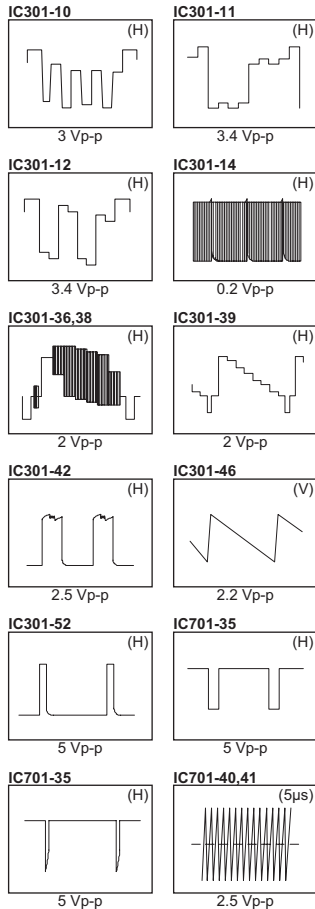
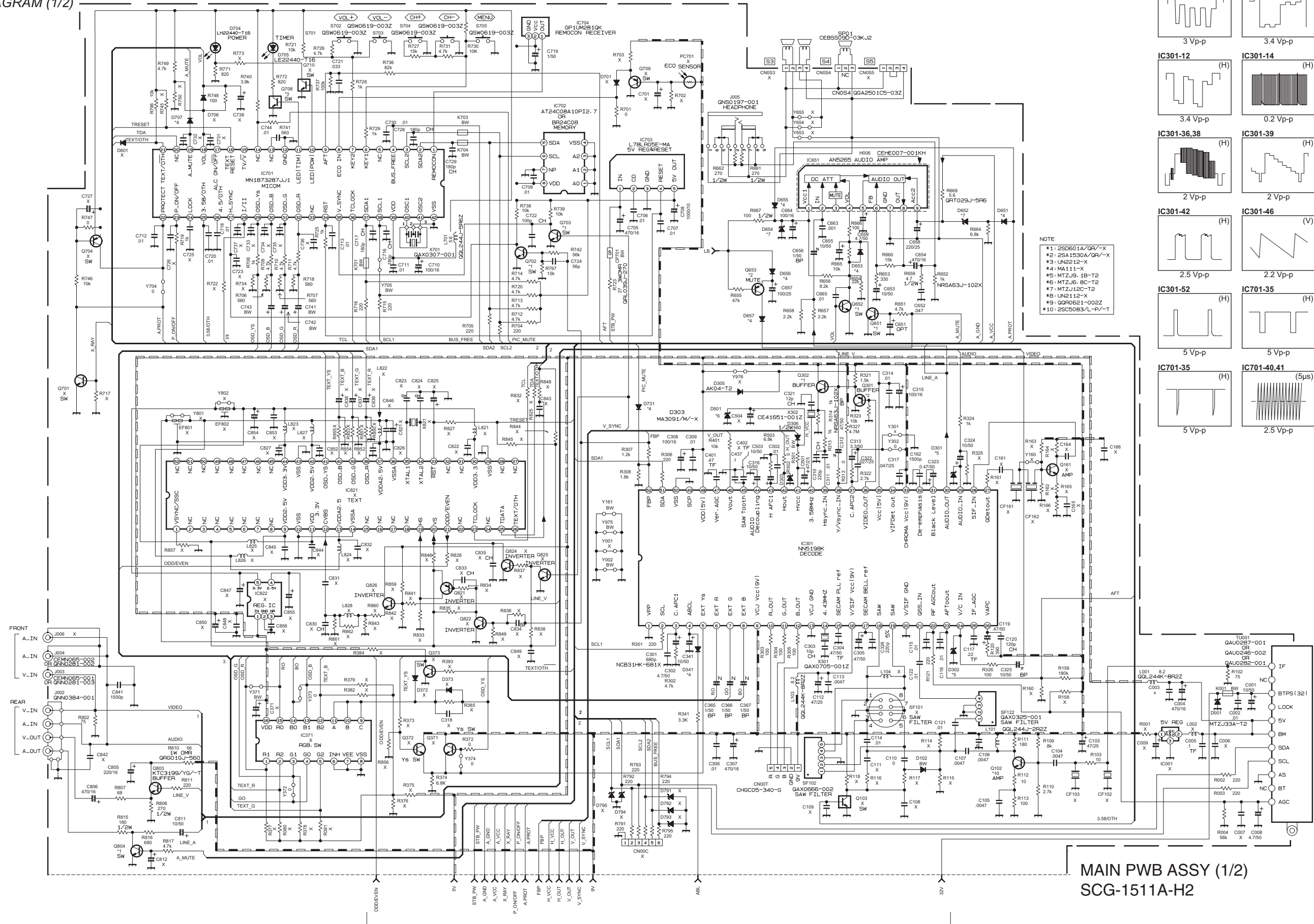


CIRCUIT DIAGRAMS
MAIN PWB CIRCUIT DIAGRAM (1/2)

MODE	PIN NO.	DC (V)	MODE	PIN NO.	DC (V)
IC301	1	0	34	4.9	
	2	4.2		35	4.7
	3	6.2		36	4.7
	4	3.3		37	4.4
	5	0		38	4.4
	6	4.9		39	4.9
	7	4.9		40	-
	8	4.9		41	-
	9	4.9		42	0
IC702	1	0		43	0
	10	3.2		44	0
	11	3.1		45	0
	12	3.1		46	0
	13	0		47	0
	14	4.9		48	4.9
	15	4.1		49	4.9
	16	9		50	0
	17	3.8		51	4.9
	18	2.7		52	0
	19	2.7		53	0
	20	0		54	0
	21	1.8		55	0
	22	1.8		56	0
	23	3.6		57	0
	24	3.2		58	0
	25	2.9		59	0
	26	3.4		60	0
	27	3.4		61	0
	28	3.6		62	0
	29	3.9		63	0
	30	3.2		64	0
	31	4.2		65	0
	32	4.2		66	0
	33	4.3		67	0
	34	NC		68	0
	35	4.6		69	0
	36	4.2		70	0
	37	8.5		71	0
	38	4.2		72	0
	39	4.3		73	0
	40	2.7		74	0
	41	6.2		75	0
	42	0		76	0
	43	3.4		77	0
	44	3.7		78	0
	45	1.1		79	0
	46	3		80	0
	47	5		81	0
	48	4.8		82	0
	49	NC		83	0
	50	0		84	0
	51	4.3		85	0
	52	0.6		86	0
IC651	1	12.4		87	0
	2	5.5		88	0
	3	NC		89	0
	4	0.3		90	0
	5	10.5		91	0
	6	10.7		92	0
	7	0		93	0
	8	10.9		94	0
	9	22.1		95	0
IC701	1	4.8		96	0
	2	4.9		97	0
	3	4.9		98	0
	4	0		99	0
	5	NC		100	0
	6	4.9		101	0
	7	4.9		102	0
	8	4.9		103	0
	9	2.9		104	0
	10	4.9		105	0
	11	0		106	0
	12	0		107	0
	13	2.4		108	0
	14	0.1		109	0
	15	NC		110	0
	16	4.2		111	0
	17	NC		112	0
	18	0.7		113	0
	19	0		114	0
	20	4.7		115	0
	21	0		116	0
	22	4.9		117	0
	23	4.9		118	0
	24	1.7		119	0
	25	4.9		120	0
	26	0		121	0
	27	4.1		122	0
	28	4.9		123	0
	29	0		124	0
	30	0		125	0
	31	0		126	0
	32	0		127	0
	33	NC		128	0



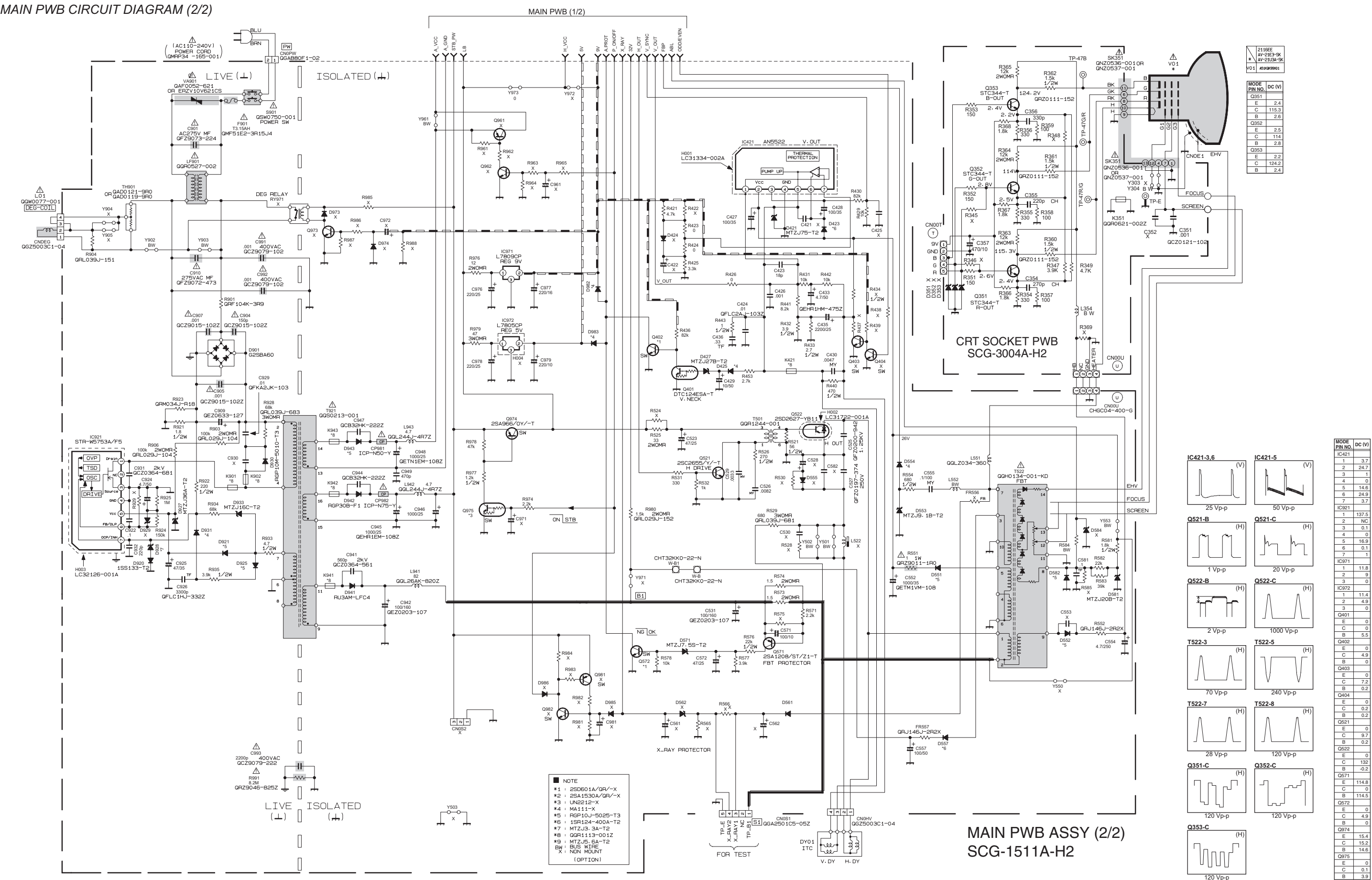
NOTE

- *1: 2SD601A/GR/-X
- *2: 2SA1530A/GR/-X
- *3: UN2212-X
- *4: MA1111-X
- *5: MTZJ9.1B-T2
- *6: MTZJ6.8C-T2
- *7: MTZJ12C-T2
- *8: UN2112-X
- *9: GQ0621-002Z
- *10: 2SC5083/L-P/-T

MAIN PWB ASSY (1/2)
SCG-1511A-H2

MAIN PWB (2/2)

MAIN PWB CIRCUIT DIAGRAM (2/2)



4.6 BASIC OPERATION OF SERVICE MENU

4.6.1 TOOL OF SERVICE MENU OPERATION

Operate the SERVICE MENU with the REMOTE CONTROL UNIT.

4.6.2 SERVICE MENU ITEMS

With the SERVICE MENU, various adjustments can be made, and they are broadly classified in the following items of settings.

1.IF	Adjustment of the IF circuits.
2.V/C	Adjustment of the VIDEO circuit.
3.DEF	Adjustment of the DEFLECTION circuit.
4.VSM PRESET	Adjustment of the initial setting values of VSM condition as STANDARD, SOFT and BRIGHT.
5.PRESET	Adjustment of the RF circuit [Do not adjust] .
6.SETUP TOUR OFF	It should be able to select mode (LANGUAGE and AUTO CH PRESET) [Should be OFF] .

4.6.3 HOW TO ENTER THE SERVICE MENU

Press the [DISPLAY] key and the [PICTURE MODE] key of the REMOTE CONTROL UNIT simultaneously. Then enter the SERVICE MENU mode as shown in Fig.1.

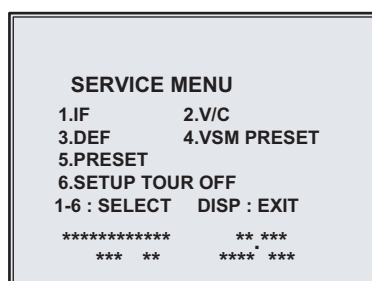


Fig.1

4.6.4 HOW TO STORE OF SETTING VALUE

The setting value will be stored automatically when release the REMOTE CONTROL UNIT keys

4.6.5 HOW TO EXIT THE SERVICE MENU

When complete the adjustment work, press the [DISPLAY] key to return to the SERVICE MENU. And then press the [DISPLAY] key again, return to the normal screen.

4.6.6 SELECTION OF SUB MENU SCREEN

Press one of [1] to [6] keys of the REMOTE CONTROL UNIT and select the SUB MENU SCREEN form the SERVICE MENU.

