10 Standard Schematic Diagram

■ Pre Amplifier Section: Drawing Number VDH7048-001PW

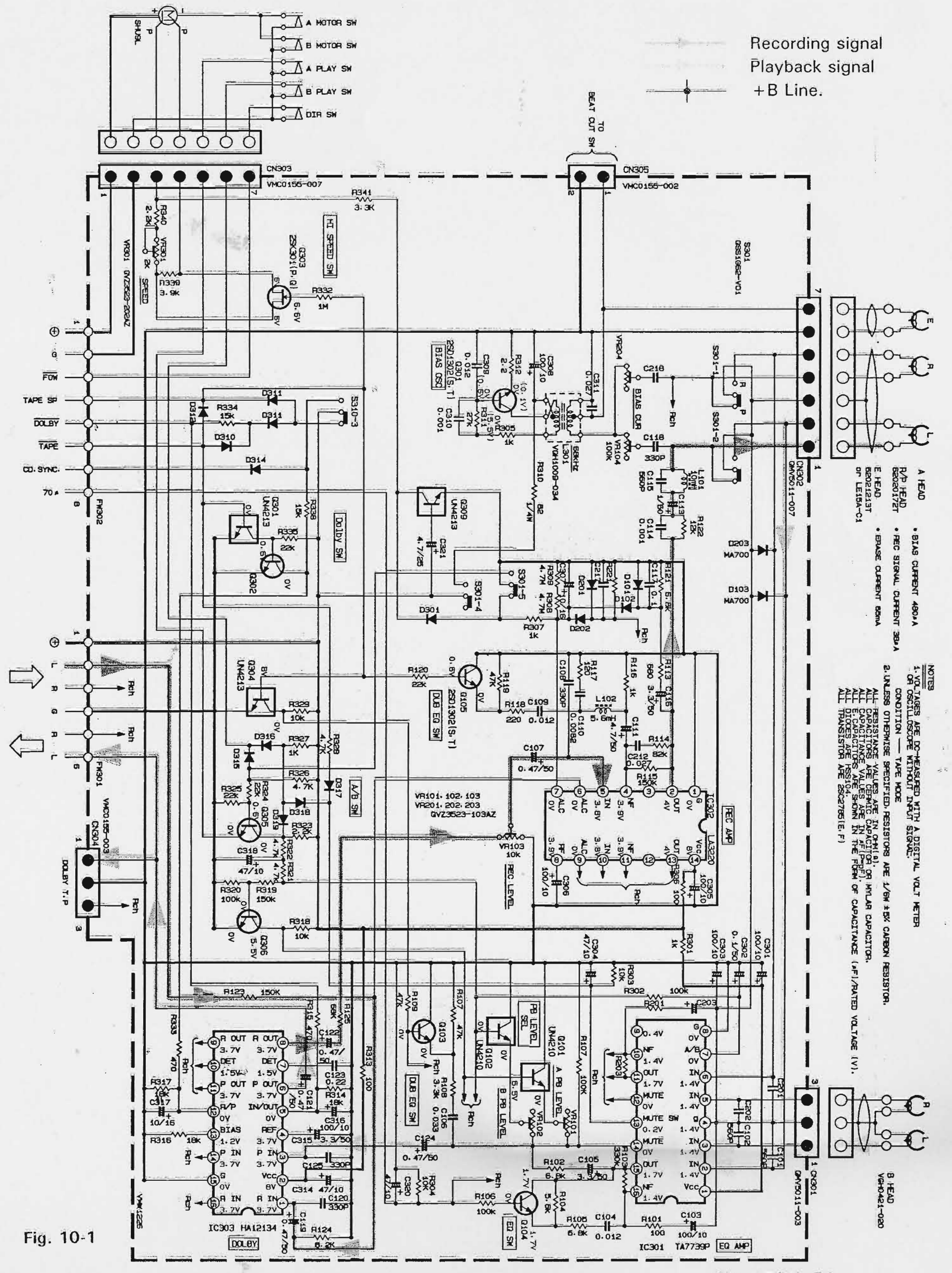


Fig. 10-1

■ Power Amplifier/Power Supply Sections: Drawing Number VDH7048-001AW

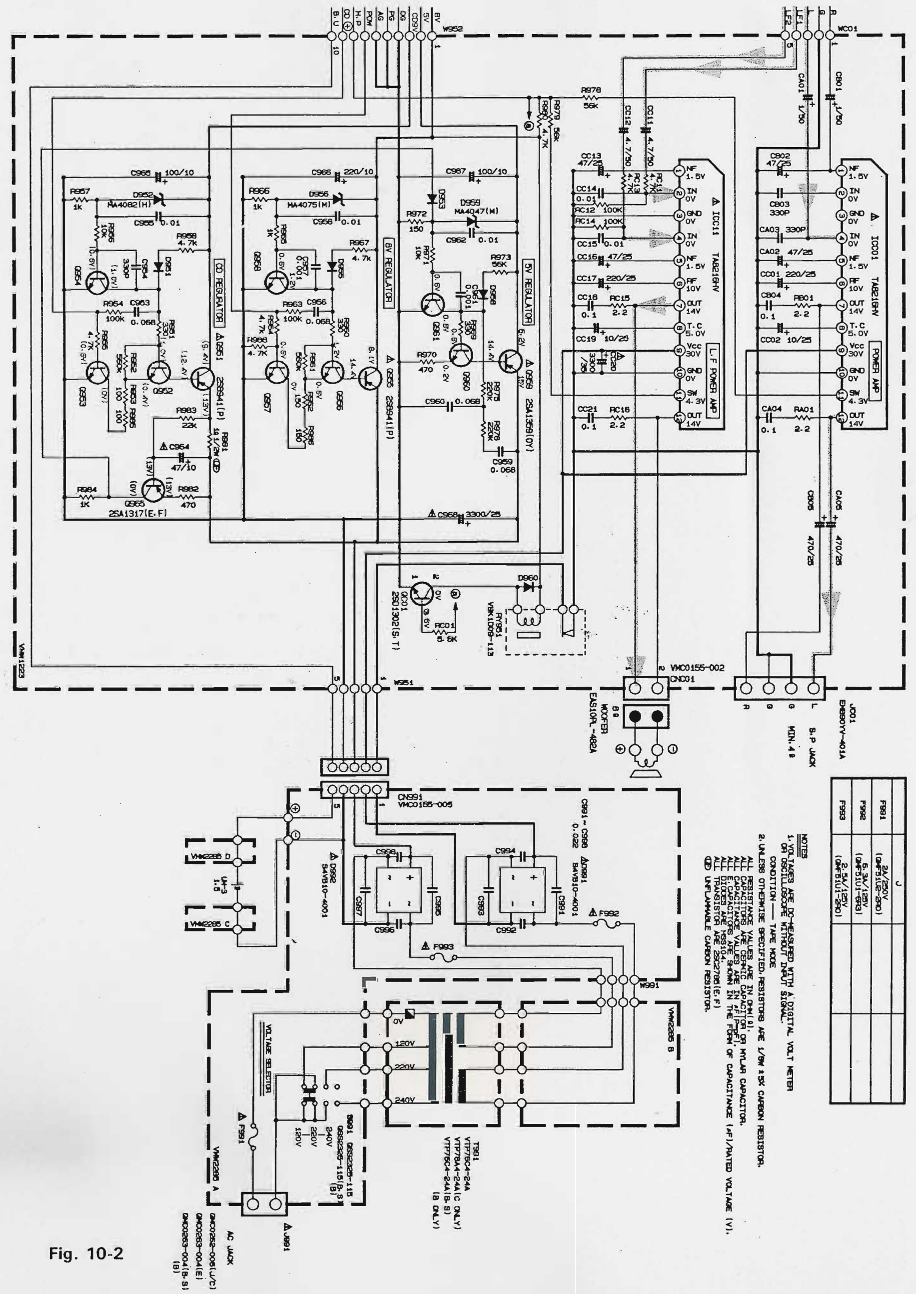
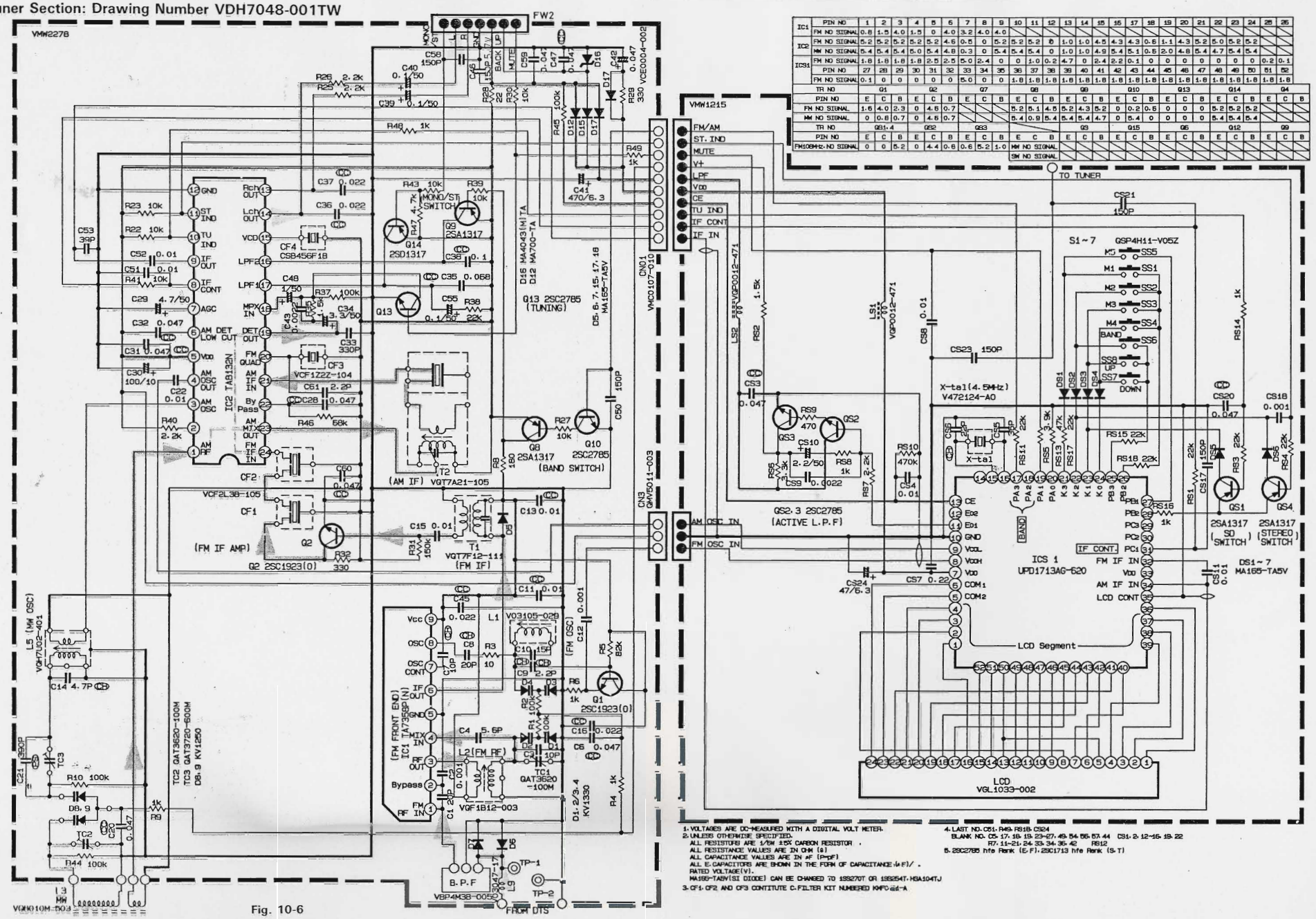


Fig. 10-2

■ Tuner Section: Drawing Number VDH7048-001TW



IC1	PIN NO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	FM NO SIGNAL	0.8	1.5	4.0	1.5	0	4.0	3.2	4.0	4.0																	
IC2	FM NO SIGNAL	5.2	5.2	5.2	5.2	5.2	4.6	0.5	0	5.2	5.2	5.2	0	1.0	1.0	4.5	4.3	4.3	0.5	1.1	4.3	5.2	5.0	5.2	5.2		
	MW NO SIGNAL	5.4	5.4	5.4	5.0	5.4	4.8	0.3	0	5.4	5.4	5.4	0	1.0	1.0	4.9	5.4	5.1	0.5	2.0	4.8	5.4	4.7	5.4	5.4		
IC31	FM NO SIGNAL	1.8	1.8	1.8	1.8	2.5	2.5	5.0	2.4	0	0	1.0	0.2	4.7	0	2.4	2.2	0.1	0	0	0	0	0	0	0	0.2	0.1
	PIN NO	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
	FM NO SIGNAL	0.1	0	0	0	0	0	5.0	0	0	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8

TR NO	Q1			Q2			Q7			Q8			Q9			Q10			Q13			Q14			Q4		
PIN NO	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
FM NO SIGNAL	1.6	4.0	2.3	0	4.6	0.7				5.2	5.1	4.5	5.2	4.3	5.2	0	0.2	0.5	0	0	0	5.2	5.2	5.2			
MW NO SIGNAL	0	0.8	0.7	0	4.6	0.7				5.4	0.9	5.4	5.4	5.4	4.7	0	5.4	0	0	0	0	5.4	5.4	5.4			
TR NO	Q31, 4			Q32			Q33			Q3			Q15			Q5			Q12			Q9					
PIN NO	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B			
FM108MHz NO SIGNAL	0	0	5.2	0	4.4	0.6	0.6	5.2	1.0	MW NO SIGNAL																	
										SW NO SIGNAL																	

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER.
2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTORS ARE 1/8W ±5% CARBON RESISTOR .
   ALL RESISTANCE VALUES ARE IN OHM (Ω)
   ALL CAPACITANCE VALUES ARE IN μF (P=pF)
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE/(μF)/ .
   RATED VOLTAGE(V).
   MA165-TA5V(SI DIODE) CAN BE CHANGED TO 1SS270T OR 1SS254T-H3A104TJ
3. CF1, CF2 AND CF3 CONTITUTE C-FILTER KIT NUMBERED KWFC@4-A
4. LAST NO. C51, R49, RS18, CS24
   BLANK NO. C5, 17, 18, 19, 23~27, 49, 54, 56, 57, 44 CS1, 2, 12~16, 19, 22
   R7, 11~21, 24, 33, 34, 36, 42 RS12
5. 2SC2785 hfe Rank (E, F), 2SC1713 hfe Rank (S, T)

Fig. 10-6