



SUMMARY TEST DATA ON DD-10M18G-ZBS-SMF-ROHS

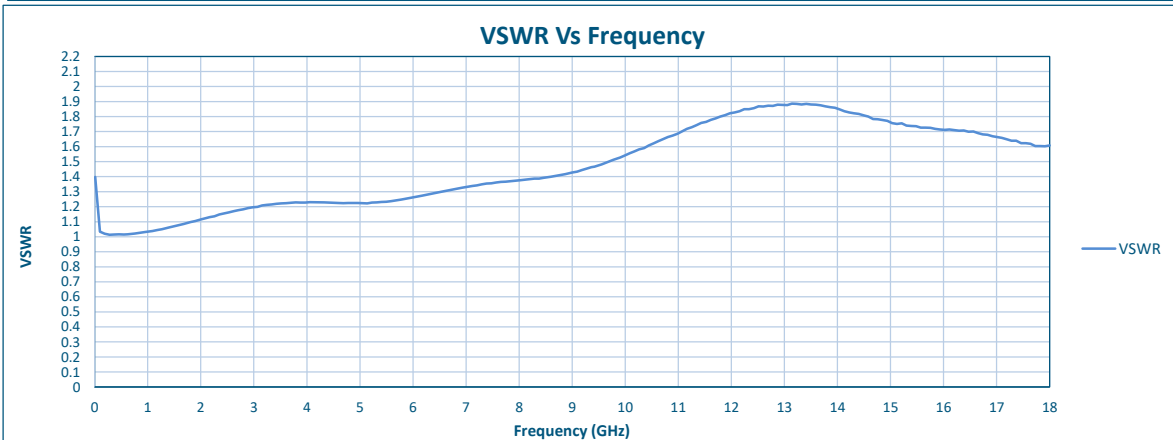
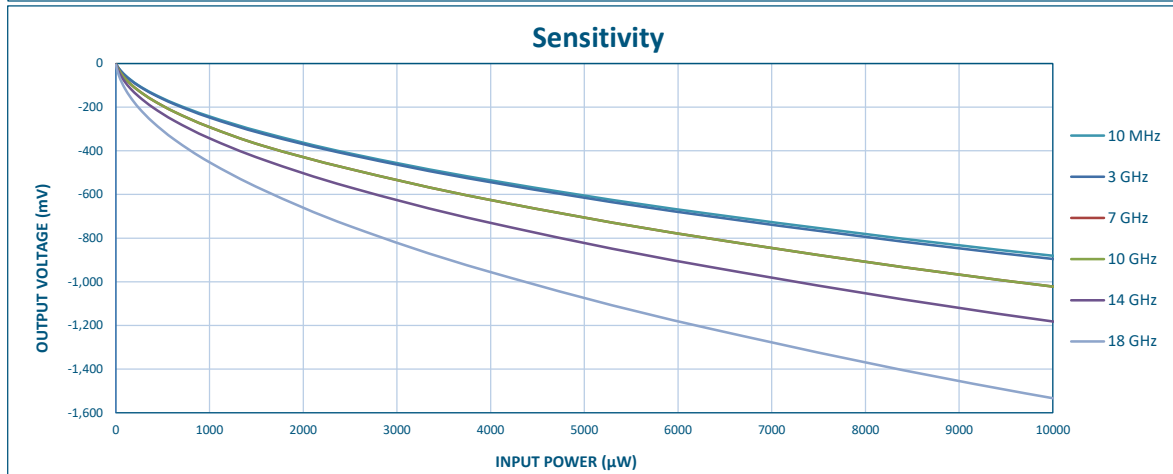
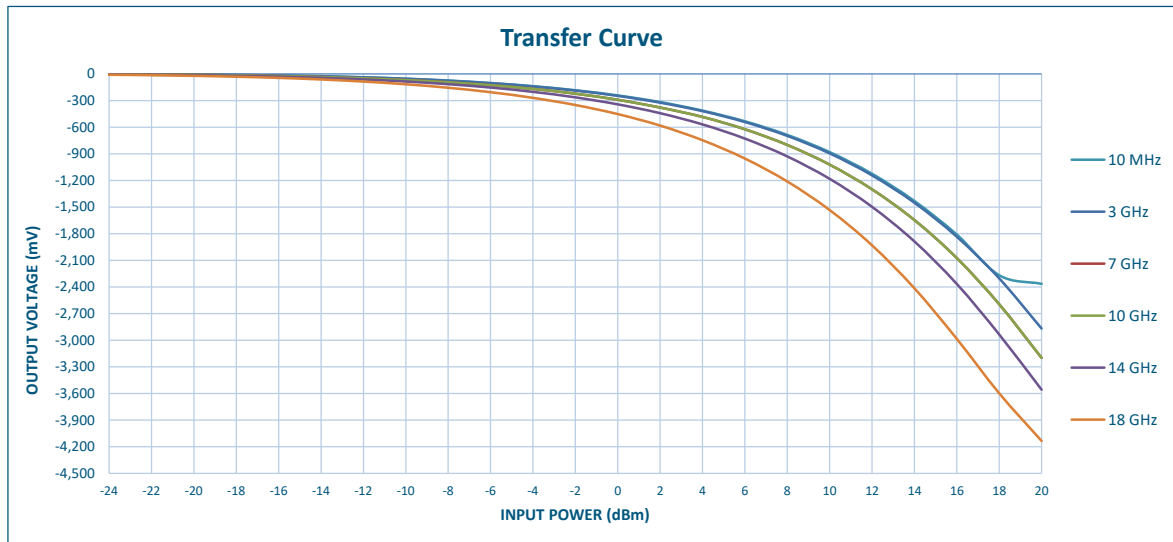
Customer: _____
SO No: _____
Model No: **DD-10M18G-ZBS-SMF-ROHS**
Serial No: **DEMO - PMI**

Tested By: **Alfredo Lopez**
Temperature: **+25°C**
Date: **3/7/2025**
Drawing No: **26937080** Rev: **A1**

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Operating Frequency:	10 MHz to 18 GHz	10 MHz to 18 GHz	
2	Input VSWR:	1.5:1 Typ , 2.0:1 Max	1.89 :1 See Graph	
3	Polarity	NEGATIVE	NEGATIVE	
4	Flatness	±1 dB Typ	3.09 dB (-10 to +14 dbm Range)	
5	Sensitivity	0.5 ± 0.05 mV/μW Typ	0.05 mV/μW See Graph	
6	Maximum Input Power:	100 mW (+20 dBm)	Pass See Graph	
7	Capacitance	30 pf	Pass	

QA/QC Approval: _____

Date: _____



SUMMARY TEST DATA ON DD-10M18G-ZBS-SMF-ROHS

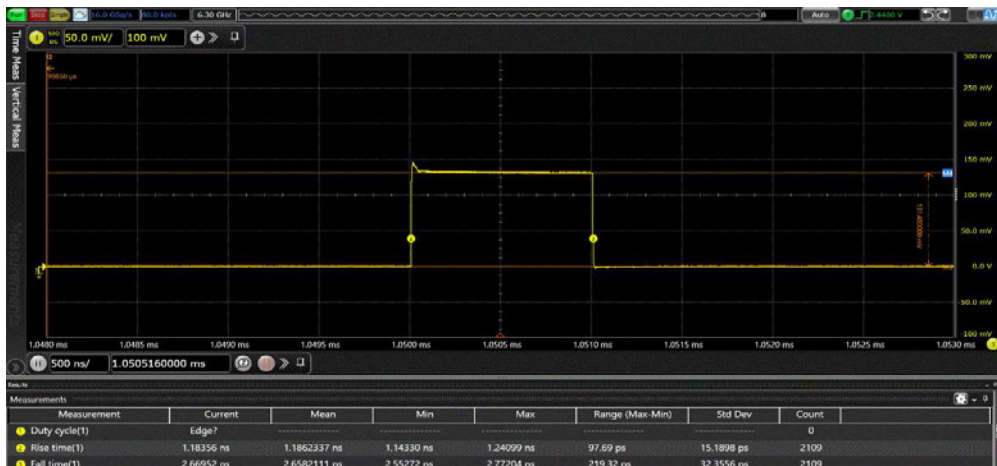
Input Power +5dBm
1μs PW, 10% Duty Cycle

Rise time - 1.2 ns
Fall Time - 2.53 ns



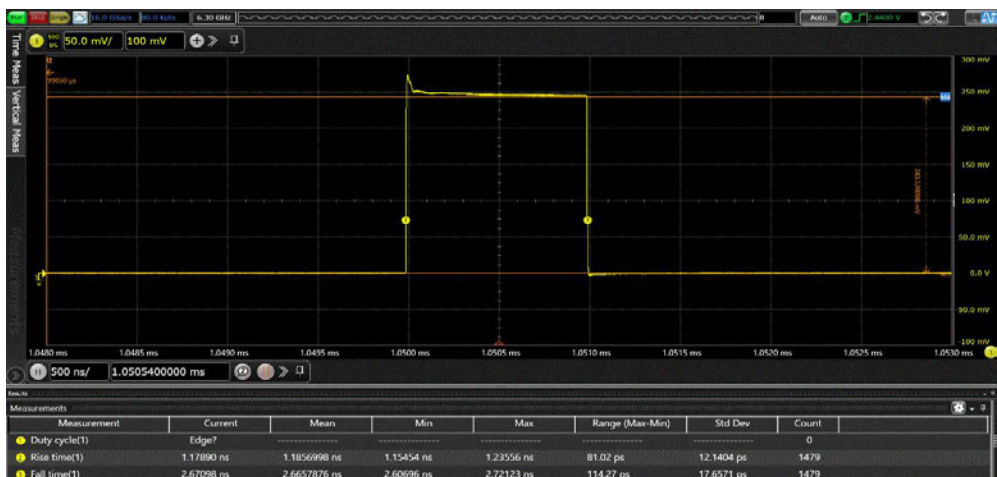
Input Power +10dBm
1μs PW, 10% Duty Cycle

Rise time - 1.18 ns
Fall Time - 2.66 ns



Input Power +15dBm
1μs PW, 10% Duty Cycle

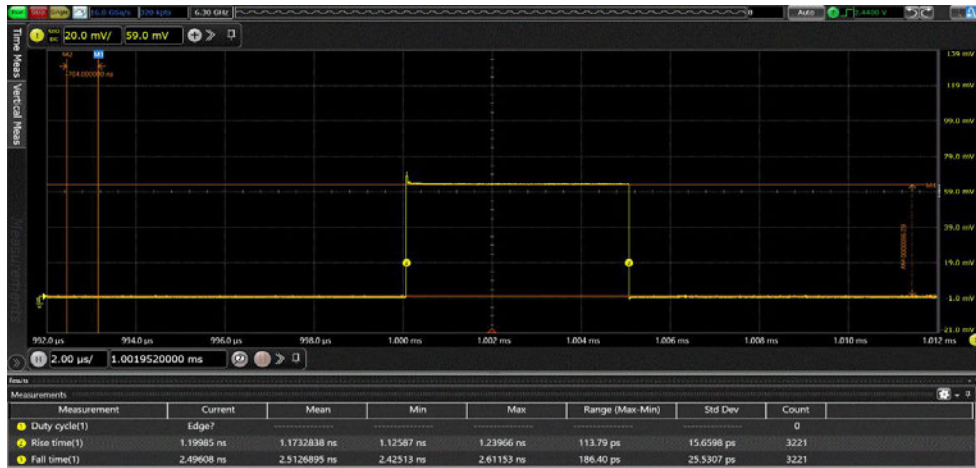
Rise time - 1.18 ns
Fall Time - 2.67 ns



SUMMARY TEST DATA ON DD-10M18G-ZBS-SMF-ROHS

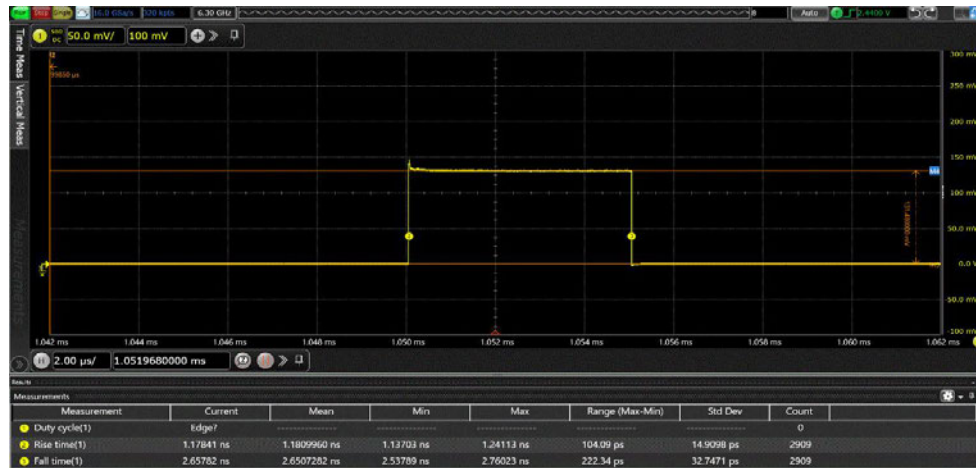
Input Power +5dBm
5µs PW, 10% Duty Cycle

Rise time - 1.2 ns
Fall Time - 2.49 ns



Input Power +10dBm
5µs PW, 10% Duty Cycle

Rise time - 1.18 ns
Fall Time - 2.66 ns



Input Power +15dBm
5µs PW, 10% Duty Cycle

Rise time - 1.16 ns
Fall Time - 2.67 ns



SUMMARY TEST DATA ON DD-10M18G-ZBS-SMF-ROHS

Input Power +5dBm
10 μ s PW, 10% Duty Cycle

Rise time - 1.18 ns
Fall Time - 2.55 ns



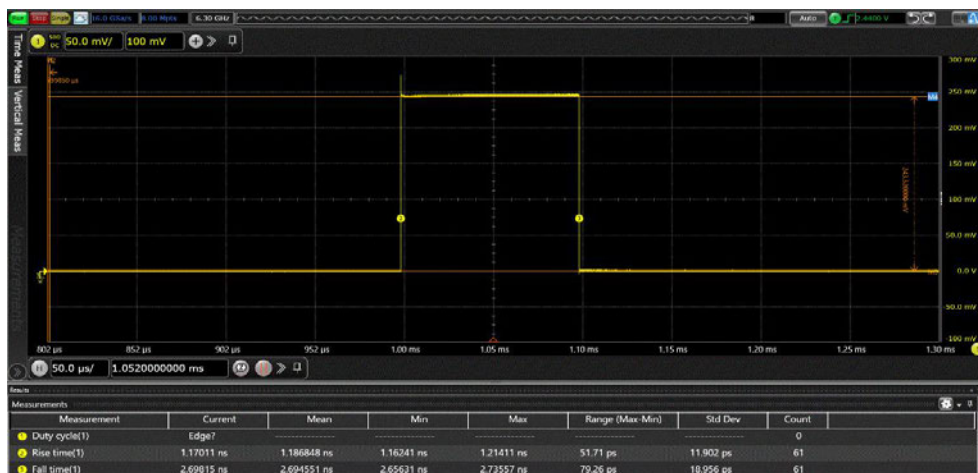
Input Power +10dBm
100 μ s PW, 10% Duty Cycle

Rise time - 1.19 ns
Fall Time - 2.69 ns



Input Power +15dBm
100 μ s PW, 10% Duty Cycle

Rise time - 1.17 ns
Fall Time - 2.7 ns



SUMMARY TEST DATA ON DD-10M18G-ZBS-SMF-ROHS

Input Power +5dBm
100ns PW, 10% Duty Cycle

Rise time - 1.18 ns
Fall Time - 2.54 ns



Input Power +10dBm
100ns PW, 10% Duty Cycle

Rise time - 1.18 ns
Fall Time - 2.73 ns



Input Power +15dBm
100ns PW, 10% Duty Cycle

Rise time - 1.19 ns
Fall Time - 2.7 ns



SUMMARY TEST DATA ON DD-10M18G-ZBS-SMF-ROHS

Input Power +5dBm
300ns PW, 10% Duty Cycle

Rise time - 1.16 ns
Fall Time - 2.51 ns



Input Power +10dBm
300ns PW, 10% Duty Cycle

Rise time - 1.19 ns
Fall Time - 2.69 ns



Input Power +15dBm
300ns PW, 10% Duty Cycle

Rise time - 1.19 ns
Fall Time - 2.71 ns



SUMMARY TEST DATA ON DD-10M18G-ZBS-SMF-ROHS

Input Power +5dBm
500ns PW, 10% Duty Cycle

Rise time - 1.2 ns
Fall Time - 2.52 ns



Input Power +10dBm
500ns PW, 10% Duty Cycle

Rise time - 1.21 ns
Fall Time - 2.70 ns



Input Power +15dBm
500ns PW, 10% Duty Cycle

Rise time - 1.20 ns
Fall Time - 2.69 ns

