General Caution

You must use Ethernet connection to perform any firmware updates.
Updating via USB may result in a failure to finish loading the OS and the unit will not
reboot. All is not lost, Recovery is possible using the Emergency Repair feature with
Ethernet connection.

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What will the Customer See in this release? MT8220A Application Package V1.86 7-05-2007
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General Features

- Antenna list handling improved so spaces in the file name are handled correctly.
- Power save increases battery time by decreasing default screen brightness.
- remote command functionality will now handle multiple events.
- Critical data loss from EEPROM happened occasionally, now this is fixed.
- Status window was not big enough to show all the results, now it is scrollable.
- When saving files (setup, measurement, jpg) the first save displayed how many bytes
were available. Now instead of displaying bytes (large number), we display GB, MB, or KB
as appropriate.

Operating System

- Improved OS code load process--mainly fixed OS code load failures.

Spectrum Analyzer Mode

- Marker frequency resolution was lost on saved measurements, now recalled measurements
show the correct resolution.
- Marker peak search on slow sweeps did not work correctly on the first sweep. Now the
correct data is searched.
- Extensive limit upgrades. Save/recall limit, limit envelope, limit absolute/relative,
move limit (by frequency).
- application self-test displays overall status better now.
- Some warning/error messaging has improved details.
- Certain types of lock failures have been prevented. Also, one LO's failure should no
longer cause another LO to fail.
- Lock failure bug fixed to prevent occasional lock failures on some units.
- twiddle marker on full span would display as arrow off screen. Now marker stays on
screen as expected.
- Frequency step did not handle up/down arrows properly, now it does.

Interference Analyzer Mode

- No changes

Channel Scanner Mode

- No changes

WCDMA Signal Analyzer Mode

- CDP view would take up to 1 minute to refresh after closing an input window, this has
been fixed.
- Traffic analysis measurement capabilities are added using both code utilization and
amplifier capacity.
- Frequency error measurements now has averaging which can be enabled/disabled.
- TRACe? SPEC fixed bug where incorrect data was returned.
- Max amplifier output power was not being set correctly under certain conditions. Now
it is properly set.

GSM/EDGE Signal Analyzer Mode

- Fixed problem with recalling from External CF and USB.
- Fixed display message bug (press <ESC> to clear recall trace) did not display when
recalling measurement.

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MT8220A Package V1.84
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What will the Customer See in this release? MT8220A Application Package V1.84 2-26-2007
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General Features

- No change

Spectrum Analyzer Mode

- Recall setups with manual RBW and/or VBW settings would not function properly. This
has been fixed.

Interference Analyzer Mode

- No change

Channel Scanner Mode

- No change

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