DATE APRIL 19, 1965 SHEET 1 OF		TMC SPECIFICATION NO. S 947 Ø
NB COMPILED	VaB CHECKED	TITLE:
APPROVED		typed by vab

TEST PROCEDURE FOR TRACKING VLRB RF TRANSFORMERS & COILS.

(TT-203 THRU TT 214 & AC 208 & 209)

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DATE APRIL 19, 1965	TMC SPECIFICATION NO. S 947 Ø
SHEET 2 OF	
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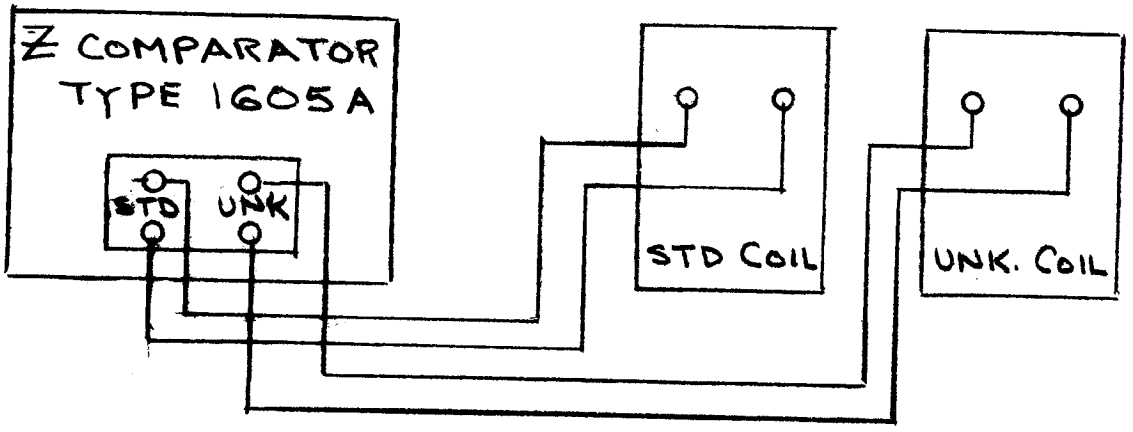
A. EQUIPMENT REQUIRED:

1. Impedance comparator, general radio type 1605 H or equivalent.
2. TMC test jig #
3. Test leads.

B. TEST SET UP:



Coil terminals used are the primaries. Above coils mounted in test jig.

C. TESTING INSTRUCTIONS:

1. Mount standard and unknown coils in test jig. Insure they are both flush against stop plate. Set push plate to extreme out position.
2. Screw out slugs for both coils until screw ends are even with fac of push plate.
3. Using 10% scale on Z comparator screw in unknown coil slug until a definite movement is observed on Z comparator meter. Turn slug 1/2 turn beyond this point.
4. Screw in standard coil slug until a zero reading is observed on Z comparator meter.
5. Slowly move push plate to extreme in position, observing Z comparator meter. Note % of difference.
6. Alternately adjust slugs of coils to achieve a less than 3% variance for the full travel of th push plate.

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NOTE: Care must be exercised so as not to insert slugs too far in when tuning. A depth gage is included with the test jig to be inserted in bottom end of standard coil when tracking is completed. Gage must not touch slug when inserted, with push plate in extreme out position.

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4/19/65		1 of 3		O=ORIGINAL RELEASE FOR PRODUCTION.	