







TEST REPORT

Test report no.: 1-7205/18-01-03



Testing laboratory

CTC advanced GmbH

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Accredited Testing Laboratory:

The testing laboratory (area of testing) is accredited according to DIN EN ISO/IEC 17025 (2005) by the Deutsche Akkreditierungsstelle GmbH (DAkkS)

The accreditation is valid for the scope of testing procedures as stated in the accreditation certificate with

the registration number: D-PL-12076-01-03

Applicant

Sennheiser electronic GmbH & Co. KG

Am Labor 1

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e-mail: Nils.Knauer@sennheiser.com

Phone: +49 5130/600-9524

Manufacturer

Sennheiser electronic GmbH & Co. KG

Am Labor 1

30900 Wedemark / GERMANY

Test standard/s

47 CFR Part 74 Title 47 of the Code of Federal Regulations; Chapter I; Part 74 - Experimental radio,

auxiliary, special broadcast and other program distributional services

RSS - 210 Issue 9 Spectrum Management and Telecommunications Radio Standards Specification -

Licence-Exempt Radio Apparatus: Category I Equipment

RSS - Gen Issue 5 General Requirements for Compliance of Radio

For further applied test standards please refer to section 3 of this test report.

Test Item

Kind of test item: Bodypack Transmitter

Model name: SK 5212-II
FCC ID: DMOSK5212A2
IC: 2099A-SK5212A2

Frequency: 470.100 MHz – 607.900 MHz

Technology tested: Proprietary

Antenna: Integrated antenna
Power supply: 1.5 V DC by battery
Temperature range: -30°C to +50°C



This test report is electronically signed and valid without handwritten signature. For verification of the electronic signatures, the public keys can be requested at the testing laboratory.

Test report authorized:	Test performed:
	p.o.
Christoph Schneider	Sumit Kumar

Lab Manager
Radio Communications & EMC

Testing Manager
Radio Communications & EMC



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2 General information

2.1 Notes and disclaimer

The test results of this test report relate exclusively to the test item specified in this test report. CTC advanced GmbH does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the test item.

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2.2 Application details

Date of receipt of order: 2018-10-30
Date of receipt of test item: 2018-10-30
Start of test: 2018-11-06
End of test: 2018-12-12

Person(s) present during the test: -/-

2.3 Test laboratories sub-contracted

None

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3 Test standard/s and references

Test standard	Date	Description
47 CFR Part 74	-/-	Title 47 of the Code of Federal Regulations; Chapter I; Part 74 - Experimental radio, auxiliary, special broadcast and other program distributional services
RSS - 210 Issue 9	August 2016	Spectrum Management and Telecommunications Radio Standards Specification - Licence-Exempt Radio Apparatus: Category I Equipment
RSS - Gen Issue 5	April 2018	General Requirements for Compliance of Radio
ETSI EN 300 422-1 V1.4.2	2011-08	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wireless microphones in the 25 MHz to 3 GHz frequency range; Part 1: Technical characteristics and methods of measurement
Guidance	Version	Description
ANSI C63.4-2014	-/-	American national standard for methods of measurement of radio- noise emissions from low-voltage electrical and electronic equipment in the range of 9 kHz to 40 GHz

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4 Test environment

Temperature	:	T _{nom} T _{max} T _{min}	+22 °C during room temperature tests +50 °C during high temperature tests -30 °C during low temperature tests		
Relative humidity content			45 %		
Barometric pressure	:		not relevant for this kind of testing		
Power supply	:	V _{nom} V _{max} V _{min}	1.5 V DC by battery 1.6 V 1.0 V		

5 Test item

5.1 General description

Kind of test item	:	Bodypack Transmitter
Type identification	:	SK 5212-II
HMN	:	-/-
PMN	:	SK 5212-II
HVIN	:	SK 5212-II
FVIN	:	3.1.0_LUS-PR
S/N serial number	:	1378000002
Hardware status	:	533438_18
Software status	:	3.1.0_LUS-PR
Firmware status	:	-/-
Frequency band	:	470.100 MHz – 607.900 MHz Lowest channel: 470.100 MHz Middle Channel: 539.000 MHz Highest Channel: 607.900 MHz
Type of radio transmission Use of frequency spectrum	:	Modulated carrier
Type of modulation	:	FM
Antenna	:	Integrated antenna
Power supply	:	1.5 V DC by battery
Temperature range	:	-30°C to +50°C

5.2 Additional information

The content of the following annexes is defined in the QA. It may be that not all of the listed annexes are necessary for this report, thus some values in between may be missing.

Test setup and EUT photos are included in test report: 1-7205/18-01-01_AnnexA

1-7205/18-01-01_AnnexB 1-7205/18-01-01_AnnexC

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6 Description of the test setup

Typically, the calibrations of the test apparatus are commissioned to and performed by an accredited calibration laboratory. The calibration intervals are determined in accordance with the DIN EN ISO/IEC 17025. In addition to the external calibrations, the laboratory executes comparison measurements with other calibrated test systems or effective verifications. Weekly chamber inspections and range calibrations are performed. Where possible, RF generating and signaling equipment as well as measuring receivers and analyzers are connected to an external high-precision 10 MHz reference (GPS-based or rubidium frequency standard).

In order to simplify the identification of the equipment used at some special tests, some items of test equipment and ancillaries can be provided with an identifier or number in the equipment list below (Lab/Item).

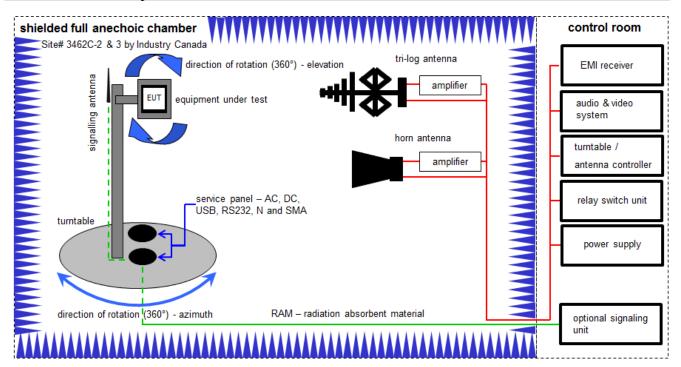
Agenda: Kind of Calibration

k ne	calibration / calibrated not required (k, ev, izw, zw not required)	EK zw	limited calibration cyclical maintenance (external cyclical maintenance)
ev	periodic self verification	izw	internal cyclical maintenance
Ve	long-term stability recognized	g	blocked for accredited testing
vlkl!	Attention: extended calibration interval		
NK!	Attention: not calibrated	*)	next calibration ordered / currently in progress

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6.1 Shielded fully anechoic chamber



Measurement distance: tri-log antenna and horn antenna 3 meter

OP = AV + D - G + CA

(OP-radiated output power; AV-analyzer value; D-free field attenuation of measurement distance; G-antenna gain+amplifier gain; CA-loss signal path)

Example calculation:

OP $[dBm] = -65.0 [dBm] + 50 [dB] - 20 [dBi] + 5 [dB] = -30 [dBm] (1 <math>\mu$ W)

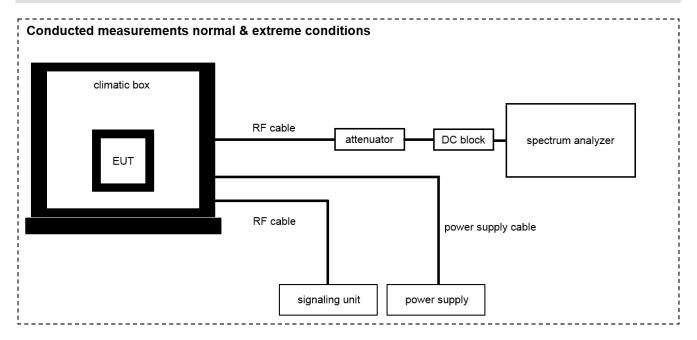
Equipment table:

No.	Lab / Item	Equipment	Туре	Manufacturer	Serial No.	INV. No.	Kind of Calibration	Last Calibration	Next Calibration
1	A, B	Anechoic chamber	FAC 3/5m	MWB / TDK	87400/02	300000996	ev	-/-	-/-
2	В	Double-Ridged Waveguide Horn Antenna 1-18.0GHz	3115	EMCO	9107-3697	300001605	vIKI!	14.02.2017	13.02.2019
3	A, B	Switch / Control Unit	3488A	HP	-/-	300000199	ne	-/-	-/-
4	В	Highpass Filter	WHK1.1/15G-10SS	Wainwright	3	300003255	ev	-/-	-/-
5	А	TRILOG Broadband Test-Antenna	VULB9163	Schwarzbeck Mess Elektronik	01029	300005379	k	07.04.2017	06.04.2020
6	В	Broadband Amplifier 0.5-18 GHz	CBLU5184540	CERNEX	22049	300004481	ev	-/-	-/-
7	A, B	4U RF Switch Platform	L4491A	Agilent Technologies	MY50000037	300004509	ne	-/-	-/-
8	A, B	NEXIO EMV- Software	BAT EMC V3.16.0.49	EMCO	-/-	300004682	ne	-/-	-/-
9	A, B	PC	ExOne	F+W	-/-	300004703	ne	-/-	-/-
10	A,B	EMI Test Receiver 20Hz- 26,5GHz	ESU26	R&S	100037	300003555	k	20.12.2017	19.12.2018

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6.2 Conducted measurements normal and extreme conditions



OP = AV + CA

(OP-output power; AV-analyzer value; CA-loss signal path)

Example calculation:

OP [dBm] = 6.0 [dBm] + 11.7 [dB] = 17.7 [dBm] (58.88 mW)

Equipment table:

No.	Lab / Item	Equipment	Туре	Manufacturer	Serial No.	INV. No.	Kind of Calibration	Last Calibration	Next Calibration
1	A, B	Signal- and Spectrum Analyzer	FSW26	R&S	101455	300004528	k	20.12.2017	19.12.2018
2	В	Audio Analyzer 2Hz - 300 kHz	UPD	R&S	841074/009	300001236	k	29.01.2018	28.01.2020
3	В	Climatic Box	VT 4011	Voetsch Industrietechnik	58566230600010	300005363	ev	07.05.2018	06.05.2020
4	В	Radiocom. Analyzer	CMTA 54	R&S	894043/010	300001175	NKI!		
5	В	DC Power Supply, 60V, 10A	6038A	HP	3122A11097	300001204	vIKI!	12.12.2017	11.12.2020

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7 Measurement uncertainty

Measurement uncertai	Measurement uncertainty						
Test case	Uncertainty						
Transmitter output power	± 3 dB						
Occupied bandwidth	± 3 kHz to 10 kHz (depends on the used RBW)						
Transmitter frequency stability	± 1 Hz to 1 kHz (depends on the used RBW)						
Transmitter unwanted emissions (radiated or conducted)	Radiated: ± 3 dB Conducted: ± 0.5 dB						
Modulation characteristics	-/-						
Necessary bandwidth (BN) for analogue systems	± 1 kHz (depends on the used RBW)						
Frequency modulation	± 3 kHz (depends on the used RBW)						
Spurious emissions conducted below 30 MHz (AC conducted)	± 2.6 dB						

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8 Summary of measurement results

\boxtimes	No deviations from the technical specifications were ascertained
	There were deviations from the technical specifications ascertained
	This test report is only a partial test report. The content and verdict of the performed test cases are listed below.

TC Identifier	Description	Verdict	Date	Remark
RF-Testing	FCC Part 74 RSS - 210, Issue 9 RSS-Gen Issue 4	See table!	2018-12-17	-/-

Test specification clause	Test case	Temperature conditions	Voltage conditions	С	NC	NA	NP	Remark
FCC Part 74.861 (e)(1)(ii) FCC Part 2.1046) RSS-210 – G.3.1 RSS-Gen – 6.12	Transmitter output power	Nominal	Nominal	\boxtimes				Additional measurement for 539 MHz only.
FCC Part 74.861 (e)(5) FCC Part 2.1049 RSS-210 – G.3.2 RSS-Gen – 6.6	Occupied bandwidth	Nominal	Nominal	\boxtimes				Additional measurement for 539 MHz only.
FCC Part 74.861 (e)(4) FCC Part 2.1055 RSS-210 – G.3.3	Transmitter frequency	Nominal	Nominal	\boxtimes				Additional measurement for 539 MHz
RSS-Gen – 6.11	stability	Extreme	Extreme	\boxtimes				only.
FCC Part 74.861 (e)(6) FCC Part 74.861 (e)(7) RSS-210 – G.3.4 ETSI EN 300 422-1 v1.4.2 (2011-08)	Transmitter unwanted emissions (radiated or conducted)	Nominal	Nominal	×				-/-
FCC Part 2.1047	Modulation characteristics	Nominal	Nominal	-/-				Additional measurement for 539 MHz only.
FCC Part 74.861 (e)(7) ETSI EN 300 422-1 v1.4.2 (2011-08)	Necessary bandwidth (BN) for analogue systems	Nominal	Nominal	×				-/-
FCC Part 74.861 (e)(3) RSS-210 – G.3.5.2	Frequency modulation	Nominal	Nominal	×				Additional measurement for 539 MHz only.
FCC Part 74.861 (e)(7) RSS-210 – G.3.4	Receiver spurious emissions	Nominal	Nominal			\boxtimes		No receiver integrated!
FCC Part 15.107(a) FCC Part 15.207	Conducted emissions < 30 MHz	Nominal	Nominal				\boxtimes	-/-

Note: C = Compliant; NC = Not compliant; NA = Not applicable; NP = Not performed

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Additional comments Reference documents: None Special test descriptions: None EUT tested with a sensitivity setting of -30 dB – pre-setting from manufacturer. Configuration descriptions: XTest mode: No test mode available. Test signal is applied to the transmitter. Special software is used. EUT is transmitting pseudo random data by itself XAntennas and transmit Operating mode 1 (single antenna) operating modes: Equipment with 1 antenna, Equipment with 2 diversity antennas operating in switched diversity mode by which at any moment in time only 1 antenna is used, Smart antenna system with 2 or more transmit/receive chains, but operating in a mode where only 1 transmit/receive chain is used) Operating mode 2 (multiple antennas, no beamforming) Equipment operating in this mode contains a smart antenna system using two or more transmit/receive chains simultaneously but without beamforming. Operating mode 3 (multiple antennas, with beamforming) Equipment operating in this mode contains a smart antenna system using two or more transmit/receive chains simultaneously with beamforming. In addition to the antenna assembly gain (G), the beamforming gain (Y) may have to be taken

into account when performing the measurements.

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10 Measurement results

10.1 Transmitter output power

Measurement:

Measurement parameter		
Detector:	Peak (worst case) / Average (RMS)	
Sweep time:	Auto / 20s	
Resolution bandwidth:	> emission bandwidth	
Video bandwidth:	> resolution bandwidth	
Span:	> 2 times emissions bandwidth	
Trace mode:	Max. hold	
EUT configuration:	Peak: Unmodulated carrier RMS: Modulate the transmitter with a 2.5 kHz tone at a level 16 dB higher than that required to produce a frequency deviation of ± 75 kHz, or to produce 50% of the manufacturer's rated deviation, whichever is less.	
Test setup:	See sub clause 6.2 – A	
Measurement uncertainty:	See sub clause 7	

Limits:

	FCC & IC
470 MHz to 608 MHz	250 mW (average) / 24 dBm (average)

Result:

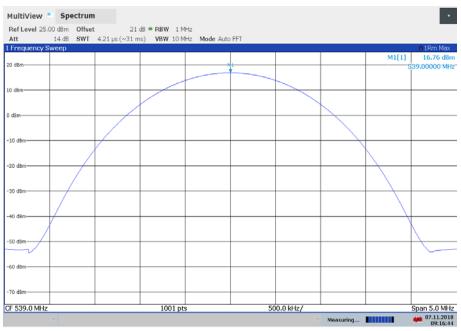
	Transmitter conducted output power (dBm)					
Channels	539.0	MHz	-/-		-/-	
	Peak	Average	Peak	Average	Peak	Average
Middle	16.79	16.76	-/-	-/-	-/-	-/-

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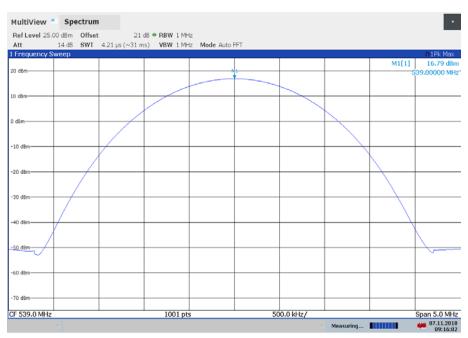
Plots:

Plot 1: middle channel, average (modulated carrier)



09:16:45 07.11.2018

Plot 2: middle channel, peak (unmodulated carrier)



09:16:03 07.11.2018

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10.2 Occupied bandwidth

Measurement:

Measurement parameter		
Detector:	Peak	
Sweep time:	Auto	
Resolution bandwidth:	1 % to 5 % of the occupied bandwidth	
Video bandwidth:	3 x resolution bandwidth	
Span:	2 x emission bandwidth	
Trace mode:	Max. hold	
Analyzer function:	99% power occupied bandwidth function	
EUT:	Modulated signal with max. frequency deviation	
Test setup:	See sub clause 6.2 - A	
Measurement uncertainty:	See sub clause 7	

Limits:

FCC & IC	
470 MHz to 608 MHz	200 kHz

Occupied bandwidth 99%. Other than single sideband or independent sideband transmitters - when modulated by a 2500 Hz tone at an input level 16 dB greater than that necessary to produce 50 percent modulation. The input level shall be established at the frequency of maximum response of the audio modulating circuit.

Result:

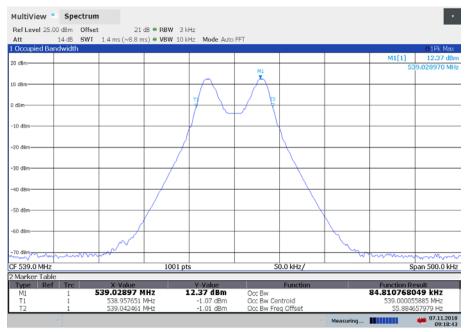
Occupied bandwidth (kHz)				
Channels 539.0 MHz -//-				
Middle	84.81	-/-	-/-	

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Plots:

Plot 1: middle channel



09:18:44 07.11.2018

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10.3 Transmitter frequency stability

Measurement:

Measurement parameter		
Detector:	Peak	
Sweep time:	Auto	
Resolution bandwidth:	10 Hz	
Video bandwidth:	3 x resolution bandwidth	
Span:	wide enough to follow the frequency drift	
Trace mode:	clear/write/view	
EUT:	CW signal or MC with measurement method description	
Test setup:	See sub clause 6.2 - B	
Measurement uncertainty:	See sub clause 7	

Limits:

FCC & IC	
470 MHz to 608 MHz	± 50 ppm

Results: middle channel

Temperature / Voltage	Frequency (MHz)	Deviation (kHz / ppm)
-30 °C / V _{nom}	538.995714339	-4.28 / -7.95
-20 °C / V _{nom}	538.995264301	-4.73 / -8.78
-10 °C / V _{nom}	538.997592769	-2.40 / -4.46
0 °C / V _{nom}	538.999585007	-0.41 / -0.76
+10 °C / V _{nom}	539.000165809	0.16 / 0.30
+20 °C / V _{nom}	539.000471230	0.47 / 0.87
+30 °C / V _{nom}	539.000320123	0.32 / 0.59
+40 °C / V _{nom}	539.000214432	0.21 / 0.39
+50 °C / V _{nom}	539.00018527	0.18 / 0.34
+20 °C / V _{nom} - 15%	539.000173720	0.17 / 0.32
+20 °C / V _{nom}	539.000471230	0.47 / 0.87
+20 °C / V _{nom} + 15%	539.000159450	0.15 / 0.29

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10.4 Transmitter unwanted emissions (radiated)

Measurement:

Measurement parameter		
Detector:	Peak (prescan) / RMS	
Sweep time:	Auto	
Resolution bandwidth:	See table below!	
Video bandwidth:	See table below!	
Span:	100 MHz steps!	
Trace-Mode:	Max. hold	
EUT:	MC with max frequency deviation	
Used equipment:	See chapter 6.1- A / B	
Measurement uncertainty:	See chapter 7	

Frequency being measured	Measuring receiver bandwidth
25 MHz to 30 MHz	9 kHz to 10 kHz
30 MHz to 1 000 MHz	100 kHz
> 1 000 MHz	1 MHz

Limits:

FCC & IC (according to ETSI EN 300 422-1 v1.4.2 (2011-08))			
	Max. spurious level		
State	47 MHz to 74 MHz 87.5 MHz to 118 MHz 174 MHz to 230 MHz 470 MHz to 862 MHz	Other frequencies ≤ 1000 MHz	All frequencies > 1000 MHz
Operating	4.0 nW	250 nW	1.00 µW
Standby	2.0 nW	2.0 nW	20.0 nW

FCC & IC		
The mean power of emissions shall be attenuated below the mean output power of the transmitter in		
accordance with the following schedule:		
On any frequency removed from the operating frequency by		
more than 50 percent up to and including 100 percent of the	25 dB	
authorized bandwidth: at least		
On any frequency removed from the operating frequency by		
more than 100 percent up to and including 250 percent of	35 dB	
the authorized bandwidth		
On any frequency removed from the operating frequency by	43 + 10log10 (mean output power in watts) dB	
more than 250 percent of the authorized bandwidth: at least	45 + Tolog to (mean output power in waits) ub	

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Results:

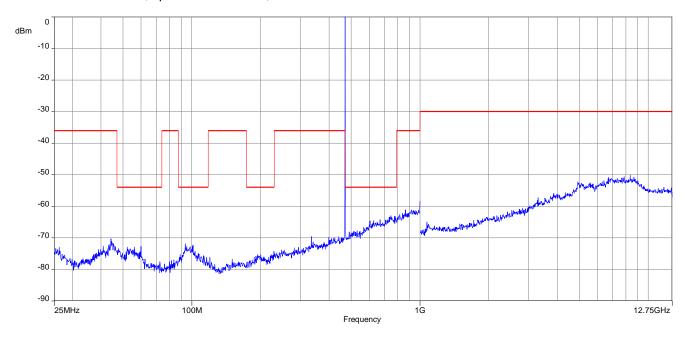
carrier frequency (MHz)	unwanted emission frequency (MHz)	Limit	level (dB) / (dBm) or remark
No Peaks detected.			

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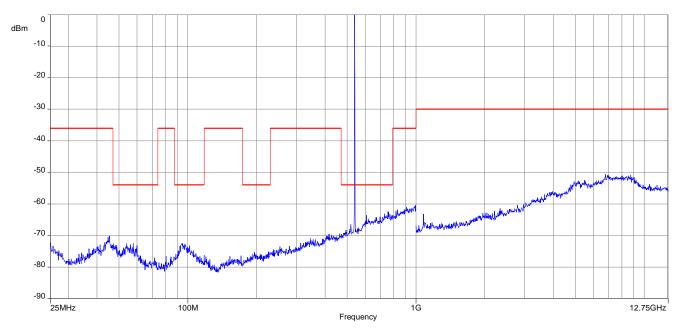


Plots: radiated

Plot 1: lowest channel, spurious emissions, 25 MHz – 12.75 GHz



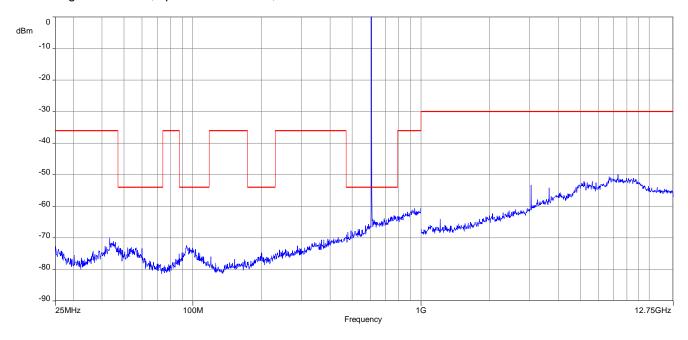
Plot 2: middle channel, spurious emissions, 25 MHz – 12.75 GHz



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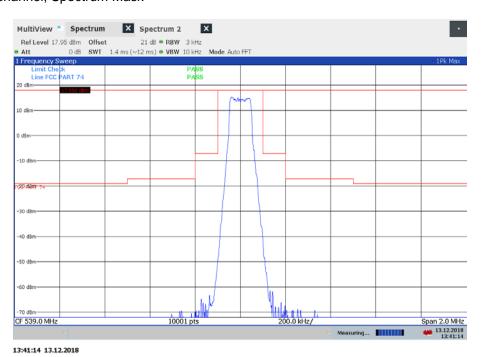


Plot 3: highest channel, spurious emissions, 25 MHz – 12.75 GHz



Plots: Conducted

Plot 1: middle channel, Spectrum Mask



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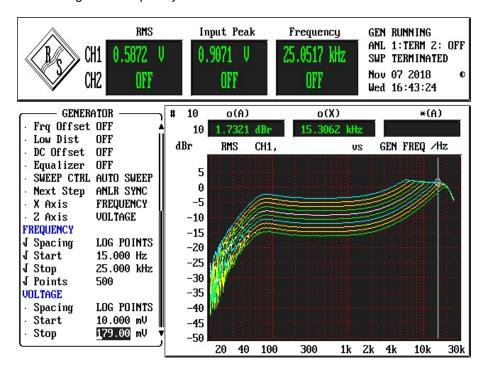
10.5 Modulation characteristics

Method of measurement:

The audio frequency response was measured in accordance with EIA/TIA 603. The plots shows 10 curves with different modulation levels, the test frequency is varied from 15 Hz to 20 kHz.

Plots:

Plot 1: 10 curves with voltage and frequency variation



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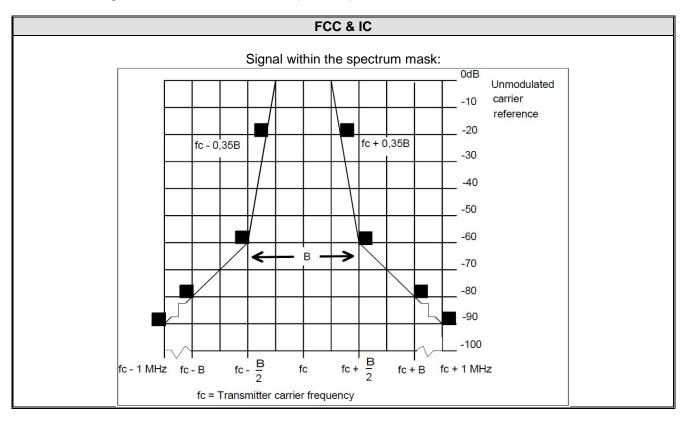


10.6 Necessary bandwidth (BN) for analogue systems

Measurement:

Measurement parameter		
Detector:	Peak / Average (-90 dBc point only)	
Sweep time:	Auto	
Resolution bandwidth:	1 kHz	
Video bandwidth:	1 kHz	
Span:	fc - 1 MHz to fc + 1 MHz (2 MHz)	
Trace mode:	Max hold/view	
EUT:	CW and MC	
Test setup:	See sub clause 7.2 - D	
Measurement uncertainty:	See sub clause 9	

Limits: according to ETSI EN 300 422-1 v1.4.2 (2011-08)

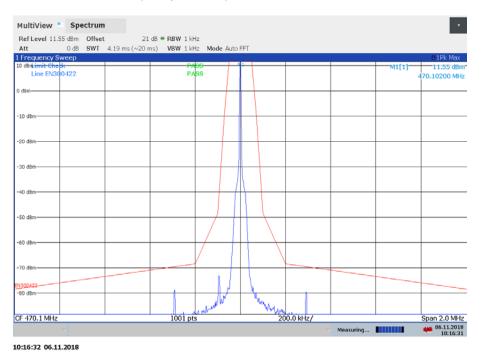


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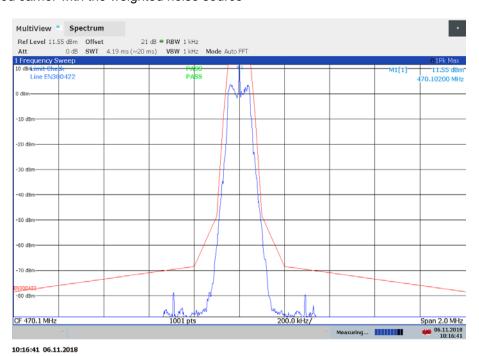


Plots: Low channel

Plot 1: Unmodulated carrier reference (with pilot-tone)



Plot 2: Modulated carrier with the weighted noise source

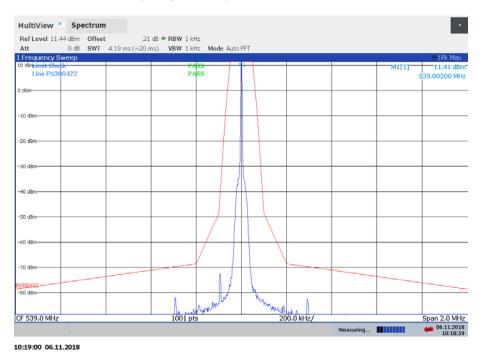


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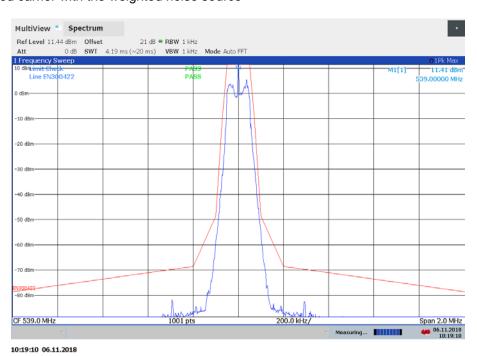


Plots: Middle channel

Plot 1: Unmodulated carrier reference (with pilot-tone)



Plot 2: Modulated carrier with the weighted noise source

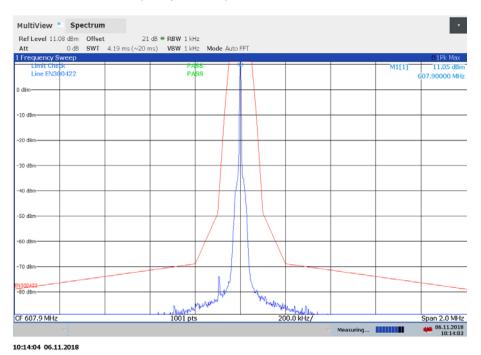


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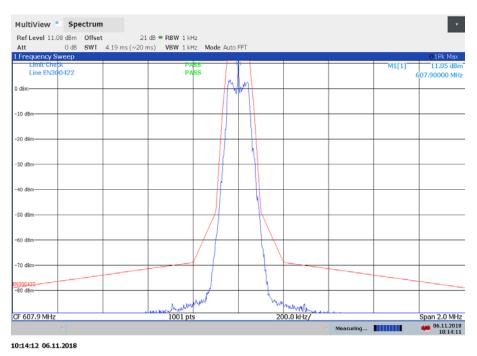


Plots: Highest channel

Plot 1: Unmodulated carrier reference (with pilot-tone)



Plot 2: Modulated carrier with the weighted noise source



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10.7 Frequency modulation

Measurement:

Measurement parameter		
Detector:	Peak	
Sweep time:	Auto	
Resolution bandwidth:	1 % to 5 % of the occupied bandwidth	
Video bandwidth:	3 x resolution bandwidth	
Span:	2 x emission bandwidth	
Trace mode:	Max. hold	
Analyzer function:	99% power occupied bandwidth function	
EUT:	Modulated signal with frequency varied between 50 Hz and 15 kHz	
Test setup:	See sub clause 7.2 - D	
Measurement uncertainty:	See sub clause 9	

Limits:

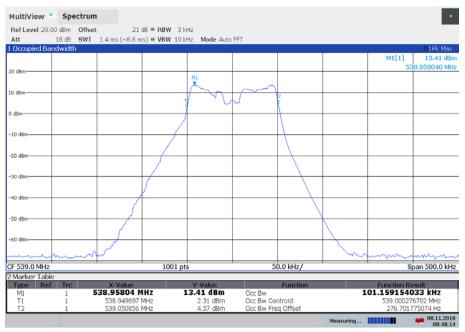
FCC & IC
Frequency deviation up to a maximum of ± 75 kHz

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Plots:

Plot 1: lowest channel, max hold with frequency variation from 50 Hz to 15 kHz



08:48:15 08.11.2018

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11 Observations

No observations except those reported with the single test cases have been made.

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Annex A Glossary

EUT	Equipment under test	
DUT	Device under test	
UUT	Unit under test	
GUE	GNSS User Equipment	
ETSI	European Telecommunications Standards Institute	
EN	European Standard	
FCC	Federal Communications Commission	
FCC ID	Company Identifier at FCC	
IC	Industry Canada	
PMN	Product marketing name	
HMN	Host marketing name	
HVIN	Hardware version identification number	
FVIN	Firmware version identification number	
EMC	Electromagnetic Compatibility	
HW	Hardware	
SW	Software	
Inv. No.	Inventory number	
S/N or SN	Serial number	
С	Compliant	
NC	Not compliant	
NA	Not applicable	
NP	Not performed	
PP	Positive peak	
QP	Quasi peak	
AVG	Average	
ОС	Operating channel	
OCW	Operating channel bandwidth	
OBW	Occupied bandwidth	
ООВ	Out of band	
DFS	Dynamic frequency selection	
CAC	Channel availability check	
OP	Occupancy period	
NOP	Non occupancy period	
DC	Duty cycle	
PER	Packet error rate	
CW	Clean wave	
MC	Modulated carrier	
WLAN	Wireless local area network	
RLAN	Radio local area network	
DSSS	Dynamic sequence spread spectrum	
OFDM	Orthogonal frequency division multiplexing	
FHSS	Frequency hopping spread spectrum	
GNSS	Global Navigation Satellite System	
C/N ₀	Carrier to noise-density ratio, expressed in dB-Hz	

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Annex B Document history

Version	Applied changes	Date of release
-/-	Initial release	2018-12-17

Annex C Accreditation Certificate

first page	last page
Deutsche Akkreditierungsstelle GmbH Entrusted according to Section 8 subsection 1 AkkStelleG in connection with Section 1 subsection 1 AkkStelleGBV Signatory to the Multilateral Agreements of EA, ILAC and IAF for Mutual Recognition Accreditation The Deutsche Akkreditierungsstelle GmbH attests that the testing laboratory CTC advanced GmbH Untertürkheimer Straße 6-10, 66117 Saarbrücken is competent under the terms of DIN EN ISO/IEC 17025:2005 to carry out tests in the following fields: Telecommunication	Deutsche Akkreditierungsstelle GmbH Office Berlin Spittelmarkt 10 10117 Berlin G0327 Frankfurt am Main Gffice Braunschweig Bundesallee 100 38116 Braunschweig Bundesallee 100 38116 Braunschweig The publication of extracts of the accreditation certificate is subject to the prior written approval by Deutsche Akkreditierungsstelle GmbH (DAkkS). Exempted is the unchanged form of separate disseminations of the cover sheet by the conformity assessment body mentioned overleaf. No impression shall be made that the accreditation also extends to fields beyond the scope of accreditation attested by DAKS.
The accreditation certificate shall only apply in connection with the notice of accreditation of 02.06.2017 with the accreditation number D-P-12076-01 and is valid until 21.04.2021. It comprises the cover sheet, the reverse side of the cover sheet and the following annex with a total of 43 pages. Registration number of the certificate: D-PL-12076-01-03	The accreditation was granted pursuant to the Act on the Accreditation Body (A&Schelled) of 31 July 2009 (Federal Luw Gazette J. 2653 and the Regulation (EC) Ro 265-2008 of the European Perlaiment and of the Council of 9 July 2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products (Official Journal of the European Lindon 1.28 of 9 July 2008, p. 30). DAKS is a signatory to the Nutrithateral Agreements for Nutrual Recognition of the European co-operation for Accreditation (EA). International Laboratory Accreditation Cooperation (ILAC). The signatories to these agreements recognise each other's accreditations. The up-to-date state of membership can be retrieved from the following websites: EA: www.uropean-accreditation.org ILAC: www.llac.org ILAC: www.llac.org
Franklurt, 02.06.2017 Colf fee, IPR) will globe Nedb of Division become control.	

Note: The current certificate annex is published on the website (link see below) of the Accreditation Body DAkkS or may be received by CTC advanced GmbH on request

https://www.dakks.de/as/ast/d/D-PL-12076-01-03e.pdf

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