

54754A-06**S E R V I C E N O T E**

Supersedes: None

54754A Differential & single-ended TDR/TDT module**Serial Numbers: [0000A00000 / 9999Z99999]****Reverting to original A2A6/A2A7 Step Generators after switching to new design.****Parts Required:****New Design**

P/N	Description
5087-7713	EXCH AVAIL STEP GENERATOR WITH LIMITER
5087-6713	STEP GENERATOR WITH LIMITER EXCH
5087-6713-DEF	STEP GENERATOR WITH LIMITER RETURN

Original Design

P/N	Description
5086-7471	EXCH AVAIL STEP GENERATOR
5086-6471	STEP GENERATOR EXCH
5086-6471-DEF	STEP GENERATOR RETURN

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

AUTHOR: DL PRODUCT LINE: 8F

ADDITIONAL INFORMATION:

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Situation:

On May 1, 2007, serial prefix MY4711, we started using newly designed A2A6/A2A7 Step Generators in the 54754A TDR modules. This design change did not alter the published performance of the TDR Module. Subsequently it was determined that the change did not provide the desired effect and has been discontinued. We are reverting back to the original design on December 1, 2007, serial prefix MY4749.

You must have the same part number step generator in each channel.

Solution/Action:

When replacing the A2A6 or A2A7 Step Generators on modules with the newer design, you must replace both channels with the previous design, part numbers 5086-7471 / 5086-6471. The step generators do not need to be replaced if they are working correctly.

If the original step generator parts, 5086-7471 / 5086-6471, are installed in a module already, then it is only necessary replace one if one channel has failed.

If you replace one step generator in a channel, the other channel must have the same part number step generator.

Summary:

Serial numbers MY42510919 and below shipped with part number 5086-7471 step generator. On a failure, replace only the bad channel with either the 5086-7471 or 5086-6471 step generator.

Serial numbers with the serial prefix MY4711 shipped part number 5087-7713 step generator. On a failure, replace both channels' step generators with either the 5086-7471 or 5086-6471 step generator.

Serial numbers with serial prefix MY4749 and above will ship with the 5086-7471 step generator. On a failure, replace only the bad channel with either the 5086-7471 or 5086-6471 step generator.

Quick Check of Serial Number Ranges:

Original Design:

Serial Numbers MY42510919 and below

New Design:

Serial Number prefix MY4711

Back to the Original Design:

Serial Numbers MY47490101 and above