

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

SUPERSEDES: None

**83215A RF Interface****Serial Numbers:** JP1KA00105, 106, 108, 120, 125, 126, 128, 141, 159, 161**Modification corrects RX sensitivity measurement value****To Be Performed By:** Agilent-Qualified Personnel**Parts Required:**

| P/N         | Qty. | Description                  |
|-------------|------|------------------------------|
| 83215-61022 | 1    | A2 Module (for non-opt. 006) |
| 83215-61021 | 1    | A2 Module (for opt. 006)     |
| 83215-61023 | 1    | A3 Module                    |

**Situation:**

Old 83215A has noisy A2/A3 modules. It causes about up to 2 dB worse RX sensitivity measurement results than 83215A with newly designed A2/A3.

**Solution/Action:**

Replacing A2/A3 improves the RX sensitivity measurement performance. All adjustments and performance tests should be performed after the modification.

**Note**

For instrument with Option 002, additional modifications are required. Contact the factory for more information.

DATE: October 1995

## ADMINISTRATIVE INFORMATION

|                                 |                                                                                                                                             |                                                                                                                                      |                                                                                                                               |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| SERVICE NOTE CLASSIFICATION:    |                                                                                                                                             |                                                                                                                                      |                                                                                                                               |
| <b>MODIFICATION RECOMMENDED</b> |                                                                                                                                             |                                                                                                                                      |                                                                                                                               |
| ACTION CATEGORY:                | <input type="checkbox"/> IMMEDIATELY<br><input type="checkbox"/> ON SPECIFIED FAILURE<br><input checked="" type="checkbox"/> AGREEABLE TIME | STANDARDS: Labor 5.0 Hours                                                                                                           |                                                                                                                               |
| LOCATION CATEGORY:              | <input type="checkbox"/> CUSTOMER INSTALLABLE<br><input type="checkbox"/> ON-SITE<br><input checked="" type="checkbox"/> SERVICE CENTER     | SERVICE INVENTORY: <input type="checkbox"/> RETURN<br><input checked="" type="checkbox"/> SCRAP<br><input type="checkbox"/> SEE TEXT | USED PARTS: <input type="checkbox"/> RETURN<br><input checked="" type="checkbox"/> SCRAP<br><input type="checkbox"/> SEE TEXT |
| AVAILABILITY:                   | PRODUCT'S SUPPORT LIFE                                                                                                                      |                                                                                                                                      |                                                                                                                               |
| AUTHOR: YO                      | ENTITY: 3355                                                                                                                                | ADDITIONAL INFORMATION:                                                                                                              |                                                                                                                               |