

INFORMATION ONLY – DOES NOT COMMUNICATE  
A MODIFICATION OR SAFETY CONDITION

**E8267C-09**

**S E R V I C E N O T E**

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Supersedes:  
None

**E8267C Vector Signal Generator**

**Serial Numbers:** [0000A00000 / 9999Z99999]

**Interface FPGA Failure in Upgrade Assistant**

**Parts Required:**

<b>P/N</b>	<b>Description</b>	<b>Qty.</b>
none		

**ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION:

**INFORMATION ONLY**

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ADDITIONAL INFORMATION:

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**Situation:**

When updating firmware after replacing the baseband generator board, the Upgrade Assistant displays an error that the "IF FPGA Update Failed"

**Solution/Action:**

If Upgrade Assistant displays the error "IF FPGA Update Failed", then here is the solution:

Send this query:

```
diag:bbg:fpga:vers?
```

The instrument must return

```
+2 for option 602
```

```
+14 for option 002
```

Any other response will cause Upgrade Assistant to fail and display the error message above.

To fix 602 to report +2, send

```
diag:bbg:fmwr:pers "Test"
```

```
diag:bbg:mon 'ut b'
```

Wait 45 seconds for command to complete

Power Cycle with front panel switch

To fix 002 to report +14, send

```
diag:bbg:fmwr:pers "Test"
```

```
diag:bbg:mon 'ut a'
```

Wait 45 seconds for command to complete

Power Cycle with front panel switch

Now try Upgrade Assistant again.