



E1985 Fast Switching TAs Being Discontinued

The E1985B/C/D/E fast switching Test Applications (TAs) will be discontinued and removed from the E1991B and E1993A TA Suites in December. The E1985 fast switching TAs are replaced by the E1987A, a single TA that fast switches across all 8960 formats. This document compares the E1987A and E1985s, describes the E1985 discontinuance and lists recommendations if you currently use E1985.

E1987A Features versus E1985

The E1987A is a single application to replace the E1985B, C and E. Table 1 shows that E1987A fast switches across all 8960 formats and the E1985 applications do not.

Table 1. Fast Switching Coverage in E1987A vs. E1985

TA Model	Fast Switching Between Wireless Formats								
	GSM	GPRS	EGPRS	W-CDMA	cdma2000	IS-95	AMPS	1xEV-DO	136 (TMDA)
E1987A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
E1985B	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes
E1985C	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No
E1985E	No	No	No	No	Yes	Yes	Yes	Yes	No

The E1987A has been updated with new TA features. The E1985s do not get new features in the January 2006 or future releases. Table 2 lists some key features available in the E1987A that will NOT be in the E1985 TAs. For information on enabling specific features, contact your Agilent Representative.

Table 2. New Features in E1987A vs. E1985

Format /Feature	E1987A	E1985B/C/E
GSM/GPRS/EGPRS: PAVT	Yes	No
W-CDMA: HSPDA	Yes	No
1xEV-DO: Release A (Future)	Yes	No
cdma2000: Authentication & MEID	Yes	No
Future TA Features	Yes	No
Fast Switch Across All Formats	Yes	No

E1987A E5515 HW Compatibility versus E1985

The E1987A has been updated to run on the January 2006 updated E5515 HW. E1985s will NOT run on the updated E5515s or special HSDPA HW (E5515C-H07 and E5515CU-513.) The E1987A runs on an E5515C with S/N GB45070000 or greater without a HW upgrade. Earlier E5515s will require a HW upgrade to run E1987A. Please contact your Agilent Representative for upgrade details.

E1985s run on any current E5515C except E5515s compatible with HSDPA (E5515C-H07 or E5515CU-513 upgrade.) E1985s will NOT RUN on January 2006 updated E5515 HW and certain HW upgrades. For information on E1985/HW upgrade compatibility, refer to http://wireless.agilent.com/rfcomms/promo/products/misc/Jan_2005_HW_Upgrades.pdf.

E1985 Discontinuance

The E1985D (ordering number for E1985B/C/E) will be available to order until December 1, 2005. If you have an older E5515 and want to add E1985D after December 1, please contact your Agilent Representative. Hardware repairs to older E5515s will not break compatibility with E1985s. Agilent will use pre-January 2006 vintage modules for repair where required to retain E1985 compatibility. E1985 TAs will be supported for critical defect fixes until December 1, 2006. Support after that will be on a best effort basis.

Recommendations if You Use E1985 Fast Switching TAs

If you currently use E1985, you do not need to change unless you need new features, buy a new E5515 or upgrade your E5515 HW. Table 3 lists Agilent's recommendations if you use E1985s.

Table 3. Agilent Guidelines for E1985 Users with Pre-January 2006 E5515s

Need New Features? (Refer to Table 2 for List)	Convert to E1987A?
No	Not Required ¹
Yes	Yes ^{2,3}

1. You do not need to convert immediately. Plan to convert when you need new features or add new E5515s.
2. Your E5515 will require an upgrade if E5515C S/N < GB45070000 or any US S/N.
3. HSDPA requires January update E5515C, E5515C-H07 or E5515CU-513 upgrade.

Removing E1985 from E1991B and E1993A TA Suites

In January Wireless Division will remove the E1985 fast switching TAs from the E1991B TA Suite and E1993A UMTS TA Suite. Fast switching in the E1991B and E1993A Suites is covered by E1987A, a single test application that fast switches across all 8960 formats.