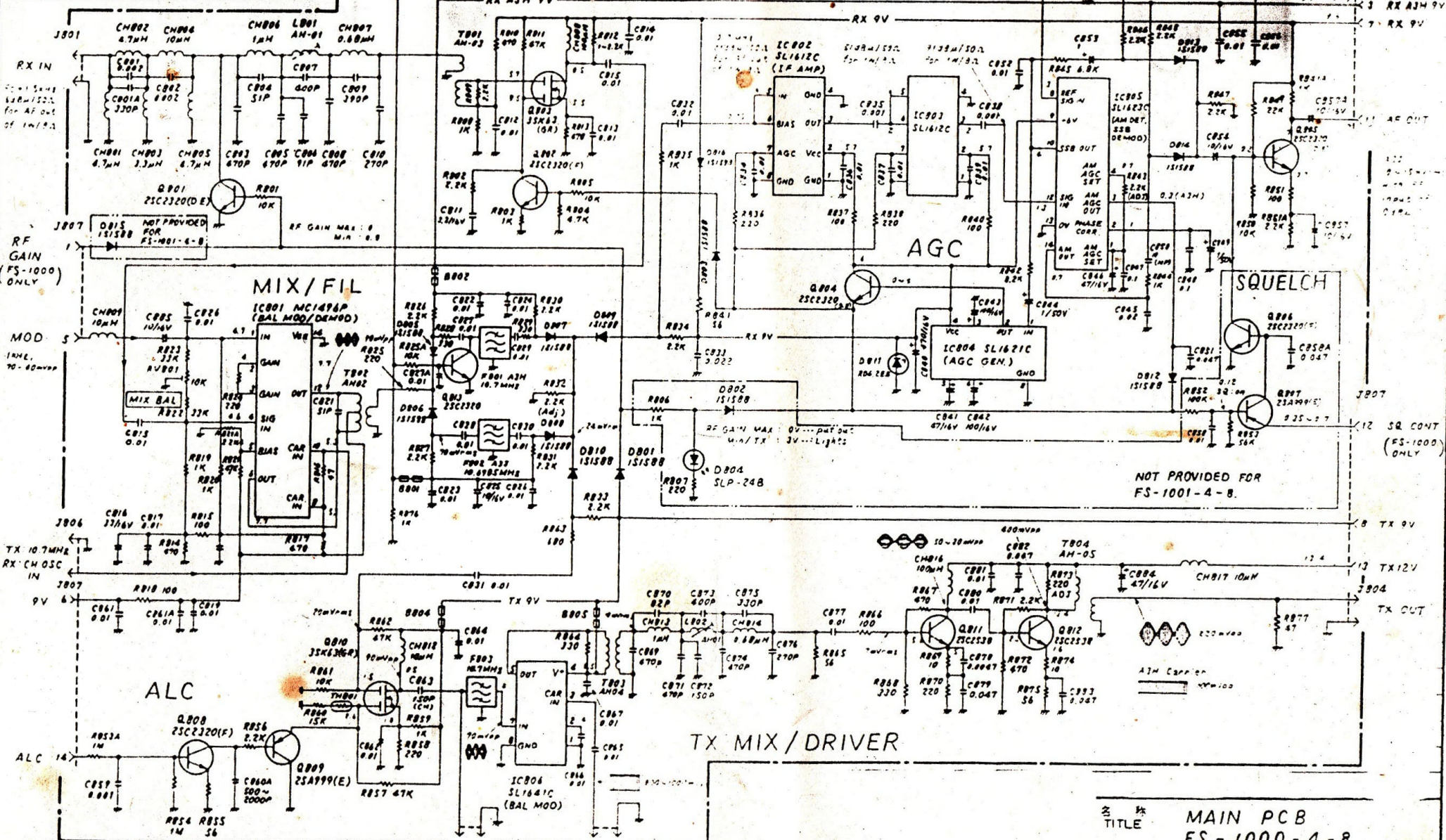
SQUELCH

ON

H3E/R3E • J3E

OFF

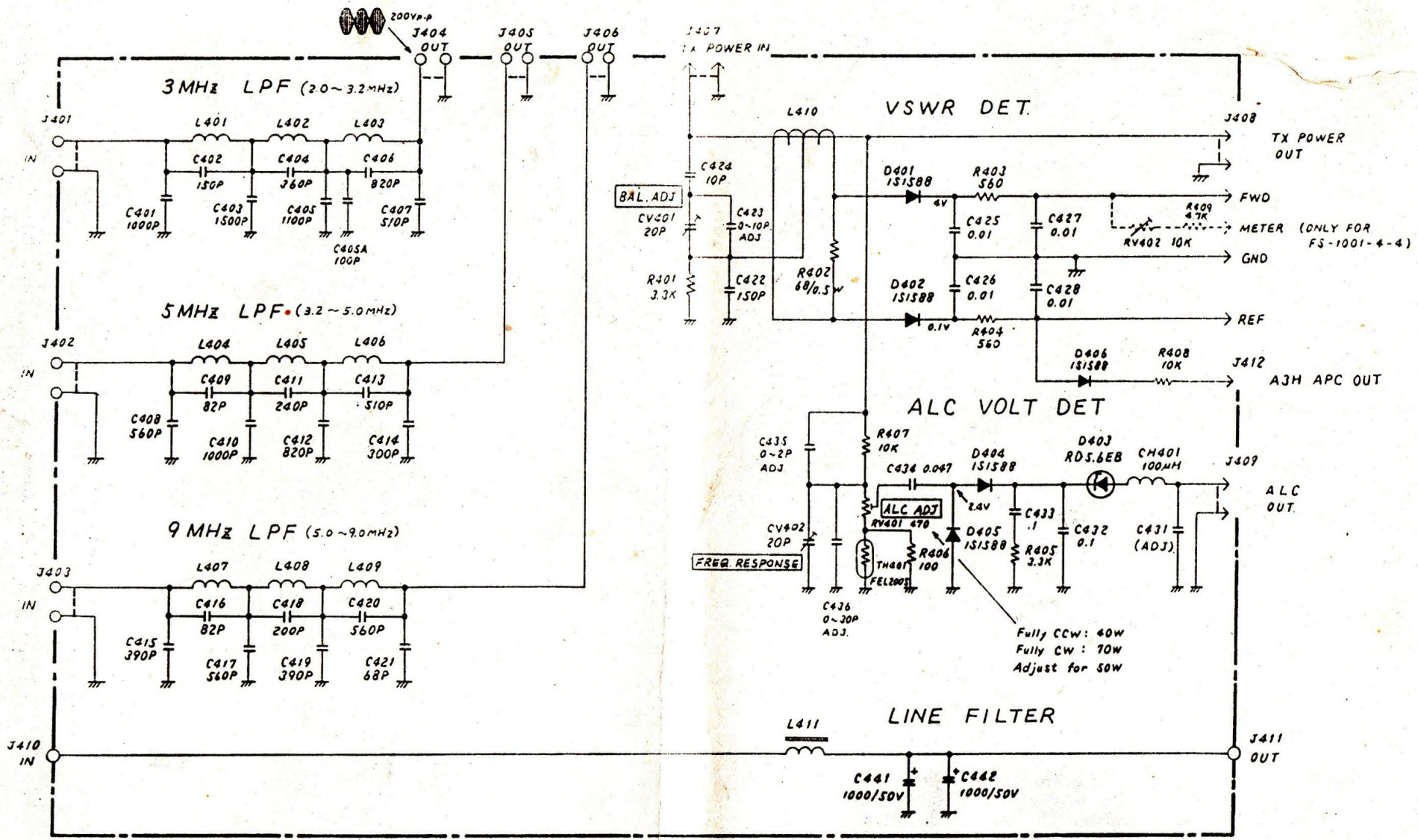
MODIFICATION RECORD	TO IMPROVE:	FS-1000	FS-1001
R821A	1K-10K	CAR. SUPPRESSION	
C868A	100-2000P	ADDER	ALC RISE TIME
R816	1K-0.7K		300 00V-560 10V
R853A	100M-14M		



Note: Unless otherwise specified, RX DC voltages are measured at ASH mode with no input signal. TX DC voltages are measured at ASH mode with no a/c input signal. Waveforms/RF level at ASH mode are measured with a/c input signal of 1MHz, -47dBm.

J802 10.7MHz CAR. INT FOR ASH/A
 J803 CH OSC IN

TITLE MAIN PCB
 FS-1000-4-8
 FS-1001-4-8
 DWG. NO E5349-011-F

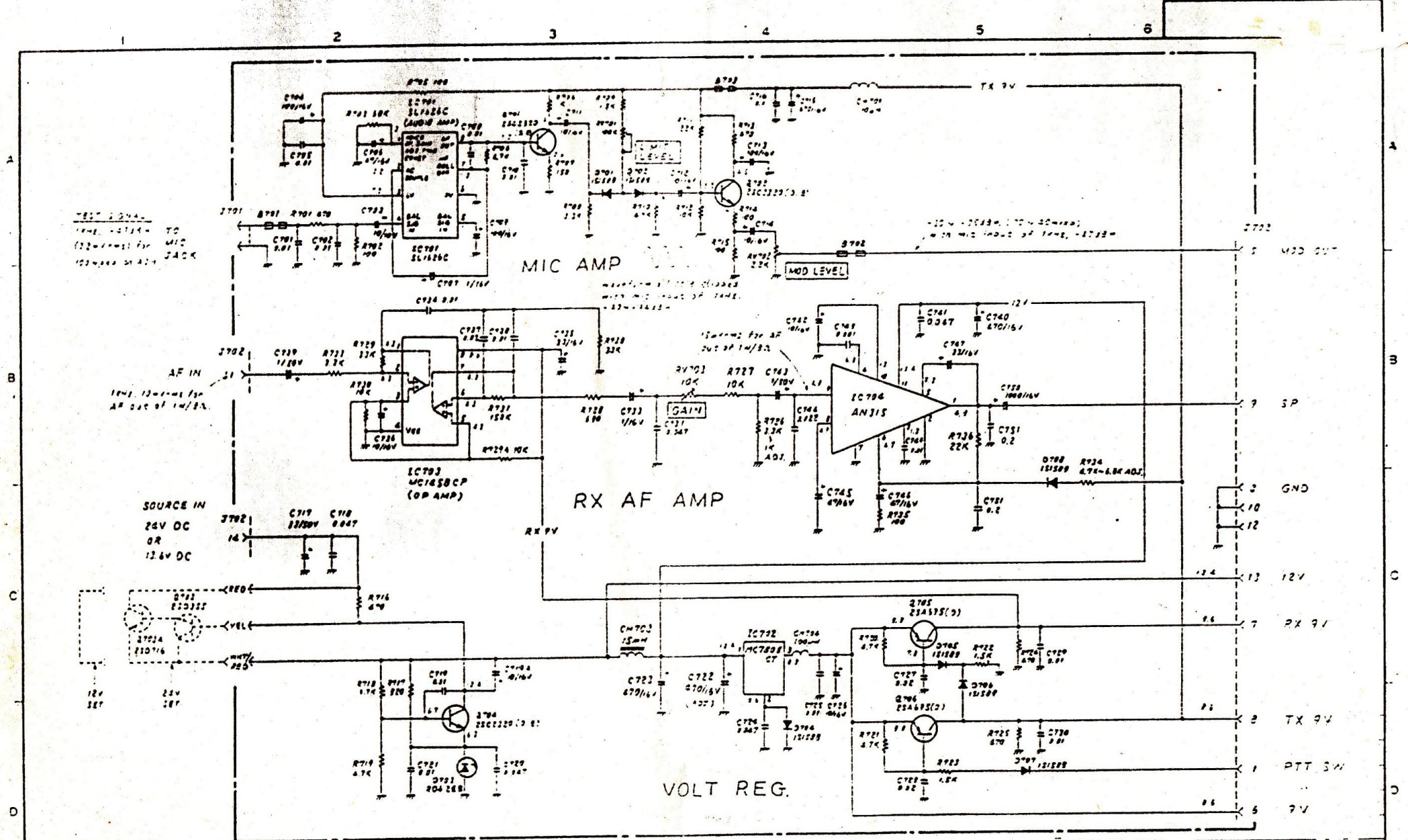


FILTER PCB
 FS-1000-4-4
 FS-1001-4-4

DWG. NO E5349-013-F

R405	10K → 3.3K	ALC DECAY TIME	S/No. 801~	S/No. 101~
C417	620P → 560P	9MHz FIL. CHARACTERISTICS	S/No. 701~	S/No. 001~
MODIFICATION		TO IMPROVE:	FS-1000	FS-1001

FS-1000 : S/NO. 5590 - 0296 AND AFTER
 FS-1001 : S/NO. 5991 - 0001 AND AFTER



TEST SIGNAL TO MIC JACK
12V-100mA for MIC JACK
12V-100mA for MIC JACK

AF IN
100mV-100mA for AF IN
100mV-100mA for AF IN

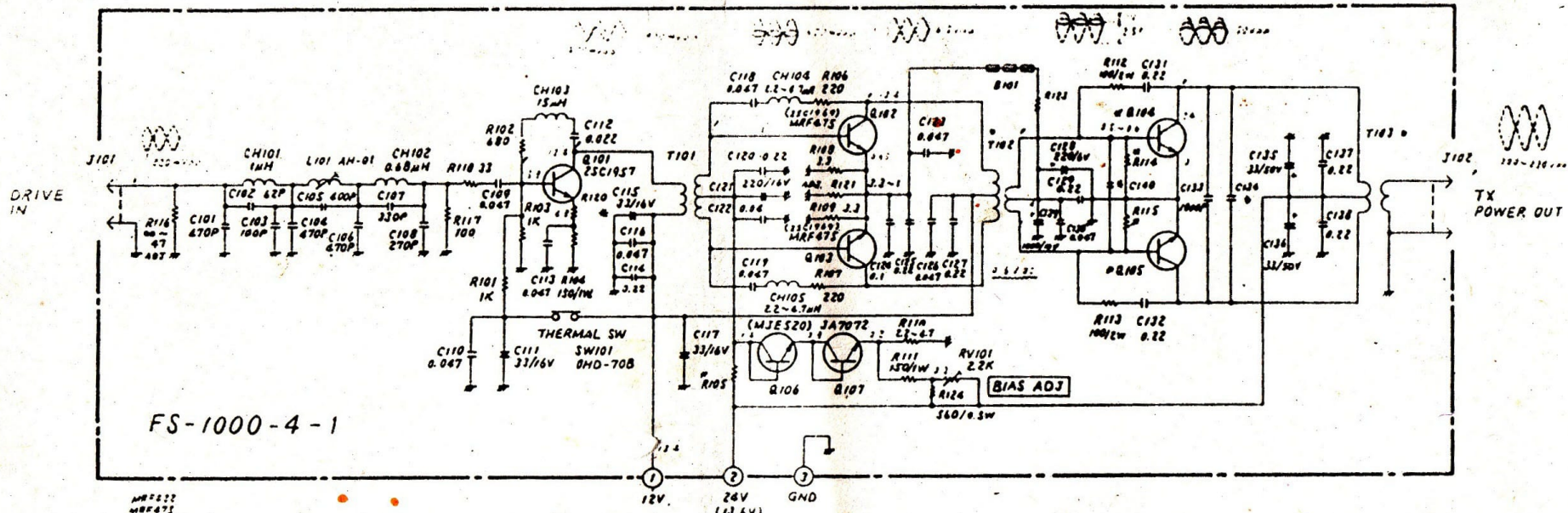
SOURCE IN
24V DC OR 12.6V DC

2702A	250716	ADDED	RELIABILITY OF	2702	250716	ADDED	RELIABILITY OF
2702	250716	ADDED	VOLT REGULATOR	2702	250716	ADDED	VOLT REGULATOR
2702	250716	ADDED	SPEECH CHIMBER	2702	250716	ADDED	SPEECH CHIMBER
MODIFICATION				TO IMPROVE: FS-1000 FS-1001			

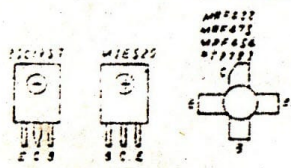
NOTE:
Unless otherwise specified, all DC voltages are measured at 150 Hz mode
with no input signal. TX DC voltages are measured at 150 Hz mode with
no mic input signal. regulator/7V level at 150 Hz mode are measured
with mic input signal of 100mV-100mA.

TITLE	FS-1000/1001
	AF/REG PCB
	FS-1000-4-7
DWG NO	E 5349-009-F

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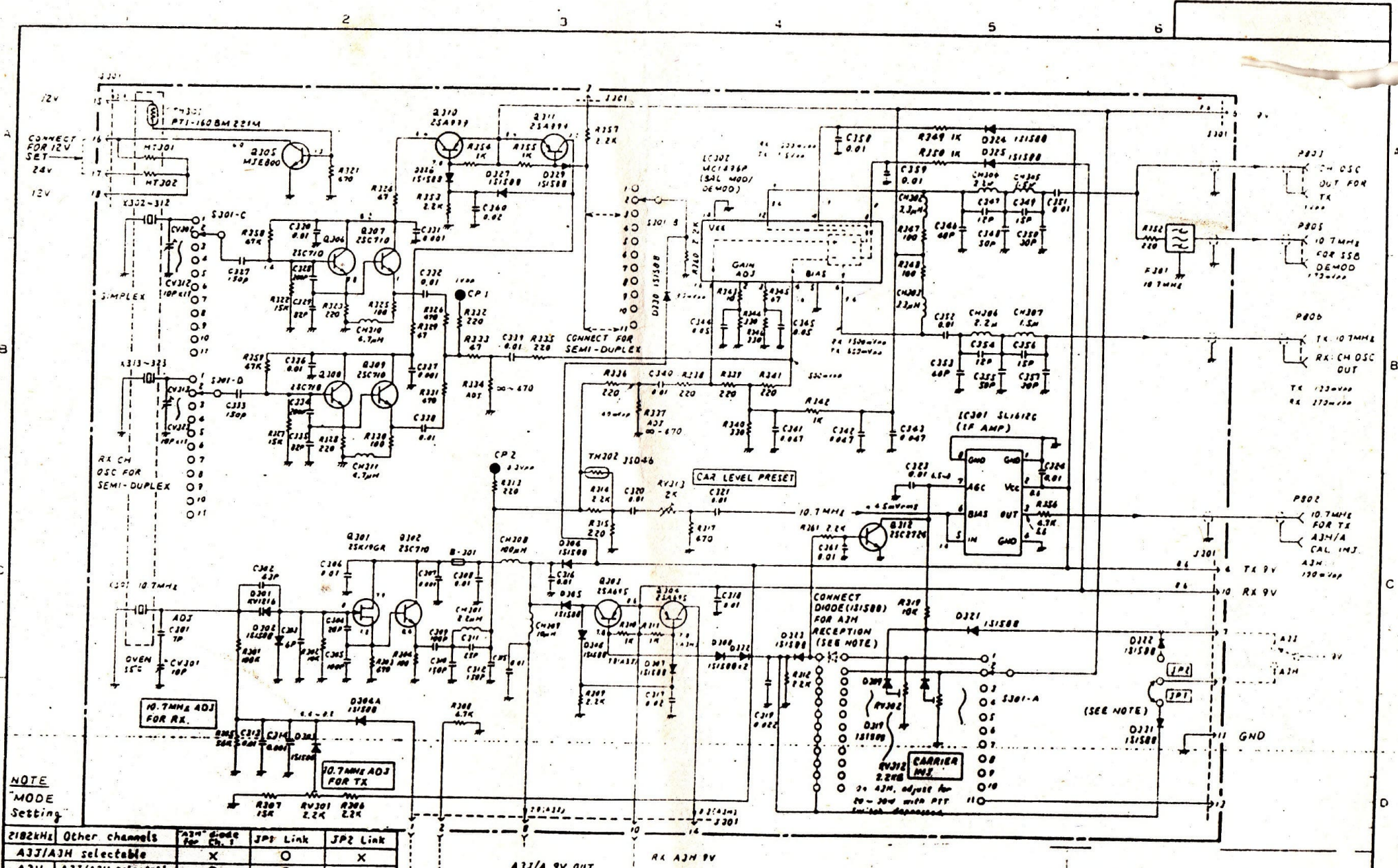
FS-1000-4-1



	Q104/105	R105	R114/115	R123	C140	T102	T103	R120	C134
24V Set	PT9783 (MRF422)	560/1W	20/2W	0.47	—	DRIVE 24V	OUT 24V	33/0.25W	—
12V Set	MRF454	330/1W	10/2W	0	1500P	DRIVE 12V	OUT 12V	10/0.25W	1000PF

Notes:
 Unless otherwise specified, TX DC voltages are measured at 150mV mode with no input signal. TX DC voltages are measured at 150mV mode with no input signal. Waveforms/RF level at 150mV mode are measured with no input signal of 1kHz, -47dB.

TITLE FS-1000/1001
 POWER AMP PCB
 FS-1000-4-1
 DWG. NO. E5349-012-E



NOTE
MODE
Setting

2182kHz	Other channels	A3M mode for Ch. 1	JP1 Link	JP2 Link
A3J/A3M selectable	X	X	O	X
A3M A3J/A3M selectable	O	O	O	X
A3M A3J	O	O	X	O

Note:
Unless otherwise specified, RX DC voltages are measured at A3M mode with no input signal. TX DC voltages are measured at A3M mode with no mic input signal. Waveforms/RF level at A3M mode are measured with mic input signal of 1kHz, -47dBm.

FS-1000 S/NB 5590-1101 AND AFTER
FS-1001 S/NB 5591-9201 AND AFTER

6 TITLE FS-1000/FS-1001
OSC PCB
FS-1000-4-6 B
7 DMG NO E5349-010-F

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