


DASH NO.	APPLICATION		REVISIONS			
	NEXT ASSY	USED ON	REV	DESCRIPTION	DATE	APPROVED
			1	RELEASE PER ECO 100757	1-2-07	JM
			2	REVISE PER ECO 100964	10-23-07	JM
			3	REVISE PER ECO 101093	7-29-13	JM

REVISION	SHT NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20			
STATUS	LETTER	3	3																					
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

PMI CONFIDENTIAL & PROPRIETARY: The information contained herein is the property of PMI. Its use or reproductions is prohibited except as provided for by prior written authorization from PMI	PLANAR MONOLITHICS INDUSTRIES, INC. 4921 ROBERT J. MATHEWS PKWY, EL DORADO HILLS CA 95762 916-542-1401	
	TEST DATA SHEET THRESHOLD DETECTOR GMTA-1002 SN: PL21099	
CONTRACT NO.		
DRAWN: CAMERON N 1-2-07		
CHECKED		
PROJ ENGR JOHN M 1-2-07		
PROG MGR		
MFG.ENGR		
QA ENGR		
RELIABILITY:		
CUSTOMER		

	SIZE A	CAGE CODE 71A34	DWG. NO. ETD000029	REVISION 3
	SCALE			SHEET 1 OF 3

MODEL NO.: GMTA-1002

FREQUENCY: 2 – 18 GHz

SERIAL NO.: PL21099

PARAMETER	SPECIFICATION	MEASUREMENT
THRESHOLD LEVEL	Pin = -18 TO -23 dBm @ 25 ° C	-18 to -23 dBm
RESPONSE TIME @ TTL " I " / TTL " O "	100 μs max	11 μs
INPUT VSWR	2.5 : 1 @ Pin = -10 dBm	2.42 : 1 See Attached Plot
DC POWER SUPPLY NO RF SIGNAL	+12V @ 50 mA	43 mA

THRESHOLD SETTING STABILITY

± 3 dB max OVER FREQUENCY @ TEMPERATURE


FREQ.	2 GHz	4 GHz	6 GHz	8 GHz	10 GHz	12 GHz	14 GHz	16 GHz	18 GHz
Pin @ 25 ° C	19.3	20.9	20.2	19.5	20.3	20.4	19.7	20.9	19.9
Pin @ 0 ° C	19.4	21.0	20.3	19.5	20.5	20.6	19.8	21.0	20.2
Pin @ 85 ° C	19.2	20.6	20.0	19.4	20.0	20.1	19.4	20.6	19.3

TESTED BY: Simon K.

DATE: 06/26/17

QA BY: [Signature]

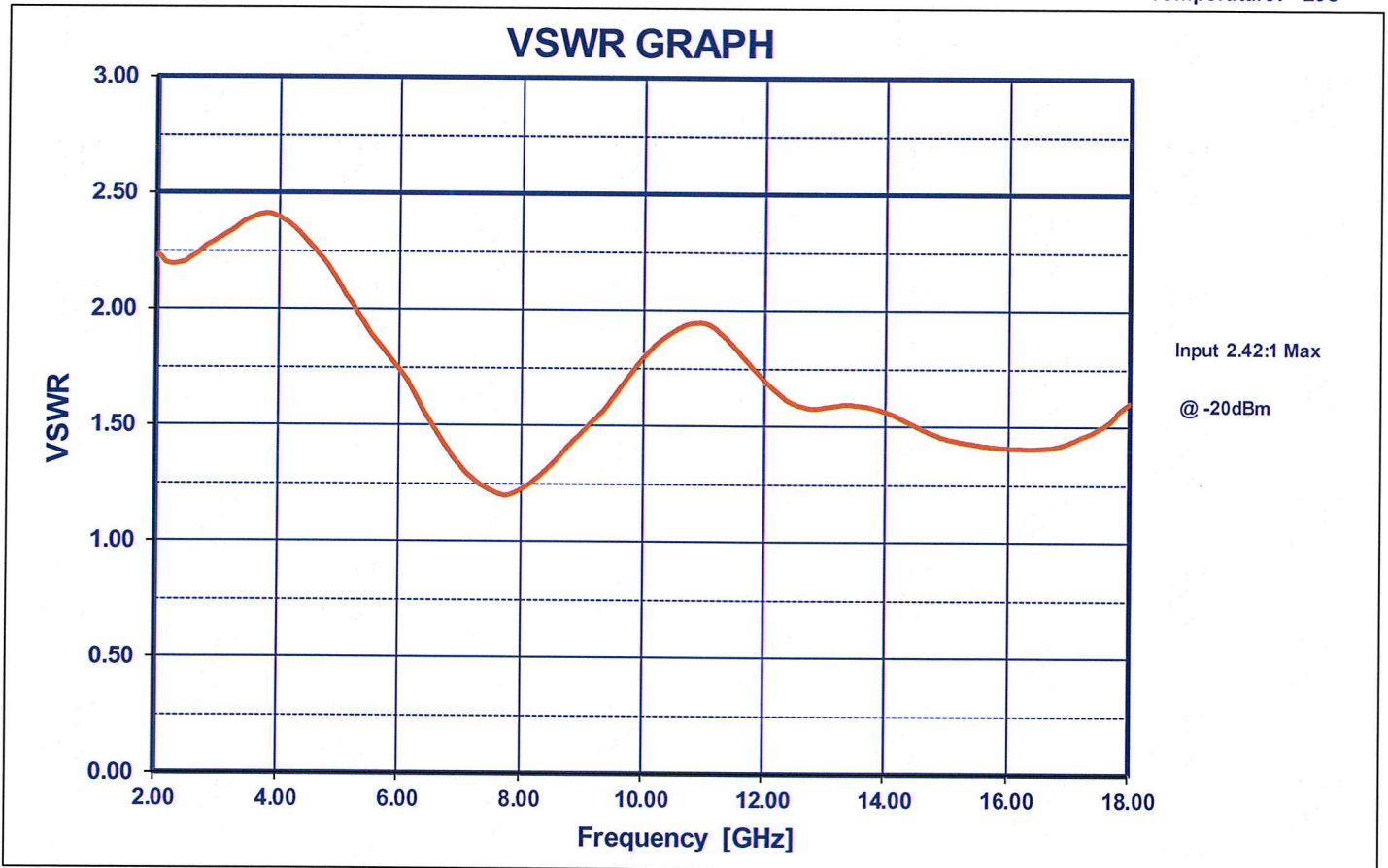
DATE: 6-27-17

	SIZE A	CAGE CODE 71A34	DWG. NO. ETD000029	REVISION 3
	SCALE			SHEET 2 OF 3

INPUT VSWR

Model Number: GMTA-1002
Serial Number: PL21099

Temperature: +25C



SIZE
A

SCALE

CAGE CODE
71A34

DWG. NO.
ETD000029

REVISION **3**

SHEET 3 OF 3