


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

<p><b>COMPANY CONFIDENTIAL:</b> 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.</p>	<p><b>TEST DATA SHEET</b></p>
<p>CONTRACT NO.</p> <p>DRAWN: CAMERON N 12-11-06</p> <p>CHECKED CAMERON N 12-11-06</p> <p>PROJ ENGR JOHN M 12-11-06</p> <p>PROG MGR</p> <p>MFG.ENGR</p> <p>QA ENGR</p> <p>RELIABILITY:</p> <p>CUSTOMER</p>	<p><b>POWER AMP ASSY</b></p>

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

SPECIFICATION		TEST DATA		
FREQUENCY		1.00GHz	1.25GHz	1.50GHz
GAIN: 45dBmin 50dBmax		SEE SWEPT DATA		
GAIN FLATNESS: $\pm 1.5$ dBmax		-54 °C	+25 °C	+85°C
GAIN VARIATION/TEMP 2.0dBmax				
POWER OUTPUT:				
(P.SAT @ +25°C)	41.5 dBm min	+42.83 dBm	+42.31dBm	+41.96 dBm
(P.SAT @ -54°C)	41 dBm min	+42.94 dBm	+42.40 dBm	+42.08 dBm
(P.SAT @ +85°C)	41 dBm min	+42.67 dBm	+42.00 dBm	+41.78 dBm
VSWR: 2.0 : 1 max		SEE SWEPT DATA		
VSWR:		INPUT VSWR 1.29:1		
DC POWER: +28Vdc		OUTPUT VSWR 1.56:1		
7AMP TYP, 9A MAX		1.38 AMPS	1.42 AMPS	1.49 AMPS

TESTED BY: E.BENSONDATE: 12/22/2017QA BY: DATE: 12/22/17SIZE  
A

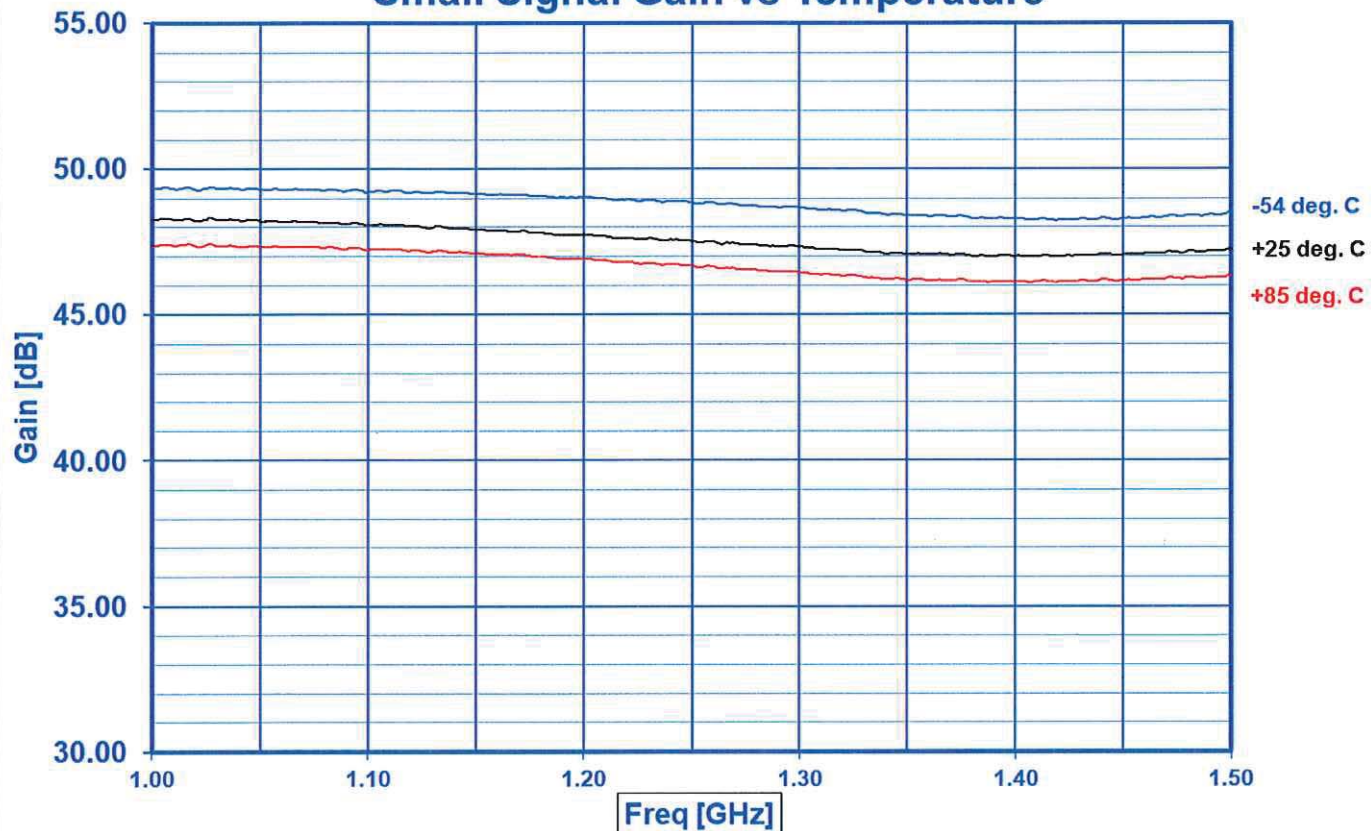
SCALE

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SHEET 2 OF 7

### Small Signal Gain vs Temperature



SIZE  
A

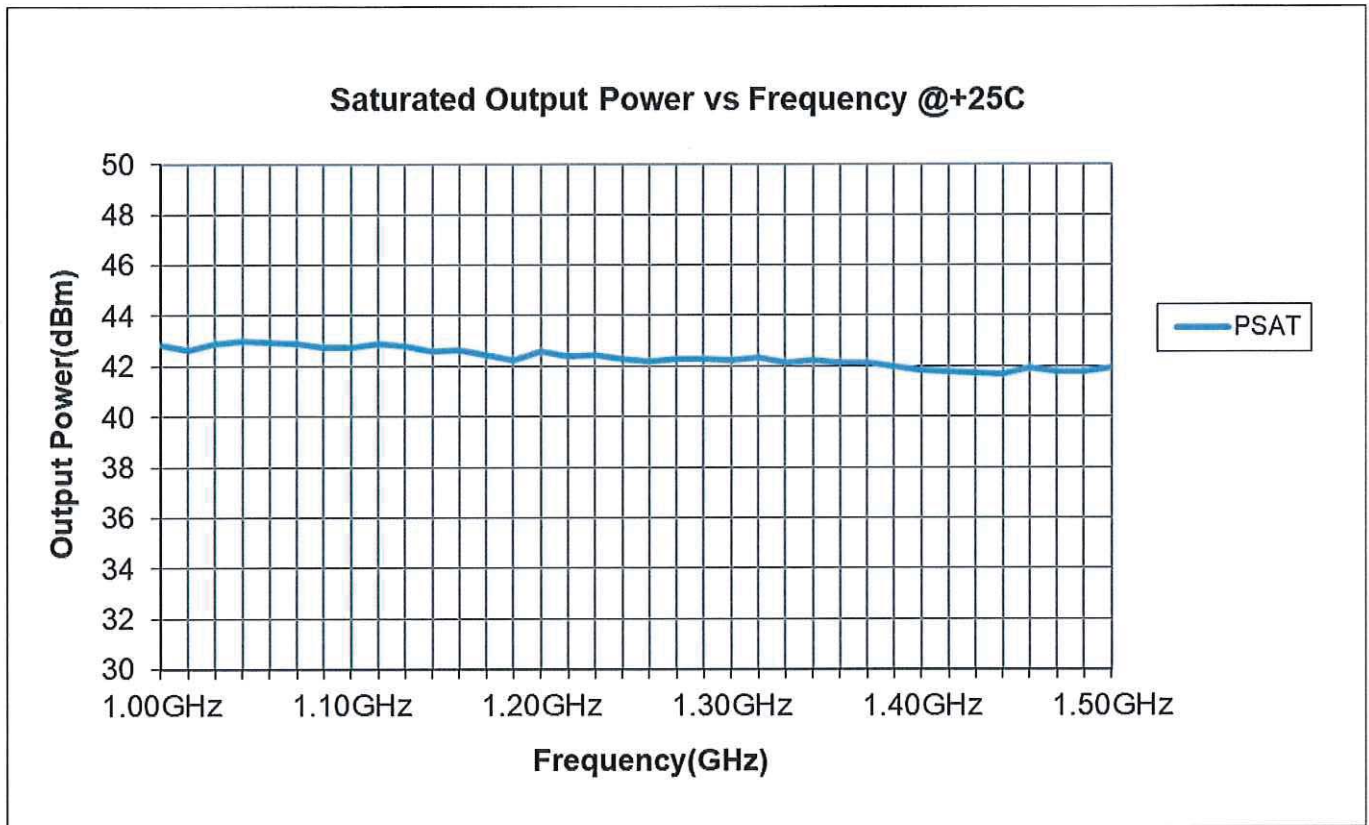
CAGE CODE  
71A34


DWG. NO.  
ETD000027

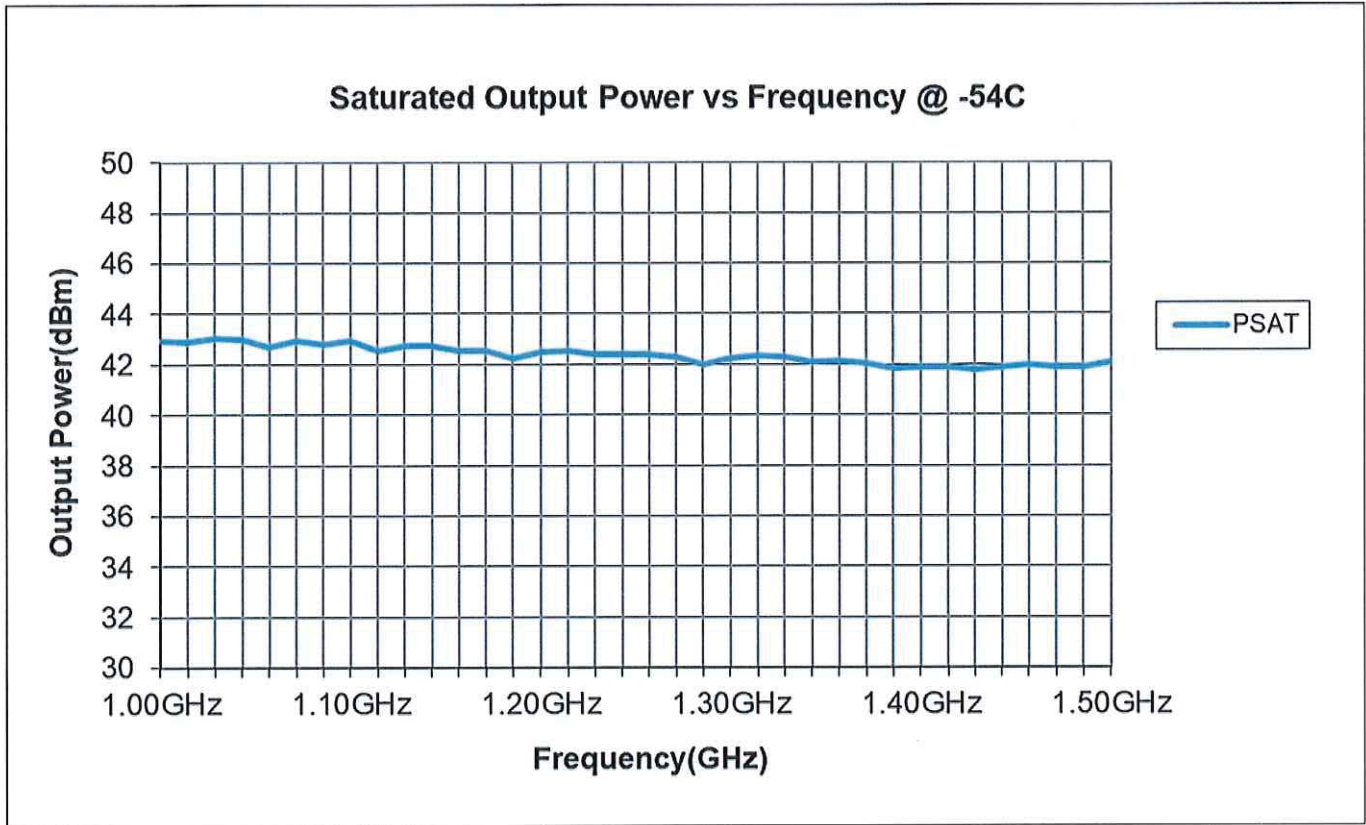
REVISION A1

SCALE

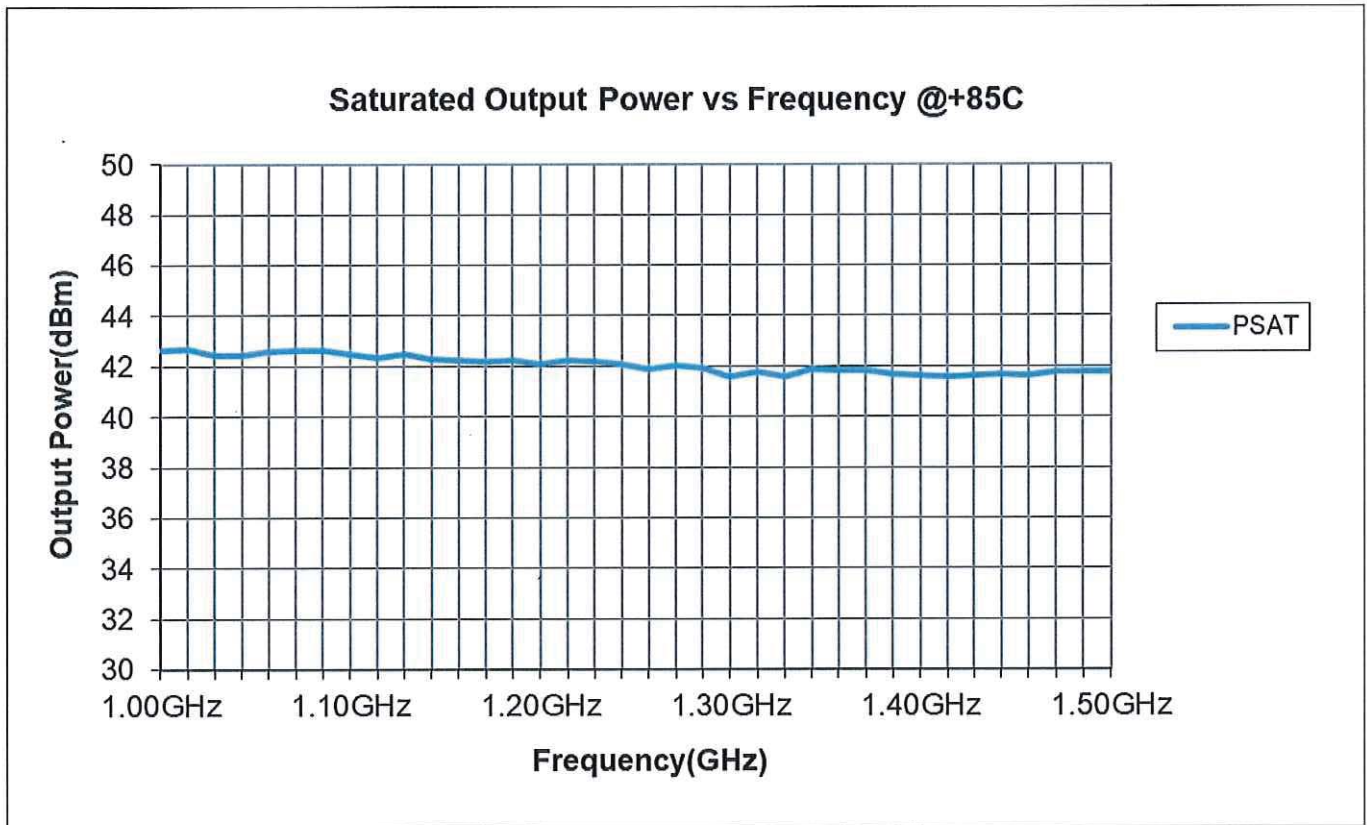
SHEET 3 OF 7




	SIZE	CAGE CODE	DWG. NO. <b>ETD000027</b>	REVISION A1
	<b>A</b>	<b>71A34</b>		SHEET 4 OF 7
	SCALE			

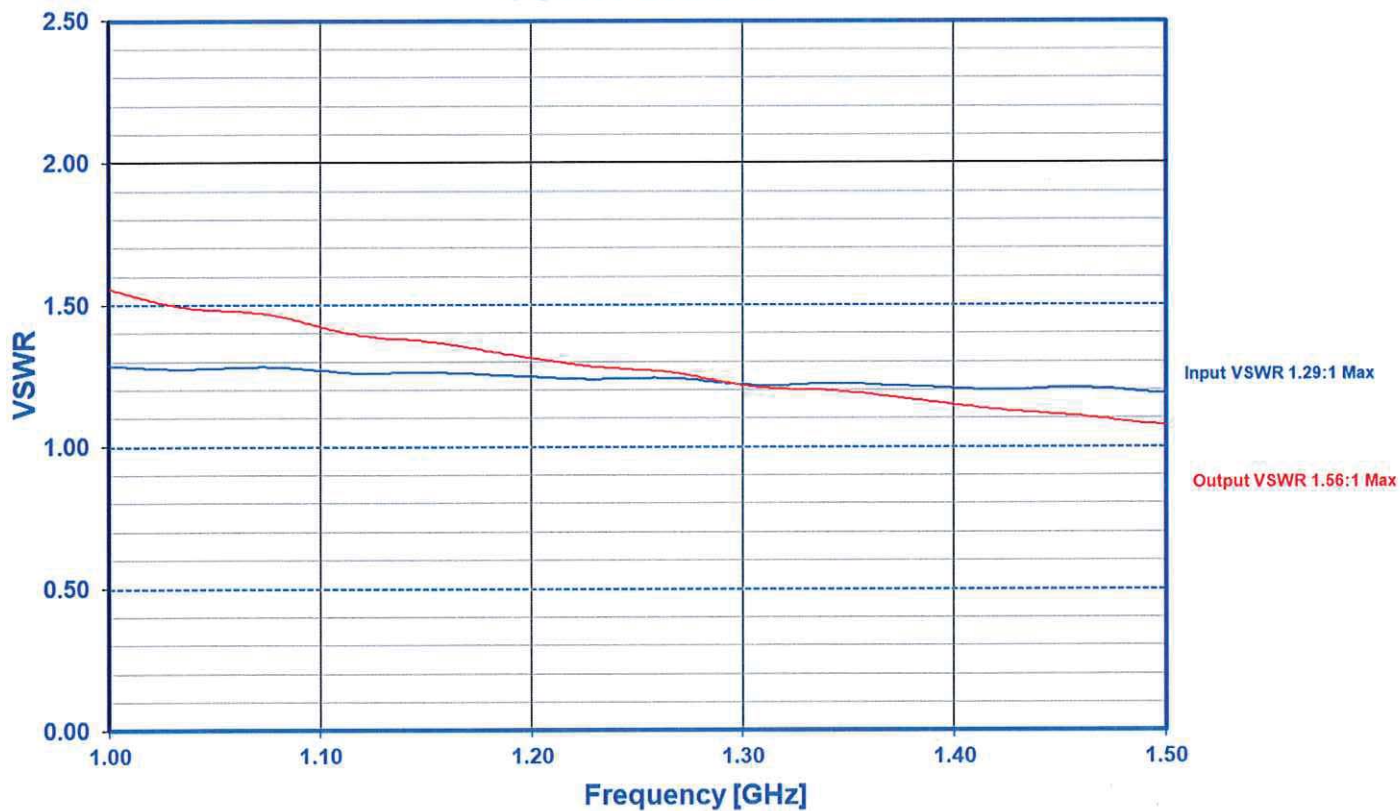


	SIZE <b>A</b>	CAGE CODE <b>71A34</b>	DWG. NO. <b>ETD000027</b>	REVISION <b>A1</b>
	SCALE			SHEET 5 OF 7



	SIZE <b>A</b>	CAGE CODE <b>71A34</b>	DWG. NO. <b>ETD000027</b>	REVISION <b>A1</b>
	SCALE			SHEET 6 OF 7

### VSWR GRAPH



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REVISION A1

SCALE

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