

2. TEST SUMMARY

2.1 Test items and results

SECTION	TEST ITEMS	RESULTS
2.1046, 24.132, 90.635	RF Power Output at Antenna Terminals	Met the Limit / PASS
2.1049, 24.131, 90.209(b), 90.210(j)	Occupied Bandwidth, Bandwidth Limitation, Emission Masks	Met the Limit / PASS
2.1051, 24.133, 90.210(j)	Spurious Emissions at Antenna Terminals	Met the Limit / PASS
2.1053, 24.133, 90.210(j)	Field strength of Spurious Radiation	Met the Limit / PASS
2.1055(a)(1), 24.135, 90.213	Frequency Stability with Temperature variation	Met the Limit / PASS
2.1055(d), 24.135, 90.213	Frequency stability with primary voltage variation	Met the Limit / PASS
15.109(b)	Field strength of Spurious Radiation in Receiving Mode	Met the Limit / PASS
15.207 and 15.107	Conducted Limits	N/A (See Note 1)
2.1093	RF Exposure	See Note 2

Note 1: This test is not performed, because the power of the EUT is supplied from a DC battery.

Note 2: The max. RF output of the EUT is 1.47W, but the transmitting time of the equipment is 78.67 ms, so the equipment meets the RF Exposure requirement. Please refer to clause 6.4 in the report.

2.2 Additions, deviations, exclusions from standards

No additions, deviations or exclusions have been made from standard.

2.3 Related Submittal(s) / Grant(s)

Original submittal only

2.4 Purpose of the test

To determine whether the equipment under test fulfills the requirements of the regulation stated in section 2.1.

2.5 Test Methodology

Radiated testing was performed according to the procedures in ANSI/TIA-603-C-2004. Radiated testing was performed at a distance of 3 meters from EUT to the antenna.

2.6 Test Facility

The Electromagnetic compatibility measurement facilities are located on at 307-51 Daessangryung-ri, Chowol-eup, Gwangju-si, Gyeonggi-do, 464-862, Korea. Description details of test facilities were submitted to the Federal Communications Commission on August 21, 2008 (Registration Number: 340658), accredited by KOLAS (Korea Laboratory Accreditation Scheme, No: 85) and approved by TUV, DNV and KCC (Korea Communications Commission) according to the requirement of ISO 17025.

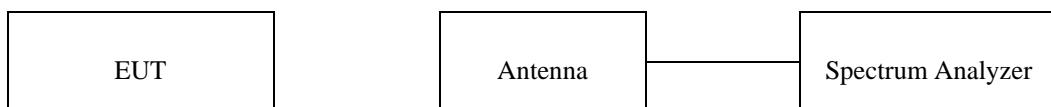
6. Duty Cycle

6.1 Operating environment

Temperature : 22.4 °C
 Relative humidity : 48 %R.H.

6.2 Test set-up

The Pager Tester transmitted the signal for making communication link of the EUT and then the EUT transmits carrier signal with the worst transmitting condition. The radiated carrier signal was received with an antenna and then the antenna was connected to the spectrum analyzer.



6.3 Test equipment used

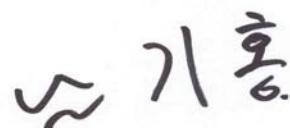
Model Number	Manufacturer	Description	Serial Number	Last Cal.
■ - 8564E	HP	Spectrum Analyzer	3650A00756	June 16, 2008
■ - TC-2000A	TESCOM	Universal Pager Tester	3650A00756	June 16, 2008
■ - N/A	HP	30 dB Attenuator Assembly	2350A3133	-

All test equipment used is calibrated on a regular basis.

6.4 Test data

- Test Date : December 02, 2008

CHANNEL	FREQUENCY (MHz)	Pulse On Time (Sec)	Pulse Off Time (Sec)	Duty Cycle
Low	896	0.07867	7.367	0.010566



Tested by: Ki-Hong, Nam / Project Engineer