



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

40015

Customer: _____ Tested By: Steve Baughman
SO No: _____ Temperature: +25°C
Model No: TD-30T-SHS-218 Date: 05/30/2014
Serial No: 40015 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	2.39 :1 (See Plot)	
3	Minimum Signal Level for Logic 1:	-20 dBm @ 2.0 GHz	-21.5 dBm @ 2.0 GHz	
		-17 dBm @ 18.0 GHz	-20.5 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	-22.5 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 @ 65.6 mA	↓
		-15VDC @ 100 mA Max	-15VDC @ 44.2 mA	

QA/QC Approval: _____

Date: _____

5/30/14



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V000977052920140015

INPUT VSWR

CH2: B --M S +2.390 SWR
5.0 dB/ REF .00 dB

