

LINE:		YELLOW		LAST READ:	4/4/2022	DATE:	4/7/2022		RELAY HOUSE:		ASBURY				
GRS II AUDIO READINGS DATA SHEET				TRANSMIT MODULE TEST POINTS						RECEIVE MODULE TEST		RECEIVER AMPLIFIER A1 PCB			
										POINTS					
BOARD TEST POINTS				Line(+)	Line(+)	Line(+)	Line(+)	COM &	COM &	Line(+)	Line(+)	J103-	J101-	J101-	
				Line(-)	Line(-)	Line(-)	Line(-)	TRK. IN	TRN IN	Line(-)	Line(-)	J102(com)	J102(com)	J102(com)	
BASELINE READING															
NOTES:	TRACK CIRCUIT ID:	TRACK POWER OUTPUT:	BIAS SETTING	TRACK FREQ.	CAB FREQ.	TRACK VOLTAGE Amplitude	CAB VOLTAGE Amplitude	TRACK BUFFER VOLTAGE	TRAIN BUFFER VOLTAGE	TRACK RECEIVE VOLTAGE Amplitude	CAB RECEIVE VOLTAGE Amplitude	AFTER FILTER SW1 UP Amplitude	GAIN V. SW1 DWN. Amplitude	SQ. WAVE V SW1 UP Amplitude	
	TRACK LENGTH	CAB POWER OUTPUT:													
	SK1-9T	A1B1C1G1		2318	4536	59.2	97	11.8	17.3	6.9	9.2	3.1	2.4	24.4	
		A2B2D2G2	224	2318	4530	58	98.7	11.9	17.4	10.2	10.6	3.02	2.4	24	
	SK1-15T	A1B1C1G1		2812	4539	47.4	62	10.2	12.7	7.7	9.1	3.3	2.4	24.7	
		A2C2F2G2	276	2820	4536	46.6	66	10.2	12.8	7.9	9.3	3.2	2.3	24.4	
	SK1-26T	A1B1F1G1		3355	4543	130	264	26.1	48.8	4.9	5.2	3.1	1.9	24.4	
		A2B2F2G2	216	3354	4545	130	266	26	49.1	5.1	6	2.6	2.1	24.5	
	SK1-44T	A1B1D1G1		1890	4542	127	210	40	52.7	6.8	5	3.1	1.7	25	
		A2B2F2G2	375	1892	4540	130	218	40.7	53.1	5.8	4.5	3.3	1.8	24.5	
	SK1-54T	A1C1D1G1		2321	4540	80.5	134	19.8	36.7	9.2	9.3	3.3	2.6	25.3	
		A2B2F2G2	142	2318	4543	81.5	133	20.2	36.8	9.1	10	3.1	2.4	24.2	
	SK1-74T	A1B1F1G1		2817	4536	131	250	34.8	49.4	7.2	8	3.5	2.6	25	
		A2B2F2G2	130	2810	4540	37.8	83.9	14.8	24.1	8	9.2	3.3	2.2	24.5	
	SK1-94TT.O.	A1B1E1G1		3357	4547	144	230	32.6	49.5						
		A2B2F2G2	106	3360	4545	150	227	32.4	49.3						

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BOARD TEST POINTS				Line(+)	Line(+)	Line(+)	Line(+)	COM &	COM &	Line(+)	Line(+)	J103-	J101-	J101-
BASELINE READING				Line(-)	Line(-)	Line(-)	Line(-)	TRK. IN	TRN IN	Line(-)	Line(-)	J102(com)	J102(com)	J102(com)
NOTES:	TRACK CIRCUIT ID:	TRACK POWER OUTPUT:	BIAS SETTING	TRACK FREQ.	CAB FREQ.	TRACK VOLTAGE Amplitude	CAB VOLTAGE Amplitude	TRACK BUFFER VOLTAGE	TRAIN BUFFER VOLTAGE	TRACK RECEIVE VOLTAGE Amplitude	CAB RECEIVE VOLTAGE Amplitude	AFTER FILTER SW1 UP Amplitude	GAIN V. SW1 DWN. Amplitude	SQ. WAVE V SW1 UP Amplitude
	TRACK LENGTH:	CAB POWER OUTPUT:												
	SK2-74TR.O.									6.5	6.9	3.1	2.2	24.9
										6.3	8.1	3.4	1.8	25
	SK2-54T	A1B1F1G1		3088	4536	171	220	37.9	42.2	8.3	9	3.2	2.1	24.7
		A2B2F2G2	167	3088	4536	168	218	38.6	44	9	9.1	2.6	2.1	24.6
	SK2-44T	A1B1E1G1		3632	4540	51.1	153	10.1	25.3	6.1	7.9	2.8	1.8	24.2
		A2C2D2G2	87	3673	4540	52.8	147	10.1	25.3	6	8.1	3	2.2	24.4
	SK2-29T	A1B1E1G1		2097	4528	102	158.4	23.4	38.8	7.8	7.3	3.4	2.1	24.8
		A2B2F2G2	94	2098	4535	102	170	23.4	39.9	7.1	7.9	3.7	1.8	24.8
	SK2-15T	A1B1F1G1		2573	4538	100	158	21.1	31.1	7.4	8.1	3.5	2.1	24.7
		A2B2F2G2	135	2576	4538	98	158	21.1	31.2	7.2	9.5	3.8	2.3	24.7
	SK2-9T	A1C1E1G1		3084	4537	81	138	16	24.2	10.5	9.6	3	2.8	25.1
		A2C2F2G2	103	3093	4540	81.2	141	16.1	24.7	10.6	10.9	4.6	2.6	24.6
	SK2-3T	A1C1D1G1		3626	4547	61.9	108	19.7	30.1	6	8.6	3.2	2	24.8
		A2B2F2G2		3646	4540	62.7	109	20	30.2	5.9	8.9	3.1	1.9	24.3

Relay House		line								
		Additional Notes:								Notes: shunt sheet
TRACK CIRCUIT NAME	TRAIN SHUNT		AFTER FILTER	GAIN	SHUNT RECEIVE	SHUNT TRANSMIT	MIDDLE	SPURIOUS		
SK1-9T	0.09	0	3.1	2.4	1	0.28	0.28	#REF!		
	0	0	3.02	2.4	21	8.4	6.4	#REF!		0
SK1-15T	0.1	0	3.3	2.4	0.7	0.3	0.6	#REF!		0
	0	0	3.2	2.3	11.2	5.5	11	#REF!		0
SK1-26T	1.8	0	3.1	1.9	0.3	0.27	0.13	#REF!		0
	0	0	2.6	2.1	10	4.5	2.2	#REF!		0
SK1-44T	0.18	0	3.1	1.7	0.9	0.59	0.25	#REF!		0
	0	0	3.3	1.8	12	9.4	3.7	#REF!		0
SK1-54T	0.11	0	3.3	2.6	0.6	0.27	0.14	#REF!		0
	0	0	3.1	2.4	13	8.4	8	#REF!		0
SK1-74T	0.05	0	3.5	2.6	0.4	0.3	0.09	#REF!		0
	0	0	3.3	2.2	7.4	7.8	2	#REF!		0
SK1-94TT.O	0	0	0	0	0	0	0	#REF!		0
	0	0	0	0	0	0	0	#REF!		0
SK2-74TR.O	0.18	0	3.1	2.2	0.6	24	0.12	#REF!		0
	0	0	3.4	1.8	12	6.9	5	#REF!		0
SK2-54T	0.02	0	3.2	2.1	0.5	0.23	0.08	#REF!		0
	0	0	2.6	2.1	7.7	3.5	0.4	#REF!		0
SK2-44T	0.02	0	2.8	1.8	0.33	0.14	0.08	#REF!		0
	0	0	3	2.2	8.8	3.7	1.9	#REF!		0
SK2-29T	0.09	0	3.4	2.1	0.8	0.33	0.09	#REF!		0
	0	0	3.7	1.8	11.3	4.8	4.1	#REF!		0
SK2-15T	0.05	0	3.5	2.1	0.8	0.36	0.19	#REF!		0
	0	0	3.8	2.3	12	5.6	3.2	#REF!		0
SK2-9T	0.06	0	3	2.8	0.3	0.29	0.27	#REF!		0
	0	0	4.6	2.6	12	4.4	4.6	#REF!		0
SK2-3T	0.12	0	3.2	2	0.7	0.4	0.43	#REF!		0
	0	0	3.1	1.9	13	6.2	4.4	#REF!		0
0	0	0	0	0	0	0	0	#REF!		0
	0	0	0	0	0	0	0	#REF!		0
0	0	0	0	0	0	0	0	#REF!		0
	0	0	0	0	0	0	0	#REF!		0
0	0	0	0	0	0	0	0	#REF!		0
	0	0	0	0	0	0	0	#REF!		0
0	0	0	0	0	0	0	0	#REF!		0
	0	0	0	0	0	0	0	#REF!		0
0	0	0	0	0	0	0	0	#REF!		0
	0	0	0	0	0	0	0	#REF!		0
0	0	0	0	0	0	0	0	#REF!		0
	0	0	0	0	0	0	0	#REF!		0