



## Radio Systems Technical Bulletin

Bulletin #: Not Assigned

Model: TR-20

Subject: PA Coil and Capacitor Values

Date: 12/03/03

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### Procedure:

In an attempt to assist engineers in their efforts to troubleshoot existing TR-20 transmitters in the field, the following table lists the appropriate coil and capacitor values used in the power amplifier for each band (High, Mid, Low). Component placement is located in the TR-20 Manual.

The Bands are classified as follows:

High: 1210 KHZ - 1700 KHZ  
Mid: 800 KHZ - 1200 KHZ  
Low: 530 KHZ - 790 KHZ

Table 1:

	LOW Value	RS Part No.	MID Value	RS Part No.	HIGH Value	RS Part No.
C106	3600PF	2883	3600PF	2883	2000PF	2890
C107	1000PF	2882	390PF	2908	220PF	2891
C108	5600PF	2884	4700PF	10783	3300PF	2885
C109	3300PF	2885	2200PF	2886	750PF	2892
C110	2200PF	2886	1800PF	10784	1500PF	2791
L101	36turns	2876	31turns	10775	23turns	2880
L102	24turns	2877	23turns	2880	19turns	2881

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# AMPLIFIER SCHEMATIC

