


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

		TEST DATA SHEET
CONTRACT NO.		POWER AMP ASSY S/N: PL20369/1702
DRAWN:	CAMERON N 12-11-06	
CHECKED	CAMERON N 12-11-06	
PROJ ENGR	JOHNM 12-11-06	
PROG MGR		
MFG.ENGR		
QA ENGR		
RELIABILITY:		
CUSTOMER		

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

SPECIFICATION		TEST DATA		
FREQUENCY		1.00GHz	1.25GHz	1.50GHz
GAIN: 45dBmin 50dBmax		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	+43.95 dBm	+43.66 dBm	+43.47 dBm
(P.SAT @ -54°C)	41 dBm min	+44.28 dBm	+44.40 dBm	+43.66 dBm
(P.SAT @ +85°C)	41 dBm min	+43.39 dBm	+42.78 dBm	+42.99 dBm
VSWR: 2.0 : 1 max		SEE SWEPT DATA		
VSWR:		INPUT VSWR 1.24:1		
DC POWER: +28Vdc		OUTPUT VSWR 1.91:1		
7AMP TYP, 9A MAX		2.13 AMPS	1.91 AMPS	1.94 AMPS

TESTED BY: E.BENSON

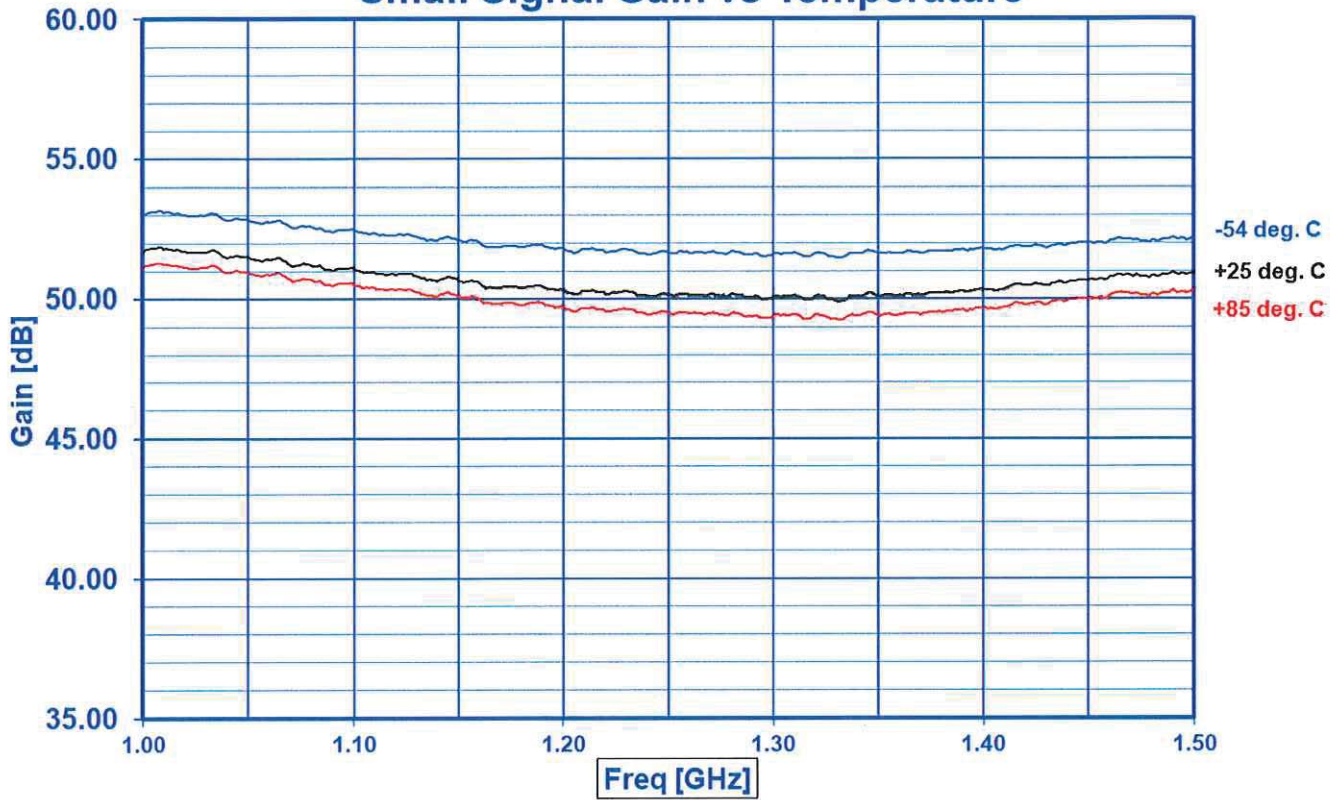
DATE: 02/21/2018

QA BY: 

DATE: 2/21/18

	SIZE	CAGE CODE	DWG. NO. ETD000027	REVISION A1
	A	71A34		SHEET 2 OF 7
SCALE				

Small Signal Gain vs Temperature



SIZE
A

CAGE CODE
71A34

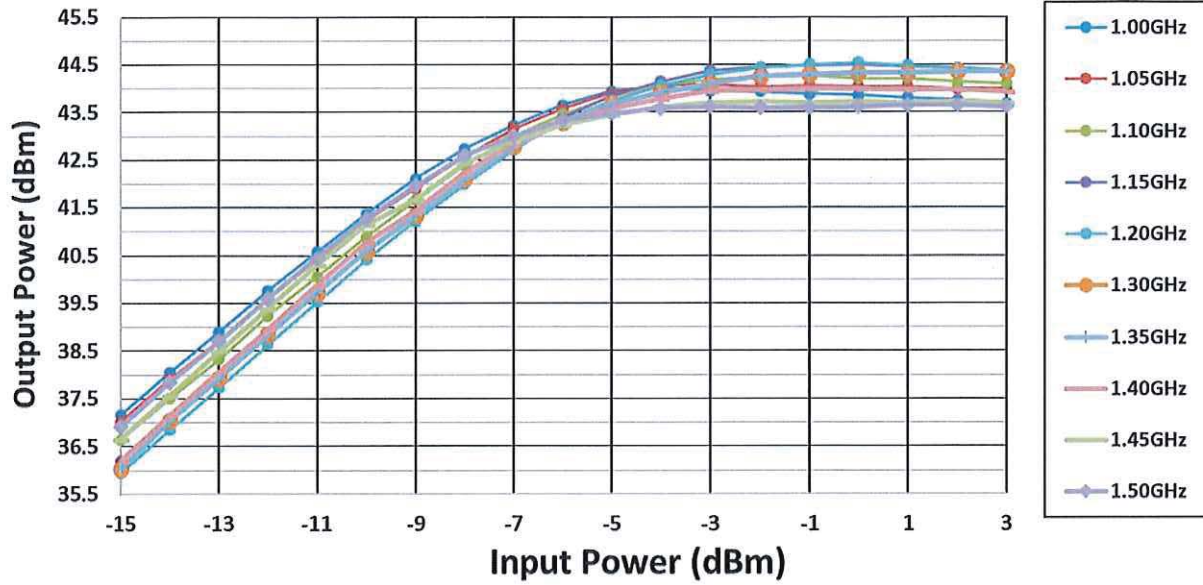
DWG. NO.
ETD000027

REVISION **A1**

SCALE

SHEET 3 OF 7

Output Power Vs Input Power @+25C



SIZE
A

SCALE

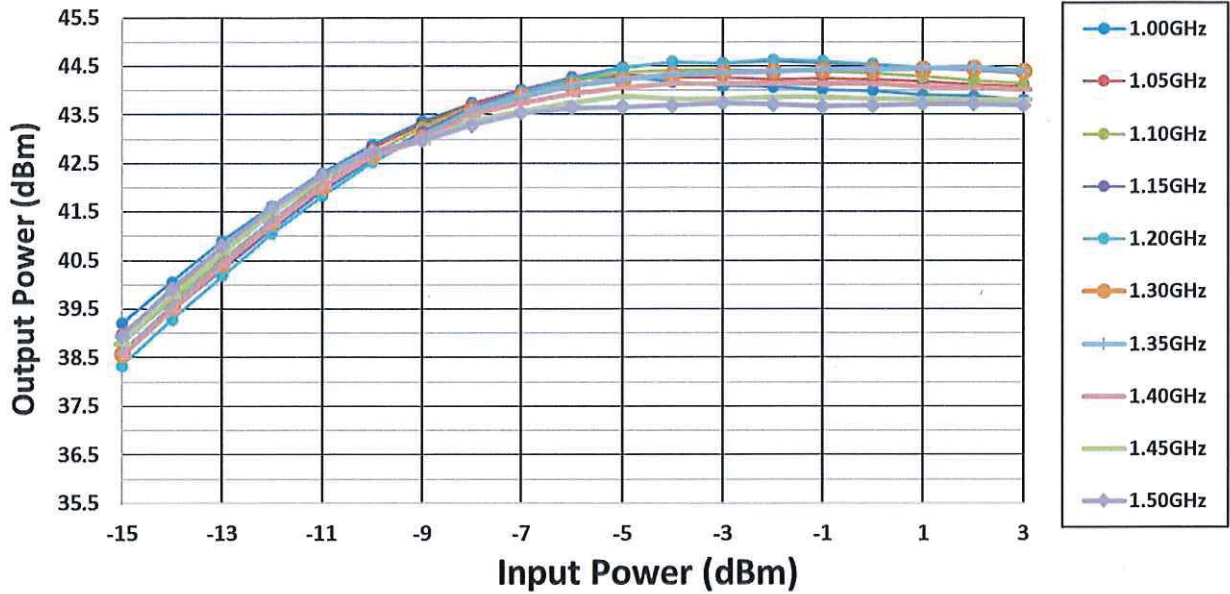
CAGE CODE
71A34

DWG. NO.
ETD000027

REVISION A1

SHEET 4 OF 7

Output Power Vs Input Power @-54C



SIZE
A

CAGE CODE
71A34

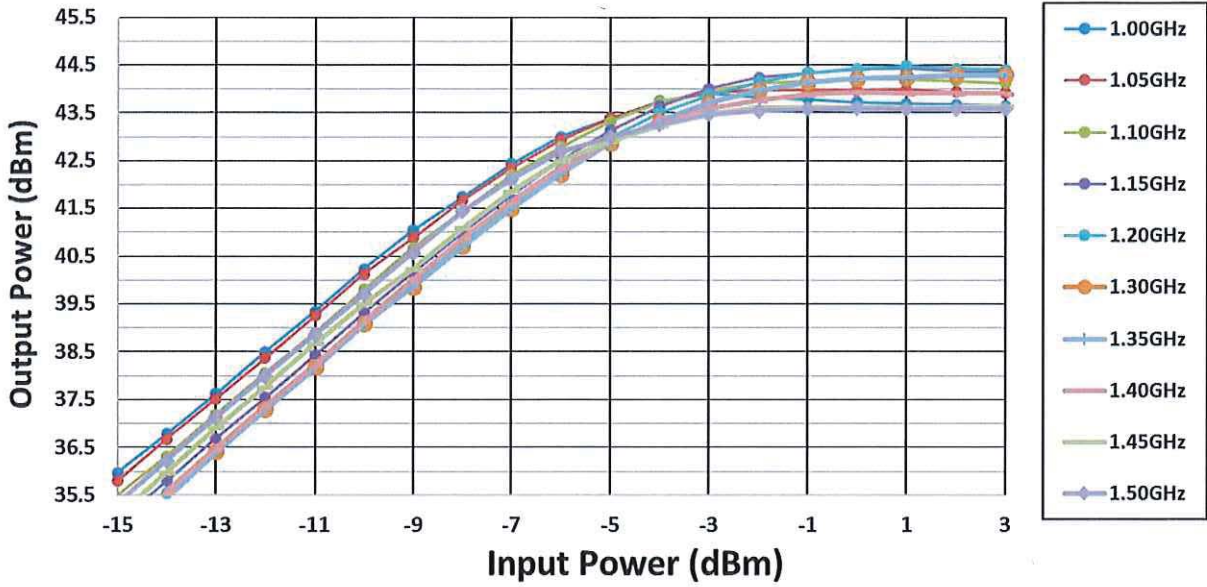
DWG. NO.
ETD000027

REVISION A1

SCALE

SHEET 5 OF 7

Output Power Vs Input Power @+85C



SIZE
A

SCALE

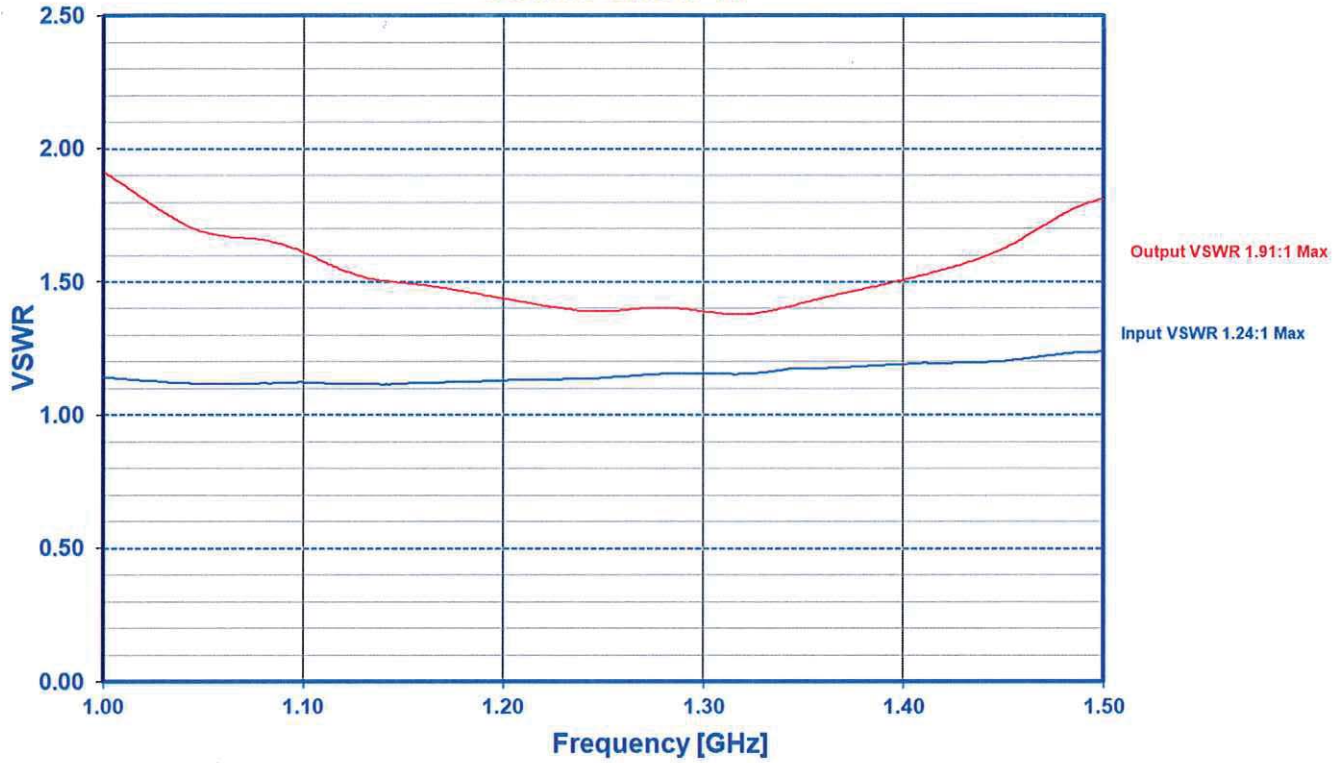
CAGE CODE
71A34

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REVISION A1

SHEET 6 OF 7

VSWR GRAPH



SIZE
A

SCALE

CAGE CODE
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DWG. NO.
ETD000027

REVISION **A1**

SHEET **7** OF **7**