

## CONSTRUCTIONAL DATAFORM FOR TESTING OF RADIO EQUIPMENT

Licence holder:	AKG Acoustics, U.S.		
Address:	914 Airpark Center Dr., Nashville, TN 37217, U.S.A.		
Manufacturer:	Vtech Communications Ltd		
Address:	Vtech Science Park, Xia Ling Bei Management Zone, Liabou, Dongguan Guangdong 523411		
Type:	WX1		
Model:			
Serial-No.:		Protection class:	

### Additional informations to the above named model:

<b>Antenna:</b> <b>transmitter:</b>  <b>receiver:</b>  <b>Power supply of the transmitter:</b> <b>Type:</b>  <b>Power supply of the receiver:</b> <b>Type:</b>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="4">Type: integral</td> </tr> <tr> <td colspan="4">Length/size: dipole</td> </tr> <tr> <td colspan="4">Type:</td> </tr> <tr> <td colspan="4">Length/size:</td> </tr> <tr> <td style="width: 30%;"><b>1 AAA Cell or NiCd</b></td> <td style="width: 30%;">nominal voltage:</td> <td style="width: 15%; text-align: center;"><b>1.5</b></td> <td style="width: 25%; text-align: center;"><b>V</b></td> </tr> <tr> <td></td> <td>lowest voltage:</td> <td style="text-align: center;"><b>1.05</b></td> <td style="text-align: center;"><b>V</b></td> </tr> <tr> <td></td> <td>highest voltage:</td> <td style="text-align: center;"><b>1.6</b></td> <td style="text-align: center;"><b>V</b></td> </tr> <tr> <td></td> <td>current consumption</td> <td colspan="2" style="text-align: center;"><b>~75mA@1.2V</b></td> </tr> <tr> <td></td> <td>nominal voltage:</td> <td colspan="2" style="text-align: center;"><b>V</b></td> </tr> <tr> <td></td> <td>current consumption</td> <td colspan="2" style="text-align: center;"><b>A</b></td> </tr> </table>	Type: integral				Length/size: dipole				Type:				Length/size:				<b>1 AAA Cell or NiCd</b>	nominal voltage:	<b>1.5</b>	<b>V</b>		lowest voltage:	<b>1.05</b>	<b>V</b>		highest voltage:	<b>1.6</b>	<b>V</b>		current consumption	<b>~75mA@1.2V</b>			nominal voltage:	<b>V</b>			current consumption	<b>A</b>	
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### Ancillary equipment:

Description: _____	Type: _____	Serial-no.: _____
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### Extreme temperature range in which the approval test should be performed:

- ☐ Category I: General (-20°C to +55°C)  
☐ Category II: Portable (-10°C to +55°C)  
☐ Category III: Equipment for normal indoor use (0°C to +55°C)

### Connectable cables:

Name of the cable	Digital	Length/m	shielded
	O yes O no		O yes O no
	O yes O no		O yes O no
	O yes O no		O yes O no
	O yes O no		O yes O no
	O yes O no		O yes O no

Applicant: \_\_\_\_\_ AKG \_\_\_\_\_ Model-name: \_\_\_\_\_ WX1 \_\_\_\_\_

<b>Type designation:</b> <b>WX1</b>			
<b>Name and type designation of individual units comprising the radio equipment:</b>			
<b>Type of equipment:</b>			
<input type="checkbox"/> Radiotelephone equipment	<input type="checkbox"/> Remote-control equipment	<input type="checkbox"/> Radiomaritime equipment	<input type="checkbox"/> LPD
<input type="checkbox"/> One-way radiotelephone equipment	<input type="checkbox"/> Inductive loop system	<input type="checkbox"/> Inland waterways equipment	<input type="checkbox"/> RLAN
<input type="checkbox"/> Personal paging system	<input type="checkbox"/> Radio-relay system	<input type="checkbox"/> Radionavigation equipm.	<input checked="" type="checkbox"/> wireless microphone
<input type="checkbox"/> Satellite earth station	<input type="checkbox"/> CB radiotelephone equipment	<input type="checkbox"/> Antenna	<input type="checkbox"/>
<input type="checkbox"/> Data transmission equipment	<input type="checkbox"/> Movement detector	<input type="checkbox"/> Aeronautical equipment	<input type="checkbox"/>
<b>Technical characteristics:</b>			
	Transmitter-receiver	Transmitter	Receiver
Frequency range		<b>734.6..750.9MHz FCC</b> (734.6..864.375 Europe)	
Maximum no. of channels			
Channel spacing		<b>200k</b>	
Class of emission (type of modulation)		<b>200KF3E</b>	
Maximum RF output power			
Maximum effective radiated power (ERP)		<b>5mW+-3dB</b>	
Output power variable		<b>no</b>	
Channel switching frequency range		<b>1 channel</b>	
Method of frequency generation	<input type="checkbox"/> Synthesizer <input checked="" type="checkbox"/> Crystal <input type="checkbox"/> Other		
Frequency generation TX	<b>Crystal/ multiplier</b>		
Frequency generation RX			
IF	1st IF	2nd IF	3rd IF
Integral selective calling	<b>no</b>		
Audio-frequency interface level at external data socket	<b>1.2Vrms for 60% of maximum deviation at 1kHz; impedance 4k7ohms / 3,8DC , capsule included</b> <b>audio bandwidth 50Hz-20kHz</b>		
Modes of operation	<input type="checkbox"/> Duplex mode <input type="checkbox"/> Semi-duplex mode <input checked="" type="checkbox"/> Simplex mode		
Power source	<input type="checkbox"/> Mains <input type="checkbox"/> Vehicle-regulated <input checked="" type="checkbox"/> Integral		
Antenna socket	<input type="checkbox"/> BNC <input type="checkbox"/> TNC <input type="checkbox"/> N <input type="checkbox"/> M <input type="checkbox"/> UHF <input type="checkbox"/> Adapter <input checked="" type="checkbox"/> None <input type="checkbox"/>		
<b>Test specifications:</b> <b>FCC Part 74</b>			

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**Declarations:**

- We declare that the above information are correct and the named model was supplied with the maximum configuration to the accredited test laboratory.

Nashville, 27.10.05

\_\_\_\_\_, date \_\_\_\_\_  
place of issue

\_\_\_\_\_  
Seal and signature of applicant

issued: Peter Tiefenthaler