





Full

TEST REPORT

No. I18D00141-SRD04

For

Client: Shanghai Sunmi Technology Co.,Ltd.

Production: Handheld Wireless Terminal

Model Name: T8900/T8901

FCC ID: 2AH25L2

Hardware Version: 2DD021_V2.01

Software Version: L2_V2.6_20180621

Issued date: 2018-09-26

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of ECIT Shanghai.

Test Laboratory:

ECIT Shanghai, East China Institute of Telecommunications

Add: 7-8F, G Area, No.668, Beijing East Road, Huangpu District, Shanghai, P. R. China

Tel: (+86)-021-63843300, E-Mail: welcome@ecit.org.cn



RF Test Report

Revision Version

Report No.: I18D00141-SRD04

Report Number	Revision	Date	Memo
I18D00141-SRD04	00	2018-09-26	Initial creation of test report

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1. Test Laboratory

1.1. Testing Location

Company Name:	ECIT Shanghai, East China Institute of Telecommunications			
Address:	7-8F, G Area, No. 668, Beijing East Road, Huangpu District,			
	Shanghai, P. R. China			
Postal Code:	200001			
Telephone:	(+86)-021-63843300			
Fax:	(+86)-021-63843301			

1.2. Testing Environment

Normal Temperature:	15-35℃
Extreme Temperature:	-30/+50℃
Relative Humidity:	20-75%

1.3. Project data

Project Leader:	Yu Anlu
Testing Start Date:	2018-08-09
Testing End Date:	2018-08-27

1.4. Signature

Yang Dejun

(Prepared this test report)

Shi Hongqi

(Reviewed this test report)

Sili Holigqi

施红旗

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Zheng Zhongbin Director of the laboratory

(Approved this test report)



Address:

Address:

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2. Client Information

2.1. Applicant Information

Company Name: Shanghai Sunmi Technology Co.,Ltd.

Room 505, KIC Plaza, No.388 Song Hu Road, Yang Pu District, Shanghai,

Report No.: I18D00141-SRD04

China

Postcode: 200433

Telephone: 18721763396

2.2. Manufacturer Information

Company Name: Shanghai Sunmi Technology Co.,Ltd.

Room 505, KIC Plaza, No.388 Song Hu Road, Yang Pu District, Shanghai,

China

Postcode: 200433

Telephone: 18721763396

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3. Equipment Under Test (EUT) and Ancillary Equipment (AE)

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3.1. About EUT

EUT Description	Handheld Wireless Terminal
Model name	T8900/T8901
FCC ID	2AH25L2
Frequency	GSM850/900/1800/1900;
	WCDMA Band I/II/IV/V
	LTE Band 2/4/7/17/28
Extreme Temperature	-30/+50℃
Nominal Voltage	3.85V
Extreme High Voltage	4.35V
Extreme Low Voltage	3.5V

Note: Photographs of EUT are shown in ANNEX A of this test report.

3.2. Internal Identification of EUT used during the test

EUT ID*	Model Name	SN or IMEI	HW Version	SW Version	Date of receipt
N01	T8900/T8901	N/A	2DD021_V2.	L2_V2.6_20	2018-07-25
			01	180621	
N07	T8900/T8901	N/A	2DD021_V2.	L2_V2.6_20	2018-07-25
			01	180621	

^{*}EUT ID: is used to identify the test sample in the lab internally.

3.3. Internal Identification of AE used during the test

AE ID*	Description	SN
AE1	RF cable	
AE2		

^{*}AE ID: is used to identify the test sample in the lab internally.

3.4. Statements

The T8900/T8901, supporting GPRS/EDGE/WCDMA/CDMA/LTE/BT/BLE/WLAN/NFC, manufactured by Shanghai Sunmi Technology Co.,Ltd.., which is a new product for testing.

ECIT has verified that the compliance of the tested device specified in section 5 of this test report is successfully evaluated according to the procedure and test methods as defined in type certification requirement listed in section 5 of this test report.

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4. Reference Documents

4.1. Reference Documents for testing

The following documents listed in this section are referred for testing.

Reference	Title	Version
FCC Part 24	PERSONAL COMMUNICATIONS SERVICES	2014
FCC Part 22	PUBLIC MOBILE SERVICES	2014
ANSI-TIA-603-E	Land Mobile FM or PM Communications Equipment	2016
	Measurement and Performance Standards	
ANSI C63.4	Methods of Measurement of Radio-Noise Emissions from	2014
	Low-Voltage Electrical and Electronic Equipment in the	
	Range of 9 kHz to 40 GHz	



5. SUMMARY OF TEST RESULTS

Item	Test items	FCC rules	result
1	Output Power	2.1046/22.913(a)/24.232(c)	Pass
2	Peak-to-Average Ratio	24.232(d)	Pass
3	99%Occupied Bandwidth	2.1049(h)(i)/ 22.917(b)	Pass
4	-26dB Emission Bandwidth	22.917(b)/§24.238(b)	Pass
5	Band Edge at antenna terminals	22.917(a)/24.238(a)	Pass
6	Frequency stability	2.1055/24.235	Pass
7	Conducted Spurious mission	2.1053/22.917(a)/24.238(a)	Pass
8	Emission Limit	2.1051/22.917/24.238/22.913/24.232	Pass

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6. Test Equipment Utilized

Climate chamber

No.	Equipment	Model	Serial Number	Manufactur er	Calibration date	Cal.interval
1	Climate chamber	SH-641	92012011	ESPEC	2017-12-25	2 Year

Radiated emission test system

The test equipment and ancillaries used are as follows.

No.	Equipment	Model	Serial Number	Manufactur er	Calibration date	Cal.interval
1	Universal Radio Communicatio n Tester	CMU20 0	123123	R&S	2018-05-11	1 Year
2	EMI Test Receiver	ESU40	100307	R&S	2018-05-11	1 Year
3	TRILOG Broadband Antenna	VULB9 163	VULB9163- 515	Schwarzbec k	2017-02-25	3 Year
4	Double- ridged Waveguide Antenna	ETS-31 17	00135890	ETS	2017-01-11	3 Year
5	2-Line V-Network	ENV21 6	101380	R&S	2018-05-11	1 Year
6	Substitution A ntenna	ETS-31 17	00135890	ETS	2017-01-11	3 Year
7	RF Signal Generator	SMF10 0A	102314	R&S	2018-05-11	1 Year
8	Substitution A ntenna	VUBA9 117	9117-266	Schwarzbec k	2017-11-18	3 Year
9	Amplifier	SCU08	10146	R&S	2018-05-11	1 Year

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Conducted test system

No.	Name	Type	SN	Manufacture	Calibratio n date	Cal.interval
1	Spectrum Analyzer	FSQ26	101096	R&S	2018-05-11	1 Year
2	Universal Radio Communicat	CMU200	123124	R&S	2018-05-11	1 Year
3	DC Power Supply	ZUP60-1 4	LOC-220Z006 -0007	TDL-Lambda	2018-05-11	1 Year

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7. Test Environment

Shielding Room1 (6.0 meters×3.0 meters×2.7 meters) did not exceed following limits along the conducted RF performance testing:

Temperature	Min. = 15 $^{\circ}$ C, Max. = 35 $^{\circ}$ C
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	> 100 dB
Ground system resistance	< 0.5

Control room did not exceed following limits along the EMC testing:

Temperature	Min. = 15 ℃, Max. = 35 ℃
Relative humidity	Min. =25 %, Max. = 75 %
Shielding effectiveness	> 100 dB
Electrical insulation	> 10 k
Ground system resistance	< 0.5

Fully-anechoic chamber1 (6.9 meters×10.9 meters×5.4 meters) did not exceed following limits along the EMC testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 25 %, Max. = 75 %
Shielding effectiveness	> 100 dB
Electrical insulation	> 10 k
Ground system resistance	< 0.5
VSWR	Between 0 and 6 dB, from 1GHz to 18GHz
Site Attenuation Deviation	Between -4 and 4 dB,30MHz to 1GHz
Uniformity of field strength	Between 0 and 6 dB, from 80MHz to 3000 MHz

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ANNEX A. MEASUREMENT RESULTS

ANNEX A.1. OUTPUT POWER

A.1.1. Summary

During the process of testing, the EUT was controlled Rhode & Schwarz Digital Radio. Communication tester (CMU-200) to ensure max power transmission and proper modulation. This result contains peak output power and EIRP measurements for the EUT. In all cases, output power is within the specified limits.

A.1.2. Conducted

A.1.2.1. Method of Measurements

Method of measurements please refer to KDB971168 D01 v03 clause 5.

The EUT was set up for the max output power with pseudo random data modulation.

The power was measured with Rhode & Schwarz Spectrum Analyzer FSQ(peak).

These measurements were done at 3 frequencies, 1850.2 MHz, 1880.0MHz and 1909.8MHz for PCS1900 band; 824.2MHz, 836.6MHz and 848.8MHz for GSM850 band. (bottom, middle and top of operational frequency range).

These measurements were done at 3 frequencies, 1852.4 MHz, 1880.0MHz and 1907.6MHz for WCDMA Band II; 826.4MHz, 836.6MHz and 846.6MHz for WCDMA Band V. (bottom, middle and top of operational frequency range).

A.1.2.2 Test procedures:

- 1. The transmitter output port was connected to base station.
- 2. Set the EUT at maximum power through base station.
- 3. Select lowest, middle, and highest channels for each band and different modulation.
- 4. Measure the maximum burst average power for GSM and maximum average power for other modulation signal.

A.1.2.3 Limit:

22.913(a) Mobile stations are limited to 7watts.

24.232(c) Mobile and portable stations are limited to 2 watts.

A.1.2.4 Test Procedure:

The transmitter output power was connected to calibrated attenuator, the other end of which was connected to signal analyzer. Transmitter output power was read off the power in dBm. The power outputs at the transmitter antenna port was determined by adding the value of attenuator to the signal analyzer reading.

A.1.2.5 GSM Test Condition:

RBW	VBW	Sweep time	Span
		Sweep time	Span



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1MHz 1M	Hz 300ms	10MHz
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A.1.2.6 WCDMA Test Condition:

RBW	VBW	Sweep time	Span
10MHz	10MHz	800ms	50MHz

A.1.2.7 Measurement results:

GPRS 850 (GMSK 1 Slot)			
Channel/fc(MHz)	Peak power (dBm)	AV power (dBm)	
Mid 189/836.4	32.11	31.87	
Low 128/824.2	32.45	32.18	
High 251/848.8	31.91	31.62	
EDGE 850 (8PSK 1 Slot)			
Channel/fc(MHz)	Peak power (dBm)	AV power (dBm)	
Mid 189/836.4	28.16	24.77	
Low 128/824.2	28.02	24.82	
High 251/848.8	27.68	24.45	

GPRS 1900 (GMSK 1 Slot)			
Channel/fc(MHz)	Peak power (dBm)	AV power (dBm)	
Mid 661/1880	29.78	29.61	
Low 512/1850.2	29.73	29.57	
High 810/1909.8	29.68	29.51	
EDGE 1900 (8PSK 1 Slot)			
Channel/fc(MHz)	Peak power (dBm)	AV power (dBm)	
Mid 661/1880	27.9	24.65	
Low 512/1850.2	27.87	24.62	
High 810/1909.8	27.67	24.47	

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WCDMA II			
Channel/fc(MHz)	Peak power (dBm)	AV power (dBm)	
Mid 9400 /1880	26.47	23.23	
Low 9262/1852.4	26.89	23.58	
High 9538/1907.6	26.33	23.4	
WCE	DMA BAND IV		
Channel/fc(MHz)	Peak power (dBm)	AV power (dBm)	
Mid 1413 /1732.6	25.94	23.22	
Low 1312/1712.4	25.85	23.11	
High 1513/1752.6	25.96	23.27	
WCI	DMA BAND V		
Channel/fc(MHz)	Channel/fc(MHz)	Channel/fc(MHz)	
Mid 4183/836.6	26.35	23.27	
Low 4132/826.4	26.64	23.51	
High 4233/846.6	26.15	23.06	

Conclusion: PASS

ANNEX A.2. Peak-to-Average Power Ratio

Method of test measurements please refer to KDB971168 D01 v03 clause 5.7.

A.2.1 PAPR Limit

The peak-to-average power ratio (PAPR) of the transmission may not exceed 13dB

A.2.2 Test procedures

1. The EUT was connected to the spectrum analyzer and system simulator via a power divider.

2.

- 1) Select the spectrum analyzer CCDF function.
- 2) Set RBW ≥ signal's occupied bandwidth.
- 3) Set the number of counts to a value that stabilizes the measured CCDF cure;
- 4) Sweep time \geq 1s.
- 3. Record the maximum PAPR level associated with a probability of 0.1%.

A.2.3 Test results:

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GPRS850 Channel 128 189 251 Frequency (MHz) 824.2 836.4 848.8 PAPR(dB) 10.71 7.82 7.72 EDGE850 Channel 128 189 251 Frequency (MHz) 824.2 836.4 848.8 PAPR(dB) 10.71 7.72 7.83

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GPRS1900					
Channel	512	661	810		
Frequency (MHz)	1850.2	1880	1909.8		
PAPR(dB)	10.77	10.77	10.8		
	EDGE1900				
Channel	128	189	251		
Frequency (MHz)	824.2	836.4	848.8		
PAPR(dB)	10.73	10.73	10.74		

WCDMA Band II					
Channel	9262	9400	9538		
Frequency (MHz)	1852.4	1880	1907.6		
PAPR(dB)	4.71	4.58	4.97		
WCDMA Band IV					
Channel	Channel 1312 1413 1513				
Frequency (MHz)	1712.4	1732.6	1752.6		
PAPR(dB)	4.39	4.13	4.55		

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WCDMA Band V			
Channel	4132	4183	4233
Frequency (MHz)	826.4	836.4	846.6
PAPR(dB)	3.81	3.88	3.85

Conclusion: PASS

ANNEX A.3. Occupied Bandwidth

Method of test please refer to KDB971168 D01 v03 clause 4.0.

A.3.1. Occupied Bandwidth

Similar to conducted emissions; occupied bandwidth measurements are only provided for selected frequencies in order to reduce the amount of submitted data. Data were taken at the extreme and mid frequencies of GSM850, PCS1900, WCDMA BANDII and WCDMA BANDV.

A.3.2 Test Procedure:

- 1. The EUT output RF connector was connected with a short cable to the signal analyzer.
- 2. RBW was set to about 1% of emission BW, VBW >= 3 times RBW,.
- 3. 99% bandwidth were measured, the occupied bandwidth is delta frequency between the two points where the display line intersects the signal trace.

A.3.3 Test result:

	GPRS850	
Test channel	Frequency (MHz)	99% Occupied Bandwidth(KHz)
Mid 189	836.4	245.192
Low 128	824.2	241.987
High 251	848.8	246.795
	EDGE850	
Test channel	Frequency (MHz)	99% Occupied Bandwidth(KHz)
Mid 189	836.4	238.782

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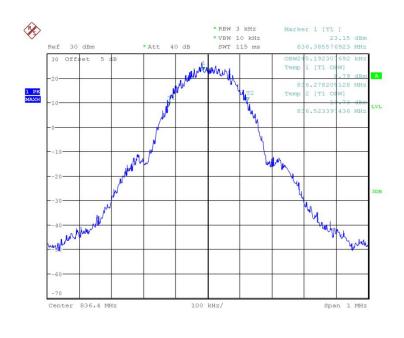
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Low 128	824.2	243.59
High 251	848.8	243.59

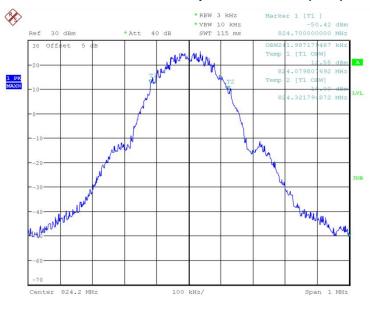
Conclusion: PASS

GPRS 850



Date: 30.JUL.2018 10:09:16

Channel 189-Occupied Bandwidth (99%)



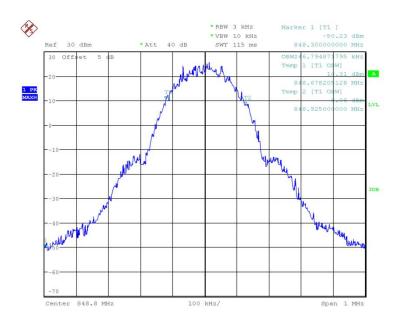
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Channel 128-Occupied Bandwidth (99%)

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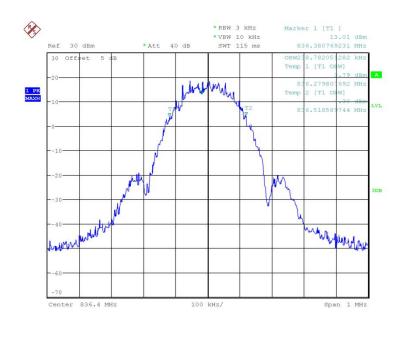


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Date: 30.JUL.2018 10:12:45

Channel 251-Occupied Bandwidth (99%)

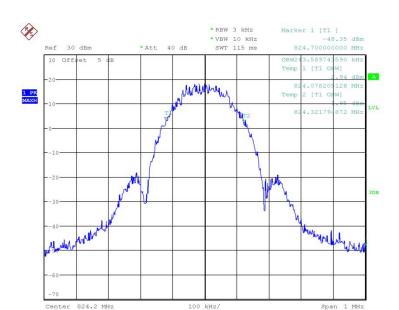
EDGE 850



Channel 189-Occupied Bandwidth (99%)

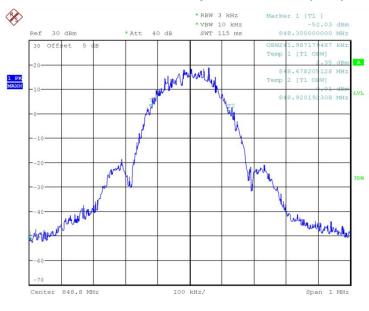
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Date: 30.JUL.2018 10:13:32

Channel 128-Occupied Bandwidth (99%)



Date: 30.JUL.2018 10:14:20

Channel 251-Occupied Bandwidth (99%)

GPRS1900			
Test channel	Frequency (MHz)	99% Occupied Bandwidth(KHz)	
Mid 661	1880	243.59	
Low 512	1850.2	245.192	

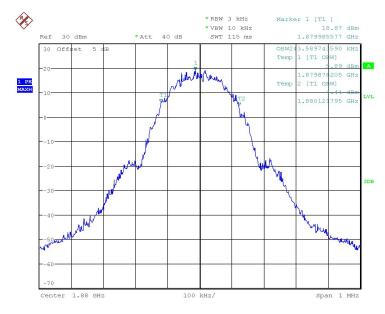
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High 810	1909.8	246.795
EDGE1900		
Test channel	Frequency (MHz)	99% Occupied Bandwidth(KHz)
Mid 661	1880	241.987
Low 512	1850.2	243.59
High 810	1909.8	246.795

Conclusion: PASS GPRS 1900



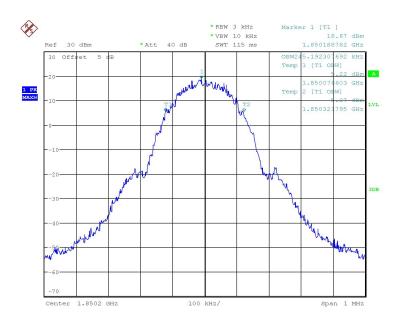
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Channel 661-Occupied Bandwidth

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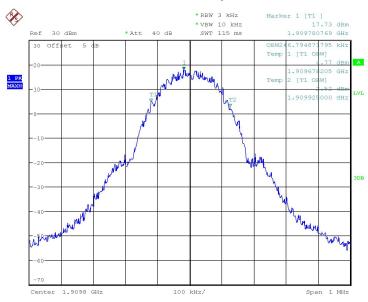
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Date: 31.JUL.2018 05:11:33

Channel 512-Occupied Bandwidth



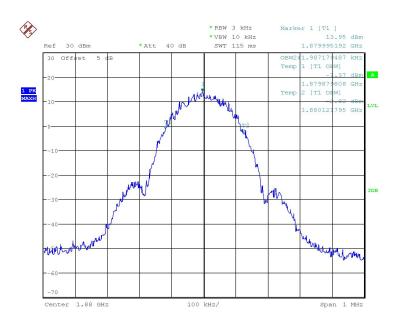
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Channel 810-Occupied Bandwidth

EDGE 1900

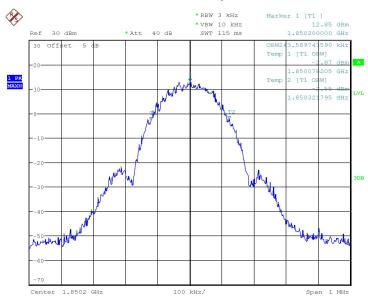






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Channel 661-Occupied Bandwidth



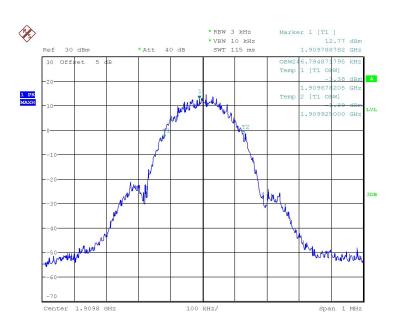
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Channel 512-Occupied Bandwidth

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Date: 31.JUL.2018 05:29:31

Channel 810-Occupied Bandwidth

WCDMA BAND II		
Test channel	Frequency (MHz)	99% Occupied
rest channel	Frequency (MHZ)	Bandwidth(MHz)
Mid 9400	1880	4.135
Low 9262	1852.4	4.135
High 9538	1907.6	4.135

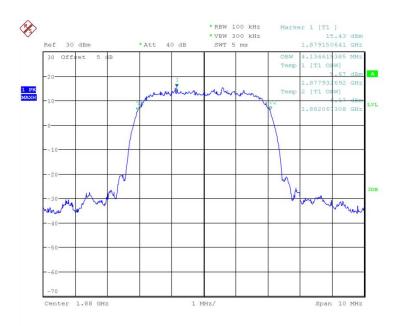
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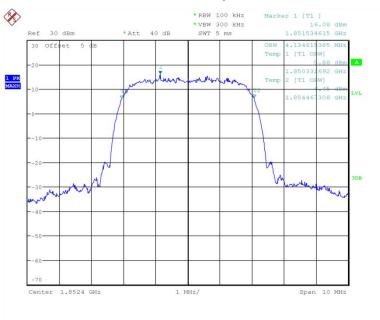
Conclusion: PASS WCDMA BAND II





Date: 30.JUL.2018 10:42:57

Channel 9400-Occupied Bandwidth



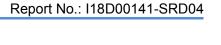
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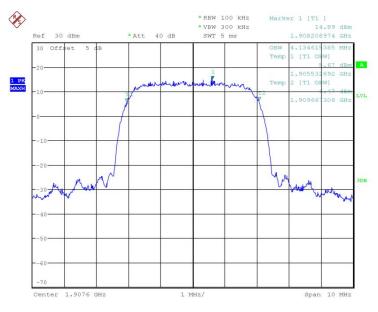
Channel 9262-Occupied Bandwidth

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Date: 30.JUL.2018 10:45:02

Channel 9538-Occupied Bandwidth

WCDMA BAND IV		
Test channel	Frequency (MHz)	99% Occupied Bandwidth(MHz)
Mid 1413	1732.6	4.135
Low 1312	1712.4	4.151
High 1513	1752.6	4.135

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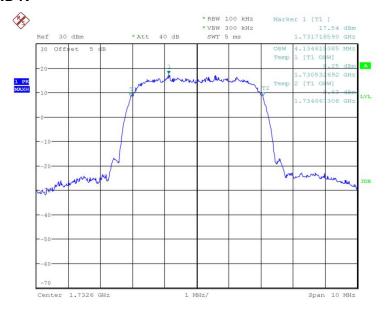
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Conclusion: PASS



WCDMA BAND IV



Date: 30.JUL.2018 10:46:14

Channel 1413-Occupied Bandwidth



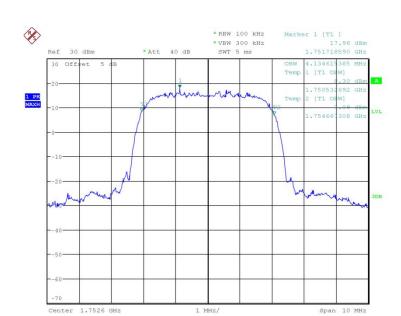
Date: 30.JUL.2018 10:47:18

Channel 1312-Occupied Bandwidth

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Date: 30.JUL.2018 10:48:23

Channel 1513-Occupied Bandwidth

WCDMA BAND V		
Test channel	Frequency (MHz)	99% Occupied Bandwidth(MHz)
Mid 4183	836.6	4.135
Low 4132	826.4	4.119
High 4233	846.6	4.151

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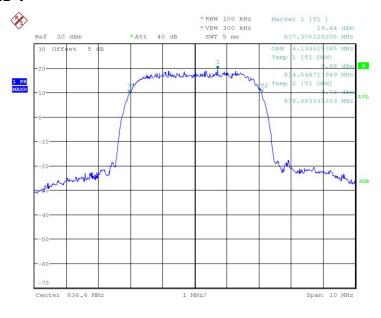
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Conclusion: PASS

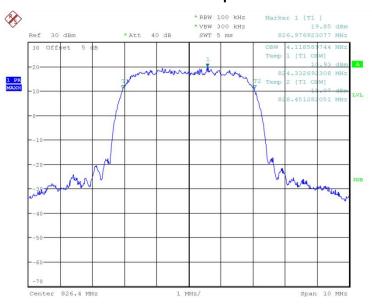


WCDMA BAND V



Date: 30.JUL.2018 10:49:35

Channel 4183-Occupied Bandwidth



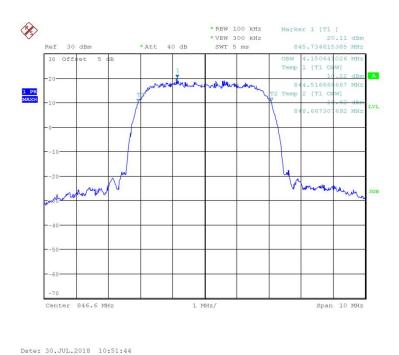
Date: 30.JUL.2018 10:50:40

Channel 4132-Occupied Bandwidth

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Channel 4233-Occupied Bandwidth

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ANNEX A.4. -26dB Emission Bandwidth

Method of test please refer to KDB971168 D01 v03 clause 4.0.

A.4.1. -26dB Emission Bandwidth

Similar to conducted emissions; occupied bandwidth measurements are only provided for selected frequencies in order to reduce the amount of submitted data. Data were taken at the extreme and mid frequencies of GSM850, PCS1900, WCDMA BANDII and WCDMA BANDV.

A.4.2 Test Procedure:

- 1. The EUT output RF connector was connected with a short cable to the signal analyzer.
- RBW was set to about 1% of emission BW, VBW >= 3 times RBW,.
- 3. 26dB bandwidth were measured, the occupied bandwidth is delta frequency between the two points where the display line intersects the signal trace.

A.4.3 Measurement methods:

For GSM: signal analyzer setting as: RBW=3KHz;VBW=10KHz;Span=1MHz.

For WCDMA: signal analyzer setting as: RBW=50KHz;VBW=200KHz;Span=10MHz.

A.4.4 Test results:

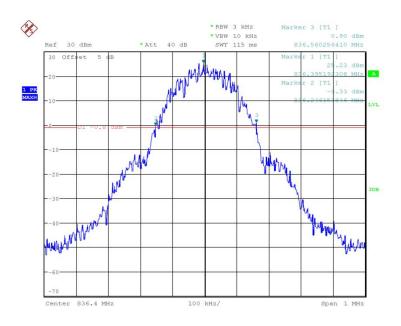
GPRS 850		
Test channel	Frequency (MHz)	–26dBc Emission Bandwidth(MHz)
Mid 189	836.4	314.103
Low 128	824.2	312.5
High 251	848.8	322.115
EDGE 850		
Test channel	Frequency (MHz)	–26dBc Emission Bandwidth(MHz)
Mid 189	836.4	307.692
Low 128	824.2	293.269
High 251	848.8	310.897

Conclusion: PASS

GPRS 850

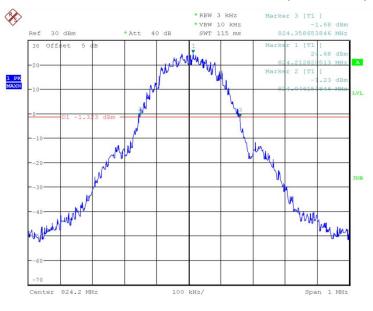
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Date: 30.JUL.2018 10:17:11

Channel 189- Emission Bandwidth (-26dBc BW)

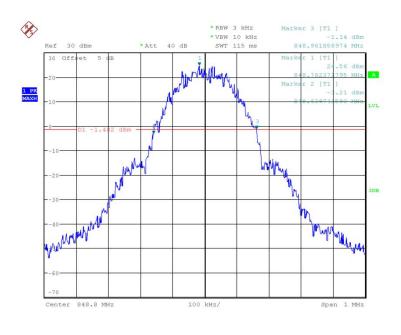


Date: 30.JUL.2018 10:17:41

Channel 128- Emission Bandwidth (-26dBc BW)

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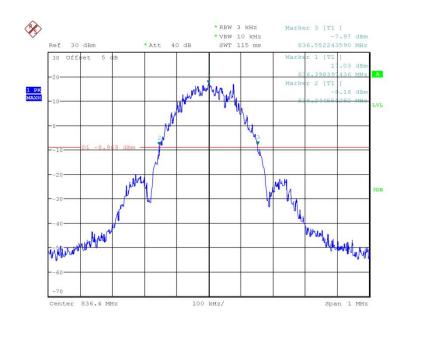




Date: 30.JUL.2018 10:18:10

Channel 251- Emission Bandwidth (-26dBc BW)

EDGE 850

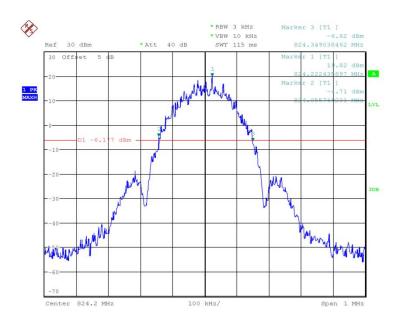


Date: 30.JUL.2018 10:19:39

Channel 189- Emission Bandwidth (-26dBc BW)

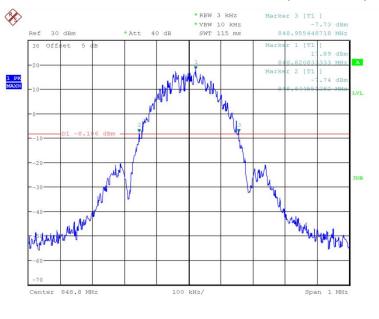
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Date: 30.JUL.2018 10:20:09

Channel 128- Emission Bandwidth (-26dBc BW)



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Channel 251- Emission Bandwidth (-26dBc BW)

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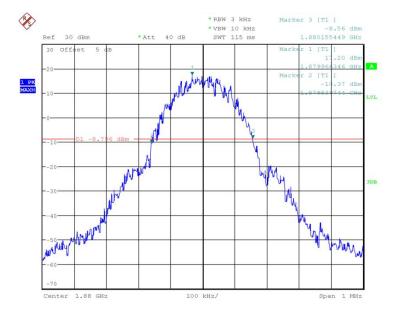
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GPRS1900 -26dBc Emission Frequency (MHz) Test channel Bandwidth(MHz) Mid 661 1880 315.705 Low 512 1850.2 309.295 High 810 1909.8 310.897 EDGE1900 -26dBc Emission Test channel Frequency (MHz) Bandwidth(MHz) Mid 661 1880 309.295 Low 512 1850.2 312.5 High 810 1909.8 307.692

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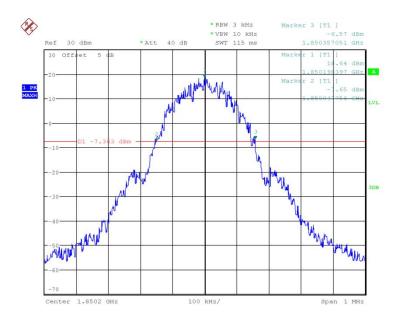
Conclusion: PASS GPRS 1900



Channel 661- Emission Bandwidth (-26dBc BW)

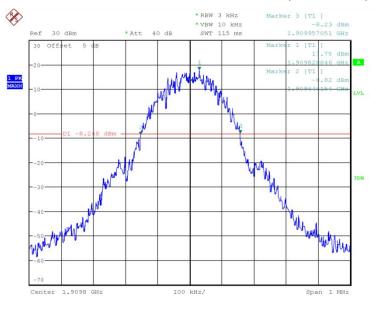
Date: 30.JUL.2018 10:22:26





Date: 30.JUL.2018 10:22:54

Channel 512- Emission Bandwidth (-26dBc BW)



Date: 30.JUL.2018 10:23:23

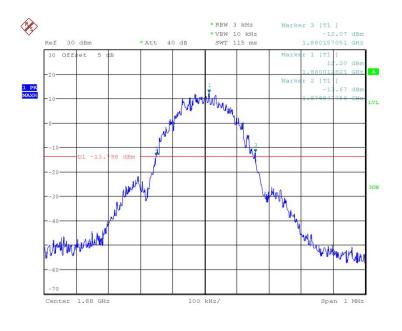
Channel 810- Emission Bandwidth (-26dBc BW)

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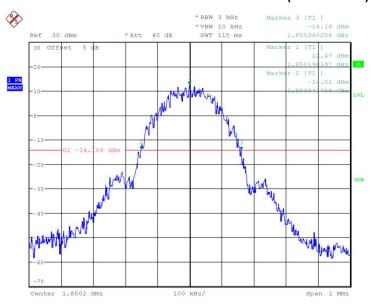


EDGE 1900



Date: 30.JUL.2018 10:24:51

Channel 661- Emission Bandwidth (-26dBc BW)



Date: 30.JUL.2018 10:25:20

Channel512- Emission Bandwidth (-26dBc BW)

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Date: 30.JUL.2018 10:25:48

Channel 810- Emission Bandwidth (-26dBc BW)

WCDMA BAND II		
Test channel	Frequency (MHz)	–26dBc Emission Bandwidth(MHz)
Mid 9400	1880	4.712
Low 9262	1852.4	4.712
High 9538	1907.6	4.728

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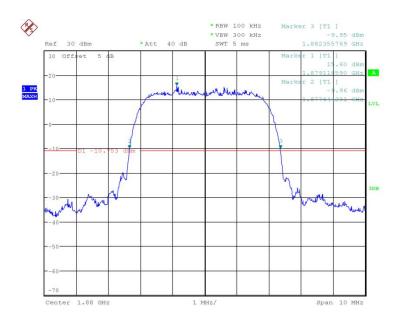
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Conclusion: PASS

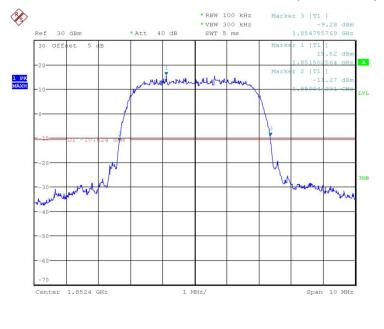
WCDMA BAND II





Date: 30.JUL.2018 11:21:44

Channel 9400- Emission Bandwidth (-26dBc BW)

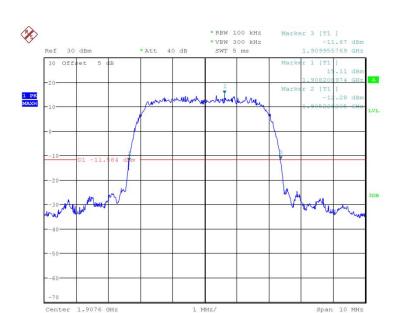


Channel 9262- Emission Bandwidth (-26dBc BW)

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Date: 30.JUL.2018 11:22:48

Channel 9538- Emission Bandwidth (-26dBc BW)

WCDMA BAND IV		
Test channel	Frequency (MHz)	–26dBc Emission Bandwidth(MHz)
Mid 1413	1732.6	4.728
Low 1312	1712.4	4.712
High 1513	1752.6	4.712

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Conclusion: PASS

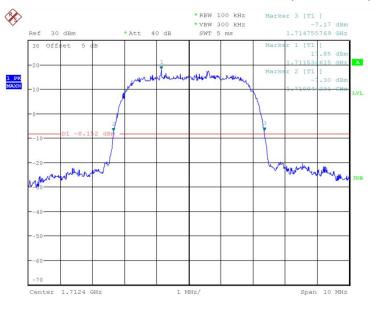
WCDMA BAND IV





Date: 30.JUL.2018 11:23:29

Channel 1413- Emission Bandwidth (-26dBc BW)



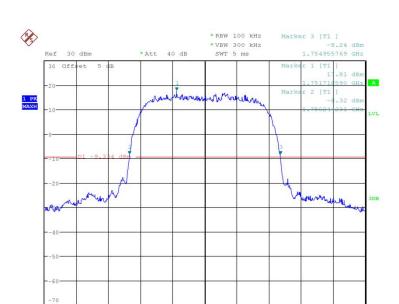
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Channel 1312- Emission Bandwidth (-26dBc BW)

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Center 1.7526 GHz

Channel 1513- Emission Bandwidth (-26dBc BW)

Span 10 MHz

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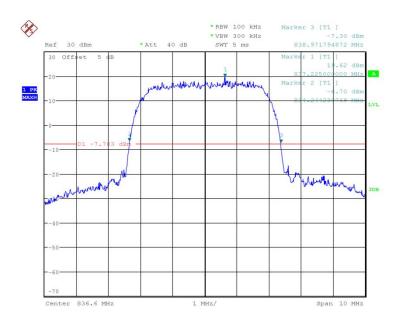
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WCDMA BAND V		
Test channel	Frequency (MHz)	–26dBc Emission Bandwidth(MHz)
Mid 4183	836.6	4.728
Low 4132	826.4	4.712
High 4233	846.6	4.744

Conclusion: PASS

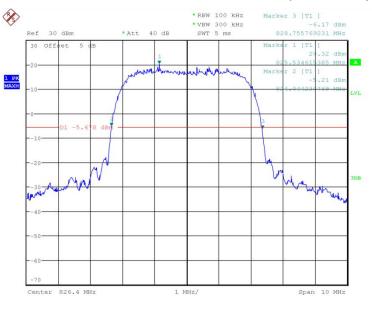
WCDMA BAND V





Date: 30.JUL.2018 11:25:14

Channel 4183- Emission Bandwidth (-26dBc BW)



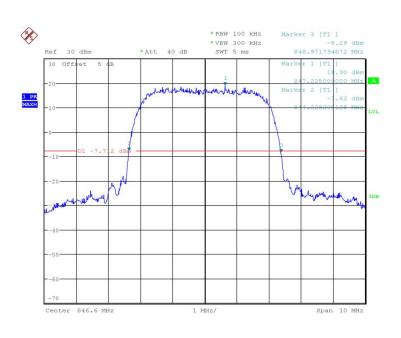
Date: 30.JUL.2018 11:25:46

Channel4132- Emission Bandwidth (-26dBc BW)

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Date: 30.JUL.2018 11:26:18

Channel 4233- Emission Bandwidth (-26dBc BW)

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ANNEX A.5. Band Edge at antenna terminals

Method of test measurements please refer to KDB971168 D01 v03 clause 6

A.5.1 Limit:

The magnitude of each spurious and harmonic emission that can be detected when the equipment is operated under the conditions specification in the instruction manual and/or alignment procedure, shall not be less than 43+10log (Mean power in watts) dBc below the mean power output outside a license's frequency block(-13dBm).

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A.5.2 Test procedure:

- 1. The RF output of the transceiver was connected to a signal analyzer through appropriate attenuation.
- In the 1MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.
- 3. The RF fundamental frequency should be excluded against the limit line in the operating frequency band
- 4. The limit line is derived from 43+10log(P) Db below the transmitter power P(Watts)
 - =P(W)-[43+10log(P)](Db)
 - =[30+10log(P)](dBm)-[43+10log(P)](Db)
 - =-13dBm

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