




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

40013

Customer: _____	Tested By: <u>Steve Baughman</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>TD-30T-SHS-218</u>	Date: <u>05/30/2014</u>
Serial No: <u>40013</u>	Drawing No: <u>27609530</u> Rev: <u>A1</u>
Part No: _____	

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	2 TO 18 GHz	2 TO 18 GHz	JE
2	VSWR:	3.0: 1 Max @ -20dBm	2.51 :1 (See Plot)	
3	Minimum Signal Level for Logic 1:	-20 dBm @ 2.0 GHz -17 dBm @ 18.0 GHz	-20.9 dBm @ 2.0 GHz -21.5 dBm @ 18.0 GHz	
4	Threshold Variation over Frequency (Any 1 GHz Window)	± 0.5 dB	±0.40 dB	
5	Minimum Signal Level for Logic 0	-25 dBm	-22.2 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 @ 100 mA Max	+15VDC @ 65.8 mA -15VDC @ 44.4 mA	↓

QA/QC Approval:  Date: 5/30/14



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V000977052920140013

INPUT VSWR

CH2: B -M S +2.510 SWR
5.0 dB/ REF .00 dB

