

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

<p>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.</p>	TEST DATA SHEET	
	CONTRACT NO.	
	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	
POWER AMP ASSY		

	SIZE A	CAGE CODE 71A34	DWG. NO. ETD000027	REVISION A2
	SCALE			SHEET 1 OF 7

SPECIFICATION		TEST DATA		
FREQUENCY		1.00GHz	1.25GHz	1.50GHz
GAIN: 47.5dBmin 52.5dBmax		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	42.52 dBm	42.18 dBm	42.04 dBm
(P.SAT @ -54°C)	41 dBm min	42.75 dBm	42.69 dBm	42.59 dBm
(P.SAT @ +85°C)	41 dBm min	42.14 dBm	41.70 dBm	41.54 dBm
VSWR: 2.0 : 1 max		SEE SWEPT DATA		
VSWR:		INPUT VSWR= 1.34:1		
DC POWER: +28Vdc		OUTPUT VSWR= 1.90:1		
7AMP TYP, 9A MAX		1.17	AMPS	

TESTED BY: E.Benson

DATE: 06/01/2018

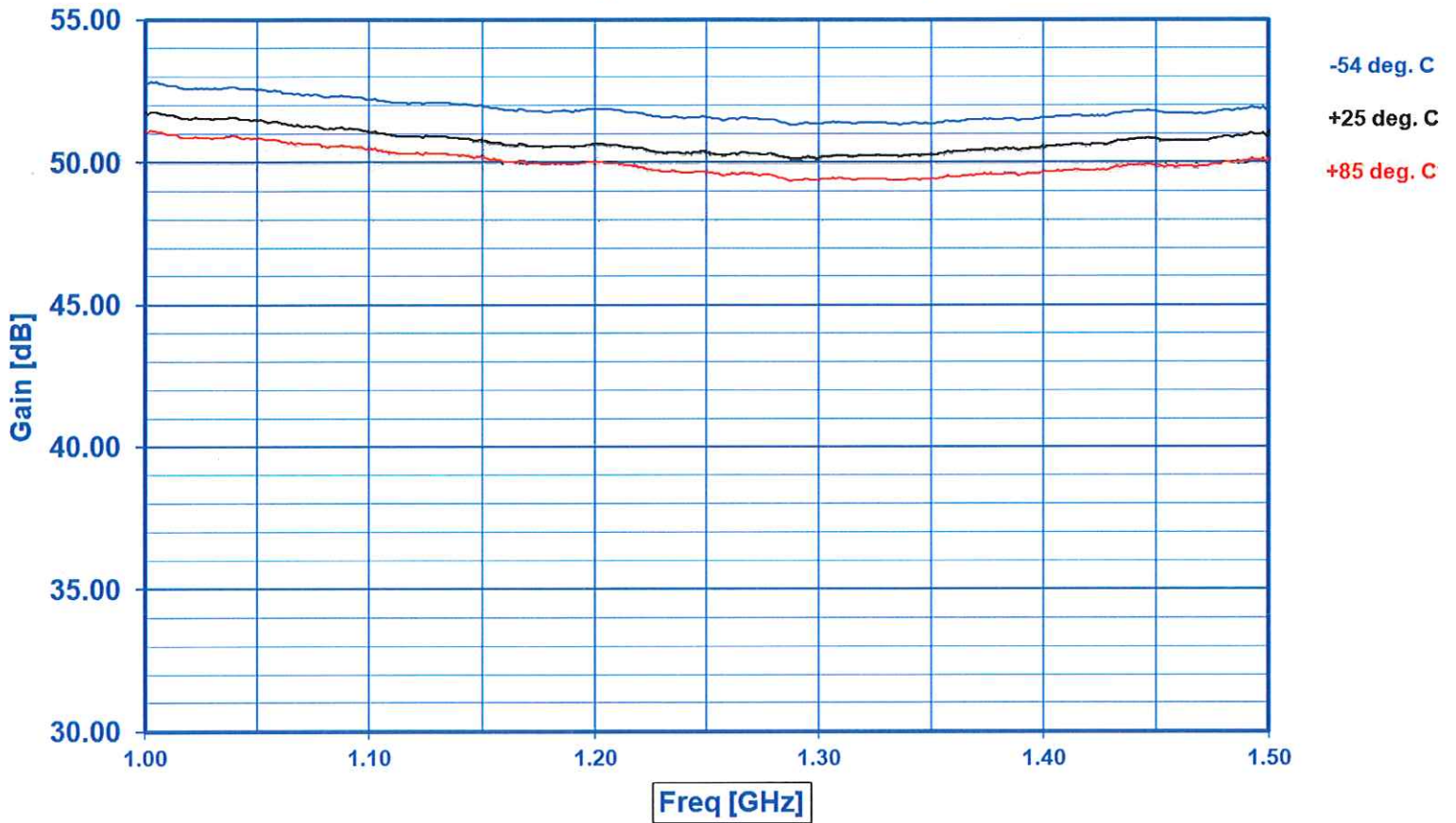
QA BY: *[Signature]*

DATE: 6/6/18

	SIZE	CAGE CODE	DWG. NO. ETD000027	REVISION A2
	A	71A34		SHEET 2 OF 7
SCALE				

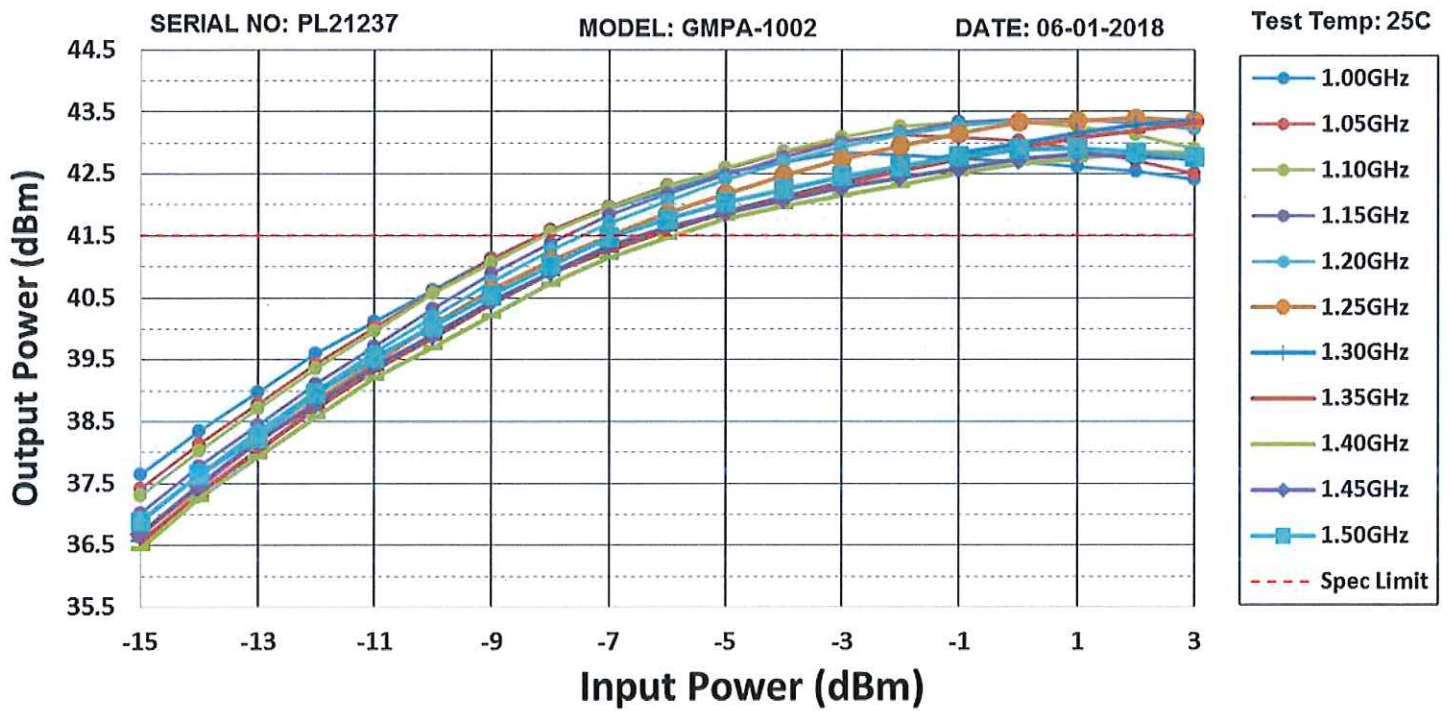
Small Signal Gain vs Temperature

Serial Number: PL21237



	SIZE	CAGE CODE	DWG. NO. ETD000027	REVISION A2
	A	71A34		SHEET 3 OF 7
	SCALE			

Output Power Vs Input Power



SIZE
A
SCALE

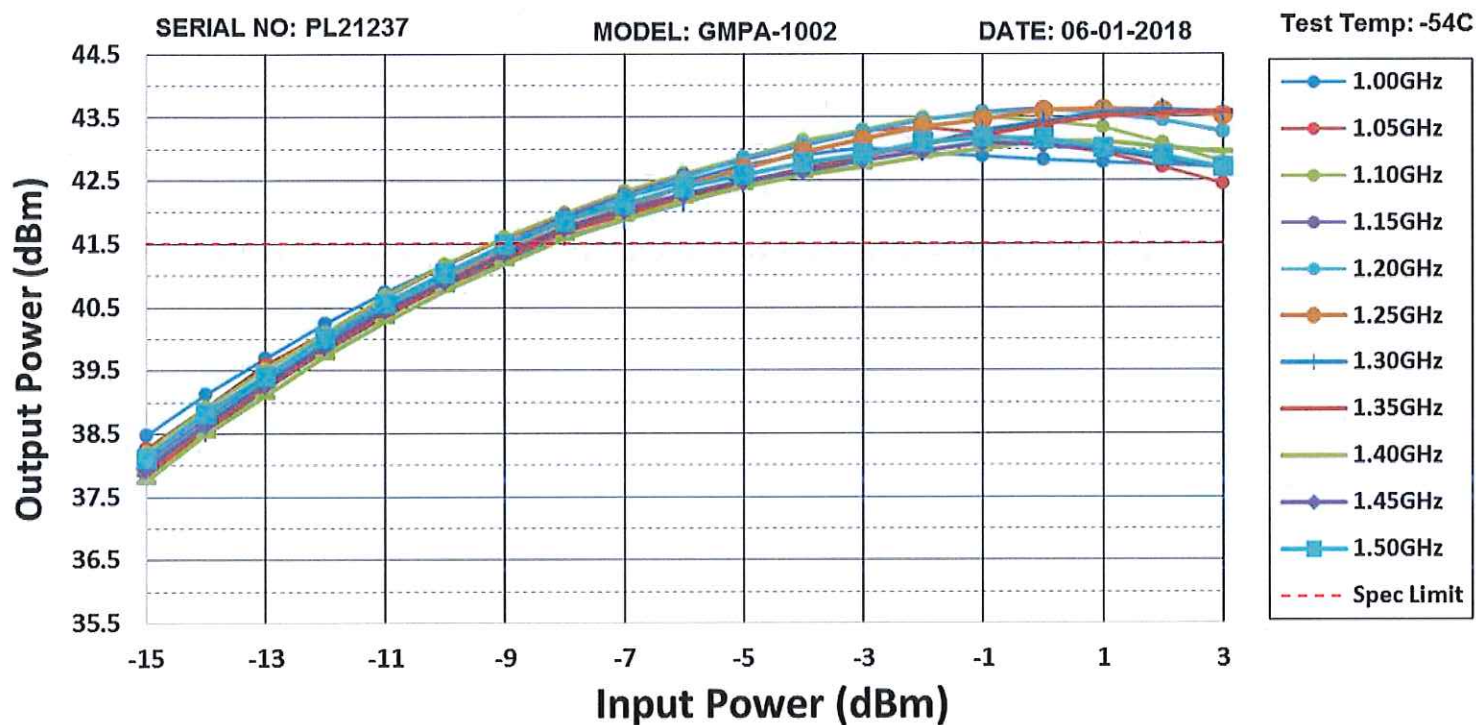
CAGE CODE
71A34

DWG. NO.
ETD000027

REVISION **A2**

SHEET 4 OF 7

Output Power Vs Input Power



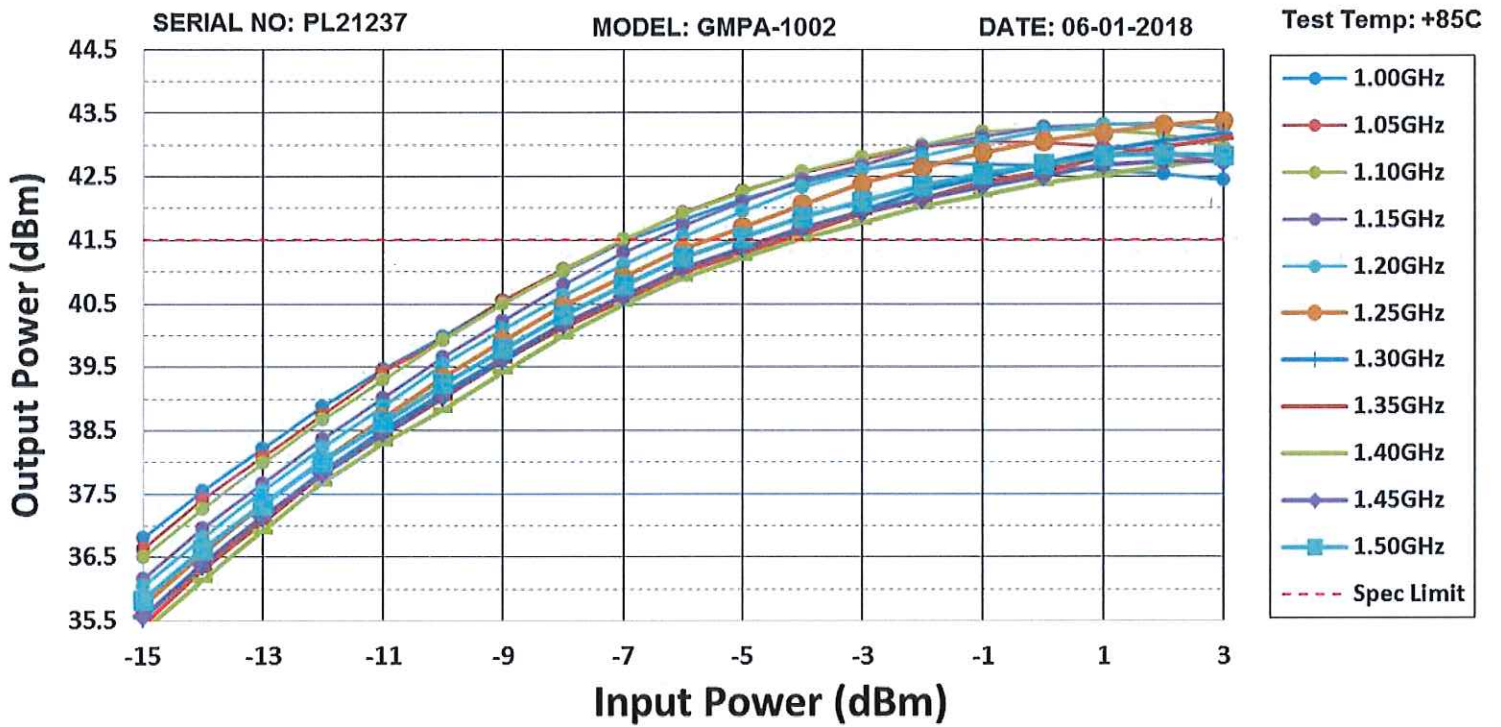
SIZE
A
SCALE

CAGE CODE
71A34

DWG. NO.
ETD000027

REVISION A2
SHEET 5 OF 7

Output Power Vs Input Power



SIZE
A
SCALE

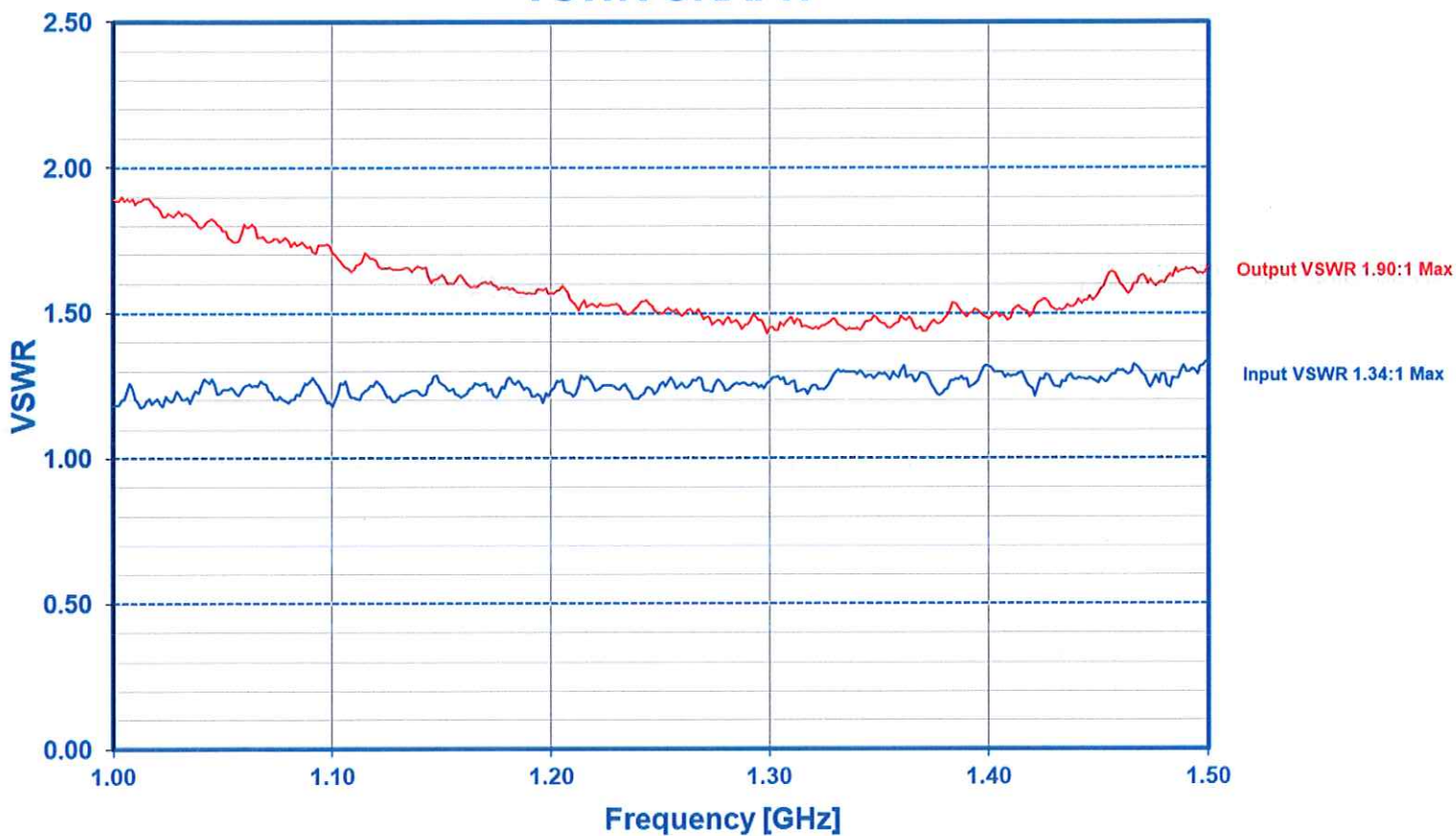
CAGE CODE
71A34

DWG. NO.
ETD000027

REVISION A2

SHEET 6 OF 7

VSWR GRAPH



SIZE
A

CAGE CODE
71A34

DWG. NO.
ETD000027

REVISION A2

SCALE

SHEET 7 OF 7