



**SUMMARY TEST DATA  
ON  
TD-30T-SHS-218**

40017

Customer: \_\_\_\_\_ Tested By: Steve Baughman  
 SO No: \_\_\_\_\_ Temperature: +25°C  
 Model No: TD-30T-SHS-218 Date: 05/30/2014  
 Serial No: 40017 Drawing No: 27609530 Rev: A1  
 Part No: \_\_\_\_\_

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	2 TO 18 GHz	2 TO 18 GHz	<i>JE</i>
2	VSWR:	3.0: 1 Max @ -20dBm	2.57 :1 (See Plot)	
3	Minimum Signal Level for Logic 1:	-20 dBm @ 2.0 GHz	- 20.9 dBm @ 2.0 GHz	
		-17 dBm @ 18.0 GHz	- 21.0 dBm @18.0GHz	
4	Threshold Variation over Frequency (Any 1 GHz Window)	± 0.5 dB	0.40 ± dB	
5	Minimum Signal Level for Logic 0	-25 dBm	-22.5 dBm	
6	Dynamic Range:	+10 dBm Max	+10 dBm	
7	Propagation Delay from 50% of an input of -20 dBm	15 ns Max	See Typical Characteristics	
8	Propagation Delay from 50% of an input of +10 dBm	15 ns Max	See Typical Characteristics	
9	DC Supply:	+15VDC @ 100 mA Max	+15VDC @ 66.2 mA	x
		-15VDC @ 100 mA Max	-15VDC @ 45.0 mA	

QA/QC Approval: *[Signature]* Date: 5/30/14



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V000977052920140017

INPUT VSWR

CH2: B -M S +2.572 SWR  
5.0 dB/ REF 0.00 dB

