

Prüfbericht - Nr.: 16019833 001

Seite 1 von 23

Test Report No.:

Page 1 of 23

Auftraggeber:

Client:

Uni-Art Precise Products Ltd.
11-12/F., YUE XIU IND'L BLDG.
87 HUNG TO ROAD,
KWUN TONG, KOWLOON
HONG KONG

Gegenstand der Prüfung: Wireless Audio Transmitter

Test item:

Bezeichnung:

Identification:

AKG T912

FCC ID:

FCC ID

MVAT912-001T

Wareneingangs-Nr.:

Receipt No.:

173047769

Eingangsdatum:

Date of receipt:

Sep. 22, 2009

Prüfört:

Testing location:

TÜV Rheinland (Guangdong) Ltd. EMC
Laboratory

Guangzhou Auto Market, Yuan Gang Section of
Guangshan Road, Guangzhou 510650,
P. R. China

Listed test laboratory
according to FCC rules
section 2.948 for
measuring devices under
Parts 15

Prüfgrundlage:

Test specification:

ANSI C63.4: 2003

FCC Part 15: July 10, 2008

Subpart C section 15.207, 15.209 and 15.249

Prüfergebnis:

Test Result:

Der Prüfgegenstand entspricht oben genannter Prüfgrundlage(n).

The test item passed the test specification(s).

Prüflaboratorium:

Testing Laboratory:

TÜV Rheinland (Guangdong) Ltd.

geprüft/ tested by:

kontrolliert/ reviewed by:

Dec. 3, 2009

Ken Kuang/Project Engineer

Datum

Date

Name/Stellung

Name/Position

Unterschrift

Signature

Dec. 3, 2009

Ricky Liu/Project Manager

Datum

Date

Name/Stellung

Name/Position

Unterschrift

Signature

Sonstiges/ Other Aspects:

Abkürzungen:

P(ass) = entspricht Prüfgrundlage
F(ail) = entspricht nicht Prüfgrundlage
N/A = nicht anwendbar
N/T = nicht getestet

Abbreviations:

P(ass) = passed
F(ail) = failed
N/A = not applicable
N/T = not tested

Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.

This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

Prüfbericht - Nr.: 16019833 001

Test Report No.:

Seite 2 von 23

Page 2 of 23

TEST SUMMARY

5.1 CONDUCTED EMISSION FOR FCC PART 15 PER SECTION 15.207(A)

RESULT: Pass

5.2 RADIATED EMISSION FOR FCC PART 15 PER SECTION 15.209(A)

RESULT: Pass

5.3 FUNDAMENTAL AND HARMONICS RADIATED EMISSION FOR FCC PART 15 PER SECTION 15.249(A)

RESULT: Pass

Prüfbericht - Nr.: 16019833 001
Test Report No.:

Seite 3 von 23
Page 3 of 23

Contents

1	GENERAL REMARKS.....	4
1.1	COMPLEMENTARY MATERIALS	4
2	TEST SITES.....	4
2.1	TEST FACILITIES	4
2.2	LIST OF TEST AND MEASUREMENT INSTRUMENTS	5
2.3	TRACE ABILITY	5
2.4	CALIBRATION	6
2.5	MEASUREMENT UNCERTAINTY	6
2.6	LOCATION OF ORIGINAL DATA.....	6
2.7	STATUS OF FACILITY USED FOR TESTING.....	6
3	GENERAL PRODUCT INFORMATION.....	7
3.1	PRODUCT FUNCTION AND INTENDED USE	7
3.2	RATINGS AND SYSTEM DETAILS	7
3.3	INDEPENDENT OPERATION MODES	8
3.4	SUBMITTED DOCUMENTS	8
4	TEST SET-UP AND OPERATION MODE	9
4.1	PRINCIPLE OF CONFIGURATION SELECTION.....	9
4.2	TEST OPERATION AND TEST SOFTWARE.....	9
4.3	SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	9
4.4	COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE	9
4.5	TEST SET-UP.....	10
5	TEST RESULTS EMISSION	12
5.1	CONDUCTED EMISSION FOR FCC PART 15 PER SECTION 15.207(A)	12
5.2	RADIATED EMISSION FOR FCC PART 15 PER SECTION 15.209(A).....	14
5.3	FUNDAMENTAL AND HARMONICS RADIATED EMISSION FOR FCC PART 15 PER SECTION 15.249(A).....	17
6	PHOTOGRAPHS OF THE TEST SET-UP	20
7	LIST OF TABLES.....	23
8	LIST OF PHOTOGRAPHS.....	23

Prüfbericht - Nr.: 16019833 001
Test Report No.:

Seite 4 von 23
Page 4 of 23

1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix 1: Test result-26dB bandwidth

2 Test Sites

2.1 Test Facilities

TÜV Rheinland (Guangdong) Ltd. EMC Laboratory

Guangzhou Auto Market, Yuan Gang Section of Guangshan Road
Guangzhou 510650

P. R. China

Prüfbericht - Nr.: 16019833 001

Test Report No.:

Seite 5 von 23

Page 5 of 23

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Type	Manufacturer	S/N	Calibrated until	Calibrated Interval
EMI Test Receiver	ESCI-3	Rohde & Schwarz	100216	16.Mar.2010	1 year
Spectrum Analyzer	FSP30	Rohde & Schwarz	100286	27.Aug.2010	1 year
Trilog-Broadband Antenna	VULB9168	SCHWARZBECK MESS- ELEKTRONIK	209	07.Nov.2010	2 year
Double-Ridged Waveguide Horn Antenna	HF906	Rohde & Schwarz	100385	18.Jul.2010	2 year
Pre-amplifier	AFS42-00101800-25-S-42	MITEQ	1101599	31.Jul.2010	2 year
Band Reject Filter	BRM50702	Micro-Tronics	023	14.Mar.2010	2 year
Pre-amplifier	AFS33-18002650-30-8P-44	MITEQ	1108282	16.Mar.2010	2 year
3m Anechoic Chamber	N/A	Albatross Project GmbH	N/A	10.Feb.2010	1 year
Loop Antenna	HFH2-Z2	Rohde & Schwarz	100111	25.Nov.2011	2 year
EMI Test Receiver	ESCS30	Rohde & Schwarz	100316	16.Mar.2010	1 year
Two-Line V-Network	ESH3-Z5	Rohde & Schwarz	100308	16.Mar.2010	1 year
Pulse Limiter	ESH3-Z2	Rohde & Schwarz	100701	16.Mar.2010	1 year
Audio generator	TAG-101	LWDQGS	358033	16.Mar.2011	1 year
Noise generator	DM8899	DM	607014	16.Mar.2010	1 year

2.3 Trace ability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, to equivalent nationally recognized standards organizations.

Prüfbericht - Nr.: 16019833 001
Test Report No.:

Seite 6 von 23
Page 6 of 23

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

Uncertainty for conducted emissions measurements is $\pm 2.51\text{dB}$.

Uncertainty for radiated emissions measurements is $\pm 4.9\text{dB}$ (30MHz-1GHz), $\pm 4.84\text{dB}$ (>1GHz).

The reported expanded uncertainty is based on a standard uncertainty multiply by a coverage factor $k=2$, providing a level of confidence of approximately 95%.

2.6 Location of original data

The original copies of all test data taken during actual testing were attached at Appendix 1 of this report and delivered to the applicant. A copy has been retained in the TUV Rheinland (Guangzhou) file for certification follow-up purposes.

2.7 Status of facility used for testing

TÜV Rheinland (Guangdong) Ltd. EMC Laboratory; Guangzhou Auto Market, Yuan Gang Section of Guangshan Road, Guangzhou 510650, P. R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements, the register no. 833845

Prüfbericht - Nr.: 16019833 001
Test Report No.:

Seite 7 von 23
Page 7 of 23

3 General Product Information

Brief description of the test samples:

The submitted sample AKG T912 is a 900MHz transmitter for wireless speaker system with 3 channels available. Stereo audio signal input to the audio-in port of the sample and modulated as a FM signal for transmission. 19 kHz pilot signal is also included in the RF signal as complete FM transmission. The antenna type is integrated.

3.1 Product Function and Intended Use

For details, refer to technical documentation and the user manual.

3.2 Ratings and System Details

Type designation	:	AKG T912
Frequency range	:	915.50MHz, 916.00MHz, 916.50MHz
Number of channels	:	3 channels
Type of antenna	:	Integral antenna
FCC ID	:	MVAT912-001T
Power supply	:	AC/DC adaptor input
Ports	:	Audio input; 8V DC input; DC Charge output port (to the relative headphone receiver)
RF Power level	:	<50 mV/m
Protection Class	:	III

Refer to the technical documentation for further information

Prüfbericht - Nr.: 16019833 001

Test Report No.:

Seite 8 von 23

Page 8 of 23

3.3 Independent Operation Modes

The basic operation modes are:

Transmitting and standby

For further information refer to User Manual

3.4 Submitted Documents

Block Diagram
Circuit Diagram
Components List
PCB layout
FCC label
User Manual
Photo document

Prüfbericht - Nr.: 16019833 001
Test Report No.:

Seite 9 von 23
Page 9 of 23

4 Test Set-up and Operation Mode

4.1 Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Refer to Test set-up in chapter 5.

4.3 Special Accessories and Auxiliary Equipment

The product has been tested together with the following switching power supply AC/DC Adaptor:

Model number	: SUV-005-080-020-A2
Input	: AC 100-240V, 50/60Hz
Output	: DC 8V / 200mA
Protection class	: II

4.4 Countermeasures to achieve EMC Compliance

The test sample, which has been tested, contained the noise suppression parts as described in the technical document. No additional measures were employed to achieve compliance.

4.5 Test set-up

Diagram 1 of Measurement Equipment Configuration for Testing Conducted Emission

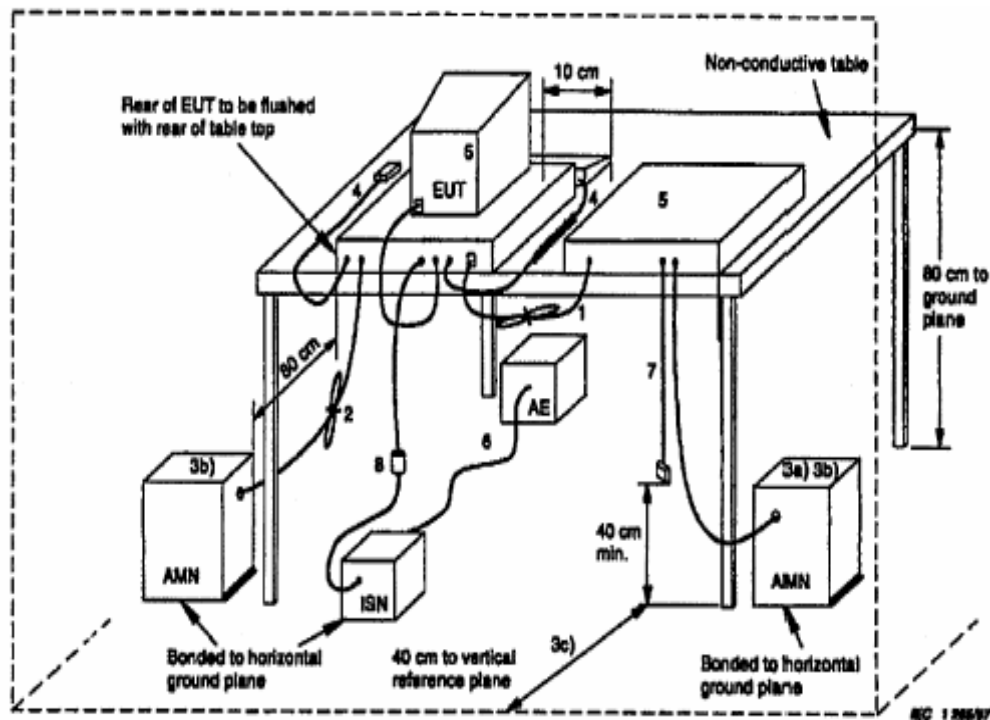
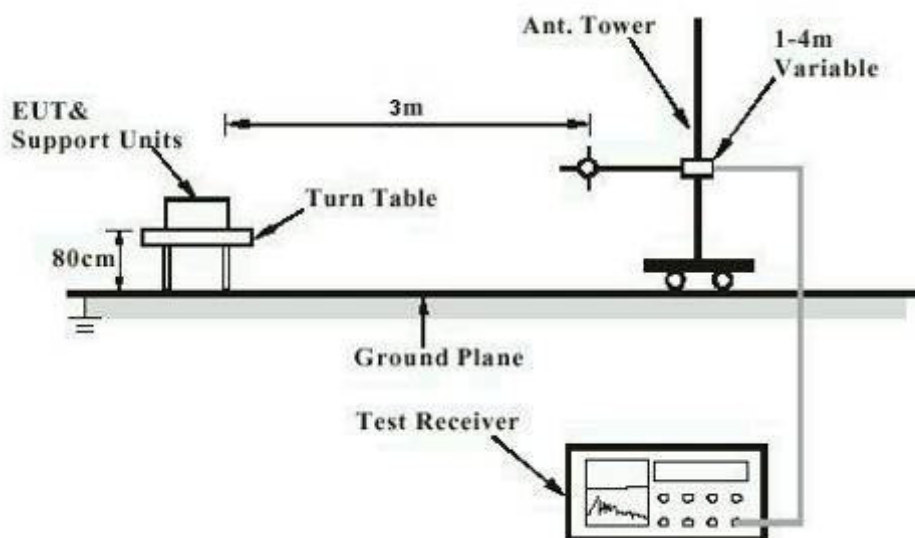


Diagram 2 of Measurement Equipment Configuration for Testing Radiated Emission



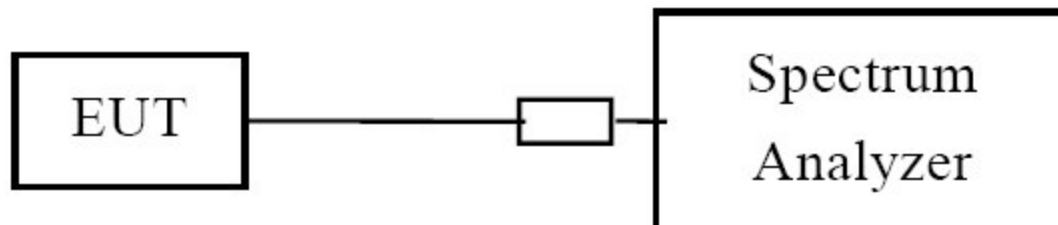
Prüfbericht - Nr.: 16019833 001

Test Report No.:

Seite 11 von 23

Page 11 of 23

Diagram 3 of Configuration for Testing other test items



Prüfbericht - Nr.: 16019833 001
Test Report No.:

Seite 12 von 23
Page 12 of 23

5 Test Results EMISSION

5.1 Conducted Emission for FCC Part 15 Per Section 15.207(a)

RESULT:

Pass

Date of testing	:	Oct. 22, 2009
Test specification	:	FCC Part 15 Per Section 15.207(a)
Limits	:	FCC Part 15 Per Section 15.207(a)
Test procedure	:	Procedure specified in ANSI C63.4 were followed
Deviations from Standard Test procedures	:	None
Kind of test site	:	Shielded room
Operation mode	:	Transmitting
Power supply	:	AC 120V to the AC/DC adaptor
Temperature	:	21°C
Humidity	:	51%

Test procedure:

1. Place the EUT as specified in ANSI C63.4 Clause 7.2.1
2. Plug the LISN to a correct power source (pay attention to: AC/DC, voltage, frequency).
4. Connect the EUT to LISN and choose N or L1 on the LISN.
5. Connect ESCS30 and LISN via a 50-ohm coaxial cable and a pulse limiter then begin exploratory measurement as specified in ANSI C63.4 Clause 7.2.3
6. Make final measurement as specified in ANSI C63.4 Clause 7.2.4
7. Switch to the other line on the LISN and repeat step 4 to 6.

Prüfbericht - Nr.: 16019833 001

Test Report No.:

Seite 13 von 23

Page 13 of 23

Table 2: Disturbance Voltage on AC Mains

Frequency [MHz]	Line L/N	QP [dB μ V]	AV [dB μ V]	Quasi Peak Limit [dB μ V]	Average Limit [dB μ V]
0.186	N	45.7	/	64.2	/
0.289	L	41.0	/	60.5	/
0.469	N	37.2	/	56.7	/
0.730	L	37.2	/	56.0	/
1.162	L	34.4	/	56.0	/
3.678	L	32.9	/	56.0	/
4.933	L	34.2	/	56.0	/
5.235	L	33.8	/	56.0	/
0.190	N	/	32.0	/	54.0
0.361	N	/	30.1	/	48.7
0.406	L	/	33.3	/	47.7
0.735	L	/	28.7	/	46.0
1.180	L	/	25.0	/	46.0
1.576	L	/	23.9	/	46.0
4.911	L	/	28.0	/	46.0
5.307	L	/	27.6	/	50.0
*)					

*) Measurement is made from 150 kHz to 30 MHz. Disturbances other than those mentioned above are small or not detectable.

If the result of the measurement with the Quasi Peak detector is below the Average limit, the measurement with Average Detector may be omitted.

Prüfbericht - Nr.: 16019833 001

Test Report No.:

Seite 14 von 23

Page 14 of 23

5.2 Radiated Emission for FCC Part 15 Per Section 15.209(a)

RESULT:

Pass

Date of testing	:	Oct. 21, 2009
Test specification	:	FCC Part 15 Per Section 15.209(a)
Limits	:	FCC Part 15 Per Section 15.209(a)
Frequency Range	:	9kHz to 10GHz
Test procedure	:	Procedure specified in ANSI C63.4 were followed
Deviations from Standard Test procedures	:	None
Kind of test site	:	3m Semi-anechoic chamber
Operation mode	:	Transmitting
Power supply	:	AC 120V to the AC/DC adaptor
Temperature	:	22°C
Humidity	:	40%

Test procedure:

1. The EUT was placed on the top of a rotatable table 0.8 meters above the ground with 3-orthogonal direction and be kept close enough to the receiving antenna. The table was rotated 360 degrees to determine the suspected emission frequency and the position of the worst radiation case with both horizontal and vertical antenna polarization.
2. The EUT was then set 3 meters away from the receiving antenna, which was mounted on a variable-height antenna tower.
3. For each suspected emission frequency recorded in step 1, the EUT was arranged to its worst case and:
for tests below 30MHz the loop antenna is positioned with its plane vertical and the center of it is 1m above the ground. During the tests it is rotated about its vertical axis for maximum response at each azimuth about the EUT;
for tests above 30MHz the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to read the maximum emission.

Prüfbericht - Nr.: 16019833 001

Test Report No.:

Seite 15 von 23

Page 15 of 23

Table 3: Radiated Emission (Transmitting at channel low)

Frequency	QP	AV	PK	Polarity	Limit		
					QP	AV	PK
[MHz]	[dBμ V/m]			(H/V)	[dBμ V/m]		
40.200000	10.4	N/A	N/A	H	40.0	N/A	N/A
49.800000	10.8	N/A	N/A	H	40.0	N/A	N/A
120.400000	10.9	N/A	N/A	H	43.5	N/A	N/A
153.300000	12.0	N/A	N/A	H	43.5	N/A	N/A
368.050000	13.0	N/A	N/A	H	46.0	N/A	N/A
501.100000	21.3	N/A	N/A	H	46.0	N/A	N/A
45.500000	11.8	N/A	N/A	V	40.0	N/A	N/A
57.000000	25.2	N/A	N/A	V	40.0	N/A	N/A
80.800000	18.2	N/A	N/A	V	40.0	N/A	N/A
99.300000	17.6	N/A	N/A	V	43.5	N/A	N/A
112.500000	18.3	N/A	N/A	V	43.5	N/A	N/A
649.000000	20.0	N/A	N/A	V	46.0	N/A	N/A
*)---							

Table 4: Radiated Emission (Transmitting at channel mid)

Frequency	QP	AV	PK	Polarity	Limit		
					QP	AV	PK
[MHz]	[dBμV/m]			(H/V)	[dBμV/m]		
38.400000	10.7	N/A	N/A	H	40.0	N/A	N/A
54.900000	10.8	N/A	N/A	H	40.0	N/A	N/A
127.000000	10.7	N/A	N/A	H	43.5	N/A	N/A
143.600000	13.9	N/A	N/A	H	43.5	N/A	N/A
228.000000	9.9	N/A	N/A	H	46.0	N/A	N/A
711.900000	20.7	N/A	N/A	H	46.0	N/A	N/A
45.500000	11.7	N/A	N/A	V	40.0	N/A	N/A
57.000000	23.6	N/A	N/A	V	40.0	N/A	N/A
80.500000	18.3	N/A	N/A	V	40.0	N/A	N/A
100.100000	16.7	N/A	N/A	V	43.5	N/A	N/A
113.200000	17.0	N/A	N/A	V	43.5	N/A	N/A
602.800000	18.9	N/A	N/A	V	46.0	N/A	N/A
*)---							

Prüfbericht - Nr.: 16019833 001

Test Report No.:

Seite 16 von 23

Page 16 of 23

Table 5: Radiated Emission (Transmitting at channel high)

Frequency	QP	AV	PK	Polarity	Limit		
					QP	AV	PK
[MHz]	[dBμ V/m]			(H/V)	[dBμ V/m]		
41.100000	11.2	N/A	N/A	H	40.0	N/A	N/A
55.100000	10.7	N/A	N/A	H	40.0	N/A	N/A
110.400000	9.9	N/A	N/A	H	43.5	N/A	N/A
146.400000	12.0	N/A	N/A	H	43.5	N/A	N/A
224.300000	8.4	N/A	N/A	H	46.0	N/A	N/A
496.600000	15.8	N/A	N/A	H	46.0	N/A	N/A
45.500000	11.9	N/A	N/A	V	40.0	N/A	N/A
57.000000	23.7	N/A	N/A	V	40.0	N/A	N/A
79.900000	17.0	N/A	N/A	V	40.0	N/A	N/A
99.000000	16.7	N/A	N/A	V	43.5	N/A	N/A
114.000000	17.1	N/A	N/A	V	43.5	N/A	N/A
767.500000	21.5	N/A	N/A	V	46.0	N/A	N/A
*)---							

*) Note:

The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 200Hz at frequency from below 150 kHz

The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz at frequency from 150 kHz to 1GHz.

The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz at frequency above 1GHz.

Measurement is made from 9 kHz to 10 GHz. Disturbances other than those mentioned above are small or not detectable.

Prüfbericht - Nr.: 16019833 001

Test Report No.:

Seite 17 von 23

Page 17 of 23

5.3 Fundamental and harmonics Radiated Emission for FCC Part 15 Per Section 15.249(a)

RESULT:

Pass

Date of testing	:	Oct. 20, 2009
Test specification	:	FCC Part 15 Per Section 15.249(a)
Limits	:	FCC Part 15 Per Section 15.249(a)
Frequency Range	:	30MHz to 10GHz
Test procedure	:	Procedure specified in ANSI C63.4 were followed
Deviations from Standard Test procedures	:	None
Kind of test site	:	3m Semi-anechoic chamber
Operation mode	:	Transmitting
Power supply	:	AC 120V to the AC/DC adaptor
Temperature	:	22°C
Humidity	:	51%

Test procedure:

1. The EUT was placed on the top of a rotatable table 0.8 meters above the ground with 3-orthogonal direction and be kept close enough to the receiving antenna. The table was rotated 360 degrees to determine the suspected emission frequency and the position of the worst radiation case with both horizontal and vertical antenna polarization.
2. The EUT was then set 3 meters away from the receiving antenna, which was mounted on a variable-height antenna tower.
3. For each suspected emission frequency recorded in step 1, the EUT was arranged to its worst case that the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to read the maximum emission.

Prüfbericht - Nr.: 16019833 001

Test Report No.:

Seite 18 von 23

Page 18 of 23

Table 6: Fundamental and harmonics Radiated Emission (Transmitting at Low Channel)

Frequency	Harm. No.	QP	AV	PK	Polarity	Limit		
						QP	AV	PK
[MHz]		[dBμ V/m]			(H/V)	[dBμ V/m]		
915.61	1st	90.5	N/A	N/A	H	94	N/A	N/A
915.48	1st	91.8	N/A	N/A	V	94	N/A	N/A
1831.00	2nd	N/A	43.7	49.3	H	N/A	54	74
1831.00	2nd	N/A	48.6	52.3	V	N/A	54	74
2746.00	3nd	N/A	46.3	52.6	H	N/A	54	74
2746.00	3nd	N/A	47.9	55.3	V	N/A	54	74
3662.00	4th	N/A	49.8	55.6	H	N/A	54	74
3662.00	4th	N/A	50.9	56.7	V	N/A	54	74
4577.50	5th	N/A	49.8	55.9	V	N/A	54	74
*)---								

Table 7: Fundamental and harmonics Radiated Emission (Transmitting at Mid Channel)

Frequency	Harm. No.	QP	AV	PK	Polarity	Limit		
						QP	AV	PK
[MHz]		[dBμ V/m]			(H/V)	[dBμ V/m]		
916.09	1st	90.4	N/A	N/A	H	94	N/A	N/A
916.09	1st	91.7	N/A	N/A	V	94	N/A	N/A
1832.00	2nd	N/A	43.6	49.6	H	N/A	54	74
1832.00	2nd	N/A	48.1	51.6	V	N/A	54	74
2748.00	3nd	N/A	48.4	52.7	H	N/A	54	74
2748.00	3nd	N/A	50.0	53.8	V	N/A	54	74
3664.00	4th	N/A	49.5	55.7	H	N/A	54	74
3664.00	4th	N/A	50.5	56.3	V	N/A	54	74
4580.00	5th	N/A	49.8	55.9	V	N/A	54	74
*)---								

Prüfbericht - Nr.: 16019833 001

Test Report No.:

Seite 19 von 23

Page 19 of 23

Table 8: Fundamental and harmonics Radiated Emission (Transmitting at High channel)

Frequency	Harm. No.	QP	AV	PK	Polarity	Limit		
						QP	AV	PK
[MHz]		[dBμ V/m]			(H/V)	[dBμ V/m]		
916.70	1st	90.14	N/A	N/A	H	94	N/A	N/A
916.45	1st	91.77	N/A	N/A	V	94	N/A	N/A
1833.50	2nd	N/A	44.0	50.2	H	N/A	54	74
1833.50	2nd	N/A	48.4	52.0	V	N/A	54	74
2749.50	3nd	N/A	45.5	52.3	H	N/A	54	74
2749.50	3nd	N/A	48.9	53.2	V	N/A	54	74
3666.00	4th	N/A	44.8	53.6	H	N/A	54	74
3666.00	4th	N/A	50.4	55.9	V	N/A	54	74
5560.00	5th	N/A	40.2	53.3	V	N/A	54	74
4582.50	2nd	N/A	49.9	56.0	H	N/A	54	74
*)---								

*) Disturbances other than those mentioned above are small or not detectable.

The final measurement for frequencies below 1000MHz is performed with Quasi Peak detector; the final measurement for frequencies above 1000MHz is performed with Average and Peak detector.

The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test.

The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz at frequency below 1GHz.

The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz at frequency above 1GHz.

6 Photographs of the Test Set-Up

Note: “HP4891” showed on the test setup photo is the internal name code of the transmitter.

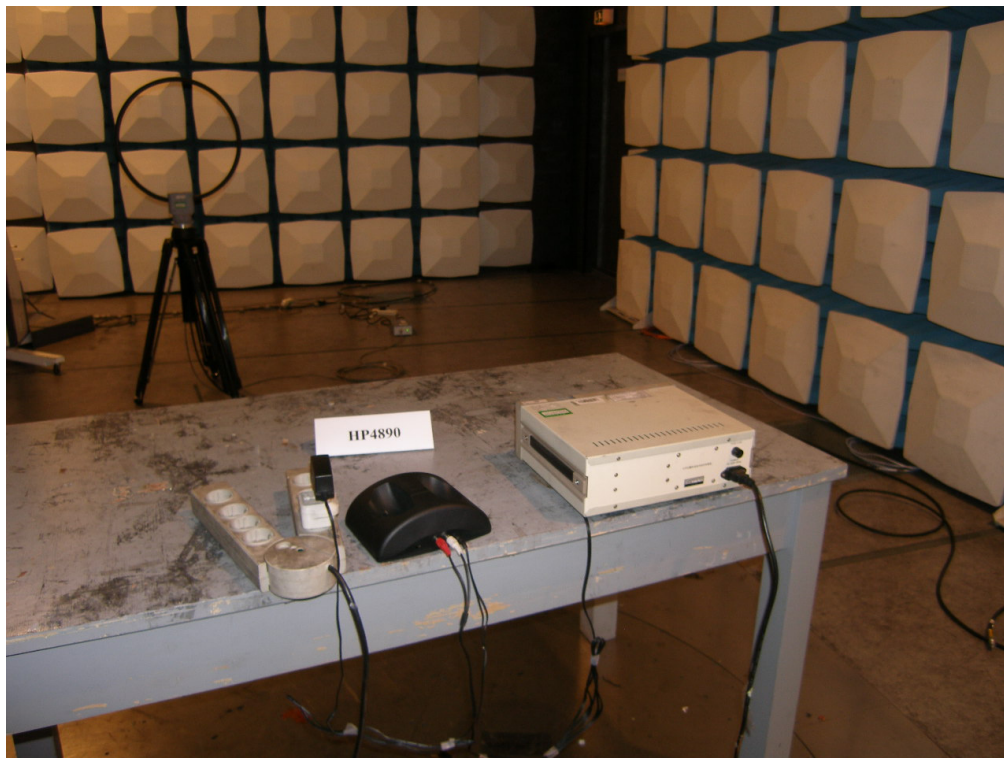
Photograph 1: Set-up for Conducted Emission on AC Mains



Prüfbericht - Nr.: 16019833 001
Test Report No.:

Seite 21 von 23
Page 21 of 23

Photograph 2: Set-up for Radiation Measurement Below 1GHz



Prüfbericht - Nr.: 16019833 001
Test Report No.:

Seite 22 von 23
Page 22 of 23

Photograph 3: Set-up for Radiation Measurement Above 1GHz



7 List of Tables

Table 1: List of Test and Measurement Equipment5
Table 2: Disturbance Voltage on AC Mains 13
Table 3: Radiated Emission (Transmitting at channel low) 15
Table 4: Radiated Emission (Transmitting at channel mid) 15
Table 5: Radiated Emission (Transmitting at channel high) 16
Table 6: Fundamental and harmonics Radiated Emission (Transmitting at Low Channel) 18
Table 7: Fundamental and harmonics Radiated Emission (Transmitting at Mid Channel) 18
Table 8: Fundamental and harmonics Radiated Emission (Transmitting at High channel) 19

8 List of Photographs

Photograph 1: Set-up for Conducted Emission on AC Mains.....20
Photograph 2: Set-up for Radiation Measurement Below 1GHz21
Photograph 3: Set-up for Radiation Measurement Above 1GHz.....22

Prüfbericht - Nr.:

16019833 001

Test Report no.

Seite 1 von 1

Page 1 of 1

