



Test Equipment:			Humidity	70%	Temperature:	21°C
ID	Product Number		Description		Manufacturer	
1	TDS8200+80E04		TDR with TDR and TDT module		Tektronix	
2	N5230A 300k~20GHz		ENA		Agilent	
Device Under Test(DUT) Information:						
Vendor		ICT	Customer:			
Part number:		TF-1P11-0009	Date:		19-Aug-08	
DUT Description:		SATA Plug Gen 2 Test Fixture				

Test Report

Mated Connector Impedance @70ps Rise time filter (20-80%)

Conn no.	Pair Num	Result	Spec Max	Spec Min	Max value	Min Value	△Value	Unit
SMA	1	Pass	105	95	104.10	98.79	5.31	Ohms
	2	Pass	105	95	102.64	98.20	4.44	Ohms
SATA	1	Pass	110	90	103.76	90.99	12.77	Ohms
	2	Pass	110	90	101.10	91.07	10.03	Ohms

Intra Pair Skew

Conn no.	Pair Num	Result	Spec Max	Value	Unit
P1	1	Pass	2	0.8	ps
	2	Pass	2	0	ps

Cross Talk

Conn no.	frequency	Result	Spec Max	Value	Unit
P1	10M~6G	Pass	-26	-31.04	dB

Note: a. Pair Num is from Connector P1 unless specified.

Approved:

Checked: Steven

Tested: Alan