



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

**40016**

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>40016</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	<i>JE</i>
2	VSWR:	3.0: 1 Max @ -20dBm	2.79 :1 (See Plot)	
3	Minimum Signal Level for Logic 1:	-20 dBm @ 2.0 GHz	- 20.2 dBm @ 2.0 GHz	
		-17 dBm @ 18.0 GHz	-18.1 dBm @ 18.0 GHz	
4	Threshold Variation over Frequency (Any 1 GHz Window)	± 0.5 dB	± 0.45 dB	
5	Minimum Signal Level for Logic 0	-25 dBm	-21 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 @ 66.9 mA	↓
		-15VDC @ 100 mA Max	-15VDC @ 45.4 mA	

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



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TD-30T-SHS-218

V000977052920140016

INPUT VSWR

CH2:	B	-M	S	+2.787	SWR
	5.0	dB/	REF	0.00	dB

