

<u>REVISION:</u>	ECN INFORMATION: EC No: N/A DATE: 05/ 8 / 2021	TITLE: 1.00mm Edge Precision Co CARLISLE IT CON	<u>SHEET No.</u> 1 of 10		
DOCUMENT NUMBER:		SI ENGINEER:	DESIGN ENGINEER	ENGINEERING MANAGER	
RSI-TMB-E1F2-1L1_01		R.Stavoli	F.Yang	E.Soubh	
TEMPLATE FILENAME: SPM[SIZE_A](V.1).DOC					

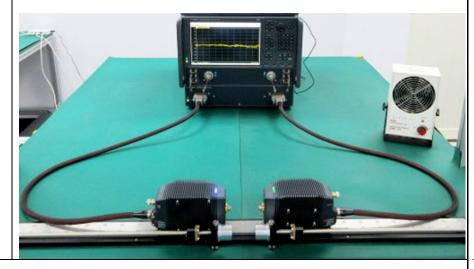


1.0 TEST SETUP AND DUT

Equipment, fixtures, and methods

Test method: All data measured from test PCB shown below and a N5290A PNA Network Analyzer

- Calibration was performed up to the 1.00mm adapters using calibration kit: 85059B
- Data was swept from 10 MHz to 110GHz for 12801 points
- Data averaging was turned off.
- Data is not dembedded and includes the board trace/transition and two RF edge launch precision connectors



Assembly Description

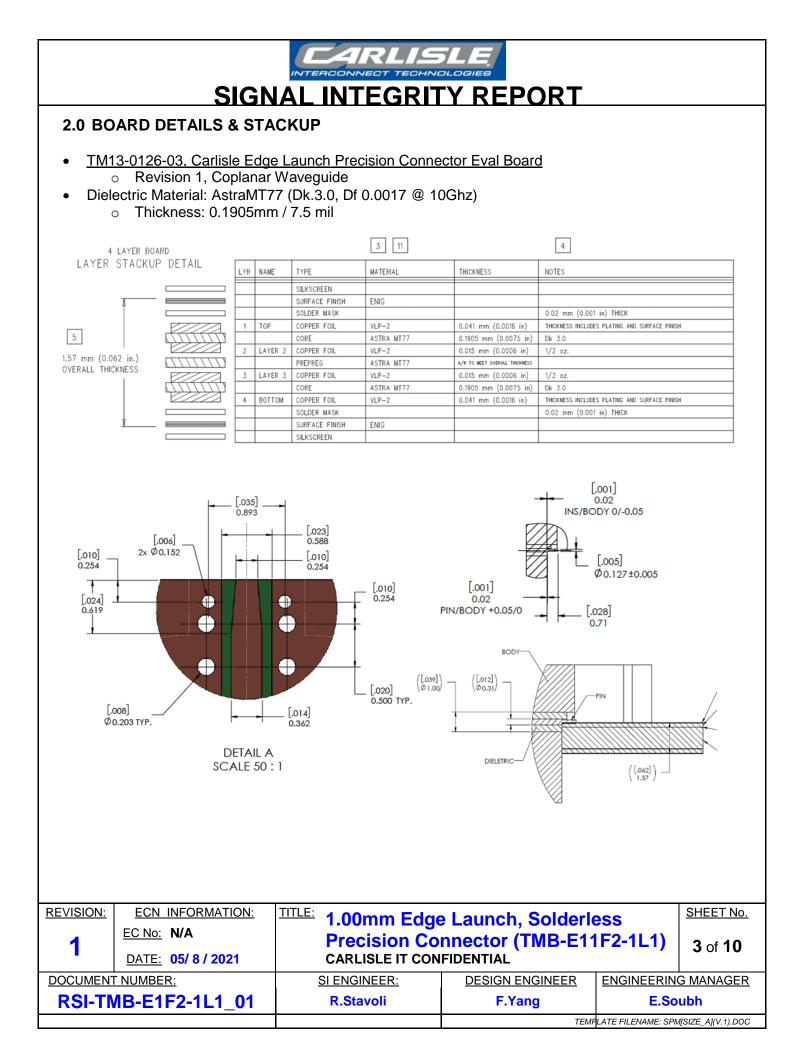
- T&M PN: TMB-E1F2-1L1
- Carlisle DUT PCB: TM13-0126-03, Edge Launch Precision Connector Eval Board (Rev1)
- Port 1: 1.00mm edge mount
- Port 2: 1.00mm edge mount



Testing Samples:

- 10 Samples
- 5 Channels
- 5 THRU Measurements (5 Channels = 10 samples) -> -Single-Ended

REVISION:	ECN INFORMATION:	TITLE: 1.00mm Edge Launch, Solderless			SHEET No.
1	<u>EC No:</u> N/A	Precision Co	2 of 10		
	DATE: 05/ 8 / 2021	CARLISLE IT CON			
DOCUMENT NUMBER:		SI ENGINEER:	DESIGN ENGINEER	ENGINEERING MANAGER	
RSI-TMB-E1F2-1L1_01		R.Stavoli	F.Yang	E.Soubh	
TEMPLATE FILENAME: SPM[SIZE_A](V.1).DC					





3.0 MEASUREMENT SET-UP

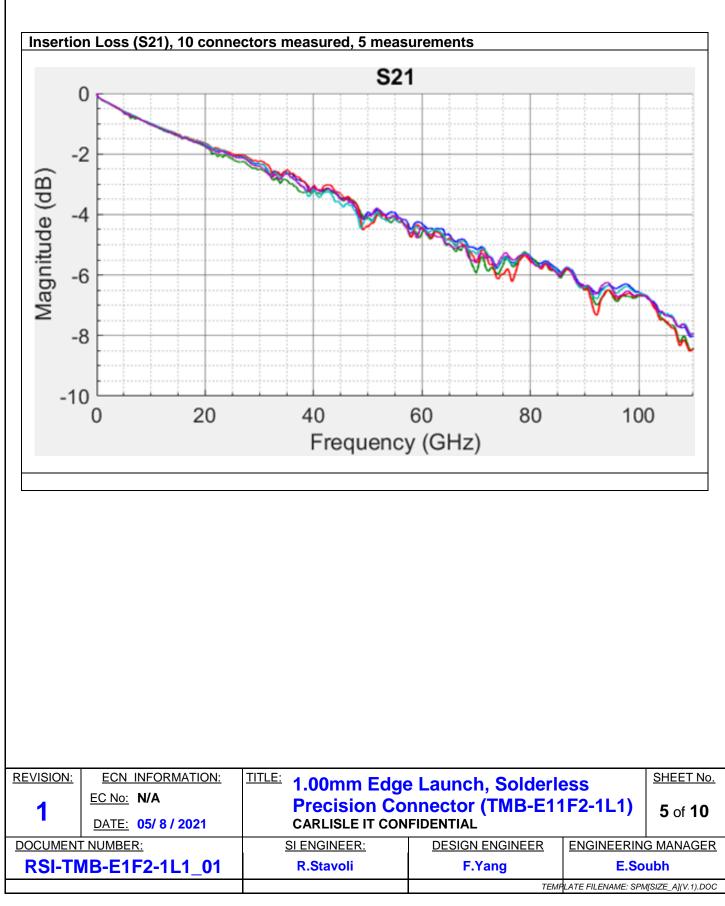
Measurements are not dembedded and include the two 1.00mm edge launch precision connectors, and the PCB (transition, traces)

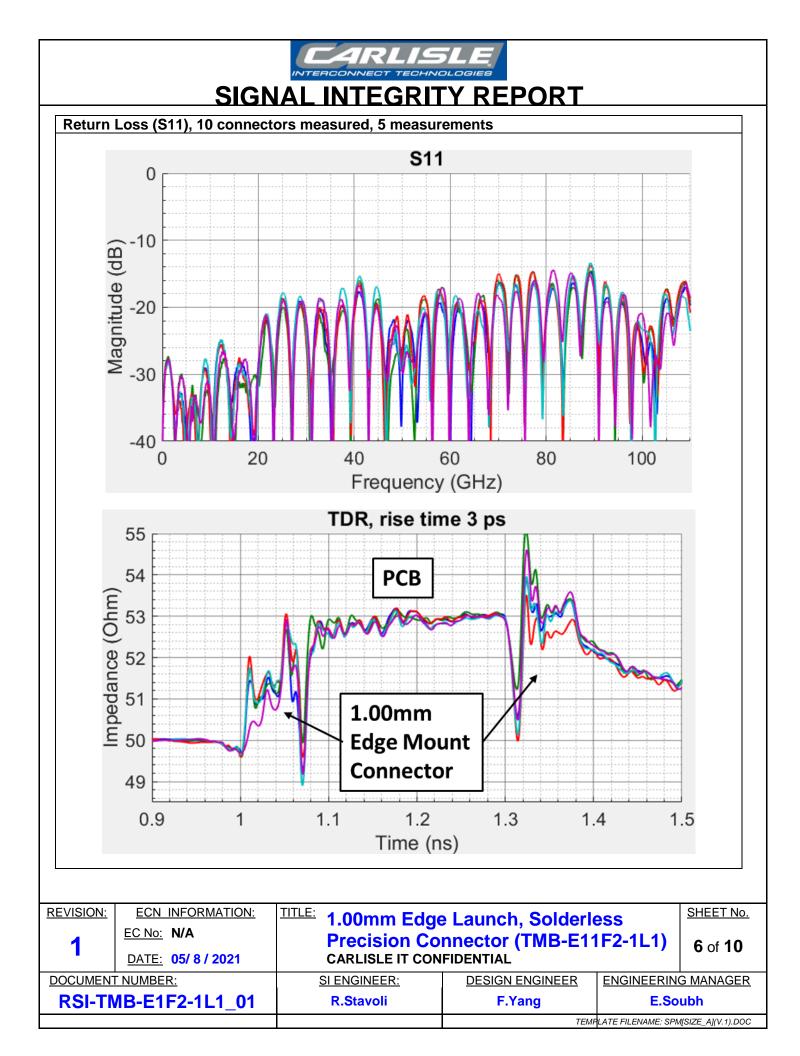




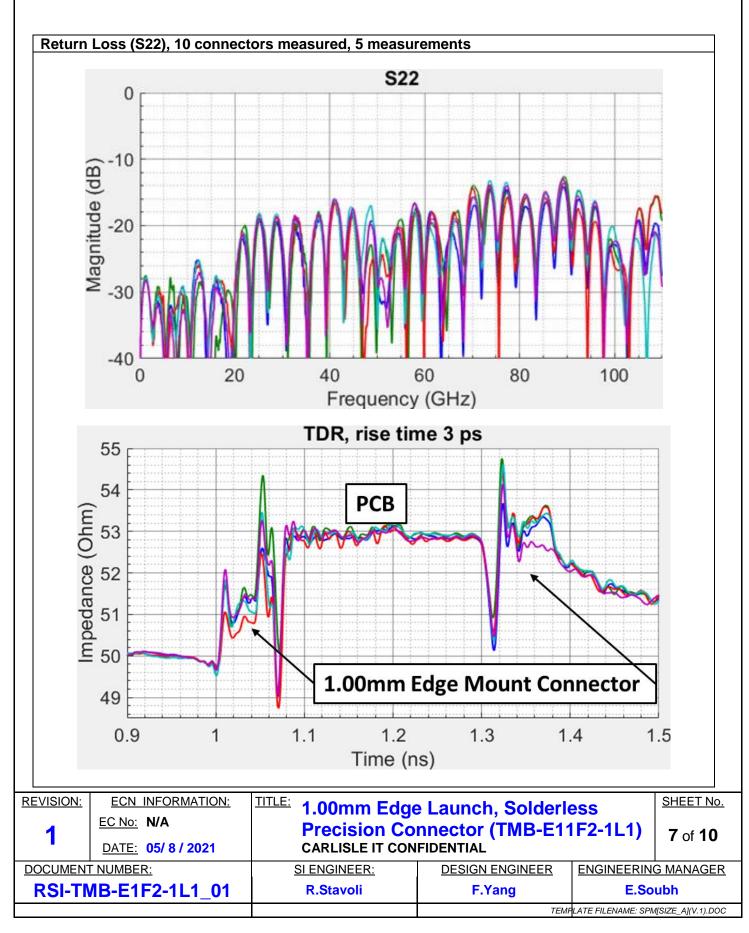
SIGNAL INTEGRITY REPORT

4.0 SIGNAL INTEGRITY RESULTS (CIT PCB, 7.5MIL DIELECTRIC THICKNESS)





SIGNAL INTEGRITY REPORT





SIGNAL INTEGRITY REPORT

5.0 SIGNAL INTEGRITY RESULTS, CONN 1A & B (CIT PCB, 7.5MIL DIELECTRIC THICKNESS)

