



TEST REPORT

REPORT NUMBER: I21W00039-WWAN_Rev3

ON
Type of Equipment: Wireless communication module
Type of Designation: SLM900
Brand Name: MEIGLink
Manufacturer: MeiG Smart Technology Co., Ltd
FCC ID: 2APJ4-SLM900

ACCORDING TO

FCC CFR Part 2, FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS;
GENERAL RULES AND REGULATIONS, e-CFR, 2019
PART 22, PUBLIC MOBILE SERVICES, e-CFR, 2019
PART 24, PERSONAL COMMUNICATIONS SERVICES, e-CFR, 2019
PART 27, MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES, e-CFR, 2019
PART 90, PRIVATE LAND MOBILE RADIO SERVICES, e-CFR, 2019
ANSI C63.26-2015

Chongqing Academy of Information and Communications Technology

Month date, year

Jan, 18, 2022

Signature

Xiang Luoyong

Director

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 Chongqing Academy of Information and Communications Technology.



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Revision Version

Report Number	Revision	Date	Memo
I21W00039-WWAN	00	2021-11-09	Initial creation of test report
I21W00039-WWAN_Rev1	01	2022-01-07	Create test report for the second time
I21W00039-WWAN_Rev2	02	2022-01-17	Create test report for the Third time
I21W00039-WWAN_Rev3	03	2022-01-18	Create test report for the fourth time

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1. Test Laboratory

1.1. Testing Location

Name:	Chongqing Academy of Information and Communications Technology
FCC Registration Number:	CN1239
Address:	Building C, Technology Innovation Center, No.8, Yuma Road, Chayuan New Area, Nan'an District, Chongqing, People's Republic of China
Postal Code:	401336
Telephone:	0086-23-88069965
Fax:	0086-23-88608777

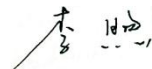
1.2. Testing Environment

Normal Temperature:	15-35°C
Relative Humidity:	30-60%

1.3. Project data

Testing Start Date:	2021-11-01
Testing End Date:	2022-01-17

1.4. Signature



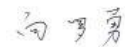
2022-01-18

LiXu
(Prepared this test report)

Date

2022-01-18

ChenWen
(Reviewed this test report)

Date

2022-01-18

XiangLuoYong
Director of the laboratory
(Approved this test report)

Date

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2. Client Information

2.1. Applicant Information

Company Name:	MeiG Smart Technology Co., Ltd
Address /Post:	Floor 2, No.5 Office Building, Lingxia Road, Fenghuang Community, Fuyong Street, Bao 'an District, Shenzhen
City:	Shenzhen
Country:	China
Telephone:	021-54278676
Fax:	--
Email:	louxinwei@meigsmart.com
Contact Person:	louxinwei

2.2. Manufacturer Information

Company Name:	--
Address /Post:	--
City:	--
Country:	--
Telephone:	--
Fax:	--
Email:	--
Contact Person:	--

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

3.1. About EUT

EUT Description	Wireless communication module		
Model name	SLM900		
Brand name	MEIGLink		
GSM Frequency Band	850/1900		
WCDMA Frequency Band	2/4/5		
LTE Frequency Band	2/4/5/7/12/13/17/25/26		
Type of modulation	GMSK/8PSK/QPSK/16QAM		
Antenna description	External Antenna		
	Note:The antenna is used as an accessory for testing		
Antenna Gain	GSM	824-849MHz	3.52dBi
		1850-1910MHz	3.57dBi
	WCDMA	1850-1910MHz	3.57dBi
		1710-1755MHz	3.99dBi
	LTE	1850-1910MHz	3.57dBi
		1710-1755MHz	3.99dBi
		824-849MHz	3.52dBi
		2500-2570MHz	5.19dBi
		699-716MHz	3.18dBi
		746-756MHz	3.42dBi
		704-716MHz	3.18dBi
1850-1915MHz	3.57dBi		
	807-824MHz	3.52dBi	
Power Class	3		
Extreme Temperature	-40/+75°C		
Nominal Voltage	3.8		

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Extreme High Voltage	4.2
Extreme Low Voltage	3.5

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

Note: High and low voltage values in extreme condition test are given by manufacturer.

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version	Date of receipt
S5	865171050693608	SLM900_MB_ V1.01_PCB	SLM900A_EQ000_2774.1F29708. FDF14BA_210831_100_V01_T04	2021-10-27
S1	865171050693525	SLM900_MB_ V1.01_PCB	SLM900A_EQ000_2774.1F29708. FDF14BA_210831_100_V01_T04	2021-10-27

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

3.3. Outline of Equipment under Test

Technology	Band	UL Freq.(MHz)	DL Freq.(MHz)	Note
GSM	GSM850	824 – 849	869 – 894	--
	PCS1900	1850 – 1910	1930 – 1990	--
WCDMA	B2	1850-1910	1930-1990	--
	B4	1710-1755	2110-2155	--
	B5	824-849	869-894	--
LTE	B2	1850 – 1910	1930 – 1990	--
	B4	1710 – 1755	2110 – 2155	--
	B5	824 – 849	869 – 894	--
	B7	2500-2570	2620-2690	--
	B12	699-716	729-746	--
	B13	746-756	777-787	--
	B17	704-716	734-746	--
	B25	1850-1915	1930-1995	--
	B26	814-849	859-894	--
BLUETOOTH	--	2402-2480		--
WLAN	2.4G	2400-2483.5		--
	5G	UNII 1: 5150MHz-5250MHz UNII 2A: 5250MHz-5350MHz UNII 2C: 5470MHz-5725MHz UNII 3: 5725MHz-5850MHz		

3.4. Internal Identification of AE used during the test

AE ID*	Description	dB*
AE1	RF cable	--

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

dB*: is provided customer.

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4. Reference Documents

4.1. Documents supplied by applicant

PICS/PIXIT, referring to Annex B for detailed information, is supplied by the client or manufacturer, which is the basis of testing.

4.2. Reference Documents for testing

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

Reference	Title	Version
FCC CFR Part 2	FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS, e-CFR	2019
PART 22	PUBLIC MOBILE SERVICES	2019
PART 24 , 2019	PERSONAL COMMUNICATIONS SERVICES, e-CFR	2019
PART 27, 2019	MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES, e-CFR	2019
PART 90, 2019	PRIVATE LAND MOBILE RADIO SERVICES	2019
ANSI C63.26-2015	--	2015

5. Test Equipments Utilized

5.1. RF Test System

No.	Equipment	Model	SN	HW Version	SW Version	Manufacture	Cal.Due Date
1	spectrum analyzer	FSQ 26	201137/026	--	--	R&S	2022-06-11
2	DC Power Supply	N6705B	MY50000919	--	--	Agilent	2022-06-11
3	Universal Radio Communication Tester	CMW500	152395	--	--	R&S	2022-06-11

5.2. RSE Test System

No.	Equipment	Model	SN	HW Version	SW Version	Manufacture	Cal.Due Date
1	Test Receiver	ESU 26	100350	01	4.43 SP3	R&S	2022-06-11
2	Trilog Antenna	VULB9163	01392	--	--	Schwarzbeck	2023-03-04
3	Double Ridged Guide Antenna	HF907	100357	--	--	R&S	2023-02-10
5	Trilog super broadBand test antenna	VULB 9163	00995	--	--	Schwarzbeck	2023-04-02
6	Double-Ridged Horn Antenna	9120D	1103	--	--	Schwarzbeck	2022-06-11

5.3. Climate Chamber

No.	Name	Type	SN	Manufacture	Cal.Due Date
1	Climate chamber	SH-241	92010759	ESPEC	2022-06-11
2	Fully-Anechoic Chamber	FACT3-2	--	ETS	2023-06-25

5.4. Vibration table

No.	Name	Type	SN	Manufacture	Cal.Due Date
--	--	--	--	--	--

Anechoic chamber

Fully anechoic chamber by ETS-LINDGREN.

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5.5. Test software

No.	Name	version	SN	Manufacture
1	EMC32	V8.51.0	--	R&S

6. Test Results

6.1. Summary of Test Results

A brief summary of the tests carried out is shown as following.

FCC Rules	Name of Test	Result
2.1046,22.913(a),24.232(c),27.50, 90.635(b)	Conducted RF Power Output	Pass
2.1046,22.913(a),24.232 (c),27.50, 90.635(b)	ERP and EIRP	Pass
2.1049,22.917(b), 24.238(b)	Occupied Bandwidth	*Note 1
2.1051,24.238,2.1053,22.917, 27.53,90.691	Conducted spurious emissions	Pass
2.1051,24.238,2.1053,22.917, 27.53,90.691	Radiated Spurious Emission	Pass
2.1051,24.238, 2.1053, 22.917, 27.53,90.691	Band Edge	Pass
2.1055, 22.355, 24.235, 27.54,90.213	Frequency Stability over Temperature Variation	Pass
2.1055, 22.355, 24.235, 27.54,90.213	Frequency Stability over Voltage Variation	Pass
24.232, 27.50	Peak to Average Ratio	Pass
Note 1: No applicable performance criteria.		

6.2. Conducted RF Power Output

Specifications:	FCC Part 2.1046, 22.913(a), 24.232(c), 27.50,90.635(b)
DUT Serial Number:	865171050693608
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	Pass

Limit Level Construction:

According to Part 22.913(a), the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

According to Part 24.232(c), mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

According to Part 27.50(c), portable stations (hand-held devices) in the 600 MHz uplink Band and the 698-746 MHz Band, and fixed and mobile stations in the 600 MHz uplink Band are limited to 3 watts ERP.

According to Part 27.50(d), fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz Band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz Bands are limited to 1 watt EIRP.

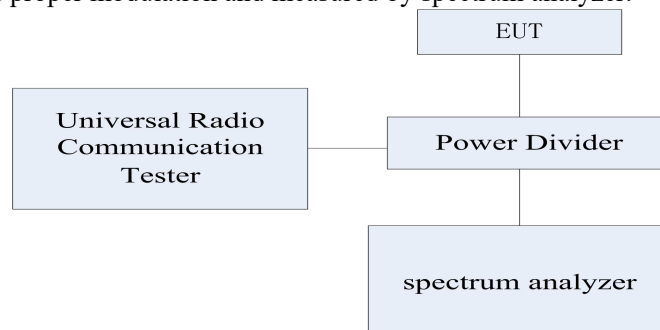
According to Part 90.635(b), The maximum output power of the transmitter for mobile stations is 100 watts (20 dBw).

Measurement Uncertainty:

Item	Uncertainty
Expanded Uncertainty	0.62 dB (k=2)

Test Setup:

During the test, the EUT was controlled via the Wireless Telecommunications Test Set to ensure max power transmission and proper modulation and measured by spectrum analyzer.



Test Method:

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- 1) The EUT was coupled to the spectrum analyzer and the Wireless Telecommunications Test Set through a power divider. The loss of the RF cables of the test system is calibrated to correct the readings.
- 2) For RMS power test, the spectrum analyzer was set to RMS Detector function and Maximum hold mode.
- 3) For Peak power test, the spectrum analyzer was set to Maxpeak Detector function and Maximum hold mode.
- 4) The resolution Bandwidth of the spectrum analyzer was comparable to the emission Bandwidth.

Note: --

6.1.1 GSM850 Conducted RF Power Output Results

GPRS Mode:

Channel No.	Maximum output power(pk) [dBm]			
	1TS	2TS	3TS	4TS
128 (824.2MHz)	33.3	33.2	33.1	33.0
190 (836.6MHz)	34.0	33.9	33.8	33.7
251 (848.8MHz)	34.0	33.9	33.8	33.7

EGPRS GMSK Mode:

Channel No.	Maximum output power(pk) [dBm]			
	1TS	2TS	3TS	4TS
128 (824.2MHz)	32.5	32.3	32.1	31.8
190 (836.6MHz)	32.8	32.5	32.4	32.1
251 (848.8MHz)	32.6	32.2	32.4	32.1

EGPRS 8PSK Mode:

Channel No.	Maximum output power(pk) [dBm]			
	1TS	2TS	3TS	4TS
128 (824.2MHz)	32.3	32.0	31.8	31.7
190 (836.6MHz)	32.6	32.5	32.4	32.2
251 (848.8MHz)	32.6	32.5	32.2	32.2

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GPRS Mode:

Channel No.	Maximum output power(avg) [dBm]			
	1TS	2TS	3TS	4TS
128 (824.2MHz)	33.1	33.0	33.0	32.8
190 (836.6MHz)	33.8	33.8	33.6	33.5
251 (848.8MHz)	33.8	33.8	33.7	33.6

EGPRS GMSK Mode:

Channel No.	Maximum output power(avg) [dBm]			
	1TS	2TS	3TS	4TS
128 (824.2MHz)	32.3	32.1	31.9	31.6
190 (836.6MHz)	32.6	32.4	32.3	32.0
251 (848.8MHz)	32.3	32.0	32.2	32.0

EGPRS 8PSK Mode:

Channel No.	Maximum output power(avg) [dBm]			
	1TS	2TS	3TS	4TS
128 (824.2MHz)	32.1	31.8	31.7	31.6
190 (836.6MHz)	32.5	32.3	32.2	32.1
251 (848.8MHz)	32.5	32.3	32.1	32.0

6.1.2 PCS1900 Conducted RF Power Output Results

GPRS Mode:

Channel No.	Maximum output power(pk) [dBm]			
	1TS	2TS	3TS	4TS
512 (1850.2MHz)	30.6	30.6	30.5	30.4
661 (1880.0MHz)	31.2	31.1	31.0	31.0
810 (1909.8MHz)	31.2	31.1	31.1	30.8

EGPRS GMSK Mode

Channel No.	Maximum output power(pk) [dBm]			
	1TS	2TS	3TS	4TS
512 (1850.2MHz)	29.1	29.0	28.9	28.7
661 (1880.0MHz)	29.6	29.6	29.4	29.4
810 (1909.8MHz)	29.4	29.4	29.2	29.1

EGPRS 8PSK Mode

Channel No.	Maximum output power(pk) [dBm]			
	1TS	2TS	3TS	4TS
512 (1850.2MHz)	29.2	28.9	28.8	28.7
661 (1880.0MHz)	29.7	29.6	29.3	29.3
810 (1909.8MHz)	29.5	29.3	29.1	29.1

GPRS Mode:

Channel No.	Maximum output power(avg) [dBm]			
	1TS	2TS	3TS	4TS
512 (1850.2MHz)	30.4	30.4	30.3	30.2
661 (1880.0MHz)	31.1	31.0	30.8	30.9
810 (1909.8MHz)	31.0	31.0	30.9	30.7

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EGPRS GMSK Mode

Channel No.	Maximum output power(avg) [dBm]			
	1TS	2TS	3TS	4TS
512 (1850.2MHz)	28.9	28.8	28.7	28.5
661 (1880.0MHz)	29.5	29.5	29.3	29.2
810 (1909.8MHz)	29.2	29.2	29.0	28.9

EGPRS 8PSK Mode

Channel No.	Maximum output power(avg) [dBm]			
	1TS	2TS	3TS	4TS
512 (1850.2MHz)	29.0	28.7	28.6	28.5
661 (1880.0MHz)	29.6	29.4	29.2	29.2
810 (1909.8MHz)	29.3	29.1	29.0	28.9

6.1.3 WCDMA Band2 Conducted RF Power Output Results

Mode	3GPP Subtest	Maximum output power(pk) [dBm]			Maximum output power(RMS) [dBm]		
		9262	9400	9538	9262	9400	9538
RMC	--	26.69	27.05	26.93	21.68	21.30	21.47
HSDPA	1	26.10	26.17	24.87	19.18	19.17	19.20
	2	25.89	26.11	25.25	18.86	18.72	18.54
	3	25.99	26.07	25.44	18.56	18.45	18.61
	4	25.90	26.34	26.44	19.26	19.15	18.59
HSUPA (QPSK)	1	27.34	27.10	27.03	19.61	19.78	19.09
	2	27.37	27.39	27.10	19.46	18.97	18.22
	3	27.06	27.61	27.46	19.44	18.51	18.54
	4	27.27	27.07	27.05	19.58	19.48	19.45
	5	27.23	27.17	27.09	19.42	19.81	19.04
HSUPA (16QAM)	1	27.33	27.08	27.13	19.61	19.84	19.06
	2	27.29	27.64	27.45	19.48	19.77	19.13
	3	27.00	27.59	27.49	19.34	19.50	18.34
	4	27.12	27.29	27.22	19.32	19.33	19.10
	5	27.21	27.51	27.03	19.44	19.51	18.75

6.1.4 WCDMA Band4 Conducted RF Power Output Results

Mode	3GPP Subtest	Maximum output power(pk) [dBm]			Maximum output power(RMS) [dBm]		
		1312	1413	1513	1312	1413	1513
RMC	--	26.90	27.08	27.09	21.95	22.09	22.04
HSDPA	1	26.19	26.13	26.19	19.26	19.61	19.51
	2	26.34	26.76	25.73	19.31	19.08	18.56
	3	26.14	26.61	25.23	18.49	18.61	18.29
	4	26.17	26.37	26.39	19.42	19.78	19.05
HSUPA (QPSK)	1	27.44	27.07	27.16	19.83	19.79	20.06
	2	27.51	27.32	27.19	19.95	19.96	19.93
	3	27.37	27.36	27.28	19.51	19.78	19.23
	4	27.55	27.69	27.21	19.97	20.03	19.60
	5	27.46	27.61	27.18	19.95	20.06	19.46
HSUPA (16QAM)	1	27.43	27.66	27.07	20.11	20.15	19.45
	2	27.51	27.69	27.54	19.82	19.93	19.74
	3	27.32	27.43	27.26	19.64	19.80	20.07
	4	27.41	27.53	27.50	19.75	19.97	19.77
	5	27.38	27.49	27.37	19.69	19.71	20.03



6.1.5 WCDMA Band5 Conducted RF Power Output Results

		Maximum output power(pk) [dBm]			Maximum output power(RMS) [dBm]		
Mode	3GPP Subtest	4132	4182	4233	4132	4182	4233
RMC	--	27.02	27.88	27.80	22.98	22.90	22.79
HSDPA	1	27.30	27.11	27.14	20.58	20.67	20.42
	2	27.13	27.28	27.69	20.54	19.94	21.01
	3	27.07	27.47	26.20	19.40	19.24	19.30
	4	27.29	27.20	26.97	20.25	20.31	19.97
HSUPA (QPSK)	1	27.71	27.97	27.79	20.93	20.31	21.05
	2	27.51	27.29	27.39	20.74	20.15	20.74
	3	27.30	27.32	27.33	20.61	20.10	20.48
	4	27.51	27.83	27.37	20.75	20.84	20.62
	5	27.50	27.77	27.37	20.81	20.66	20.75
HSUPA (16QAM)	1	27.51	27.87	27.34	20.80	20.65	20.76
	2	27.60	27.52	27.33	20.88	20.57	20.66
	3	27.24	27.38	27.12	20.56	19.69	20.42
	4	27.55	27.42	27.39	20.62	20.43	20.56
	5	27.31	27.31	27.21	20.49	19.59	20.44

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**6.1.6 LTE B2 Conducted RF Power Output Results**

Test Data (1.4MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
18607	1850.7	1	0	QPSK	21.38	25.26	3.88
		1	2		21.43	25.07	3.64
		1	5		21.45	25.37	3.92
		6	0		20.50	25.64	5.14
		16QAM	1	0	20.83	26.24	5.41
			1	2	20.86	26.08	5.22
			1	5	20.88	26.24	5.36
			6	0	19.52	26.23	6.71
18900	1880	1	0	QPSK	21.21	25.09	3.88
		1	2		21.26	24.87	3.61
		1	5		21.25	25.01	3.76
		6	0		20.24	25.70	5.46
		16QAM	1	0	20.35	26.28	5.93
			1	2	20.38	26.18	5.80
			1	5	20.36	26.27	5.91
			6	0	19.45	25.83	6.38
19193	1909.3	1	0	QPSK	21.31	25.09	3.78
		1	2		21.31	24.83	3.52
		1	5		21.15	24.85	3.70
		6	0		20.11	24.97	4.86
		16QAM	1	0	20.47	25.98	5.51
			1	2	20.45	25.78	5.33
			1	5	20.32	25.76	5.44
			6	0	19.40	25.29	5.89

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Test Data (3MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
18615	1851.5	1	0	QPSK	21.35	24.95	3.57
		1	8		21.39	24.80	3.37
		1	15		21.58	25.10	3.65
		15	0		20.53	25.27	4.77
		1	0	16QAM	20.76	26.05	5.22
		1	8		20.80	25.91	5.05
		1	15		21.01	26.18	5.30
		15	0		19.65	25.83	6.31
18900	1880	1	0	QPSK	21.38	25.17	3.96
		1	8		21.34	24.94	3.68
		1	15		21.48	25.21	3.96
		15	0		20.53	25.64	5.40
		1	0	16QAM	20.40	26.32	5.97
		1	8		20.34	26.20	5.82
		1	15		20.50	26.42	6.06
		15	0		19.68	25.64	6.19
19185	1908.5	1	0	QPSK	21.39	25.10	3.79
		1	8		21.26	24.71	3.40
		1	15		21.19	24.71	3.56
		15	0		20.17	25.16	5.05
		1	0	16QAM	20.56	26.17	5.70
		1	8		20.40	25.74	5.29
		1	15		20.34	25.68	5.36
		15	0		19.30	25.25	5.85

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Test Data (5MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
18625	1852.5	1	0	QPSK	21.40	24.99	3.59
		1	13		21.41	24.85	3.44
		1	24		21.67	25.14	3.47
		25	0		20.60	26.02	5.42
		1	0	16QAM	20.98	26.05	5.07
		1	13		21.01	25.90	4.89
		1	24		21.25	26.11	4.86
		25	0		19.72	26.39	6.67
18900	1880	1	0	QPSK	21.40	25.25	3.85
		1	13		21.35	25.02	3.67
		1	24		21.56	25.37	3.81
		25	0		20.55	26.10	5.55
		1	0	16QAM	20.73	26.54	5.81
		1	13		20.69	26.29	5.60
		1	24		20.88	26.50	5.62
		25	0		19.68	26.43	6.75
19175	1907.5	1	0	QPSK	21.32	25.10	3.78
		1	13		21.41	24.86	3.45
		1	24		21.44	24.83	3.39
		25	0		20.14	25.02	4.88
		1	0	16QAM	20.49	26.31	5.82
		1	13		20.56	25.96	5.40
		1	24		20.62	25.82	5.20
		25	0		19.42	25.92	6.50

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Test Data (10MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
18650	1855	1	0	QPSK	21.32	24.88	3.56
		1	25		21.53	24.94	3.41
		1	49		21.23	24.79	3.56
		50	0		20.60	25.25	4.65
		1	0	16QAM	20.71	25.97	5.26
		1	25		20.93	25.97	5.04
		1	49		20.64	25.79	5.15
		50	0		19.69	25.90	6.21
18900	1880	1	0	QPSK	21.33	25.10	3.77
		1	25		21.70	25.34	3.64
		1	49		21.76	25.29	3.53
		50	0		20.51	25.82	5.31
		1	0	16QAM	20.40	26.39	5.99
		1	25		20.76	26.63	5.87
		1	49		20.80	26.49	5.69
		50	0		19.59	26.90	7.31
19150	1905	1	0	QPSK	20.66	24.47	3.81
		1	25		21.16	24.95	3.79
		1	49		21.33	24.83	3.50
		50	0		20.19	25.64	5.45
		1	0	16QAM	19.85	25.77	5.92
		1	25		20.35	26.15	5.80
		1	49		20.49	25.77	5.28
		50	0		19.35	25.93	6.58

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Test Data (15MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
18675	1857.5	1	0	QPSK	21.68	25.13	3.45
		1	38		21.75	25.21	3.46
		1	74		21.15	24.69	3.54
		75	0		20.63	25.97	5.34
		16QAM	1	0	21.09	26.28	5.19
			1	38	21.18	26.23	5.05
			1	74	20.65	25.95	5.30
			75	0	19.70	26.51	6.81
18900	1880	1	0	QPSK	21.10	24.79	3.69
		1	38		21.81	25.47	3.66
		1	74		21.54	25.08	3.54
		75	0		20.48	26.27	5.79
		16QAM	1	0	20.10	26.15	6.05
			1	38	20.84	26.72	5.88
			1	74	20.64	26.27	5.63
			75	0	19.53	26.76	7.23
19125	1902.5	1	0	QPSK	21.11	24.71	3.60
		1	38		21.09	24.81	3.72
		1	74		21.22	24.70	3.48
		75	0		20.13	25.80	5.67
		16QAM	1	0	20.53	25.95	5.42
			1	38	20.53	26.14	5.61
			1	74	20.75	25.65	4.90
			75	0	19.53	26.38	6.85

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Test Data (20MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
18700	1860	1	0	QPSK	21.70	25.20	3.50
		1	50		21.90	25.43	3.53
		1	99		20.98	24.67	3.69
		100	0		20.78	26.00	5.22
		1	0	16QAM	21.24	26.38	5.14
		1	50		21.49	26.63	5.14
		1	99		20.50	25.95	5.45
		100	0		19.85	26.53	6.68
18900	1880	1	0	QPSK	21.01	24.69	3.68
		1	50		21.84	25.60	3.76
		1	99		21.36	24.94	3.58
		100	0		20.55	25.80	5.25
		1	0	16QAM	20.61	25.92	5.31
		1	50		21.54	26.75	5.21
		1	99		21.03	25.92	4.89
		100	0		19.65	26.47	6.82
19100	1900	1	0	QPSK	21.73	25.19	3.46
		1	50		20.67	24.45	3.78
		1	99		20.98	24.47	3.49
		100	0		20.14	25.45	5.31
		1	0	16QAM	20.95	25.99	5.04
		1	50		20.25	25.73	5.48
		1	99		20.55	25.47	4.92
		100	0		19.57	26.00	6.43

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**6.1.7 LTE B4 Conducted RF Power Output Results****Test Data (1.4MHz bandwidth Mode)**

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
19957	1710.7	1	0	QPSK	22.36	26.05	3.69
		1	2		22.40	25.95	3.55
		1	5		22.41	26.21	3.80
		6	0		21.44	26.22	4.78
		1	0	16QAM	21.76	26.74	4.98
		1	2		21.83	26.77	4.94
		1	5		21.80	26.94	5.14
		6	0		20.45	26.81	6.36
20175	1732.5	1	0	QPSK	22.65	26.50	3.85
		1	2		22.71	26.32	3.61
		1	5		22.68	26.47	3.79
		6	0		21.49	26.38	4.89
		1	0	16QAM	21.78	27.42	5.64
		1	2		21.85	27.29	5.44
		1	5		21.81	27.40	5.59
		6	0		20.75	26.84	6.09
20393	1754.3	1	0	QPSK	22.41	26.18	3.77
		1	2		22.34	25.91	3.57
		1	5		22.38	26.20	3.82
		6	0		21.35	26.93	5.58
		1	0	16QAM	21.58	27.32	5.74
		1	2		21.60	27.54	5.94
		1	5		21.56	27.31	5.75
		6	0		20.58	26.85	6.27

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Test Data (3MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
19965	1711.5	1	0	QPSK	22.36	25.97	3.61
		1	8		22.26	25.88	3.62
		1	15		22.40	26.20	3.80
		15	0		21.50	26.42	4.92
		1	0	16QAM	21.58	26.77	5.19
		1	8		21.47	26.88	5.41
		1	15		21.60	27.18	5.58
		15	0		20.56	26.71	6.15
20175	1732.5	1	0	QPSK	22.79	26.46	3.67
		1	8		22.72	26.17	3.45
		1	15		22.84	26.40	3.56
		15	0		21.60	26.46	4.86
		1	0	16QAM	21.78	27.50	5.72
		1	8		21.70	27.57	5.87
		1	15		21.83	27.41	5.58
		15	0		20.72	27.06	6.34
20385	1753.5	1	0	QPSK	22.80	26.44	3.64
		1	8		22.60	26.12	3.52
		1	15		22.67	26.33	3.66
		15	0		21.45	26.32	4.87
		1	0	16QAM	22.22	27.48	5.26
		1	8		22.02	27.22	5.20
		1	15		22.09	27.40	5.31
		15	0		20.58	26.62	6.04

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Test Data (5MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
19975	1712.5	1	0	QPSK	22.62	26.08	3.46
		1	13		22.45	26.04	3.59
		1	24		22.72	26.55	3.83
		25	0		21.46	26.93	5.47
		1	0	16QAM	22.16	26.79	4.63
		1	13		22.02	27.03	5.01
		1	24		22.28	27.51	5.23
		25	0		20.60	27.17	6.57
20175	1732.5	1	0	QPSK	22.95	26.52	3.57
		1	13		22.84	26.25	3.41
		1	24		23.03	26.52	3.49
		25	0		21.65	26.78	5.13
		1	0	16QAM	22.10	27.65	5.55
		1	13		21.98	27.32	5.34
		1	24		22.18	27.52	5.34
		25	0		20.67	27.62	6.95
20375	1752.5	1	0	QPSK	23.05	26.53	3.48
		1	13		22.71	26.15	3.44
		1	24		22.80	26.39	3.59
		25	0		21.49	26.91	5.42
		1	0	16QAM	22.19	27.56	5.37
		1	13		21.82	27.25	5.43
		1	24		21.96	27.49	5.53
		25	0		20.61	27.23	6.62

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Test Data (10MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
20000	1715	1	0	QPSK	22.39	25.87	3.48
		1	25		22.48	26.22	3.74
		1	49		22.54	26.33	3.79
		50	0		21.50	26.41	4.91
		1	0	16QAM	21.47	26.72	5.25
		1	25		21.54	27.39	5.85
		1	49		21.58	27.61	6.03
		50	0		20.69	26.87	6.18
20175	1732.5	1	0	QPSK	22.55	26.23	3.68
		1	25		22.75	26.29	3.54
		1	49		22.71	26.20	3.49
		50	0		21.59	26.67	5.08
		1	0	16QAM	21.62	27.43	5.81
		1	25		21.77	27.37	5.60
		1	49		21.72	27.20	5.48
		50	0		20.68	27.77	7.09
20350	1750	1	0	QPSK	22.82	26.31	3.49
		1	25		22.59	26.14	3.55
		1	49		22.08	25.65	3.57
		50	0		21.43	26.63	5.20
		1	0	16QAM	22.09	27.13	5.04
		1	25		21.81	27.00	5.19
		1	49		21.50	26.80	5.30
		50	0		20.58	27.28	6.70

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Test Data (15MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
20025	1717.5	1	0	QPSK	22.10	25.58	3.48
		1	38		22.45	26.25	3.80
		1	74		22.46	26.22	3.76
		75	0		21.50	27.16	5.66
		1	0	16QAM	21.44	26.51	5.07
		1	38		21.82	27.47	5.65
		1	74		21.84	27.45	5.61
		75	0		20.62	27.55	6.93
20175	1732.5	1	0	QPSK	22.16	25.75	3.59
		1	38		22.72	26.22	3.50
		1	74		22.28	25.70	3.42
		75	0		21.57	26.95	5.38
		1	0	16QAM	21.59	27.02	5.43
		1	38		22.18	27.29	5.11
		1	74		21.75	26.75	5.00
		75	0		20.63	27.48	6.85
20325	1747.5	1	0	QPSK	22.79	26.20	3.41
		1	38		22.57	26.05	3.48
		1	74		21.80	25.43	3.63
		75	0		21.51	27.12	5.61
		1	0	16QAM	21.78	27.17	5.39
		1	38		21.55	27.12	5.57
		1	74		20.82	26.57	5.75
		75	0		20.70	27.54	6.84

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Test Data (20MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
20050	1720	1	0	QPSK	21.71	25.36	3.65
		1	50		22.36	26.35	3.99
		1	99		22.43	26.20	3.77
		100	0		21.51	26.68	5.17
		16QAM	1	0	21.35	26.42	5.07
			1	50	21.99	27.61	5.62
			1	99	22.00	27.37	5.37
			100	0	20.66	27.38	6.72
20175	1732.5	1	0	QPSK	21.72	25.37	3.65
		1	50		22.64	26.18	3.54
		1	99		22.03	25.44	3.41
		100	0		21.62	26.34	4.72
		16QAM	1	0	21.18	26.62	5.44
			1	50	22.09	27.25	5.16
			1	99	21.52	26.50	4.98
			100	0	20.62	27.25	6.63
20300	1745	1	0	QPSK	22.52	25.98	3.46
		1	50		22.53	26.00	3.47
		1	99		21.57	25.14	3.57
		100	0		21.53	26.46	4.93
		16QAM	1	0	22.13	26.96	4.83
			1	50	22.05	26.90	4.85
			1	99	21.15	26.21	5.06
			100	0	20.67	27.00	6.33

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**6.1.8 LTE B5 Conducted RF Power Output Results****Test Data (1.4MHz bandwidth Mode)**

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
20407	824.7	1	0	QPSK	22.76	26.27	3.51
		1	2		22.67	26.08	3.41
		1	5		22.51	26.12	3.61
		6	0		21.62	26.82	5.20
		1	0	16QAM	21.89	27.35	5.46
		1	2		21.81	27.16	5.35
		1	5		21.62	27.12	5.50
		6	0		20.84	26.94	6.10
20525	836.5	1	0	QPSK	22.35	26.21	3.86
		1	2		22.48	26.08	3.60
		1	5		22.55	26.39	3.84
		6	0		21.53	26.52	4.99
		1	0	16QAM	21.78	27.11	5.33
		1	2		21.91	27.08	5.17
		1	5		21.95	27.24	5.29
		6	0		20.48	27.25	6.77
20643	848.3	1	0	QPSK	22.62	26.25	3.63
		1	2		22.54	25.94	3.40
		1	5		22.21	25.80	3.59
		6	0		21.54	26.34	4.80
		1	0	16QAM	21.73	27.04	5.31
		1	2		21.64	26.78	5.14
		1	5		21.33	26.63	5.30
		6	0		20.75	26.58	5.83

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Test Data (3MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
20415	825.5	1	0	QPSK	22.98	26.36	3.38
		1	8		22.55	25.89	3.34
		1	15		22.41	25.90	3.49
		15	0		21.71	26.68	4.97
		1	0	16QAM	22.47	27.47	5.00
		1	8		21.95	26.91	4.96
		1	15		21.82	27.00	5.18
		15	0		20.80	26.96	6.16
20525	836.5	1	0	QPSK	22.33	25.98	3.65
		1	8		22.52	26.03	3.51
		1	15		22.73	26.30	3.57
		15	0		21.66	26.54	4.88
		1	0	16QAM	21.48	27.03	5.55
		1	8		21.64	27.08	5.44
		1	15		21.84	27.30	5.46
		15	0		20.68	26.98	6.30
20635	847.5	1	0	QPSK	22.63	26.17	3.54
		1	8		22.53	25.88	3.35
		1	15		22.15	25.54	3.39
		15	0		21.62	26.31	4.69
		1	0	16QAM	21.63	27.19	5.56
		1	8		21.51	26.80	5.29
		1	15		21.14	26.48	5.34
		15	0		20.70	27.05	6.35

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Test Data (5MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
20425	826.5	1	0	QPSK	23.15	26.56	3.41
		1	13		22.33	26.01	3.68
		1	24		22.52	26.10	3.58
		25	0		21.73	26.85	5.12
		1	0	16QAM	22.76	27.60	4.84
		1	13		22.25	27.10	4.85
		1	24		22.16	27.13	4.97
		25	0		20.84	27.09	6.25
20525	836.5	1	0	QPSK	22.32	25.82	3.50
		1	13		22.71	26.09	3.38
		1	24		22.85	26.29	3.44
		25	0		21.71	26.39	4.68
		1	0	16QAM	21.42	26.91	5.49
		1	13		21.83	27.13	5.30
		1	24		22.01	27.26	5.25
		25	0		20.73	27.17	6.44
20625	846.5	1	0	QPSK	22.57	26.08	3.51
		1	13		22.75	26.09	3.34
		1	24		22.43	25.79	3.36
		25	0		21.66	26.80	5.14
		1	0	16QAM	21.71	27.13	5.42
		1	13		21.86	27.03	5.17
		1	24		21.60	26.70	5.10
		25	0		20.66	27.59	6.93

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Test Data (10MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
20450	829	1	0	QPSK	23.20	26.62	3.42
		1	25		22.63	26.08	3.45
		1	49		23.40	26.84	3.44
		50	0		21.80	27.32	5.52
		1	0	16QAM	22.62	27.63	5.01
		1	25		22.02	27.18	5.16
		1	49		22.80	27.96	5.16
		50	0		20.86	27.66	6.80
20525	836.5	1	0	QPSK	21.45	25.06	3.61
		1	25		23.02	26.52	3.50
		1	49		22.15	25.65	3.50
		50	0		21.68	27.00	5.32
		1	0	16QAM	20.46	26.18	5.72
		1	25		21.99	27.58	5.59
		1	49		21.13	26.63	5.50
		50	0		20.75	27.76	7.01
20600	844	1	0	QPSK	23.08	26.53	3.45
		1	25		22.24	25.78	3.54
		1	49		22.15	25.61	3.46
		50	0		21.69	27.12	5.43
		1	0	16QAM	22.25	27.49	5.24
		1	25		21.38	26.83	5.45
		1	49		21.25	26.51	5.26
		50	0		20.77	27.18	6.41

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**6.1.9 LTE B7 Conducted RF Power Output Results****Test Data (5MHz bandwidth Mode)**

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
20775	2502.5	1	0	QPSK	22.88	25.75	2.87
		1	13		22.47	25.38	2.91
		1	24		22.41	25.50	3.09
		25	0		21.63	26.20	4.57
		1	0	16QAM	22.48	26.41	3.93
		1	13		22.06	26.13	4.07
		1	24		22.00	26.21	4.21
		25	0		20.77	26.70	5.93
21100	2535	1	0	QPSK	22.90	26.16	3.26
		1	13		22.54	25.71	3.17
		1	24		22.64	25.90	3.26
		25	0		21.63	26.00	4.37
		1	0	16QAM	22.03	27.08	5.05
		1	13		21.70	26.61	4.91
		1	24		21.79	26.79	5.00
		25	0		20.68	26.80	6.12
21425	2567.5	1	0	QPSK	22.57	25.83	3.26
		1	13		22.25	25.28	3.03
		1	24		21.98	25.02	3.04
		25	0		21.33	26.25	4.92
		1	0	16QAM	21.72	26.76	5.04
		1	13		21.44	26.12	4.68
		1	24		21.17	25.78	4.61
		25	0		20.39	26.53	6.14

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Test Data (10MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
20800	2505	1	0	QPSK	22.79	25.64	2.85
		1	25		22.40	25.47	3.07
		1	49		22.01	25.26	3.25
		50	0		21.59	26.01	4.42
		1	0	16QAM	22.25	26.39	4.14
		1	25		21.88	26.29	4.41
		1	49		21.42	26.16	4.74
		50	0		20.65	26.56	5.91
21100	2535	1	0	QPSK	22.52	25.86	3.34
		1	25		22.46	25.75	3.29
		1	49		22.05	25.38	3.33
		50	0		21.56	26.92	5.36
		1	0	16QAM	21.54	26.85	5.31
		1	25		21.44	26.65	5.21
		1	49		21.04	26.27	5.23
		50	0		20.65	26.64	5.99
21400	2565	1	0	QPSK	21.77	25.24	3.47
		1	25		22.27	25.58	3.31
		1	49		21.70	24.81	3.11
		50	0		21.35	26.53	5.18
		1	0	16QAM	20.92	26.30	5.38
		1	25		21.40	26.49	5.09
		1	49		20.83	25.58	4.75
		50	0		20.46	26.83	6.37

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Test Data (15MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
20825	2507.5	1	0	QPSK	22.76	25.69	2.93
		1	38		22.70	25.87	3.17
		1	74		22.57	25.85	3.28
		75	0		21.50	26.61	5.11
		1	0	16QAM	22.10	26.27	4.17
		1	38		22.13	26.68	4.55
		1	74		22.03	26.77	4.74
		75	0		20.77	26.97	6.20
21100	2535	1	0	QPSK	22.30	25.65	3.35
		1	38		22.54	25.83	3.29
		1	74		21.67	25.08	3.41
		75	0		21.52	26.84	5.32
		1	0	16QAM	21.24	26.63	5.39
		1	38		21.55	26.76	5.21
		1	74		20.73	25.98	5.25
		75	0		20.63	27.28	6.65
21375	2562.5	1	0	QPSK	21.59	24.95	3.36
		1	38		22.56	25.84	3.28
		1	74		22.01	24.97	2.96
		75	0		21.33	26.31	4.98
		1	0	16QAM	21.06	26.18	5.12
		1	38		21.98	26.91	4.93
		1	74		21.43	25.80	4.37
		75	0		20.43	27.00	6.57

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Test Data (20MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
20850	2510	1	0	QPSK	23.08	25.85	2.77
		1	50		23.05	26.20	3.15
		1	99		22.95	26.23	3.28
		100	0		21.70	26.45	4.75
		1	0	16QAM	22.57	26.63	4.06
		1	50		22.48	27.17	4.69
		1	99		22.44	27.27	4.83
		100	0		20.85	26.77	5.92
21100	2535	1	0	QPSK	22.08	25.46	3.38
		1	50		22.67	25.95	3.28
		1	99		21.33	24.71	3.38
		100	0		21.64	25.95	4.31
		1	0	16QAM	21.65	26.38	4.73
		1	50		22.27	26.77	4.50
		1	99		20.95	25.59	4.64
		100	0		20.70	27.18	6.48
21350	2560	1	0	QPSK	21.61	24.95	3.34
		1	50		22.28	25.68	3.40
		1	99		21.94	24.97	3.03
		100	0		21.36	26.16	4.80
		1	0	16QAM	21.09	26.00	4.91
		1	50		21.76	26.81	5.05
		1	99		21.39	25.75	4.36
		100	0		20.43	26.73	6.30

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**6.1.10 LTE B12 Conducted RF Power Output Results****Test Data (1.4MHz bandwidth Mode)**

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
23017	699.7	1	0	QPSK	22.26	26.00	3.74
		1	2		22.72	26.20	3.48
		1	5		23.10	26.83	3.73
		6	0		21.49	26.98	5.49
		1	0	16QAM	21.43	26.85	5.42
		1	2		21.43	27.25	5.82
		1	5		21.83	27.49	5.66
		6	0		20.66	27.02	6.36
23095	707.5	1	0	QPSK	23.06	26.56	3.50
		1	2		22.98	26.36	3.38
		1	5		22.80	26.48	3.68
		6	0		21.64	26.63	4.99
		1	0	16QAM	22.46	27.29	4.83
		1	2		22.39	27.16	4.77
		1	5		22.21	27.22	5.01
		6	0		20.63	27.05	6.42
23173	715.3	1	0	QPSK	22.62	26.29	3.67
		1	2		22.54	26.02	3.48
		1	5		22.38	26.02	3.64
		6	0		21.63	26.52	4.89
		1	0	16QAM	21.71	27.01	5.30
		1	2		21.65	26.87	5.22
		1	5		21.50	26.88	5.38
		6	0		20.85	26.78	5.93

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Test Data (3MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
23025	700.5	1	0	QPSK	21.79	25.44	3.65
		1	8		22.63	26.09	3.46
		1	15		23.35	27.00	3.65
		15	0		21.53	26.40	4.87
		1	0	16QAM	21.19	26.39	5.20
		1	8		22.39	27.44	5.05
		1	15		22.75	27.95	5.20
		15	0		20.61	26.76	6.15
23095	707.5	1	0	QPSK	23.29	26.54	3.25
		1	8		22.66	25.98	3.32
		1	15		22.58	26.07	3.49
		15	0		21.70	26.58	4.88
		1	0	16QAM	22.27	27.33	5.06
		1	8		21.64	26.94	5.30
		1	15		21.54	27.09	5.55
		15	0		20.80	27.19	6.39
23165	714.5	1	0	QPSK	23.01	26.65	3.64
		1	8		22.51	25.94	3.43
		1	15		22.22	25.76	3.54
		15	0		21.70	26.90	5.20
		1	0	16QAM	22.22	27.64	5.42
		1	8		21.62	26.81	5.19
		1	15		21.33	26.67	5.34
		15	0		20.70	27.00	6.30

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Test Data (5MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
23035	701.5	1	0	QPSK	21.49	25.10	3.61
		1	13		23.07	26.59	3.52
		1	24		23.68	26.94	3.26
		25	0		21.67	26.92	5.25
		1	0	16QAM	21.03	26.10	5.07
		1	13		22.65	27.56	4.91
		1	24		23.23	27.70	4.47
		25	0		20.80	27.41	6.61
23095	707.5	1	0	QPSK	23.73	26.78	3.05
		1	13		22.70	25.90	3.20
		1	24		22.72	26.71	3.99
		25	0		21.70	26.40	4.70
		1	0	16QAM	22.88	27.48	4.60
		1	13		21.81	26.87	5.06
		1	24		21.89	27.20	5.31
		25	0		20.77	27.15	6.38
23155	713.5	1	0	QPSK	22.29	25.90	3.61
		1	13		22.93	26.36	3.43
		1	24		22.38	25.84	3.46
		25	0		21.67	26.92	5.25
		1	0	16QAM	21.41	26.93	5.52
		1	13		22.03	27.31	5.28
		1	24		21.51	26.77	5.26
		25	0		20.72	27.69	6.97

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Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
23060	704	1	0	QPSK	21.18	24.81	3.63
		1	25		23.51	26.73	3.22
		1	49		21.57	25.07	3.50
		50	0		21.74	26.30	4.56
		1	0	16QAM	20.55	25.83	5.28
		1	25		22.93	27.51	4.58
		1	49		20.95	26.05	5.10
		50	0		20.79	27.35	6.56
23095	707.5	1	0	QPSK	23.67	27.04	3.37
		1	25		22.32	25.74	3.42
		1	49		23.01	26.59	3.58
		50	0		21.72	26.86	5.14
		1	0	16QAM	22.67	27.86	5.19
		1	25		21.32	26.72	5.40
		1	49		21.97	27.67	5.70
		50	0		20.78	27.16	6.38
23130	711	1	0	QPSK	22.62	25.95	3.33
		1	25		22.73	26.34	3.61
		1	49		22.96	26.37	3.41
		50	0		21.75	26.95	5.20
		1	0	16QAM	21.69	26.81	5.12
		1	25		21.83	27.38	5.55
		1	49		22.02	27.19	5.17
		50	0		20.81	27.28	6.47

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**6.1.11 LTE B13 Conducted RF Power Output Results****Test Data (5MHz bandwidth Mode)**

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
23205	779.5	1	0	QPSK	23.12	26.78	3.66
		1	13		22.30	26.00	3.70
		1	24		21.98	25.87	3.89
		25	0		21.06	26.78	5.72
		1	0	16QAM	22.26	27.71	5.45
		1	13		21.26	27.12	5.86
		1	24		21.15	27.43	6.28
		25	0		20.15	26.98	6.83
23230	782	1	0	QPSK	23.01	26.97	3.96
		1	13		22.40	26.33	3.93
		1	24		23.15	27.23	4.08
		25	0		21.00	26.73	5.73
		1	0	16QAM	22.13	28.05	5.92
		1	13		21.60	27.76	6.16
		1	24		22.27	28.56	6.29
		25	0		20.03	27.48	7.45
23255	784.5	1	0	QPSK	22.26	26.39	4.13
		1	13		22.54	26.46	3.92
		1	24		23.15	27.02	3.87
		25	0		20.97	26.70	5.73
		1	0	16QAM	21.24	27.03	5.79
		1	13		21.47	27.16	5.69
		1	24		22.68	27.83	5.15
		25	0		20.08	27.00	6.92

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Test Data (10MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
23230	782	1	0	QPSK	23.03	26.80	3.77
		1	25		22.05	26.15	4.10
		1	49		22.80	26.75	3.95
		50	0		21.06	26.72	5.66
		1	0	16QAM	21.99	27.71	5.72
		1	25		21.08	27.53	6.45
		1	49		21.75	27.77	6.02
		50	0		20.06	26.97	6.91
23230	782	1	0	QPSK	23.03	26.80	3.77
		1	25		22.05	26.15	4.10
		1	49		22.80	26.75	3.95
		50	0		21.06	26.72	5.66
		1	0	16QAM	21.99	27.71	5.72
		1	25		21.08	27.53	6.45
		1	49		21.75	27.77	6.02
		50	0		20.06	26.97	6.91
23230	782	1	0	QPSK	23.03	26.80	3.77
		1	25		22.05	26.15	4.10
		1	49		22.80	26.75	3.95
		50	0		21.06	26.72	5.66
		1	0	16QAM	21.99	27.71	5.72
		1	25		21.08	27.53	6.45
		1	49		21.75	27.77	6.02
		50	0		20.06	26.97	6.91

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6.1.12 LTE B17 Conducted RF Power Output Results

Test Data (5MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
23755	706.5	1	0	QPSK	22.86	26.13	3.27
		1	13		21.86	25.12	3.26
		1	24		21.45	24.98	3.53
		25	0		20.96	26.47	5.51
		1	0	16QAM	22.40	26.79	4.39
		1	13		21.40	25.94	4.54
		1	24		20.95	25.86	4.91
		25	0		20.13	26.28	6.15
23790	710	1	0	QPSK	22.30	25.66	3.36
		1	13		22.04	25.43	3.39
		1	24		23.18	26.72	3.54
		25	0		21.08	26.13	5.05
		1	0	16QAM	21.46	26.61	5.15
		1	13		21.17	26.49	5.32
		1	24		22.29	27.69	5.40
		25	0		20.06	27.10	7.04
23825	713.5	1	0	QPSK	21.66	25.16	3.50
		1	13		22.32	25.89	3.57
		1	24		21.88	25.26	3.38
		25	0		21.08	26.19	5.11
		1	0	16QAM	20.80	26.28	5.48
		1	13		21.49	26.66	5.17
		1	24		21.00	26.14	5.14
		25	0		20.16	26.37	6.21

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Test Data (10MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
23780	709	1	0	QPSK	22.97	26.12	3.15
		1	25		21.59	25.04	3.45
		1	49		22.97	26.44	3.47
		50	0		21.11	26.62	5.51
		1	0	16QAM	22.35	26.86	4.51
		1	25		20.98	26.04	5.06
		1	49		22.37	27.27	4.90
		50	0		20.19	26.97	6.78
23790	710	1	0	QPSK	22.58	25.70	3.12
		1	25		21.75	25.19	3.44
		1	49		22.85	26.10	3.25
		50	0		21.05	26.26	5.21
		1	0	16QAM	21.50	26.52	5.02
		1	25		20.64	26.25	5.61
		1	49		21.73	26.90	5.17
		50	0		20.23	26.77	6.54
23800	711	1	0	QPSK	22.04	25.37	3.33
		1	25		21.98	25.56	3.58
		1	49		22.31	25.71	3.40
		50	0		21.07	26.70	5.63
		1	0	16QAM	21.17	26.23	5.06
		1	25		21.11	26.65	5.54
		1	49		21.43	26.55	5.12
		50	0		20.16	26.76	6.60

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**6.1.13 LTE B25 Conducted RF Power Output Results**

Test Data (1.4MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
26047	1850.7	1	0	QPSK	21.02	24.89	3.87
		1	2		21.09	24.73	3.64
		1	5		21.12	25.04	3.92
		6	0		20.18	25.23	5.05
		1	0	16QAM	20.46	25.87	5.41
		1	2		20.52	25.75	5.23
		1	5		20.55	25.90	5.35
		6	0		19.20	25.94	6.74
26365	1882.5	1	0	QPSK	21.08	24.88	3.80
		1	2		21.13	24.73	3.60
		1	5		21.13	24.98	3.85
		6	0		20.18	25.65	5.47
		1	0	16QAM	20.25	26.11	5.86
		1	2		20.31	26.03	5.72
		1	5		20.29	26.13	5.84
		6	0		19.40	25.75	6.35
26683	1914.3	1	0	QPSK	21.07	25.20	4.13
		1	2		21.06	24.98	3.92
		1	5		20.96	25.18	4.22
		6	0		19.98	25.11	5.13
		1	0	16QAM	20.24	26.17	5.93
		1	2		20.22	26.07	5.85
		1	5		20.13	26.22	6.09
		6	0		19.28	25.49	6.21

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Test Data (3MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
26055	1851.5	1	0	QPSK	21.09	24.71	3.62
		1	8		21.14	24.56	3.42
		1	15		21.33	24.86	3.53
		15	0		20.29	25.18	4.89
		1	0	16QAM	20.52	25.80	5.28
		1	8		20.56	25.65	5.09
		1	15		20.77	25.90	5.13
		15	0		19.39	25.46	6.07
26365	1882.5	1	0	QPSK	21.18	24.92	3.74
		1	8		21.09	24.64	3.55
		1	15		21.25	24.91	3.66
		15	0		20.30	25.44	5.14
		1	0	16QAM	20.20	26.11	5.91
		1	8		20.10	25.86	5.76
		1	15		20.25	26.07	5.82
		15	0		19.40	26.08	6.68
26675	1913.5	1	0	QPSK	21.59	25.31	3.72
		1	8		21.17	24.94	3.77
		1	15		21.15	25.16	4.01
		15	0		20.10	25.26	5.16
		1	0	16QAM	20.77	26.21	5.44
		1	8		20.32	26.01	5.69
		1	15		20.31	26.24	5.93
		15	0		19.23	25.70	6.47

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Test Data (5MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
26065	1852.5	1	0	QPSK	21.08	24.71	3.63
		1	13		21.12	24.54	3.42
		1	24		21.35	24.88	3.53
		25	0		20.30	25.21	4.91
		1	0	16QAM	20.33	25.73	5.40
		1	13		20.70	25.59	4.89
		1	24		20.95	25.82	4.87
		25	0		19.41	26.05	6.64
26365	1882.5	1	0	QPSK	21.40	25.03	3.63
		1	13		21.26	24.71	3.45
		1	24		21.42	24.98	3.56
		25	0		20.31	24.99	4.68
		1	0	16QAM	20.53	26.19	5.66
		1	13		20.35	25.84	5.49
		1	24		20.62	26.11	5.49
		25	0		19.46	25.93	6.47
26665	1912.5	1	0	QPSK	21.97	25.42	3.45
		1	13		21.26	24.80	3.54
		1	24		21.14	25.00	3.86
		25	0		20.09	25.30	5.21
		1	0	16QAM	21.17	26.30	5.13
		1	13		20.35	25.90	5.55
		1	24		20.31	26.18	5.87
		25	0		19.23	25.49	6.26

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Test Data (10MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
26090	1855	1	0	QPSK	21.05	24.58	3.53
		1	25		21.25	24.68	3.43
		1	49		20.98	24.46	3.48
		50	0		20.32	25.67	5.35
		1	0	16QAM	20.45	25.68	5.23
		1	25		20.65	25.69	5.04
		1	49		20.39	25.53	5.14
		50	0		19.48	26.16	6.68
26365	1882.5	1	0	QPSK	21.09	24.85	3.76
		1	25		21.23	24.87	3.64
		1	49		21.28	24.80	3.52
		50	0		20.33	26.14	5.81
		1	0	16QAM	20.16	26.10	5.94
		1	25		20.31	26.13	5.82
		1	49		20.30	25.95	5.65
		50	0		19.40	25.96	6.56
26640	1910	1	0	QPSK	21.37	25.12	3.75
		1	25		21.34	24.77	3.43
		1	49		20.08	23.80	3.72
		50	0		20.08	25.03	4.95
		1	0	16QAM	20.35	26.10	5.75
		1	25		20.28	25.55	5.27
		1	49		19.23	25.01	5.78
		50	0		19.24	25.65	6.41

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Test Data (15MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
26115	1857.5	1	0	QPSK	21.38	24.87	3.49
		1	38		21.38	24.84	3.46
		1	74		20.92	24.54	3.62
		75	0		20.43	25.74	5.31
		16QAM	1	0	20.62	25.82	5.20
			1	38	20.75	25.87	5.12
			1	74	20.38	25.69	5.31
			75	0	19.53	26.26	6.73
26365	1882.5	1	0	QPSK	20.93	24.64	3.71
		1	38		21.45	25.10	3.65
		1	74		21.17	24.66	3.49
		75	0		20.20	26.03	5.83
		16QAM	1	0	20.03	25.98	5.95
			1	38	20.53	26.34	5.81
			1	74	20.18	25.70	5.52
			75	0	19.38	26.47	7.09
26615	1907.5	1	0	QPSK	20.46	24.22	3.76
		1	38		21.42	24.97	3.55
		1	74		19.95	23.58	3.63
		75	0		19.93	25.33	5.40
		16QAM	1	0	20.10	25.58	5.48
			1	38	20.55	26.05	5.50
			1	74	19.48	24.76	5.28
			75	0	19.23	25.88	6.65

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Test Data (20MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
26140	1860	1	0	QPSK	21.43	24.93	3.50
		1	50		21.65	25.19	3.54
		1	99		20.70	24.35	3.65
		100	0		20.46	25.37	4.91
		16QAM	1	0	20.94	26.06	5.12
			1	50	21.19	26.30	5.11
			1	99	20.23	25.61	5.38
			100	0	19.56	26.27	6.71
26365	1882.5	1	0	QPSK	20.95	24.63	3.68
		1	50		21.65	25.20	3.55
		1	99		21.12	24.64	3.52
		100	0		20.28	25.67	5.39
		16QAM	1	0	19.94	25.94	6.00
			1	50	20.72	26.35	5.63
			1	99	20.18	25.73	5.55
			100	0	19.35	26.47	7.12
26590	1905	1	0	QPSK	20.94	24.66	3.72
		1	50		21.48	25.30	3.82
		1	99		20.22	23.97	3.75
		100	0		19.95	25.54	5.59
		16QAM	1	0	20.26	25.63	5.37
			1	50	20.77	26.29	5.52
			1	99	19.54	24.93	5.39
			100	0	19.28	25.90	6.62

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**6.1.14 LTE B26 Conducted RF Power Output Results**

(824MHz-849MHz)

Test Data (1.4MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
26797	824.7	1	0	QPSK	22.76	26.27	3.51
		1	2		22.67	26.08	3.41
		1	5		22.51	26.12	3.61
		6	0		21.62	26.82	5.20
		1	0	16QAM	21.89	27.35	5.46
		1	2		21.81	27.16	5.35
		1	5		21.62	27.12	5.50
		6	0		20.84	26.94	6.10
26915	836.5	1	0	QPSK	22.35	26.21	3.86
		1	2		22.48	26.08	3.60
		1	5		22.55	26.39	3.84
		6	0		21.53	26.52	4.99
		1	0	16QAM	21.78	27.11	5.33
		1	2		21.91	27.08	5.17
		1	5		21.95	27.24	5.29
		6	0		20.48	27.25	6.77
27033	848.3	1	0	QPSK	22.62	26.25	3.63
		1	2		22.54	25.94	3.40
		1	5		22.21	25.80	3.59
		6	0		21.54	26.34	4.80
		1	0	16QAM	21.73	27.04	5.31
		1	2		21.64	26.78	5.14
		1	5		21.33	26.63	5.30
		6	0		20.75	26.58	5.83

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Test Data (3MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
26805	825.5	1	0	QPSK	22.98	26.36	3.38
		1	8		22.55	25.89	3.34
		1	15		22.41	25.90	3.49
		15	0		21.71	26.68	4.97
		1	0	16QAM	22.47	27.47	5.00
		1	8		21.95	26.91	4.96
		1	15		21.82	27.00	5.18
		15	0		20.80	26.96	6.16
26915	836.5	1	0	QPSK	22.33	25.98	3.65
		1	8		22.52	26.03	3.51
		1	15		22.73	26.30	3.57
		15	0		21.66	26.54	4.88
		1	0	16QAM	21.48	27.03	5.55
		1	8		21.64	27.08	5.44
		1	15		21.84	27.30	5.46
		15	0		20.68	26.98	6.30
27025	847.5	1	0	QPSK	22.63	26.17	3.54
		1	8		22.53	25.88	3.35
		1	15		22.15	25.54	3.39
		15	0		21.62	26.31	4.69
		1	0	16QAM	21.63	27.19	5.56
		1	8		21.51	26.80	5.29
		1	15		21.14	26.48	5.34
		15	0		20.70	27.05	6.35

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Test Data (5MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
26815	826.5	1	0	QPSK	23.15	26.56	3.41
		1	13		22.33	26.01	3.68
		1	24		22.52	26.10	3.58
		25	0		21.73	26.85	5.12
		1	0	16QAM	22.76	27.60	4.84
		1	13		22.25	27.10	4.85
		1	24		22.16	27.13	4.97
		25	0		20.84	27.09	6.25
26915	836.5	1	0	QPSK	22.32	25.82	3.50
		1	13		22.71	26.09	3.38
		1	24		22.85	26.29	3.44
		25	0		21.71	26.39	4.68
		1	0	16QAM	21.42	26.91	5.49
		1	13		21.83	27.13	5.30
		1	24		22.01	27.26	5.25
		25	0		20.73	27.17	6.44
27015	846.5	1	0	QPSK	22.57	26.08	3.51
		1	13		22.75	26.09	3.34
		1	24		22.43	25.79	3.36
		25	0		21.66	26.80	5.14
		1	0	16QAM	21.71	27.13	5.42
		1	13		21.86	27.03	5.17
		1	24		21.60	26.70	5.10
		25	0		20.66	27.59	6.93

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Test Data (10MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
26840	829	1	0	QPSK	23.20	26.62	3.42
		1	25		22.63	26.08	3.45
		1	49		23.40	26.84	3.44
		50	0		21.80	27.32	5.52
		1	0	16QAM	22.62	27.63	5.01
		1	25		22.02	27.18	5.16
		1	49		22.80	27.96	5.16
		50	0		20.86	27.66	6.80
26915	836.5	1	0	QPSK	21.45	25.06	3.61
		1	25		23.02	26.52	3.50
		1	49		22.15	25.65	3.50
		50	0		21.68	27.00	5.32
		1	0	16QAM	20.46	26.18	5.72
		1	25		21.99	27.58	5.59
		1	49		21.13	26.63	5.50
		50	0		20.75	27.76	7.01
26990	844	1	0	QPSK	23.08	26.53	3.45
		1	25		22.24	25.78	3.54
		1	49		22.15	25.61	3.46
		50	0		21.69	27.12	5.43
		1	0	16QAM	22.25	27.49	5.24
		1	25		21.38	26.83	5.45
		1	49		21.25	26.51	5.26
		50	0		20.77	27.18	6.41

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(814MHz-824MHz)

Test Data (1.4MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
26697	814.7	1	0	QPSK	21.64	25.82	4.18
		1	2		21.76	25.68	3.92
		1	5		21.84	26.16	4.32
		6	0		20.95	26.13	5.18
		1	0	16QAM	21.12	27.11	5.99
		1	2		21.21	26.94	5.73
		1	5		21.30	27.25	5.95
		6	0		19.98	27.21	7.23
26740	819	1	0	QPSK	21.68	25.86	4.18
		1	2		21.79	25.68	3.89
		1	5		21.90	26.00	4.10
		6	0		20.91	26.70	5.79
		1	0	16QAM	20.86	27.28	6.42
		1	2		20.98	27.27	6.29
		1	5		21.06	27.52	6.46
		6	0		20.14	26.95	6.81
26783	823.3	1	0	QPSK	21.88	25.96	4.08
		1	2		21.78	25.60	3.82
		1	5		21.45	25.48	4.03
		6	0		20.87	25.90	5.03
		1	0	16QAM	21.06	26.98	5.92
		1	2		20.97	26.70	5.73
		1	5		20.68	26.66	5.98
		6	0		20.17	26.40	6.23

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Test Data (3MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
26705	815.5	1	0	QPSK	21.64	25.51	3.87
		1	8		21.93	25.58	3.65
		1	15		22.32	26.16	3.84
		15	0		21.14	26.30	5.16
		1	0	16QAM	21.06	26.82	5.76
		1	8		21.37	26.96	5.59
		1	15		21.78	27.51	5.73
		15	0		20.30	26.60	6.30
26740	819	1	0	QPSK	21.74	25.82	4.08
		1	8		21.74	25.58	3.84
		1	15		22.16	26.17	4.01
		15	0		21.03	26.87	5.84
		1	0	16QAM	20.85	27.29	6.44
		1	8		20.83	27.10	6.27
		1	15		21.19	27.67	6.48
		15	0		20.24	26.89	6.65
26775	822.5	1	0	QPSK	21.93	25.86	3.93
		1	8		21.74	25.43	3.69
		1	15		21.39	25.22	3.83
		15	0		20.96	26.08	5.12
		1	0	16QAM	21.10	27.10	6.00
		1	8		20.90	26.64	5.74
		1	15		20.58	26.43	5.85
		15	0		20.02	26.29	6.27

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Test Data (5MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
26715	816.5	1	0	QPSK	21.65	25.48	3.83
		1	13		22.09	25.75	3.66
		1	24		22.46	26.27	3.81
		25	0		21.21	26.36	5.15
		1	0	16QAM	21.34	26.78	5.44
		1	13		21.75	27.14	5.39
		1	24		22.07	27.44	5.37
		25	0		20.36	27.42	7.06
26740	819	1	0	QPSK	21.88	25.76	3.88
		1	13		21.990	25.64	3.65
		1	24		22.69	26.61	3.92
		25	0		21.13	26.33	5.20
		1	0	16QAM	21.02	27.25	6.23
		1	13		21.06	27.13	6.07
		1	24		21.86	28.00	6.14
		25	0		20.23	27.34	7.11
26765	821.5	1	0	QPSK	21.92	25.78	3.86
		1	13		21.94	25.59	3.65
		1	24		21.66	25.36	3.70
		25	0		21.02	26.43	5.41
		1	0	16QAM	21.10	27.18	6.08
		1	13		21.14	26.95	5.81
		1	24		20.88	26.60	5.72
		25	0		20.06	26.85	6.79

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Report No.: I21W00039-WWAN_Rev3

Test Data (10MHz bandwidth Mode)

Channel	Frequency (MHz)	No.RB	RB START	Modulation	Max Power(RMS)	Max Power (PK)	PAR
26740	819	1	0	QPSK	21.43	25.18	3.75
		1	25		22.35	26.09	3.74
		1	49		21.31	24.93	3.62
		50	0		21.28	26.88	5.60
		1	0	16QAM	20.90	26.53	5.63
		1	25		21.80	27.34	5.54
		1	49		20.76	26.29	5.53
		50	0		20.44	27.15	6.71

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6.3. ERP and EIRP

Specifications:	FCC Part 22.913(a), 24.232(b), Part 27.50, 90.635(b)
DUT Serial Number:	865171050693525
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	Pass

Limit Level Construction:

This is the test for the maximum radiated power from the EUT.

According to Part 24.232(c), "Mobile/portable stations are limited to 2 watts e.i.r.p. Peak power" and 24.232(c) specifies that "Peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage."

According to 22.913(a), The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts."

According to Part 27.50(d), "Fixed, mobile, and portable (handheld) stations operating in the 1710–1755 MHz band are limited to 1 watt EIRP".

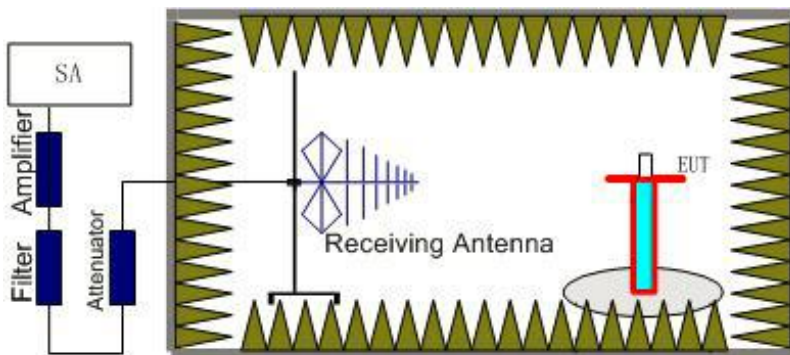
According to Part 27.50(h)(2) "Mobile stations are limited to 2.0 watts EIRP".

According to Part 27.50(c), specifies "Portable stations (hand-held de-vices) are limited to 3 watts ERP".

Method of Measurement

The measurements procedures in TIA-603E-2016 are used.

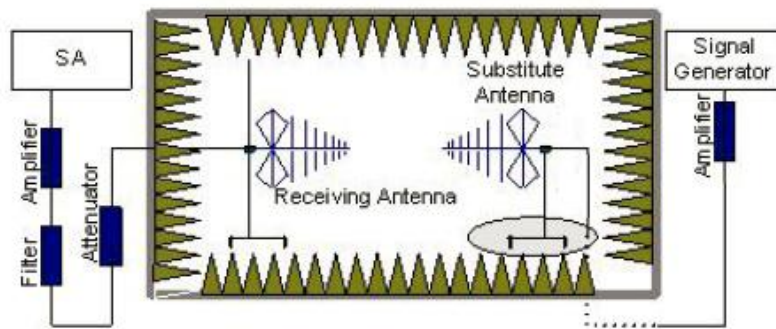
1. EUT was placed on a 1.5 meter high non-conductive stand at a 3 meter test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT for emission measurements. The height of receiving antenna is 1.5m. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna polarization. The radiated emission measurements of all transmit frequencies in three channels (High, Middle, Low) were measured with peak detector.



- The EUT is then put into continuously transmitting mode at its maximum power level during the test. And the maximum value of the receiver should be recorded as (Pr).
- The EUT shall be replaced by a substitution antenna. The test setup refers to figure below.

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In the chamber, an substitution antenna for the frequency band of interest is placed at thereference point of the chamber. An RF Signal source for the frequency band of interest isconnected to the substitution antenna with a cable that has been constructed to not interferewith the radiation pattern of the antenna. A power (PMea) is applied to the input of thesubstitution antenna, and adjust the level of the signal generator output until the value of thereceiver reach the previously recorded (Pr). The power of signal source (PMea) is recorded. Thetest should be performed by rotating the test item and adjusting the receiving antennapolarization.

4. A amplifier should be connected to the Signal Source output port. And the cable should beconnect between the Amplifier and the Substitution Antenna.

The cable loss (Pcl) ,the Substitution Antenna Gain (Ga) and the Amplifier Gain (PAg) should berecorded after test.

The measurement results are obtained as described below:

$$\text{Power(EIRP)} = \text{PMea} + \text{PAg} - \text{Pcl} + \text{Ga}$$

5. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15dBi) and known input power.

6. ERP can be calculated from EIRP by subtracting the gain of the dipole,

$$\text{ERP} = \text{S.G output(dBM)} - \text{cable loss (dB)} + \text{antenna gain (dBd)}$$

$$\text{EIRP} = \text{S.G output(dBM)} - \text{cable loss (dB)} + \text{antenna gain (dBi)}$$

6.3.1 GSM 850 Measurement result

GPRS GMSK Mode

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	ERP [dBm]	Antenna Polarization [H/V]
824.2	32.0	3.4	8.0	36.6	H
836.6	34.1	3.4	6.6	37.3	H

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848.8	33.5	3.4	7.2	37.3	H
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EGPRS GMSK Mode

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	ERP [dBm]	Antenna Polarization [H/V]
824.2	31.2	3.4	8.0	35.8	H
836.6	32.9	3.4	6.6	36.1	H
848.8	32.0	3.4	7.2	35.8	H

EGPRS 8PSK Mode

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	ERP [dBm]	Antenna Polarization [H/V]
824.2	31.0	3.4	8.0	35.6	H
836.6	32.8	3.4	6.6	36.0	H
848.8	32.2	3.4	7.2	36.0	H

6.3.2 PCS 1900 Measurement result

GPRS GMSK Mode

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	EIRP [dBm]	Antenna Polarization [H/V]
1850.2	29.6	5.0	7.2	31.8	H
1880.0	30.3	5.0	7.2	32.5	H
1909.8	30.7	5.1	6.8	32.4	H

EGPRS GMSK Mode

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	EIRP [dBm]	Antenna Polarization [H/V]
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1850.2	28.1	5.0	7.2	30.3	H
1880.0	28.7	5.0	7.2	30.9	H
1909.8	28.9	5.1	6.8	30.6	H

EGPRS 8PSK Mode

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	EIRP [dBm]	Antenna Polarization [H/V]
1850.2	28.2	5.0	7.2	30.4	H
1880.0	28.8	5.0	7.2	31.0	H
1909.8	29.0	5.1	6.8	30.7	H

6.3.3 WCDMA Band2 Measurement result

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	EIRP [dBm]	Antenna Polarization [H/V]
1852.4	20.9	5.0	7.2	23.1	H
1880.0	20.5	5.0	7.2	22.7	H
1907.6	21.1	5.1	6.8	22.8	H

6.3.4 WCDMA Band4 Measurement result

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	EIRP [dBm]	Antenna Polarization [H/V]
1712.4	20.6	4.8	7.9	23.7	H
1732.6	20.7	4.9	8.1	23.9	H
1752.6	20.6	4.9	8.1	23.8	H

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6.3.5 WCDMA Band5 Measurement result

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	ERP [dBm]	Antenna Polarization [H/V]
826.4	21.9	3.4	8.0	26.5	H
836.6	23.2	3.4	6.6	26.4	H
846.6	22.5	3.4	7.2	26.3	H

6.3.6 LTE Band 2 Measurement result

LTE Band 2_20 MHz_QPSK

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	EIRP [dBm]	Antenna Polarization [H/V]
1860.0	21.1	5.0	7.2	23.3	H
1880.0	21.0	5.0	7.2	23.2	H
1900.0	21.4	5.1	6.8	23.1	H

LTE Band 2_20 MHz_16QAM

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	EIRP [dBm]	Antenna Polarization [H/V]
1860.0	20.7	5.0	7.2	22.9	H
1880.0	20.7	5.0	7.2	22.9	H
1900.0	20.6	5.1	6.8	22.3	H

6.3.7 LTE Band 4 Measurement result

LTE Band 4_20MHz_QPSK

Frequency	Generator	Cable loss	Antenna	EIRP	Antenna
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[MHz]	output power(P_g) [dBm]	[dB]	Gain [dB]	[dBm]	Polarization [H/V]
1720.0	21.1	4.8	7.9	24.2	H
1732.5	21.2	4.9	8.1	24.4	H
1745.0	21.1	4.9	8.1	24.3	H

LTE Band 4_20MHz_16QAM

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	EIRP [dBm]	Antenna Polarization [H/V]
1720.0	20.7	4.8	7.9	23.8	H
1732.5	20.7	4.9	8.1	23.9	H
1745.0	20.7	4.9	8.1	23.9	H

6.3.8 LTE Band 5 Measurement result

LTE Band 5_10MHz_QPSK

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	ERP [dBm]	Antenna Polarization [H/V]
829.0	23.8	3.4	7.3	26.9	H
836.4	23.3	3.4	6.6	26.5	H
844.0	23.4	3.4	6.6	26.6	H

LTE Band 5_10MHz_16QAM

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	ERP [dBm]	Antenna Polarization [H/V]
829.0	23.2	3.4	7.3	26.3	H
836.4	22.3	3.4	6.6	25.5	H
844.0	22.5	3.4	6.6	25.7	H

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6.3.9 LTE Band 7 Measurement result

LTE Band 7_20MHz_QPSK

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	EIRP [dBm]	Antenna Polarization [H/V]
2510.0	21.4	5.9	10.6	26.1	H
2535.0	21.0	5.9	10.6	25.7	H
2560.0	20.7	6.0	10.6	25.3	H

LTE Band 7_20MHz_16QAM

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	EIRP [dBm]	Antenna Polarization [H/V]
2510.0	20.9	5.9	10.6	25.6	H
2535.0	20.6	5.9	10.6	25.3	H
2560.0	20.2	6.0	10.6	24.8	H

6.3.10 LTE Band 12 Measurement result

LTE Band 12_10MHz_QPSK

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	ERP [dBm]	Antenna Polarization [H/V]
704.0	20.8	3.1	8.9	26.6	H
707.5	20.8	3.1	9.1	26.8	H
711.0	20.1	3.1	9.1	26.1	H

LTE Band 12_10MHz_16QAM

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	ERP [dBm]	Antenna Polarization [H/V]
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704.0	20.3	3.1	8.9	26.1	H
707.5	19.8	3.1	9.1	25.8	H
711.0	19.2	3.1	9.1	25.2	H

6.3.11 LTE Band 13 Measurement result

LTE Band 13_5MHz_QPSK

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	ERP [dBm]	Antenna Polarization [H/V]
779.5	21.2	3.3	8.1	26.0	H
782.0	21.6	3.3	8.1	26.4	H
784.5	21.4	3.3	8.0	26.1	H

LTE Band 13_10MHz_16QAM

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	ERP [dBm]	Antenna Polarization [H/V]
779.5	20.2	3.3	8.1	25.0	H
782.0	20.6	3.3	8.1	25.4	H
784.5	20.5	3.3	8.0	25.2	H

6.3.12 LTE Band 17 Measurement result

LTE Band 17_10MHz_QPSK

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	ERP [dBm]	Antenna Polarization [H/V]
709.0	20.3	3.1	8.9	26.1	H
710.0	20.0	3.1	9.1	26.0	H
711.0	19.4	3.1	9.1	25.4	H

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LTE Band 17_10MHz_16QAM

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	ERP [dBm]	Antenna Polarization [H/V]
709.0	19.7	3.1	8.9	25.5	H
710.0	18.9	3.1	9.1	24.9	H
711.0	18.6	3.1	9.1	24.6	H

6.3.13 LTE Band 25 Measurement result

LTE Band 25_20MHz_QPSK

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	EIRP [dBm]	Antenna Polarization [H/V]
1860.0	21.0	5.0	7.0	23.0	H
1882.5	21.0	5.0	7.0	23.0	H
1905.0	21.0	5.1	7.0	22.9	H

LTE Band 25_20MHz_16QAM

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	EIRP [dBm]	Antenna Polarization [H/V]
1860.0	20.6	5.0	7.0	22.6	H
1882.5	20.1	5.0	7.0	22.1	H
1905.0	20.2	5.1	7.0	22.1	H

6.3.14 LTE Band 26 Measurement result

(824MHz-849MHz)

LTE Band 26_5MHz_QPSK

Frequency [MHz]	Generator output	Cable loss [dB]	Antenna Gain [dB]	ERP [dBm]	Antenna Polarization
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	power(P _g) [dBm]				[H/V]
829.0	23.8	3.4	7.3	26.9	H
836.4	23.3	3.4	6.6	26.5	H
844.0	23.4	3.4	6.6	26.6	H

LTE Band 26_5MHz_16QAM

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	ERP [dBm]	Antenna Polarization [H/V]
829.0	23.2	3.4	7.3	26.3	H
836.4	22.3	3.4	6.6	25.5	H
844.0	22.5	3.4	6.6	25.7	H

(814MHz-824MHz)

LTE Band 26_5MHz_QPSK

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	ERP [dBm]	Antenna Polarization [H/V]
816.5	21.1	3.3	6.9	24.7	H
819	21.4	3.4	6.9	24.9	H
821.5	21.1	3.4	6.9	24.6	H

LTE Band 26_5MHz_16QAM

Frequency [MHz]	Generator output power(P _g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	ERP [dBm]	Antenna Polarization [H/V]
816.5	21.5	3.3	6.9	25.1	H
819	21.3	3.4	6.9	24.8	H
821.5	21.2	3.4	6.9	24.7	H

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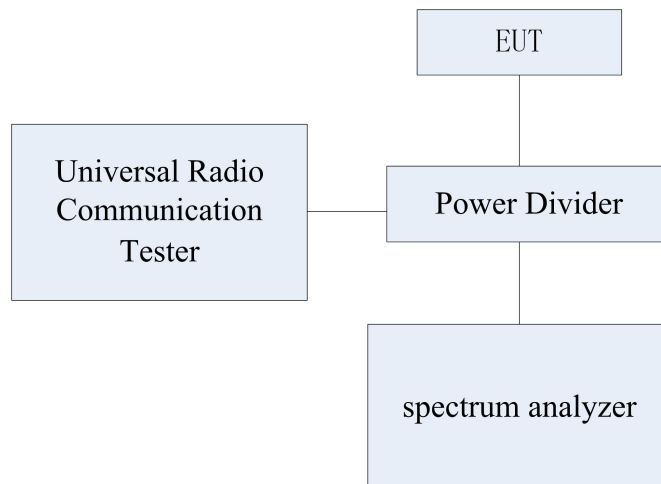
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6.4. Occupied Bandwidth

Specifications:	FCC Part 2.1049, 22.917(b), 24.238(b)
DUT Serial Number:	865171050693608
Test conditions:	Ambient Temperature:15 °C-35 °C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	--

Test Setup

During the test, the EUT was controlled via the Wireless Communications Test Set to ensure max power transmission and proper modulation and measured by spectrum analyzer.



Measurement Uncertainty:

Item	Uncertainty
Expanded Uncertainty	500 kHz (k=2)

Test Method

The 99% occupied Bandwidth was calculated from the spectrum analyzer. Markers in the spectrum analyzer were then placed between the calculated frequencies to show the calculated 99% power Band. The 26dB Bandwidth was also measured and recorded.

Note: --

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6.4.1 GSM Mode Occupied Bandwidth Results

Band	EUT channel No.	Mode	99% OBW (MHz)	-26dBc OBW (MHz)
GSM850	128	GMSK	0.25	0.32
		8PSK	0.25	0.31
	190	GMSK	0.25	0.30
		8PSK	0.25	0.31
	251	GMSK	0.24	0.31
		8PSK	0.25	0.32
PCS1900	512	GMSK	0.24	0.32
		8PSK	0.25	0.31
	661	GMSK	0.24	0.33
		8PSK	0.24	0.32
	810	GMSK	0.24	0.32
		8PSK	0.25	0.32

6.4.2 WCDMA Band mode occupied bandwidth Results

Band	EUT channel No.	Mode	99% OBW (MHz)	-26dBc OBW (MHz)
B2	9400 (1880.0 MHz)	QPSK	4.13	4.78
B4	1413 (1732.6MHz)	QPSK	4.11	4.69
B5	4182 (836.4MHz)	QPSK	4.15	4.70
B2	9400 (1880.0 MHz)	16QAM	4.15	4.74
B4	1413 (1732.6MHz)	16QAM	4.13	4.74
B5	4182 (836.4MHz)	16QAM	4.13	4.71

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6.4.3 LTE B2 occupied bandwidth Results

Mode	EUT channel No.	bandwidth	No. RB	RB offset	99% occupied bandwidth [MHz]	-26dBc occupied bandwidth [MHz]
QPSK	18900 (1880MHz)	1.4MHz	6	0	1.10	1.25
		3MHz	15		2.68	3.00
		5MHz	25		4.52	5.02
		10MHz	50		8.94	9.65
		15MHz	75		13.51	14.90
		20MHz	100		18.01	19.42
16QAM		1.4MHz	6		1.10	1.26
		3MHz	15		2.68	2.98
		5MHz	25		4.52	5.00
		10MHz	50		8.94	9.68
		15MHz	75		13.56	14.76
		20MHz	100		18.01	19.29

6.4.4 LTE B4 occupied bandwidth Results

Mode	EUT channel No.	bandwidth	No. RB	RB offset	99% occupied bandwidth [MHz]	-26dBc occupied bandwidth [MHz]
QPSK	20175 (1732.5MHz)	1.4MHz	6	0	1.09	1.24
		3MHz	15		2.68	2.99
		5MHz	25		4.52	4.97
		10MHz	50		8.97	9.71
		15MHz	75		13.51	14.81
		20MHz	100		17.95	19.55
16QAM		1.4MHz	6		1.10	1.28
		3MHz	15		2.69	2.92
		5MHz	25		4.52	4.97
		10MHz	50		8.97	9.62
		15MHz	75		13.51	14.81
		20MHz	100		17.95	19.36

6.4.5 LTE B5 occupied bandwidth Results

Mode	EUT channel No.	bandwidth	No. RB	RB offset	99% occupied bandwidth [MHz]	-26dBc occupied bandwidth [MHz]
QPSK	20525 (836.5MHz)	1.4MHz	6	0	1.09	1.24
		3MHz	15		2.68	2.92
		5MHz	25		4.52	4.94
		10MHz	50		8.94	9.65
16QAM		1.4MHz	6		1.09	1.24
		3MHz	15		2.69	2.95
		5MHz	25		4.52	4.98
		10MHz	50		8.94	9.68

6.4.6 LTE B7 occupied bandwidth Results

Mode	EUT channel No.	bandwidth	No. RB	RB offset	99% occupied bandwidth [MHz]	-26dBc occupied bandwidth [MHz]
QPSK	21100 (2535MHz)	5MHz	25	0	4.54	5.00
		10MHz	50		8.94	9.71
		15MHz	75		13.51	14.86
		20MHz	100		17.95	19.42
16QAM		5MHz	25		4.52	5.02
		10MHz	50		8.91	9.65
		15MHz	75		13.56	14.71
		20MHz	100		17.88	19.29

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6.4.7 LTE B12 occupied bandwidth Results

Mode	EUT channel No.	bandwidth	No. RB	RB offset	99% occupied bandwidth [MHz]	-26dBc occupied bandwidth [MHz]
QPSK	23095 (707.5MHz)	1.4MHz	6	0	1.10	1.23
		3MHz	15		2.68	2.97
		5MHz	25		4.53	4.93
		10MHz	50		8.97	9.61
16QAM		1.4MHz	6		1.10	1.25
		3MHz	15		2.69	2.95
		5MHz	25		4.50	4.91
		10MHz	50		8.97	9.48

6.4.8 LTE B13 occupied bandwidth Results

Mode	EUT channel No.	bandwidth	No. RB	RB offset	99% occupied bandwidth [MHz]	-26dBc occupied bandwidth [MHz]
QPSK	23230 (782MHz)	5MHz	25	0	4.54	5.00
		10MHz	50		8.97	9.68
16QAM		5MHz	25		4.52	5.05
		10MHz	50		8.97	9.65

6.4.9 LTE B17 occupied bandwidth Results

Mode	EUT channel No.	bandwidth	No. RB	RB offset	99% occupied bandwidth [MHz]	-26dBc occupied bandwidth [MHz]
QPSK	23790 (710MHz)	5MHz	25	0	4.51	4.95
		10MHz	50		8.97	9.61
16QAM		5MHz	25		4.51	4.98
		10MHz	50		8.97	9.55

6.4.10 LTE B25 occupied bandwidth Results

Mode	EUT channel No.	bandwidth	No. RB	RB offset	99% occupied bandwidth [MHz]	-26dBc occupied bandwidth [MHz]
QPSK	26365 (1882.5MHz)	1.4MHz	6	0	1.10	1.25
		3MHz	15		2.68	2.99
		5MHz	25		4.54	5.08
		10MHz	50		8.91	9.68
		15MHz	75		13.51	14.76
		20MHz	100		17.95	19.42
16QAM		1.4MHz	6		1.10	1.25
		3MHz	15		2.69	2.94
		5MHz	25		4.52	5.05
		10MHz	50		8.97	9.62
		15MHz	75		13.51	14.76
		20MHz	100		17.95	19.36

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6.4.11 LTE B26 occupied bandwidth Results

(824MHz-849MHz)

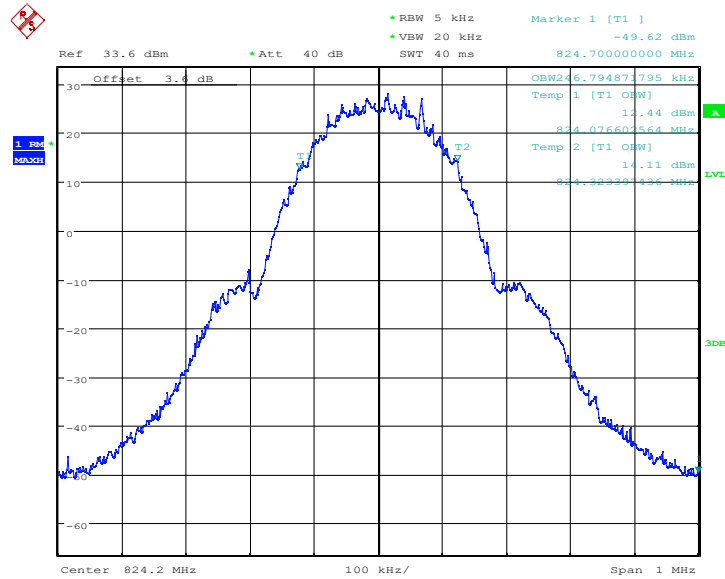
Mode	EUT channel No.	bandwidth	No. RB	RB offset	99% occupied bandwidth [MHz]	-26dBc occupied bandwidth [MHz]
QPSK	26915 (836.5MHz)	1.4MHz	6	0	1.09	1.24
		3MHz	15		2.68	2.92
		5MHz	25		4.52	4.94
		10MHz	50		8.94	9.65
16QAM		1.4MHz	6		1.09	1.24
		3MHz	15		2.69	2.95
		5MHz	25		4.52	4.98
		10MHz	50		8.94	9.68

(814MHz-824MHz)

Mode	EUT channel No.	bandwidth	No. RB	RB offset	99% occupied bandwidth [MHz]	-26dBc occupied bandwidth [MHz]
QPSK	26740 (819MHz)	1.4MHz	6	0	1.09	1.24
16QAM		1.4MHz	6		1.10	1.26
QPSK		10MHz	50		8.97	9.68
16QAM		10MHz	50		8.97	9.52

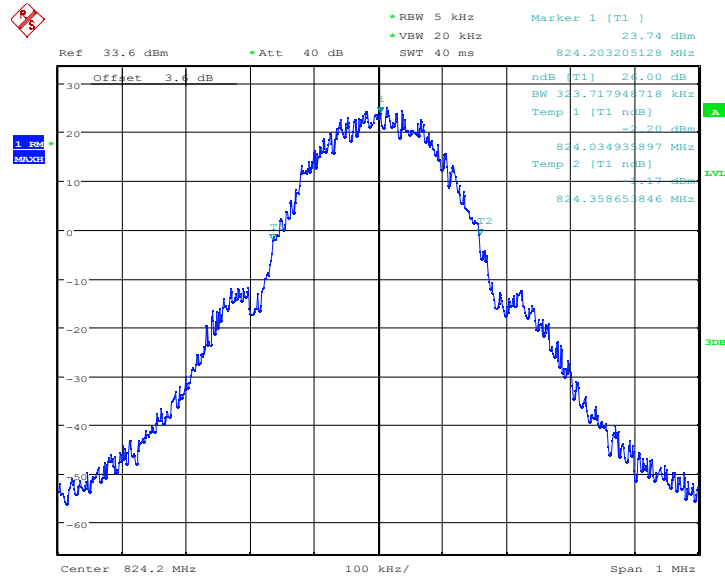
Note:It only reflects the worst data

Graphical results for GSM850:



Date: 3.NOV.2021 17:12:57

GMSK 99% Channel 128



Date: 3.NOV.2021 17:13:32

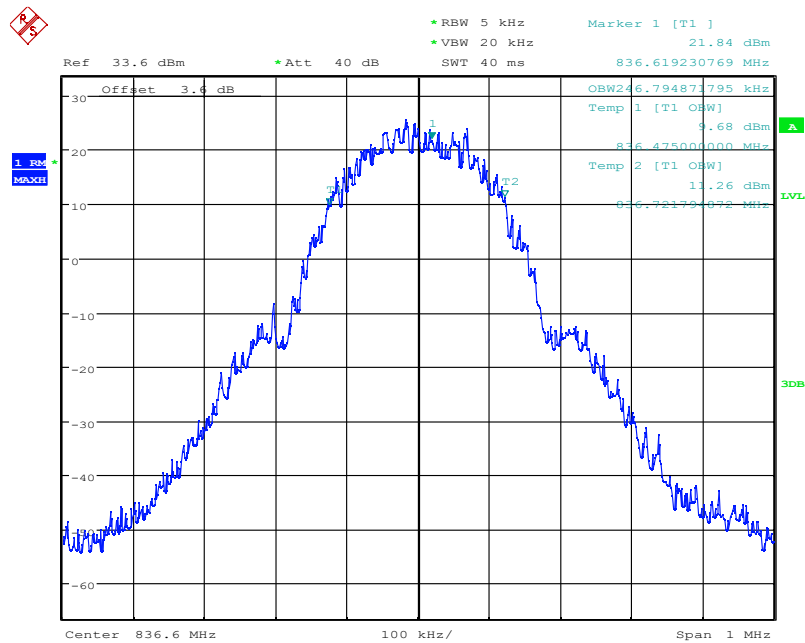
GMSK -26dBc Channel 128

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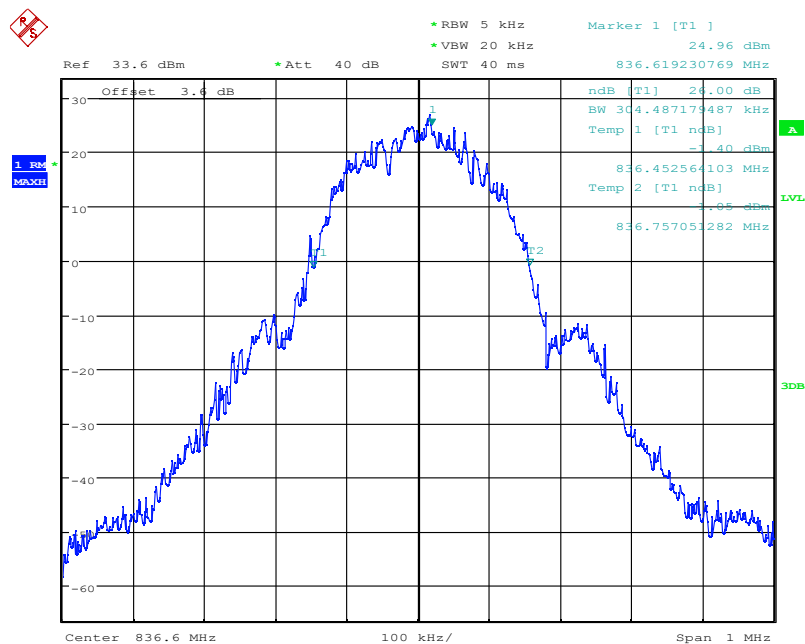


Report No.: I21W00039-WWAN_Rev3



Date: 3.NOV.2021 17:14:12

GMSK 99% Channel 190



Date: 3.NOV.2021 17:14:02

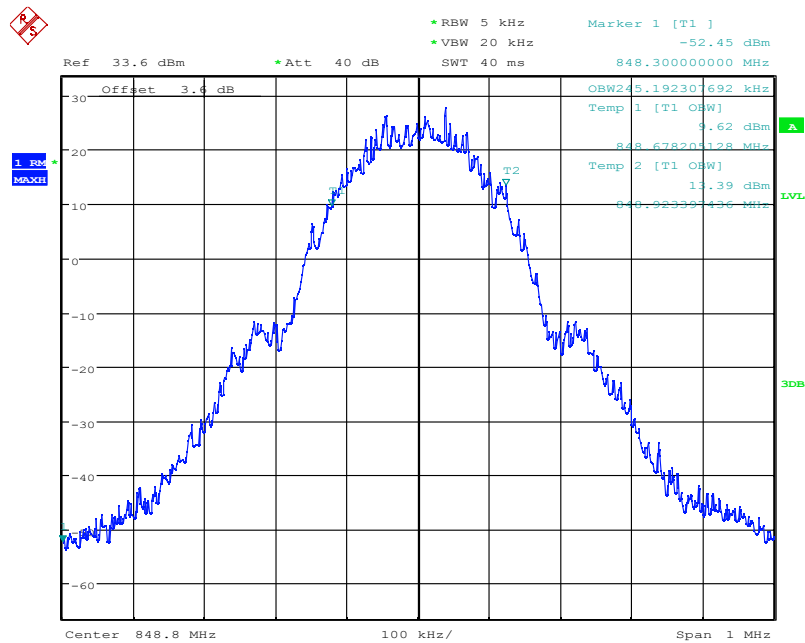
GMSK -26dBc Channel 190

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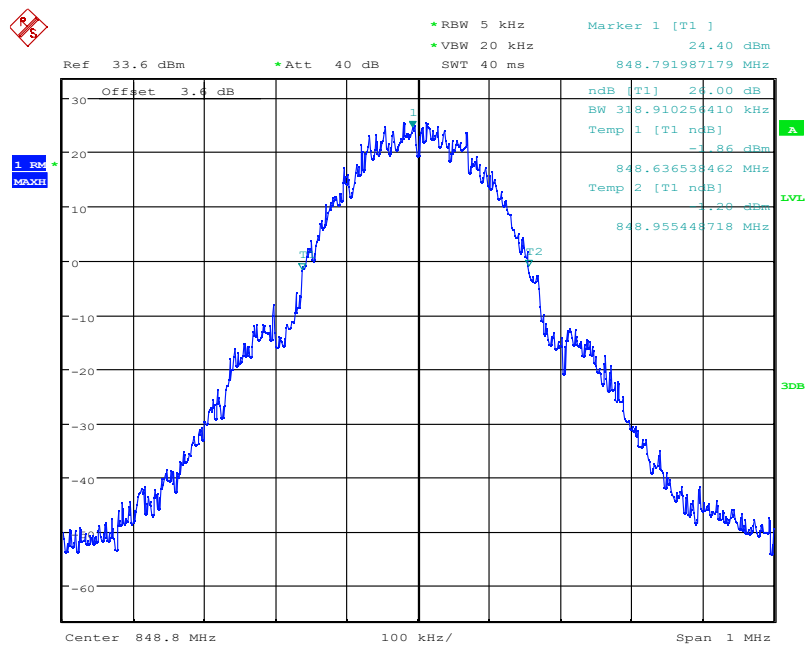


Report No.: I21W00039-WWAN_Rev3



Date: 3.NOV.2021 17:14:30

GMSK 99% Channel 251



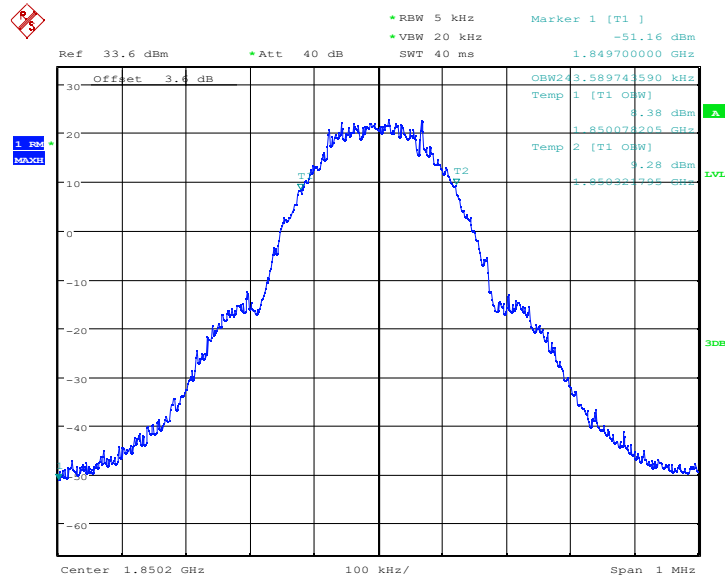
Date: 3.NOV.2021 17:14:40

GMSK -26dBc Channel 251

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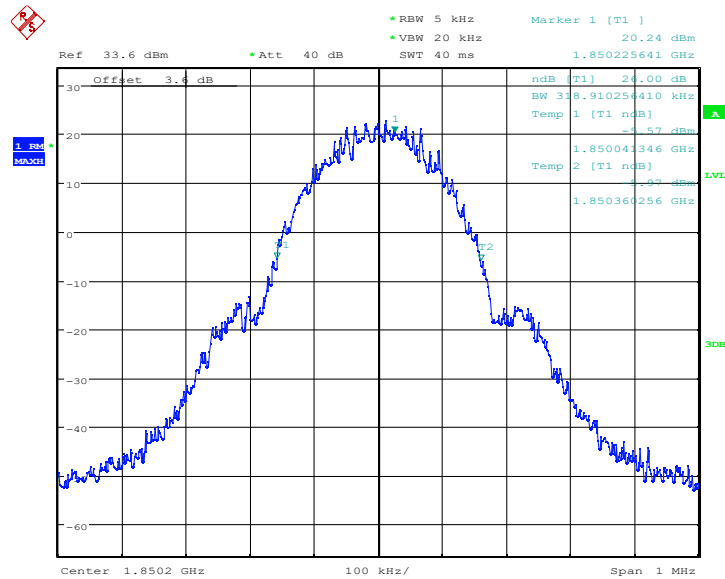
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Graphical results for GSM1900:



Date: 3.NOV.2021 16:59:46

GMSK 99% Channel 512



Date: 3.NOV.2021 17:00:09

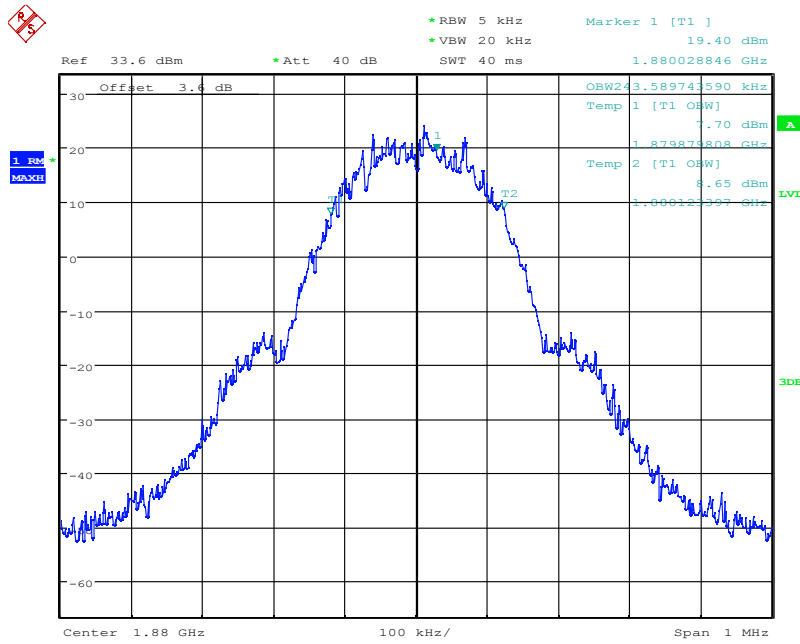
GMSK -26dBc Channel 512

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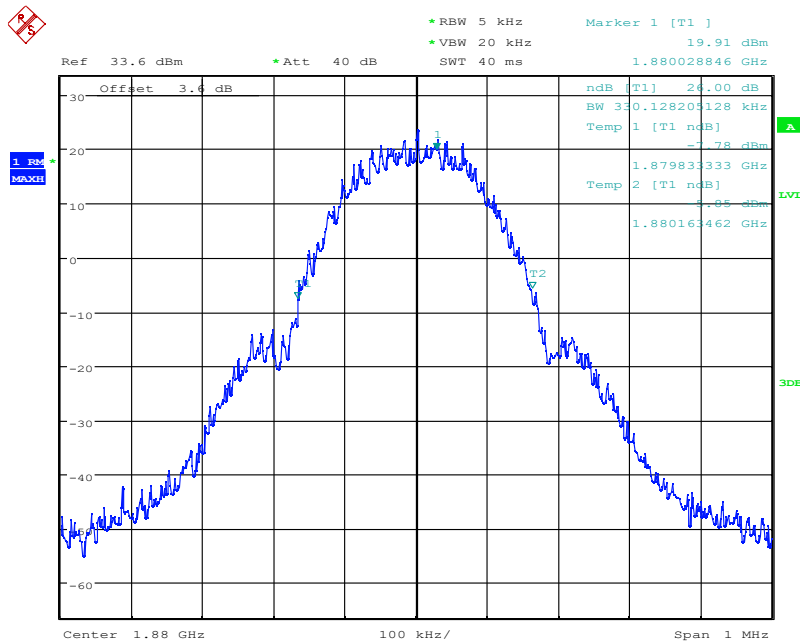


Report No.: I21W00039-WWAN_Rev3



Date: 3.NOV.2021 17:00:50

GMSK 99% Channel 661

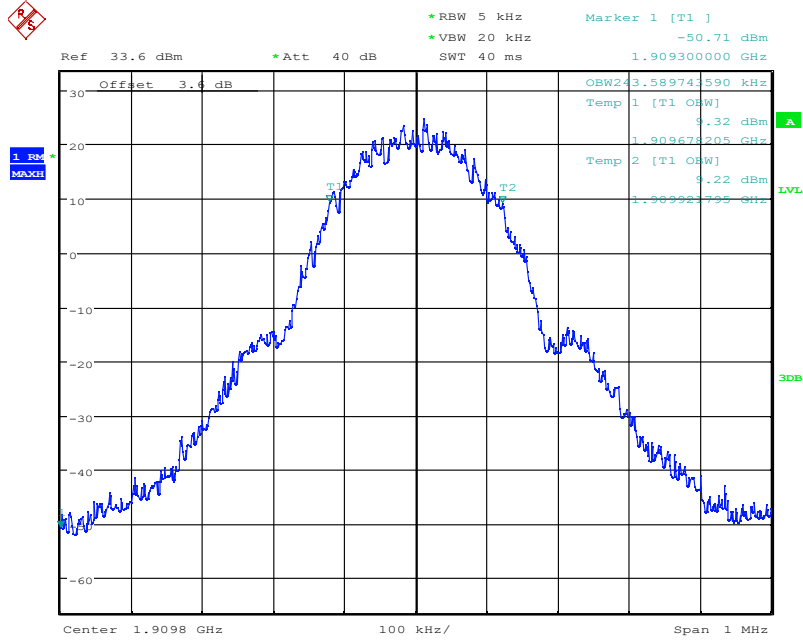


Date: 3.NOV.2021 17:00:32

GMSK -26dBc Channel 661

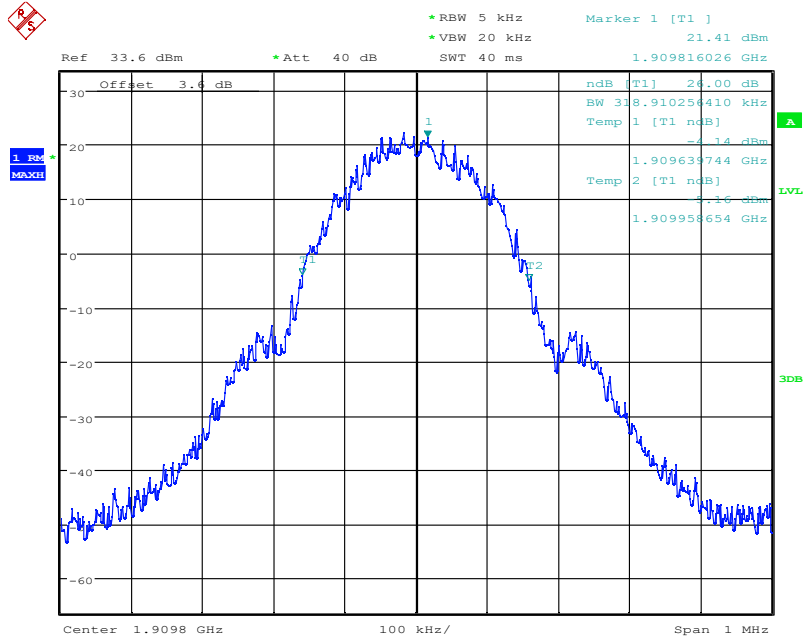
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Date: 3.NOV.2021 17:01:21

GMSK 99% Channel 810



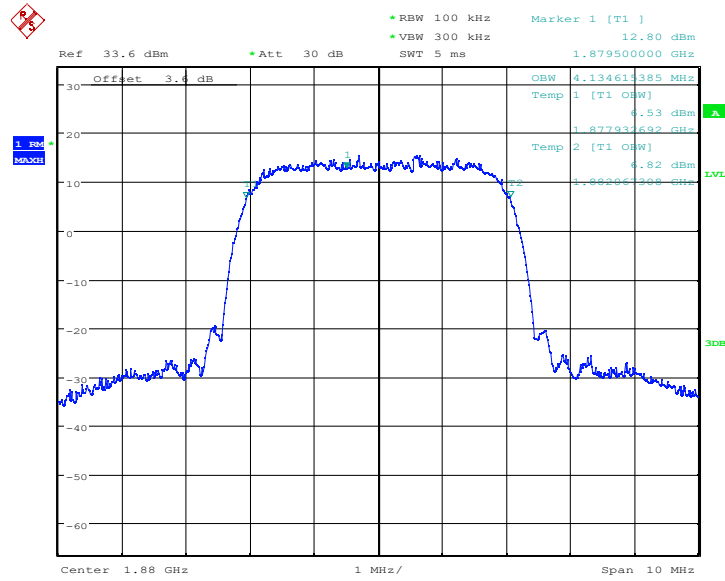
Date: 3.NOV.2021 17:01:34

GMSK -26dBc Channel 810

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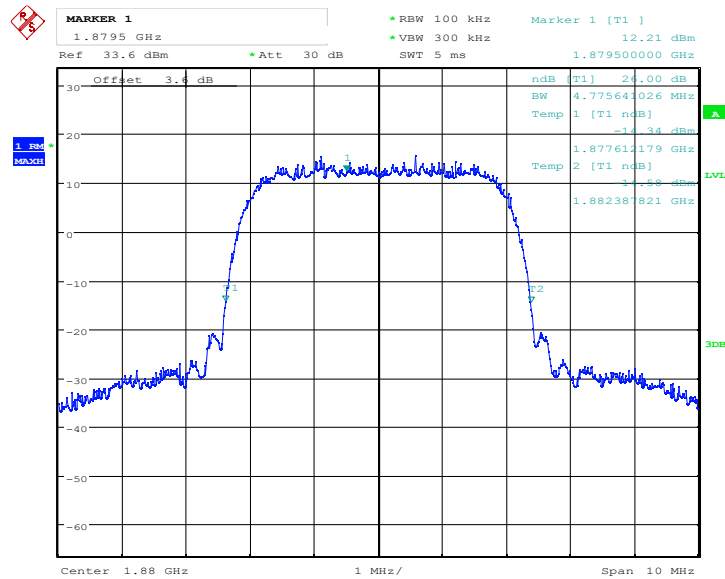
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Graphical results for WCDMA Band2



Date: 3.NOV.2021 17:26:42

WCDMA B2 99% QPSK



Date: 3.NOV.2021 17:26:55

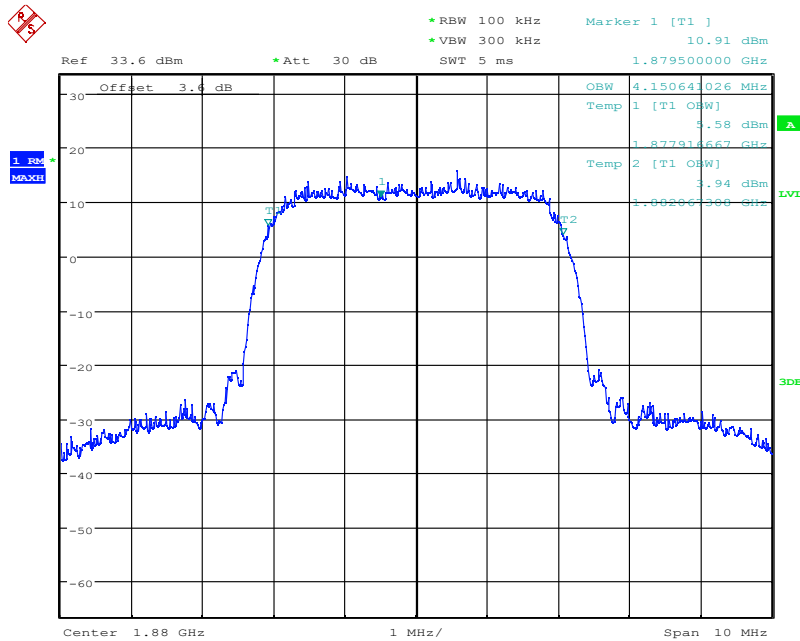
WCDMA B2 -26dBc QPSK

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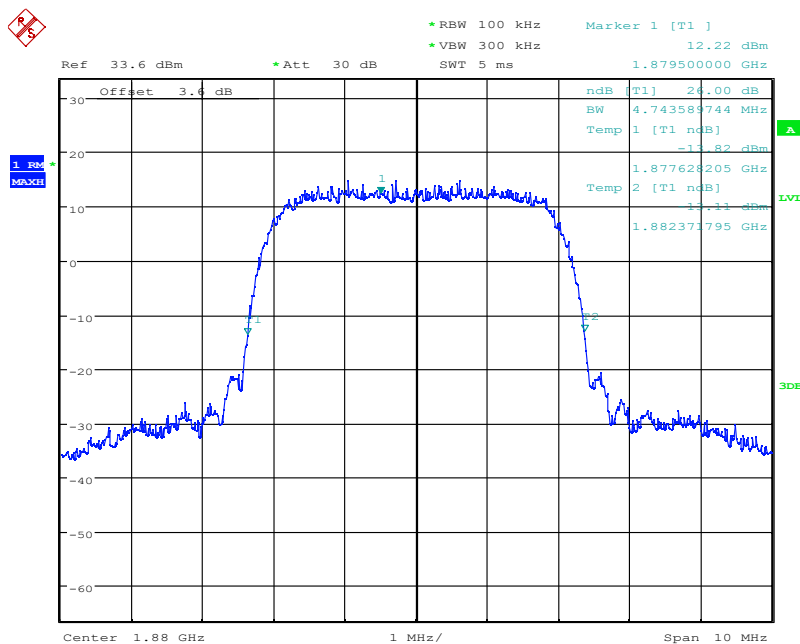


Report No.: I21W00039-WWAN_Rev3



Date: 3.NOV.2021 17:27:30

WCDMA B2 99% 16QAM



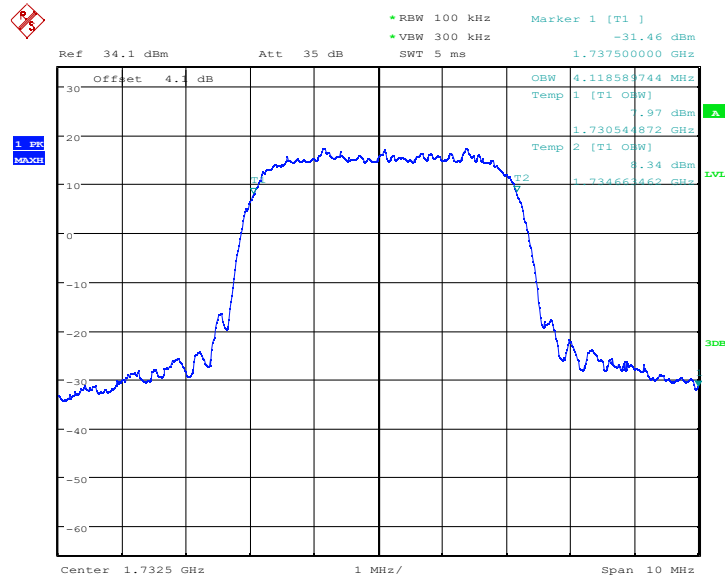
Date: 3.NOV.2021 17:27:19

WCDMA B2 -26dBc 16QAM

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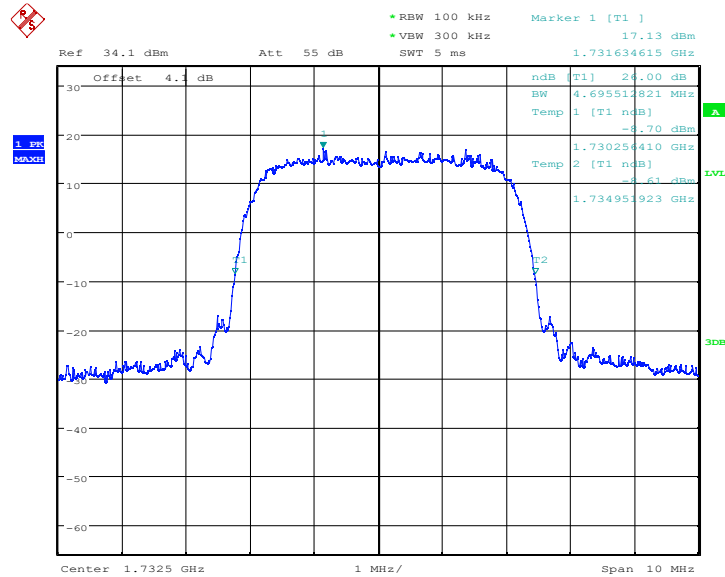
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Graphical results for WCDMA Band4



Date: 8.NOV.2021 20:06:21

WCDMA B4 99% QPSK



Date: 8.NOV.2021 20:06:34

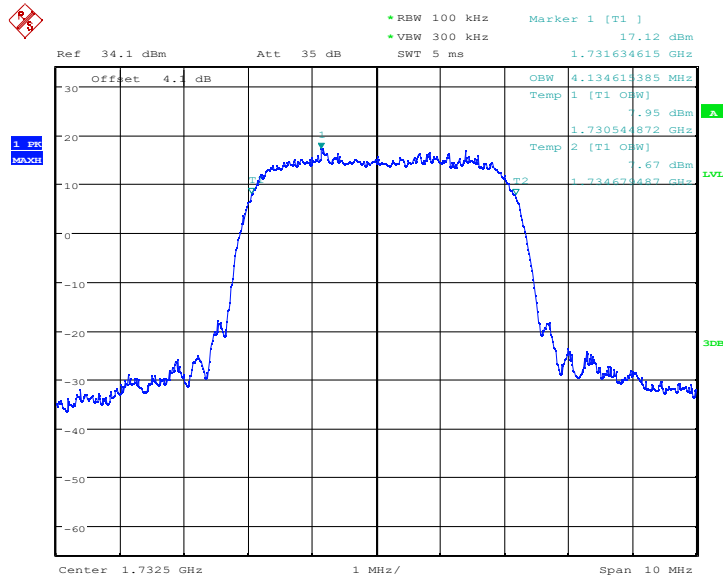
WCDMA B4 -26dBc QPSK

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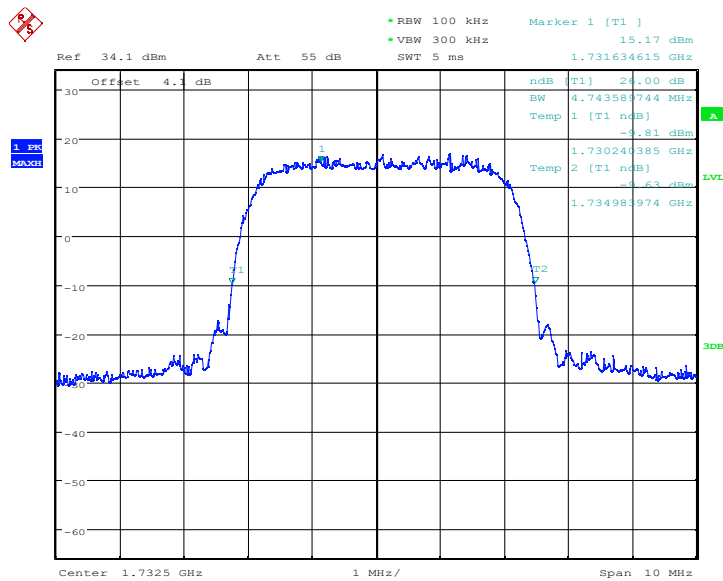


Report No.: I21W00039-WWAN_Rev3



Date: 8.NOV.2021 20:07:39

WCDMA B4 99% 16QAM



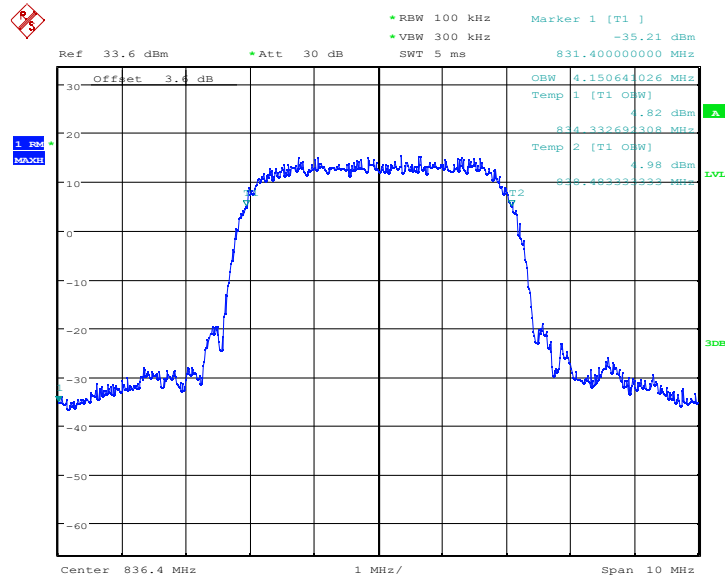
Date: 8.NOV.2021 20:07:25

WCDMA B4 -26dBc 16QAM

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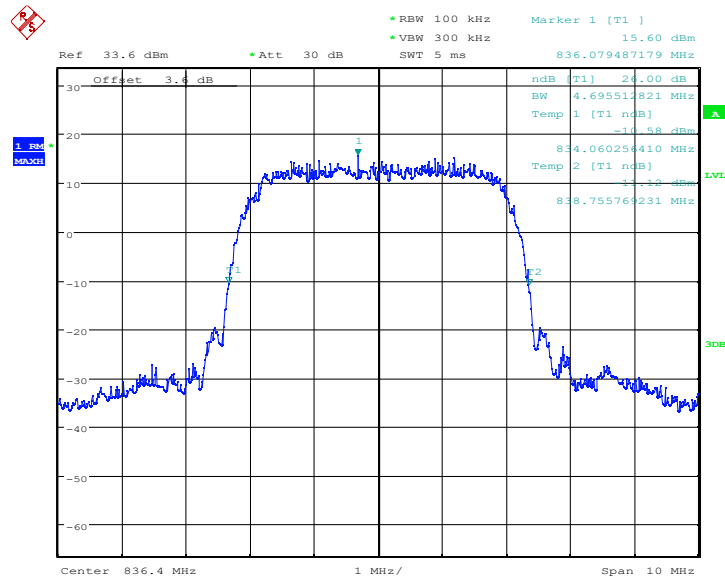
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Graphical results for WCDMA Band5:



Date: 3.NOV.2021 17:30:01

WCDMA B5 99% QPSK



Date: 3.NOV.2021 17:30:09

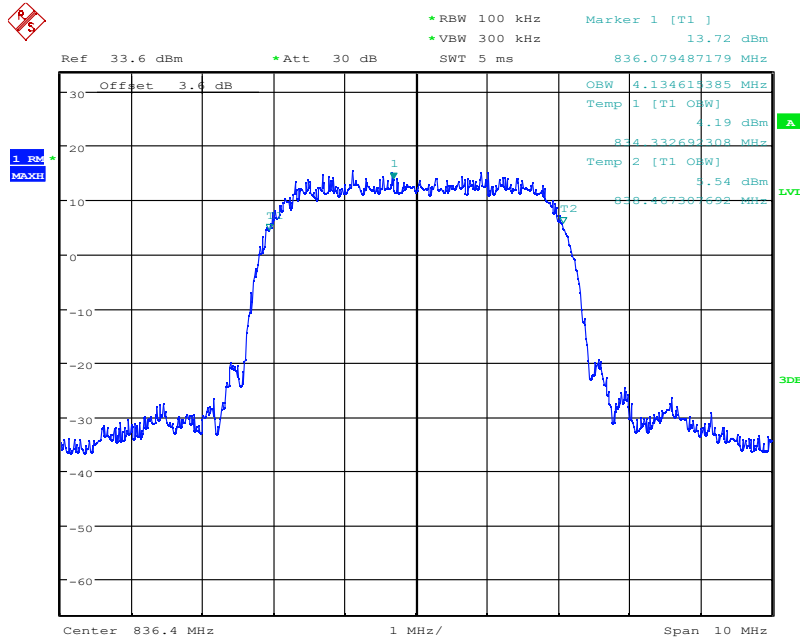
WCDMA B5 -26dBc QPSK

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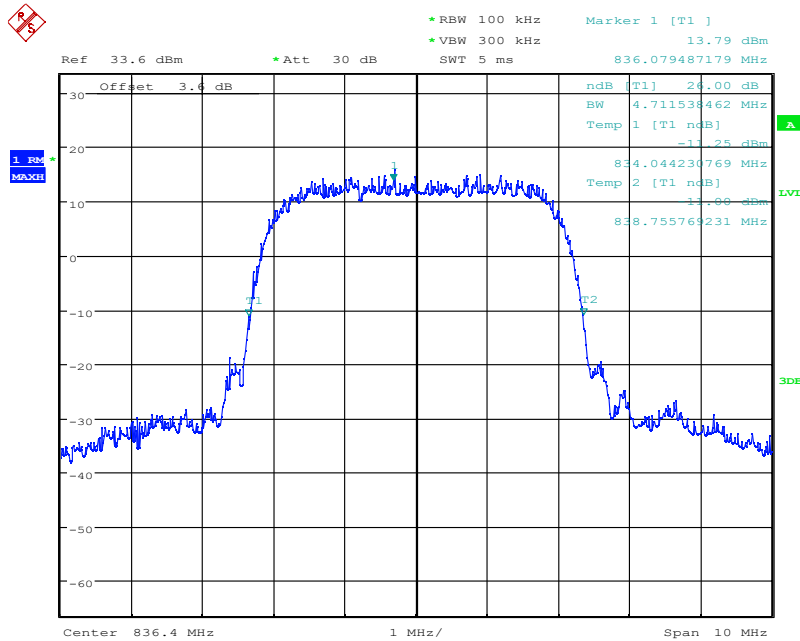


Report No.: I21W00039-WWAN_Rev3



Date: 3.NOV.2021 17:30:34

WCDMA B5 99% 16QAM



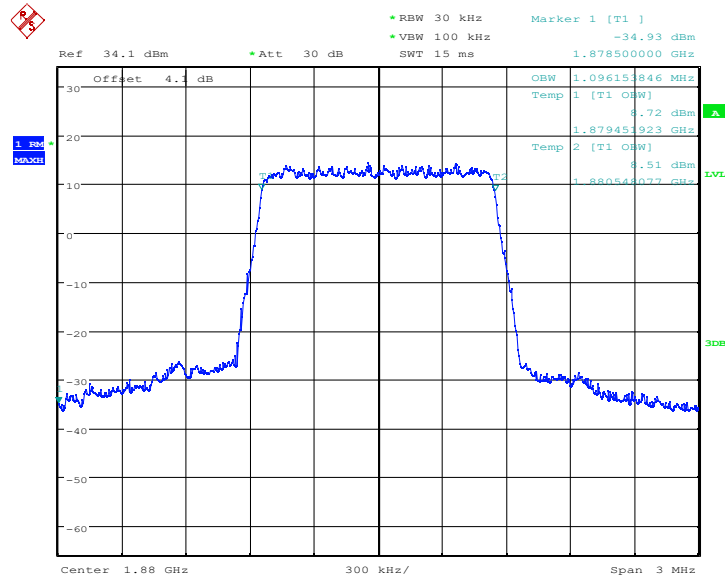
Date: 3.NOV.2021 17:30:23

WCDMA B5 -26dBc 16QAM

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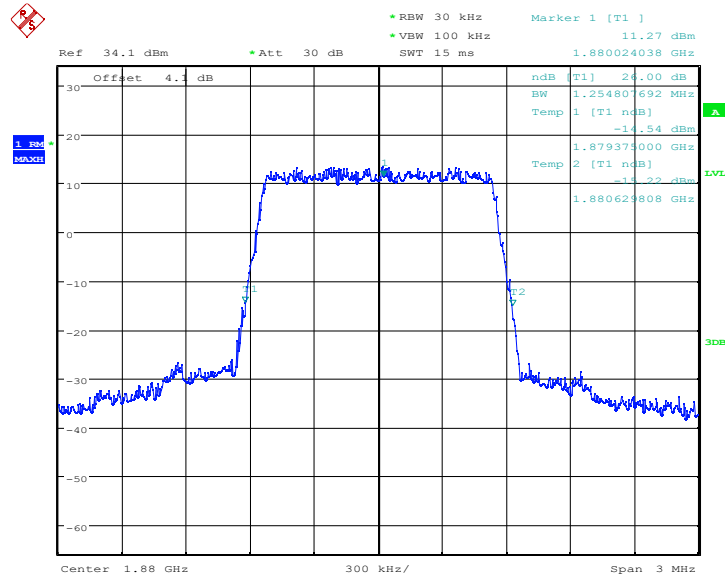
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Graphical results for LTE B2:



Date: 3.NOV.2021 16:17:35

LTE Band2 QPSK 99% Channel 18900 BW=1.4MHz RB=6 RB Offset=0



Date: 3.NOV.2021 16:17:49

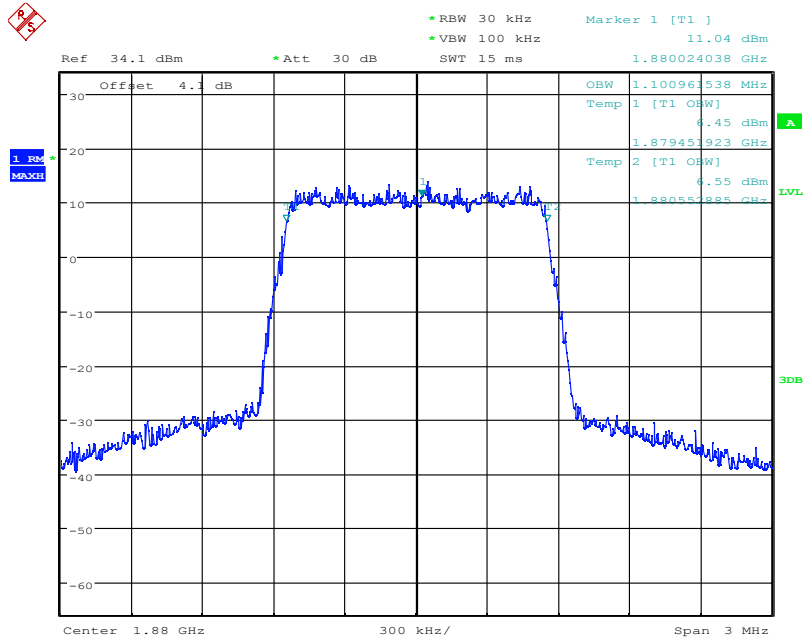
LTE Band2 QPSK -26dBc Channel 18900 BW=1.4MHz RB=6 RB Offset=0

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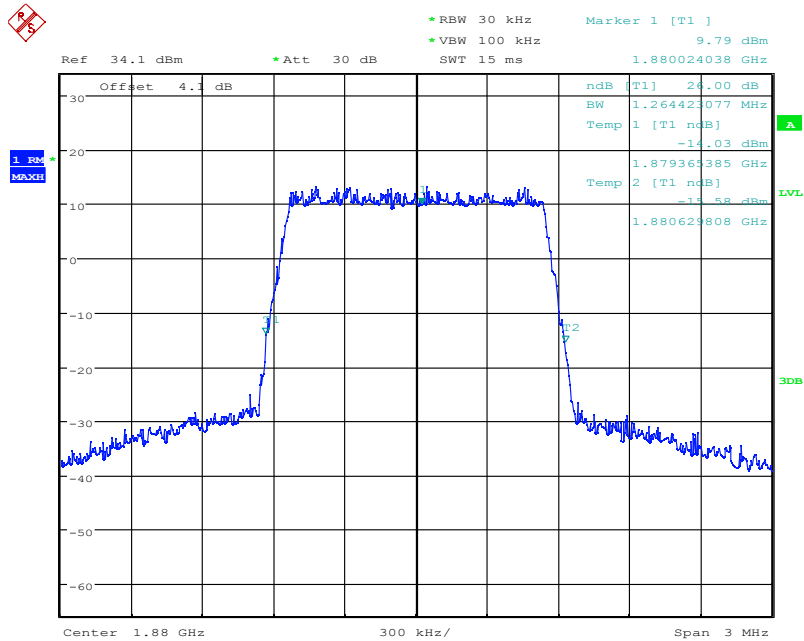


Report No.: I21W00039-WWAN_Rev3



Date: 3.NOV.2021 16:18:13

LTE Band2 16QAM 99% Channel 18900 BW=1.4MHz RB=6 RB Offset=0



Date: 3.NOV.2021 16:18:03

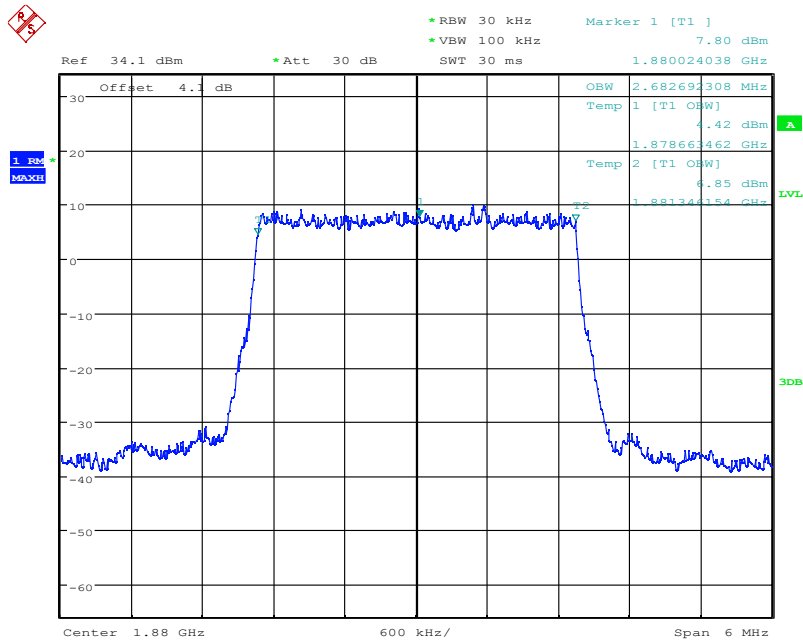
LTE Band2 16QAM -26dBc Channel 18900 BW=1.4MHz RB=6 RB Offset=0

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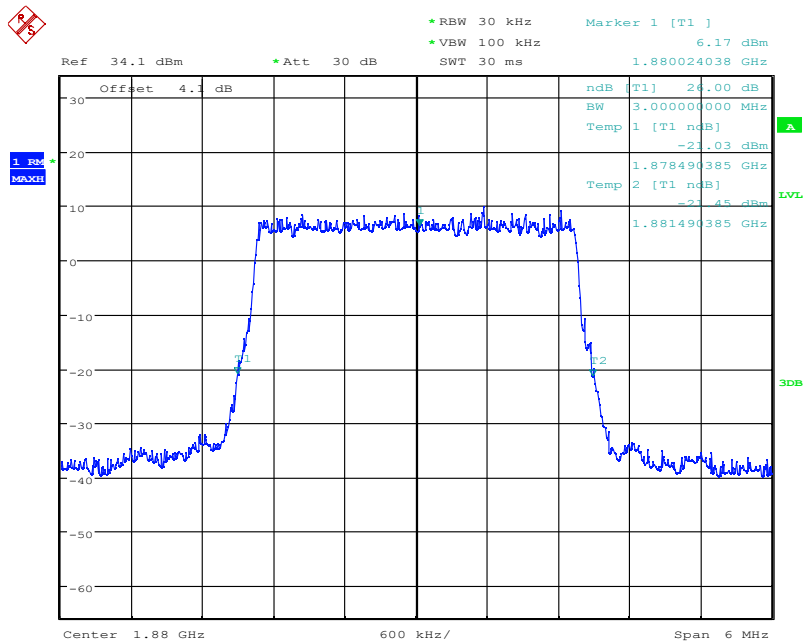


Report No.: I21W00039-WWAN_Rev3



Date: 3.NOV.2021 16:19:00

LTE Band2 QPSK 99% Channel 18900 BW=3MHz RB=15 RB Offset=0



Date: 3.NOV.2021 16:19:09

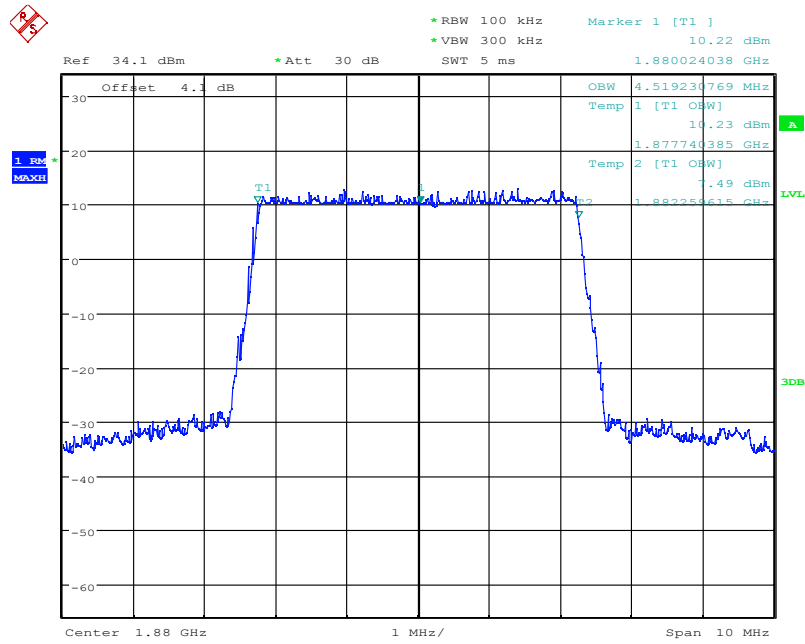
LTE Band2 QPSK -26dBc Channel 18900 BW=3MHz RB=15 RB Offset=0

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Tel: 0086-23-88069965 FAX: 0086-23-88608777

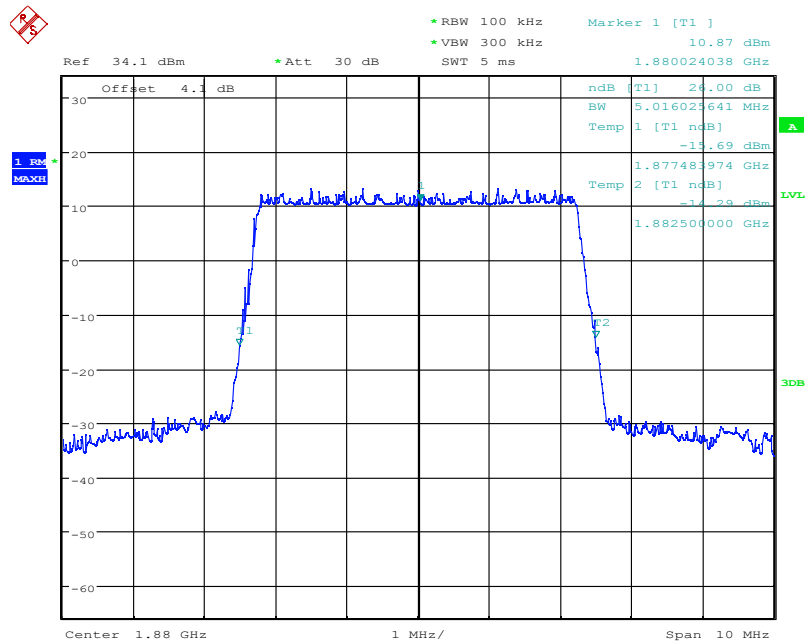


Report No.: I21W00039-WWAN_Rev3



Date: 3.NOV.2021 16:20:49

LTE Band2 QPSK 99% Channel 18900 BW=5MHz RB=25 RB Offset=0



Date: 3.NOV.2021 16:20:39

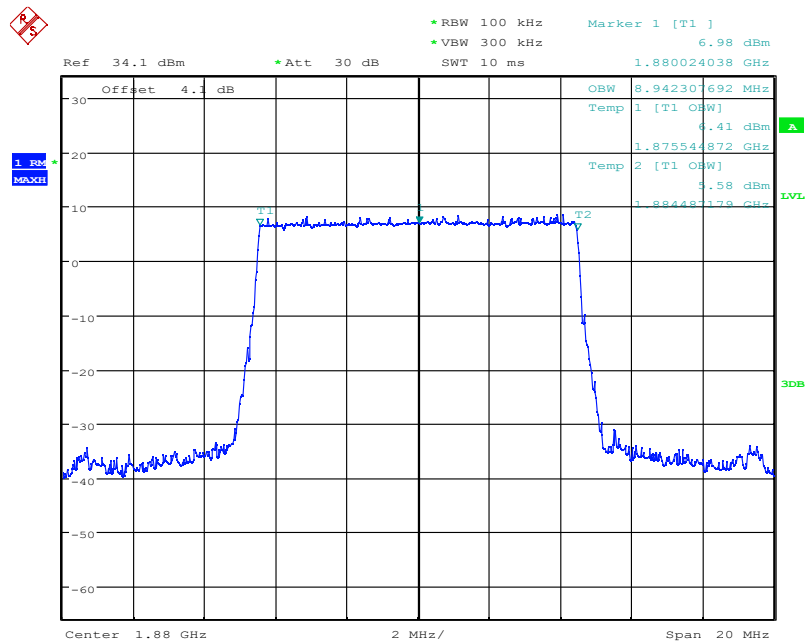
LTE Band2 QPSK -26dBc Channel 18900 BW=5MHz RB=25 RB Offset=0

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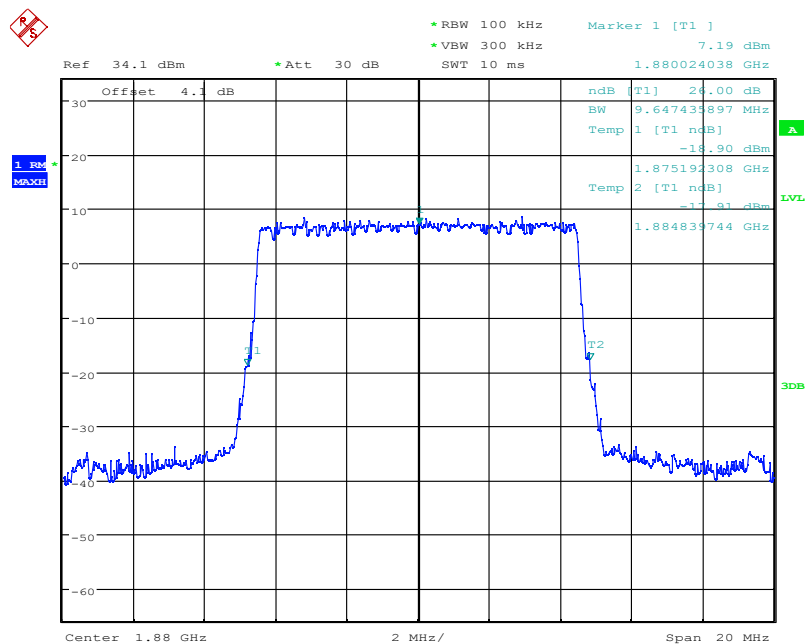


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Date: 3.NOV.2021 16:21:07

LTE Band2 QPSK 99% Channel 18900 BW=10MHz RB=50 RB Offset=0



Date: 3.NOV.2021 16:21:15

LTE Band2 QPSK -26dBc Channel 18900 BW=10MHz RB=50 RB Offset=0

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