TABLE 6.6 PA FILTER TAP POSITIONS

FREQ. RANGE MHz	COIL	TAP NO.	NOTES
2 - 2.3	-	NO TAP	MANDATORY (Note: At frequencies below 3 MHz, PA load for max powers is less than 50 Ω)
2.3 - 2.5		1	
2.5 - 2.6		3	
2.6 - 2.7		4	
2.7 - 2.9		6	
2.9 - 3.3		8	
3.3 - 3.7		10	
3.7 - 4.0		12	
4.0 - 4.2		13	RECOMMENDED Permissible to vary tap by ±1 tap to optimise for maximum output power.
4.2 - 4.5		14	
4.5 - 4.7		15	
4.7 - 5.0		16	
5.0 - 5.3		17	
5.3 - 5.7		18	
5.7 - 6.1		19	
6.1 - 6.5		20	
6.5 - 6.9		21	
6.9 - 7.4		22	
7.4 - 7.8		23	
7.8 - 8.1		24	
8.1 - 8.4		1	GUIDE ONLY Select tap for maximum output power.
8.4 - 8.6		2	
8.6 - 8.8		3	
8.8 - 9.0		4	
9.0 - 9.2		5	
9.2 - 9.9		6-8	
9.9 - 10.4		8-10	
10.4 - 11.0		10-12	
11.0 - 11.6		12-14	
11.6 - 13.0		14-18	

6.16 ADJUSTMENTS - RECEIVER

All adjustments required for the receiver have been carried out during adjustments of the transmitter. It is merely necessary to conduct functional tests on the receiver. Proceed as follows.

Switch to receive and connect the RF signal generator to the antenna socket (see caution in para 6.14. Set the generator level to produce 2μV EMF and adjust the generator frequency to give an audible signal (nominally 1 kHz) in the loudspeaker.

Use the CRO to check that the signal at TP16 on the IF & Audio PCB is not less than 100mV PP (audio with superimposed RF). Repeat this test on all additional channels.