

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:	Type: integral		
	Length/size: dipole		
receiver:	Type:		
	Length/size:		
Power supply of the transmitter: Type:	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
Power supply of the receiver: Type:	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:

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
	<input type="radio"/> yes <input type="radio"/> no		<input type="radio"/> yes <input type="radio"/> no
	<input type="radio"/> yes <input type="radio"/> no		<input type="radio"/> yes <input type="radio"/> no
	<input type="radio"/> yes <input type="radio"/> no		<input type="radio"/> yes <input type="radio"/> no
	<input type="radio"/> yes <input type="radio"/> no		<input type="radio"/> yes <input type="radio"/> no
	<input type="radio"/> yes <input type="radio"/> no		<input type="radio"/> yes <input type="radio"/> no

Applicant: _____ AKG _____ Model-name: _____ WX1 _____

Type designation: WX1			
Name and type designation of individual units comprising the radio equipment:			
Type of equipment:			
<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"/>
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	<input type="checkbox"/> Synthesizer	<input checked="" type="checkbox"/> Crystal	<input type="checkbox"/> 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	<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"/>	<input type="checkbox"/>
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