



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-1R11-0032	Date:	8-Aug-08	
DUT Description:		SATA Receptacle 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	101.25	100.45	0.80	Ohms
	2	Pass	105	95	101.04	99.46	1.58	Ohms
SATA	1	Pass	110	90	103.56	95.85	7.71	Ohms
	2	Pass	110	90	101.81	95.76	6.05	Ohms

Intra Pair Skew

Conn no.	Pair Num	Result	Spec Max	Value	Unit
P1	1	Pass	2	0.4	ps
	2	Pass	2	1.4	ps

Cross talk

Conn no.	frequency	Result	Spec Max	Value	Unit
P1	10M~6G	Pass	-26	-42.43	dB

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

Approved:

Checked: Steven

Tested: Alan