

Prüfbericht-Nr.: Test Report No.:	10044135 001		Auftrags-Nr.: Order No.:	113154149	Seite 1 von 44 Page 1 of 44
Kunden-Referenz-Nr.: Client Reference No.:	N/A		Auftragsdatum Order date:	: March 8, 2013	
Auftraggeber: Client:	Schneider Elec 5094, Australia		Pty. Ltd., 33-37 Pc	ort Wakefield Road	d, Gepps Cross,
Prüfgegenstand: Test item:	Wiser Home C	Controller MKII			
Bezeichnung / Typ-Nr.: Identification / Type No.:	WHC2_5918				
Auftrags-Inhalt: Order content:	NCC Test report 15C		(Bluetooth Port	ion of the Device)	
Prüfgrundlage: Test specification:			ncy Devices Tec C Section 15.247	hnical Regulations	LP0002(2011)
W areneingangsdatum: Date of receipt:	7/2/2013				
Prüfmuster-Nr.: Test sample No.:	TPE81936 TPE81935				
Prüfzeitraum: Testing period:	August 1, 2013 2013	3 - October 22,			
Ort der Prüfung: Place of testing:	EMC Laborato	ory Taipei			
Prüflaboratorium: Testing laboratory:	TUV Rheinlan	d Taiwan Ltd.			
Prüfergebnis*: Test result*:	Pass				
geprüft von / tested by:	2	Denny	kontrolliert voi	n I reviewed by:	
	. C. Sung/Proje	ct Manager			or Project Manager
Datum Name / Stelle Date Name / Positi		U nterschrift Signature		ame / Stellung ame / Position	Unterschrift Signature
Sonstiges / Other:					
		nlieferung:		ständig und unbesc lete and undamage	
		O beforedisend		4 = ausreichend	5 = mangelhaft
Zustand des Prüfgegen Condition of the test item Legende: 1 = sehr gut P(ass) = entspricht och	2 = gut g. Prüfgrundlage(n)	3 = befriedigend F(ail) = entspricht nic	ht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet



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TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT

RESULT: Passed

5.1.2 PEAK OUTPUT POWER

RESULT: Passed

5.1.3 20DB BANDWIDTH

RESULT: Passed

5.1.4 CONDUCTED SPURIOUS EMISSIONS AND FREQUENCY BAND EDGE MEASURED IN 100kHz BANDWIDTH

RESULT: Passed

5.1.5 Spurious Emission

RESULT: Passed

5.1.6 FREQUENCY SEPARATION

RESULT: Passed

5.1.7 NUMBER OF HOPPING FREQUENCY

RESULT: Passed

5.1.8 TIME OF OCCUPANCY

RESULT: Passed

5.2.1 Mains Conducted Emissions

RESULT: Passed



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1. General Remarks

1.1 Complementary Materials

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

Appendix P: Photo Documentation external view

(File Name: 10044135APPENDIX P)

Appendix D: Test Result of Radiated Emissions

(File Name: 10044135APPENDIX D)

Test Specifications

The following standards were applied (in bold: product standards, otherwise: basic standards).

Table 1: Applied Standard and Test Levels

Radio

ANSI C63.4:2009, Public Notice DA 00-705

NCC Low-power Radio-frequency Devices Technical Regulations LP0002(2011)(100年6月28日)

FCC CFR47 Part 15: Subpart C Section 15.247



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2. Test Sites

2.1 Test Facilities

TUV Rheinland Taiwan Ltd.

11F. No.758, Sec. 4, Bade Rd., Songshan Dist.

Taipei City 105 Taiwan (R.O.C.)

FCC Registration No.: 365730

TAF Accredited NCC Test Lab. No.:0759

TAF Accredition effective period: 2013-Jul-1st to 2016-Jun-30th



Testing Laboratory 0759

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2.2 List of Test and Measurement Instruments

Table 2: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Туре	S/N	Calibrated until	Used for test items
EMI Test Receiver	R&S	ESCI 7	1166.5950K07- 100797-Pt	20-Dec-13	Spurious Emission and Frequency Band Edge
Bilog Antenna	TESEQ	CBL6111D	29802	29-Jun-14	Spurious Emission and Frequency Band Edge
Pre-Amplifier	HP	8447F	2805A03335	13-Dec-13	Spurious Emission and Frequency Band Edge
Spectrum Analyzer	R&S	FSV 40	100921	10-Jan-14	6dB Bandwidth Output Power Power Density Conducted Spurious Emissions Spurious Emission
Horn Antenna (1GHz~18GHz)	COM- POWER	AHA118	701251	2-Nov-13	Spurious Emission and Frequency Band Edge
Horn Antenna (18GHz~40GHz)	COM- POWER	AH840	101031	2-Sep-14	Spurious Emission and Frequency Band Edge
Preamplifier (30MHz -1GHz)	HP	8447F	2805A03335	2-Sep-14	Spurious Emission and Frequency Band Edge
Preamplifier (18 GHz -40 GHz)	COMPOWER	PAM-840	461257	12-Nov-13	Spurious Emission and Frequency Band Edge
Loop Antenna	Schwarzbeck	FMZB 1513	1513-076	28-Sep-14	Spurious Emission and Frequency Band Edge
EMI Test Receiver	R&S	ESCI	101094	29-Aug-14	Mains Spurious Emission
LISN (1 phase)	R&S	ENV216	101243	5-Jun-14	Mains Spurious Emission
LISN	Rolf Heine	NNB-2/16Z	99080	30-Aug-14	Mains Spurious Emission

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2.3 Traceability

All measurement equipment calibrations are traceable to NML(Taiwan)/NIST(USA) or where calibration is performed outside Taiwan, to equivalent nationally recognized standards organizations.

2.4 Calibration

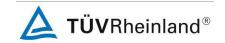
Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basics using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements are $\pm 3 \text{dB}$.

Table 3: Emission Measurement Uncertainty

Parameter	Uncertainty
Radio Frequency	± 1 x 10 ⁻⁷
RF power, conducted	± 1 dB
Adjacent channel power	±3 dB
Radiated emission of transmitter, valid up to 26 GHz	± 6 dB
Radiated emission of receiver, valid up to 26 GHz	± 6 dB
Temperature	± 2 ºC
Humidity	± 10 %



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3. General Product Information

3.1 Product Function and Intended Use

The device is a Controller for home use with a BT and WiFi RF interface. This test report refers to the BT portion of the device.

For details refer to the User Guide, Data Sheet and Circuit Diagram.

3.2 System Details and Ratings

Table 4: Basic Information of EUT

Item	EUT information	
Kind of Equipment	Wiser Home Controller MKII	
Type Designation	WHC2_5918	
Brand Name	Schneider Electric	
FCC ID	WZCWHC25918	

Table 5: Technical Specification of EUT

Technical Specification	Value
Operating Frequency	2402 MHz ~ 2480 MHz
Channel Spacing	1 MHz
Channel number	79
Operation Voltage	220 V
Modulation	GFSK, π /4 QPSK, 8 DPSK
Antenna gain	1.97 dBi

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Table 6: Frequency hopping information

Technical Specification	Description
Hopping Range	Hereby we declare that the maximum frequency of this device is: 2402-2480MHz. This is according the Bluetooth Core Specification V2.1+EDR for devices which will be operated in the USA. This was checked during the Bluetooth Qualification tests (Test Case: TRM/CA/04).
Hopping Sequence	Example of a 79 hopping sequence in data mode: 33,04,21,44,23,42,53,46,55,48,40,59,72,29,76,31,08,73, 07,75,09,45,60,39,58,13,47,11,77,52,35,50,65,54,67,56, 69,62,71,64, 7,25,27,66,57,70,74,61,78,63,10,41,05,43, 15,44,64,68,02,70,06,01,51,03,55,05,03,66,53,49,36,47,
Receiver input bandwidth	The input bandwidth of the receiver is 1 MHz. In every connection one Bluetooth device is the master and the other one is the slave. The master determines the hopping sequence. The slave follows this sequence. Both devices shift between RX and TX time slot according to the clock of the master. Additionally the type of connection is set up at the beginning of the connection. The master adapts its hopping frequency and its TX/RX timing according to the packet type of the connection. Also the slave of the connection will use these settings. Repeating of a packer has no influence on the hopping
	sequence. The hopping sequence generated by the master of the connection will be followed in any case.
	That means a repeated packet will not be send on the same frequency, it is send on the next frequency of the hopping sequence.

3.3 Independent Operation Modes

The basic operation modes are:

- A. Transmitting
 - 1. Low channel
 - 2. Middle channel
 - 3. High channel
- B. Receiving
- C. Standby
- D. Off



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3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- Bill of Material
- PCB Layout
- Photo Document
- Technical Description

- Circuit Diagram
- Instruction Manual
- Rating Label



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4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 4. All testing were performed according to the procedures in ANSI C63.10: 2009 and DA 00-705 of March 30, 2000.

The samples were used as follows:

Conducted: **TPE81935** Radiation: **TPE81936**

Full test was applied on all test modes, but only worst case was shown.

4.3 Special Accessories and Auxiliary Equipment

The product has been tested together with the following additional accessories:

Kind of Equipment	Manufacturer	Model Name	S/N
Laptop	MSI	MSI4532 (CX420MX)	CX420 MX-233TWK 1008000096
		(07(1201017()	100000000



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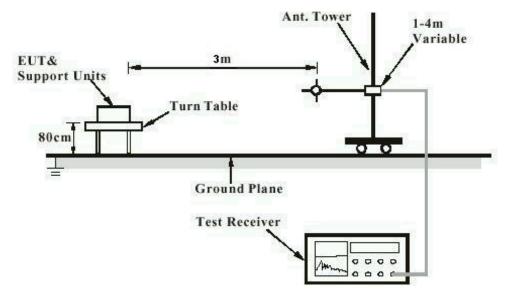
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4.4 Countermeasures to achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test





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Diagram of Measurement Equipment Configuration for Mains Conduction Measurement

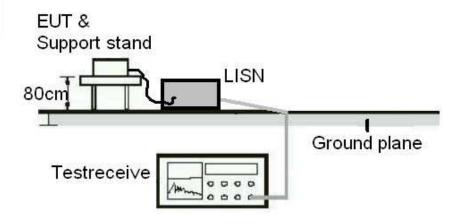
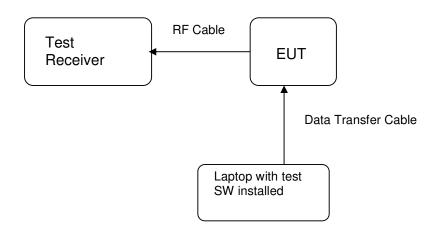


Diagram of Measurement Equipment Configuration for Conducted Transmitter Measurement





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5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT: Passed

Test standard : LP0002(2011): 3.10.1, (3)

FCC Part 15.247(b)(4), Part 15.203

Limit : the use of antennas with directional gains that do not

exceed 6 dBi

According to the manufacturer declaration, the EUT has an antenna with a directional gain of 1.97 dBi dBi. The antenna is a printed PCB trace with no possibility of replacement with a non-approved antenna by the end-user. Therefore, the EUT is considered to comply with this provision.

Refer to EUT photo for details.



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5.1.2 Peak Output Power

RESULT: Passed

Test standard LP0002(2011): 3.10.1, (2),

FCC Part 15.247(b)(1)

Basic standard LP0002(2011) Appendix III

DA 00-705 of March 30, 2000

Kind of test site Shielded room

Test setup

Test Channel : Low/ Middle/ High Operation Mode : A

Ambient temperature : 22-26 °C
Relative humidity : 50-65 %
Atmospheric pressure : 100-103 kPa

Table 7: Test result of Peak Output Power, GFSK modulation

Channel	Channel Frequency	Peak Output Power		Limit
	(MHz)	(dBm)	(W)	(W)
Low Channel	2402	8.2	0.00661	0.125
Middle Channel	2441	7.95	0.00624	0.125
High Channel	2480	8.03	0.00635	0.125

Table 8: Test result of Peak Output Power, 8DPSK modulation

Channel	Channel Frequency	Peak Output Power		Limit
	(MHz)	(dBm)	(W)	(W)
Low Channel	2402	8.39	0.00690	0.125
Middle Channel	2441	8.2	0.00661	0.125
High Channel	2480	8.24	0.00667	0.125

Pmax: 6.9 mW

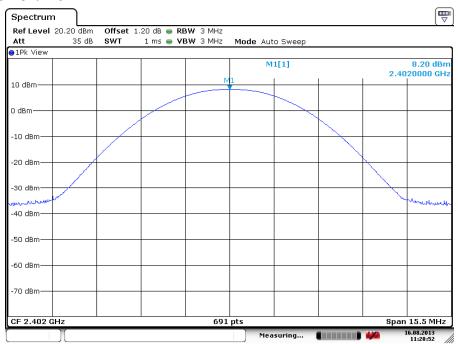


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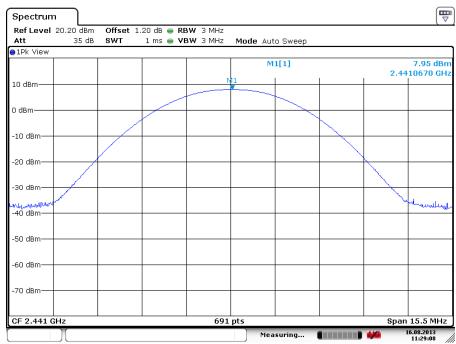
Test Plot of Peak Output Power, GFSK modulation

Low Channel



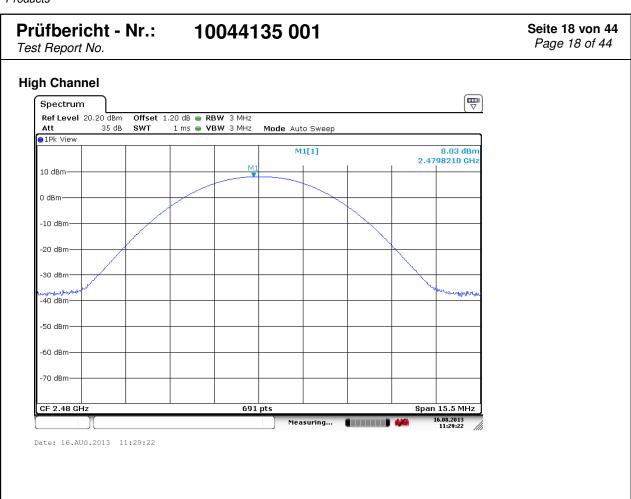
Date: 16.AUG.2013 11:28:51

Middle Channel



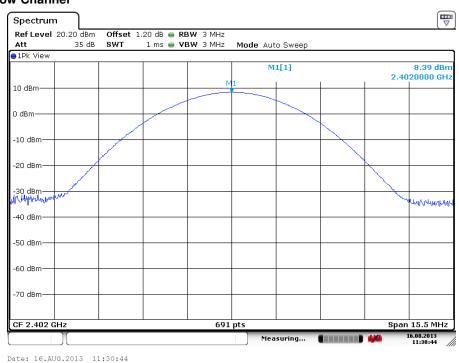
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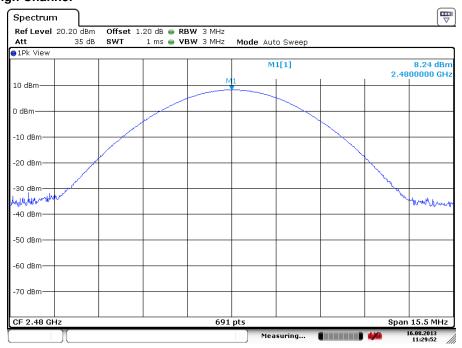
Test Plot of Peak Output Power, 8DPSK modulation

Low Channel





Produkte Products Prüfbericht - Nr.: 10044135 001 Seite 19 von 44 Page 19 of 44 Test Report No. **Middle Channel** Spectrum Ref Level 20.20 dBm Offset 1.20 dB RBW 3 MHz 1 ms 🁄 **VBW** 3 MHz Mode Auto Sweep ●1Pk View M1[1] 8.20 dBn 2.4410000 GHz 10 dBm-0 dBm--20 dBm--30 dBm Milyhogyphille ghtpolydow -40 dBm -50 dBm--60 dBm--70 dBm CF 2.441 GHz 691 pts Span 15.5 MHz Measuring... Date: 16.AUG.2013 11:30:08 **High Channel**



Date: 16.AUG.2013 11:29:52



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5.1.3 20dB Bandwidth

RESULT: Passed

Test standard LP0002(2011): 3.10.1, (6.1.1),

FCC Part 15.247(a)(1)

Basic standard LP0002(2011) Appendix III

DA 00-705 of March 30, 2000

Kind of test site Shielded room

Test setup

Test Channel Low/ Middle/ High

Operation Mode

Ambient temperature 22-26°C Relative humidity 50-65% Atmospheric pressure 100-103kPa

Table 9: Test result of 20dB Bandwidth, GFSK modulation

Channel	Channel Frequency (MHz)	20dB Bandwidth (kHz)	Limit (MHz)	Result
Low Channel	2402	933.4	1.5	Pass
Mid Channel	2441	955.1	1.5	Pass
High Channel	2480	955.1	1.5	Pass

Note: Limit is for Channel Separation of 1 MHz and a power limit of 125 mW.

Table 10: Test result of 20dB Bandwidth, 8DPSK modulation

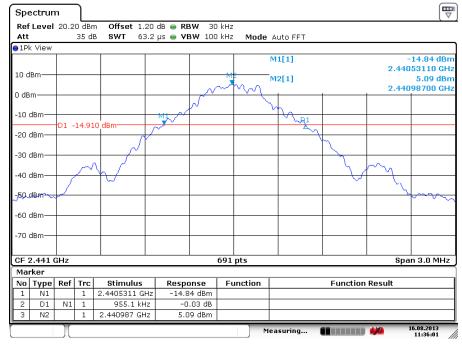
Channel	Channel Frequency (MHz)	20dB Bandwidth (kHz)	Limit (MHz)	Result
Low Channel	2402	1332.9	1.5	Pass
Mid Channel	2441	1332.9	1.5	Pass
High Channel	2480	1293.8	1.5	Pass

Note: Limit is for Channel Separation of 1 MHz and a power limit of 125 mW.



Produkte Products 10044135 001 Seite 21 von 44 Prüfbericht - Nr.: Page 21 of 44 Test Report No. Test Plot of 20dB Bandwidth, GFSK modulation **Low Channel** Spectrum Ref Level 20.20 dBm Offset 1.20 dB ● RBW 30 kHz 35 dB SWT 63.2 µs • VBW 100 kHz Mode Auto FFT Att ●1Pk View M1[1] -13.15 dBr 2.40153980 GHz 10 dBm M2[1] 7.00 dBn 2.40216060 GH -10 dBm-D1 -13.000 dBm -20 dBm--30 dBm -40 dBm -50-dBm -60 dBm 691 pts Span 3.0 MHz Marker No Type Ref Trc Function **Function Result** Stimulus Response 1 2.4015398 GHz N1 -13.15 dBm N1 933.4 kHz 0.27 dB D1 1 7.00 dBm N2 1 2.40216064 G... Measuring... Date: 16.AUG.2013 11:35:14

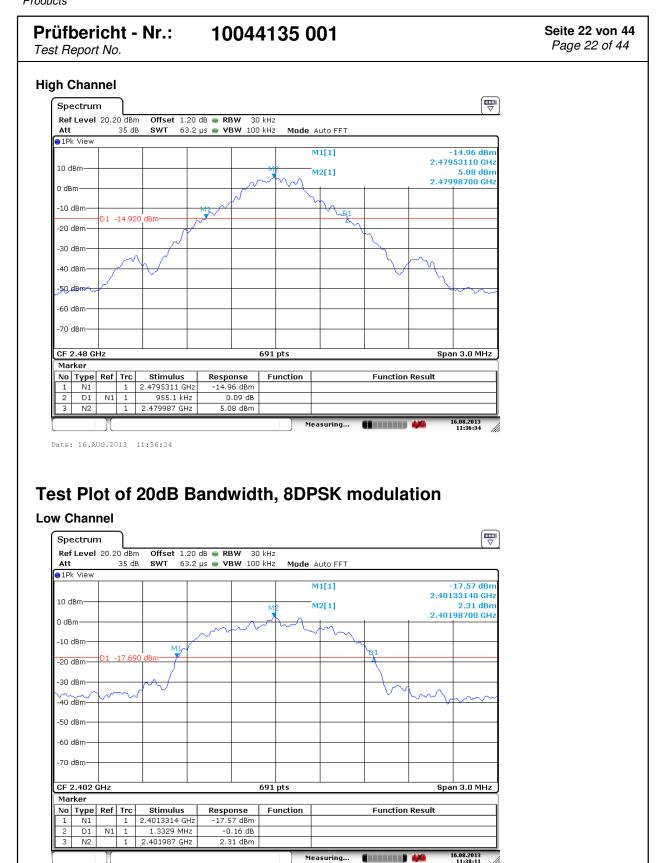
Middle Channel



Date: 16.AUG.2013 11:36:00



Date: 16.AUG.2013 11:38:11





Produkte





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5.1.4 Conducted spurious emissions and Frequency Band Edge measured in 100kHz Bandwidth

RESULT: Passed

Test standard LP0002(2011): 3.10.1, (5),

FCC part 15.247(d)

LP0002(2011) Appendix III Basic standard

DA 00-705 of March 30, 2000

Limit 20dB (below that in the 100kHz bandwidth within the

band that contains the highest level of the desired power)

Kind of test site Shielded room

Test setup

Test Channel Low/ Middle/ High

Operation Mode

22-26°C Ambient temperature Relative humidity 50-65% Atmospheric pressure 100-103 kPa

All emissions are more than 20dB below fundamental, details refer to following test plot, and compliance is achieved as well.

Due to the small size of the product and that there are no inductive components of significant size, 9kHz to 30MHz frequency range is not tested based on technical judgment.

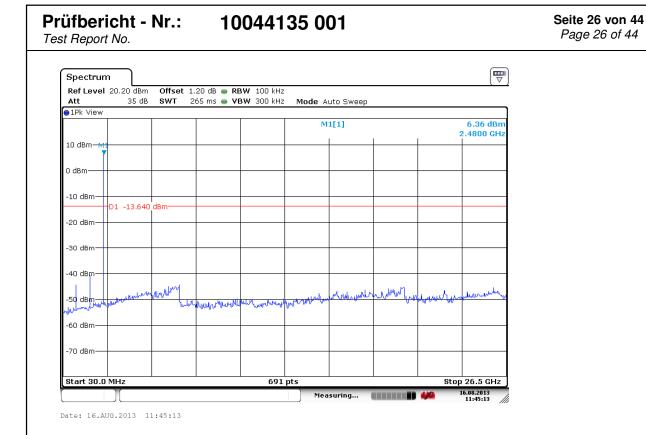


Produkte

Products 10044135 001 Seite 25 von 44 Prüfbericht - Nr.: Page 25 of 44 Test Report No. Test Plot of 100kHz Conducted Emissions, GFSK modulation **Low Channel** Spectrum Ref Level 20.20 dBm Offset 1.20 dB 🖷 RBW 100 kHz 265 ms 🁄 **VBW** 300 kHz Mode Auto Sweep ●1Pk View M1[1] 7.17 dBn 10 dBm−<u>M</u> 0 dBm -20 dBm -30 dBm -40 dBm -60 dBm -70 dBm 691 pts Stop 26.5 GHz Start 30.0 MHz Measuring... • Date: 16.AUG.2013 11:44:23 Middle Channel Spectrum Ref Level 20.20 dBm Offset 1.20 dB e RBW 100 kHz **SWT** 265 ms • **VBW** 300 kHz Mode Auto Sweep ●1Pk View M1[1] 6.85 dBn 2.4410 GH 10 dBm-₩ 0 dBm-01 -13,150 dBm -20 dBm -30 dBm 40 dBm -50 dBm -60 dBm -70 dBm Start 30.0 MHz 691 pts Stop 26.5 GHz Date: 16.AUG.2013 11:44:49

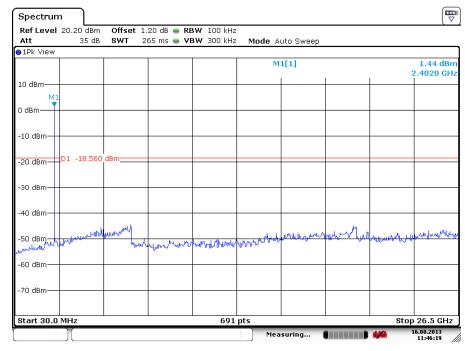
High Channel





Test Plot of 100kHz Conducted Emissions, 8DPSK modulation

Low Channel



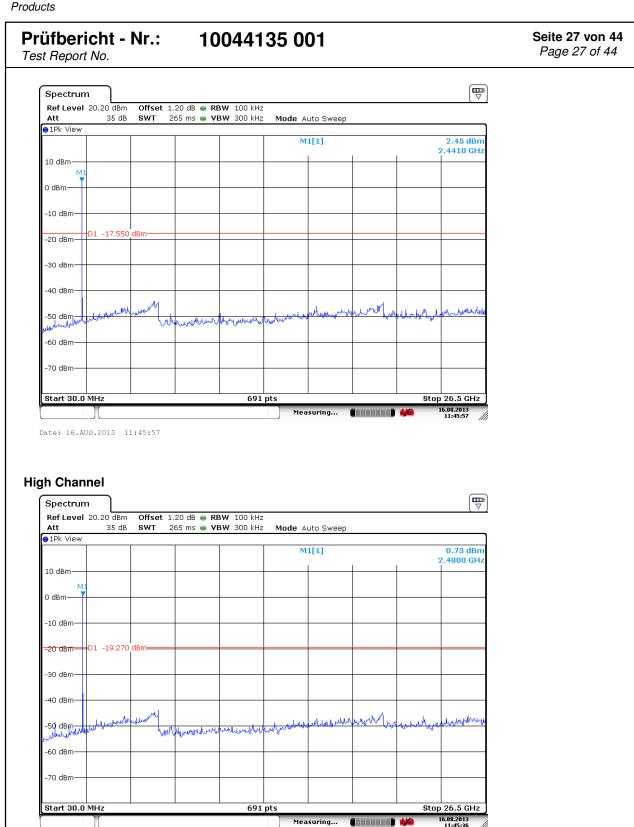
Date: 16.AUG.2013 11:46:19

Middle Channel



Produkte

Date: 16.AUG.2013 11:45:36





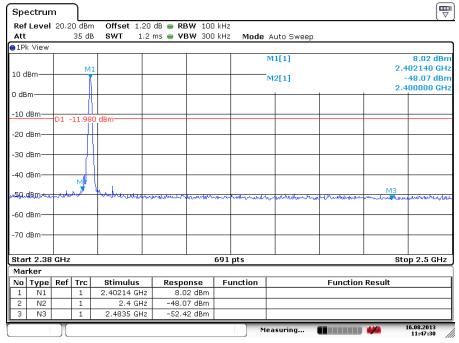
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Test Plot of 100kHz Bandwidth of Frequency Band Edge, GFSK modulation

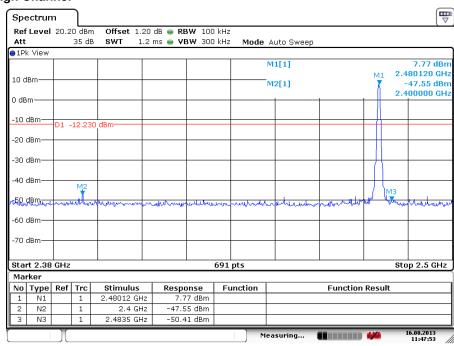
Low Channel

Test Report No.



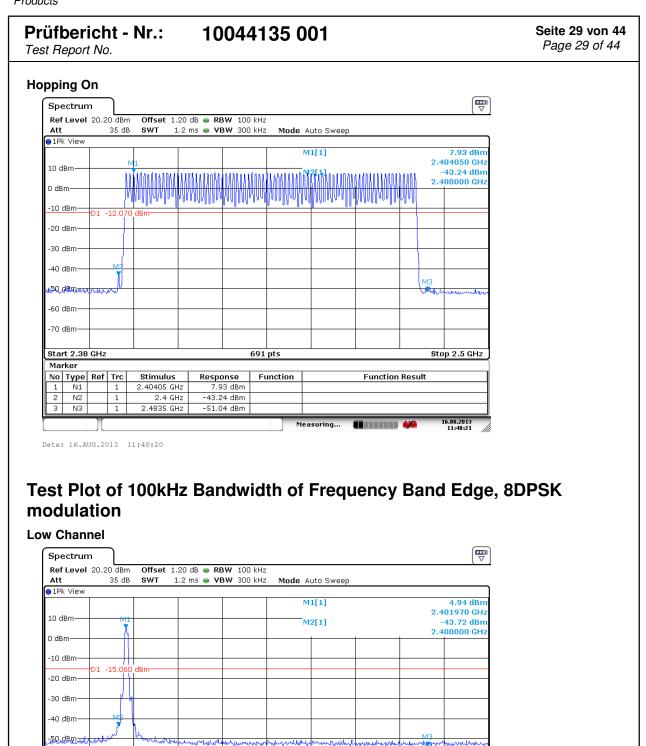
Date: 16.AUG.2013 11:47:30

High Channel



Date: 16.AUG.2013 11:47:53





691 pts

Response Function

4.94 dBm

-43.72 dBm

-53.57 dBm

Stop 2.5 GHz

16.08.2013 11:49:29

Function Result

Date: 16.AUG.2013 11:49:28

1

1

1

Stimulus

2.40197 GHz

2.4835 GHz

2.4 GHz

-60 dBm--70 dBm-

Marker

3 N3

Start 2.38 GHz

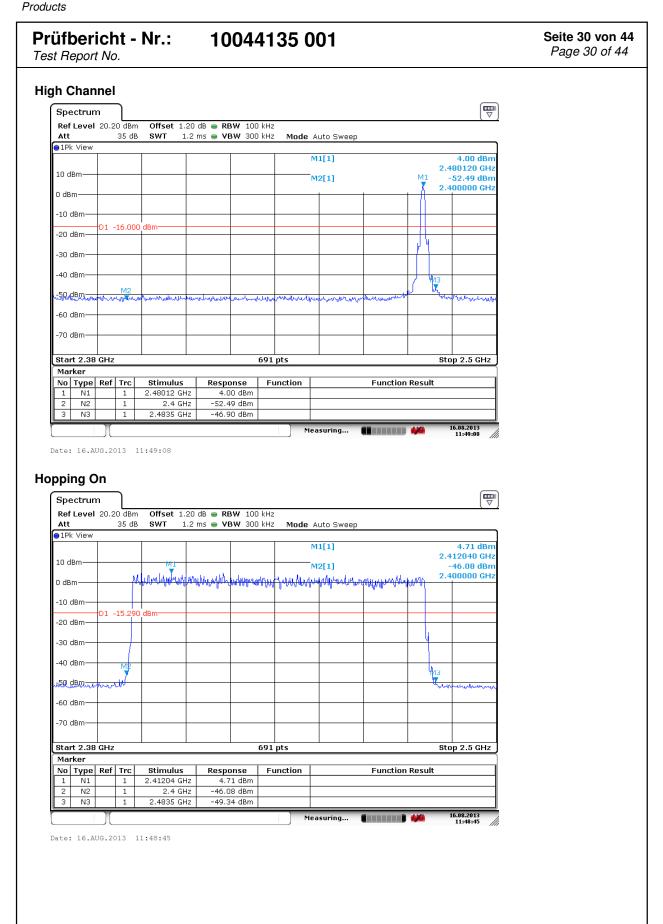
N1

N2

No Type Ref Trc



Produkte





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5.1.5 Spurious Emission

RESULT: Passed

Test standard : LP0002(2011): 3.10.1, (5),

FCC part 15.247(d), FCC 15.205, FCC 15.209

Basic standard : LP0002(2011) Appendix III

ANSI C63.10: 2009

Limits : Radiated emissions which fall in the restricted bands,

as defined in LP0002(2011): 2.7, must comply with

the radiated emission limits specified in

LP0002(2011): 2.8

Radiated emissions which fall in the restricted bands, as defined in FCC 15.205(a), must comply with the radiated emission limits specified in FCC 15.209(a). Emission radiated outside the specified frequency bands must comply with the radiated emission limits

specified in LP0002(2011): 2.8

Emission radiated outside the specified frequency bands must comply with the radiated emission limits specified in FCC 15.209(a) and FCC 15.249(a).

Kind of test site : 3m Semi-Anechoic Chamber

Test setup

Test Channel : Low/ Middle/ High

Operation Mode : A, B

Remark: Testing was carried out within frequency range 30MHz to the tenth harmonic. For details refer to Appendix 2. The Radiated Emissions testing was performed in the X, Y and Z axis orientation. The X Axis orientation is the worst-case and recorded in this test report. Due to the small size of the product and that there are no inductive components of significant size, 9kHz to 30MHz frequency range is not tested based on technical judgment.



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5.1.6 Frequency Separation

RESULT: Passed

Test standard LP0002(2011): 3.10.1, (6.1.1)

FCC part 15.247(a)(1)

LP0002(2011) Appendix III Basic standard

DA 00-705 of March 30, 2000

Limit ≥ 25kHz or 2/3 of 20dB bandwidth, whichever is greater

Test setup

Low/ Middle/ High

Test Channel .
Operation Mode :
Ambient temperature : **24**℃ 53%

Table 11: Test result of Frequency Separation

Channel	Channel Frequency (MHz)	Measured Channel Separation (MHz)	Limit (kHz)	Result
Record Channel	2441		> 05111 0/0 f	Pass
Record Channel adj 1	2440	1	≥ 25kHz or 2/3 of 20dB bandwidth	
Record Channel adj 2	2442		200D bandwidth	



Produkte

Products 10044135 001 Seite 33 von 44 Prüfbericht - Nr.: Page 33 of 44 Test Report No. **Test Plot of Frequency Separation GFSK** Spectrum Ref Level 20.20 dBm Offset 1.20 dB • RBW 30 kHz SWT 63.2 μs 🎃 **VBW** 100 kHz Mode Auto FFT ●1Pk Max M3[1] 4.51 dBn 2.44200000 GH 10 dBm M1[1] 4.58 dBn **~**2,440000<u>00</u> GH: 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm--50 dBm -60 dBm -70 dBm Span 3.0 MHz 691 pts CF 2.441 GHz Marker No Type Ref Trc Stimulus Response Function **Function Result** N2 2.441 GHz 4.57 dBm NЗ 1 2.442 GHz 4.51 dBm 16.08.2013 11:41:11 Date: 16.AUG.2013 11:41:11 Spectrum Ref Level 20.20 dBm Offset 1.20 dB
RBW 63.2 µs 🎃 **VBW** 100 kHz Att 35 dB SWT Mode Auto FFT ●1Pk Max M3[1] 2.44200000 GH 10 dBm 1.18 dBn M1[1] M3 ▼ 2.44000000 GH2 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm--70 dBm-CF 2.441 GHz 691 pts Span 3.0 MHz Marker Function Result Function No Type Ref Trc Stimulus Response 1 N1 1 2.44 GHz 1.18 dBm N2 1 2.441 GHz 1.04 dBm 3 N3 1 2.442 GHz 1.14 dBm Measuring... Date: 16.AUG.2013 11:41:55



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5.1.7 Number of hopping frequency

RESULT: Passed

Test standard : LP0002(2011): 3.10.1, (6.1.2) FCC part 15.247(a)(1)(iii)

Basic standard : LP0002(2011) Appendix III DA 00-705 of March 30, 2000

Limits : ≥ 15 non-overlapping channels

Kind of test site : Shield room

Test setup

Test Channel : Low/ Middle/ High

Operation Mode : A

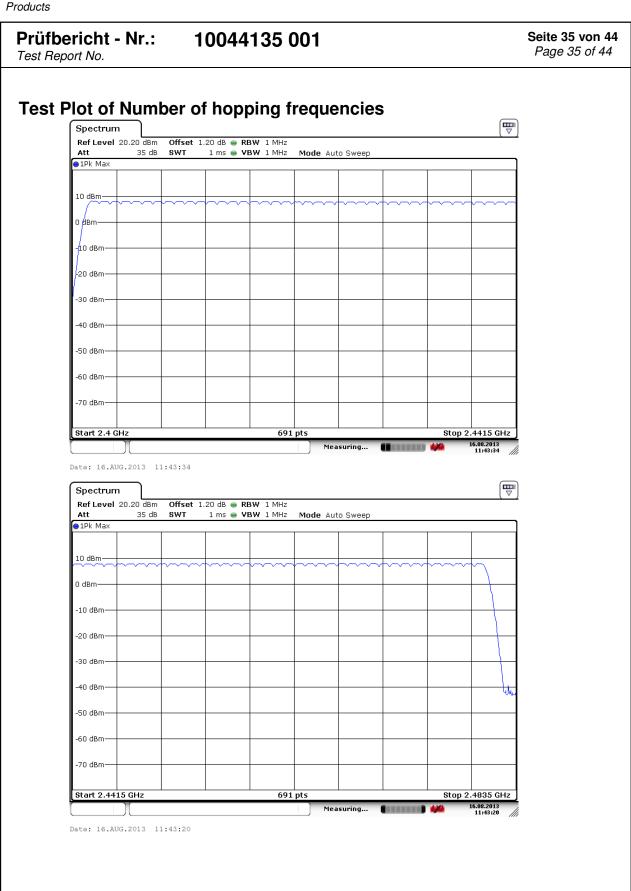
Ambient temperature : 22-26°C
Relative humidity : 50-65%
Atmospheric pressure : 100-103 kPa

Table 12: Test result of Number of hopping frequency

Frequency Range	Measured Quantity of Hopping Channel	Limit	Result
2400 to 2483.5 MHz	79	≥15	Pass



Produkte





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Test Report No.

5.1.8 Time of Occupancy

RESULT: Passed

Test standard LP0002(2011): 3.10.1, (6.1.2) FCC part 15.247(a)(1)(iii) Basic standard LP0002(2011) Appendix III

DA 00-705 of March 30, 2000

Limits 0.4s

Kind of test site Shield room

Test setup

Test Channel Low/ Middle/ High

Operation Mode

Ambient temperature : Relative humidity : Atmospheric pressure : 22-26°C 50-65% 100-103 kPa

Table 13: Test result of Time of Occupancy

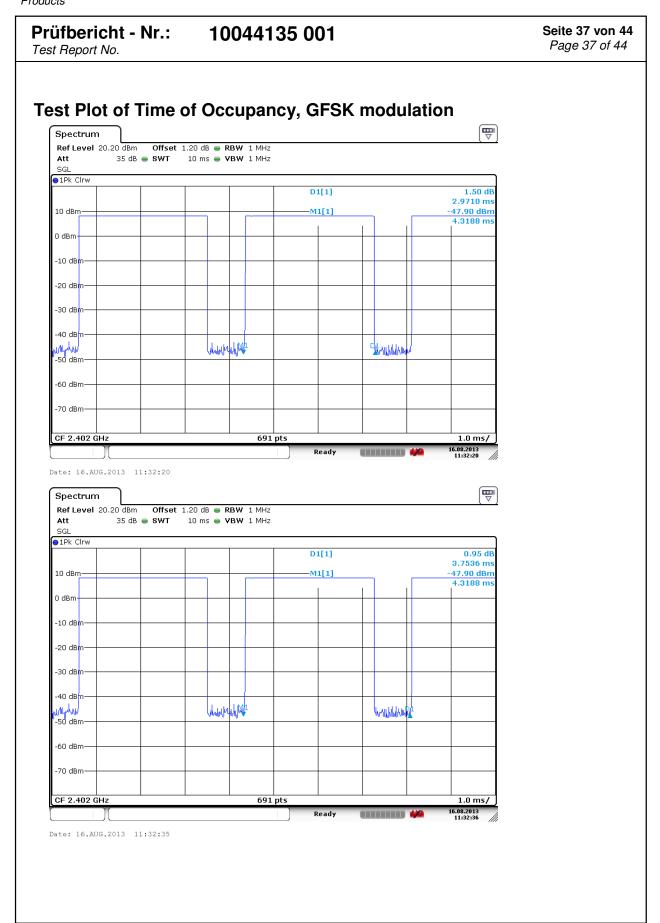
Data Mode	Captured Burst (s)	Dwell time (s)	On+Off time (s)	Limit (s)	Result
DH5	0.0030	0.3166	0.003754	0.4	Pass
3DH5	0.0030	0.3188	0.003783	0.4	Pass

Note:

Dwell time = Pulse width x (Hopping rate / Number of channels) x Period

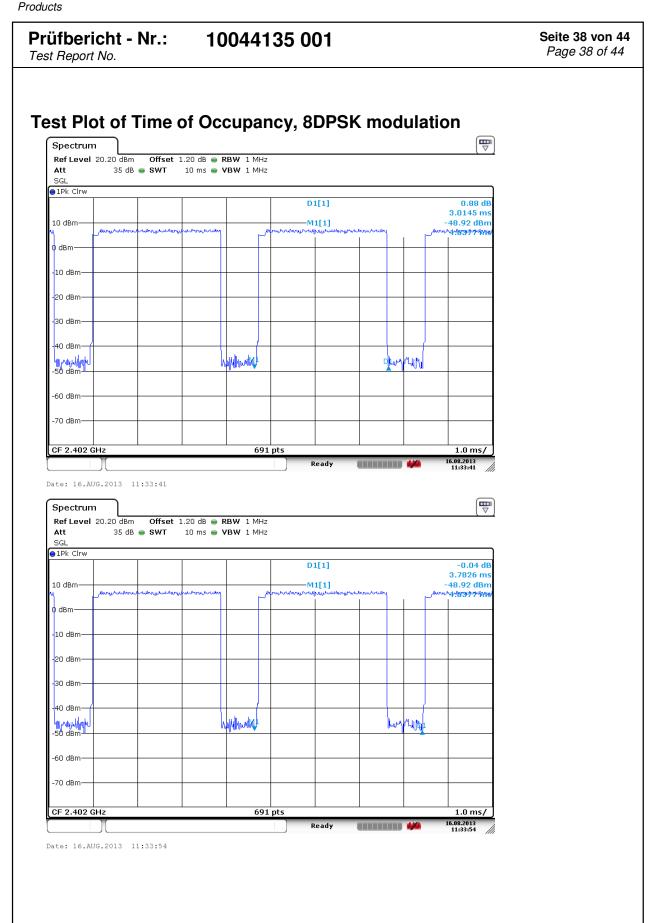
Period = 0.4 (seconds/ channel) x 79 (channel) = 31.6 seconds.

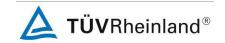






Produkte





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Test Report No.

5.2 Mains Emissions

5.2.1 Mains Conducted Emissions

RESULT: Passed

Test standard LP0002: 2.3

> FCC Part 15.207 FCC Part 15.107

Limits Mains Conducted emissions as defined in

> above test standards must comply with the mains conducted emission limits specified

Kind of test site Shielded Room

Test setup

Test Channel Middle Operation mode

Remark: For details refer to Appendix D.

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6. Photographs of the Test Set-Up

Photograph 1: Set-up for Spurious Emissions (Front View)

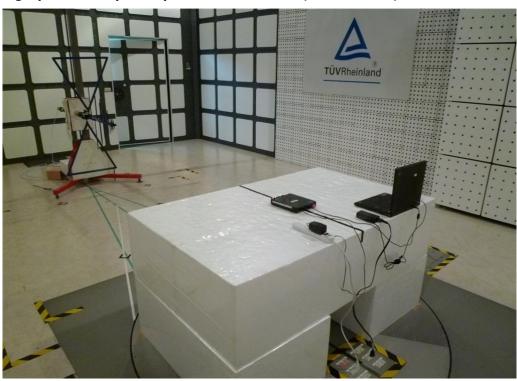




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Photograph 2: Set-up for Spurious Emissions (Back View 1)





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Photograph 3: Set-up for Spurious Emissions (Back View 2)



Photograph 4: Set-up for Conducted testing

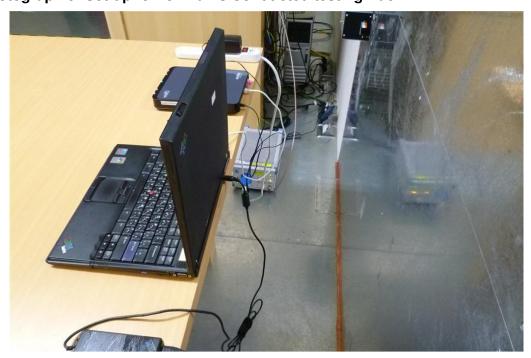




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Photograph 5: Set-up for Mains Conducted testing Back



Photograph 6: Set-up for for Mains Conducted testing Front





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