



OPERATING CONDITIONS UNDER WHICH PATTERNS WERE OBTAINED:

1. LINE SOURCE: 110V AT 60CPS.
2. KEYING SPEED: 25 DOT CPS.
3. FREQ. SHIFT: 850CPS CENTERED ON DISCRIMINATOR (0.6KC.)
4. R45 SET FOR ZERO DISTORTION.
5. S6 IN LINE POSITION.
6. R32, SET FOR PROPER THRESHOLD FOR 850 CPS SHIFT.
7. S5 SET FOR LOW SPEED OPERATION.
8. S3 IN OFF POSITION.
9. USING HIGH IMPEDANCE SCOPE WITH DC AMPLIFIER (SUCH AS DUMONT 304H WITH 2507 PROBE)

6-5 pullout Reduce to 57%

BLOCK DIAGRAM FREQUENCY SHIFT CONVERTER MODEL CFA		
THE TECHNICAL MATERIEL CORPORATION MAMARONECK, NEW YORK		
DATE	5-9-51	CHKD. A. J. J.
DRAWN	JAD	APPD. AM
SHEET	OF	NO CK-217

WAS BE3004  
1/26/54  
8 Size  
56R