

SUMMARY TEST DATA FOR P1T-500M18G-80-R-SFF-SW21841A-515

Customer: _____
 SO No: _____
 Model No: P1T-500M18G-80-R-SFF-SW21841A-515
 Serial No: PL56014/2543

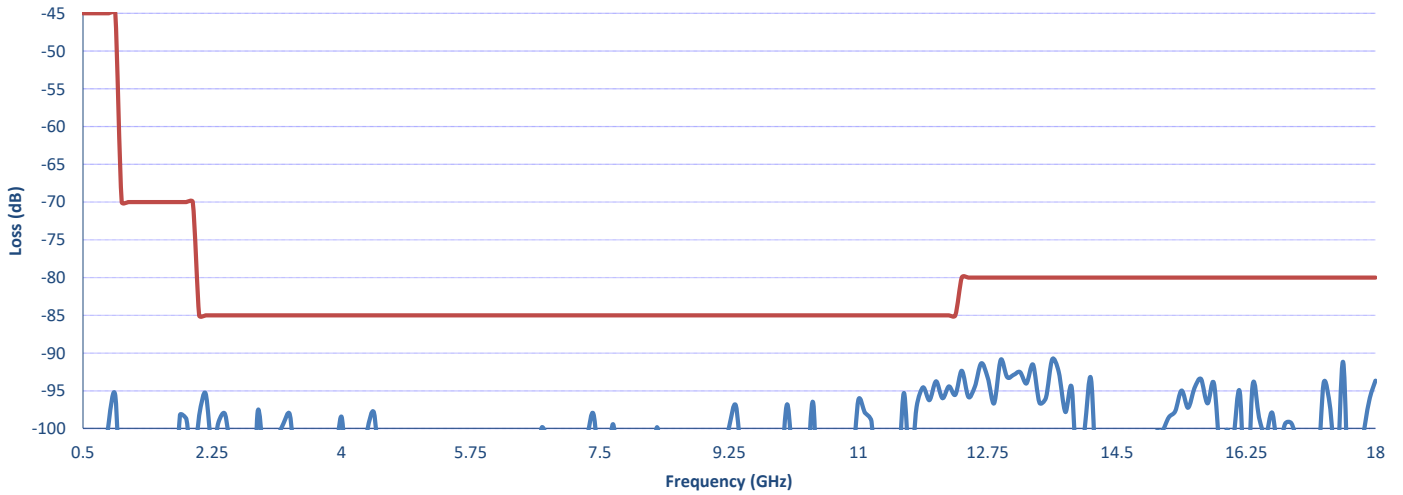
Tested By: K. Wagaman
 Temperature: +25°C
 Date: 10/23/2025
 Drawing No: 27652160 Rev: A1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	0.5 to 18.0 GHz	0.5 to 18.0 GHz		
2	Insertion Loss:	1.0 dB Max. (0.5 to 2.0 GHz) 1.2 dB Max. (2.0 to 4.0 GHz) 1.5 dB Max. (4.0 to 8.0 GHz) 2.0 dB Max. (8.0 to 12.4 GHz) 2.5 dB Max. (12.4 to 18.0 GHz)	0.7 dB (0.5 to 2.0 GHz) 1.1 dB (2.0 to 4.0 GHz) 1.2 dB (4.0 to 8.0 GHz) 1.7 dB (8.0 to 12.4 GHz) 2.1 dB (12.4 to 18.0 GHz) See Plot		
3	Isolation:	80 dB Min.	91 dB See Plot		
4	VSWR : "On Position"	1.4:1 Max. (0.5 to 4.0 GHz) 1.6:1 Max. (4.0 to 8.0 GHz) 1.9:1 Max. (8.0 to 18.0 GHz)	1.23:1 (0.5 to 4.0 GHz) 1.32:1 (4.0 to 8.0 GHz) 1.56:1 (8.0 to 18.0 GHz) See Plot		
5	Input Power:	2W Average 10W Peak @ 1 μsec PW	See Typical Characteristics		
6	Rise / Fall Time: (10% to 90% RF & 90% to 10% RF)	2 ns Max.	See Typical Characteristics		
7	Delay: On / Off (50% to 10% / 90% RF)	20 ns Max.	See Typical Characteristics		
8	DC Supply:	+5 VDC @ 100 mA MAX -15 VDC @ 45 mA MAX	+5 VDC @ 47 mA -15 VDC @ 32 mA		
9	Control Signal:	TTL COMPATIBLE	0: Isolation 1: Insertion Loss		
		0			"ISOLATION"
		1			"INSERTION LOSS"

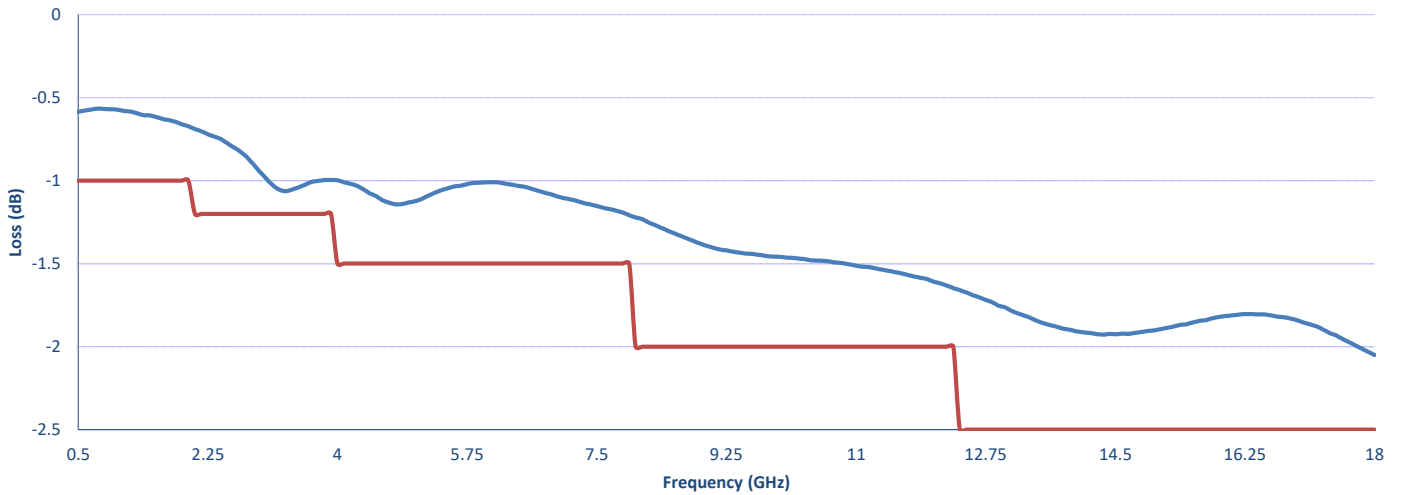
QA/QC Approval: _____

Date: _____

Isolation



Insertion Loss



VSWR

