

**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: Pgae 4, 16 and 17.



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**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 $\sigma$ ) \_\_\_\_\_ dB(2 $\sigma$ )

**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) 0.656 W at 2401.056 MHz  
Min. limit margin 1.8 dB at 2401.056 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 7.3 dB at 134.8 MHz  
Max. limit exceeding \_\_\_\_\_ dB at \_\_\_\_\_ MHz  
Uncertainty of measurement results ( $\leq$  30 MHz) + 2.5 dB(2 $\sigma$ ) - 2.5 dB(2 $\sigma$ )  
Uncertainty of measurement results (30 MHz - 1000 MHz) + 4.9 dB(2 $\sigma$ ) - 5.0 dB(2 $\sigma$ )  
Uncertainty of measurement results ( $\geq$  1000 MHz) + 3.1 dB(2 $\sigma$ ) - 3.2 dB(2 $\sigma$ )

**Remarks:** \_\_\_\_\_  
\_\_\_\_\_

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

The requirements are	<b>● - Passed</b>	<b>○ - Not Passed</b>
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	<b>● - Passed</b>	<b>○ - Not Passed</b>
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:** \_\_\_\_\_  
\_\_\_\_\_