

FREQ MC	VMO FREQ	SBE			DRIVER		POWER AMPLIFIER									
		MF TUNING	MOD BAND	OUTPUT BAND	BAND	TUNING	PA BAND	PA TUNING	ANTENNA LOADING	PA EG-RF	PA IP	S/D AT 750W PEP		CARRIER (MAX) SUPPRESS	AUXILIARY LOAD SW O OR +	
2.0	2250	2250	0	2-4	2-4		2-2.5									
2.5	2750	2750	0	2-4	2-4		2-2.5									
2.5	2750	2750	0	2-4	2-4		2.5-3									
3.0	3250	3250	0	2-4	2-4		2.5-3									
3.0	3250	3250	0	2-4	2-4		3.0-4									
4.0	3750	4250	0	2-4	2-4		3.0-4									
4.0	3750	4250	0	4-8	4-8		4-6									
6.0	2250	2250	4	4-8	4-8		4-6									
6.0	2250	2250	4	4-8	4-8		6-8									
8.0	2250	2250	5	4-8	4-8		6-8									
8.0	2250	2250	5	8-16	8-16		6-8									
8.0	2250	2250	5	8-16	8-16		8-12									
10.0	2250	2250	6	8-16	8-16		8-12									
12.0	2250	2250	7	8-16	8-16		8-12									
12.0	2250	2250	7	8-16	8-16		12-16									
14.0	2250	2250	8	8-16	8-16		12-16									
16.0	2250	2250	9	8-16	8-16		12-16									
16.0	2250	2250	9	16-32	16-32		16-24									
18.0	2250	2250	10	16-32	16-32		16-24									
20.0	2250	2250	11	16-32	16-32		16-24									
22.0	2250	2250	12	16-32	16-32		16-24									
24.0	2250	2250	13	16-32	16-32		16-24									
24.0	2250	2250	13	16-32	16-32		24-32									
26.0	2250	2250	14	16-32	16-32		24-32									
28.0	2250	2250	15	16-32	16-32		24-32									
30.0	2250	2250	16	16-32	16-32		24-32									
32.0	2250	2250	17	16-32	16-32		24-32									

REVISIONS						
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
A	ON POWER AMP: "ANT. LOADING" WAS "PA LOADING"; "S/D..." WAS "S/D RATIO DB"; "MAX." ADD. TO "CARRIER SUPPRESS"; "AUX. LOAD..." WAS "ANT. CURRENT"; TEST CONDITIONS A & B REVISED; THIS DWG. WAS FROM #8 SIZE	4-8-65	13858	2f.	JCB	[Signature]

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IN1155
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TEST CONDITIONS :

- A. 750 WATTS PEP, 2.75 AMPS THRU 50Ω LOAD, OR 194V ACROSS 50Ω LOAD
- B. REQUIREMENT - AT 750 WATTS PEP, S/D MUST BE AT LEAST 35DB BELOW TWO TONE TEST LEVEL.

REMARKS :

DATE : _____

MFGR NO _____
SERIAL NO _____
TESTED BY _____
APPROVED BY _____

MODEL: GPT-750(E) 2

**THE TECHNICAL MATERIEL CORP.
MAMARONECK NEW YORK**

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
	STOCK SIZE		
	MATERIAL		
	TYPE & TEMPER	HEAT TREAT. SPEC.	
	FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.

REQ. PER UNIT	MODEL	SECTION	ASSY. NO.	DATE
	GPT-750(E)2			6-22-61

DRAWN	CHECKED	FINAL APPROVAL
[Signature]	[Signature]	[Signature]
		IN-1155
		SHEET OF