

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		

**POWER AMP ASSY  
GENESIS MICROWAVE GMPA-1002**

	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 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	42.12 dBm	41.80 dBm	42.17 dBm
(P.SAT @ -54°C) 41 dBm min	42.19 dBm	41.91 dBm	42.41 dBm
(P.SAT @ +85°C) 41 dBm min	41.32 dBm	41.26 dBm	41.81 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	

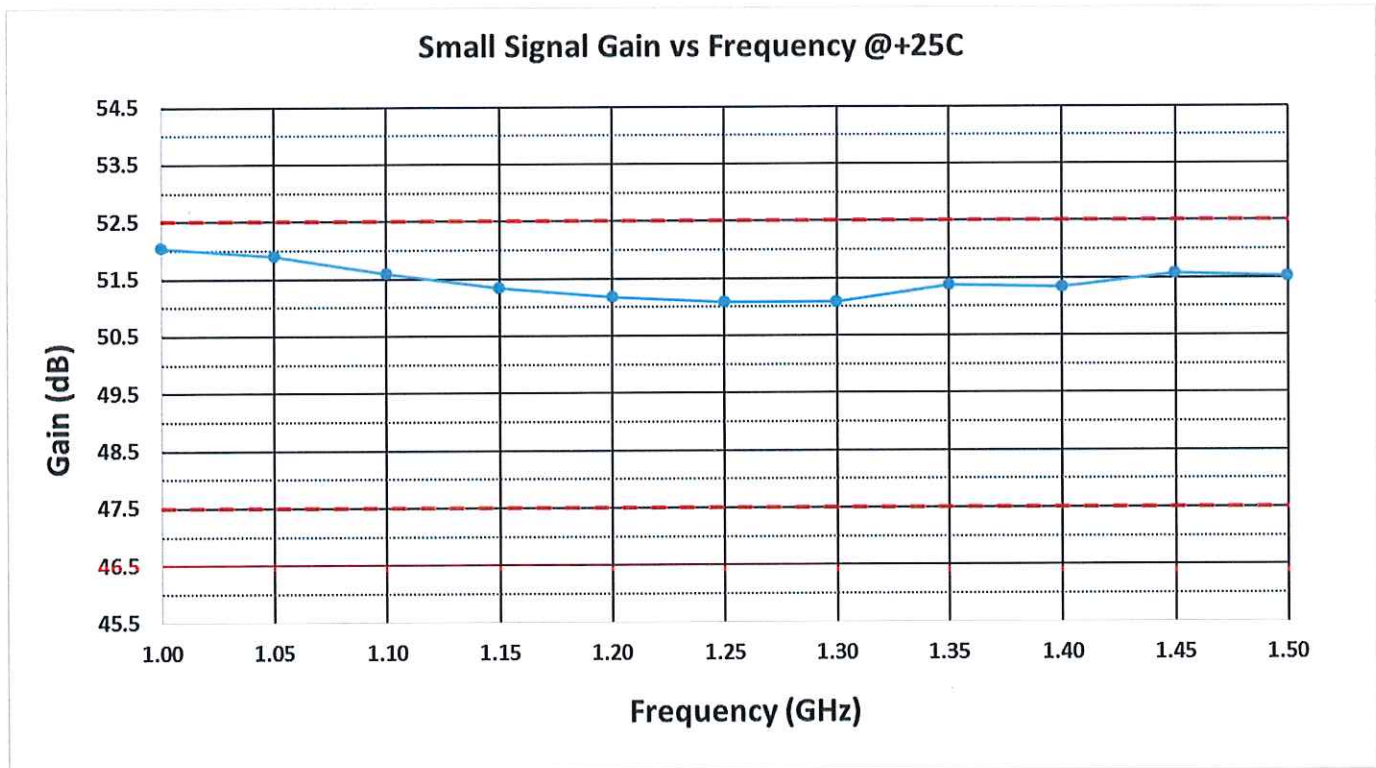
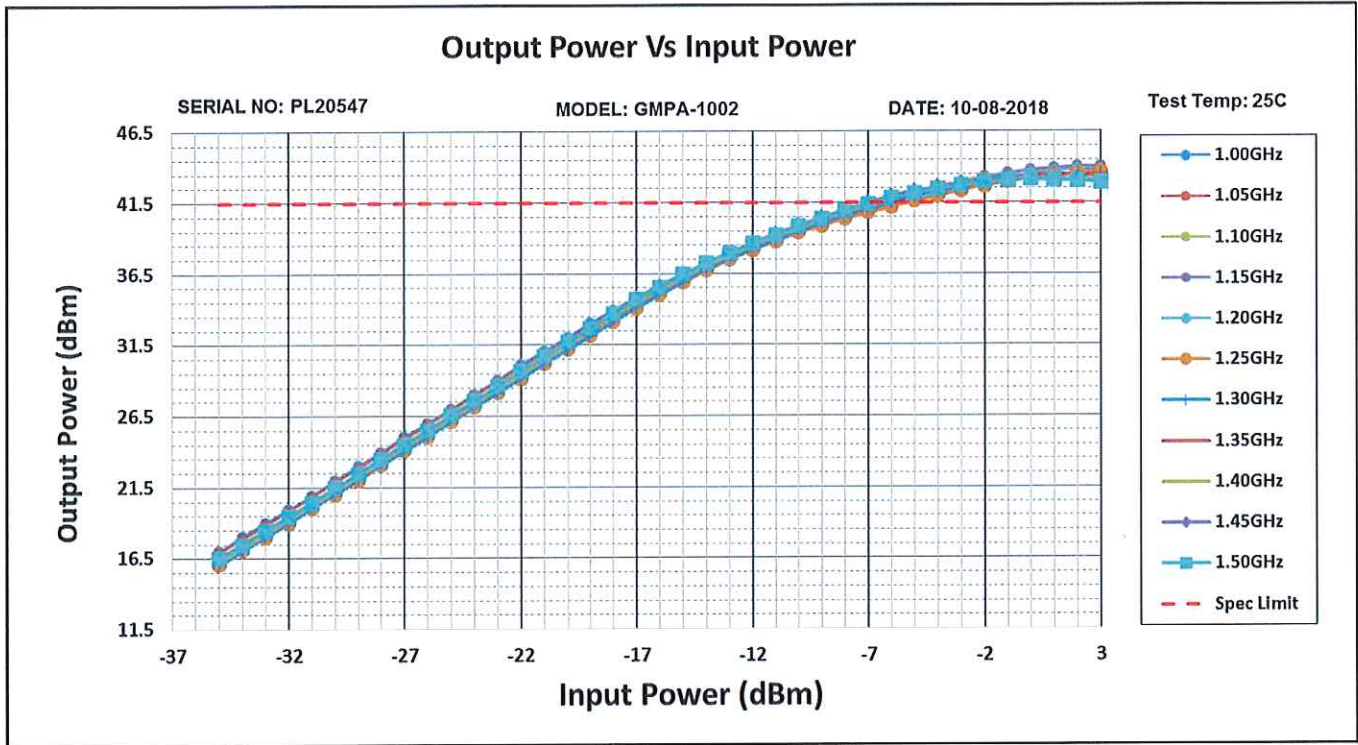
TESTED BY: E.Benson


DATE: 10/08/2018

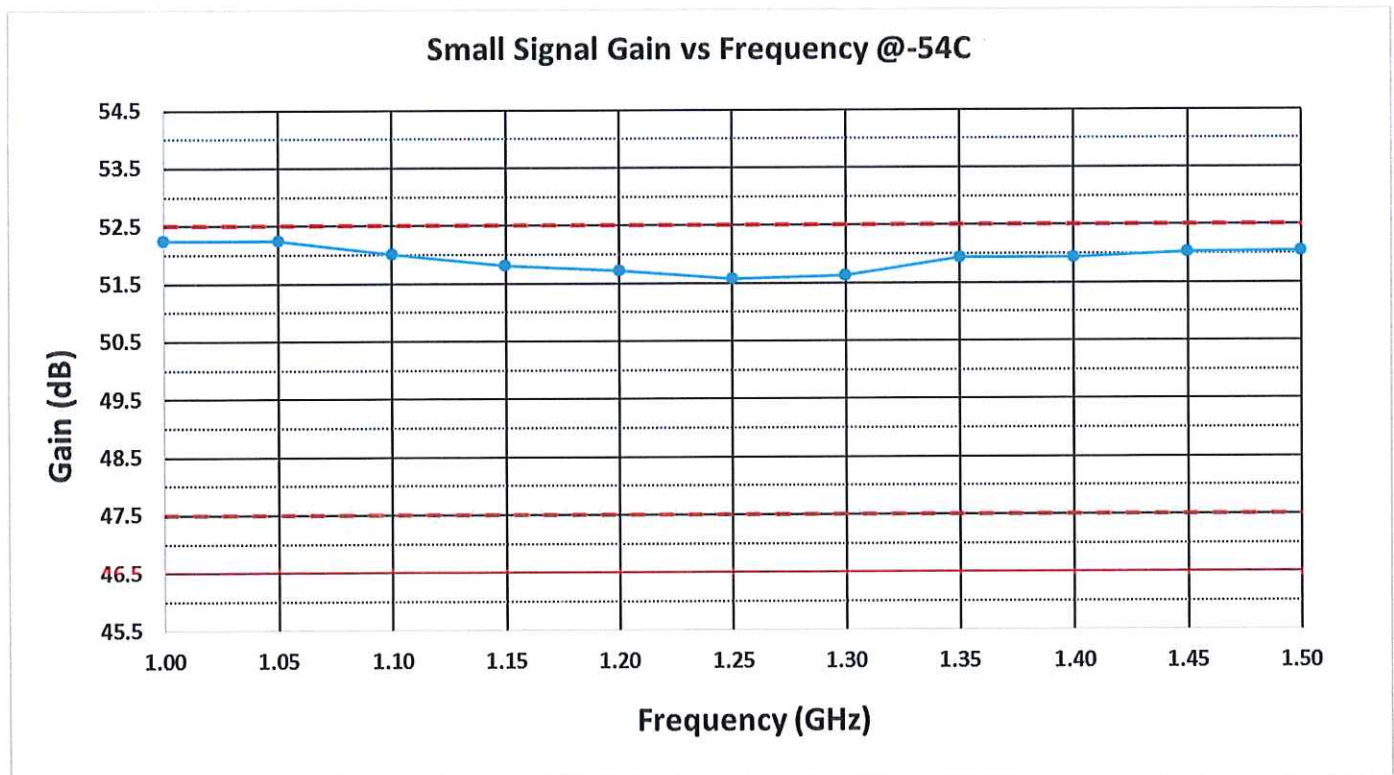
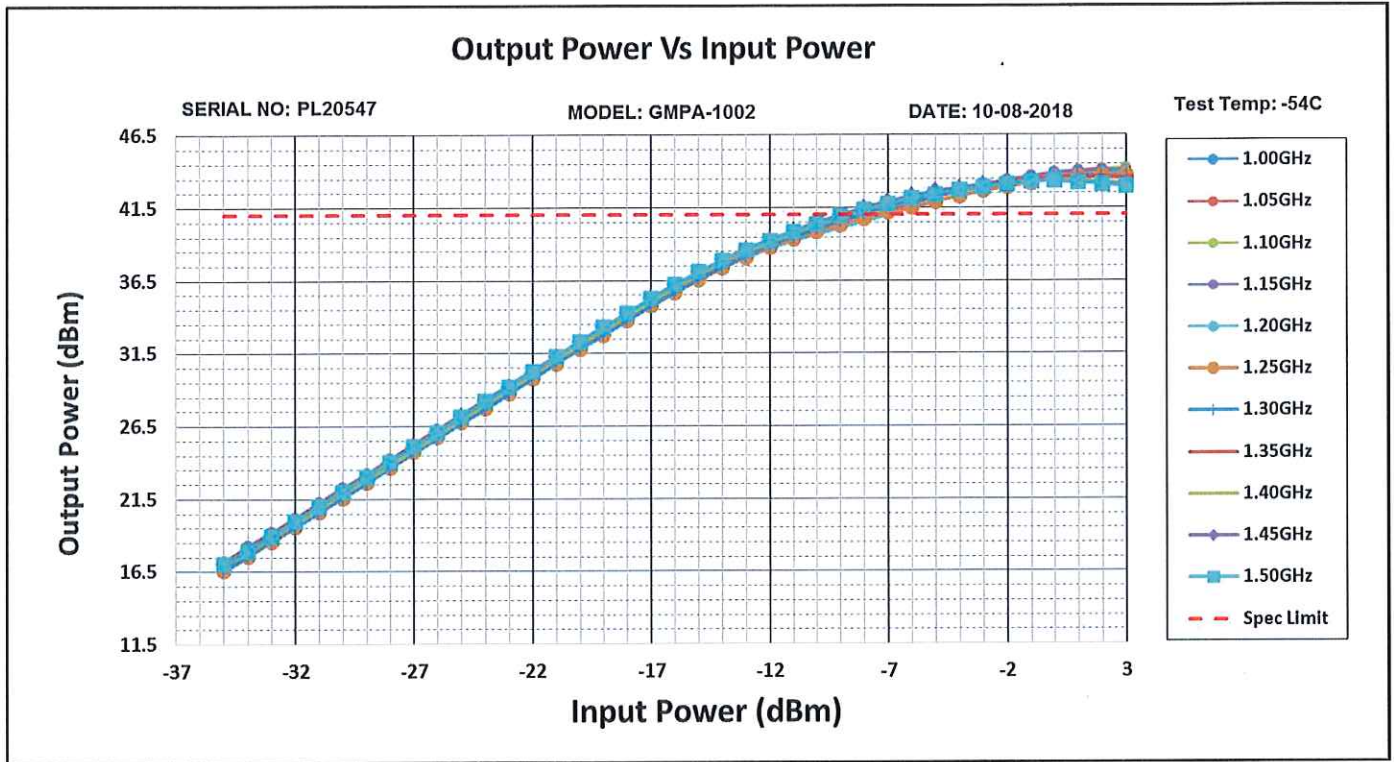
QA BY: *[Signature]*

DATE: 10/10/18

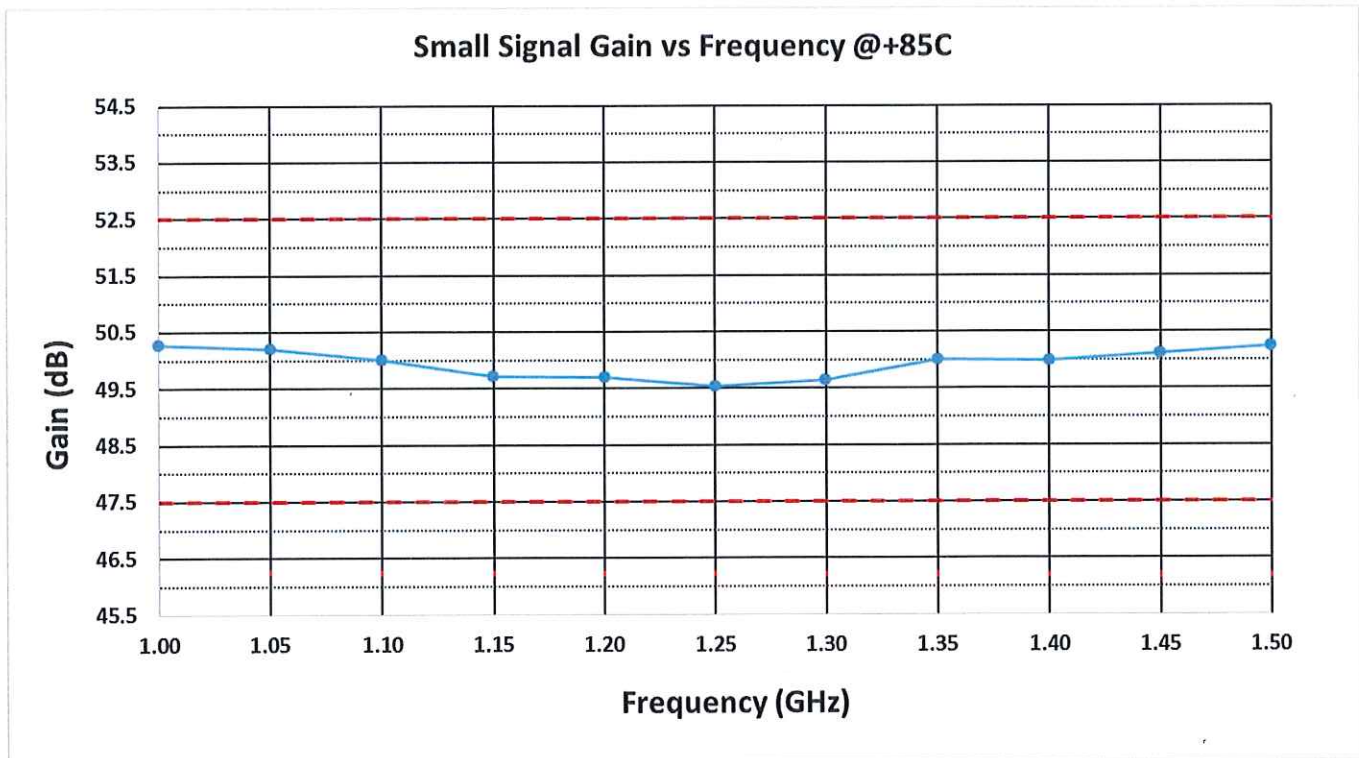
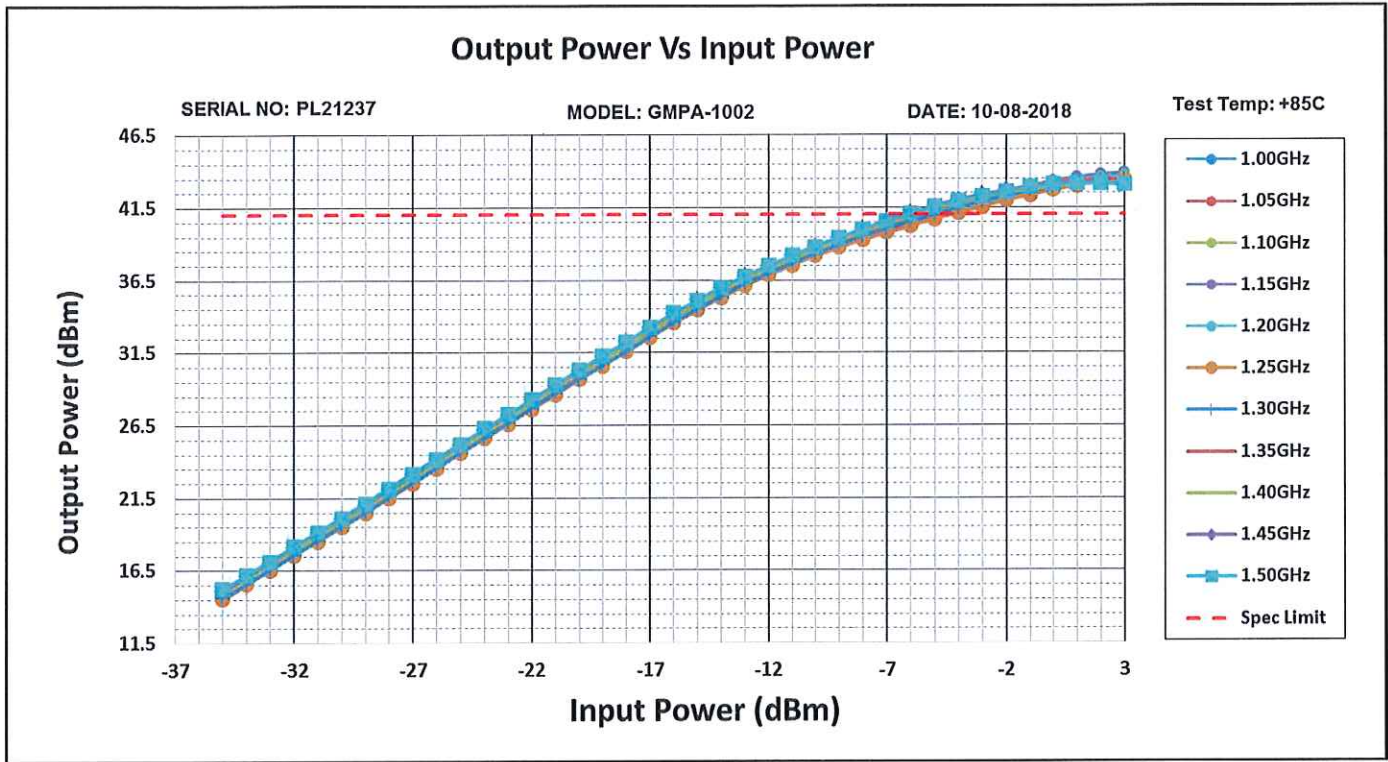
	SIZE <b>A</b>	CAGE CODE <b>71A34</b>	DWG. NO. <b>ETD000027</b>	REVISION <b>A2</b>
	SCALE			SHEET 2 OF 6



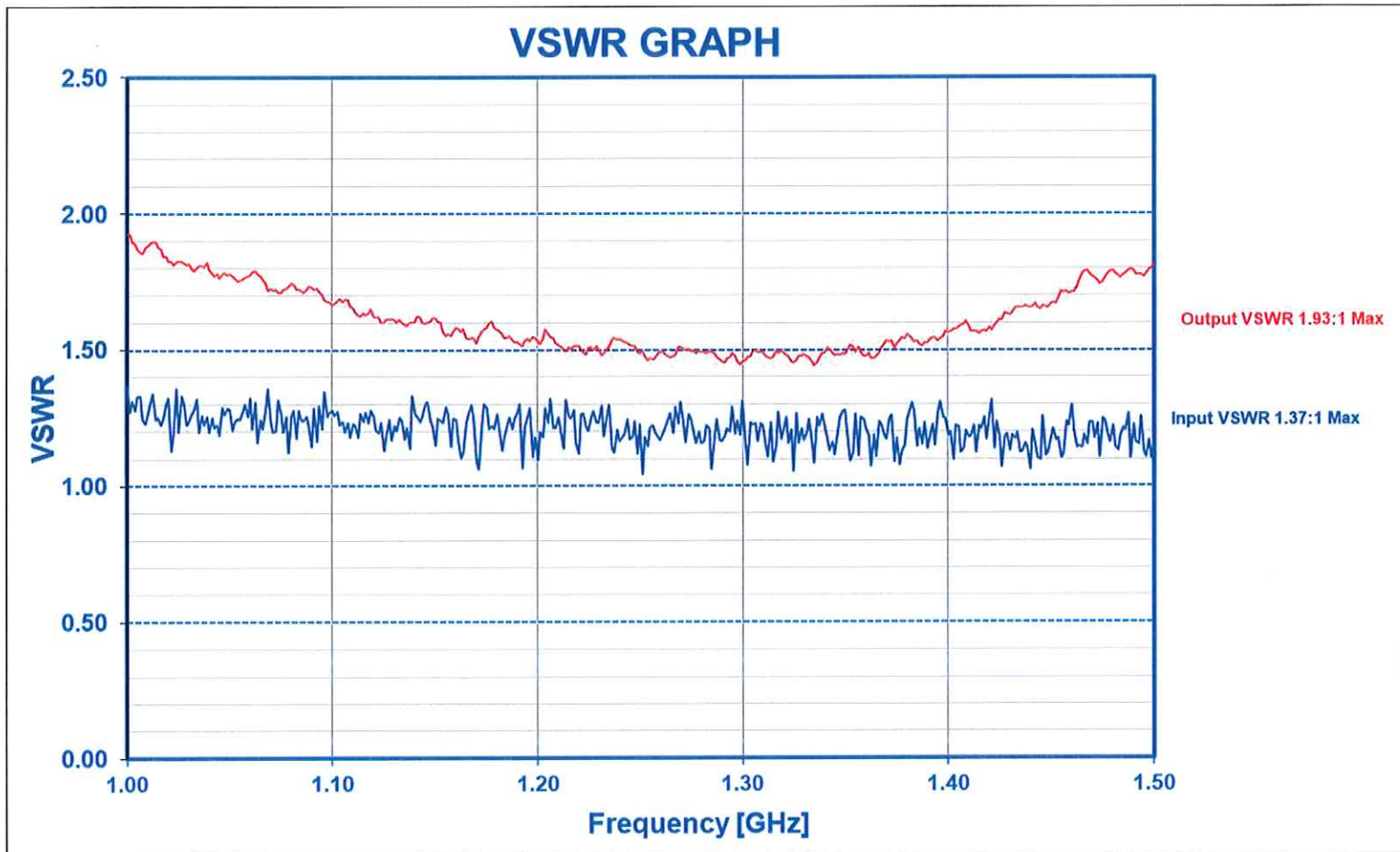
	SIZE <b>A</b>	CAGE CODE <b>71A34</b>	DWG. NO. <b>ETD000027</b>	REVISION <b>A2</b>
	SCALE			SHEET 3 OF 6




	SIZE <b>A</b>	CAGE CODE <b>71A34</b>	DWG. NO. <b>ETD000027</b>	REVISION <b>A2</b>
	SCALE			SHEET 4 OF 6



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



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