Specification AD/CV116/Issue 5 Dated 14.11.46.	SECURITY		
To be read in conjunction with K1001.	Speon.	Valve	
ignoring clauses: - 5.2.1.2; 5.3.	Restricted	Unclassified	

TYPE OF VALVE: - Velocity modulated oscillator.

CATHODE:- Indirectly he ENVELOPE:- Copper/glass KR6/1.	See K1001/4. Additional Marking Serial No				
RATING	Note	BASE IO			
Heater Voltage (V)	4.0		See	K1001/AIV/D1.	
Heater Current (A)	1.3		Pin	Paris Paris Maria de Caracteria de Caracteri	
Tuning Range (Mc/s)	3365-3554		1	Grid	
Power Output (min.) (mW)	100		2	Heater	
Max. Resonator Dissipa-			3	No connection	
tion (W)	8		4	No connection	
Resonator Voltage (V)	250		5	No connection	
Reflector Voltage Range (V)	-100 to	С	6	No connection	
	-175		7	Heater	
Grid Voltage (V)	0 to 175		8	Cathode	
Min. A.F.C. Range (Mc/s)	20	A	TC	Reflector	
Mean Reflector Voltage			_	TOP CAP	
change for above	1 1		See	K1001/AI/D5.2.	
frequency change (V)	35	В	_	DIMENSIONS	
Max. Permissible Series			See	Page 3.	
Resistance in Reflector	05 000			PACKING	
Circuit (ohms)	25,000			- indigen printers printers of the contracts	
Max. Resonator Temp. during operation (°C)	140		See	K1001/7.	

NOTES

- A. By variation of reflector voltage. From ½ power to ½ power at any mean frequency in the range.
- B. Superimposed on optimum setting, but not necessarily disposed symmetrically about this setting.
- C. This range applies to the 50% loaded condition. With the valve unloaded the reflector volts are about 10 volts higher, and with the valve fully loaded about 5 volts lower.
- D. The tuners should not be screwed out more than $5\frac{1}{2}$ turns from the fully screwed-in position, otherwise the retaining clips may become detached and these are difficult to replace. Other means of fixing the tuners, e.g.- by piano wire instead of the retaining clips, may be used, subject to approval on samples.

 E. Mounting position: Any.

to those applicable in K1001

		rformed in	BOOK STOWNS CONTROL TO THE WARRANT OF THE STOWN AND THE STOWN AS A	o tho	S0	sprics	ible 1	n Kiuui	
	Tes	t Condition	To the state of th			Limits			
	Vh	Vr	Va	Test		Min.	No. Chan Martin Company of Ma	No. Tested	
	(V)	(A)	(V)			!	1		
a.	4.0			In	TO COMPANY OF THE CO.	(A)	1.0	1.6	100%
Ъ	C-G vol	tage 250 V	min.	C-G					-
				A CHARLES TO STATE OF THE STATE	SALLES CONTRACTOR	(NU)	1.0	nas Contracto attentiva con designaria	100%
C	4.0	Adjusted		l.					
	Vg adjusted					(mW)	100	ero	
	to zero if		han 8W is	lii. Vr			-100	-175	100%
	obtainable.			III.	٧g	(V)	0	Value	
	to 3365 Mc/			di .				of Vr	
	set" tuners		oaded re-					found	
		or max. out						in test	
	adjusted fo			-	TARRES TARRES	STATES CONTRACTOR AND	A THE CONTRACTOR OF THE	'c, ii'.	COLUMN TO A STATE OF THE STATE
đ	4.0	Adjusted	250	i.			400		
	Test 'c' re	peated at 3	554 Mc/s.	outp ii.		(MA)	100 -100	-175	4000
	Note:- It	is to be un	derstood			NEW THEORY SALES AND A STREET PROPERTY.	0	Value	100%
		at oscillat		111.	۸B.	(V)		of Vr	
	ma.	intained ov	er the					found	
	wh	ole tuning	range.					in test	
		_						'c, ii'.	
е	4.0	n miljand (kang) angkantikan samilikan pandan Shak	250	li.	ጥለተ	:a'l	Academy Marie Confession	The second second	an ann an Thail ann an Aire ann an Air
	With condit	ion as for	test 'd'.	freq					
		reduce the resistive loading				(Mc/s)	20	40	100%
		tating the							THE PERSONNEL CONTROL TO LOCALIST
	loop) so tha	t 50% of th	e power	ii. Total reflector					
	given with								
				voltage change (V)			25	50	100%
	less than,			CHAL	80	/.a \	رے)0	100/6
	the optimum					•			
	at the extr								
	than 50%.		ange in					de la companya de la	
	frequency a	na vr.			M10-029				
f	4.0		250	i.					
	Denest tost	101 0+ 376	5 Mc/a	freq			نما		5%
	Repeat test 'e' at 3365 Mc/s. beginning with conditions as		Grand Color Street Street	No. of Concession, Name of Street, or other Persons, Name of Street, or ot	(Mc/s)	20	40	(10)	
	peginning w	ith conditi	ons as	ii.					
	for test 'c	. *		refl					ea
				volt		(v)	25	50	5%
									(10)
			NOT		~ -		99_5 i		
	Va = Resonator Volts. Vr = Reflector Volts.								

