

## 2. TEST SUMMARY

### 2.1 Test items and results

| SECTION              | TEST ITEMS   | RESULTS                    |
|----------------------|--|----------------------------|
| 2.1046, 24.232       | RF Power Output at Antenna Terminals               | Met the Limit / PASS       |
| 2.1047               | Modulation Characteristics                         | Met the requirement / PASS |
| 2.1049, 24.238       | Occupied Bandwidth, Bandwidth Limitation           | Met the Limit / PASS       |
| 2.1049               | Band Edge  | Met the Limit / PASS       |
| 2.1051, 24.238 (a)   | Spurious Emissions at Antenna Terminals            | Met the Limit / PASS       |
| 2.1053, 24.238 (a)   | Field strength of Spurious Radiation               | Met the Limit / PASS       |
| 2.1055(a)(1), 24.235 | Frequency Stability with Temperature variation     | Met the requirement / PASS |
| 2.1055(d), 24.235    | Frequency stability with primary voltage variation | Met the requirement / PASS |
| 2.1093               | RF Exposure  | Met the Limit / PASS       |
| 15.209               | Radiated Emission Limits, General Requirement      | Met the Limit / PASS       |
| 15.207               | Conducted Limits                                   | Met the Limit / PASS       |

### 2.2 Additions, deviations, exclusions from standards

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

### 2.3 Related Submittal(s) / Grant(s)

#### - Class II Permissive change

The system is consist of remote controller and donor unit and the system was certified on October 31, 2005, but following modification and/or changed items are implemented into a remote controller. No changes were made in Donor unit, so the test for donor unit was not performed.

|              | Before           | Changed items on the unit         |
|--------------|------------------|-----------------------------------|
| Power supply | SB-MO-4037       | SB-MO-4037 or ETCA-ARB4           |
| LPA          | STA1900-45MM1    | STA1900-45MM1 or LPA1900-030-SC01 |
| LNA          | NTL-LNA1880-07SB | NTL-LNA1880-07SB or ETL 1880 H36A |

### 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 C63.4: 2003. Radiated testing was performed at a distance of 3 meters from EUT to the antenna.