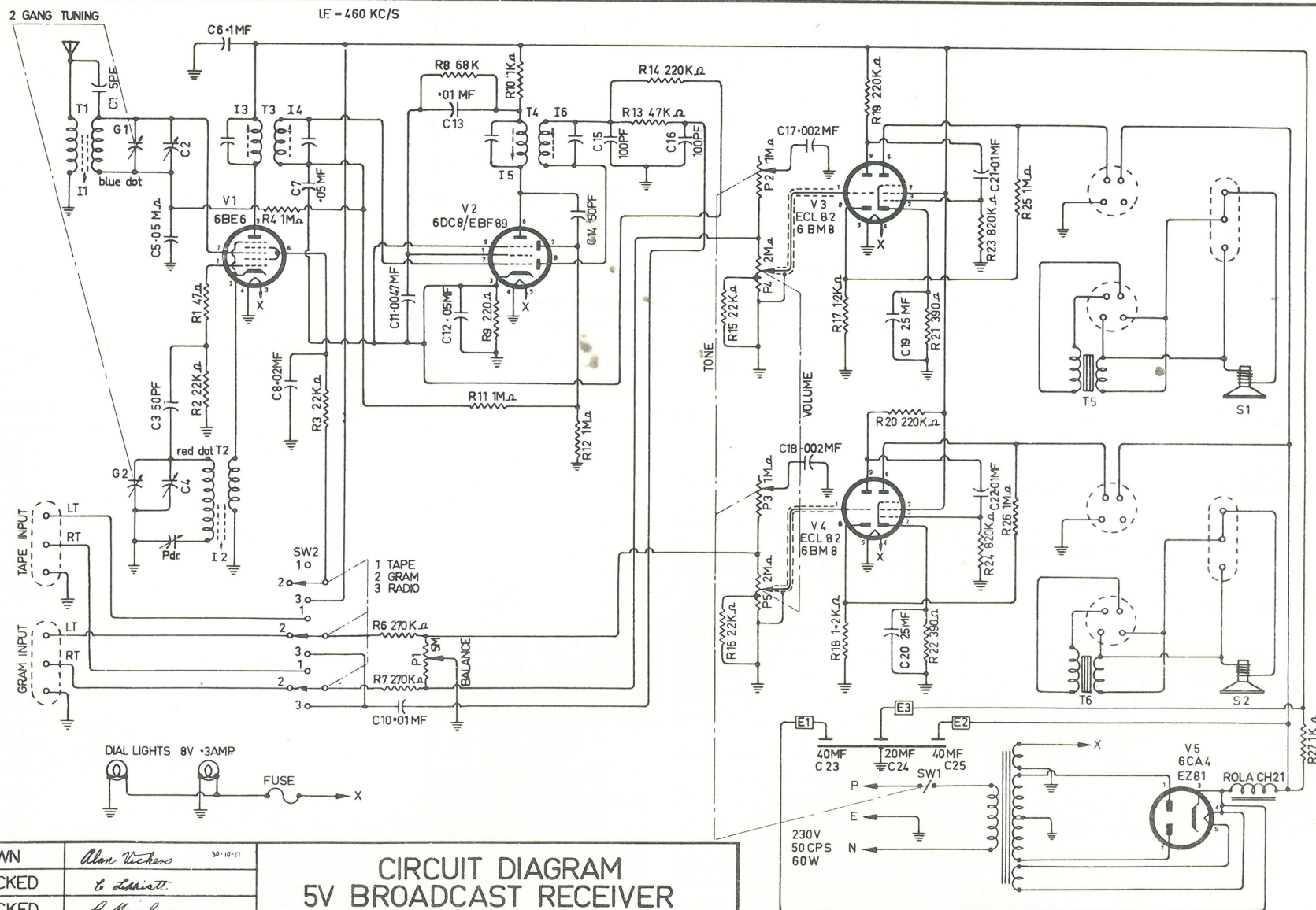




DRAWN	Alton Tuckers	30-10-1
CHECKED	E. L. L. L.	
CHECKED	R. Nielsen	
APPROVED	R. J. Long	

CIRCUIT DIAGRAM
5V BROADCAST RECEIVER
MODEL REO

RESISTORS							CONDENSERS				MISCELLANEOUS			
R1	47 Ω	1/2 WATT	$\pm 10\%$	INSULATED	CARBON		C1	5PF	$\pm 1PF$	CTR N750 Ducon A	T1	AERIAL COIL	REC11	U.E.
R2	22K Ω	"	"	"	"		C2	P4-70		Cyldon Compression Trimmer	T2	OSCILLATOR COIL	RBN7/A	U.E.
R3	22K Ω	2 WATT	"	"	"		C3	50PF	$\pm 20\%$	CTR N1500 Ducon A	T3	} PHILIPS 460KC IF AP1014		
R4	1M Ω	1/2 WATT	"	"	"		C4	P4-70		Cyldon Compression Trimmer	T4			
R5	N.A.						C5	.05MF	50VW	TDK Discap Ceramic	T5	} ROLA CBG81 FOR MODEL "COLCHESTER"		
R6	270K Ω	"	$\pm 5\%$	"	"		C6	.1MF	400VW $\pm 10\%$	Polyester Philips C296AC/A100K	T6			
R7	270K Ω	"	"	"	"		C7	.05MF	50VW	TDK Discap Ceramic				
R8	68K Ω	1 WATT	$\pm 10\%$	"	"		C8	.02MF		CDS K6000 Simplex E Curve Z	S1	} ROLA 8MX 2 Ω VC FOR MODEL "COLCHESTER"		
R9	220 Ω	1/2 WATT	"	"	"		C9	N.A.			S2			
R10	1K Ω	"	"	"	"		C10	.01MF	$\pm 20\%$	CTR K2000 Ducon C Curve Y				
R11	1M Ω	"	"	"	"		C11	.0047MF	$\pm 20\%$	CTR K2000 Ducon B Curve Y	P1	5M Ω	DUCON P.S.U. A	
R12	1M Ω	"	"	"	"		C12	.05MF	50VW	TDK Discap Ceramic	P2	1M Ω	} DUCON P.G.S. C. T100K	
R13	47K Ω	"	"	"	"		C13	.01MF	$\pm 20\%$	CTR K2000 Ducon C Curve Y	P3	1M Ω		MATCHED S.P.S.T. SWITCH
R14	220K Ω	"	"	"	"		C14	50PF	$\pm 2\frac{1}{2}\%$	CTR N750 Ducon A				
R15	22K Ω	"	$\pm 5\%$	"	"		C15	100PF	"	" " " " B	P4	2M Ω	} DUCON P.G.U. C. T80K MATCHED	
R16	22K Ω	"	"	"	"		C16	100PF	"	" " " " "	P5	2M Ω		
R17	1.2K Ω	"	$\pm 10\%$	"	"		C17	.002MF	$\pm 20\%$	CTR K2000 Ducon B Curve Y				
R18	1.2K Ω	"	"	"	"		C18	.002MF	"	" " " " "	I1	IRON CORE	NEOSID F14	
R19	220K Ω	1 WATT	"	"	"		C19	25MF	25VW	Ducon E T1 B	I2	"	"	500
R20	220K Ω	"	"	"	"		C20	25MF	"	" " " " "				
R21	390 Ω	"	"	"	"		C21	.01MF	$\pm 20\%$	CTR K2000 Ducon C Curve Y		GRAM	RADIO NO SIGNAL	RADIO STRONG SIGNAL
R22	390 Ω	"	"	"	"		C22	.01MF	"	" " " " "	E1	255V	250V	255V
R23	820K Ω	1/2 WATT	"	"	"		C23	40MF	} 350VW	Ducon ECT140	E2	234V	230V	234V
R24	820K Ω	"	"	"	"		C24	20MF			E3	210V	205V	210V
R25	1M Ω	"	"	"	"		C25	40MF						
R26	1M Ω	"	"	"	"		G1	} Tuning Condenser Polar 2 Sect. Ganged E20 SLF						
R27	1K Ω	2 WATT	"	IRC	BW-2		G2							
							Pdr.	600PF Nominal		Cyldon Padder TP11 750				
							VALVES							
							V1	6BE6						
							V2	6DC8 or EBF89						
							V3	ECL82 or 6BM8						
							V4	ECL82 or 6BM8						
							V5	EZ81 or 6CA4						
											MODEL REO			