

DASH NO.	APPLICATION		REVISIONS			
	NEXT ASSY	USED ON	REV	DESCRIPTION	DATE	APPROVED
			A1	RELEASE PER ECN # 16-0091	08/17/16	JM
			A2	ECN # 18-0108	5/14/18	EB

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

<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.	<b>TEST DATA SHEET</b>
CONTRACT NO.	<b>POWER AMP ASSY</b>
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 <b>A</b>	CAGE CODE <b>71A34</b>	DWG. NO. <b>ETD000027</b>	REVISION <b>A2</b>
	SCALE			SHEET 1 OF 2

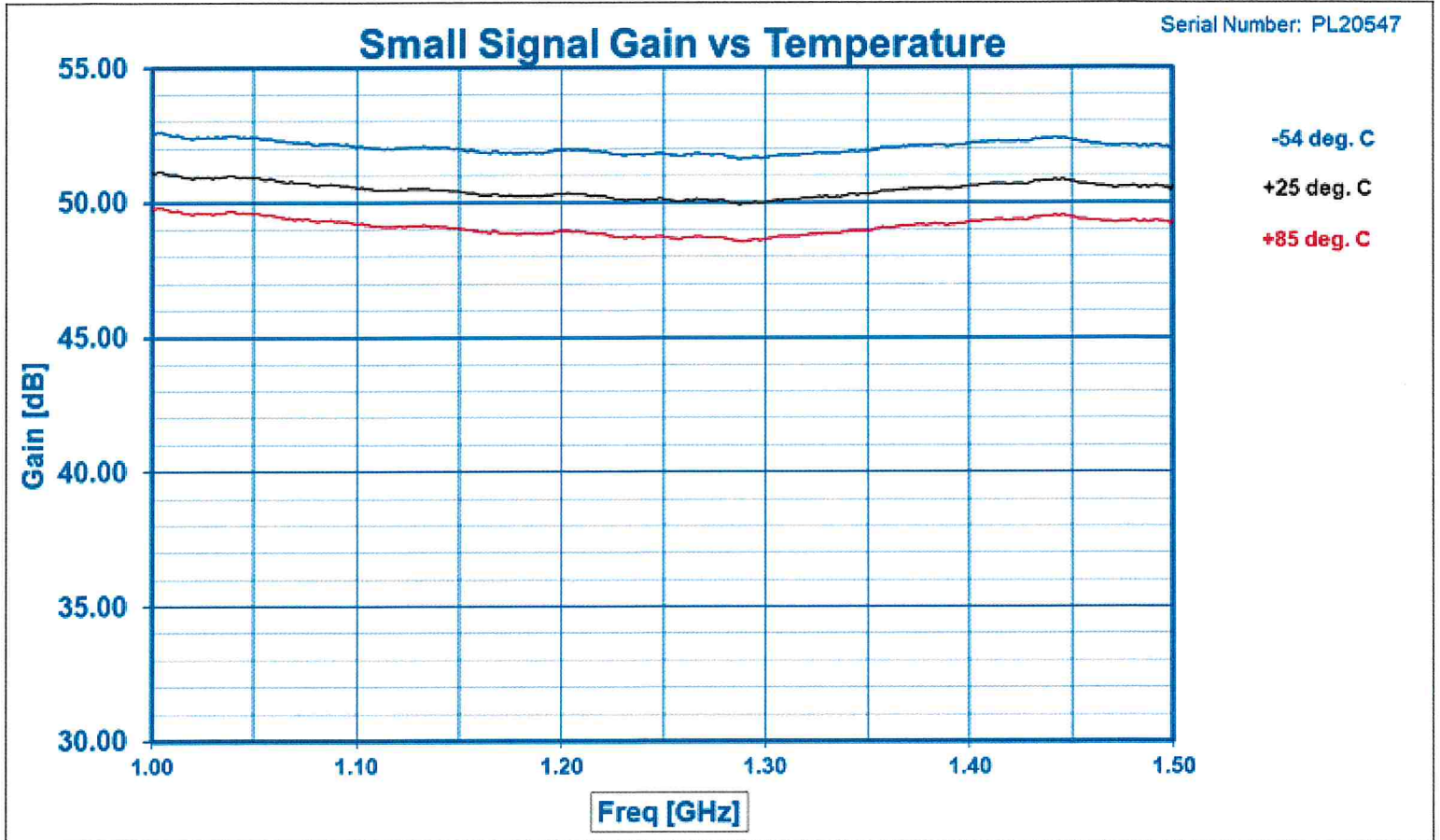
SPECIFICATION	TEST DATA		
FREQUENCY	1.00GHz	1.25GHz	1.50GHz
GAIN: 47.5dBmin 52.5dBmax GAIN FLATNESS: ±1.5dBmax GAIN VARIATION/TEMP 2.0dBmax	SEE SWEPT DATA -54 °C +25 °C +85°C		
POWER OUTPUT:			
(P.SAT @ +25°C) 41.5 dBm min	42.49 dBm	41.81 dBm	42.41 dBm
(P.SAT @ -54°C) 41 dBm min	42.77 dBm	42.36 dBm	42.83 dBm
(P.SAT @ +85°C) 41 dBm min	42.05 dBm	41.26 dBm	41.91 dBm
VSWR: 2.0 : 1 max VSWR:	SEE SWEPT DATA INPUT VSWR= 1.37:1 OUTPUT VSWR= 1.93:1		
DC POWER: +28Vdc 7AMP TYP, 9A MAX	1.14	AMPS	

TESTED BY: E.BensonDATE: 05/30/2018QA BY: A. ZimmermanDATE: 6/6/2018SIZE  
ACAGE CODE  
71A34DWG. NO.  
ETD000027

REVISION A2

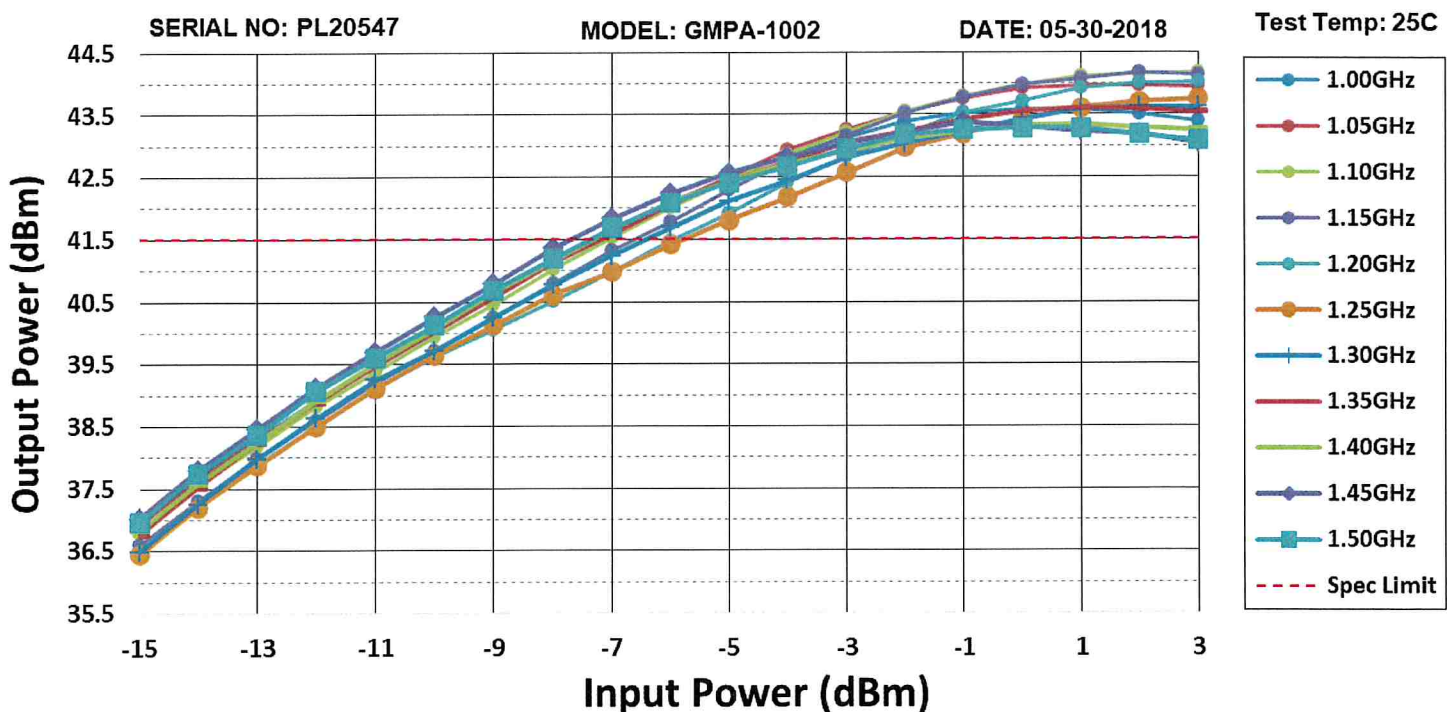
SCALE

SHEET 2 OF 2



	SIZE	CAGE CODE	DWG. NO. <b>ETD000027</b>	REVISION <b>A2</b>
	A	<b>71A34</b>		
SCALE				SHEET 3 OF 2

### Output Power Vs Input Power



SIZE

A

SCALE

CAGE CODE

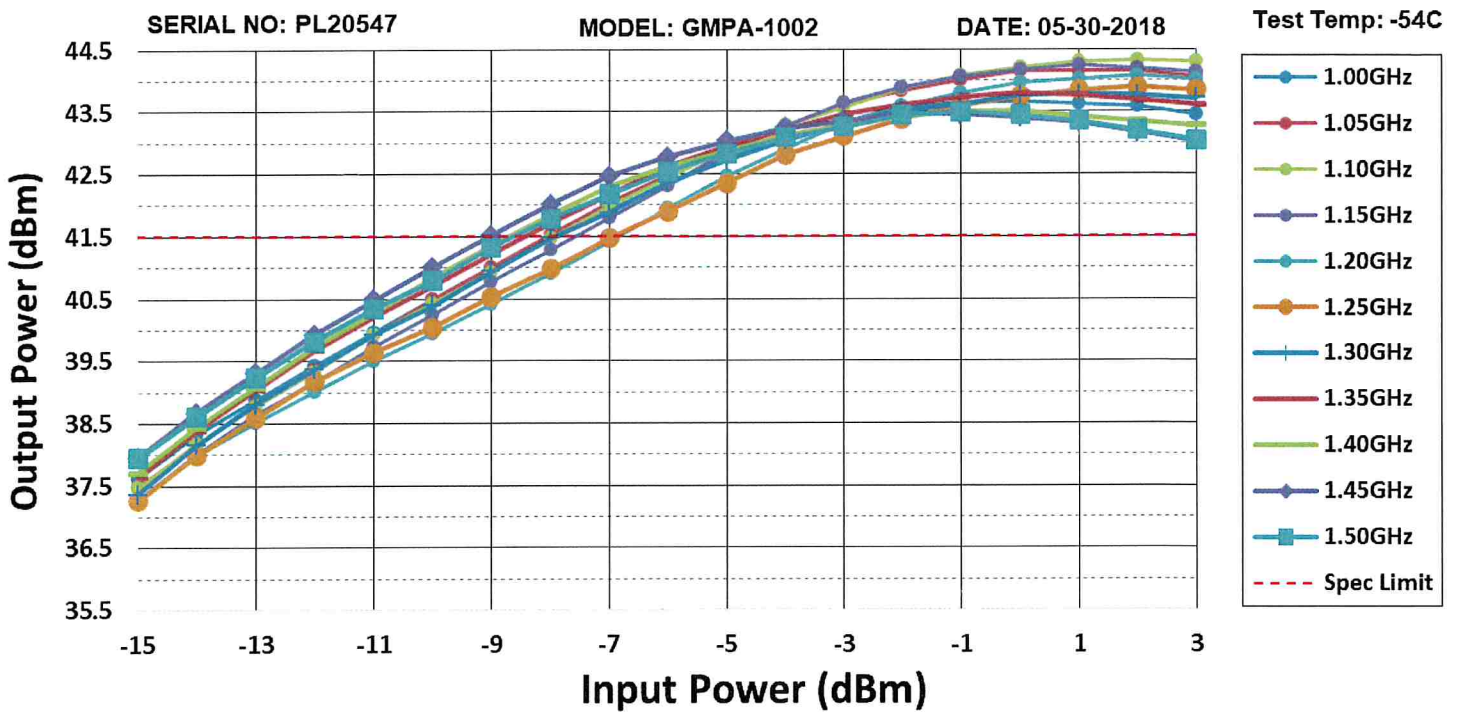
71A34

DWG. NO.  
ETD000027

REVISION A2

SHEET 4 OF 2

### Output Power Vs Input Power



SIZE  
**A**

CAGE CODE  
**71A34**

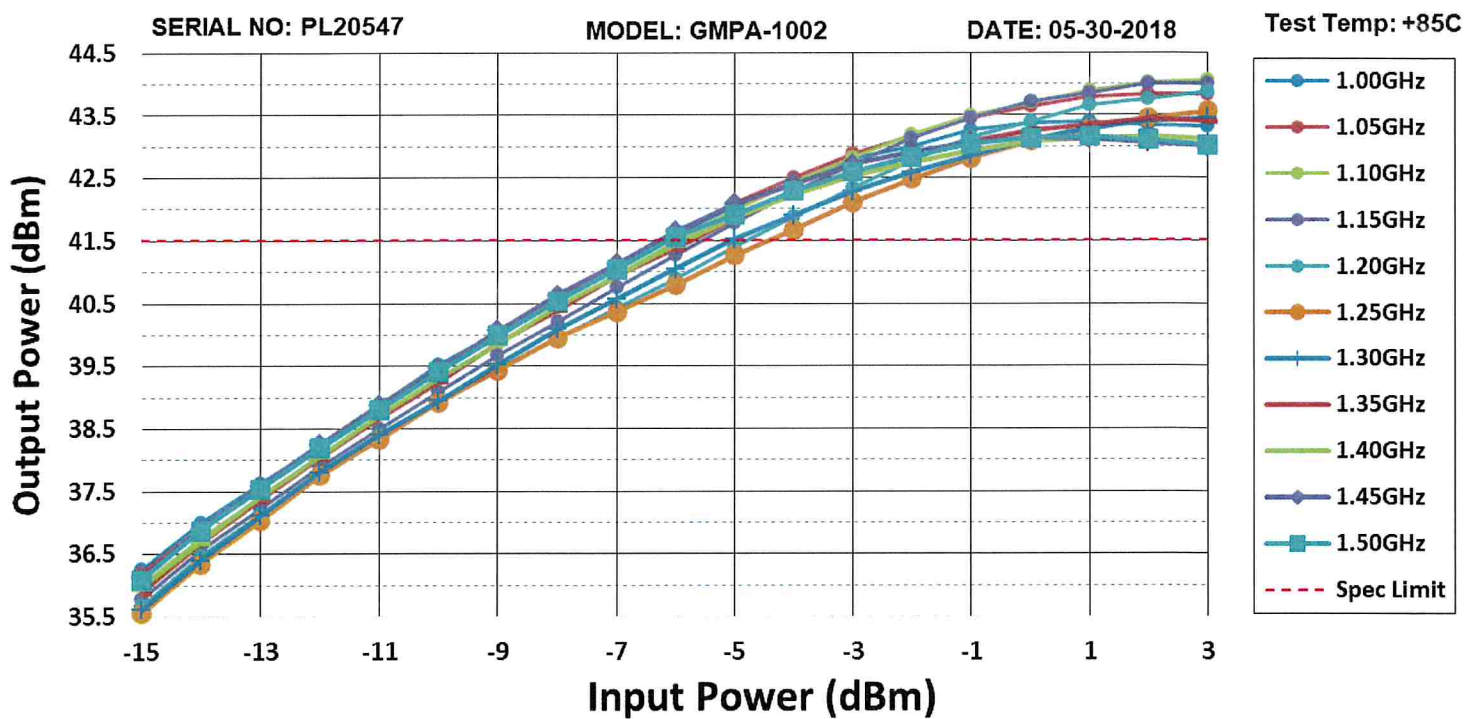
DWG. NO.  
**ETD000027**

REVISION **A2**

SCALE

SHEET 5 OF 2

### Output Power Vs Input Power



SIZE

A

SCALE

CAGE CODE

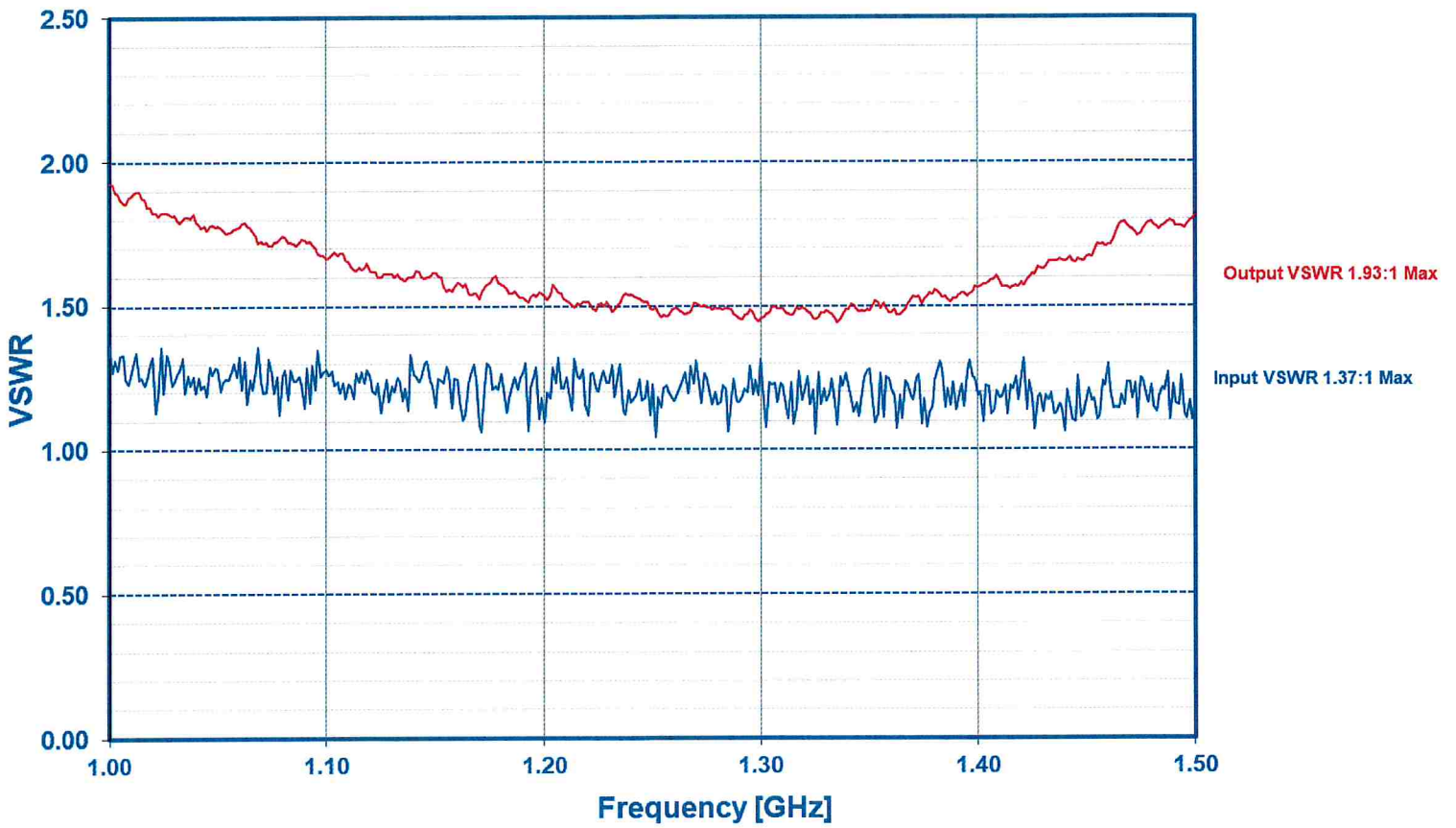
71A34

DWG. NO.  
ETD000027

REVISION A2

SHEET 6 OF 2

### VSWR GRAPH



SIZE  
**A**

CAGE CODE  
**71A34**

DWG. NO.  
**ETD000027**

REVISION **A2**

SCALE

SHEET 7 OF 2