

APPROVED FOR PUBLIC RELEASE. CASE 06-1104.

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TUBE CHARACTERISTICS

40400

DRAWING NUMBER	TITLE	USED IN	ORIGINATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
A-40400	2C51/396A TECHNICAL INFORMATION									
A-40401	2C51 LOAD CHARACTERISTIC CURVES									
A-40402	2C51/396A PLATE CURRENT VS PLATE VOLTAGE									
A-40403	2C52 PLATE CHARACTERISTICS									
A-40404	6AG7 AVERAGE PLATE CHARACTERISTICS									
A-40405	6AG5 AVERAGE PLATE CHARACTERISTICS TRIODE CONNECTION									
A-40406	6AG5 AVERAGE PLATE CHARACTERISTICS - PENTODE CONNECTION									
A-40407	6AG7 AVERAGE PLATE CHARACTERISTICS WITH $E_c$ AS VARIABLE									
A-40408	6AK5 AVERAGE CHARACTERISTICS PENTODE CONNECTION									
A-40409	6AK5 AVERAGE PLATE CHARACTERISTICS - PENTODE CONNECTION									
A-40410	6AL5 AVERAGE CHARACTERISTICS HALF-WAVE RECTIFICATION - SINGLE DIODE									
A-40411	6AN5 TECHNICAL INFORMATION									2 SHEETS
A-40412	6AN5 AVERAGE CHARACTERISTICS									
A-40413	6AS6 TECHNICAL INFORMATION									
A-40414	6AS6 NORMAL PENTODE CHARACTERISTICS									
A-40415	6AS6 SUPPRESSOR GRID CHARACTERISTICS									
A-40416	6AS6 TRANSCONDUCTANCE GRID TO PLATE CURVES									
A-40417	6AS7-G AVERAGE PLATE CHARACTERISTICS - EACH TRIODE UNIT									
A-40418	6C4 AVERAGE PLATE CHARACTERISTICS									
A-40419	6F6 PLATE CHARACTERISTICS									
A-40420	6F6 CURVES OF CUT-OFF VOLTAGE									

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DRAWING NUMBER	TITLE	USED IN	ORIGINATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
A-40121	6G6 PLATE CHARACTERISTICS									
A-40122	6G6 CURVES OF CUT-OFF VOLTAGE									
A-40123	6J4 AVERAGE CHARACTERISTICS									
A-40124	6J4 AVERAGE PLATE CHAR. CHARACTERISTICS									
A-40125	6J6 AVERAGE PLATE CHARACTERISTICS FOR EACH UNIT									
A-40126	6J6 PLATE CHARACTERISTICS - EACH TRIODE UNIT									
A-40127	6L6 SCREEN CURRENT VS. PLATE VOLTAGE									
A-40128	6L6 PLATE CHARACTERISTICS - TRIODE CONNECTIONS									
A-40129	6L6 AVERAGE PLATE CHAR. CHARACTERISTICS WITH $E_c$ AS VARIABLE									
A-40130	6L6 AVERAGE PLATE CHARACTERISTICS WITH $E_{c1}$ AS VARIABLE									
A-40131	6L6 CURVES OF CUT-OFF VOLTAGE									
A-40132	6N7 AVERAGE PLATE CHARACTERISTICS EACH TRIODE UNIT									
A-40133	6SU7 AVERAGE PLATE CHARACTERISTICS, PENTODE CONNECTION									
A-40134	6SK7 AVERAGE PLATE CHARACTERISTICS									
A-40135	6SL7-GT AVERAGE PLATE CHARACTERISTICS, EACH TRIODE UNIT									
A-40136	6SN7-GT AVERAGE PLATE CHARACTERISTICS, EACH TRIODE UNIT									
A-40137	6Y6 PLATE CHARACTERISTICS									
A-40138	6Y6 AVERAGE PLATE CHARACTERISTICS TRIODE CONNECTION									
A-40139	6Y6 AVERAGE PLATE CHARACTERISTICS, PENTODE CONNECTION									
A-40140	6Y6 CURVES OF CUT-OFF VOLTAGE									
A-40141	6Y6 PLATE CHARACTERISTICS									

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40442  
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DRAWING NUMBER	TITLE	USED IN	ORIGINATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
A-40442	646 CURVES OF CUT-OFF VOLTAGE									
A-40443	646-G AVERAGE PLATE CHARACTERISTICS									
A-40444	646-G AVERAGE PLATE CHARACTERISTICS-TRIODE CONNECTION									
A-40445	7F7 TECHNICAL DATA									
A-40446	7F7 RESISTANCE-COUPLED AMPLIFIER DATA									
A-40447	7F8 AVERAGE PLATE CHARACTERISTICS									
A-40448	7F8 AVERAGE TRANSFER CHARACTERISTICS SINGLE									
A-40449	807 AVERAGE PLATE CHARACTERISTICS WITH $E_c$ AS VARIABLE									
A-40450	350A, 350B, 367A CONTROL GRID VOLTAGE VS PLATE CURRENT									
A-40451	350A, 350B, 367A PLATE VOLTAGE VS. PLATE CURRENT									
A-40452	5C96B TECHNICAL DATA									- OBSOLETE - SUPERSEDED BY A-40464
A-40453	5687 TECHNICAL DATA									
A-40454	5687 PLATE CHARACTERISTICS									
A-40455	5687 PLATE CURRENT VS. GRID VOLTAGE - PLATE CURRENT VS. TRANSCONDUCTANCE									
A-40456	5687 PLATE OR SCREEN CURRENT VS. PLATE VOLTAGE									
A-40457	1N34 60-CYCLE RECTIFICATION CHARACTERISTICS									
A-40458	2050 AVERAGE CONTROL CHARACTERISTICS									
A-40459	2D21 AVERAGE CONTROL CHARACTERISTICS									
A-40460	7AD7 TRANSCONDUCTANCE VS CONTROL GRID VOLTAGE									
A-40461	7AD7 AVERAGE PLATE CHARACTERISTICS									
A-40462	7AD7 AVERAGE PLATE CHARACTERISTICS									

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40463

DRAWING NUMBER	TITLE	USED IN	ORIGINATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
A-40463	6K4 AVERAGE PLATE CHAR- ACTERISTICS									
A-40464	6K4 AVERAGE TRANSFER CHARACTERISTICS									
A-40465	7A5 AVERAGE PLATE CHARACTERISTICS									
A-40466	6AG7 PENTODE CONNECTION CHARACTERISTICS									
A-40467	3E29 PLATE CHARACTERISTICS									
A-40468	RK-4032, RK-4022 AVERAGE PLATE CHARACTERISTICS									
A-40469	TYPE CK502/CK605CX SUB- MINIATURE TRIODE CHAR.									
A-40470	TYPE CK503/CK605CX RAYTRON SUBMINIATURE TRIODE CHAR.									
A-40471	7AK7 PLATE CHARACTERISTICS									
A-40472	7AK7 PLATE CHARACTERISTICS									
A-40473	7AK7 PLATE CHARACTERISTICS	C. ROWLANDS THESIS								
A-40474	7AK7 TRANSFER CHARACTER- ISTICS									MH
A-40475	7AK7 AVERAGE CHARACTERISTICS									
A-40476	6BG6G CHARACTERISTICS									
A-40477	6AG7 AVERAGE PLATE CHARACTERISTICS									
A-40478	6CS AVERAGE PLATE CHAR- ACTERISTICS									
A-40479	7N7-14N7 AVERAGE PLATE CHARACTERISTICS									
A-40480	7N7-14N7 AVERAGE TRANSFER CHARACTERISTICS									
A-40481	12AT7 AVERAGE PLATE CHAR- ACTERISTICS									
A-40482	12AU7 AVERAGE CHARACTER- ISTICS									
A-40483	12AU7 AVERAGE PLATE CHARACTERISTICS									

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40484

DRAWING NUMBER	TITLE	USED IN	ORIGI-NATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS	REMARKS
						1	2	3		
A-40484	12AX7 AVERAGE PLATE CHARACTERISTICS									
A-40485	50B5 AVERAGE PLATE CHARACTERISTICS									
A-40486	6AN5 SCREEN OR PLATE CURRENT VS PLATE VOLTAGE									
A-40487	AVERAGE TRANSFER CHARACTERISTICS FOR 4 5687 TUBES									
A-40488	3E29 AVERAGE PLATE CHARACTERISTICS									
A-40489	3E29 AVERAGE PLATE CHARACTERISTICS									
A-40490	5687 PLATE CHARACTERISTICS									
A-40491	5687 EXPANDED PLATE CHARACTERISTICS				ELLIS 3/22/49					
A-40492	5687 DIODE CHARACTERISTICS				"					
A-40493	7AK7 - PLATE + SCREEN CURRENT VS SCREEN VOLTAGE				ELLIS 3-31-49					
A-40494	7AK7 PLATE + SCREEN CURRENT VS. SCREEN VOLTAGE				ELLIS					
A-40495	7AK7 PLATE + SCREEN CURRENT VS SCREEN VOLTAGE				"					
A-40496	7AK7 PLATE + SCREEN CURRENT VS. SCREEN VOLTAGE				"					
A-40497	7AK7 PLATE + SCREEN CURRENT VS. SCREEN VOLTAGE				"					
A-40498	7AK7 PLATE + SCREEN CURRENT VS. SCREEN VOLTAGE				"					
A-40499	7AK7 PLATE + SCREEN CURRENT VS. SCREEN VOLTAGE				"					
A-40500	7AK7 PLATE + SCREEN CURRENT VS SCREEN VOLTAGE				"					
A-40501	7AK7 PLATE CURRENT VS PLATE VOLTAGE				OLIVIERI 6-10-49					
SA-40502	7AK7 SCREEN CURRENT VS PLATE VOLTAGE				OLIVIERI 6-17-49					
SA-40503	7AK7 SCREEN CURRENT VS PLATE VOLTAGE				OLIVIERI 6-17-49					
SA-40504	7AK7 PLATE CURRENT VS PLATE VOLTAGE				"					

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40505

DRAWING NUMBER	TITLE	USED IN	ORIGI-NATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
A-40505 ✓	PLATE CURRENT VS PLATE VOLTAGE 7AK7									
A-40506 ✓	7AK7 SCREEN CURRENT VS PLATE VOLTAGE									
A-40507 ✓	7AK7 SCREEN CURRENT VS PLATE VOLTAGE									
A-40508 ✓	3E29 PLATE CHARACTERISTICS - TRIODE CONNECTED		OLIVERI							
A-40509 ✓	350-B CHARACTERISTICS AS A TRIODE - AVER. OF 2 TUBES		"							
A-40510 ✓	7AD7-TRIODE CHARACTERISTICS - PLATE, SUPPRESSOR & SCREEN TIED TOGETHER REF. VOL 19 P124 JQR-3-47		"							
A-40511 ✓	7AK7 AS TRIODE PLATE, SCREEN & SUPPRESSION TIED TOGETHER		OLIVERI							
A-40512 ✓	6AN6 TRANSFER CHARACTERISTICS		"	GRIFIN						
A-40513 ✓	715B TUBE CHARACTERISTICS		"	"						
A-40514 ✓	6AN6 PLATE CHARACTERISTICS		"	"						
A-40515 ✓	5D21 TUBE CHARACTERISTICS		"	"						
SA-40516 ✓	7AD7 CHARACTERISTICS - NORMAL & ABNORMAL			OLIVERI						
A-40517 ✓	3021 CHARACTERISTICS $E_{c2} = 150V$ $E_f = 6.3V$ REF VOL 19 PAGE 30		OLIVERI	OLIVERI						
SA-40518 ✓	$I_p$ VS $E_f$ 6Y6 VII 134-2			KGRINNELL						
SA-40519 ✓	STATIC CHARACTERISTICS OF A D359 CRYSTAL		R. Sisson	R. Sisson						
A-40520 ✓	TRANSFER CHARACTERISTICS AD-3453 SR-1407 TEST C-9420 (BEAM SUPPRESSED)		K. GRINNELL	K. GRINNELL						
A-40521 ✓	2D21, OPERATIONAL RANGE OF CRITICAL GRID VOLTAGE		J. HANSON	J. HANSON						
A-40522 ✓	TRANSFER CHARACTERISTICS AD-3444 SR-1407 TEST C-9188		K. GRINNELL	K. GRINNELL						
A-40523 ✓	6AN5 PENTODE CHARACTERISTICS		K. GRINNELL	K. GRINNELL						
A-40524 ✓	6AN5 PENTODE CHARACTERISTICS		K. GRINNELL	K. GRINNELL						
A-40525 ✓	3E29 PLATE CHARACTERISTICS VOLTAGE VS. CURRENT WITH 6 PULSED GRID VOLTAGE SETTINGS		A. YOUNG	A. YOUNG						

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40526

DRAWING NUMBER	TITLE	USED IN	ORIGI-NATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
A 40526	3E29 PLATE CHARACTERISTICS									
A 40527	7AK7 SPECIFICATIONS		H. FROST	SYLVANIA DRAWING 8-8-50						2 SHEETS
A 40528	PLATE CHARACTERISTICS 6BL7GT		A. YOUNG	A. YOUNG 9-11-50						
A 40529	6SN7, 6J5 PLATE CHARACTERISTICS		J. HANSON	SHEAHAN 12-2-50						
A 40530	AVERAGE PLATE CHARACTERISTICS 12AY7		B. PAINE	C. DENOLLENE 2-14-52						
A 40531	6CD6-G AVERAGE PLATE CHARACTERISTIC GRID #1 VOLTS = 0		A. FALCIANE	R. BARBAROW 5-29-52						
A 40532	6CD6-G AVERAGE PLATE CHARACTERISTIC GRID #2 VOLTS = 150		A. FALCIANE	R. BARBAROW 5-29-52						
A 40533	12AY7 TUBE CHARACTERISTICS		R. BEST	BRUNSWICK 6-10-52						
SA 40534	7AK7 TRIODE CONNECTED PULSE CHARACTERISTICS		S. TWICKEN	S. TWICKEN 7-14-52						
SA 40535	6CD6 TRIODE CHARACTERISTICS		H. B. FROST	K. NYBERG 7-31-52						
SA 40536	715C TRIODE CHARACTERISTICS		H. B. FROST	K. NYBERG 7-31-52						
SA 40537	4D32 TRIODE CHARACTERISTICS EF = 26.0V.		H. B. FROST	K. NYBERG 7-31-52						
A 40538	62H MEDIUM-MU TWIN TRIODE		H. B. FROST	BARBAROW 10-22-52						4 SHEETS MN
A 40539	DESCRIPTION AND RATING FOR PILOTRON GL-5965		H. B. FROST	BARBAROW 10-22-52						4 SHEETS MN
A 40540	AVERAGE PLATE CHARACTERISTICS GL-5965 EACH SECTION		S. THOMPSON	F. BRUNSWICK 12-12-52						MN
A 40541	AVERAGE GRID CHARACTERISTICS GL-5965 EACH SECTION		S. THOMPSON	F. BRUNSWICK 12-12-52						MN
A 40542	TWIN TRIODE 6BX7-GT		H. B. FROST	C. PASCOE 12-20-52						
SA 40543	6BL7 GT PLATE CHARACTERISTICS SYLVIA LOT 12F		S. TWICKEN	S. TWICKEN 1-23-53						
SA 40544	7AK7 PLATE CHARACTERISTIC		S. TWICKEN	R. BARKETT 3-30-53						
SA 40545	7AK7 - SUPPRESSOR CHARACTERISTIC		S. TWICKEN	S. TWICKEN 3-30-53						
A 40546	6AH4-GT DESCRIPTION AND RATING TRIODE		H. B. FROST	H. STRATIS 4-21-53						MN

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40547

DRAWING NUMBER	TITLE	USED IN	ORIGI-NATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
SA 40547	7AK7 PULSE CHARACTERISTICS #6257 E <sub>g3</sub> = 0V		S. TWICKEN	S. TWICKEN						
SA 40548	7AK7 PULSE CHARACTERISTICS #6257 E <sub>g3</sub> = +5V		S. TWICKEN	S. TWICKEN						
SA 40549	7AK7 PULSE CHARACTERISTICS #6257 E <sub>g3</sub> = +10V		S. TWICKEN	S. TWICKEN						
A 40550	AVERAGE CHARACTERISTICS E <sub>g</sub> = 6.3 VOLTS E <sub>b</sub> = 250 VOLTS		R. BEST	R. BARBARON						MN
A 40551	AVERAGE CHARACTERISTICS E <sub>g</sub> = 6.3 VOLTS E <sub>b</sub> = 150 VOLTS		R. BEST	R. BARBARON						MN
SA 40552	7AK7 E <sub>g1</sub> DISTRIBUTION		S. TWICKEN	S. TWICKEN						
SA 40553	7AK7 E <sub>g3</sub> DISTRIBUTION		S. TWICKEN	S. TWICKEN						
SA 40554	7AK7 I <sub>g3</sub> DISTRIBUTION		S. TWICKEN	S. TWICKEN						
SA 40555	7AK7 TETRODE-CONNECTED CUTOFF		S. TWICKEN	S. TWICKEN						
A 40556	6593 BLENDED POWER AMPLIFIER		H. B. FRIST	C. PASCUE						4 SHEETS MN
A 40557	6L-5927 DESCRIPTION AND RATING		H. B. FRIST	C. PASCUE						6 SHEETS MN
A 40558	6L-6136 DESCRIPTION AND RATING		H. B. FRIST	C. PASCUE						4 SHEETS MN
A 40559	4Y150H RADIAL BEAM POWER TETRODE		H. B. FRIST	C. PASCUE						8 SHEETS MN
SA 40560	ONE 7AK7 TETRODE CONNECTED		H. PLATT	H. PLATT						MN
A 40561	6AR7-5T SCREEN GRID PUSH TRAY TETRODE		H. B. FRIST	H. MATHS						4 SHEETS
A 40562	5918 (5297) MEDIUM MU TRIODE		H. B. FRIST	H. MATHS						4 SHEETS MN
A 40563	5639 VIDEO PENTODE		H. B. FRIST	H. MATHS						4 SHEETS MN
A 40564	5987 LOW MU TRIODE		H. B. FRIST	H. MATHS						4 SHEETS MN
SA 40565	5925 KT-1		S. TWICKEN	S. TWICKEN						SPREADSHEET A 40452 MN
A 40566	6161 UHF POWER TRIODE		H. FRIST	B. PETRETTI						SHEET 1 OF 6
A 40567	TUNG-SOL ELECTRIC INC. TENTATIVE DATA TYPE 4988 DIODE TRIODE		H. FRIST	M. CKEN						2 SHEETS

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40568

DRAWING NUMBER	TITLE	USED IN	ORIGI-NATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
SA 40568	7AK7 TRIODE-CONNECTED SUPPRESSOR GRID CURRENT		STWICKEN	STWICKEN						MN
SA 40569	7AK7 TRIODE-CONNECTED PLATE CURRENT		STWICKEN	STWICKEN						MN
SA 40570	7AK7 TRIODE-CONNECTED SCREEN GRID CURRENT		STWICKEN	STWICKEN						MN
SA 40571	7AK7 TRIODE-CONNECTED TOTAL ANODE CURRENT		STWICKEN	STWICKEN						MN
A 40572	PENTODE - GL 5749 4 SHEETS		H.B.FROST	A STRATIS						MN
A 40573	TWIN TRIODE GL-6072 4 SHEETS		H ZIEMAN	B.PETRELIS						MN
SA 40574	PLATE CHARACTERISTIC E <sub>c</sub> = 150V 6293		S.TWICKEN	S.TWICKEN						MN
SA 40575	5998 DIODE CONNECTED CHARACTERISTIC CURVE		S.TWICKEN	S.TWICKEN						MN
SA 40576	Z3177 PLATE CHARACTERISTICS PLATE GRID REGION		S.TWICKEN	S.TWICKEN						MN
SA 40577	Z3177 PLATE CHARACTERISTICS BOGIE CHARACTERISTICS AS OF SPEC. 6154		S.TWICKEN	S.TWICKEN						MN
SA 40578	TYPE 6072 - PLATE CHARACTERISTICS NUMBER GB 154		S.TWICKEN	S.TWICKEN						MN
SA-40579	FORWARD CHARACTERISTICS OF VARIOUS DIODES PART #1		E.KOHLER	GEIFFIN						2 SHEETS
40580										
40581										
40582										
40583										
40584										
40585										
40586										
40587										
40588										

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