



A subsidiary of ASSA Industries, LLC

VTRAN-2500 TESTING PROCEDURE

1. Obtain *Manufacturing Report*
2. Record transmitter and receiver serial numbers and the PCB manufacturers name
3. Connect transmitter to power meter
4. Measure and record the drain and gate voltages
5. Measure and record the quiescent drain current. This is achieved by setting the input RF such that the output power is zero
6. Increase input RF until _____ mW of power is measured at the antenna port
7. Record the power level and the drain current
8. Connect transmitter output to spectrum analyzer
9. Verify channel of operation
10. Verify the sidelobe levels (must be lower than 20 dBc)
11. Verify the out of band levels are below 50 dBc
12. Print spectrum and staple to Manufacturing report

Tested by: _____

Date: _____

Verified by: _____

Date: _____