

FCC TEST REPORT FCC 47 CFR Part 22H ISED RSS-132, Issue 2 Cellular Telephones Operating in the Bands 824-849MHz and 869-894MHz FCC 47 CFR Part 24E ISED RSS-133, Issue 5 2GHz Personal Communication Services	
Report Reference No.	G0M-1702-6295-TFC224UL-MU-V01
Testing Laboratory	Eurofins Product Service GmbH
Address	Storkower Str. 38c 15526 Reichenwalde Germany
Accreditation	  FCC Test Firm Designation Number: DE0008 IC Testing Laboratory site: 3470A-2
Applicant's name	eResearchTechnology GmbH
Address	Sieboldstrasse 3 97230 Estenfeld GERMANY
Test specification:	
Standard	47 CFR Part 22H, 47 CFR Part 24E RSS-132, Issue 3: 2013-01, RSS-133, Issue 6: 2013-01
Test scope	partial Radio compliance test
Equipment under test (EUT):	
Product description	Spirometer
Model No.	SpiroSphere - Main Unit
Additional Model(s)	None
Brand Name(s)	SpiroSphere
Hardware version	04.04.03
Firmware / Software version	Jet_Lib + Test_APP 0.14.0 ERT App: sd_SpiroSpherePackage-v1.1.19tgz
	FCC-ID: 2AAUFSPS001 IC: 11335A-SPS001
Test result	Passed

Possible test case verdicts:

- neither assessed nor tested : N/N
- required by standard but not appl. to test object : N/A
- required by standard but not tested : N/T
- not required by standard for the test object : N/R
- test object does meet the requirement : P (Pass)
- test object does not meet the requirement : F (Fail)

Testing:

Test Lab Temperature : 20 – 23 °C

Test Lab Humidity : 32 – 38 %

Date of receipt of test item : 2017-03-23

Date (s) of performance of tests : 2017-03-29 - 2017-04-06

Compiled by : Christian Weber

Tested by (+ signature) : Burkhard Pudell 

(Responsible for Test)

Approved by (+ signature) : Christian Weber 

(Head of Lab)

Date of issue : 2017-05-12

Total number of pages : 32

General remarks:

The test results presented in this report relate only to the object tested.

The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

Additional comments:

Test case reduction on radiated measurements only is based on the requirements for host integration for full modular approved transmitter modules (KDB 996369 D02) used by the EUT. The EUT uses a module with full modular approval according to FCC and IC rules. For details about the radio module see EUT description in section 1.

Version History

Version	Issue Date	Remarks	Revised by
01	2017-05-12	Initial Release	

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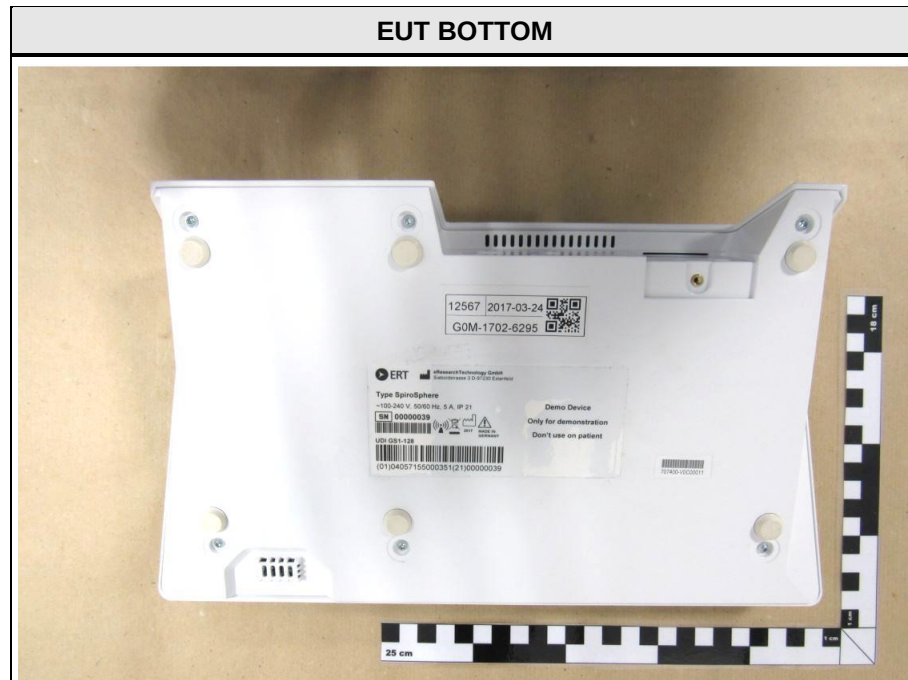
1 Equipment (Test item) Description

Description	Spirometer		
Model	SpiroSphere - Main Unit		
Additional Model(s)	None		
Brand Name(s)	SpiroSphere		
Serial number	None		
Hardware version	04.04.03		
Software / Firmware version	Jet_Lib + Test_APP 0.14.0 ERT App: sd_SpiroSphere Main UnitPackage-v1.1.19tgz		
PMN	SpiroSphere		
HVIN	SpiroSphere		
FVIN	N/A		
HMN	N/A		
FCC-ID	2AAUFSPS001		
IC	11335A-SPS001		
Equipment type	End product		
Equipment classification	Mobile Device (Human Body distance > 20 cm)		
Radio type	Transceiver		
Radio technology	W-CDMA / LTE		
Operating frequency range	UMTS FDD V : TX = 824 - 849 MHz, RX = 869 - 894 MHz UMTS FDD II : TX = 1850 - 1910 MHz, RX = 1930 - 1990 MHz		
Assigned frequency band	Cell. Service Block A & B : 824 - 849 MHz & 869 - 894 MHz Broadband PCS : 1850 - 1910 MHz & 1930 - 1990 MHz		
Main test frequencies UMTS FDD V	F _{LOW}	CH : 4133 UL: 826.6 MHz	CH : 4358 DL: 871.6 MHz
	F _{MID}	CH : 4175 UL: 835.0 MHz	CH : 4400 DL: 880.0 MHz
	F _{HIGH}	CH : 4232 UL: 846.4 MHz	CH : 4457 DL: 891.4 MHz
Main test frequencies UMTS FDD II	F _{LOW}	CH : 9263 UL: 1852.6 MHz	CH : 9663 DL: 1932.6 MHz
	F _{MID}	CH : 9400 UL: 1880.0 MHz	CH : 9800 DL: 1960.0 MHz
	F _{HIGH}	CH : 9537 UL: 1907.4 MHz	CH : 9937 DL: 1987.4 MHz
Supported transmission modes	Circuit switched, Packet switched		
Modulations	HSDPA : QPSK, 16-QAM; HSUPA : BPSK LTE : QPSK, 16-QAM, 64-QAM		
Number of antennas	1x TX/ RX		
Radio module	Type	2G/3G radio module	
	Model	HL8548	
	Manufacturer	Sierra Wireless	
	HW Version	none	
	SW Version	5.5.14.0 or higher	
	FCC-ID	N7NHL8548	
	IC	2417C-HL8548	

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Antenna	Type	integrated
	Model	FXP14.07.0 100A
	Manufacturer	taoglas
	Gain	3 to 1.5 dBi (Declaration)
Manufacturer	eResearchTechnology GmbH Sieboldstrasse 3 97230 Estenfeld GERMANY	
Power supply	V _{NOM}	N/A
	V _{MIN}	N/A
	V _{MIN}	N/A
AC/DC-Adaptor	Model	GTM91099-3099-4.0-T2
	Vendor	GlobTec Inc.
	Input	110-240 V AC 50-60 Hz
	Output	5.0 V DC 6A

1.1 Photos – Equipment External



Test Report No.: G0M-1702-6295-TFC224UL-MU-V01

Eurofins Product Service GmbH
Storkower Str. 38c, D-15526 Reichenwalde, Germany

EUT INTERFACE



NETZTEIL LABEL



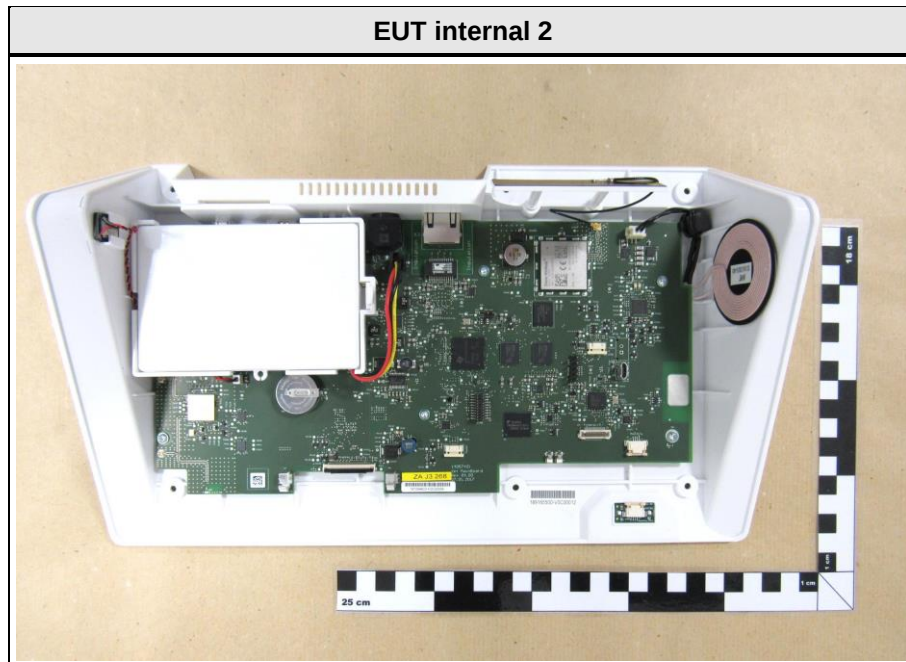
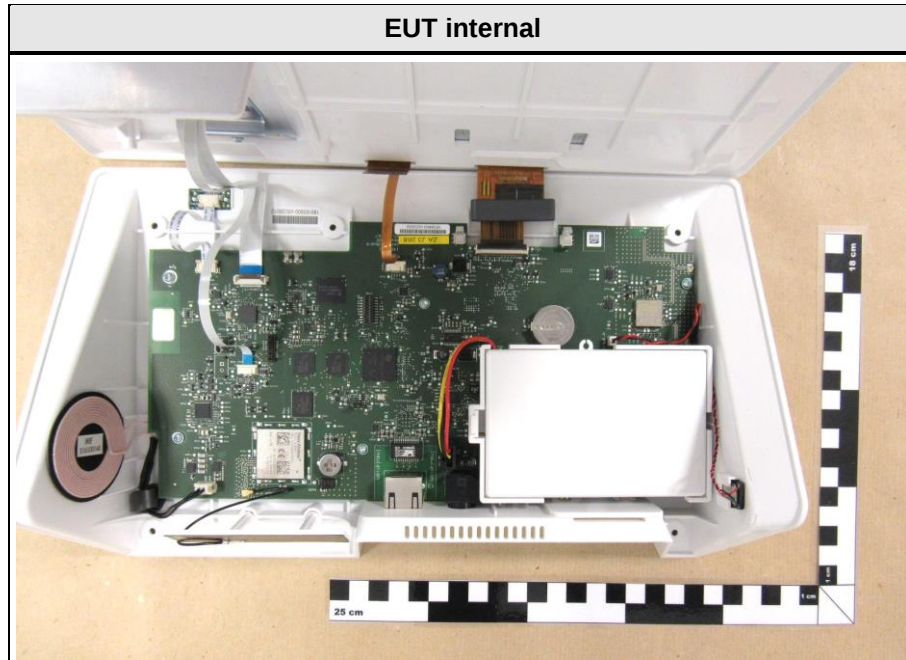
AC-DC ADAPTER BACK



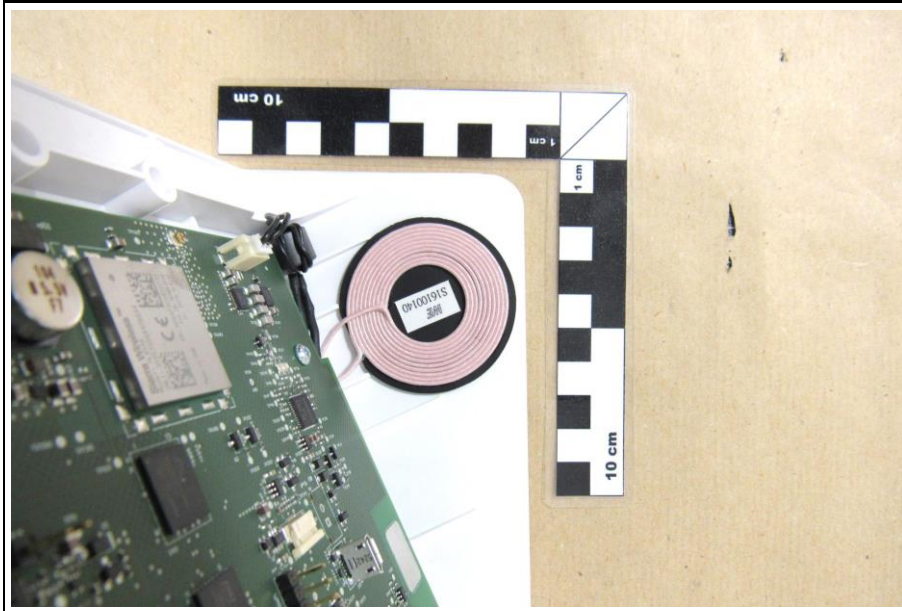
AC-DC ADAPTER SIDE



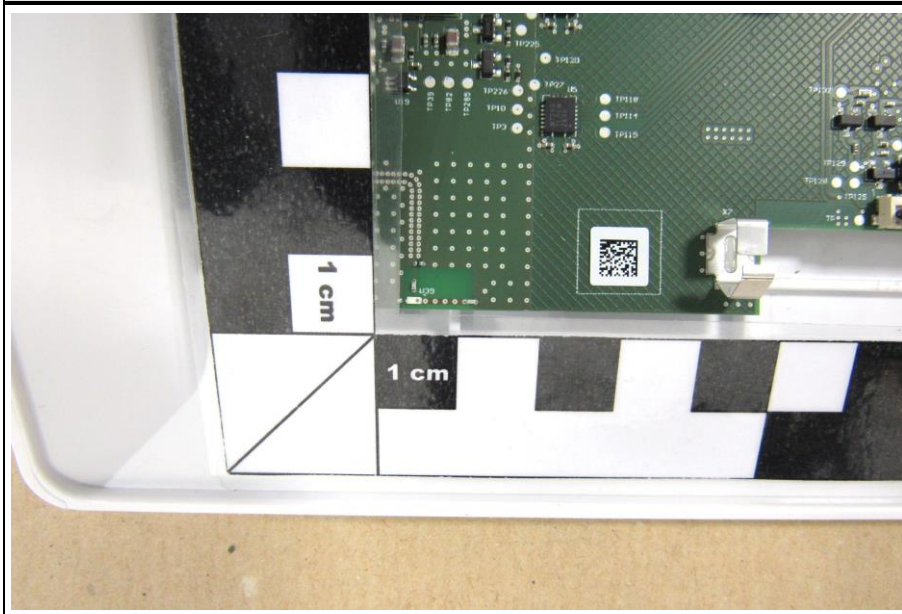
1.2 Photos – Equipment internal



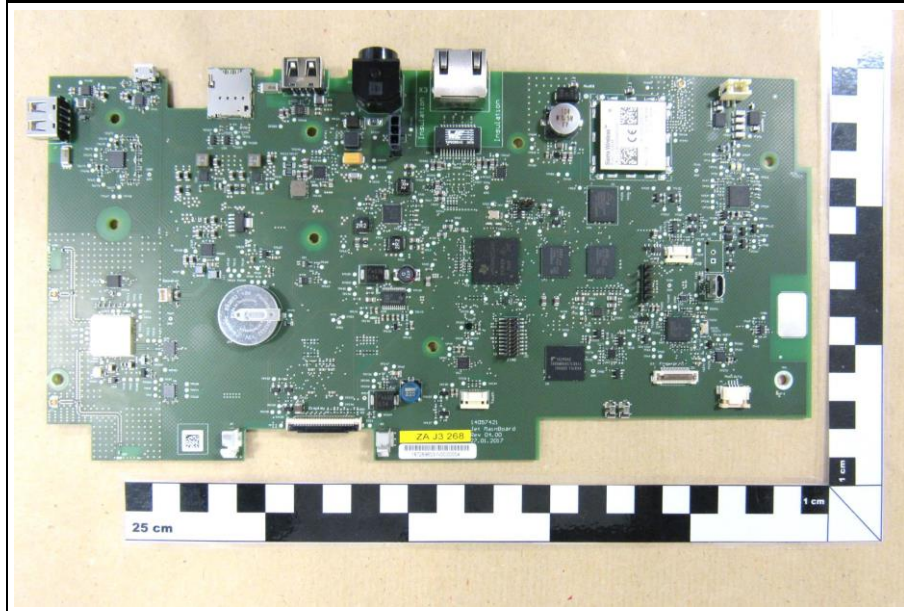
Loop antenna



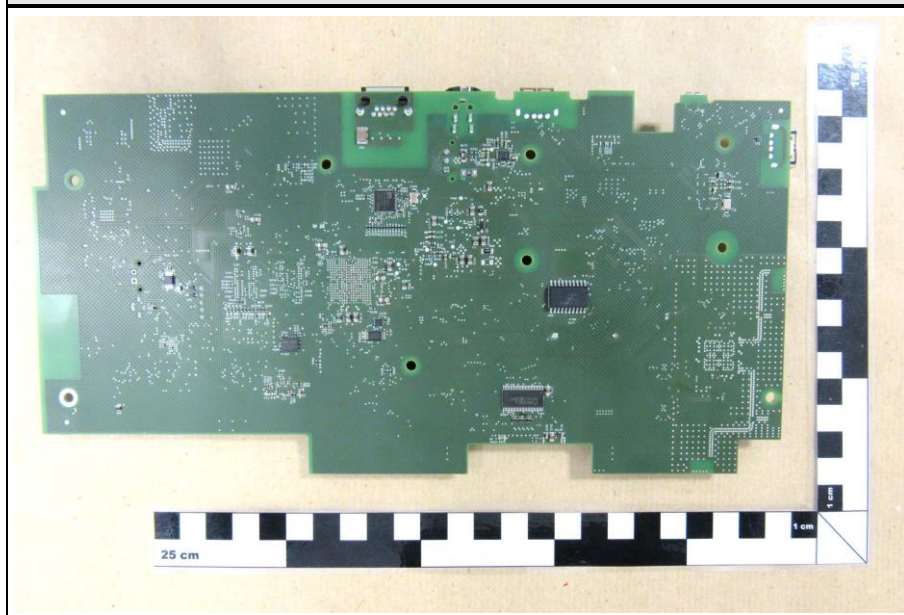
WLAN BT antenna



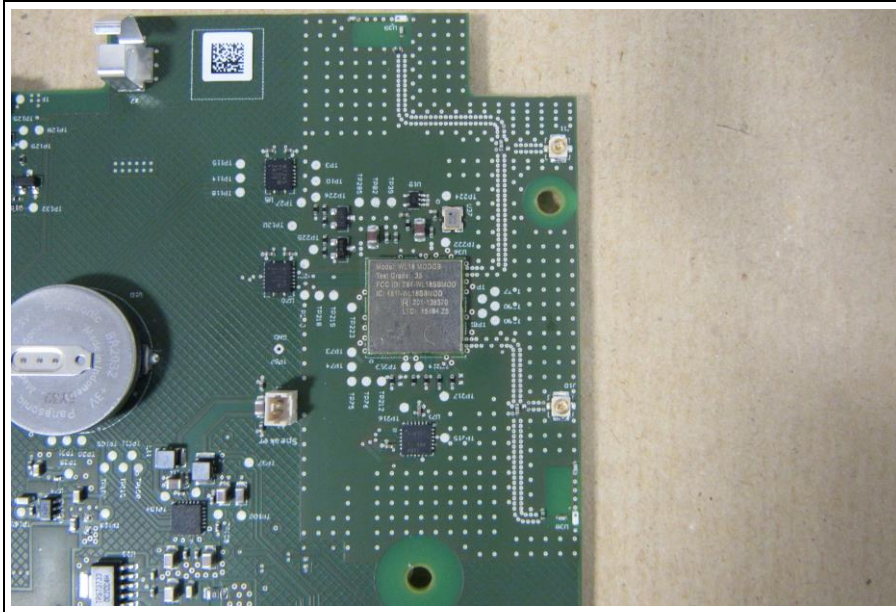
PCB Top



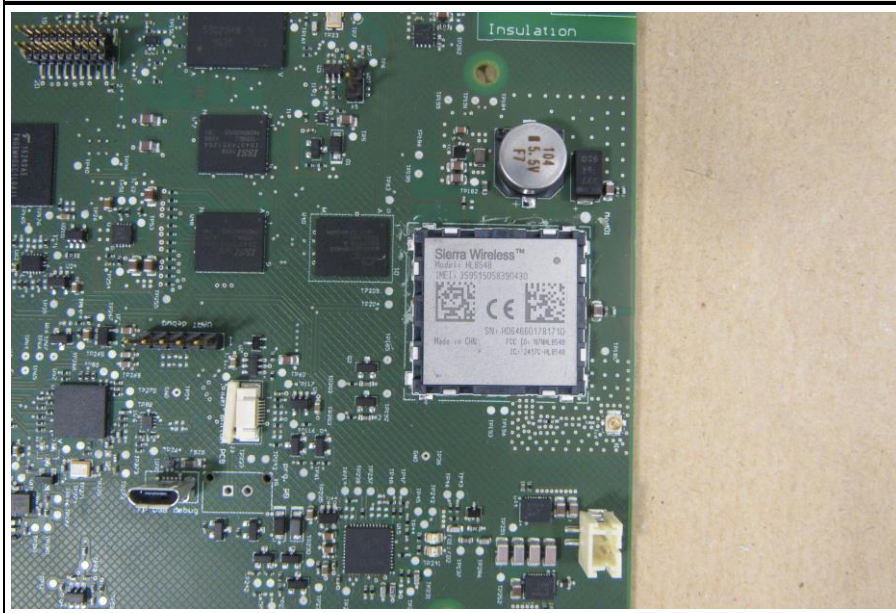
PCB Bottom



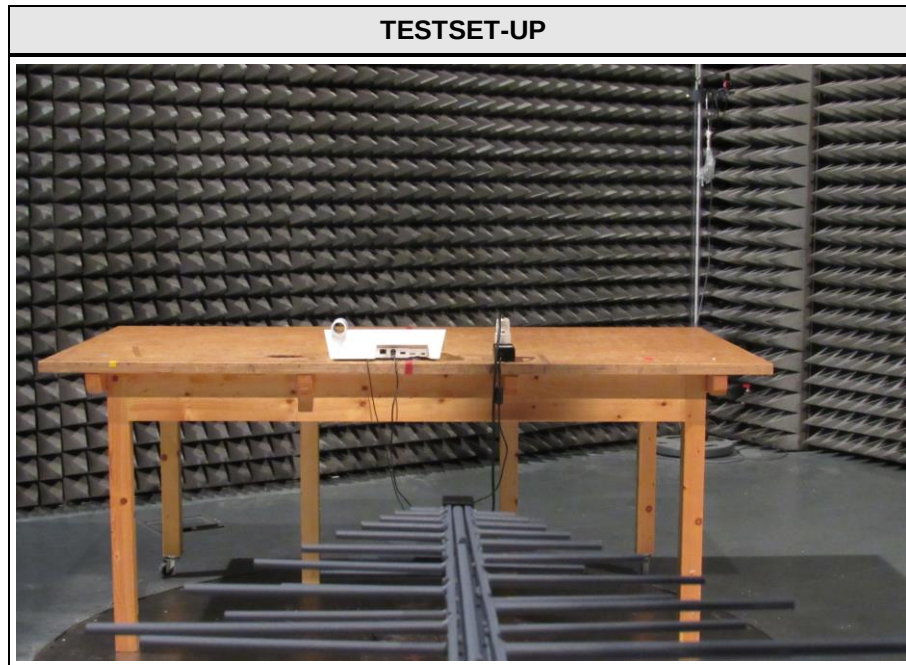
BT module



GSM module



1.3 Photos – Test setup



1.4 Supporting Equipment Used During Testing

Product Type*	Device	Manufacturer	Model No.	Comments
SIM	Network	R&S	CMW500	UMTS -Tester
*Note: Use the following abbreviations: AE : Auxiliary/Associated Equipment, or SIM : Simulator (Not Subjected to Test) CABL : Connecting cables				

1.5 Test Modes

Mode #	Description	
W-CDMA - PS	General conditions:	EUT powered by power supply. Active call to communication tester.
	Radio conditions:	Mode = transmit Connection = Packet Switched Modulation = QPSK Configuration = RMC 12.2kbps + HSPA Power level = Maximum
W-CDMA - RX	General conditions:	EUT powered by power supply. No active call to communication tester.
	Radio conditions:	Mode = receive Connection = Sign. RAB Cell FACH

1.6 Test Equipment Used During Testing

Measurement Software			
Description	Manufacturer	Name	Version
EMC Test Software	Dare Instruments	Radimation	15.2.4

Occupied Bandwidth					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSIQ 26	EF00242	2016-04	2017-04

Radiated power					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Fully-anechoic chamber	Frankonia	AC 3	EF00199	-	-
Spectrum Analyzer	R&S	FSIQ 26	EF00242	2016-04	2017-04
LPD Antenna	R&S	HL 223	EF00187	2016-05	2019-05
Horn Antenna	R&S	BBHA 9120D	EF01153	2016-07	2017-07

Radiated spurious emissions					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Semi-anechoic chamber	Frankonia	AC 1	EF00062	-	-
Spectrum Analyzer	R&S	FSEK 30	EF00168	2016-12	2017-12
Biconical Antenna	R&S	HK 116	EF00012	2016-05	2019-05
LPD Antenna	R&S	HL 223	EF00212	2016-04	2019-04
LPD Antenna	R&S	HL 025	EF00327	2015-10	2018-10

1.7 Sample emission level calculation

The following is a description of terms and a sample calculation, as appears in the radiated emissions data table. The numbers used in the calculation are for example only. There is no direct correlation to the specific data taken for the product described in this document:

Reading:

This is the reading obtained on the spectrum analyzer in dBμV. Any external preamplifiers used are taken into account through internal analyzer settings.

A.F.:

This is the antenna factor for the receiving antenna. It is a conversion factor, which converts electric fields strengths to voltages, which can be measured directly on the spectrum analyzer. It is treated as a loss in dB. Cable losses have been included with the A.F. to simplify the calculations. The antenna factor is used in calculations as follows:

$$\text{Reading on Analyzer (dB}\mu\text{V)} + \text{A.F. (dB)} = \text{Net field strength (dB}\mu\text{V/m)}$$

Net:

This is the net field strength measurement (as shown above).

Limit:

This is the FCC Class B radiated emission limit (in units of dBμV/m). The FCC limits are given in units of μV/m. The following formula is used to convert the units of μV/m to dBμV/m:

$$\text{Limit (dB}\mu\text{V/m)} = 20 \cdot \log (\mu\text{V/m})$$

Margin:

This is the margin of compliance below the FCC limit. The units are given in dB. A negative margin indicates the emission was below the limit. A positive margin indicates that the emission exceeds the limit.

Example only:

Reading	+	AF	=	Net Reading	:	Net reading - FCC limit	=	Margin
21.5 dBμV	+	26 dB	=	47.5 dBμV/m	:	47.5 dBμV/m - 57.0 dBμV/m	=	-9.5 dB

2 Result Summary

FCC 47 CFR Part 22H, 24E, ISED RSS-132, 133				
Product Specific Standard Section	Requirement – Test	Reference Method	Result	Remarks
RSS-Gen 6.6	Occupied Bandwidth	RSS-Gen 6.6 KDB 971168		Informational only
FCC § 24.235 FCC § 22.355 ISED RSS-132 § 4.3 ISED RSS-133 § 6.3	Frequency stability	FCC § 24.235 FCC § 22.355 ISED RSS-132 § 4.3 ISED RSS-133 § 6.3 KDB 971168	N/R	
FCC § 22.913(a)	Effective radiated power	ANSI/TIA-603-D KDB 971168	PASS	
FCC § 24.232(c) ISED RSS-132 § 4.4 ISED RSS-133 § 6.4	Equivalent isotropic radiated power	ANSI/TIA-603-D KDB 971168	PASS	
FCC § 24.232(d) ISED RSS-133 § 6.4	Peak to average ratio	KDB 971168	N/R	
FCC § 22.917(b) FCC § 24.238(b) ISED RSS-132 § 4.5 ISED RSS-133 § 6.5	Band-edge compliance	KDB 971168	N/R	
FCC § 22.917(a) FCC § 24.238(a) ISED RSS-132 § 4.5 ISED RSS-133 § 6.5	Conducted out-of-band emissions	KDB 971168	N/R	
FCC § 22.917(a) FCC § 24.238(a) ISED RSS-132 § 4.5 ISED RSS-133 § 6.5	Radiated out-of-band emissions	ANSI/TIA-603-D KDB 971168	PASS	
ISED RSS-132 § 4.6 ISED RSS-133 § 6.6 ISED RSS-Gen 7.1	Receiver radiated spurious emissions	ISED RSS-Gen 7.1	PASS	
Remarks:				

3 Test Conditions and Results

3.1 Test Conditions and Results – Occupied Bandwidth

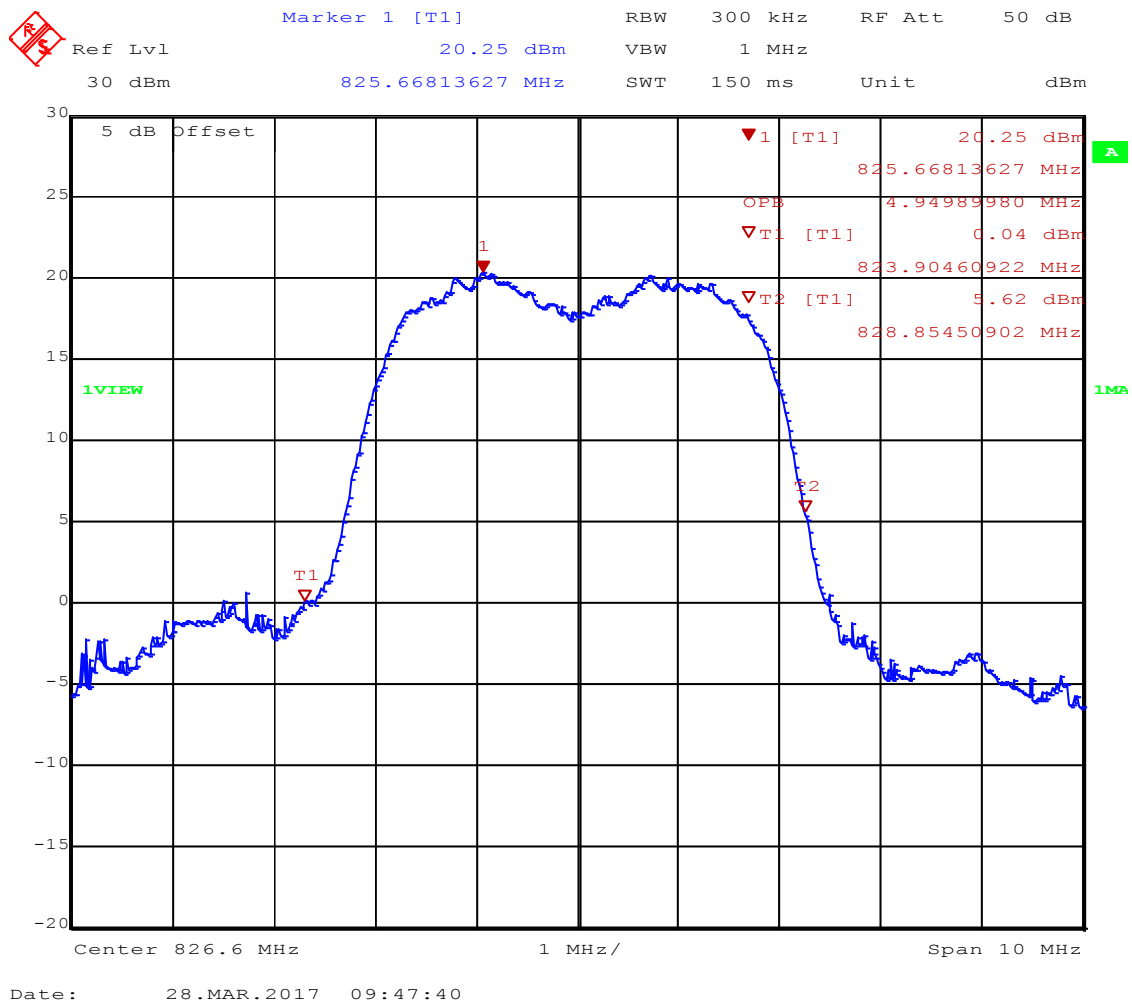
Occupied Bandwidth acc. to ISED RSS-Gen			
Test according to measurement reference	Reference Method		
	RSS-Gen 6.6		
Test frequency range	Tested frequencies		
	F _{LOW} / F _{MID} / F _{HIGH}		
Limits			
None (Informational only)			
Test setup			
Spectrum Analyzer EUT			
Test procedure			
1. EUT set to test mode (Communication tester is used if needed) 2. Span set to at least twice the emission spectrum 3. Resolution bandwidth set to 1 % of span 4. Occupied Bandwidth (99 %) measurement with spectrum analyzer built in measurement function			
Test results – W-CDMA V			
Channel	Frequency [MHz]	Mode	Occupied Bandwidth [kHz]
F _{LOW}	826.6	W-CDMA - PS	4949
F _{MID}	835.0	W-CDMA - PS	4969
F _{HIGH}	846.4	W-CDMA - PS	4288
Test results – W-CDMA II			
Channel	Frequency [MHz]	Mode	Occupied Bandwidth [kHz]
F _{LOW}	1852.6	W-CDMA - PS	4288
F _{MID}	1880.0	W-CDMA - PS	4248
F _{HIGH}	1907.4	W-CDMA - PS	4228
Comments:			

Occupied Bandwidth – W-CDMA V F_{Low}

Occupied Bandwidth acc. to RSS-Gen

Project Number: G0M-1702-6295

Applicant: eResearchTechnology GmbH
EUT Name: Spirometer
Model: SpiroSphere – Main Unit
Test Site: Eurofins Product Service GmbH
Operator: Burkhard Pudell
Test Conditions: Tnom / Vnom
Mode: UMTS FDD V / CH: 4133 / RMC+HSPA
Test Date: 2017-03-28
Verdict: NONE (INFORMATION ONLY)
Note 1: A spectrum analyzer with an integrated 99% power bandwidth function is used
Note 2: OBW = 4.949 MHz



Test Report No.: G0M-1702-6295-TFC224UL-MU-V01

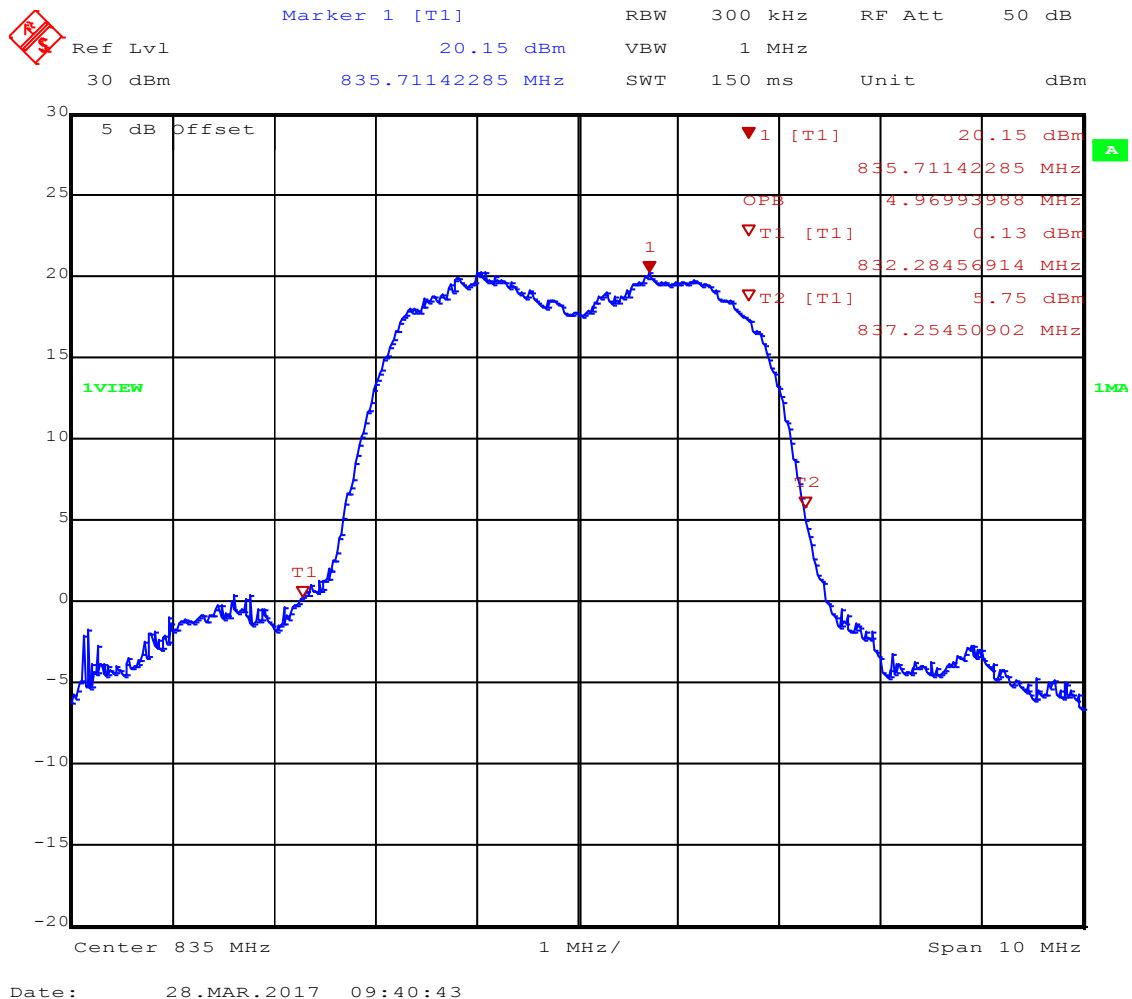
Eurofins Product Service GmbH
Storkower Str. 38c, D-15526 Reichenwalde, Germany

Occupied Bandwidth – W-CDMA V F_{MID}

Occupied Bandwidth acc. to RSS-Gen

Project Number: G0M-1702-6295

Applicant: eResearchTechnology GmbH
EUT Name: Spirometer
Model: SpiroSphere – Main Unit
Test Site: Eurofins Product Service GmbH
Operator: Burkhard Pudell
Test Conditions: Tnom / Vnom
Mode: UMTS FDD V / CH: 4175 / RMC+HSPA
Test Date: 2017-03-28
Verdict: NONE (INFORMATION ONLY)
Note 1: A spectrum analyzer with an integrated 99% power bandwidth function is used
Note 2: OBW = 4.969 MHz

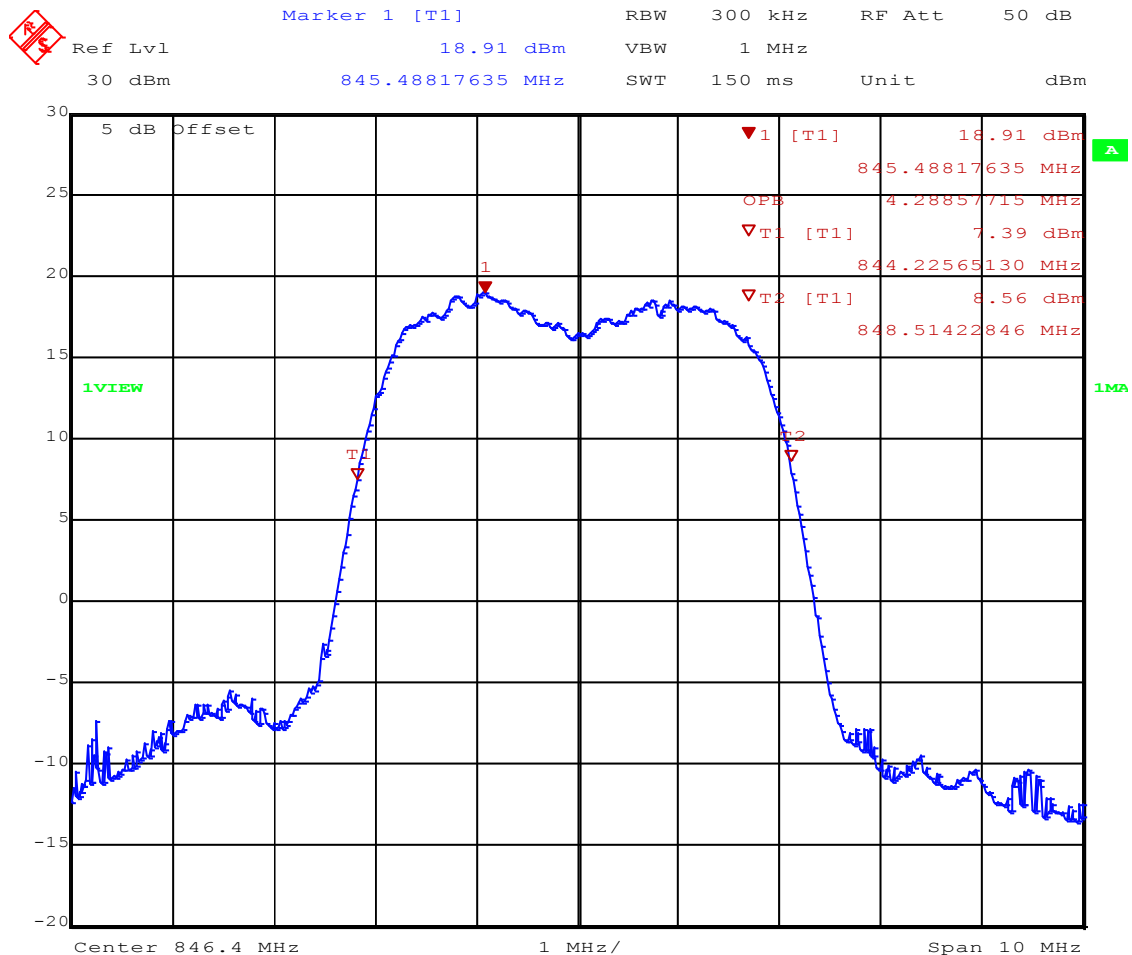


Occupied Bandwidth – W-CDMA V F_{HIGH}

Occupied Bandwidth acc. to RSS-Gen

Project Number: G0M-1702-6295

Applicant: eResearchTechnology GmbH
EUT Name: Spirometer
Model: SpiroSphere – Main Unit
Test Site: Eurofins Product Service GmbH
Operator: Burkhard Pudell
Test Conditions: Tnom / Vnom
Mode: UMTS FDD V / CH: 4232 / RMC+HSPA
Test Date: 2017-03-28
Verdict: NONE (INFORMATION ONLY)
Note 1: A spectrum analyzer with an integrated 99% power bandwidth function is used
Note 2: OBW = 4.288 MHz

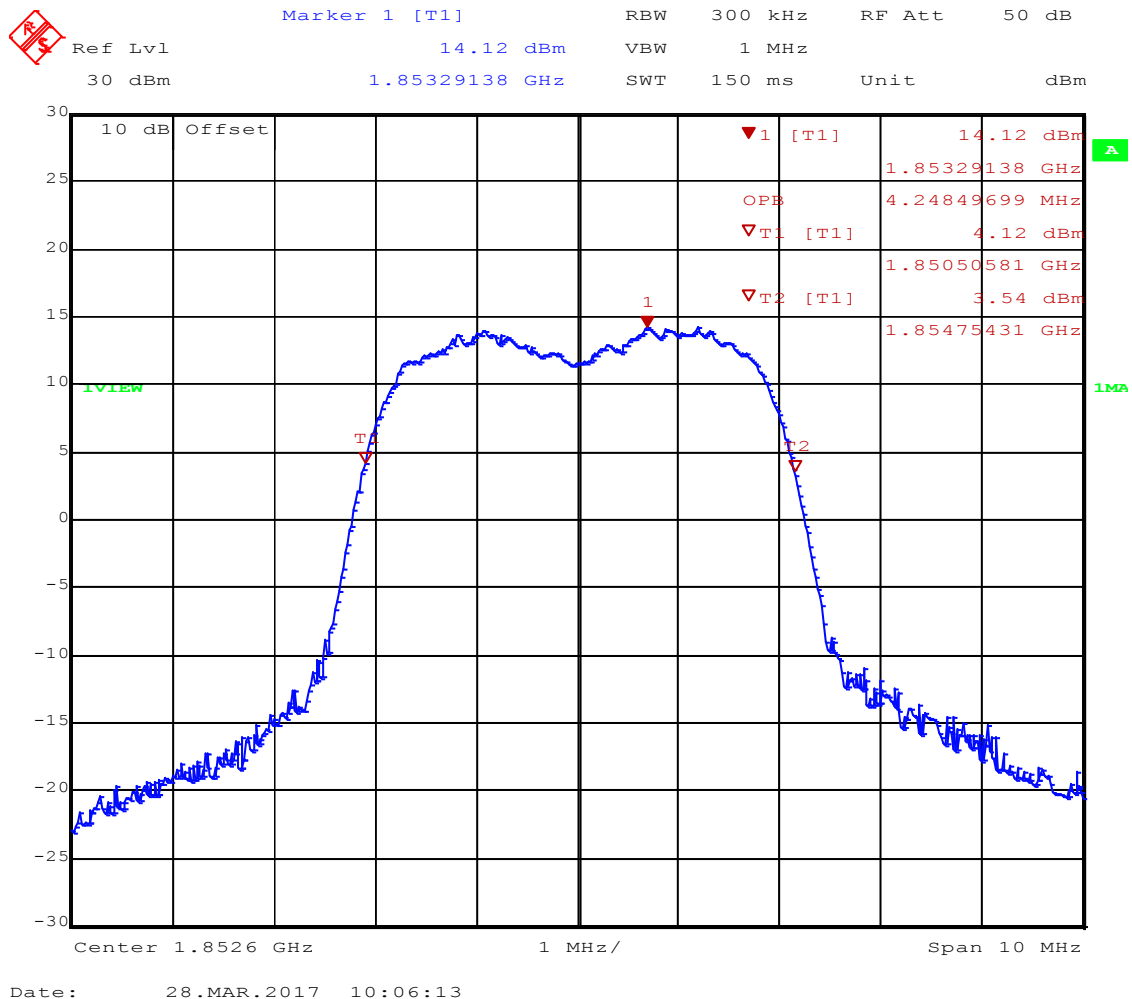


Occupied Bandwidth – W-CDMA II F_{Low}

Occupied Bandwidth acc. to RSS-Gen

Project Number: G0M-1702-6295

Applicant: eResearchTechnology GmbH
EUT Name: Spirometer
Model: SpiroSphere – Main Unit
Test Site: Eurofins Product Service GmbH
Operator: Burkhard Pudell
Test Conditions: Tnom / Vnom
Mode: UMTS FDD II / CH: 9263 / RMC+HSPA
Test Date: 2017-03-28
Verdict: NONE (INFORMATION ONLY)
Note 1: A spectrum analyzer with an integrated 99% power bandwidth function is used
Note 2: OBW = 4.248 MHz



Test Report No.: G0M-1702-6295-TFC224UL-MU-V01

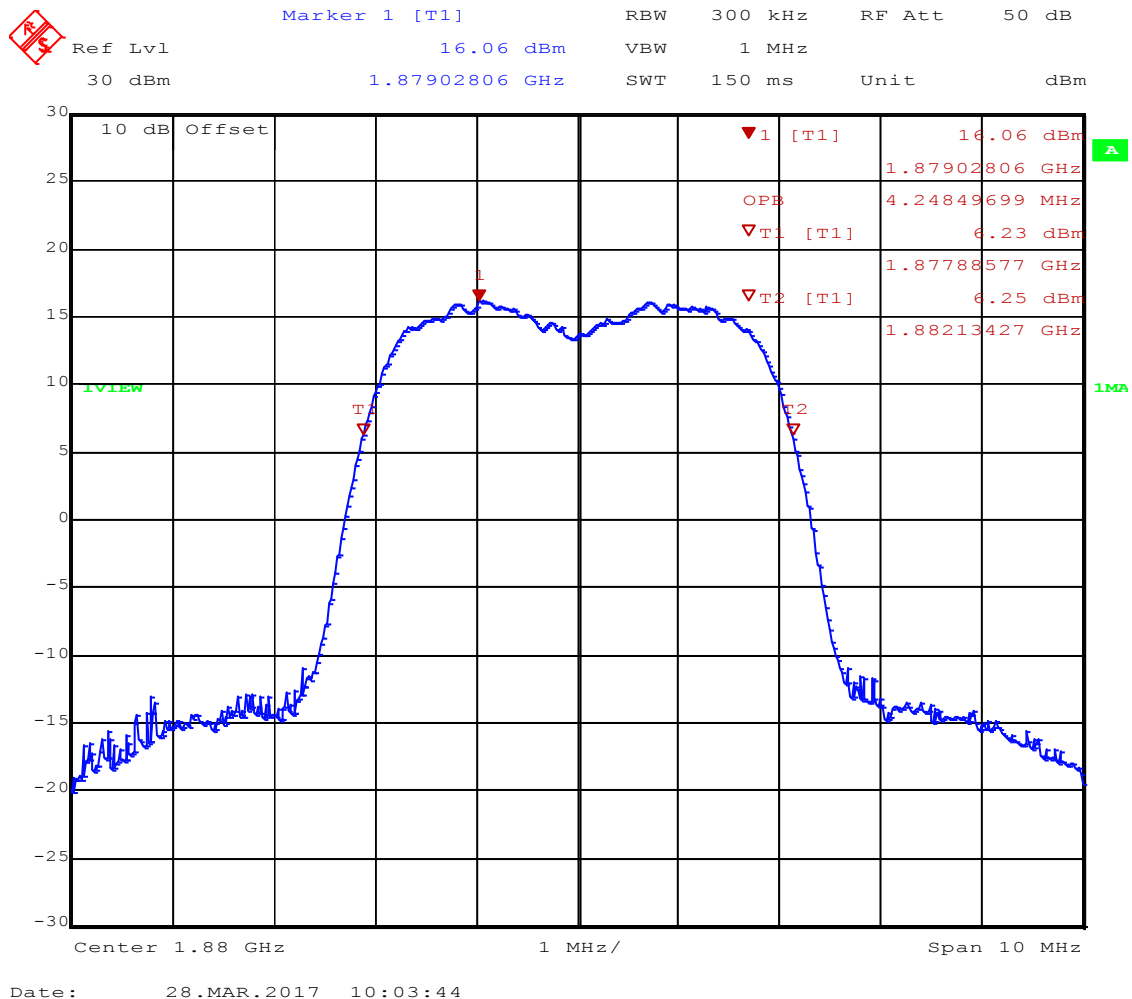
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Occupied Bandwidth – W-CDMA II F_{MID}

Occupied Bandwidth acc. to RSS-Gen

Project Number: G0M-1702-6295

Applicant: eResearchTechnology GmbH
EUT Name: Spirometer
Model: SpiroSphere – Main Unit
Test Site: Eurofins Product Service GmbH
Operator: Burkhard Pudell
Test Conditions: Tnom / Vnom
Mode: UMTS FDD II / CH: 9400 / RMC+HSPA
Test Date: 2017-03-28
Verdict: NONE (INFORMATION ONLY)
Note 1: A spectrum analyzer with an integrated 99% power bandwidth function is used
Note 2: OBW = 4.248 MHz

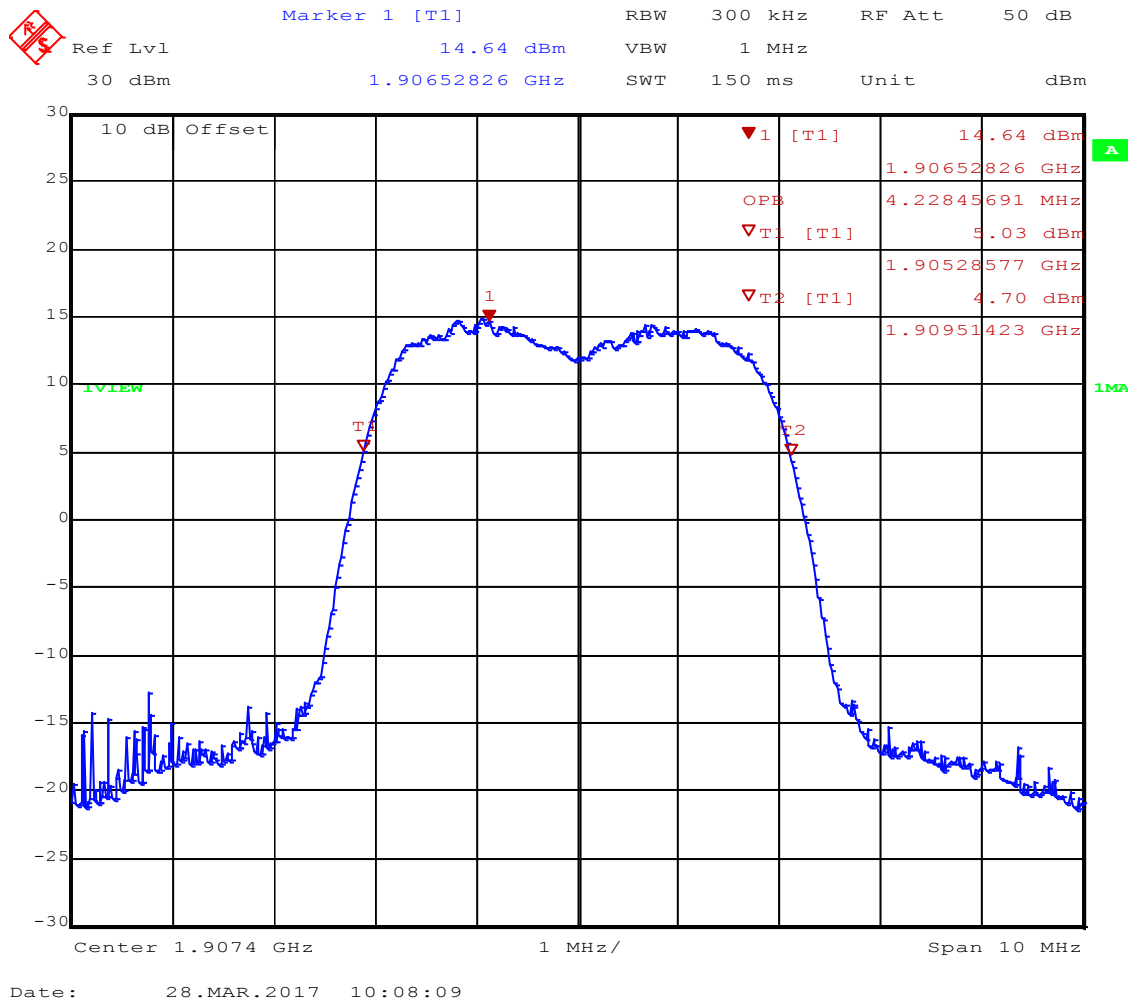


Occupied Bandwidth – W-CDMA II F_{HIGH}

Occupied Bandwidth acc. to RSS-Gen

Project Number: G0M-1702-6295

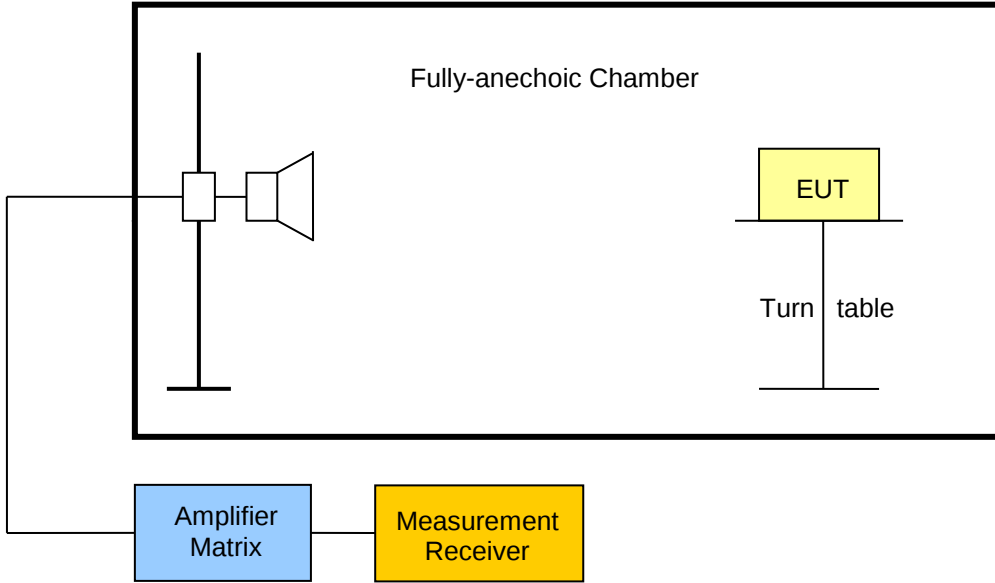
Applicant: eResearchTechnology GmbH
EUT Name: Spirometer
Model: SpiroSphere – Main Unit
Test Site: Eurofins Product Service GmbH
Operator: Burkhard Pudell
Test Conditions: Tnom / Vnom
Mode: UMTS FDD II / CH: 9537 / RMC+HSPA
Test Date: 2017-03-28
Verdict: NONE (INFORMATION ONLY)
Note 1: A spectrum analyzer with an integrated 99% power bandwidth function is used
Note 2: OBW = 4.228 MHz



Test Report No.: G0M-1702-6295-TFC224UL-MU-V01

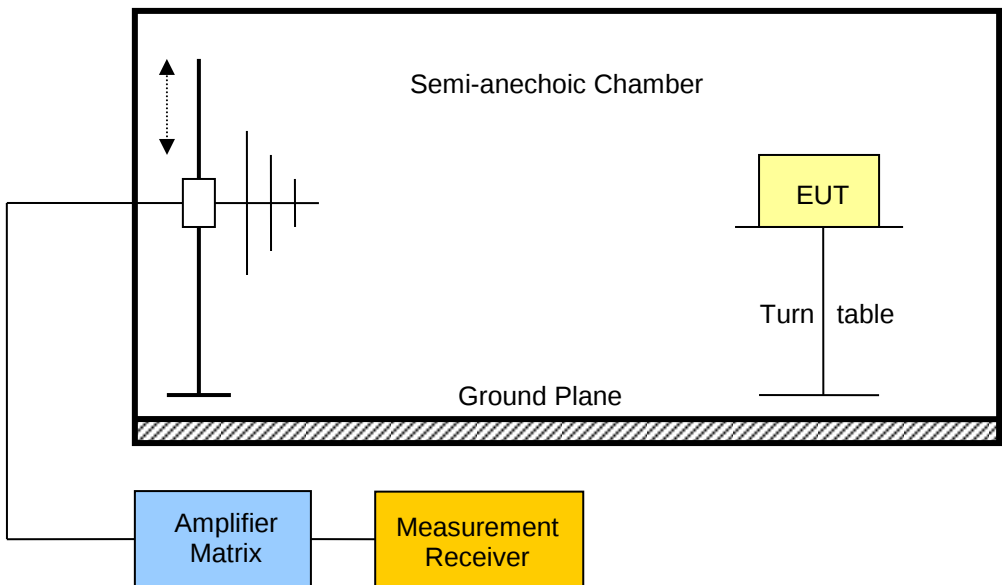
Eurofins Product Service GmbH
Storkower Str. 38c, D-15526 Reichenwalde, Germany

3.2 Test Conditions and Results – Effective radiated power / Equivalent isotropic radiated power

Radiated power acc. to FCC 22H / FCC 24E / ISED RSS-132 / ISED RSS-133			Verdict: PASS
EUT requirement rule parts and clause	Reference		
	FCC § 22.913(a) / FCC § 24.232(c) ISED RSS-132 § 4.4 /ISED RSS-133 § 6.4		
Test according to measurement reference	Reference Method		
	FCC § 22.913(a) / FCC § 24.232(c) / ANSI/TIA-603-D ISED RSS-132 § 4.4 /ISED RSS-133 § 6.4		
Test frequency range	Tested frequencies		
	F_{LOW} / F_{MID} / F_{HIGH}		
Limits			
Carrier Frequency range	Equipment type	Power limit	
824-849 MHz	Mobile transmitter	FCC : 7 Watts (38.45 dBm) e.i.r.p. ISED : 11.5 Watts (40.60 dBm) e.i.r.p.	
1850-1910 MHz	Mobile transmitter	FCC : 2 Watts (33 dBm) e.i.r.p. ISED : 2 Watts (33 dBm) e.i.r.p.	
Test setup			
Fully-anechoic Chamber 			
Test procedure			
1. EUT set to test mode 2. The radiated power is measured with a measurement antenna in vertical polarization 3. To obtain maximum level the EUT is rotated 4. The EUT is replaced with a half-wave dipole and the power to the dipole is adjusted to obtain same radiated power measurement value			

Test results – W-CDMA V E.R.P.							
Channel	Frequency [MHz]	Mode	Pol.	Power [dBm e.r.p]	Limit [dBm e.r.p]	Margin [dB]	Result
F _{LOW}	826.6	W-CDMA - PS	hor	21.2	38.45	-17.25	PASS
F _{MID}	835.0	W-CDMA - PS	hor	22.4	38.45	-16.05	PASS
F _{HIGH}	846.4	W-CDMA - PS	hor	20.8	38.45	-17.65	PASS
Test results – W-CDMA V E.I.R.P.							
Channel	Frequency [MHz]	Mode	Pol.	Power [dBm e.i.r.p]	Limit [dBm e.i.r.p]	Margin [dB]	Result
F _{LOW}	826.6	W-CDMA - PS	hor	23.35	40.6	-17.25	PASS
F _{MID}	835.0	W-CDMA - PS	hor	24.55	40.6	-16.05	PASS
F _{HIGH}	846.4	W-CDMA - PS	hor	22.95	40.6	-17.65	PASS
Test results – W-CDMA II E.I.R.P.							
Channel	Frequency [MHz]	Mode	Pol.	Power [dBm e.i.r.p]	Limit [dBm e.i.r.p]	Margin [dB]	Result
F _{LOW}	1852.6	W-CDMA - PS	ver	21.5	33	-11.5	PASS
F _{MID}	1880	W-CDMA - PS	ver	21.3	33	-11.7	PASS
F _{HIGH}	1907.4	W-CDMA - PS	ver	19.3	33	-13.7	PASS
Comments:							

3.3 Test Conditions and Results – Transmitter radiated emissions

Transmitter radiated power acc. to FCC 22H / FCC 24E / ISED RSS-132 / ISED RSS-133		Verdict: PASS
Test according referenced standards	Reference Method	
	FCC § 22.917(a) / FCC § 24.238(a) ISED RSS-132 § 4.5 / ISED RSS-133 § 6.5	
Test according to measurement reference	Reference Method	
	ANSI/TIA-603-D	
Test frequency range	Tested frequencies	
	30 MHz – 10 th Harmonic	
Limits		
Carrier Frequency range	Limit	
824-849 MHz	Attenuation below transmitter power ≥ 43 + 10 · log ₁₀ (P) [dB] = -13 dBm	
1850-1910 MHz	Attenuation below transmitter power ≥ 43 + 10 · log ₁₀ (P) [dB] = -13 dBm	
Test setup		
		
Test procedure		
1. EUT set to test mode 2. Maximum emission level is measured by rotating the EUT and adjusting the antenna height for vertical polarization 3. The EUT is replaced by a substitution antenna and generator 4. The power level is set to obtain the same power reading 5. Measurement is repeated for horizontal polarization		

Test results – W-CDMA FDD V							
Channel	Frequency [MHz]	Mode	Emission [MHz]	Level [dbm]	Pol.	Limit [dBm]	Margin [dB]
F _{LOW}	826.6	W-CDMA - PS	823	-18.31	hor	-13	-5.31
F _{MID}	835.0	W-CDMA - PS	No significant spurious emissions				
F _{HIGH}	846.4	W-CDMA - PS	No significant spurious emissions				
Comments:							

Test results – W-CDMA FDD II							
Channel	Frequency [MHz]	Mode	Emission [MHz]	Level [dbm]	Pol.	Limit [dBm]	Margin [dB]
F _{LOW}	1852.6	W-CDMA - PS	1850	-20.15	ver	-13	-7.15
F _{LOW}	1852.6	W-CDMA - PS	1850	-17.93	hor	-13	-4.93
F _{MID}	1880.0	W-CDMA - PS	No significant spurious emissions				
F _{HIGH}	1907.4	W-CDMA - PS	1910	-19.21	ver	-13	-6.21
F _{HIGH}	1907.4	W-CDMA - PS	1910	-17.19	hor	-13	-4.19
Comments:							

3.4 Test Conditions and Results – Receiver radiated emissions

Receiver radiated emissions acc. to ISED RSS-210				Verdict: PASS
Test according referenced standards	Reference Method			
	ISED RSS-132 5.6 / 133 6.6			
Test according to measurement reference	Reference Method			
	ANSI C63.4			
Test frequency range	Tested frequencies			
	30 MHz – 5 th Harmonic			
EUT test mode	Receive			
Limits				
Frequency range [MHz]	Detector	Limit [μV/m]	Limit [dBμV/m]	Limit Distance [m]
30 – 88	Quasi-Peak	100	40	3
88 – 216	Quasi-Peak	150	43.5	3
216 – 960	Quasi-Peak	200	46	3
960 – 1000	Quasi-Peak	500	54	3
> 1000	Average	500	54	3
Test setup				
<				

Test procedure							
1. EUT set to receive mode (Communication tester is used if needed) 2. Span it set according to measurement range 3. Resolution bandwidth below 1GHz is set according to CISPR 16 with peak/quasi-peak detector and RBW of 1MHz with peak/average detector is used above 1GHz 4. Markers are set to peak emission levels							
Test results							
Channel	Frequency [MHz]	Emission [MHz]	Emission Level [db μ V/m]	Emission Level [μ V/m]	Det.	Limit [μ V/m]	Margin [μ V/m]
F _{MID}	835	1510	45.66	191.9	pk	500	-309.1
F _{MID}	835	1516	46.89	221.1	pk	500	-278.9
F _{MID}	835	2122	46.91	221.6	pk	500	-278.4
F _{MID}	835	2722	47.20	229.1	pk	500	-270.9
F _{MID}	1880	1510	45.20	182.0	pk	500	-318.0
F _{MID}	1880	1516	46.98	223.4	pk	500	-276.6
F _{MID}	1880	2116	46.36	208.0	pk	500	-292.0
F _{MID}	1880	2726	46.36	208.0	pk	500	-292.0
Comments: * Physical distance between EUT and measurement antenna. ** Emission level corresponds to ambient noise floor							