

REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	C	COMPLETELY REVISED & REDRAWN	1-4-67	17590	RME		

SBG-1			10K (IPA) STAGE (UNBAL ONLY)							40K (PA) STAGE													
FREQ MC	SBG-1 BAND	CMO	BAND	PTE OSC SETTING	TUNE	LOAD	PLATE CURRENT	OUTPUT BALANCE	10 KW PEP OUTPUT	FINAL BAND	TUNE	LOADING	DC PLATE CURRENT	PLATE RF	DC GRID CURRENT	40KW PEP OUTPUT	40KW PEP S/D DB	20KW PEP OUTPUT	20KW PEP S/D DB	RF DRIVE VOLTS	BALANCE	ANTENNA BAND	
2	0	2000	2-3	2500						2-3													
3	0	3000	2-3	3500						2-3													
3	0	3000	3-4	3500						3-4													
4	2	2000	3-4	2250						3-4													
4	2	2000	4-6	2250						4-5													
5	2	3000	4-6	2750						4-5													
5	2	3000	4-6	2750						5-7													
6	4	2000	4-6	3250						5-7													
6	4	2000	6-8	3250						5-7													
7	4	3000	6-8	3750						5-7													
7	4	3000	6-8	3750						7-13													
8	6	2000	6-8	2125						7-13													
8	6	2000	8-11	2125						7-13													
13	10	3000	11-15	3375						7-13													
13	10	3000	11-15	3375						13-18													
18	16	2000	15-19	2312.5						13-18													
18	16	2000	15-19	2312.5						18-24													
24	22	2000	19-24	3062.5						18-24													
24	22	3000	24-28	3062.5						24-28													
28	26	2000	24-28	362.5						24-28													

TEST 40 kw PEP LOAD CONDITIONS :  
 600Ω BALANCED  
 50Ω UNBALANCED

REMARKS :  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

DATE : \_\_\_\_\_  
 MFGR. NO. \_\_\_\_\_  
 SERIAL NO. \_\_\_\_\_  
 TESTED BY \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_

MODEL : \_\_\_\_\_

QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

TOLERANCES ON  
 DECIMALS .X ± .05 .XX ± .01 .XXX ± .005  
 FRACTIONS ± 1/64 ANGLES ± 0° -30'

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
FINAL APPROVAL F.B. <i>[Signature]</i>		DATE 1/20/67	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MECH. DES.		DATE	TUNING CHART 2-28MC SYNTHESIZED	
ELECT. DES.		DATE		
CHECKED <i>[Signature]</i>		DATE		
DRAWN RME		DATE 1-4-67		
SIZE	CODE IDENT.NO.	DWG NO.	ISSUE	
C	82679	CH223	C	
SCALE			SHEET	OF

CH223-B  
C  
B

A