


Customer: _____ Tested By: Mohammad Sharif
 SO No: _____ Temperature: +25C
 Model No: TD-30T-SHS-218-30DBAMP-OPT100M4G Date: 8/25/2025
 Serial No: PL55021/2534 Drawing No: 27648340 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	0.1 TO 4.0 GHz	0.1 TO 4.0 GHz	PMI QA2
2	Minimum Signal Level for Threshold Detector to Respond	-45 dBm, ±2.5 dBm	-47 to -43 dBm See Plot	
3	Absolute Max RF Input Power	+18 dBm	+18 dBm	
4	Propagation Delay: (from 50% of an input of -45 dBm)	10 ns Typ. 20 ns Max.	See Typical Characteristics	
5	Propagation Delay: (from 50% RF Input to 50% Logic when Input to -20 dBm)	10 ns Typ. 20 ns Max.	See Typical Characteristics	
6	DC Supply:	+12 VDC @ 250 mA Max. -12 VDC @ 120 mA Max.	+12 VDC @ 165 mA -12 VDC @ 49 mA	

QA/QC Approval:   PMI QA2 Date: 8/27/2025

