

S E R V I C E N O T E

SUPERSEDES: 8562A-02G

**8562A Portable Spectrum Analyzer**

**Serial Numbers:** 2805A02036 / 9999A99999

**Duplicate Service Notes:** 8562B-01H

**Firmware Upgrade Kits**

**To Be Performed By:** Agilent-Qualified Personnel or Customer

**Parts Required:**

ROM Upgrade Kits, part number 08562-60163, 5063-0241 or 5062-7707

**Situation:**

Later versions of instrument firmware sometimes are implemented to improve instrument performance and reliability.

**Solution/Action:**

Firmware upgrade kits have been set up for 8562A/B Portable Spectrum Analyzers. The kits contain the appropriate revision of instrument firmware and the applicable installation notes; Tables 1 through 3 list the contents of the kits. Table 4 lists the ROM part numbers for each revision of firmware, as well as a description of the firmware change. The date code is in the format YYMMDD.

*Continued*

DATE: 30 January 1992

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
<b>MODIFICATION AVAILABLE</b>		
ACTION CATEGORY:	<b>AGREEABLE TIME</b>	<input checked="" type="checkbox"/> PERFORMANCE ENHANCEMENT <input type="checkbox"/> SERVICE/RELIABILITY ENHANCEMENT
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	AVAILABLE UNTIL: Product Support Life
AUTHOR: GPB	ENTITY: 5300	ADDITIONAL INFORMATION:

Kit number 5063-0241 contains six 512 KBit UVEPROMs which is used in 8562A and 8562B with serials 2805A002036 through 3121A06421, and 2750A00227 through 3121A00570 respectively.

Kit 08562-60163 contains four 2-MBit UVEPROMs and is used in 8562A and 8562B with serial prefixes above 3121A.

For 8562A and 8562B with serials prior to 2805A002036 and 2750A00227 respectively, kit 5086-7707 is used to prevent displaying an intermittent error 499. This kit contains firmware revision 891012. Kit 5063-0241 may be used in these instruments if the A16 Cal Osc. assembly is changed to 08562-60065.

**Table 1: ROM Upgrade Kit, Part Number 5063-0241**

<b>Part No.</b>	<b>Description</b>	<b>Qty.</b>
08562-80202	EEPROM, Programmed A2U306	1
08562-80203	EEPROM, Programmed A2U307	1
08562-80204	EEPROM, Programmed A2U308	1
08562-80205	EEPROM, Programmed A2U309	1
08562-80206	EEPROM, Programmed A2U310	1
08562-80207	EEPROM, Programmed A2U311	1
5960-6562	Installation Note	1

**Table 2: ROM Upgrade Kit, Part Number 08562-60163**

<b>Part No.</b>	<b>Description</b>	<b>Qty.</b>
08562-80198	EEPROM, Programmed A2U306	1
08562-80199	EEPROM, Programmed A2U307	1
08562-80200	EEPROM, Programmed A2U308	1
08562-80201	EEPROM, Programmed A2U309	1
08562-90181	Installation Note	1

**Table 3: ROM Upgrade Kit, Part Number 5062-7707**

Part No.	Description	Qty.
08562-80157	EEPROM, Programmed A2U306	1
08562-80158	EEPROM, Programmed A2U307	1
08562-80159	EEPROM, Programmed A2U308	1
08562-80160	EEPROM, Programmed A2U309	1
08562-80161	EEPROM, Programmed A2U310	1
08562-80162	EEPROM, Programmed A2U311	1
5958-7140	Installation Note	1

**Table 4: Firmware Revisions and ROM Part Numbers**

Rev Code	ROM Part Number 08562-						Description of Change
	U306	U307	U308	U309	U310	U311	
910415	80198	80199	80200	80201	NA	NA	Bug Fix
910415	80202	80203	80204	80205	80206	80287	Bug Fix
900901	80182	80183	80184	80185	NA	NA	Bug Fixes, OCXO
900901	80176	80177	80178	80179	80180	80181	Bug Fixes, OCXO
891012	80157	80158	80159	80160	80161	80162	Bug Fixes
881031	80136	80137	80138	80139	80140	80141	Support 8561A, FFT 99% Pwr. BW
880201	80120	80121	80122	80123	80124	80125	Printer dump, 2MHz RBW
871115	80106	80107	80108	80109	80110	80111	Bug Fix
870824	80090	80091	80092	80093	80094	80095	Bug Fix
870728	80077	80078	80079	80080	80081	80082	Use with 85620A, 2.5KHz Span, 26.5GHz
870312	80048	80049	80050	80051	80056	80057	Bug Fix
861218	80001	80002	80003	80004	80020	80021	First revision