

DASH NO.	APPLICATION		REVISIONS			
	NEXT ASSY	USED ON	REV	DESCRIPTION	DATE	APPROVED
			A1	RELEASE PER ECN # 16-0091	08/17/16	JM

REVISION STATUS	SHT NO. LETTER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20			
		1	1	1	1																			
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70

COMPANY CONFIDENTIAL: The information contained herein is the property of Genesis Microwave Corporation. Its use or reproductions is prohibited except as provided for by prior written authorization.	TEST DATA SHEET
CONTRACT NO.	POWER AMP ASSY
DRAWN: CAMERON N 12-11-06	
CHECKED CAMERON N 12-11-06	
PROJ ENGR JOHN M 12-11-06	
PROG MGR	
MFG.ENGR	
QA ENGR	
RELIABILITY:	
CUSTOMER	

	SIZE A	CAGE CODE 71A34	DWG. NO. ETD000027	REVISION A1
	SCALE			SHEET 1 OF 7

SPECIFICATION		TEST DATA		
FREQUENCY		1.00GHz	1.25GHz	1.50GHz
GAIN:	45dBmin 50dBmax	SEE SWEPT DATA		
GAIN FLATNESS:	±1.5dBmax	-54 °C	+25 °C	+85°C
GAIN VARIATION/TEMP	2.0dBmax			
POWER OUTPUT:				
(P.SAT @ +25°C)	41.5 dBm min	+42.24 dBm	+42.19 dBm	+42.28 dBm
(P.SAT @ -54°C)	41 dBm min	+42.41 dBm	+42.47 dBm	+42.15 dBm
(P.SAT @ +85°C)	41 dBm min	+41.63 dBm	+41.65 dBm	+41.71 dBm
VSWR:	2.0 : 1 max	SEE SWEPT DATA		
VSWR:		INPUT VSWR 1.37:1		
VSWR:		OUTPUT VSWR 1.13:1		
DC POWER:	+28Vdc 7AMP TYP, 9A MAX	1.51 AMPS	1.63 AMPS	1.72 AMPS

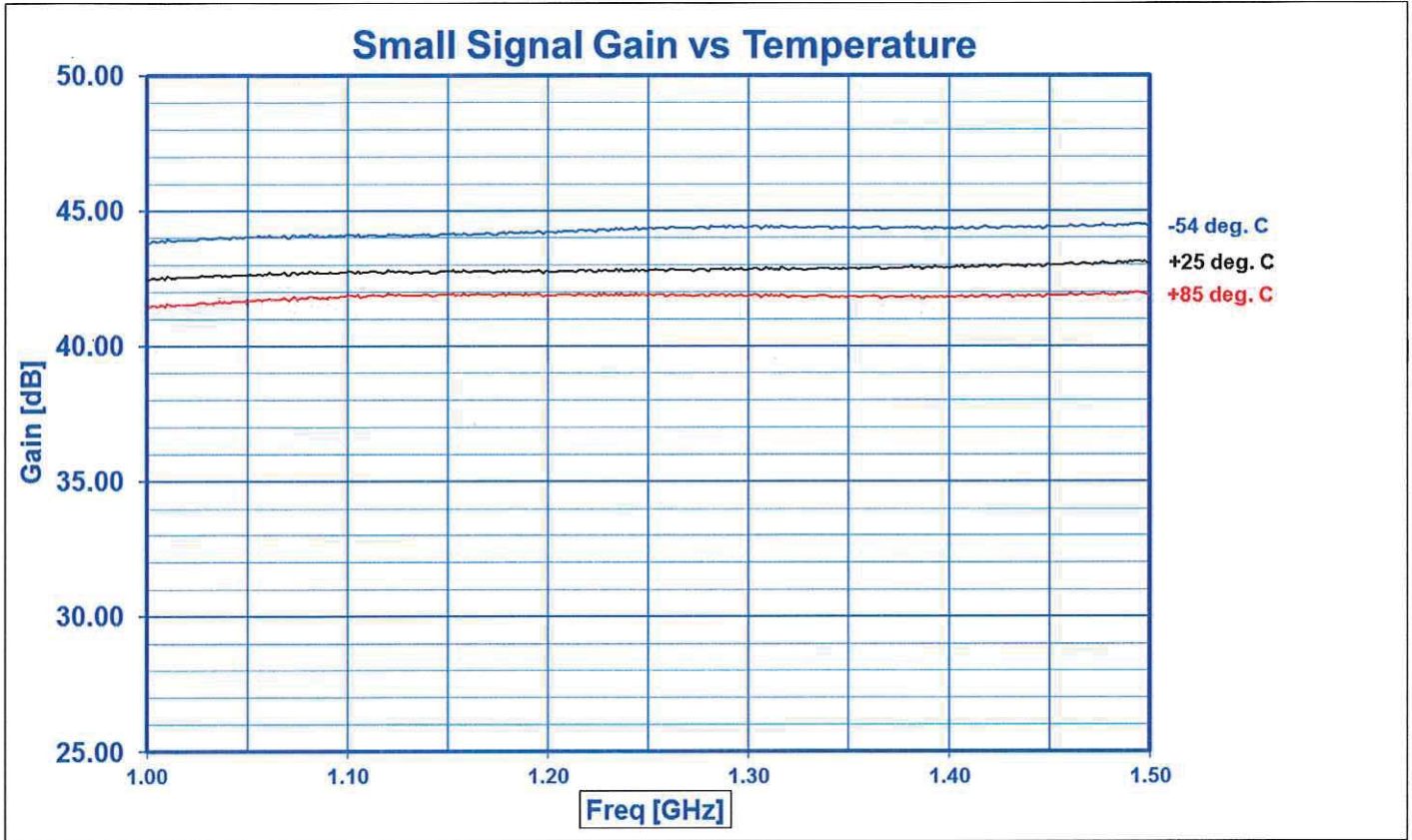
TESTED BY: E.BENSON

DATE: 12/14/2017

QA BY: *[Signature]*

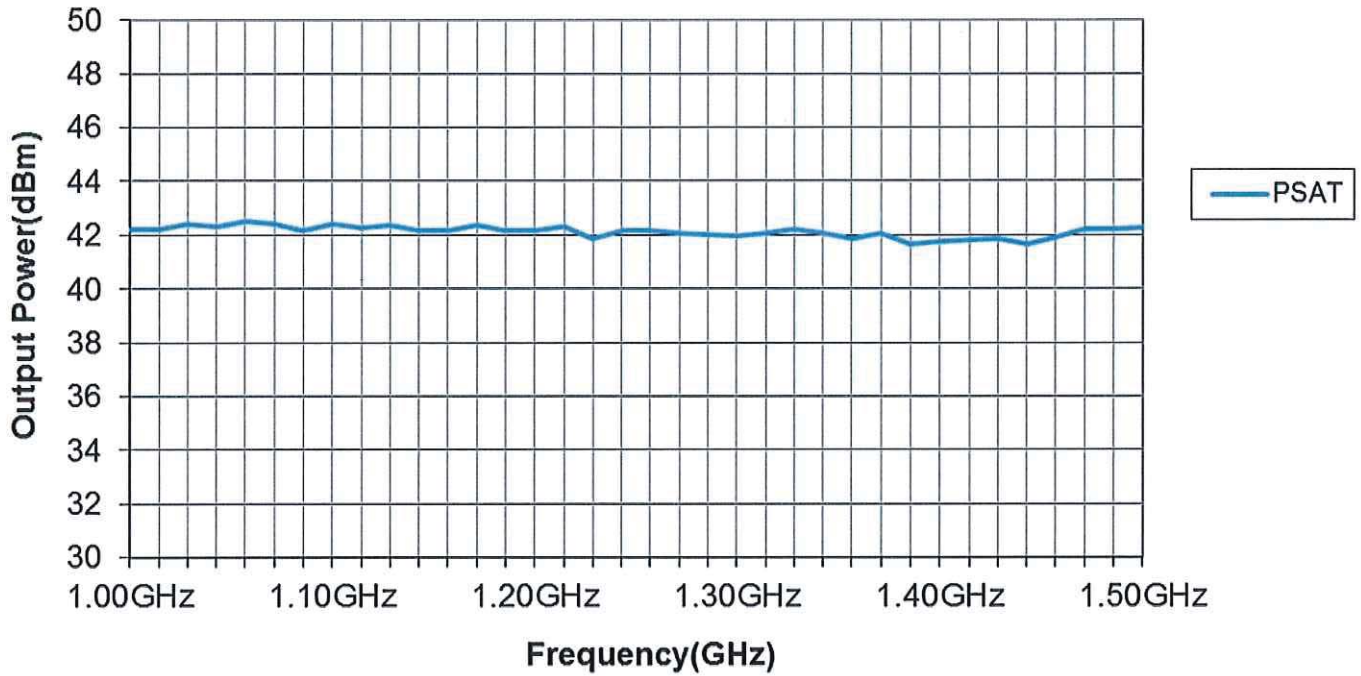
DATE: 12/14/17

	SIZE	CAGE CODE	DWG. NO.	REVISION A1
	A	71A34		
	SCALE			SHEET 2 OF 7



	SIZE A	CAGE CODE 71A34	DWG. NO. ETD000027	REVISION A1
	SCALE			SHEET 3 OF 7

Saturated Output Power vs Frequency @+25C



SIZE
A

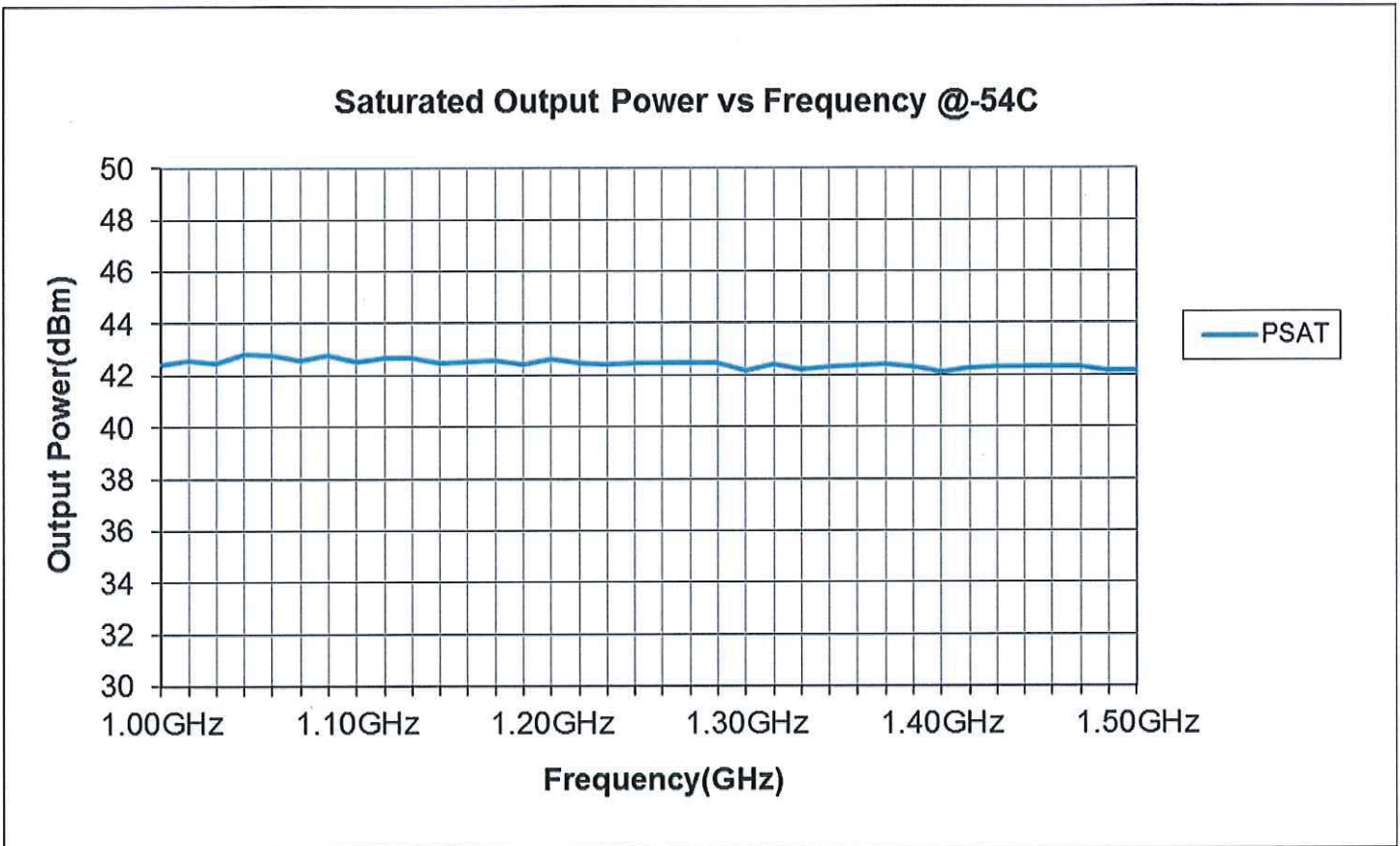
CAGE CODE
71A34


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ETD000027

REVISION **A1**

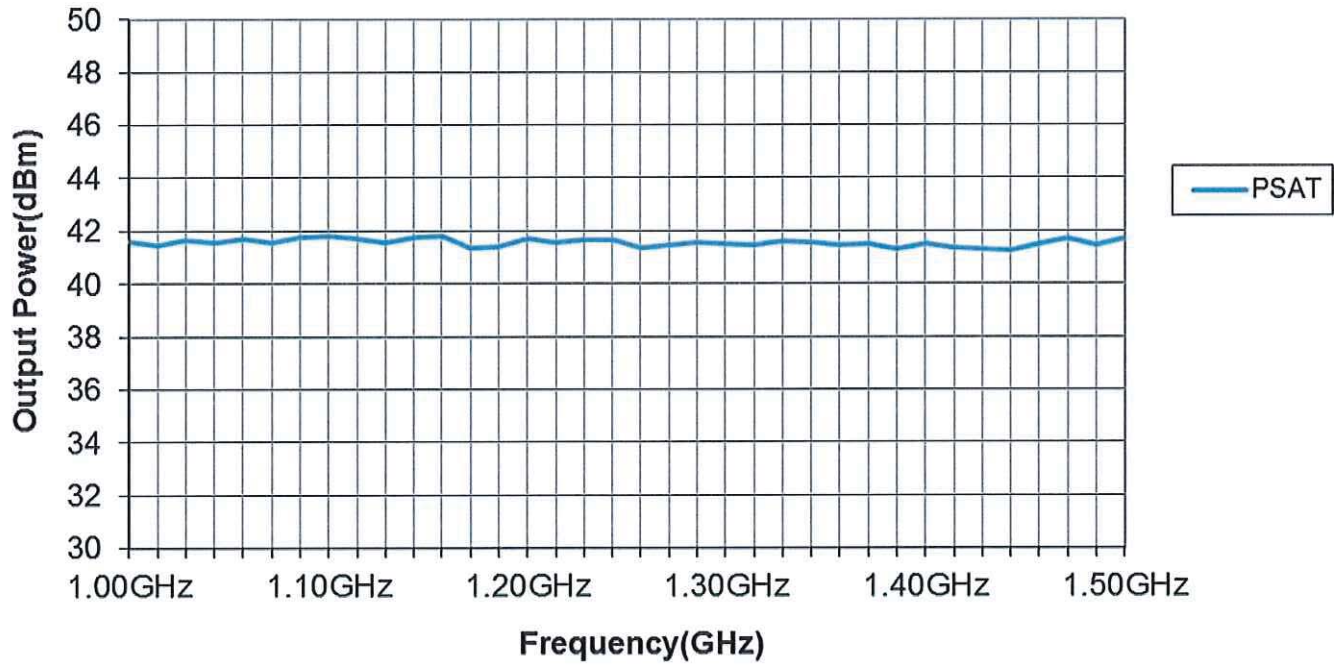
SCALE

SHEET 4 OF 7



	SIZE A	CAGE CODE 71A34	DWG. NO. ETD000027	REVISION A1
	SCALE			SHEET 5 OF 7

Saturated Output Power vs Frequency @+85C



SIZE
A

SCALE

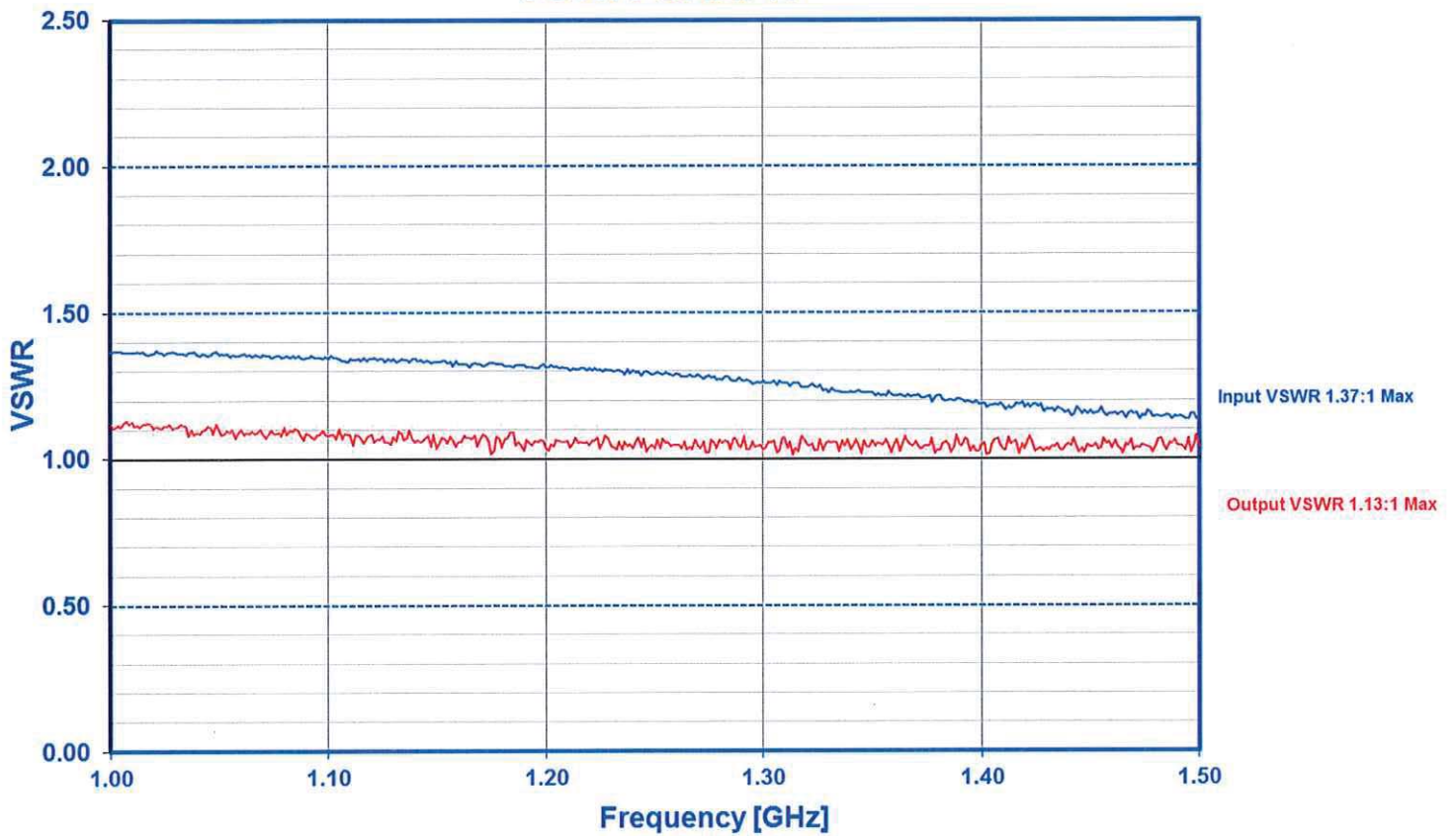
CAGE CODE
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SHEET 6 OF 7

VSWR GRAPH



SIZE
A

SCALE

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