


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

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	TEST DATA SHEET THRESHOLD DETECTOR GMTA-1002 SN: PL21101
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.: PL21101

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	2.36 : 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	19.9	22.2	21.4	19.7	19.8	20.3	19.6	20.2	19.1
Pin @ 0 ° C	20.2	22.5	21.5	19.7	19.8	20.5	19.7	20.3	19.2
Pin @ 85 ° C	19.9	21.9	21.1	19.4	19.4	19.8	19.3	19.9	18.4

TESTED BY: Simon K.

DATE: 06/26/17

QA BY: *[Signature]*

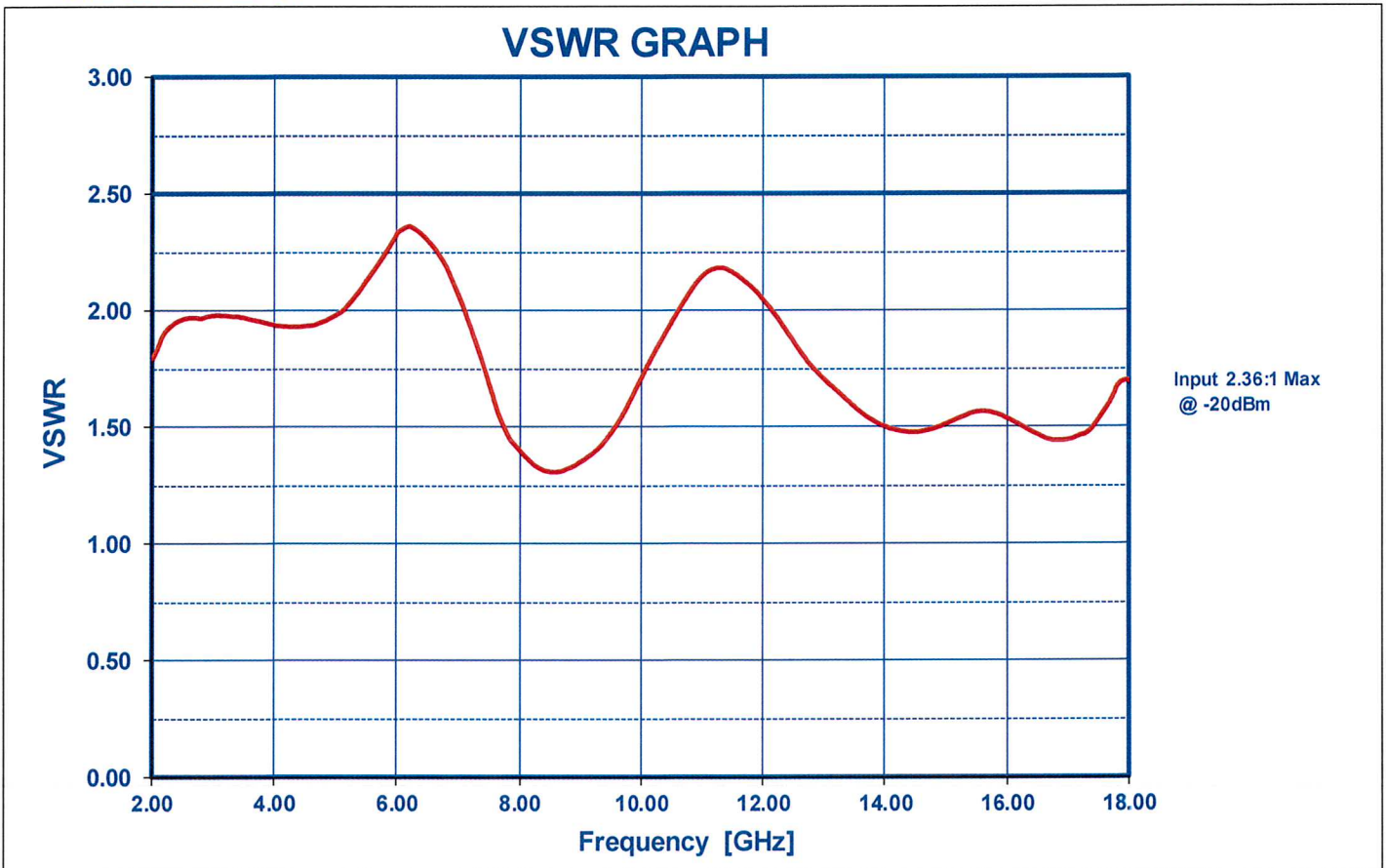
DATE: 6-26-17

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

INPUT VSWR

Model Number: GMTA-1002
Serial Number: PL21101

Temperature: +25C



SIZE
A

CAGE CODE
71A34

SCALE

DWG. NO.
ETD000029

REVISION 3

SHEET 3 OF 3