

CORRIGENDUM for Test Report (KL80010362)

January 10, 2002

The test report (KL80010362, Issued Date: October 3, 2001) is corrected.

The corrigendum is shown as follows:

1. Page 4: Description of the EUT
 - 11) Typical TX Power: 125.9mW (21.0dBm)
--> 11) Measured TX Power (Conducted): 219mW (23.4dBm)
2. Page 16: Maximum Peak Power
 - Maximum Peak Power: 0.329 W at 2440.800MHz
--> Maximum Peak Power: 0.656 W at 2401.056MHz
 - Min. Limit Margin: 4.8 dB at 2440.800MHz
--> Min. Limit Margin: 1.8 dB at 2401.056MHz
3. Page 17: Transmitter Power
 - Transmitter Power: 0.295 W at 2401.056MHz
--> Maximum Peak Power: 0.219 W at 2401.056MHz
 - Min. Limit Margin: 5.3 dB at 2401.056MHz
--> Min. Limit Margin: 6.6 dB at 2401.056MHz
4. Page 17: Antenna Gain of the EUT
 - 0.97 dBi at 2440.800 MHz
--> 4.77 dBi at 2401.056MHz

The description on pages 16 and 17 is error of writing. The measurement values on 'B) Test Data' are correct.

Attached Corrected Pages: Pages 4, 16 and 17.



Akio Hosoda
Manager of EMC div.
KITA-KANSAI Testing Center
JAPAN QUALITY ASSURANCE ORGANIZATION

Description of the Equipment Under Test (EUT):

- | | |
|----------------------------------|---|
| 1) Name | : 2.4GHz Cell Station for PBX |
| 2) Model/Type No. | : KX-TDA0142 |
| 3) Product Type | : Pre-Production (S/N: ---) |
| 4) Category | : Intentional Radiator |
| 5) EUT Authorization | : ○ - Verification ● - Certification ○ - D.o.C. |
| 6) Transmitting Frequency | : 2401.056 MHz(00ch) - 2479.680 MHz(91ch) |
| 7) Receiving Frequency | : 2401.056 MHz(00ch) - 2479.680 MHz(91ch) |
| 8) Method/System | : Frequency Hopping Spread System(FHSS) |
| 9) Type of Antenna | : Half-wave length Dipole Antenna |
| 10) Antenna Gain | : less than 2.14 dBi |
| 11) Measured TX Power(Conducted) | : 219 mW(23.4 dBm) |
| 12) Power Rating | : DC40V |

TEST RESULTS

AC Powerline Conducted Emission 450 kHz - 30 MHz(Sec.15.207(a))

The requirements are	☐ - Passed	☐ - Not Passed
Min. limit margin	_____ dB	at _____ MHz
Max. limit exceeding	_____ dB	at _____ MHz
Uncertainty of measurement results	_____ dB(2 σ)	_____ dB(2 σ)

Remarks: Not Applicable

Electromagnetic Field Radiated Emission 9 kHz - 25 GHz

Maximum Peak Power (EIRP)(Sec.15.247(b)(1))

The requirements are	☒ - Passed	☐ - Not Passed
Maximum Peak Power (EIRP)	<u>0.656</u> W	at <u>2401.056</u> MHz
Min. limit margin	<u>1.8</u> dB	at <u>2401.056</u> MHz
Max. limit exceeding	_____ dB	at _____ MHz

Spurious(Sec.15.247(c),15.205(a),15.209(a))

The requirements are	☒ - Passed	☐ - Not Passed
Min. limit margin	<u>7.3</u> dB	at <u>134.8</u> MHz
Max. limit exceeding	_____ dB	at _____ MHz
Uncertainty of measurement results (≤ 30 MHz)	<u>+ 2.5</u> dB(2 σ)	<u>- 2.5</u> dB(2 σ)
Uncertainty of measurement results (30 MHz - 1000 MHz)	<u>+ 4.9</u> dB(2 σ)	<u>- 5.0</u> dB(2 σ)
Uncertainty of measurement results (≥ 1000 MHz)	<u>+ 3.1</u> dB(2 σ)	<u>- 3.2</u> dB(2 σ)

Remarks: _____

Transmitter Power(TP)(Sec.15.247(b)(1))

The requirements are	● - Passed	○ - Not Passed
The transmitter power is	<u>0.219</u> W at <u>2401.056</u> MHz	
Min. limit margin	<u>6.6</u> dB at <u>2401.056</u> MHz	
Max. limit exceeding	<u> </u> dB at <u> </u> MHz	
Uncertainty of measurement results	<u>+0.6</u> dB(2σ)	<u>-0.6</u> dB(2σ)

Remarks: _____

Antenna Gain of the EUT(Sec.15.247(b)(3)(i))

The antenna gain is 4.77 dBi at 2401.056 MHz

Remarks: _____

-20dB Bandwidth(Sec.15.247(a)(1)(ii))

The requirements are	● - Passed	○ - Not Passed
The -20dB Bandwidth is	<u>604.0</u> kHz at <u>2479.680</u> MHz	
The results	Refer to pages 36 - 38	
Min. limit margin	<u>396.0</u> kHz at <u>2479.680</u> MHz	
Max. limit exceeding	<u> </u> kHz at <u> </u> MHz	
Uncertainty of measurement results at Frequency	<u>±0.05</u> ppm(2σ)	
Uncertainty of measurement results at Amplitude	<u>±0.6</u> dB(2σ)	

Remarks: _____
