

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:

Antenna: transmitter: receiver: Power supply of the transmitter: Type: Power supply of the receiver: Type:	Type: integral Length/size: dipole Type: Length/size: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; border-bottom: 1px solid black;">1 AAA Cell or NiCd</td> <td style="width: 20%;">nominal voltage:</td> <td style="width: 20%; text-align: center; border-bottom: 1px solid black;">1.5</td> <td style="width: 20%; text-align: center; border-bottom: 1px solid black;">V</td> </tr> <tr> <td style="border-bottom: 1px solid black;"></td> <td>lowest voltage:</td> <td style="text-align: center; border-bottom: 1px solid black;">1.05</td> <td style="text-align: center; border-bottom: 1px solid black;">V</td> </tr> <tr> <td style="border-bottom: 1px solid black;"></td> <td>highest voltage:</td> <td style="text-align: center; border-bottom: 1px solid black;">1.6</td> <td style="text-align: center; border-bottom: 1px solid black;">V</td> </tr> <tr> <td style="border-bottom: 1px solid black;"></td> <td>current consumption</td> <td colspan="2" style="text-align: center; border-bottom: 1px solid black;">~75mA@1.2V</td> </tr> <tr> <td style="border-bottom: 1px solid black;"></td> <td>nominal voltage:</td> <td colspan="2" style="text-align: center; border-bottom: 1px solid black;">V</td> </tr> <tr> <td style="border-bottom: 1px solid black;"></td> <td>current consumption</td> <td colspan="2" style="text-align: center; border-bottom: 1px solid black;">A</td> </tr> </table>	1 AAA Cell or NiCd	nominal voltage:	1.5	V		lowest voltage:	1.05	V		highest voltage:	1.6	V		current consumption	~75mA@1.2V			nominal voltage:	V			current consumption	A	
1 AAA Cell or NiCd	nominal voltage:	1.5	V																						
	lowest voltage:	1.05	V																						
	highest voltage:	1.6	V																						
	current consumption	~75mA@1.2V																							
	nominal voltage:	V																							
	current consumption	A																							

Ancillary equipment:

Description:	Type:	Serial-no.:
Description:	Type:	Serial-no.:
Description:	Type:	Serial-no.:

Extreme temperature range in which the approval test should be performed:

- O Category I: General (-20°C to +55°C)
X Category II: Portable (-10°C to +55°C)
O 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 _____

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

Applicant: _____AKG_____Model-name: _____WX1_____

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