TM	NO. S	1015					
REV:							_
COMPILED: RRH	CHECKED:	APPD: WAREY	SHEET	1	OF	5	
TITLE:		19/24/65	7				
Typed by mtp 9/20/65							

TEST SPECIFICATION

for

HLC-3

TMC FORM SPEC 1

1M 8 64 AINS

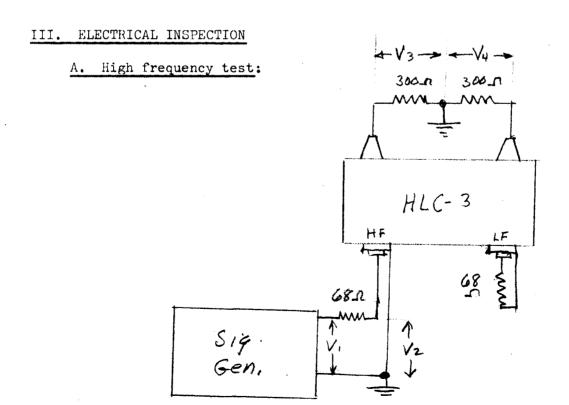
TM	No. s 1015						
REV:							
COMPILED: RRH	CHECKED:	APPD:	SHEET 2 OF 5				
TITLE: TEST SPECIFIC	ATION - HLC-3						
Typed by mtp 9/20/65							

#### I. EQUIPMENT REQUIRED

- 1 VTVM (HP 410B or equivalent).
- 1 RF Generator (Measurements Corp. 82 or equivalent).
- 2 300 ohms, 1/2 watt, 5% resistor.
- 2 68 ohms, 1/2 watt, 5% resistor.
- 2 750 ohms, 1/2 watt, 5% resistor.

#### II. MECHANICAL INSPECTION

- A. Inspect for complete assembly.
- B. Insure that cover and gasket form a watertight seal and that connector assemblies (if supplied) also fit tightly to the case.



Connect equipment as indicated, with a 68 ohm load on LF connector. Adjust signal generator for 1 volt at 2 mcs and take measurements at  $V_2$ ,  $V_3$  and  $V_4$ . Ratio

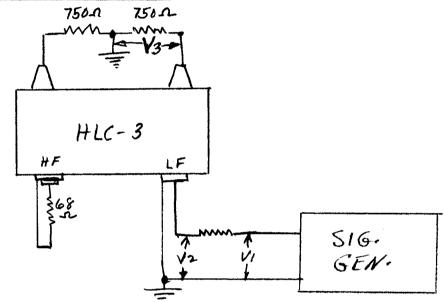
TMC FORM SPEC 1

TN	No. s 1015					
REV: 0						
COMPILED: RRH	CHECKED:	APPD:	SHEET 3	0F 5		
TITLE: TEST SPECIFIC	CATION - HLC-3					
Typed by mtp 9/20/						

#### III. ELECTRICAL INSPECTION - Cont'd

of  $V_2$  to  $V_3$  plus  $V_4$  should be between 2.7 and 3.3. Repeat for 4, 8, 16 and 30 mcs and record results on Test Data Sheet.

### B. Low Frequency Test:



Connect equipment as indicated, with 68 ohm load on HF connector. Adjust signal generator for 1 volt, 15 kcs at  $V_1$  and measure  $V_2$  and  $V_3$ . Ratio of  $V_2$  to  $V_3$  should be not less than 2 nor more than 2.6. Repeat for 25, 50, 100, 150,250, 500, 1000 and 2000 kcs and record on Test Data Sheet.

	TM	<u>IC SPECIFICATI</u>	ON	NO. S 1015				
REV:								
COMPILED:	RRH ,	CHECKED:	APPD:	SHEET 4 OF5				
TITLE:	TEST SPECIF	ICATION - HLC-3		·				
Typed by	mtp 9/20/65							

# TEST DATA SHEET

# HLC-3

MFG.	NO.	•	SERIAL NO.:	
II.	MEC	HANICAL INSPECTION		
1 .1. e	PILEC.	MANICALI INSPECTION		
	Α.	Assembly	· ». ». «« «»»»»	_Complete
	В.	Water Tightness		OK_

### III. ELECTRICAL INSPECTION

# A. High Frequency Test:

FREQUENCY	RF	VOLTS		RATIO*	V3 + V4
$\geq <$	v <sub>1</sub> v	2 V <sub>3</sub>	V4		
2 MCS	1.0				
4 MCS	1.0				
6 MCS	1.0				
8 MCS	1.0	7,144			
16 MCS	1.0		and the contract of		
30 MCS	1.0		March 1984 and		

<sup>\*</sup> Should be not less than 2.7 nor more than 3.3.

TMC FORM SPEC 1

1M - 8-64-AINS

	TMC SPECIFICATION									N	No. s 1015									
REV:	0																			
COMPIL	ED:	RRH		СНЕ	ECKE	):			•	API	PD:	•			s	HEET		5	OF	5
TITLE:	TES	ST SPE	CIFIC	ATIO	N - 1	HLC-	<b>-</b> 3													
Туре	ed by	mtp 9	/20/6	55	•							 ,					-			

#### TEST DATA SHEET

HLC-3

# III. ELECTRICAL INSPECTION - Cont'd

# B. Low Frequency Test:

FREQUENCY		RF VOLI	'S	RATIO* V <sub>3</sub>
	v <sub>1</sub>	V <sub>2</sub>	v <sub>3</sub>	
15 KC	1.0			
25 KC	1.0		A Laboratory and the second se	
50 KC	1.0		To the second second	
100 KC	1.0		Popping ( Mary ) jamaka	
150 KC	1.0			
250 KC	1.0			
500 KC	1.0			
1000 KC	1.0		To the second se	
2000 KC	1.0			

<sup>\*</sup> Ratio should be not less than 2 nor more than 2.6.

REVISION SHEET			THE TECHNICAL MATERIEL CORP. MAMARONECK NEW YORK	S1015	0	
		T			LIST NO.	APP.
DATE	REV.	SHEET		O=ORIGINAL RELEASE FOR PRODU		APP.
9/21/6	5	1 of	<b>5</b>	C-CATGINAL RELEASE FOR FRODE	0011011	
		-			12	
						1
		_				<u> </u>
						-
	<b></b>		<b>†</b>			
						:
		<del></del>				
		-				
		-	<del> </del>			
	<u> </u>		<del> </del>			
		-	<b></b>			
		<del> </del>				
			<b> </b>			
			ļ			-
	<b>_</b>		<b> </b>			
Ī	1	1	1			1