

# **EMISSION -- TEST REPORT**

Test Report File No. : T 21727-1-01 AA Date of issue : March 07, 2002

Type Designation : 5WK4 7292

Kind of Product : Remote control transmitter

Applicant : Siemens VDO Automotive AG

Manufacturer : Siemens VDO Automotive AG

Licence holder : Siemens VDO Automotive AG

Address : Wernerwerkstrasse 2

D-93049 Regensburg, Germany

**Test result** accdg. to the regulation(s) at page 3

**Positive** 

This test report with attachment consists of **26** pages. The test result only corresponds to the tested sample. It is not permitted to copy this report, in part or in full, without the permission of the test laboratory.

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# **TEST REGULATIONS**

The tests were performed according to following regulations:

■ - Part 15 Subpart C (15.231)

o - EN 50081-1 o - EN 50081-2	/ 2.1991 / 7.1993		
o - EN 55011	/ 3.1991	o - Group 1 o - class A	o - Group 2 o - class B
o - EN 55014	/ 4.1993	<ul><li>o - Household appliances and</li><li>o - tools</li><li>o - Semiconductor devices</li></ul>	similar
o - EN 55014 o - EN 55104	/ A2:1990 / 5.1995	Category:	
o - EN 55015 o - EN 55015	/ A1:1990 / 12.1993		
o - EN 55022	/ 5.1995	o - class A	o - class B
o - prEN 55103-1 o - prEN 50121-3-2 o - EN 60601-1-2	/ 3.1995		
o - VCCI o - Part 15 Subpart (	· ·	o - class 1	o - class 2

# ADDRESS OF THE TEST LABORATORY

-	MIKES BABT PRODUCT SERVICE GmbH Ohmstrasse 2-4 D - 94342 Strasskirchen	
o -		

#### **ENVIRONMENTAL CONDITIONS**

Temperature: 15-35 ° C

Humidity 45-60 %

Atmospheric pressure 860-1060 mbar

# **POWER SUPPLY SYSTEM UTILIZED**

Power supply system o 230V/50 Hz / 1∮ ■ 3 V DC

o 400V/50 Hz 3PE o 400V/50 Hz 3NPE

# STATEMENT OF MEASUREMENT UNCERTAINTY

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report accdg. to NIS 81 /5.1994 "The Treatment of Uncertainty in EMC Measurements" and is documented in the MIKES BABT Product Service quality system accdg. to EN 45001. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

#### SHORT DESCRIPTION OF THE EQUIPMENT UNDER TEST (EuT)

The R230 (5WK47292) radio control transmitter is a key which enables convenient vehicle access.

Number of received/tested samples: 1 / 1

Serial Number: Prototype

#### **DEFINITIONS FOR SYMBOLS USED IN THIS TEST REPORT**

- The black square indicates that the listed condition, standard or equipment is applicable for this report.
- o Blank box indicates that the listed condition, standard or equipment was not applicable for this report.

# MEASUREMENT PROTOCOL FOR FCC, VCCI AND AUSTEL

#### **Test Methodology**

Conducted and radiated emission testing is performed according to the procedures in International Special Committee on Radio Interference (CISPR) Publication 22 (1993), European Standard EN 55022 and Australian Standard AS 3548 (which are based on CISPR 22).

The Japanese standard, "Voluntary Control Council for Interference (VCCI) by Data Processing Equipment and Electronic Office Machines, Technical Requirements" is technically equivalent to CISPR 22 (1993). For official compliance, a conformance report must be sent to and accepted by the VCCI.

In compliance with FCC Docket 92-152, "Harmonization of Rules for Digital Devices Incorporate International Standards", testing for FCC compliance may be done following the ANSI C63.4-1992 procedures and using the FCC limits or the CISPR 22 Limits.

#### **Measurement Uncertainty**

The test system for conducted emissions is defined as the LISN, tuned receiver or spectrum analyzer, and coaxial cable. The test system for radiated emissions is defined as the antenna, the pre-amplifier, the spectrum analyzer and the coaxial cable. These test systems have a measurement uncertainty of ±4.5 dB. The equipment comprising the test systems are calibrated on an annual basis.

#### **Justification**

The Equipment Under Test (EuT) is configured in a typical user arrangement in accordance with the manufacturer's instructions. A cable is connected to each available port and either terminated with a peripheral into it's characteristic impedance or left unterminated. When appropriate, the cables are manually manipulated with respect to each other to obtain maximum emissions from the unit.

#### **General Standard Information**

The test methods used comply with CISPR Publication 22 (1993), EN 55022 (1987) and AS 3548 (1992) - "Limits and Methods of Measurement of Radio Interference Characteristics of Information Technology Equipment" and with ANSI C63.4-1992 - "Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz."

For detailed description of each measurement please refer to section test results.

# **DISCOVERY OF WORST CASE MEASUREMENT CONDITION:**

The radio controlled transmitter key is designed for the operation on the fixed transmitter frequency range of 315.0 MHz.

To find out the worst case conditions for the complete measurement the following tests have been performed:

- Measurement of the radiated fieldstrength of the operating frequency measured in permanent operation mode in the specified channel. This measurement have been performed in order to find out the maximum transmitted fieldstrength of the transmitter.
- Measurement of the radiated spurious emissions measured in permanent operation mode in the specified channel. This measurement have been performed in order to find out the maximum spurious emissions of the transmitter.

Based on this test results, the measurements have been performed completely on the specified channel. This test results are documented in the following sections of the testreport.

### **TEST RESULT**

# CONDUCTED EMISSIONS - 10/150 kHz - 30 MHz

#### Test location:

- o Shielded room no. 1
- o Shielded room no. 2
- o Shielded room no. 3
- o Shielded room no. 4
- o Shielded room no. 5
- o Shielded room no. 6
- o Shielded room no. 7
- o Anechoic chamber
- o Full compact chamber

For test instruments and test accessories used please see attachment B A4

### **Description of Measurement**

The final level, expressed in  $dB\mu V$ , is arrived at by taking the reading directly from the EMI receiver. This level is compared directly to the FCC Limit or to the CISPR limit, which is equivalent to the Australian AS 3548 limit.

To convert between dB $\mu$ V and  $\mu$ V, the following conversions apply:

 $dB\mu V = 20(log~\mu V)$  $\mu V = lnverse~log(dB\mu V/20)$ 

Conducted emissions on the 50 Hz and/or 60 Hz power interface of the EuT are measured in the frequency range of 150 kHz to 30 MHz. The measurements are performed using a receiver, which has CISPR characteristic bandwidth and quasi-peak detection, and a Line Impedance Stabilization Network (LISN), with  $50\Omega/50~\mu H$  (CISPR 16) characteristics. Table top equipment is placed on a non-conducting table 80 centimeter's above the floor and is positioned 40 centimeter's from the vertical ground plane (wall) of the screen room. If the minimum passing margin appears to be less than 20 dB with a peak mode measurement, the emissions are remeasured using a tuned receiver with quasi-peak and average detection and recorded on the data sheets.

# **Test result:**

The requirements are	o - MET			o - NOT MET
Min. limit margin		dB	at	MHz
Max. limit exceeding		dB	at	MHz
Remarks:				

#### SPURIOUS EMISSION

Spurious emissions from the EuT are measured in the frequency range of 30 MHz to 10 times the highest used frequency using a tuned receiver and appropriate broadband linearly polarized antennas. Measurements between 30 MHz and 1000 MHz are made with 120 kHz/6 dB bandwidth and quasi-peak detection and measurements above 1000 MHz are made with a 1 MHz/6 dB bandwidth and peak detection, remeasurement of results which may be critical will be repeated in average mode. Table top equipment is placed on a 1.0 X 1.5 meter non-conducting table 80 centimetres above the ground plane. Floor standing equipment is placed directly on the turntable/ground plane. Interface cables that are closer than 40 centimetres to the ground plane are bundled in the center in a serpentine fashion so they are at least 40 centimetres from the ground plane. Cables to simulators/testers (if used in this test) are routed through the center of the table and to a screen room located outside the test area. The antenna was positioned 3, 10 or 30 meters horizontally from the EuT. To locate maximum emissions from the test sample the antenna is varied in height from 1 to 4 meters, measurement scans are made with both horizontal and vertical antenna polarization's and the EuT are rotated 360 degrees.

# SPURIOUS EMISSION (MAGNETIC FIELD) 9 kHz - 30 MHz

#### ■ - Test not applicable

- o in a shielded room
- o at a non reflecting open-site
- o in a test distance of 3 meters.
- o in a test distance of 30 meters.

For test instruments and test accessories used please see attachment B SER1

#### **Description of Measurement**

The final level, expressed in  $dB\mu V/m$ , is arrived at by taking the reading from the EMI receiver (Level  $dB\mu V$ ) and adding the antenna correction factor and cable loss factor (Factor dB) to it. This result then has to be compared with the relevant FCC limit.

The resolution bandwidth during the measurement is as follows:

9 kHz – 150 kHz: ResBW: 200 Hz 150 kHz – 30 MHz: ResBW: 10 kHz

#### Example:

Frequency	Level	+	Factor	= Level	Limit	=	Delta
(MHz)	(dBµV)		(dB)	(dBµV/m)	(dBµV/m)		(dB)
1.705	5	+	20	= 25	30	=	5

# **Testresult in detail:**

Frequency [MHz]	L: PK [dBµV]	L: AV [dBµV]	L: QP [dBµV]	Correct. [dB]	L: PK [dBµV/m]	L: AV [dBµV/m]	L: QP [dBµV/m]	Limit [dBµV/m]

The requirements are	o - MET	o - NOT MET
Min. limit margin	dB	MHz
Min. limit margin	dB	MHz
Remarks:		

# SPURIOUS EMISSIONS (electric field) 30 MHz - 1000 MHz

0		Test	not	ар	plicable
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#### **Test location:**

- Open-site 1
- o Open-site 2
- - 3 meters
- o 10 meters
- o 30 meters

For test instruments and test accessories used please see attachment B SER2

# **Description of Measurement**

The final level, expressed in  $dB\mu V/m$ , is arrived by taking the reading from the EMI receiver (Level  $dB\mu V$ ) and adding the correction factors and cable loss factor (Factor dB) to it. This is done automatically in the EMI receiver, where the correction factors are stored. This result then has the FCC or CISPR limit subtracted from it to provide the Delta which gives the tabular data as shown in the data sheets at page 24 - 25. The CISPR 22 limit is equivalent to the Australian AS 3548 limit.

#### Example:

Frequency	Level	+	Factor	=	Level	Limit	=	Delta
(MHz)	(dBµV)		(dB)		(dBµV/m)	(dBµV/m)		(dB)
719	75	+	32.6	=	107.6	110	=	-2.4

#### **Testresult in detail:**

Frequency [MHz]	L: PK [dBµV]	L: AV [dBµV]	L: QP [dBµV]	Correct. [dB]	L: PK [dBµV/m]	L: AV [dBµV/m]	L: QP [dBµV/m]	Limit [dBµV/m]
630.0	22.7	18.7	19.6	28.2	50.8	46.9	47.8	55.6
945.0	0.4	6.2	9.5	35.8	36.4	42.0	45.3	55.6

# **Test result:**

The requirements are		■ - MET	o - NOT MET		
Min. limit ma	ırgin	_7.8 dB	630.0 MHz		
Max. limit ex	ceeding	dB	MHz		
Remarks:	The limits are met.				

# **SPURIOUS EMISSION 1 GHz - 18 GHz**

# o - Test not applicable

#### **Testlocation:**

- o Open-site 1
- o Open-site 2
- Anechoic chamber
- o Full compact chamber
- o 1 meters
- - 3 meters
- o 10 meters

For test instruments and test accessories used please see attachment B SER3

# **Description of Measurement**

The final level, expressed in  $dB\mu V/m$ , is arrived by taking the reading from the Spectrumanalyzer in  $dB\mu V$  and adding the correction factors of the test setup incl. cables.

Example of the correction value at 1.8 GHz

Level reading	Correction	correction	Correction	corrected
at	EMCO 3115	Amplifier	factor	level
1.8 GHz		AWT 4534 + cable	(summarized)	
56 dBµV	+27.3 dB	-41.2 dB	-15.8 dB	42.1 dBµV/m

# Testresult in detail:

Frequency [MHz]	L: PK [dBµV]	L: AV [dBµV]	Correct. [dB]	L: PK [dBµV/m]	L: AV [dBµV/m]	Limit [dBµV/m]
1259.0	53.5	45.2	-15.3	38.2	29.9	55.6
1890.0	55.5	45.1	-12.7	42.8	32.4	55.6
2202.0	63.8	46.8	-11.3	52.2	35.5	55.6
2521.0	53.8	43.5	-10.6	43.2	32.9	55.6
2834.0	50.8	40.0	-10.1	40.7	29.9	55.6
3152.0	51.4	41.7	-9.5	41.9	32.2	55.6

# **Testresult**

The requirements are	■ - MET	o - NOT M	ET		
Min. limit margin	_20.1 dB	2202.0	MHz		
Max. limit exceeding	dB		MHz		
Remarks: The measurement was performed up to the 10 <sup>th</sup> harmonic (3150 MHz).					

# FIELD STRENGTH OF THE FUNDAMENTAL WAVE

#### o - Test not applicable

- Open-site 1
- o Open-site 2
- - 3 meters
- o 10 meters
- o 30 meters

For test instruments and test accessories used please see attachment B CPR2

# **Description of Measurement**

The final level, expressed in  $dB\mu V/m$ , is arrived by taking the reading from the EMI receiver (Level  $dB\mu V$ ) and adding the correction factors and cable loss factor (Factor dB) to it. This is done automatically in the EMI receiver, where the correction factors are stored. This result then has the FCC or CISPR limit subtracted from it to provide the Delta which gives the tabular data as shown in the data sheets at page 24 - 25. The CISPR 22 limit is equivalent to the Australian AS 3548 limit.

#### Example:

Frequency	Level	+	Factor	=	Level	- Limit	=	Delta
(MHz)	(dBµV)		(dB)		(dBµV/m)	(dBµV/m)		(dB)
315	45	+	22.5	=	67.5	- 74.3	=	-6.8

# **Testresult in detail:**

Frequency [MHz]	L: PK [dBµV]	L: AV [dBµV]	L: QP [dBuV]	Correct. [dB]	L: PK [dBµV/m]	L: AV [dBµV/m]	L: QP [dBµV/m]	Limit [dBµV/m]
315.0	54.5	52.5	51.8	21.6	76.1	74.1	73.4	75.6

#### **Testresult**

The requirem	nents are	■ - MET	o - NOT MET
Min. limit ma	argin	dB	315.0 MHz
Max. limit ex	ceeding	dB	MHz
Remarks:	The limits are kept.		

# CONDUCTED POWER OF THE FUNDAMENTAL WAVE MEASURED ON THE ANTENNA TERMINALS

<ul><li>Test no</li></ul>	ot applica	ble
---------------------------	------------	-----

#### **Testlocation:**

- o Shielded room no. 1
- o Shielded room no. 2
- o Shielded room no. 3
- o Shielded room no. 4
- o Shielded room no. 5
- o Shielded room no. 6
- o Shielded room no. 7
- o Anechoic chamber
- o Full compact chamber
- o Climatic test chamber VLK

For test instruments and test accessories used please see attachment B CPC2

## **Description of Measurement**

The conducted power of the fundamental wave measured on the antenna terminals in a climatic test chamber. The antenna jack was connected to the input of a communication test receiver. The internal batteries have been removed also and a variable DC power supply was used instead. The measurements have been made with the EuT unmodulated. During the test the supply voltage and the temperature were varied and applied simultaneously. The lower supply voltage was given by the manufacturer. In case the equipment was switching off before, the switch off voltage was used instead.

#### **Testresult**

The requirements are o - MET o - NOT MET

Frequency range of equipment								
Temperatur	DC supply voltage	Power						
е	V	dBm						
°C								
-30								
-20								
-10								
0								
+10								
+20								
+30								
+40								
+50								

Remarks:			

# **EQUIPMENT UNDER TEST**

# Operation - mode of the EuT.:

The equipment under test was operated during the measurement under following conditions:

o - Standby	
o - Test program (H - Pattern)	
o - Test program (colour bar)	
■ - Test program (customer specif	fic)
Continuous transmitting	
	ment under test: see attachment D d interface cables were connected during
0	
0 -	
0	Type :
0	
0	
0	Type :
o - unshielded power cable	
o - unshielded cables	
o - shielded cables	MBPS.No.:
o - customer specific cables	
0	

# SUMMARY

# **GENERAL REMARKS:**

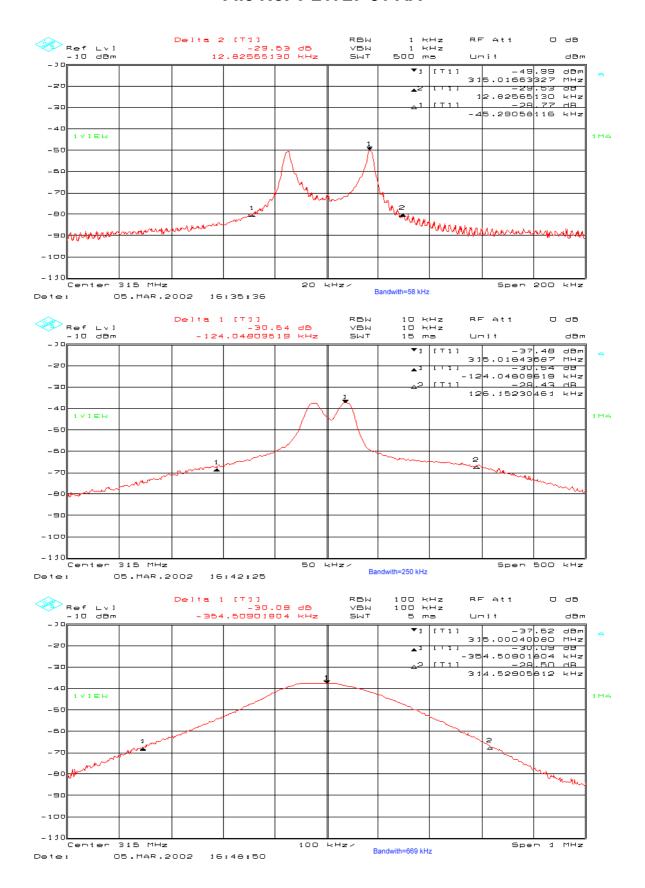
The product 5WK47292 has been tested on the following frequency: TX-Mode: 315.0 MHz						
The unit measurements met also the bandwidth requirements.						
The EuT complies with the requirements described under 15.231(a) regarding the activation/deactivation of the transmitter. The transmitter on time is smaller than 5 seconds after activation.						
FINAL JUDGEMENT:						
The requirements according to the technical regulations and tested operation modes are						
■ - met.						
o - <b>not</b> met.						
The Equipment Under Test						
■ - Fulfils the general approval requirements according to page 3.						
o - <b>Does not</b> fulfil the general approval requirements according to page 3.						
Date of receipt of test sample : accdg. to storage record of MBPS						
Testing start date : February 21, 2002						
Testing end date : March 05, 2002						
Checked by: Tested by:						

Günter Mikes Dipl.Ing.(FH) Anton Altmann Dipl.Ing.(FH)

#### Attachment A1

## 5WK47292 FCC ID: KR55WK47292

# File No. T 21727-01 AA





# Attachment: B

# List of Test Equipment

All test instruments used, in addition to the test accessories, are calibrated and verified regularly.

Test Report No:

T 21727-1-01 AA

Beginning of Testing: 21-Februar-2002

Test ID	Model Type	Kind of Equipment	Manufacturer	Equipment No.
CPR2	HCC	Controller AntMast	Rohde & Schwarz München	04-07/59-97-001
	RG 214 U	Antenna Cable 2 m	Huber+Suhner	04-07/60-89-463
	HF 7/8 inch	Antenna Cable 13 m	Huber+Suhner	04-07/60-99-001
	HF 7/8 inch	Antenna Cable 20 m	Huber+Suhner	04-07/60-99-002
	HF 7/8 inch	Antenna Cable 40 m	Huber+Suhner	04-07/60-99-003
	KR - 200	Coax Antenna Switch	Rosenberger HF-Technik	04-07/60-99-004
	VULB - 9165	Super Broadband Antenn	Schwarzbeck Mess-Elektronik	04-07/62-00-001
	ESVP	Test Receiver	Rohde & Schwarz München	04-07/63-89-008
	ESVP-EZM	Spectrum Monitor	Rohde & Schwarz München	04-07/74-86-016
	Antenna Mast	Antenna Mast	Rohde & Schwarz München	04-07/92-97-001
MB	UHF	Telescopic Rod Antenna	Conrad Elektronic GmbH	04-07/62-01-008
	FSEM 30	Spectrum Analyser	Rohde & Schwarz München	04-07/74-97-001
SER2	Controller for Turntable	Controller for Turntable Controller EMISYS Vertriebs GmbH		04-07/59-89-157
	нсс	Controller AntMast	Rohde & Schwarz München	04-07/59-97-001
	RG 214 U	Antenna Cable 2 m	Huber+Suhner	04-07/60-89-463
	HF 7/8 inch	Antenna Cable 13 m	Huber+Suhner	04-07/60-99-001
	HF 7/8 inch	Antenna Cable 20 m	Huber+Suhner	04-07/60-99-002
	HF 7/8 inch	Antenna Cable 40 m	Huber+Suhner	04-07/60-99-003
	KR - 200	Coax Antenna Switch	Rosenberger HF-Technik	04-07/60-99-004
	VULB - 9165	Super Broadband Antenn	Schwarzbeck Mess-Elektronik	04-07/62-00-001
	ESVP	Test Receiver	Rohde & Schwarz München	04-07/63-89-008
	ESVP-EZM	Spectrum Monitor	Rohde & Schwarz München	04-07/74-86-016
	Turntable 2 m	Turntable	EMISYS Vertriebs GmbH	04-07/92-89-156
	Antenna Mast	Antenna Mast	Rohde & Schwarz München	04-07/92-97-001
SER3	Sucoflex 104, SMA	RF Cable 2 m	Huber+Suhner	04-07/60-97-485
	Sucoflex 104, N	RF Cable 3 m	Huber+Suhner	04-07/60-97-492
	Model 3115	Horn Antenna	EMCO Elektronik GmbH	04-07/62-96-458
	AWT-4534	Microwave Amplifier	TransTech Hochfrequenztechn	
	FSEM 30	Spectrum Analyser	Rohde & Schwarz München	04-07/74-97-001
	Turntable 2 m	Turntable	EMISYS Vertriebs GmbH	04-07/92-89-160

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Page 1 of 1

# CONSTRUCTIONAL DATAFORM FOR TESTING OF RADIO EQUIPMENT

Licence holder:	Siemens VDO Automotive AG		
Address:	Wernerwerkstrasse 2, D-93049 Regensburg, Germany		
Manufacturer:	Siemens VDO Automotive AG		
Address:	Wernerwerkstrasse 2, D-93049 Regensburg, Germany		
Туре:	Remote control transmitter		
Model:	5WK4 7292		
Serial-No.:	Protection class:		

Antenna:				
transmitter:	Type: integral			
	Length/size: 9 x 1	I4 mm		
receiver:	Туре:			
	Length/size:			
Power supply of the transmitter:				
Type:	battery	nominal voltage:	3 V	
		lowest voltage:	2,4 V	:
		highest voltage:	3,3	
Power supply of the receiver:				
Туре:		nominal voltage:		V

#### **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
	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

O If applicable, if necessary complete overleaf

Page D1

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Tel.: +49 94 24 94 07-0 Fax.: +49 94 24 94 07-60

Rev.No.: 2.1

Applicant: Siemens VDO Automotive AG

Model-name: 5WK4 7292

Type designation:			
5WK4 7292			·
	·		÷
Name and type designation	n of individual units compr	ising the radio equipment:	
Not applicable			
	·	•	
Type of equipment:			
☐ Radiotelephone	⊠Remote-control	☐ Radiomaritime	□ LPD
equipment	equipment	equipment	4
☐ One-way	☐ Inductive loop system	□ Inland waterways	□ RLAN
radiotelephone		equipment	•
equipment	<b>5 8 8 9 9</b>	C. Dadianavination	_
☐ Personal paging	☐ Radio-relay system	☐ Radionavigation	
system	☐ CB radiotelephone	equipment  Antenna	
☐ Satellite earth station	equipment	Li Aliternia	
☐ Data transmission	☐ Movement detector	☐ Aeronautical	
equipment	E Motomoni dototo.	equipment	· .
Technical characteristics:		• •	
reclinical characteristics.			
	Transmitter-receiver	Transmitter	Receiver
Frequency range		315 MHz ± 75 kHz	
Maximum no. of channels		1	
Channel spacing		1	·
Class of emission		K1D	
(type of modulation)		OF JD.	
Maximum RF output power		<-25 dBm < 1 mW	
Maximum effective		< 1 11100	]
radiated power (ERP)		not applicable	
Output power variable Channel switching		not applicable	1
frequency range		Hot applicable	·
nequency range			
Method of frequency	☐ Synthesizer	☑ Crystal	☐ Other
generation			
Frequency generation TX			
Frequency generation RX			
IF	1st IF	2nd IF	3rd IF
Interval calcative calling	T		
Integral selective calling			
Audio-frequency interface			
level at external data	and the second second		· ·
socket			*.
Ad-day of an ending	Dunley made	C Comi dunlov modo	Simplex mode     ■ Simp
Modes of operation	☐ Duplex mode	☐ Semi-duplex mode	M Simplex mode
Power source	☐ Mains	☐ Vehicle-regulated	
Antenna socket	☐ BNC	☐ TNC	□ N .
	□ M	□ UHF	☐ Adapter
	None     Non		· 🗆 .
Test specifications:			
1			

# **Declarations:**

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

Regensburg,	17.01.2002 date	Mirad Mys	
place of issue		Seal and signature of applicant	