

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><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>	<b>TEST DATA SHEET</b>	
	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	
<p><b>POWER AMP ASSY</b>  <b>GENESIS MICROWAVE GMPA-1002</b></p>		

	SIZE <b>A</b>	CAGE CODE <b>71A34</b>	DWG. NO. <b>ETD000027</b>	REVISION <b>A2</b>
	SCALE			SHEET 1 OF 6

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	42.34 dBm	42.12 dBm	42.05 dBm
(P.SAT @ -54°C)	41 dBm min	42.62 dBm	42.72 dBm	42.70 dBm
(P.SAT @ +85°C)	41 dBm min	41.60 dBm	41.43 dBm	41.28 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

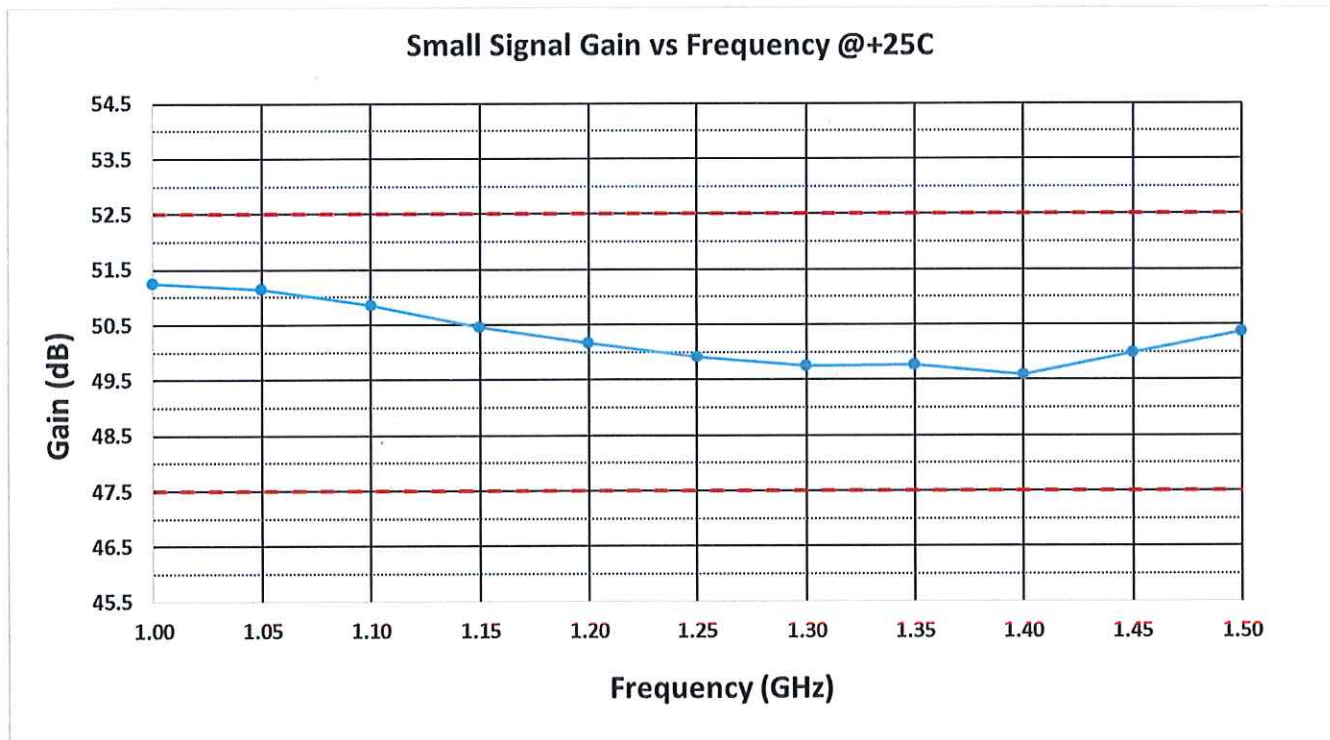
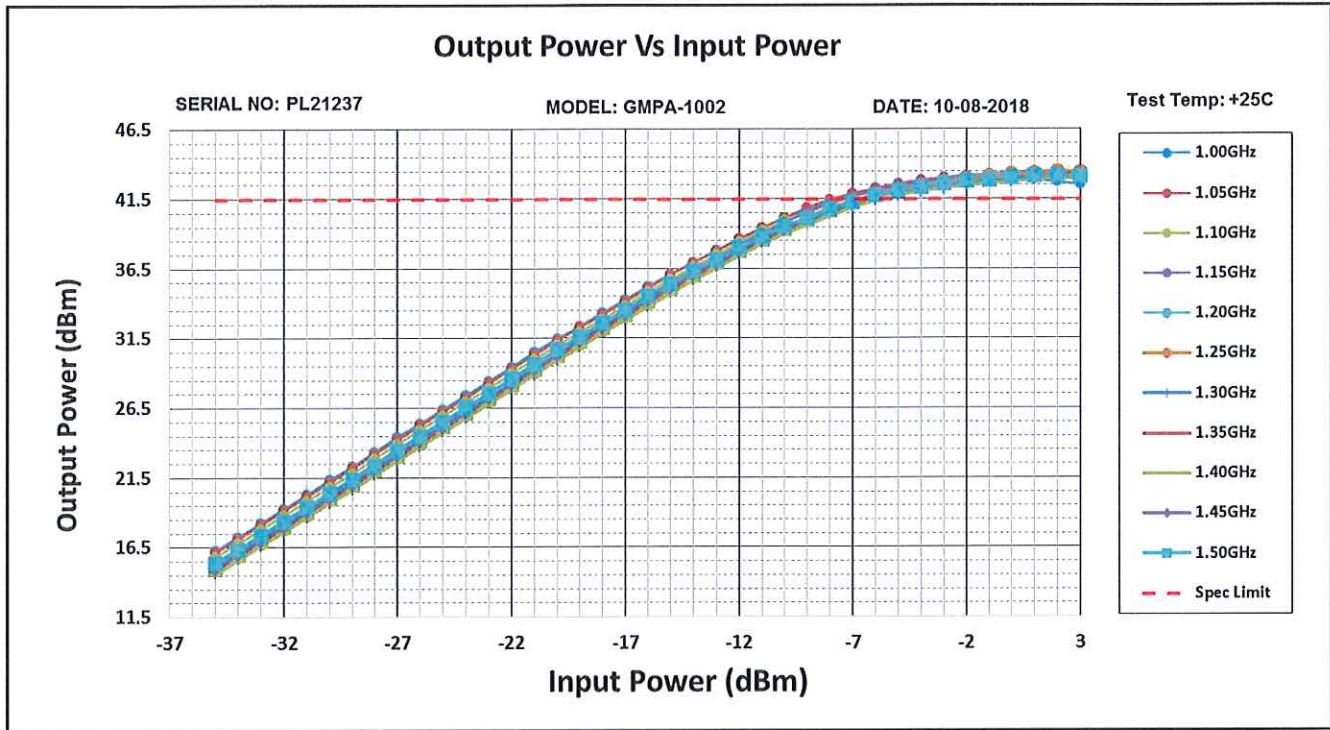
TESTED BY: E.Benson


DATE: 10/08/2018

QA BY: 

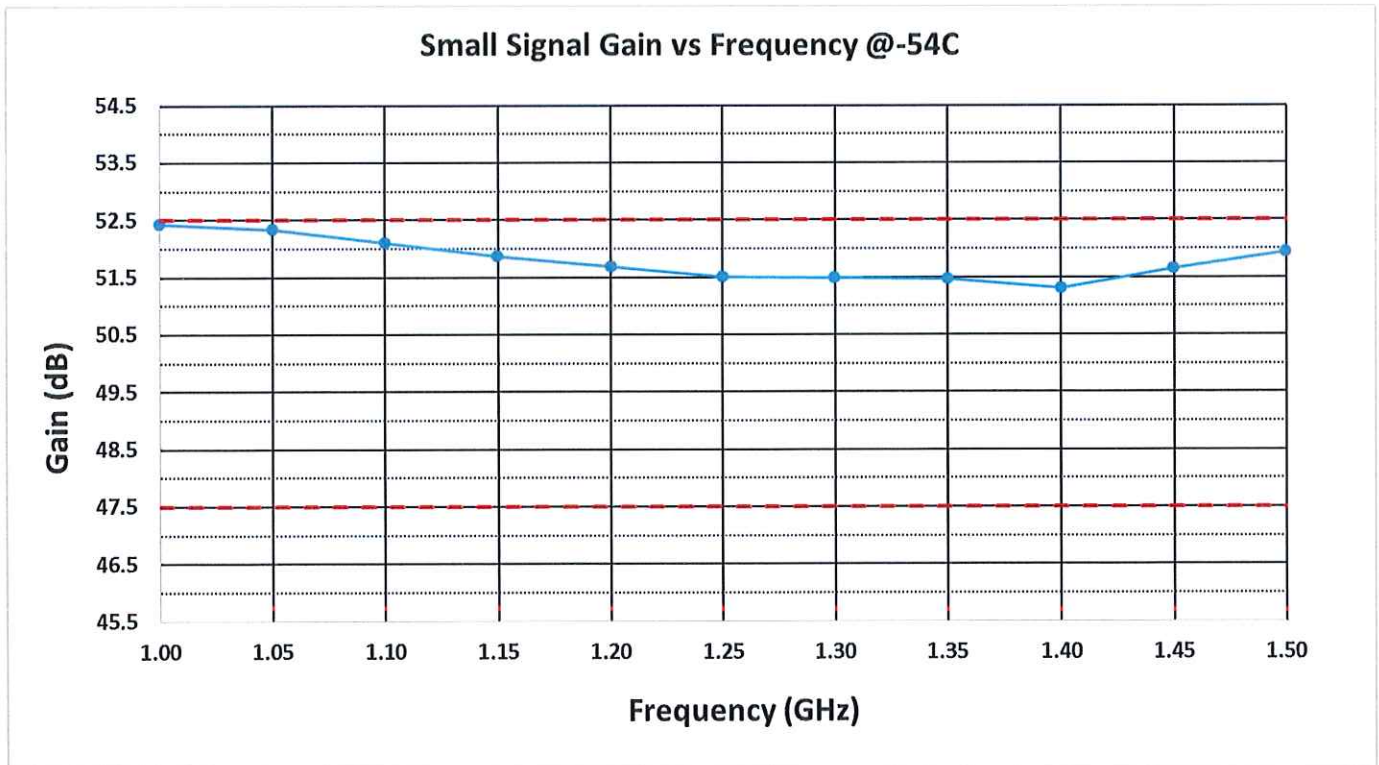
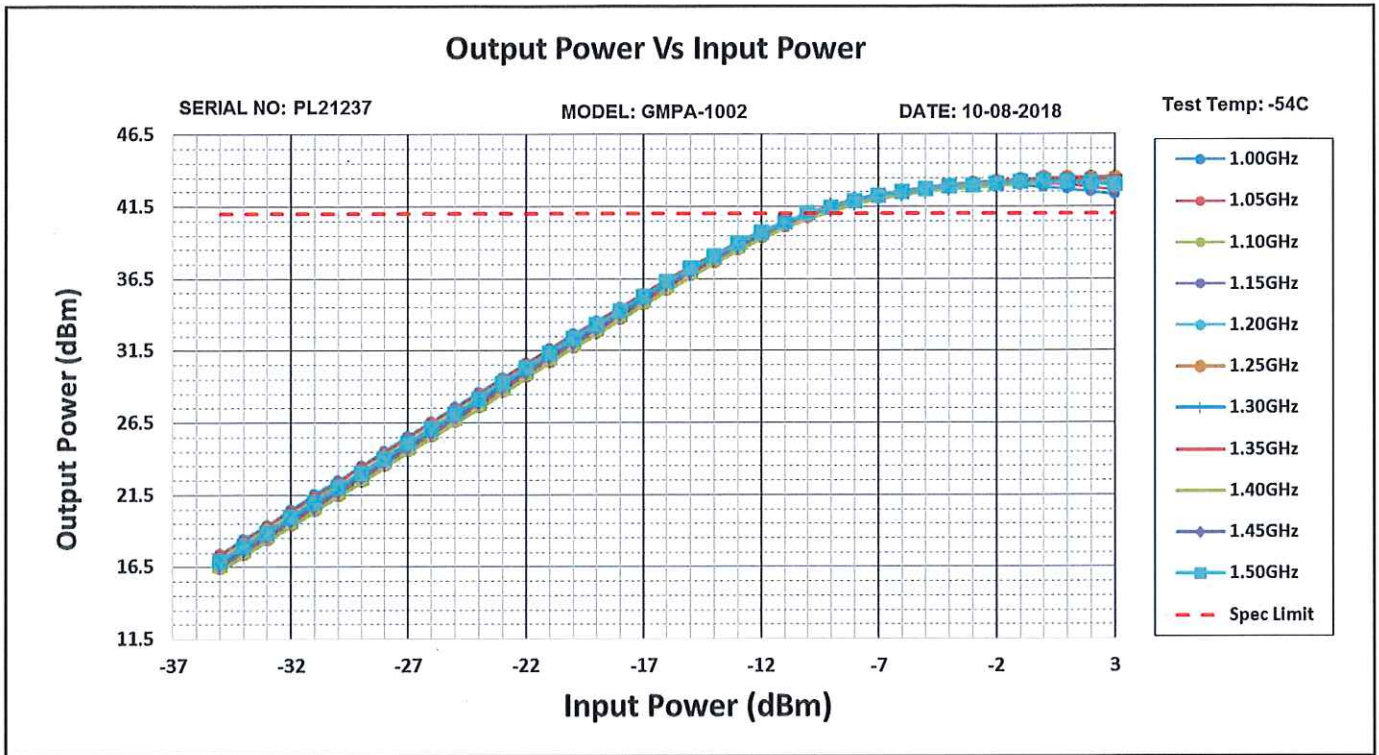
DATE: 10/10/18

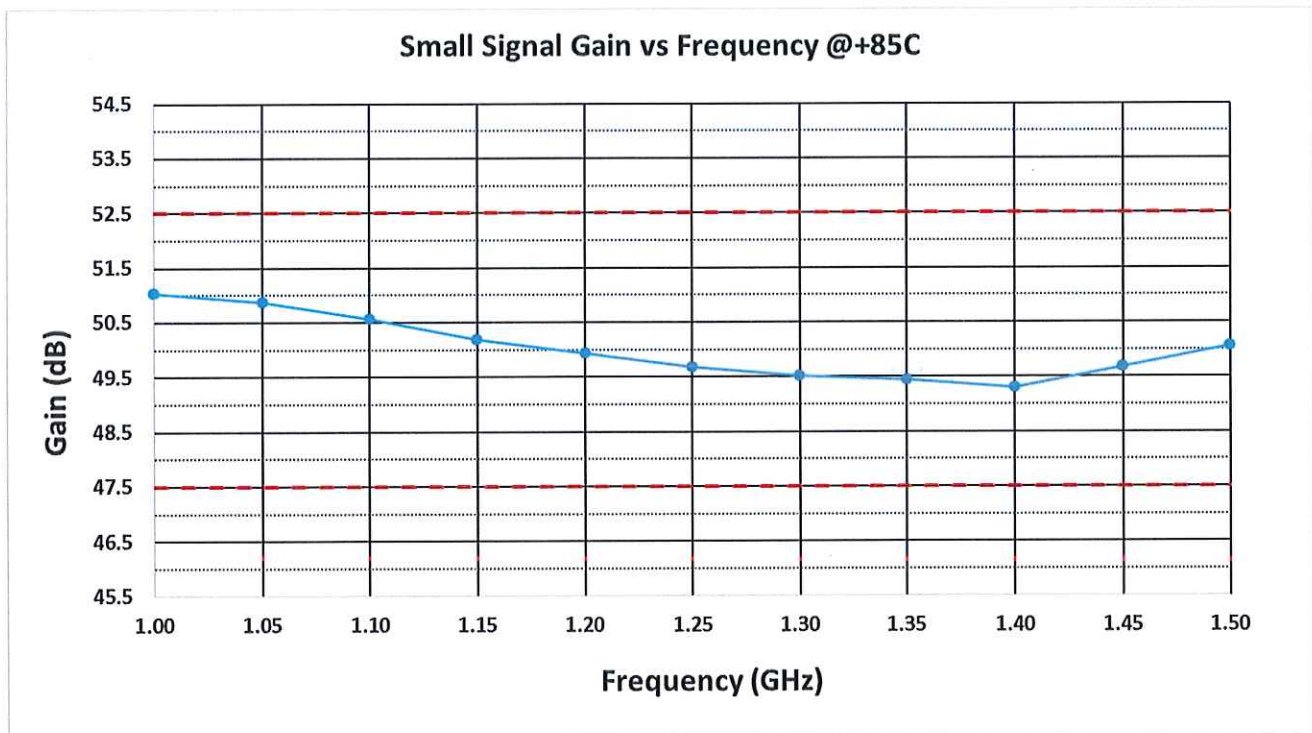
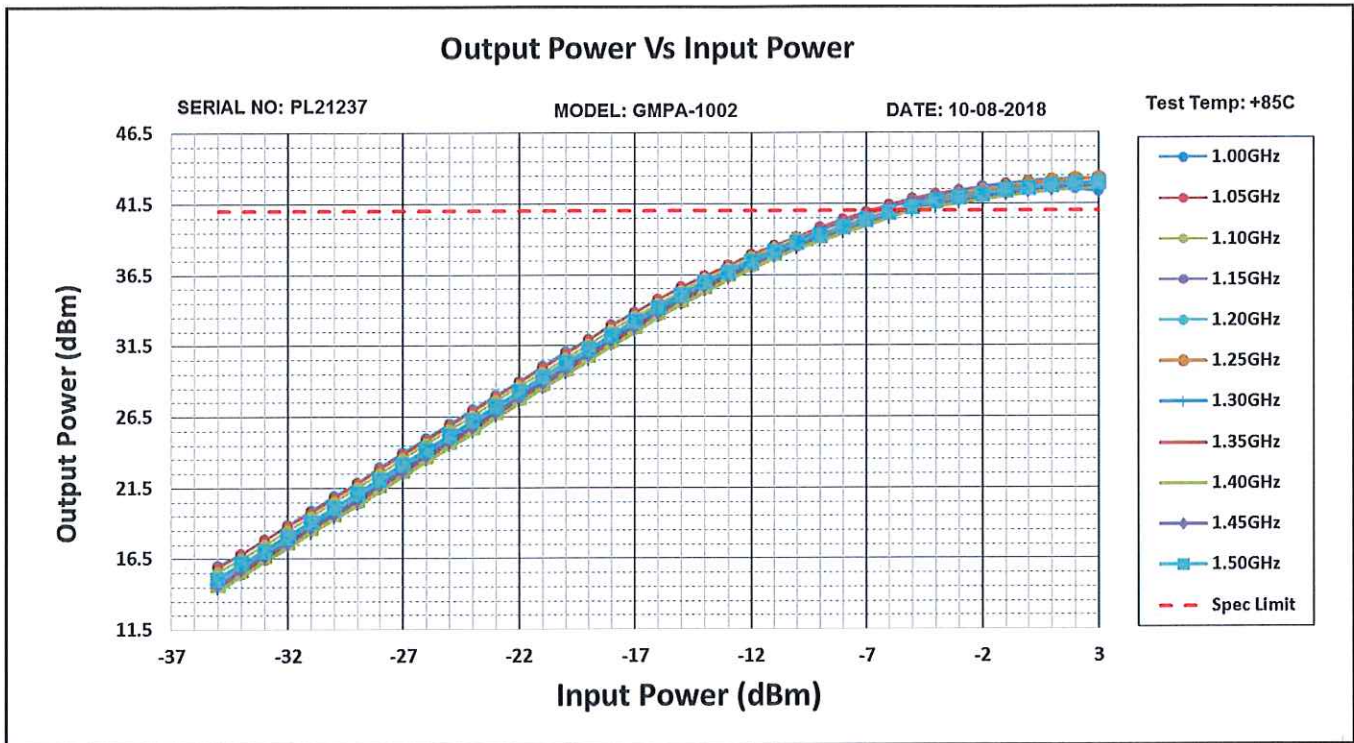
	SIZE	CAGE CODE	DWG. NO.	REVISION A2
	A	71A34		
	SCALE			SHEET 2 OF 6



	SIZE <b>A</b>	CAGE CODE <b>71A34</b>	DWG. NO. <b>ETD000027</b>	REVISION <b>A2</b>
	SCALE			SHEET 3 OF 6

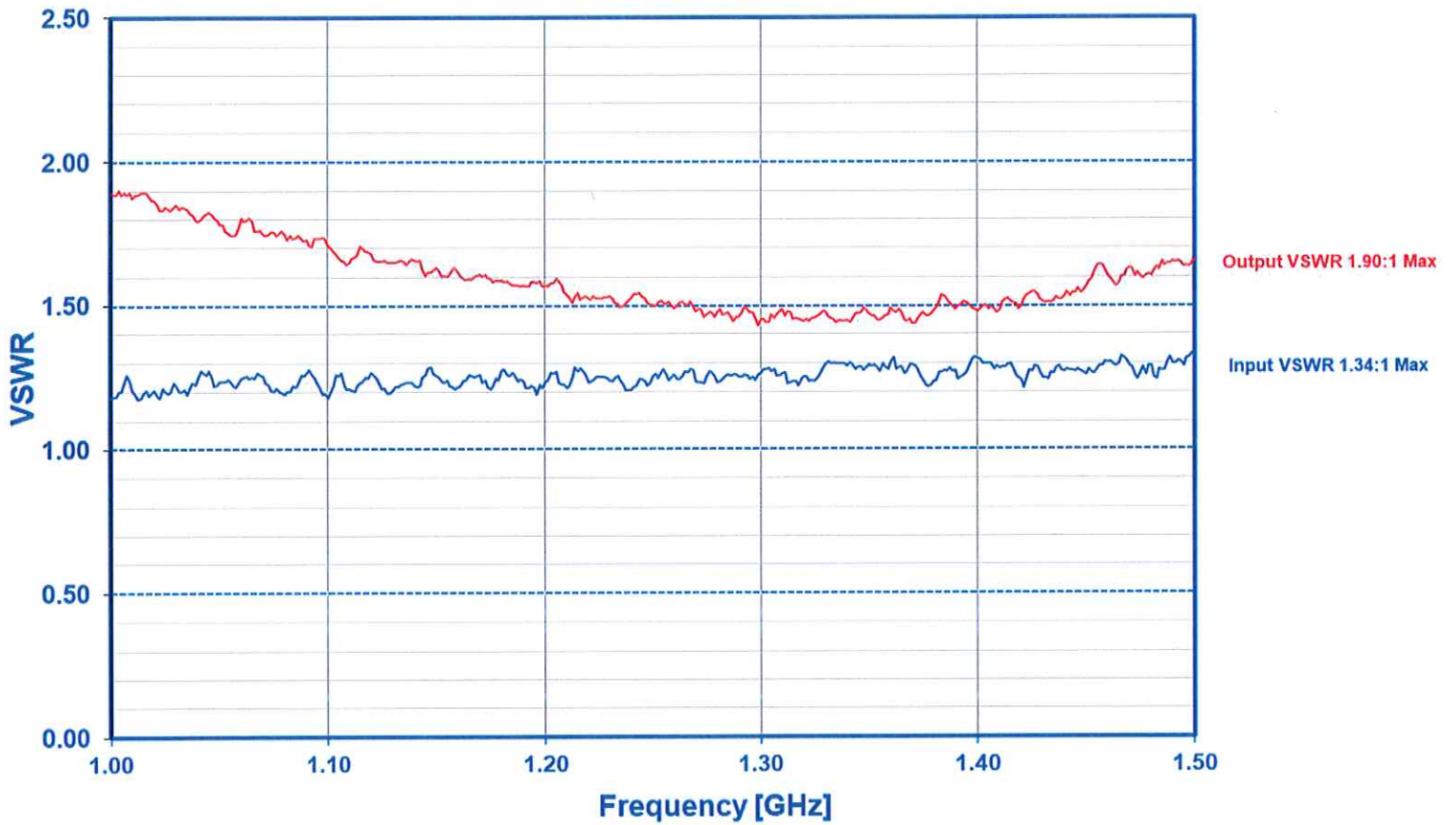






	SIZE <b>A</b>	CAGE CODE <b>71A34</b>	DWG. NO. <b>ETD000027</b>	REVISION <b>A2</b>
	SCALE			SHEET 5 OF 6

### VSWR GRAPH



	SIZE	CAGE CODE	DWG. NO. <b>ETD000027</b>	REVISION A2
	A	71A34		SHEET 6 OF 6
SCALE				