RF TEST REPORT

Applicant	Quectel Wireless Solutions Co., Ltd.
FCC ID	XMR2020AG525RGL
Product	LTE Module
Brand	Quectel
Model	AG525R-GL
Report No.	R2008A0573-R3V1
Issue Date	November 12, 2020

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR47 Part 2 (2019)/ FCC CFR 47 Part 24E (2019)**. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Peng Tao

Prepared by: Peng Tao

Kai Xu

Approved by: Kai Xu

TA Technology (Shanghai) Co., Ltd.

No.145, Jintang Rd, Tangzhen Industry Park, Pudong Shanghai, China

TEL: +86-021-50791141/2/3

FAX: +86-021-50791141/2/3-8000

TABLE OF CONTENT

1. Test Laboratory 5
1.1. Notes of the test report 5
1.2. Test facility 5
1.3. Testing Location 5
2. General Description of Equipment under Test 6
2.3. Applicant and Manufacturer Information 6
2.4. General information 6
3. Applied Standards 8
4. Test Configuration 9
5. Test Case Results 11
5.1. RF Power Output and Effective Isotropic Radiated Power 11
5.2. Occupied Bandwidth 31
5.3. Band Edge Compliance 56
5.4. Peak-to-Average Power Ratio (PAPR) 83
5.5. Frequency Stability 88
5.6. Spurious Emissions at Antenna Terminals 96
5.7. Radiates Spurious Emission 106
6. Main Test Instruments 113
ANNEX A: The EUT Appearance 114
ANNEX B: Test Setup Photos 115

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

Version	Revision description	Issue Date
Rev.0	/	October 26, 2020
Rev.1	Update description in Chapter 5.1. Update data in Chapter 5.4.	November 12, 2020
Note This revised report (Report No. R2008A0573-R3V1) supersedes and replaces the previously issued report (Report No. R2008A0573-R3). Please discard or destroy the previously issued report and dispose of it accordingly.		

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

Summary of measurement results

No.	Test Case	Clause in FCC rules	Verdict
1	RF Power Output and Effective Isotropic Radiated Power	2.1046 24.232(c)	PASS
2	Occupied Bandwidth	2.1049	PASS
3	Band Edge Compliance	2.1051 /24.238(a)	PASS
4	Peak-to-Average Power Ratio	24.232/KDB 971168 D01(5.7)	PASS
5	Frequency Stability	2.1055 / 24.235	PASS
6	Spurious Emissions at Antenna Terminals	2.1051 / 24.238(a)	PASS
7	Radiates Spurious Emission	2.1053 / 24.238(a)	PASS
Date of Testing: August 24, 2020~ October 21, 2020 and November 10, 2020 ~ November 11, 2020			
Date of Sample Received: August 24, 2020			
Note: PASS: The EUT complies with the essential requirements in the standard. FAIL: The EUT does not comply with the essential requirements in the standard. All indications of Pass/Fail in this report are opinions expressed by TA Technology (Shanghai) Co., Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only.			

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

1. Test Laboratory

1.1. Notes of the test report

This report shall not be reproduced in full or partial, without the written approval of **TA technology (shanghai) co., Ltd.** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein .Measurement Uncertainties were not taken into account and are published for informational purposes only. This report is written to support regulatory compliance of the applicable standards stated above.

1.2. Test facility

FCC (Designation number: CN1179, Test Firm Registration Number: 446626)

TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

A2LA (Certificate Number: 3857.01)

TA Technology (Shanghai) Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.

1.3. Testing Location

Company:	TA Technology (Shanghai) Co., Ltd.
Address:	No.145, Jintang Rd, Tangzhen Industry Park, Pudong
City:	Shanghai
Post code:	201201
Country:	P. R. China
Contact:	Xu Kai
Telephone:	+86-021-50791141/2/3
Fax:	+86-021-50791141/2/3-8000
Website:	http://www.ta-shanghai.com
E-mail:	xukai@ta-shanghai.com

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

2. General Description of Equipment under Test

2.3. Applicant and Manufacturer Information

Applicant	Quectel Wireless Solutions Co., Ltd.
Applicant address	Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China, 200233
Manufacturer	Quectel Wireless Solutions Co., Ltd.
Manufacturer address	Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China, 200233

2.4. General information

EUT Description		
Model	AG525R-GL	
IMEI	864228040006472	
Hardware Version	R1.0	
Software Version	AG525RGLAAR01A05M4G	
Power Supply	External Power Supply	
Antenna Type	External Antenna	
Antenna Gain	Frequency(MHz)	Gain (dBi)
	1850	1.54
	1860	1.24
	1870	1.51
	1880	2.40
	1890	2.57
	1900	2.70
	1910	1.86
Test Mode(s)	GSM1900; WCDMA Band II; LTE Band 2/25;	
Test Modulation	(GSM/GPRS)GMSK, (EGPRS) GMSK/ 8PSK; (WCDMA) BPSK, QPSK,16QAM; (LTE)QPSK,16QAM 64QAM	
GPRS Multislot Class	33	
EGPRS Multislot Class	33	
HSDPA UE Category	24	
HSUPA UE Category	6	
DC-HSDPA UE Category	24	
HSPA+ UE Category	6	
LTE Category	12	
Maximum E.I.R.P	GSM 1900:	32.04dBm
	WCDMA Band II:	25.33dBm
	LTE Band 2:	26.13dBm
	LTE Band 25:	26.10dBm

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

Rated Power Supply Voltage	3.8V		
Extreme Voltage	Minimum: 3.3V Maximum: 4.3V		
Extreme Temperature	Lowest: -30°C Highest: +50°C		
Operating Voltage	Minimum: 3.3V Maximum: 4.3V		
Operating Temperature	Lowest: -40°C Highest: +85°C		
Operating Frequency Range(s)	Band	Tx (MHz)	Rx (MHz)
	GSM1900	1850 ~ 1910	1930 ~ 1990
	WCDMA Band II	1850 ~ 1910	1930 ~ 1990
	LTE Band 2	1850 ~ 1910	1930 ~ 1990
	LTE Band 25	1850 ~ 1915	1930 ~ 1995
Note: 1. The EUT is sent from the applicant to TA and the information of the EUT is declared by the applicant.			

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

3. Applied Standards

According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

Test standards:

FCC CFR 47 Part 24E (2019)

ANSI C63.26 (2015)

Reference standard:

FCC CFR47 Part 2 (2019)

KDB 971168 D01 Power Meas License Digital Systems v03r01

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

4. Test Configuration

Radiated measurements are performed by rotating the EUT in three different orthogonal test planes. EUT stand-up position (Z axis), lie-down position (X, Y axis). Receiver antenna polarization (horizontal and vertical), the worst emission was found in position (Z axis, vertical polarization) and the worst case was recorded.

All mode and data rates and positions and RB size and modulations were investigated.
Subsequently, only the worst case emissions are reported.
The following testing in GSM/WCDMA/LTE is set based on the maximum RF Output Power.

Test modes are chosen to be reported as the worst case configuration below:

Test items	**Modes/Modulation**	
	GSM 1900	WCDMA Band II
RF Power Output and Effective Isotropic Radiated Power	GSM GPRS EGPRS	RMC HSDPA/HSUPA DC-HSDPA/HSPA+
Occupied Bandwidth	GSM GPRS(1Tx slot) EGPRS(1Tx slot)	RMC
Band Edge Compliance	GSM GPRS(1Tx slot) EGPRS(1Tx slot)	RMC
Peak-to-Average Power Ratio	GSM GPRS(1Tx slot) EGPRS(1Tx slot)	RMC
Frequency Stability	GSM GPRS(1Tx slot) EGPRS(1Tx slot)	RMC
Spurious Emissions at Antenna Terminals	GSM	RMC
Radiates Spurious Emission	GSM	RMC

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

Test modes are chosen to be reported as the worst case configuration below for LTE Band 2/25:

Test items	Bandwidth (MHz)						Modulation			RB			Test Channel		
	1.4	3	5	10	15	20	QPSK	16QAM	64QAM	1	50%	100%	L	M	H
RF Power Output and Effective Isotropic Radiated Power	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Occupied Bandwidth	O	O	O	O	O	O	O	O	O	-	-	O	O	O	O
Band Edge Compliance	O	O	O	O	O	O	O	O	O	O	-	O	O	-	O
Peak-to-Average Power Ratio	O	O	O	O	O	O	O	O	O	-	-	O	O	O	O
Frequency Stability	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Conducted Spurious Emissions	O	O	O	O	O	O	O	-	-	O	-	-	O	O	O
Radiates Spurious Emission	O	-	O	-	-	O	O	-	-	O	-	-	-	O	-
Note	1. The mark “O” means that this configuration is chosen for testing. 2. The mark “-” means that this configuration is not testing.														

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

5. Test Case Results

5.1. RF Power Output and Effective Isotropic Radiated Power

Ambient condition

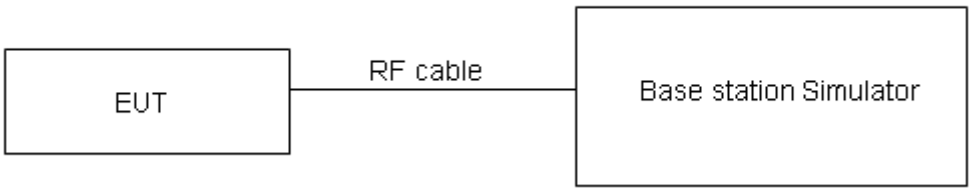
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Methods of Measurement

During the process of the testing, The EUT was connected to the Base Station Simulator with a known loss. The EUT is controlled by the Base Station Simulator test set to ensure max power transmission with proper modulation.

ERP can then be calculated as follows:
EIRP (dBm) = Output Power (dBm) - Losses (dB) + Antenna Gain (dBi)
where:dBd refers to gain relative to an ideal dipole.
EIRP (dBm) = ERP (dBm) + 2.15 (dB).

Test Setup



Limits

No specific RF power output requirements in part 2.1046.

Rule Part 24.232(c) Mobile and portable stations are limited to 2 watts EIRP.
Rule Part 24.232(e) Peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

Limit	⩽ 2 W (33 dBm)

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U= 0.4 dB for RF power output, k = 2, U= 1.19 dB for EIRP.

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

Test Results

GSM 1900		Maximum Output Power (dBm)			EIRP (dBm)		
		Channel 512	Channel 661	Channel 810	Channel 512	Channel 661	Channel 810
		1850.2 (MHz)	1880 (MHz)	1909.8 (MHz)	1850.2 (MHz)	1880 (MHz)	1909.8 (MHz)
GSM(GMSK)	Results	29.71	29.64	29.52	31.25	32.04	31.38
GPRS (GMSK)	1TXslot	29.64	29.50	29.36	31.18	31.90	31.22
	2TXslots	29.01	28.97	28.83	30.55	31.37	30.69
	3TXslots	26.52	26.62	26.47	28.06	29.02	28.33
	4TXslots	25.56	25.37	25.25	27.10	27.77	27.11
EGPRS (8PSK)	1TXslot	25.72	25.57	25.63	27.26	27.97	27.49
	2TXslots	25.51	25.45	25.34	27.05	27.85	27.20
	3TXslots	23.34	23.46	23.31	24.88	25.86	25.17
	4TXslots	22.39	22.19	22.08	23.93	24.59	23.94

WCDMA Band II		Maximum Output Power (dBm)			EIRP (dBm)		
		Channel 9262	Channel 9400	Channel 9538	Channel 9262	Channel 9400	Channel 9538
		1852.4 (MHz)	1880 (MHz)	1907.6 (MHz)	1852.4 (MHz)	1880 (MHz)	1907.6 (MHz)
RMC		22.89	22.93	22.86	24.43	25.33	24.72
HSDPA	Sub - Test 1	22.35	22.35	22.30	23.89	24.75	24.16
	Sub - Test 2	22.34	22.37	22.27	23.88	24.77	24.13
	Sub - Test 3	21.81	21.87	21.79	23.35	24.27	23.65
	Sub - Test 4	21.82	21.88	21.77	23.36	24.28	23.63
HSUPA	Sub - Test 1	22.31	22.34	22.25	23.85	24.74	24.11
	Sub - Test 2	21.30	21.32	21.24	22.84	23.72	23.10
	Sub - Test 3	21.77	21.80	21.73	23.31	24.20	23.59
	Sub - Test 4	21.23	21.29	21.21	22.77	23.69	23.07
	Sub - Test 5	22.24	22.27	22.19	23.78	24.67	24.05
DC-HSDPA	Sub - Test 1	22.23	22.29	22.20	23.77	24.69	24.06
	Sub - Test 2	22.22	22.28	22.19	23.76	24.68	24.05
	Sub - Test 3	21.80	21.77	21.70	23.34	24.17	23.56
	Sub - Test 4	21.79	21.76	21.69	23.33	24.16	23.55
HSPA+	16QAM	21.78	21.84	21.76	23.32	24.24	23.62

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)	Verdict
LTE Band2	1.4	18607	1	#0	QPSK	23.31	24.55	PASS
LTE Band2	1.4	18607	1	#Mid	QPSK	23.38	24.62	PASS
LTE Band2	1.4	18607	1	#Max	QPSK	23.31	24.55	PASS
LTE Band2	1.4	18607	3	#0	QPSK	23.14	24.38	PASS
LTE Band2	1.4	18607	3	#Mid	QPSK	23.16	24.40	PASS
LTE Band2	1.4	18607	3	#Max	QPSK	23.17	24.41	PASS
LTE Band2	1.4	18607	6	#0	QPSK	22.27	23.51	PASS
LTE Band2	1.4	18607	1	#0	QAM16	22.23	23.47	PASS
LTE Band2	1.4	18607	1	#Mid	QAM16	22.34	23.58	PASS
LTE Band2	1.4	18607	1	#Max	QAM16	22.26	23.50	PASS
LTE Band2	1.4	18607	3	#0	QAM16	22.36	23.60	PASS
LTE Band2	1.4	18607	3	#Mid	QAM16	22.38	23.62	PASS
LTE Band2	1.4	18607	3	#Max	QAM16	22.42	23.66	PASS
LTE Band2	1.4	18607	6	#0	QAM16	21.29	22.53	PASS
LTE Band2	1.4	18607	1	#0	QAM64	21.07	22.31	PASS
LTE Band2	1.4	18607	1	#Mid	QAM64	20.99	22.23	PASS
LTE Band2	1.4	18607	1	#Max	QAM64	21.05	22.29	PASS
LTE Band2	1.4	18607	3	#0	QAM64	19.96	21.20	PASS
LTE Band2	1.4	18607	3	#Mid	QAM64	19.87	21.11	PASS
LTE Band2	1.4	18607	3	#Max	QAM64	20.01	21.25	PASS
LTE Band2	1.4	18607	6	#0	QAM64	19.93	21.17	PASS
LTE Band2	1.4	18900	1	#0	QPSK	23.01	25.41	PASS
LTE Band2	1.4	18900	1	#Mid	QPSK	23.16	25.56	PASS
LTE Band2	1.4	18900	1	#Max	QPSK	23.06	25.46	PASS
LTE Band2	1.4	18900	3	#0	QPSK	22.99	25.39	PASS
LTE Band2	1.4	18900	3	#Mid	QPSK	23.03	25.43	PASS
LTE Band2	1.4	18900	3	#Max	QPSK	23.04	25.44	PASS
LTE Band2	1.4	18900	6	#0	QPSK	22.19	24.59	PASS
LTE Band2	1.4	18900	1	#0	QAM16	22.23	24.63	PASS
LTE Band2	1.4	18900	1	#Mid	QAM16	22.35	24.75	PASS
LTE Band2	1.4	18900	1	#Max	QAM16	22.30	24.70	PASS
LTE Band2	1.4	18900	3	#0	QAM16	22.15	24.55	PASS
LTE Band2	1.4	18900	3	#Mid	QAM16	22.15	24.55	PASS
LTE Band2	1.4	18900	3	#Max	QAM16	22.15	24.55	PASS
LTE Band2	1.4	18900	6	#0	QAM16	21.14	23.54	PASS
LTE Band2	1.4	18900	1	#0	QAM64	21.15	23.55	PASS
LTE Band2	1.4	18900	1	#Mid	QAM64	20.92	23.32	PASS
LTE Band2	1.4	18900	1	#Max	QAM64	21.09	23.49	PASS
LTE Band2	1.4	18900	3	#0	QAM64	19.92	22.32	PASS
LTE Band2	1.4	18900	3	#Mid	QAM64	19.93	22.33	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band2	1.4	18900	3	#Max	QAM64	19.93	22.33	PASS
LTE Band2	1.4	18900	6	#0	QAM64	19.93	22.33	PASS
LTE Band2	1.4	19193	1	#0	QPSK	23.16	25.02	PASS
LTE Band2	1.4	19193	1	#Mid	QPSK	23.22	25.08	PASS
LTE Band2	1.4	19193	1	#Max	QPSK	23.16	25.02	PASS
LTE Band2	1.4	19193	3	#0	QPSK	23.04	24.90	PASS
LTE Band2	1.4	19193	3	#Mid	QPSK	23.01	24.87	PASS
LTE Band2	1.4	19193	3	#Max	QPSK	23.01	24.87	PASS
LTE Band2	1.4	19193	6	#0	QPSK	22.17	24.03	PASS
LTE Band2	1.4	19193	1	#0	QAM16	21.97	23.83	PASS
LTE Band2	1.4	19193	1	#Mid	QAM16	22.03	23.89	PASS
LTE Band2	1.4	19193	1	#Max	QAM16	22.04	23.90	PASS
LTE Band2	1.4	19193	3	#0	QAM16	22.10	23.96	PASS
LTE Band2	1.4	19193	3	#Mid	QAM16	22.10	23.96	PASS
LTE Band2	1.4	19193	3	#Max	QAM16	22.09	23.95	PASS
LTE Band2	1.4	19193	6	#0	QAM16	21.10	22.96	PASS
LTE Band2	1.4	19193	1	#0	QAM64	21.08	22.94	PASS
LTE Band2	1.4	19193	1	#Mid	QAM64	20.95	22.81	PASS
LTE Band2	1.4	19193	1	#Max	QAM64	21.01	22.87	PASS
LTE Band2	1.4	19193	3	#0	QAM64	19.90	21.76	PASS
LTE Band2	1.4	19193	3	#Mid	QAM64	19.91	21.77	PASS
LTE Band2	1.4	19193	3	#Max	QAM64	19.97	21.83	PASS
LTE Band2	1.4	19193	6	#0	QAM64	19.99	21.85	PASS
LTE Band2	3	18615	1	#0	QPSK	23.17	24.71	PASS
LTE Band2	3	18615	1	#Mid	QPSK	23.29	24.83	PASS
LTE Band2	3	18615	1	#Max	QPSK	23.21	24.75	PASS
LTE Band2	3	18615	8	#0	QPSK	22.34	23.88	PASS
LTE Band2	3	18615	8	#Mid	QPSK	22.34	23.88	PASS
LTE Band2	3	18615	8	#Max	QPSK	22.38	23.92	PASS
LTE Band2	3	18615	15	#0	QPSK	22.35	23.89	PASS
LTE Band2	3	18615	1	#0	QAM16	22.43	23.97	PASS
LTE Band2	3	18615	1	#Mid	QAM16	22.55	24.09	PASS
LTE Band2	3	18615	1	#Max	QAM16	22.46	24.00	PASS
LTE Band2	3	18615	8	#0	QAM16	21.35	22.89	PASS
LTE Band2	3	18615	8	#Mid	QAM16	21.36	22.90	PASS
LTE Band2	3	18615	8	#Max	QAM16	21.35	22.89	PASS
LTE Band2	3	18615	15	#0	QAM16	21.36	22.90	PASS
LTE Band2	3	18615	1	#0	QAM64	21.09	22.63	PASS
LTE Band2	3	18615	1	#Mid	QAM64	21.02	22.56	PASS
LTE Band2	3	18615	1	#Max	QAM64	21.08	22.62	PASS
LTE Band2	3	18615	8	#0	QAM64	20.04	21.58	PASS
LTE Band2	3	18615	8	#Mid	QAM64	19.97	21.51	PASS
LTE Band2	3	18615	8	#Max	QAM64	20.09	21.63	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band2	3	18615	15	#0	QAM64	19.96	21.50	PASS
LTE Band2	3	18900	1	#0	QPSK	23.01	25.41	PASS
LTE Band2	3	18900	1	#Mid	QPSK	23.19	25.59	PASS
LTE Band2	3	18900	1	#Max	QPSK	23.11	25.51	PASS
LTE Band2	3	18900	8	#0	QPSK	22.19	24.59	PASS
LTE Band2	3	18900	8	#Mid	QPSK	22.19	24.59	PASS
LTE Band2	3	18900	8	#Max	QPSK	22.28	24.68	PASS
LTE Band2	3	18900	15	#0	QPSK	22.25	24.65	PASS
LTE Band2	3	18900	1	#0	QAM16	22.22	24.62	PASS
LTE Band2	3	18900	1	#Mid	QAM16	22.39	24.79	PASS
LTE Band2	3	18900	1	#Max	QAM16	22.30	24.70	PASS
LTE Band2	3	18900	8	#0	QAM16	21.20	23.60	PASS
LTE Band2	3	18900	8	#Mid	QAM16	21.22	23.62	PASS
LTE Band2	3	18900	8	#Max	QAM16	21.28	23.68	PASS
LTE Band2	3	18900	15	#0	QAM16	21.18	23.58	PASS
LTE Band2	3	18900	1	#0	QAM64	21.19	23.59	PASS
LTE Band2	3	18900	1	#Mid	QAM64	20.97	23.37	PASS
LTE Band2	3	18900	1	#Max	QAM64	21.14	23.54	PASS
LTE Band2	3	18900	8	#0	QAM64	20.02	22.42	PASS
LTE Band2	3	18900	8	#Mid	QAM64	20.01	22.41	PASS
LTE Band2	3	18900	8	#Max	QAM64	20.02	22.42	PASS
LTE Band2	3	18900	15	#0	QAM64	19.97	22.37	PASS
LTE Band2	3	19185	1	#0	QPSK	23.18	25.04	PASS
LTE Band2	3	19185	1	#Mid	QPSK	23.34	25.20	PASS
LTE Band2	3	19185	1	#Max	QPSK	23.27	25.13	PASS
LTE Band2	3	19185	8	#0	QPSK	22.26	24.12	PASS
LTE Band2	3	19185	8	#Mid	QPSK	22.24	24.10	PASS
LTE Band2	3	19185	8	#Max	QPSK	22.31	24.17	PASS
LTE Band2	3	19185	15	#0	QPSK	22.23	24.09	PASS
LTE Band2	3	19185	1	#0	QAM16	22.02	23.88	PASS
LTE Band2	3	19185	1	#Mid	QAM16	22.09	23.95	PASS
LTE Band2	3	19185	1	#Max	QAM16	22.06	23.92	PASS
LTE Band2	3	19185	8	#0	QAM16	21.22	23.08	PASS
LTE Band2	3	19185	8	#Mid	QAM16	21.21	23.07	PASS
LTE Band2	3	19185	8	#Max	QAM16	21.28	23.14	PASS
LTE Band2	3	19185	15	#0	QAM16	21.28	23.14	PASS
LTE Band2	3	19185	1	#0	QAM64	21.11	22.97	PASS
LTE Band2	3	19185	1	#Mid	QAM64	20.99	22.85	PASS
LTE Band2	3	19185	1	#Max	QAM64	21.05	22.91	PASS
LTE Band2	3	19185	8	#0	QAM64	20.01	21.87	PASS
LTE Band2	3	19185	8	#Mid	QAM64	20.01	21.87	PASS
LTE Band2	3	19185	8	#Max	QAM64	20.05	21.91	PASS
LTE Band2	3	19185	15	#0	QAM64	20.02	21.88	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band2	5	18625	1	#0	QPSK	23.26	24.80	PASS
LTE Band2	5	18625	1	#Mid	QPSK	23.32	24.86	PASS
LTE Band2	5	18625	1	#Max	QPSK	23.18	24.72	PASS
LTE Band2	5	18625	12	#0	QPSK	22.29	23.83	PASS
LTE Band2	5	18625	12	#Mid	QPSK	22.28	23.82	PASS
LTE Band2	5	18625	12	#Max	QPSK	22.32	23.86	PASS
LTE Band2	5	18625	25	#0	QPSK	22.33	23.87	PASS
LTE Band2	5	18625	1	#0	QAM16	22.49	24.03	PASS
LTE Band2	5	18625	1	#Mid	QAM16	22.56	24.10	PASS
LTE Band2	5	18625	1	#Max	QAM16	22.48	24.02	PASS
LTE Band2	5	18625	12	#0	QAM16	21.29	22.83	PASS
LTE Band2	5	18625	12	#Mid	QAM16	21.30	22.84	PASS
LTE Band2	5	18625	12	#Max	QAM16	21.30	22.84	PASS
LTE Band2	5	18625	25	#0	QAM16	21.37	22.91	PASS
LTE Band2	5	18625	1	#0	QAM64	21.13	22.67	PASS
LTE Band2	5	18625	1	#Mid	QAM64	21.09	22.63	PASS
LTE Band2	5	18625	1	#Max	QAM64	21.14	22.68	PASS
LTE Band2	5	18625	12	#0	QAM64	20.11	21.65	PASS
LTE Band2	5	18625	12	#Mid	QAM64	20.02	21.56	PASS
LTE Band2	5	18625	12	#Max	QAM64	20.16	21.70	PASS
LTE Band2	5	18625	25	#0	QAM64	20.04	21.58	PASS
LTE Band2	5	18900	1	#0	QPSK	23.13	25.53	PASS
LTE Band2	5	18900	1	#Mid	QPSK	23.25	25.65	PASS
LTE Band2	5	18900	1	#Max	QPSK	23.16	25.56	PASS
LTE Band2	5	18900	12	#0	QPSK	22.22	24.62	PASS
LTE Band2	5	18900	12	#Mid	QPSK	22.23	24.63	PASS
LTE Band2	5	18900	12	#Max	QPSK	22.29	24.69	PASS
LTE Band2	5	18900	25	#0	QPSK	22.25	24.65	PASS
LTE Band2	5	18900	1	#0	QAM16	22.32	24.72	PASS
LTE Band2	5	18900	1	#Mid	QAM16	22.43	24.83	PASS
LTE Band2	5	18900	1	#Max	QAM16	22.36	24.76	PASS
LTE Band2	5	18900	12	#0	QAM16	21.21	23.61	PASS
LTE Band2	5	18900	12	#Mid	QAM16	21.20	23.60	PASS
LTE Band2	5	18900	12	#Max	QAM16	21.25	23.65	PASS
LTE Band2	5	18900	25	#0	QAM16	21.26	23.66	PASS
LTE Band2	5	18900	1	#0	QAM64	21.31	23.71	PASS
LTE Band2	5	18900	1	#Mid	QAM64	21.02	23.42	PASS
LTE Band2	5	18900	1	#Max	QAM64	21.21	23.61	PASS
LTE Band2	5	18900	12	#0	QAM64	20.06	22.46	PASS
LTE Band2	5	18900	12	#Mid	QAM64	20.06	22.46	PASS
LTE Band2	5	18900	12	#Max	QAM64	20.12	22.52	PASS
LTE Band2	5	18900	25	#0	QAM64	20.06	22.46	PASS
LTE Band2	5	19175	1	#0	QPSK	23.00	24.86	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band2	5	19175	1	#Mid	QPSK	23.19	25.05	PASS
LTE Band2	5	19175	1	#Max	QPSK	23.08	24.94	PASS
LTE Band2	5	19175	12	#0	QPSK	22.15	24.01	PASS
LTE Band2	5	19175	12	#Mid	QPSK	22.15	24.01	PASS
LTE Band2	5	19175	12	#Max	QPSK	22.25	24.11	PASS
LTE Band2	5	19175	25	#0	QPSK	22.18	24.04	PASS
LTE Band2	5	19175	1	#0	QAM16	22.34	24.20	PASS
LTE Band2	5	19175	1	#Mid	QAM16	22.46	24.32	PASS
LTE Band2	5	19175	1	#Max	QAM16	22.35	24.21	PASS
LTE Band2	5	19175	12	#0	QAM16	21.22	23.08	PASS
LTE Band2	5	19175	12	#Mid	QAM16	21.23	23.09	PASS
LTE Band2	5	19175	12	#Max	QAM16	21.30	23.16	PASS
LTE Band2	5	19175	25	#0	QAM16	21.19	23.05	PASS
LTE Band2	5	19175	1	#0	QAM64	21.16	23.02	PASS
LTE Band2	5	19175	1	#Mid	QAM64	21.06	22.92	PASS
LTE Band2	5	19175	1	#Max	QAM64	21.14	23.00	PASS
LTE Band2	5	19175	12	#0	QAM64	20.07	21.93	PASS
LTE Band2	5	19175	12	#Mid	QAM64	20.05	21.91	PASS
LTE Band2	5	19175	12	#Max	QAM64	20.05	21.91	PASS
LTE Band2	5	19175	25	#0	QAM64	20.03	21.89	PASS
LTE Band2	10	18650	1	#0	QPSK	23.10	24.34	PASS
LTE Band2	10	18650	1	#Mid	QPSK	23.03	24.27	PASS
LTE Band2	10	18650	1	#Max	QPSK	23.02	24.26	PASS
LTE Band2	10	18650	25	#0	QPSK	22.30	23.54	PASS
LTE Band2	10	18650	25	#Mid	QPSK	22.31	23.55	PASS
LTE Band2	10	18650	25	#Max	QPSK	22.21	23.45	PASS
LTE Band2	10	18650	50	#0	QPSK	22.22	23.46	PASS
LTE Band2	10	18650	1	#0	QAM16	22.45	23.69	PASS
LTE Band2	10	18650	1	#Mid	QAM16	22.31	23.55	PASS
LTE Band2	10	18650	1	#Max	QAM16	22.45	23.69	PASS
LTE Band2	10	18650	25	#0	QAM16	21.41	22.65	PASS
LTE Band2	10	18650	25	#Mid	QAM16	21.41	22.65	PASS
LTE Band2	10	18650	25	#Max	QAM16	21.40	22.64	PASS
LTE Band2	10	18650	50	#0	QAM16	21.28	22.52	PASS
LTE Band2	10	18650	1	#0	QAM64	21.08	22.32	PASS
LTE Band2	10	18650	1	#Mid	QAM64	21.03	22.27	PASS
LTE Band2	10	18650	1	#Max	QAM64	21.07	22.31	PASS
LTE Band2	10	18650	25	#0	QAM64	20.04	21.28	PASS
LTE Band2	10	18650	25	#Mid	QAM64	19.98	21.22	PASS
LTE Band2	10	18650	25	#Max	QAM64	20.09	21.33	PASS
LTE Band2	10	18650	50	#0	QAM64	20.02	21.26	PASS
LTE Band2	10	18900	1	#0	QPSK	23.05	25.45	PASS
LTE Band2	10	18900	1	#Mid	QPSK	23.02	25.42	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band2	10	18900	1	#Max	QPSK	23.02	25.42	PASS
LTE Band2	10	18900	25	#0	QPSK	22.26	24.66	PASS
LTE Band2	10	18900	25	#Mid	QPSK	22.26	24.66	PASS
LTE Band2	10	18900	25	#Max	QPSK	22.21	24.61	PASS
LTE Band2	10	18900	50	#0	QPSK	22.22	24.62	PASS
LTE Band2	10	18900	1	#0	QAM16	22.24	24.64	PASS
LTE Band2	10	18900	1	#Mid	QAM16	22.24	24.64	PASS
LTE Band2	10	18900	1	#Max	QAM16	22.19	24.59	PASS
LTE Band2	10	18900	25	#0	QAM16	21.30	23.70	PASS
LTE Band2	10	18900	25	#Mid	QAM16	21.30	23.70	PASS
LTE Band2	10	18900	25	#Max	QAM16	21.26	23.66	PASS
LTE Band2	10	18900	50	#0	QAM16	21.23	23.63	PASS
LTE Band2	10	18900	1	#0	QAM64	21.18	23.58	PASS
LTE Band2	10	18900	1	#Mid	QAM64	20.98	23.38	PASS
LTE Band2	10	18900	1	#Max	QAM64	21.13	23.53	PASS
LTE Band2	10	18900	25	#0	QAM64	20.02	22.42	PASS
LTE Band2	10	18900	25	#Mid	QAM64	20.02	22.42	PASS
LTE Band2	10	18900	25	#Max	QAM64	20.04	22.44	PASS
LTE Band2	10	18900	50	#0	QAM64	19.98	22.38	PASS
LTE Band2	10	19150	1	#0	QPSK	23.22	25.08	PASS
LTE Band2	10	19150	1	#Mid	QPSK	23.10	24.96	PASS
LTE Band2	10	19150	1	#Max	QPSK	23.10	24.96	PASS
LTE Band2	10	19150	25	#0	QPSK	22.24	24.10	PASS
LTE Band2	10	19150	25	#Mid	QPSK	22.25	24.11	PASS
LTE Band2	10	19150	25	#Max	QPSK	22.18	24.04	PASS
LTE Band2	10	19150	50	#0	QPSK	22.22	24.08	PASS
LTE Band2	10	19150	1	#0	QAM16	22.12	23.98	PASS
LTE Band2	10	19150	1	#Mid	QAM16	21.87	23.73	PASS
LTE Band2	10	19150	1	#Max	QAM16	21.90	23.76	PASS
LTE Band2	10	19150	25	#0	QAM16	21.31	23.17	PASS
LTE Band2	10	19150	25	#Mid	QAM16	21.31	23.17	PASS
LTE Band2	10	19150	25	#Max	QAM16	21.22	23.08	PASS
LTE Band2	10	19150	50	#0	QAM16	21.23	23.09	PASS
LTE Band2	10	19150	1	#0	QAM64	21.10	22.96	PASS
LTE Band2	10	19150	1	#Mid	QAM64	21.00	22.86	PASS
LTE Band2	10	19150	1	#Max	QAM64	21.04	22.90	PASS
LTE Band2	10	19150	25	#0	QAM64	20.01	21.87	PASS
LTE Band2	10	19150	25	#Mid	QAM64	20.00	21.86	PASS
LTE Band2	10	19150	25	#Max	QAM64	20.06	21.92	PASS
LTE Band2	10	19150	50	#0	QAM64	20.04	21.90	PASS
LTE Band2	15	18675	1	#0	QPSK	23.37	24.61	PASS
LTE Band2	15	18675	1	#Mid	QPSK	23.25	24.49	PASS
LTE Band2	15	18675	1	#Max	QPSK	23.23	24.47	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band2	15	18675	36	#0	QPSK	22.45	23.69	PASS
LTE Band2	15	18675	36	#Mid	QPSK	22.47	23.71	PASS
LTE Band2	15	18675	36	#Max	QPSK	22.42	23.66	PASS
LTE Band2	15	18675	75	#0	QPSK	22.43	23.67	PASS
LTE Band2	15	18675	1	#0	QAM16	22.63	23.87	PASS
LTE Band2	15	18675	1	#Mid	QAM16	22.57	23.81	PASS
LTE Band2	15	18675	1	#Max	QAM16	22.65	23.89	PASS
LTE Band2	15	18675	36	#0	QAM16	21.45	22.69	PASS
LTE Band2	15	18675	36	#Mid	QAM16	21.41	22.65	PASS
LTE Band2	15	18675	36	#Max	QAM16	21.40	22.64	PASS
LTE Band2	15	18675	75	#0	QAM16	21.44	22.68	PASS
LTE Band2	15	18675	1	#0	QAM64	21.07	22.31	PASS
LTE Band2	15	18675	1	#Mid	QAM64	21.01	22.25	PASS
LTE Band2	15	18675	1	#Max	QAM64	21.04	22.28	PASS
LTE Band2	15	18675	36	#0	QAM64	20.02	21.26	PASS
LTE Band2	15	18675	36	#Mid	QAM64	19.95	21.19	PASS
LTE Band2	15	18675	36	#Max	QAM64	20.06	21.30	PASS
LTE Band2	15	18675	75	#0	QAM64	20.00	21.24	PASS
LTE Band2	15	18900	1	#0	QPSK	23.32	25.72	PASS
LTE Band2	15	18900	1	#Mid	QPSK	23.31	25.71	PASS
LTE Band2	15	18900	1	#Max	QPSK	23.27	25.67	PASS
LTE Band2	15	18900	36	#0	QPSK	22.45	24.85	PASS
LTE Band2	15	18900	36	#Mid	QPSK	22.44	24.84	PASS
LTE Band2	15	18900	36	#Max	QPSK	22.45	24.85	PASS
LTE Band2	15	18900	75	#0	QPSK	22.43	24.83	PASS
LTE Band2	15	18900	1	#0	QAM16	22.52	24.92	PASS
LTE Band2	15	18900	1	#Mid	QAM16	22.48	24.88	PASS
LTE Band2	15	18900	1	#Max	QAM16	22.50	24.90	PASS
LTE Band2	15	18900	36	#0	QAM16	21.42	23.82	PASS
LTE Band2	15	18900	36	#Mid	QAM16	21.43	23.83	PASS
LTE Band2	15	18900	36	#Max	QAM16	21.46	23.86	PASS
LTE Band2	15	18900	75	#0	QAM16	21.43	23.83	PASS
LTE Band2	15	18900	1	#0	QAM64	21.14	23.54	PASS
LTE Band2	15	18900	1	#Mid	QAM64	20.97	23.37	PASS
LTE Band2	15	18900	1	#Max	QAM64	21.08	23.48	PASS
LTE Band2	15	18900	36	#0	QAM64	19.98	22.38	PASS
LTE Band2	15	18900	36	#Mid	QAM64	19.97	22.37	PASS
LTE Band2	15	18900	36	#Max	QAM64	20.01	22.41	PASS
LTE Band2	15	18900	75	#0	QAM64	19.94	22.34	PASS
LTE Band2	15	19125	1	#0	QPSK	23.43	26.13	PASS
LTE Band2	15	19125	1	#Mid	QPSK	23.39	26.09	PASS
LTE Band2	15	19125	1	#Max	QPSK	23.40	26.10	PASS
LTE Band2	15	19125	36	#0	QPSK	22.41	25.11	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band2	15	19125	36	#Mid	QPSK	22.41	25.11	PASS
LTE Band2	15	19125	36	#Max	QPSK	22.45	25.15	PASS
LTE Band2	15	19125	75	#0	QPSK	22.41	25.11	PASS
LTE Band2	15	19125	1	#0	QAM16	22.44	25.14	PASS
LTE Band2	15	19125	1	#Mid	QAM16	22.40	25.10	PASS
LTE Band2	15	19125	1	#Max	QAM16	22.36	25.06	PASS
LTE Band2	15	19125	36	#0	QAM16	21.39	24.09	PASS
LTE Band2	15	19125	36	#Mid	QAM16	21.40	24.10	PASS
LTE Band2	15	19125	36	#Max	QAM16	21.42	24.12	PASS
LTE Band2	15	19125	75	#0	QAM16	21.45	24.15	PASS
LTE Band2	15	19125	1	#0	QAM64	21.08	23.78	PASS
LTE Band2	15	19125	1	#Mid	QAM64	20.97	23.67	PASS
LTE Band2	15	19125	1	#Max	QAM64	21.00	23.70	PASS
LTE Band2	15	19125	36	#0	QAM64	19.98	22.68	PASS
LTE Band2	15	19125	36	#Mid	QAM64	19.96	22.66	PASS
LTE Band2	15	19125	36	#Max	QAM64	20.02	22.72	PASS
LTE Band2	15	19125	75	#0	QAM64	19.99	22.69	PASS
LTE Band2	20	18700	1	#0	QPSK	23.47	24.71	PASS
LTE Band2	20	18700	1	#Mid	QPSK	23.31	24.55	PASS
LTE Band2	20	18700	1	#Max	QPSK	23.26	24.50	PASS
LTE Band2	20	18700	50	#0	QPSK	22.40	23.64	PASS
LTE Band2	20	18700	50	#Mid	QPSK	22.41	23.65	PASS
LTE Band2	20	18700	50	#Max	QPSK	22.41	23.65	PASS
LTE Band2	20	18700	100	#0	QPSK	22.41	23.65	PASS
LTE Band2	20	18700	1	#0	QAM16	22.55	23.79	PASS
LTE Band2	20	18700	1	#Mid	QAM16	22.53	23.77	PASS
LTE Band2	20	18700	1	#Max	QAM16	22.54	23.78	PASS
LTE Band2	20	18700	50	#0	QAM16	21.46	22.70	PASS
LTE Band2	20	18700	50	#Mid	QAM16	21.49	22.73	PASS
LTE Band2	20	18700	50	#Max	QAM16	21.48	22.72	PASS
LTE Band2	20	18700	100	#0	QAM16	21.44	22.68	PASS
LTE Band2	20	18700	1	#0	QAM64	21.04	22.28	PASS
LTE Band2	20	18700	1	#Mid	QAM64	21.00	22.24	PASS
LTE Band2	20	18700	1	#Max	QAM64	21.02	22.26	PASS
LTE Band2	20	18700	50	#0	QAM64	19.99	21.23	PASS
LTE Band2	20	18700	50	#Mid	QAM64	19.93	21.17	PASS
LTE Band2	20	18700	50	#Max	QAM64	20.03	21.27	PASS
LTE Band2	20	18700	100	#0	QAM64	19.97	21.21	PASS
LTE Band2	20	18900	1	#0	QPSK	23.47	25.87	PASS
LTE Band2	20	18900	1	#Mid	QPSK	23.38	25.78	PASS
LTE Band2	20	18900	1	#Max	QPSK	23.33	25.73	PASS
LTE Band2	20	18900	50	#0	QPSK	22.39	24.79	PASS
LTE Band2	20	18900	50	#Mid	QPSK	22.40	24.80	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band2	20	18900	50	#Max	QPSK	22.39	24.79	PASS
LTE Band2	20	18900	100	#0	QPSK	22.37	24.77	PASS
LTE Band2	20	18900	1	#0	QAM16	22.30	24.70	PASS
LTE Band2	20	18900	1	#Mid	QAM16	22.21	24.61	PASS
LTE Band2	20	18900	1	#Max	QAM16	22.17	24.57	PASS
LTE Band2	20	18900	50	#0	QAM16	21.37	23.77	PASS
LTE Band2	20	18900	50	#Mid	QAM16	21.39	23.79	PASS
LTE Band2	20	18900	50	#Max	QAM16	21.40	23.80	PASS
LTE Band2	20	18900	100	#0	QAM16	21.42	23.82	PASS
LTE Band2	20	18900	1	#0	QAM64	21.10	23.50	PASS
LTE Band2	20	18900	1	#Mid	QAM64	20.93	23.33	PASS
LTE Band2	20	18900	1	#Max	QAM64	21.07	23.47	PASS
LTE Band2	20	18900	50	#0	QAM64	19.93	22.33	PASS
LTE Band2	20	18900	50	#Mid	QAM64	19.93	22.33	PASS
LTE Band2	20	18900	50	#Max	QAM64	19.96	22.36	PASS
LTE Band2	20	18900	100	#0	QAM64	19.89	22.29	PASS
LTE Band2	20	19100	1	#0	QPSK	23.34	26.04	PASS
LTE Band2	20	19100	1	#Mid	QPSK	23.27	25.97	PASS
LTE Band2	20	19100	1	#Max	QPSK	23.25	25.95	PASS
LTE Band2	20	19100	50	#0	QPSK	22.41	25.11	PASS
LTE Band2	20	19100	50	#Mid	QPSK	22.41	25.11	PASS
LTE Band2	20	19100	50	#Max	QPSK	22.38	25.08	PASS
LTE Band2	20	19100	100	#0	QPSK	22.37	25.07	PASS
LTE Band2	20	19100	1	#0	QAM16	22.19	24.89	PASS
LTE Band2	20	19100	1	#Mid	QAM16	22.13	24.83	PASS
LTE Band2	20	19100	1	#Max	QAM16	21.97	24.67	PASS
LTE Band2	20	19100	50	#0	QAM16	21.48	24.18	PASS
LTE Band2	20	19100	50	#Mid	QAM16	21.52	24.22	PASS
LTE Band2	20	19100	50	#Max	QAM16	21.44	24.14	PASS
LTE Band2	20	19100	100	#0	QAM16	21.40	24.10	PASS
LTE Band2	20	19100	1	#0	QAM64	21.05	23.75	PASS
LTE Band2	20	19100	1	#Mid	QAM64	20.95	23.65	PASS
LTE Band2	20	19100	1	#Max	QAM64	20.97	23.67	PASS
LTE Band2	20	19100	50	#0	QAM64	19.94	22.64	PASS
LTE Band2	20	19100	50	#Mid	QAM64	19.93	22.63	PASS
LTE Band2	20	19100	50	#Max	QAM64	19.98	22.68	PASS
LTE Band2	20	19100	100	#0	QAM64	19.95	22.65	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)	Verdict
LTE Band25	1.4	26047	1	#0	QPSK	23.39	24.93	PASS
LTE Band25	1.4	26047	1	#Mid	QPSK	23.45	24.99	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band25	1.4	26047	1	#Max	QPSK	23.35	24.89	PASS
LTE Band25	1.4	26047	3	#0	QPSK	23.23	24.77	PASS
LTE Band25	1.4	26047	3	#Mid	QPSK	23.22	24.76	PASS
LTE Band25	1.4	26047	3	#Max	QPSK	23.19	24.73	PASS
LTE Band25	1.4	26047	6	#0	QPSK	22.36	23.90	PASS
LTE Band25	1.4	26047	1	#0	QAM16	22.14	23.68	PASS
LTE Band25	1.4	26047	1	#Mid	QAM16	22.22	23.76	PASS
LTE Band25	1.4	26047	1	#Max	QAM16	22.19	23.73	PASS
LTE Band25	1.4	26047	3	#0	QAM16	22.29	23.83	PASS
LTE Band25	1.4	26047	3	#Mid	QAM16	22.29	23.83	PASS
LTE Band25	1.4	26047	3	#Max	QAM16	22.29	23.83	PASS
LTE Band25	1.4	26047	6	#0	QAM16	21.29	22.83	PASS
LTE Band25	1.4	26047	1	#0	QAM64	21.09	22.63	PASS
LTE Band25	1.4	26047	1	#Mid	QAM64	21.10	22.64	PASS
LTE Band25	1.4	26047	1	#Max	QAM64	21.15	22.69	PASS
LTE Band25	1.4	26047	3	#0	QAM64	19.87	21.41	PASS
LTE Band25	1.4	26047	3	#Mid	QAM64	19.95	21.49	PASS
LTE Band25	1.4	26047	3	#Max	QAM64	19.95	21.49	PASS
LTE Band25	1.4	26047	6	#0	QAM64	19.89	21.43	PASS
LTE Band25	1.4	26365	1	#0	QPSK	23.19	25.59	PASS
LTE Band25	1.4	26365	1	#Mid	QPSK	23.36	25.76	PASS
LTE Band25	1.4	26365	1	#Max	QPSK	23.24	25.64	PASS
LTE Band25	1.4	26365	3	#0	QPSK	23.10	25.50	PASS
LTE Band25	1.4	26365	3	#Mid	QPSK	23.10	25.50	PASS
LTE Band25	1.4	26365	3	#Max	QPSK	23.16	25.56	PASS
LTE Band25	1.4	26365	6	#0	QPSK	22.19	24.59	PASS
LTE Band25	1.4	26365	1	#0	QAM16	22.14	24.54	PASS
LTE Band25	1.4	26365	1	#Mid	QAM16	22.32	24.72	PASS
LTE Band25	1.4	26365	1	#Max	QAM16	22.24	24.64	PASS
LTE Band25	1.4	26365	3	#0	QAM16	22.38	24.78	PASS
LTE Band25	1.4	26365	3	#Mid	QAM16	22.37	24.77	PASS
LTE Band25	1.4	26365	3	#Max	QAM16	22.46	24.86	PASS
LTE Band25	1.4	26365	6	#0	QAM16	21.22	23.62	PASS
LTE Band25	1.4	26365	1	#0	QAM64	21.11	23.51	PASS
LTE Band25	1.4	26365	1	#Mid	QAM64	20.97	23.37	PASS
LTE Band25	1.4	26365	1	#Max	QAM64	21.06	23.46	PASS
LTE Band25	1.4	26365	3	#0	QAM64	19.93	22.33	PASS
LTE Band25	1.4	26365	3	#Mid	QAM64	19.97	22.37	PASS
LTE Band25	1.4	26365	3	#Max	QAM64	19.96	22.36	PASS
LTE Band25	1.4	26365	6	#0	QAM64	19.93	22.33	PASS
LTE Band25	1.4	26683	1	#0	QPSK	23.16	25.02	PASS
LTE Band25	1.4	26683	1	#Mid	QPSK	23.32	25.18	PASS
LTE Band25	1.4	26683	1	#Max	QPSK	23.26	25.12	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band25	1.4	26683	3	#0	QPSK	22.99	24.85	PASS
LTE Band25	1.4	26683	3	#Mid	QPSK	22.98	24.84	PASS
LTE Band25	1.4	26683	3	#Max	QPSK	23.04	24.90	PASS
LTE Band25	1.4	26683	6	#0	QPSK	22.30	24.16	PASS
LTE Band25	1.4	26683	1	#0	QAM16	22.23	24.09	PASS
LTE Band25	1.4	26683	1	#Mid	QAM16	22.43	24.29	PASS
LTE Band25	1.4	26683	1	#Max	QAM16	22.33	24.19	PASS
LTE Band25	1.4	26683	3	#0	QAM16	22.09	23.95	PASS
LTE Band25	1.4	26683	3	#Mid	QAM16	22.08	23.94	PASS
LTE Band25	1.4	26683	3	#Max	QAM16	22.13	23.99	PASS
LTE Band25	1.4	26683	6	#0	QAM16	21.16	23.02	PASS
LTE Band25	1.4	26683	1	#0	QAM64	21.12	22.98	PASS
LTE Band25	1.4	26683	1	#Mid	QAM64	21.01	22.87	PASS
LTE Band25	1.4	26683	1	#Max	QAM64	20.93	22.79	PASS
LTE Band25	1.4	26683	3	#0	QAM64	19.90	21.76	PASS
LTE Band25	1.4	26683	3	#Mid	QAM64	19.90	21.76	PASS
LTE Band25	1.4	26683	3	#Max	QAM64	19.89	21.75	PASS
LTE Band25	1.4	26683	6	#0	QAM64	19.98	21.84	PASS
LTE Band25	3	26055	1	#0	QPSK	23.21	24.75	PASS
LTE Band25	3	26055	1	#Mid	QPSK	23.36	24.90	PASS
LTE Band25	3	26055	1	#Max	QPSK	23.26	24.80	PASS
LTE Band25	3	26055	8	#0	QPSK	22.40	23.94	PASS
LTE Band25	3	26055	8	#Mid	QPSK	22.40	23.94	PASS
LTE Band25	3	26055	8	#Max	QPSK	22.44	23.98	PASS
LTE Band25	3	26055	15	#0	QPSK	22.41	23.95	PASS
LTE Band25	3	26055	1	#0	QAM16	22.48	24.02	PASS
LTE Band25	3	26055	1	#Mid	QAM16	22.62	24.16	PASS
LTE Band25	3	26055	1	#Max	QAM16	22.52	24.06	PASS
LTE Band25	3	26055	8	#0	QAM16	21.42	22.96	PASS
LTE Band25	3	26055	8	#Mid	QAM16	21.42	22.96	PASS
LTE Band25	3	26055	8	#Max	QAM16	21.43	22.97	PASS
LTE Band25	3	26055	15	#0	QAM16	21.42	22.96	PASS
LTE Band25	3	26055	1	#0	QAM64	21.11	22.65	PASS
LTE Band25	3	26055	1	#Mid	QAM64	21.13	22.67	PASS
LTE Band25	3	26055	1	#Max	QAM64	21.18	22.72	PASS
LTE Band25	3	26055	8	#0	QAM64	19.95	21.49	PASS
LTE Band25	3	26055	8	#Mid	QAM64	20.05	21.59	PASS
LTE Band25	3	26055	8	#Max	QAM64	20.03	21.57	PASS
LTE Band25	3	26055	15	#0	QAM64	19.92	21.46	PASS
LTE Band25	3	26365	1	#0	QPSK	23.06	25.46	PASS
LTE Band25	3	26365	1	#Mid	QPSK	23.31	25.71	PASS
LTE Band25	3	26365	1	#Max	QPSK	23.19	25.59	PASS
LTE Band25	3	26365	8	#0	QPSK	22.28	24.68	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band25	3	26365	8	#Mid	QPSK	22.29	24.69	PASS
LTE Band25	3	26365	8	#Max	QPSK	22.36	24.76	PASS
LTE Band25	3	26365	15	#0	QPSK	22.28	24.68	PASS
LTE Band25	3	26365	1	#0	QAM16	22.29	24.69	PASS
LTE Band25	3	26365	1	#Mid	QAM16	22.50	24.90	PASS
LTE Band25	3	26365	1	#Max	QAM16	22.39	24.79	PASS
LTE Band25	3	26365	8	#0	QAM16	21.25	23.65	PASS
LTE Band25	3	26365	8	#Mid	QAM16	21.26	23.66	PASS
LTE Band25	3	26365	8	#Max	QAM16	21.39	23.79	PASS
LTE Band25	3	26365	15	#0	QAM16	21.22	23.62	PASS
LTE Band25	3	26365	1	#0	QAM64	21.15	23.55	PASS
LTE Band25	3	26365	1	#Mid	QAM64	21.02	23.42	PASS
LTE Band25	3	26365	1	#Max	QAM64	21.11	23.51	PASS
LTE Band25	3	26365	8	#0	QAM64	20.03	22.43	PASS
LTE Band25	3	26365	8	#Mid	QAM64	20.05	22.45	PASS
LTE Band25	3	26365	8	#Max	QAM64	20.05	22.45	PASS
LTE Band25	3	26365	15	#0	QAM64	19.97	22.37	PASS
LTE Band25	3	26675	1	#0	QPSK	23.22	25.08	PASS
LTE Band25	3	26675	1	#Mid	QPSK	23.53	25.39	PASS
LTE Band25	3	26675	1	#Max	QPSK	23.47	25.33	PASS
LTE Band25	3	26675	8	#0	QPSK	22.33	24.19	PASS
LTE Band25	3	26675	8	#Mid	QPSK	22.33	24.19	PASS
LTE Band25	3	26675	8	#Max	QPSK	22.45	24.31	PASS
LTE Band25	3	26675	15	#0	QPSK	22.34	24.20	PASS
LTE Band25	3	26675	1	#0	QAM16	22.00	23.86	PASS
LTE Band25	3	26675	1	#Mid	QAM16	22.22	24.08	PASS
LTE Band25	3	26675	1	#Max	QAM16	22.13	23.99	PASS
LTE Band25	3	26675	8	#0	QAM16	21.29	23.15	PASS
LTE Band25	3	26675	8	#Mid	QAM16	21.27	23.13	PASS
LTE Band25	3	26675	8	#Max	QAM16	21.35	23.21	PASS
LTE Band25	3	26675	15	#0	QAM16	21.33	23.19	PASS
LTE Band25	3	26675	1	#0	QAM64	21.15	23.01	PASS
LTE Band25	3	26675	1	#Mid	QAM64	21.05	22.91	PASS
LTE Band25	3	26675	1	#Max	QAM64	20.97	22.83	PASS
LTE Band25	3	26675	8	#0	QAM64	20.01	21.87	PASS
LTE Band25	3	26675	8	#Mid	QAM64	20.00	21.86	PASS
LTE Band25	3	26675	8	#Max	QAM64	19.97	21.83	PASS
LTE Band25	3	26675	15	#0	QAM64	20.01	21.87	PASS
LTE Band25	5	26065	1	#0	QPSK	23.30	24.84	PASS
LTE Band25	5	26065	1	#Mid	QPSK	23.39	24.93	PASS
LTE Band25	5	26065	1	#Max	QPSK	23.34	24.88	PASS
LTE Band25	5	26065	12	#0	QPSK	22.34	23.88	PASS
LTE Band25	5	26065	12	#Mid	QPSK	22.35	23.89	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band25	5	26065	12	#Max	QPSK	22.43	23.97	PASS
LTE Band25	5	26065	25	#0	QPSK	22.38	23.92	PASS
LTE Band25	5	26065	1	#0	QAM16	22.55	24.09	PASS
LTE Band25	5	26065	1	#Mid	QAM16	22.64	24.18	PASS
LTE Band25	5	26065	1	#Max	QAM16	22.60	24.14	PASS
LTE Band25	5	26065	12	#0	QAM16	21.35	22.89	PASS
LTE Band25	5	26065	12	#Mid	QAM16	21.35	22.89	PASS
LTE Band25	5	26065	12	#Max	QAM16	21.38	22.92	PASS
LTE Band25	5	26065	25	#0	QAM16	21.42	22.96	PASS
LTE Band25	5	26065	1	#0	QAM64	21.15	22.69	PASS
LTE Band25	5	26065	1	#Mid	QAM64	21.20	22.74	PASS
LTE Band25	5	26065	1	#Max	QAM64	21.24	22.78	PASS
LTE Band25	5	26065	12	#0	QAM64	20.02	21.56	PASS
LTE Band25	5	26065	12	#Mid	QAM64	20.10	21.64	PASS
LTE Band25	5	26065	12	#Max	QAM64	20.10	21.64	PASS
LTE Band25	5	26065	25	#0	QAM64	20.00	21.54	PASS
LTE Band25	5	26365	1	#0	QPSK	23.20	25.60	PASS
LTE Band25	5	26365	1	#Mid	QPSK	23.38	25.78	PASS
LTE Band25	5	26365	1	#Max	QPSK	23.33	25.73	PASS
LTE Band25	5	26365	12	#0	QPSK	22.29	24.69	PASS
LTE Band25	5	26365	12	#Mid	QPSK	22.27	24.67	PASS
LTE Band25	5	26365	12	#Max	QPSK	22.36	24.76	PASS
LTE Band25	5	26365	25	#0	QPSK	22.27	24.67	PASS
LTE Band25	5	26365	1	#0	QAM16	22.37	24.77	PASS
LTE Band25	5	26365	1	#Mid	QAM16	22.53	24.93	PASS
LTE Band25	5	26365	1	#Max	QAM16	22.54	24.94	PASS
LTE Band25	5	26365	12	#0	QAM16	21.23	23.63	PASS
LTE Band25	5	26365	12	#Mid	QAM16	21.24	23.64	PASS
LTE Band25	5	26365	12	#Max	QAM16	21.40	23.80	PASS
LTE Band25	5	26365	25	#0	QAM16	21.28	23.68	PASS
LTE Band25	5	26365	1	#0	QAM64	21.27	23.67	PASS
LTE Band25	5	26365	1	#Mid	QAM64	21.07	23.47	PASS
LTE Band25	5	26365	1	#Max	QAM64	21.18	23.58	PASS
LTE Band25	5	26365	12	#0	QAM64	20.07	22.47	PASS
LTE Band25	5	26365	12	#Mid	QAM64	20.10	22.50	PASS
LTE Band25	5	26365	12	#Max	QAM64	20.15	22.55	PASS
LTE Band25	5	26365	25	#0	QAM64	20.06	22.46	PASS
LTE Band25	5	26665	1	#0	QPSK	23.09	24.95	PASS
LTE Band25	5	26665	1	#Mid	QPSK	23.34	25.20	PASS
LTE Band25	5	26665	1	#Max	QPSK	23.27	25.13	PASS
LTE Band25	5	26665	12	#0	QPSK	22.19	24.05	PASS
LTE Band25	5	26665	12	#Mid	QPSK	22.22	24.08	PASS
LTE Band25	5	26665	12	#Max	QPSK	22.29	24.15	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band25	5	26665	25	#0	QPSK	22.26	24.12	PASS
LTE Band25	5	26665	1	#0	QAM16	22.37	24.23	PASS
LTE Band25	5	26665	1	#Mid	QAM16	22.52	24.38	PASS
LTE Band25	5	26665	1	#Max	QAM16	22.42	24.28	PASS
LTE Band25	5	26665	12	#0	QAM16	21.23	23.09	PASS
LTE Band25	5	26665	12	#Mid	QAM16	21.25	23.11	PASS
LTE Band25	5	26665	12	#Max	QAM16	21.36	23.22	PASS
LTE Band25	5	26665	25	#0	QAM16	21.27	23.13	PASS
LTE Band25	5	26665	1	#0	QAM64	21.20	23.06	PASS
LTE Band25	5	26665	1	#Mid	QAM64	21.12	22.98	PASS
LTE Band25	5	26665	1	#Max	QAM64	21.06	22.92	PASS
LTE Band25	5	26665	12	#0	QAM64	20.07	21.93	PASS
LTE Band25	5	26665	12	#Mid	QAM64	20.04	21.90	PASS
LTE Band25	5	26665	12	#Max	QAM64	19.97	21.83	PASS
LTE Band25	5	26665	25	#0	QAM64	20.02	21.88	PASS
LTE Band25	10	26090	1	#0	QPSK	23.24	24.48	PASS
LTE Band25	10	26090	1	#Mid	QPSK	23.01	24.25	PASS
LTE Band25	10	26090	1	#Max	QPSK	23.09	24.33	PASS
LTE Band25	10	26090	25	#0	QPSK	22.37	23.61	PASS
LTE Band25	10	26090	25	#Mid	QPSK	22.38	23.62	PASS
LTE Band25	10	26090	25	#Max	QPSK	22.39	23.63	PASS
LTE Band25	10	26090	50	#0	QPSK	22.36	23.60	PASS
LTE Band25	10	26090	1	#0	QAM16	22.53	23.77	PASS
LTE Band25	10	26090	1	#Mid	QAM16	22.32	23.56	PASS
LTE Band25	10	26090	1	#Max	QAM16	22.42	23.66	PASS
LTE Band25	10	26090	25	#0	QAM16	21.45	22.69	PASS
LTE Band25	10	26090	25	#Mid	QAM16	21.45	22.69	PASS
LTE Band25	10	26090	25	#Max	QAM16	21.45	22.69	PASS
LTE Band25	10	26090	50	#0	QAM16	21.36	22.60	PASS
LTE Band25	10	26090	1	#0	QAM64	21.10	22.34	PASS
LTE Band25	10	26090	1	#Mid	QAM64	21.14	22.38	PASS
LTE Band25	10	26090	1	#Max	QAM64	21.17	22.41	PASS
LTE Band25	10	26090	25	#0	QAM64	19.95	21.19	PASS
LTE Band25	10	26090	25	#Mid	QAM64	20.06	21.30	PASS
LTE Band25	10	26090	25	#Max	QAM64	20.03	21.27	PASS
LTE Band25	10	26090	50	#0	QAM64	19.98	21.22	PASS
LTE Band25	10	26365	1	#0	QPSK	23.18	25.58	PASS
LTE Band25	10	26365	1	#Mid	QPSK	23.05	25.45	PASS
LTE Band25	10	26365	1	#Max	QPSK	23.03	25.43	PASS
LTE Band25	10	26365	25	#0	QPSK	22.34	24.74	PASS
LTE Band25	10	26365	25	#Mid	QPSK	22.34	24.74	PASS
LTE Band25	10	26365	25	#Max	QPSK	22.34	24.74	PASS
LTE Band25	10	26365	50	#0	QPSK	22.35	24.75	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band25	10	26365	1	#0	QAM16	22.41	24.81	PASS
LTE Band25	10	26365	1	#Mid	QAM16	22.25	24.65	PASS
LTE Band25	10	26365	1	#Max	QAM16	22.33	24.73	PASS
LTE Band25	10	26365	25	#0	QAM16	21.40	23.80	PASS
LTE Band25	10	26365	25	#Mid	QAM16	21.39	23.79	PASS
LTE Band25	10	26365	25	#Max	QAM16	21.42	23.82	PASS
LTE Band25	10	26365	50	#0	QAM16	21.36	23.76	PASS
LTE Band25	10	26365	1	#0	QAM64	21.14	23.54	PASS
LTE Band25	10	26365	1	#Mid	QAM64	21.03	23.43	PASS
LTE Band25	10	26365	1	#Max	QAM64	21.10	23.50	PASS
LTE Band25	10	26365	25	#0	QAM64	20.03	22.43	PASS
LTE Band25	10	26365	25	#Mid	QAM64	20.06	22.46	PASS
LTE Band25	10	26365	25	#Max	QAM64	20.07	22.47	PASS
LTE Band25	10	26365	50	#0	QAM64	19.98	22.38	PASS
LTE Band25	10	26640	1	#0	QPSK	23.26	25.12	PASS
LTE Band25	10	26640	1	#Mid	QPSK	23.15	25.01	PASS
LTE Band25	10	26640	1	#Max	QPSK	23.37	25.23	PASS
LTE Band25	10	26640	25	#0	QPSK	22.29	24.15	PASS
LTE Band25	10	26640	25	#Mid	QPSK	22.30	24.16	PASS
LTE Band25	10	26640	25	#Max	QPSK	22.28	24.14	PASS
LTE Band25	10	26640	50	#0	QPSK	22.30	24.16	PASS
LTE Band25	10	26640	1	#0	QAM16	22.07	23.93	PASS
LTE Band25	10	26640	1	#Mid	QAM16	21.92	23.78	PASS
LTE Band25	10	26640	1	#Max	QAM16	22.04	23.90	PASS
LTE Band25	10	26640	25	#0	QAM16	21.33	23.19	PASS
LTE Band25	10	26640	25	#Mid	QAM16	21.30	23.16	PASS
LTE Band25	10	26640	25	#Max	QAM16	21.24	23.10	PASS
LTE Band25	10	26640	50	#0	QAM16	21.27	23.13	PASS
LTE Band25	10	26640	1	#0	QAM64	21.14	23.00	PASS
LTE Band25	10	26640	1	#Mid	QAM64	21.06	22.92	PASS
LTE Band25	10	26640	1	#Max	QAM64	20.96	22.82	PASS
LTE Band25	10	26640	25	#0	QAM64	20.01	21.87	PASS
LTE Band25	10	26640	25	#Mid	QAM64	19.99	21.85	PASS
LTE Band25	10	26640	25	#Max	QAM64	19.98	21.84	PASS
LTE Band25	10	26640	50	#0	QAM64	20.03	21.89	PASS
LTE Band25	15	26115	1	#0	QPSK	23.46	24.70	PASS
LTE Band25	15	26115	1	#Mid	QPSK	23.45	24.69	PASS
LTE Band25	15	26115	1	#Max	QPSK	23.38	24.62	PASS
LTE Band25	15	26115	36	#0	QPSK	22.60	23.84	PASS
LTE Band25	15	26115	36	#Mid	QPSK	22.60	23.84	PASS
LTE Band25	15	26115	36	#Max	QPSK	22.56	23.80	PASS
LTE Band25	15	26115	75	#0	QPSK	22.54	23.78	PASS
LTE Band25	15	26115	1	#0	QAM16	22.68	23.92	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band25	15	26115	1	#Mid	QAM16	22.73	23.97	PASS
LTE Band25	15	26115	1	#Max	QAM16	22.75	23.99	PASS
LTE Band25	15	26115	36	#0	QAM16	21.57	22.81	PASS
LTE Band25	15	26115	36	#Mid	QAM16	21.57	22.81	PASS
LTE Band25	15	26115	36	#Max	QAM16	21.53	22.77	PASS
LTE Band25	15	26115	75	#0	QAM16	21.58	22.82	PASS
LTE Band25	15	26115	1	#0	QAM64	21.09	22.33	PASS
LTE Band25	15	26115	1	#Mid	QAM64	21.12	22.36	PASS
LTE Band25	15	26115	1	#Max	QAM64	21.14	22.38	PASS
LTE Band25	15	26115	36	#0	QAM64	19.93	21.17	PASS
LTE Band25	15	26115	36	#Mid	QAM64	20.03	21.27	PASS
LTE Band25	15	26115	36	#Max	QAM64	20.00	21.24	PASS
LTE Band25	15	26115	75	#0	QAM64	19.96	21.20	PASS
LTE Band25	15	26365	1	#0	QPSK	23.53	25.93	PASS
LTE Band25	15	26365	1	#Mid	QPSK	23.43	25.83	PASS
LTE Band25	15	26365	1	#Max	QPSK	23.36	25.76	PASS
LTE Band25	15	26365	36	#0	QPSK	22.59	24.99	PASS
LTE Band25	15	26365	36	#Mid	QPSK	22.59	24.99	PASS
LTE Band25	15	26365	36	#Max	QPSK	22.58	24.98	PASS
LTE Band25	15	26365	75	#0	QPSK	22.57	24.97	PASS
LTE Band25	15	26365	1	#0	QAM16	22.72	25.12	PASS
LTE Band25	15	26365	1	#Mid	QAM16	22.64	25.04	PASS
LTE Band25	15	26365	1	#Max	QAM16	22.63	25.03	PASS
LTE Band25	15	26365	36	#0	QAM16	21.54	23.94	PASS
LTE Band25	15	26365	36	#Mid	QAM16	21.56	23.96	PASS
LTE Band25	15	26365	36	#Max	QAM16	21.55	23.95	PASS
LTE Band25	15	26365	75	#0	QAM16	21.54	23.94	PASS
LTE Band25	15	26365	1	#0	QAM64	21.10	23.50	PASS
LTE Band25	15	26365	1	#Mid	QAM64	21.02	23.42	PASS
LTE Band25	15	26365	1	#Max	QAM64	21.05	23.45	PASS
LTE Band25	15	26365	36	#0	QAM64	19.99	22.39	PASS
LTE Band25	15	26365	36	#Mid	QAM64	20.01	22.41	PASS
LTE Band25	15	26365	36	#Max	QAM64	20.04	22.44	PASS
LTE Band25	15	26365	75	#0	QAM64	19.94	22.34	PASS
LTE Band25	15	26615	1	#0	QPSK	23.64	25.50	PASS
LTE Band25	15	26615	1	#Mid	QPSK	23.54	25.40	PASS
LTE Band25	15	26615	1	#Max	QPSK	23.58	25.44	PASS
LTE Band25	15	26615	36	#0	QPSK	22.55	24.41	PASS
LTE Band25	15	26615	36	#Mid	QPSK	22.56	24.42	PASS
LTE Band25	15	26615	36	#Max	QPSK	22.62	24.48	PASS
LTE Band25	15	26615	75	#0	QPSK	22.62	24.48	PASS
LTE Band25	15	26615	1	#0	QAM16	22.63	24.49	PASS
LTE Band25	15	26615	1	#Mid	QAM16	22.50	24.36	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band25	15	26615	1	#Max	QAM16	22.38	24.24	PASS
LTE Band25	15	26615	36	#0	QAM16	21.52	23.38	PASS
LTE Band25	15	26615	36	#Mid	QAM16	21.52	23.38	PASS
LTE Band25	15	26615	36	#Max	QAM16	21.53	23.39	PASS
LTE Band25	15	26615	75	#0	QAM16	21.57	23.43	PASS
LTE Band25	15	26615	1	#0	QAM64	21.12	22.98	PASS
LTE Band25	15	26615	1	#Mid	QAM64	21.03	22.89	PASS
LTE Band25	15	26615	1	#Max	QAM64	20.92	22.78	PASS
LTE Band25	15	26615	36	#0	QAM64	19.98	21.84	PASS
LTE Band25	15	26615	36	#Mid	QAM64	19.95	21.81	PASS
LTE Band25	15	26615	36	#Max	QAM64	19.94	21.80	PASS
LTE Band25	15	26615	75	#0	QAM64	19.98	21.84	PASS
LTE Band25	20	26140	1	#0	QPSK	23.63	24.87	PASS
LTE Band25	20	26140	1	#Mid	QPSK	23.44	24.68	PASS
LTE Band25	20	26140	1	#Max	QPSK	23.35	24.59	PASS
LTE Band25	20	26140	50	#0	QPSK	22.51	23.75	PASS
LTE Band25	20	26140	50	#Mid	QPSK	22.51	23.75	PASS
LTE Band25	20	26140	50	#Max	QPSK	22.47	23.71	PASS
LTE Band25	20	26140	100	#0	QPSK	22.50	23.74	PASS
LTE Band25	20	26140	1	#0	QAM16	22.75	23.99	PASS
LTE Band25	20	26140	1	#Mid	QAM16	22.69	23.93	PASS
LTE Band25	20	26140	1	#Max	QAM16	22.57	23.81	PASS
LTE Band25	20	26140	50	#0	QAM16	21.54	22.78	PASS
LTE Band25	20	26140	50	#Mid	QAM16	21.55	22.79	PASS
LTE Band25	20	26140	50	#Max	QAM16	21.55	22.79	PASS
LTE Band25	20	26140	100	#0	QAM16	21.51	22.75	PASS
LTE Band25	20	26140	1	#0	QAM64	21.06	22.30	PASS
LTE Band25	20	26140	1	#Mid	QAM64	21.11	22.35	PASS
LTE Band25	20	26140	1	#Max	QAM64	21.12	22.36	PASS
LTE Band25	20	26140	50	#0	QAM64	19.90	21.14	PASS
LTE Band25	20	26140	50	#Mid	QAM64	20.01	21.25	PASS
LTE Band25	20	26140	50	#Max	QAM64	19.97	21.21	PASS
LTE Band25	20	26140	100	#0	QAM64	19.93	21.17	PASS
LTE Band25	20	26365	1	#0	QPSK	23.70	26.10	PASS
LTE Band25	20	26365	1	#Mid	QPSK	23.56	25.96	PASS
LTE Band25	20	26365	1	#Max	QPSK	23.48	25.88	PASS
LTE Band25	20	26365	50	#0	QPSK	22.54	24.94	PASS
LTE Band25	20	26365	50	#Mid	QPSK	22.53	24.93	PASS
LTE Band25	20	26365	50	#Max	QPSK	22.52	24.92	PASS
LTE Band25	20	26365	100	#0	QPSK	22.47	24.87	PASS
LTE Band25	20	26365	1	#0	QAM16	22.50	24.90	PASS
LTE Band25	20	26365	1	#Mid	QAM16	22.36	24.76	PASS
LTE Band25	20	26365	1	#Max	QAM16	22.31	24.71	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band25	20	26365	50	#0	QAM16	21.51	23.91	PASS
LTE Band25	20	26365	50	#Mid	QAM16	21.49	23.89	PASS
LTE Band25	20	26365	50	#Max	QAM16	21.51	23.91	PASS
LTE Band25	20	26365	100	#0	QAM16	21.53	23.93	PASS
LTE Band25	20	26365	1	#0	QAM64	21.06	23.46	PASS
LTE Band25	20	26365	1	#Mid	QAM64	20.98	23.38	PASS
LTE Band25	20	26365	1	#Max	QAM64	21.04	23.44	PASS
LTE Band25	20	26365	50	#0	QAM64	19.94	22.34	PASS
LTE Band25	20	26365	50	#Mid	QAM64	19.97	22.37	PASS
LTE Band25	20	26365	50	#Max	QAM64	19.99	22.39	PASS
LTE Band25	20	26365	100	#0	QAM64	19.89	22.29	PASS
LTE Band25	20	26590	1	#0	QPSK	23.52	25.38	PASS
LTE Band25	20	26590	1	#Mid	QPSK	23.44	25.30	PASS
LTE Band25	20	26590	1	#Max	QPSK	23.47	25.33	PASS
LTE Band25	20	26590	50	#0	QPSK	22.52	24.38	PASS
LTE Band25	20	26590	50	#Mid	QPSK	22.54	24.40	PASS
LTE Band25	20	26590	50	#Max	QPSK	22.48	24.34	PASS
LTE Band25	20	26590	100	#0	QPSK	22.50	24.36	PASS
LTE Band25	20	26590	1	#0	QAM16	22.36	24.22	PASS
LTE Band25	20	26590	1	#Mid	QAM16	22.22	24.08	PASS
LTE Band25	20	26590	1	#Max	QAM16	22.09	23.95	PASS
LTE Band25	20	26590	50	#0	QAM16	21.60	23.46	PASS
LTE Band25	20	26590	50	#Mid	QAM16	21.60	23.46	PASS
LTE Band25	20	26590	50	#Max	QAM16	21.52	23.38	PASS
LTE Band25	20	26590	100	#0	QAM16	21.50	23.36	PASS
LTE Band25	20	26590	1	#0	QAM64	21.09	22.95	PASS
LTE Band25	20	26590	1	#Mid	QAM64	21.01	22.87	PASS
LTE Band25	20	26590	1	#Max	QAM64	20.89	22.75	PASS
LTE Band25	20	26590	50	#0	QAM64	19.94	21.80	PASS
LTE Band25	20	26590	50	#Mid	QAM64	19.92	21.78	PASS
LTE Band25	20	26590	50	#Max	QAM64	19.90	21.76	PASS
LTE Band25	20	26590	100	#0	QAM64	19.94	21.80	PASS

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

5.2. Occupied Bandwidth

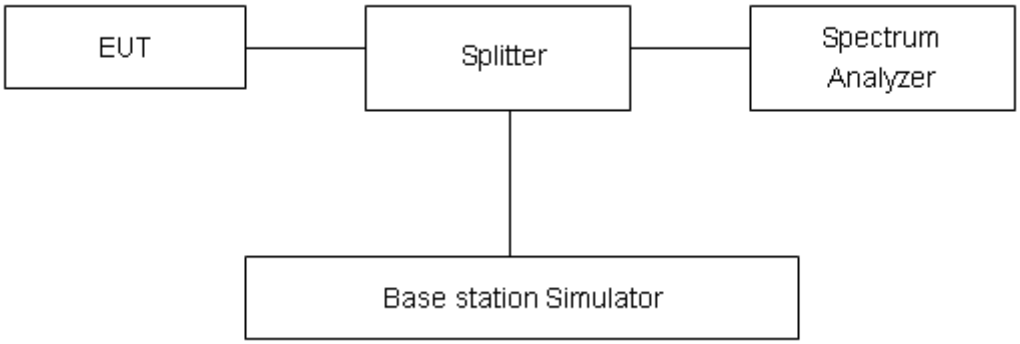
Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Method of Measurement

The EUT was connected to Spectrum Analyzer and Base Station Simulator via power Splitter. The occupied bandwidth is measured using spectrum analyzer.
RBW is set to 3kHz, VBW is set to 10kHz for GSM 1900,
RBW is set to 51 kHz, VBW is set to 160kHz for WCDMA Band II,
RBW is set to 30 kHz, VBW is set to 91kHz for LTE Band 2/25 (1.4MHz),
RBW is set to 62 kHz, VBW is set to 180 kHz for LTE Band 2/25 (3MHz),
RBW is set to 100 kHz, VBW is set to 300 kHz for LTE Band 2/25(5MHz),
RBW is set to 200 kHz, VBW is set to 620kHz for LTE Band 2/25 (10MHz),
RBW is set to 300kHz,VBW is set to 910kHz for LTE Band 2/25 (15MHz).
RBW is set to 430kHz,VBW is set to 1.2MHz for LTE Band 2/25 (20MHz).
99% power and -26dBc occupied bandwidths are recorded. Spectrum analyzer plots are included on the following pages.

Test Setup



Limits

No specific occupied bandwidth requirements in part 2.1049.

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U= 624Hz.

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

Test Result

Mode	Channel	Frequency (MHz)	99% Power Bandwidth (MHz)	-26dBc Bandwidth(MHz)
GSM 1900 (GMSK)	512	1850.2	0.2422	0.3054
	661	1880.0	0.2427	0.3058
	810	1909.8	0.2405	0.3090
GPRS 1900 (GMSK)	512	1850.2	0.2450	0.3129
	661	1880.0	0.2434	0.3108
	810	1909.8	0.2440	0.3072
EGPRS 1900 (8PSK)	512	1850.2	0.2398	0.3013
	661	1880.0	0.2432	0.3083
	810	1909.8	0.2446	0.3080
WCDMA Band II (RMC)	9262	1852.4	4.1462	4.7230
	9400	1880	4.1332	4.7050
	9538	1907.6	4.1523	4.6730

LTE Band 2					
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
QPSK	1.4	18607	1850.7	1.0956	1.234
		18900	1880	1.0933	1.246
		19193	1909.3	1.0943	1.242
	3	18615	1851.5	2.7013	3.040
		18900	1880	2.7060	3.014
		19185	1908.5	2.7024	3.005
	5	18625	1852.5	4.5247	4.974
		18900	1880	4.5091	4.859
		19175	1907.5	4.5042	4.913
	10	18650	1855	8.9958	9.848
		18900	1880	8.9915	9.740
		19150	1905	8.9969	9.785
	15	18675	1857.5	13.4800	14.610
		18900	1880	13.4540	14.530

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

		19125	1902.5	13.4470	14.560
	20	18700	1860	18.0210	19.470
		18900	1880	17.9270	19.180
		19100	1900	17.9540	19.540
16QAM	1.4	18607	1850.7	1.0963	1.238
		18900	1880	1.0986	1.249
		19193	1909.3	1.0912	1.230
	3	18615	1851.5	2.6981	2.997
		18900	1880	2.6925	3.003
		19185	1908.5	2.7045	3.024
	5	18625	1852.5	4.5071	4.929
		18900	1880	4.5271	4.963
		19175	1907.5	4.5158	4.973
	10	18650	1855	8.9951	9.719
		18900	1880	8.9613	9.698
		19150	1905	8.9570	9.704
	15	18675	1857.5	13.4590	14.570
		18900	1880	13.4350	14.590
		19125	1902.5	13.4360	14.590
	20	18700	1860	17.9330	19.330
		18900	1880	17.9510	19.420
		19100	1900	17.9680	19.430
64QAM	1.4	18607	1850.7	1.0915	1.235
		18900	1880	1.0950	1.236
		19193	1909.3	1.0932	1.228
	3	18615	1851.5	2.6954	2.987
		18900	1880	2.7008	2.980
		19185	1908.5	2.7010	2.997
	5	18625	1852.5	4.5065	4.893
		18900	1880	4.5099	4.959
		19175	1907.5	4.5233	4.986
	10	18650	1855	8.9998	9.717
		18900	1880	8.9888	9.805
		19150	1905	9.0021	9.822

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

	15	18675	1857.5	13.4740	14.570
		18900	1880	13.4710	14.460
		19125	1902.5	13.4820	14.650
	20	18700	1860	17.9750	19.490
		18900	1880	17.9500	19.280
		19100	1900	17.9270	19.310

LTE Band 25					
Modulation	**Bandwidth (MHz)**	**Channel**	**Frequency (MHz)**	**99% Power Bandwidth(MHz)**	**-26dBc Bandwidth(MHz)**
QPSK	1.4	26047	1850.7	1.0940	1.235
		26365	1882.5	1.0903	1.245
		26683	1914.3	1.0944	1.248
	3	26055	1851.5	2.6909	2.976
		26365	1882.5	2.7008	2.992
		26675	1913.5	2.7052	3.006
	5	26065	1852.5	4.5126	4.953
		26365	1882.5	4.5073	4.936
		26665	1912.5	4.5111	4.956
	10	26090	1855	9.0122	9.765
		26365	1882.5	8.9961	9.789
		26640	1910	8.9620	9.622
	15	26115	1857.5	13.4850	14.660
		26365	1882.5	13.4510	14.560
		26615	1907.5	13.4540	14.650
	20	26140	1860	17.9780	19.400
		26365	1882.5	17.9440	19.510
		26590	1905	17.9300	19.190
16QAM	1.4	26047	1850.7	1.0921	1.228
		26365	1882.5	1.0954	1.233
		26683	1914.3	1.0896	1.223
	3	26055	1851.5	2.7050	2.995
		26365	1882.5	2.6981	2.981

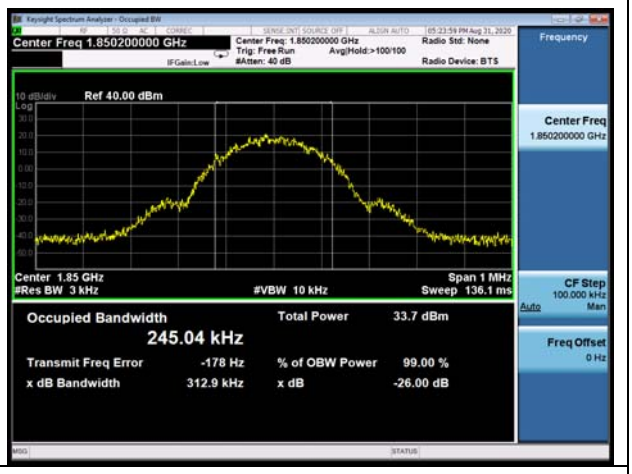
This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

		26675	1913.5	2.7041	3.038
	5	26065	1852.5	4.5180	4.908
		26365	1882.5	4.5380	4.951
		26665	1912.5	4.5030	4.954
	10	26090	1855	8.9663	9.731
		26365	1882.5	9.0057	9.738
		26640	1910	8.9814	9.725
	15	26115	1857.5	13.4500	14.630
		26365	1882.5	13.4900	14.450
		26615	1907.5	13.4640	14.510
	20	26140	1860	17.9650	19.320
		26365	1882.5	17.9360	19.300
		26590	1905	17.9140	19.230
64QAM	1.4	26047	1850.7	1.0900	1.231
		26365	1882.5	1.0961	1.246
		26683	1914.3	1.0914	1.237
	3	26055	1851.5	2.6898	2.946
		26365	1882.5	2.7060	2.975
		26675	1913.5	2.6920	3.030
	5	26065	1852.5	4.5060	4.931
		26365	1882.5	4.5129	4.905
		26665	1912.5	4.5265	4.937
	10	26090	1855	9.0031	9.733
		26365	1882.5	8.9865	9.648
		26640	1910	8.9844	9.745
	15	26115	1857.5	13.4870	14.660
		26365	1882.5	13.4730	14.600
		26615	1907.5	13.4650	14.480
	20	26140	1860	17.8990	19.400
		26365	1882.5	17.9700	19.450
		26590	1905	17.9140	19.300

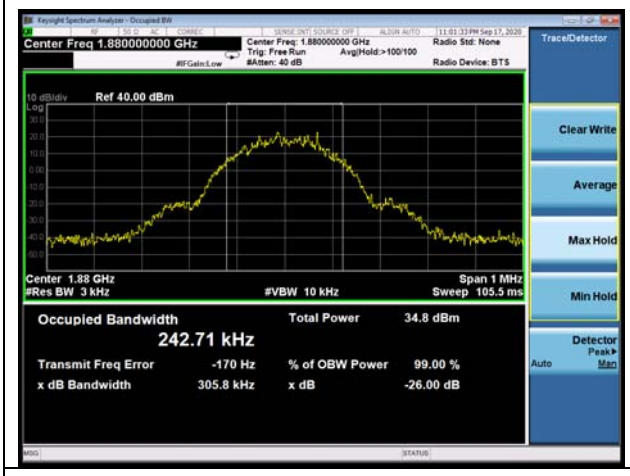
This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

GSM1900 GSM CH-Low

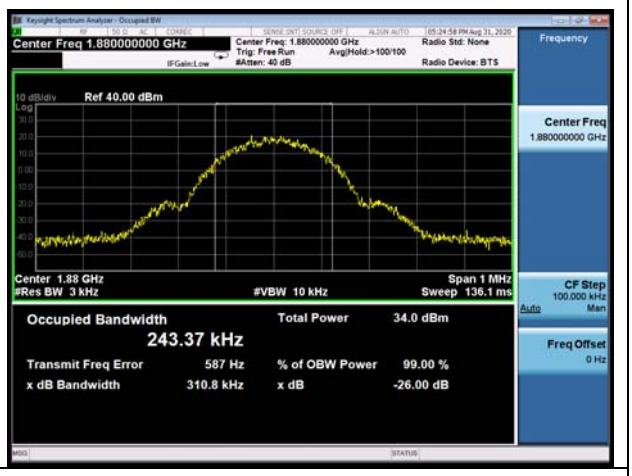
GSM1900 GPRS CH-Low



GSM 1900 GSM CH-Middle

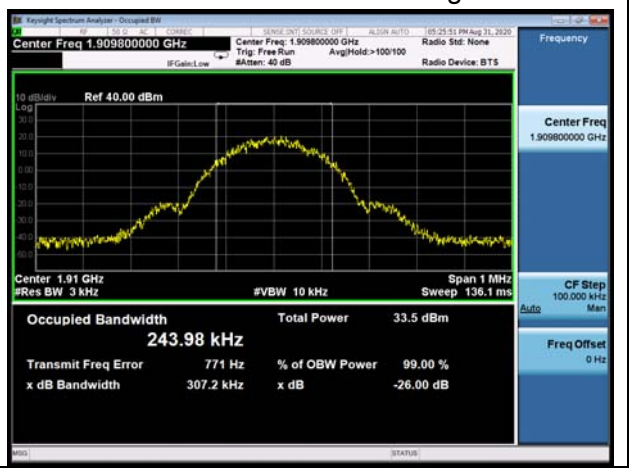


GSM 1900 GPRS CH-Middle



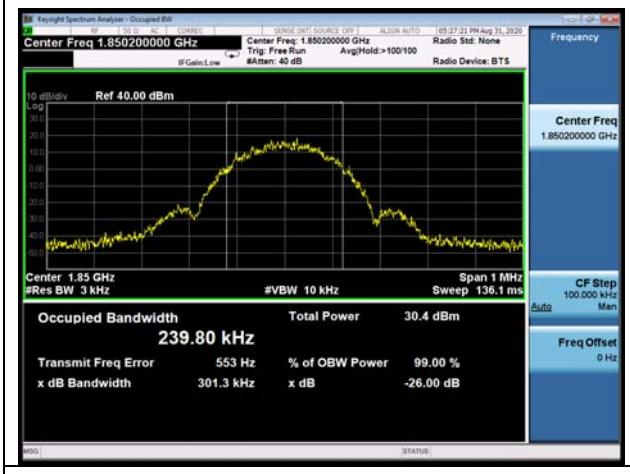
GSM 1900 GSM CH-High

GSM 1900 GPRS CH-High



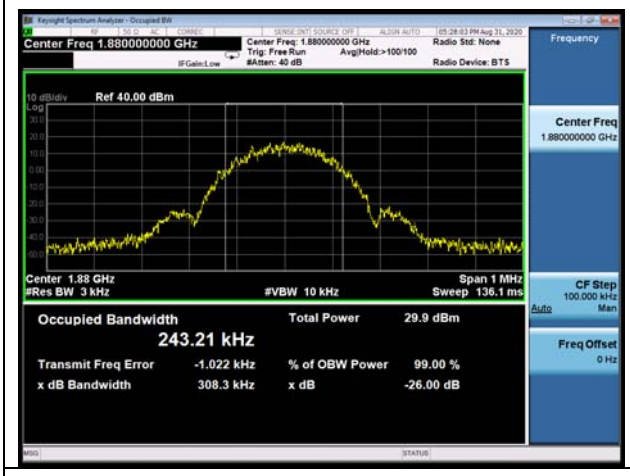
This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

GSM1900 EGPRS CH-Low

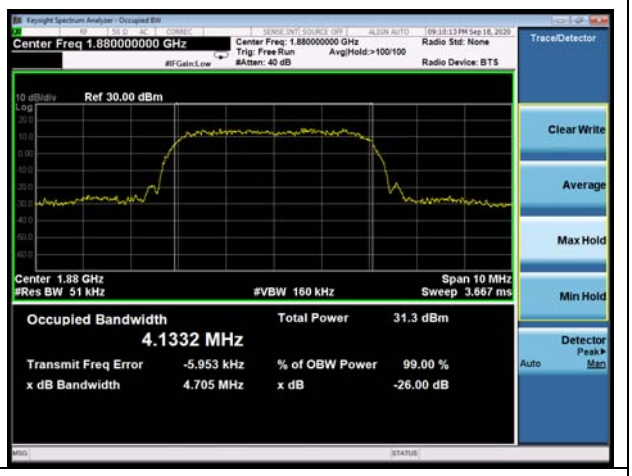


WCDMA Band II RMC CH-LOW

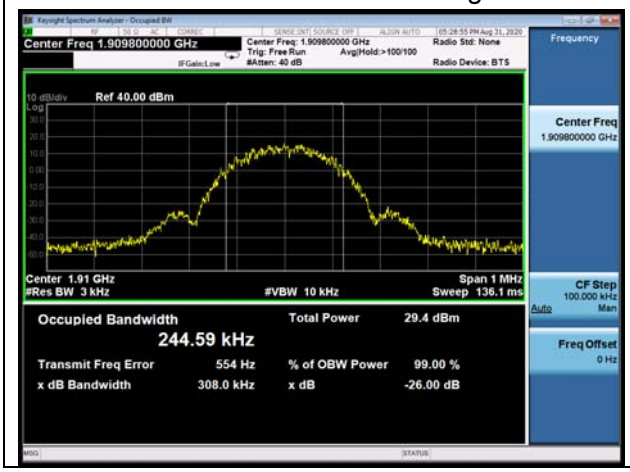
GSM 1900 EGPRS CH-Middle



WCDMA Band II RMC CH-Middle



GSM 1900 EGPRS CH-High

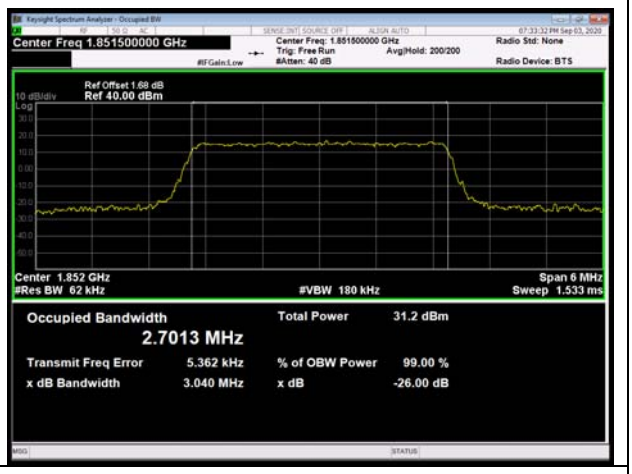


WCDMA Band II RMC CH-High

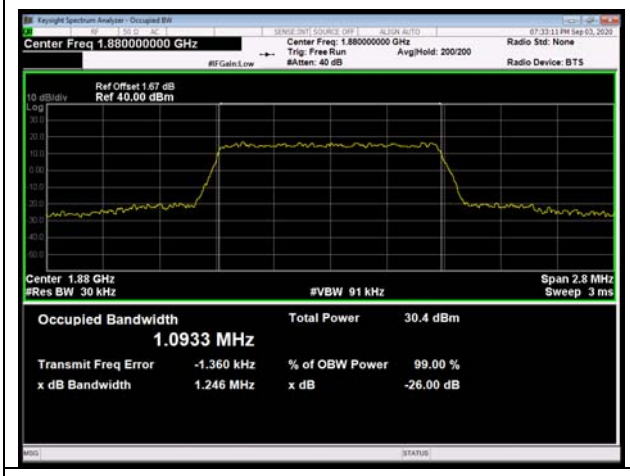
This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band 2 1.4MHz QPSK CH-Low

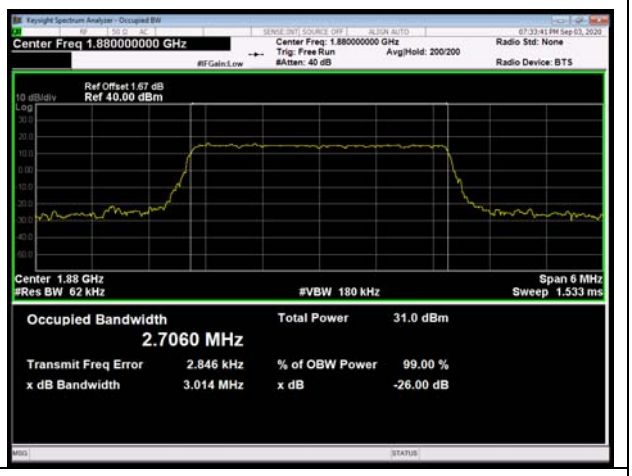
LTE Band 2 3MHz QPSK CH-Low



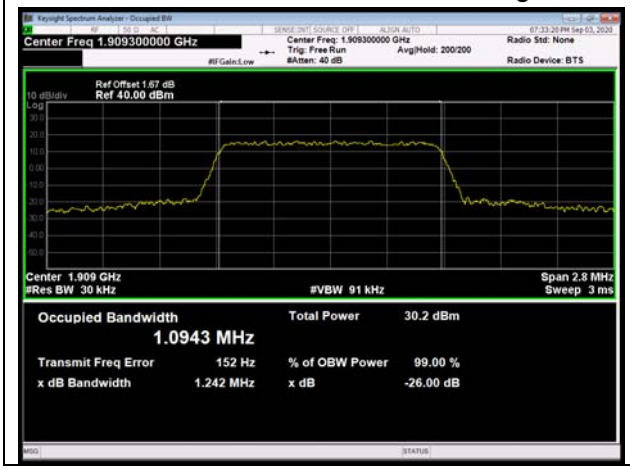
LTE Band 2 1.4MHz QPSK CH-Middle



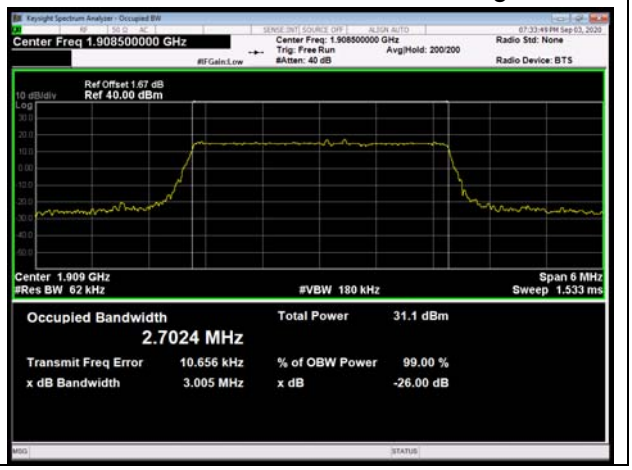
LTE Band 2 3MHz QPSK CH-Middle



LTE Band 2 1.4MHz QPSK CH-High

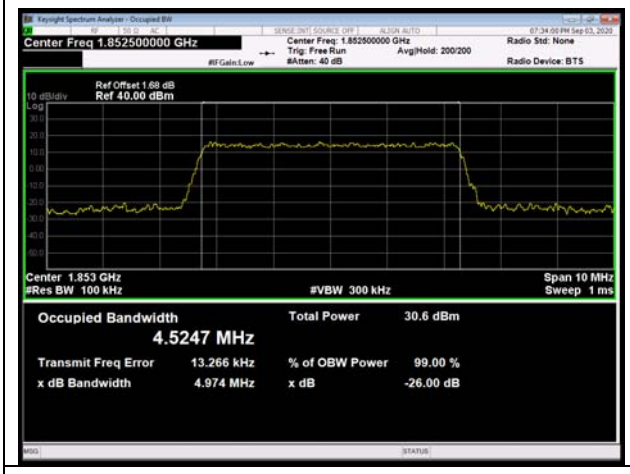


LTE Band 2 3MHz QPSK CH-High

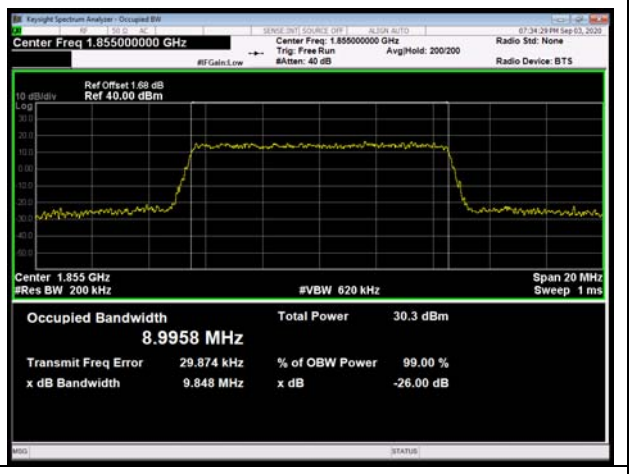


This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

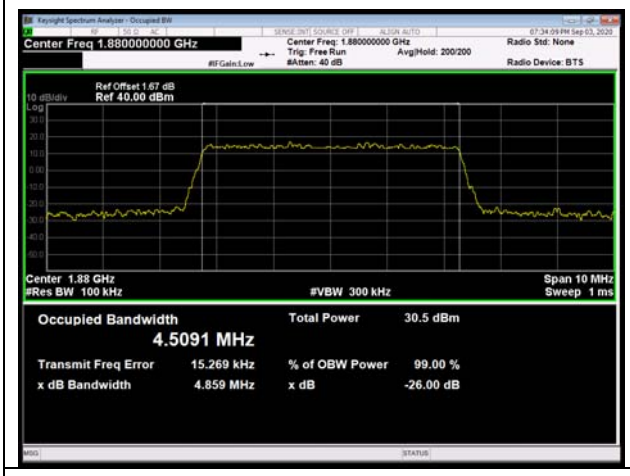
LTE Band 2 5MHz QPSK CH-Low



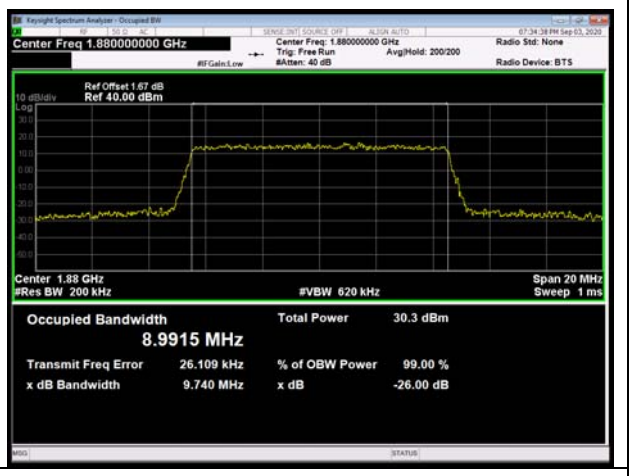
LTE Band 2 10MHz QPSK CH-Low



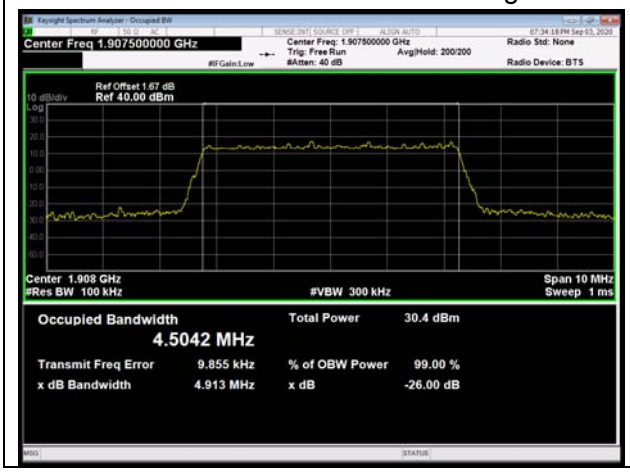
LTE Band 2 5MHz QPSK CH-Middle



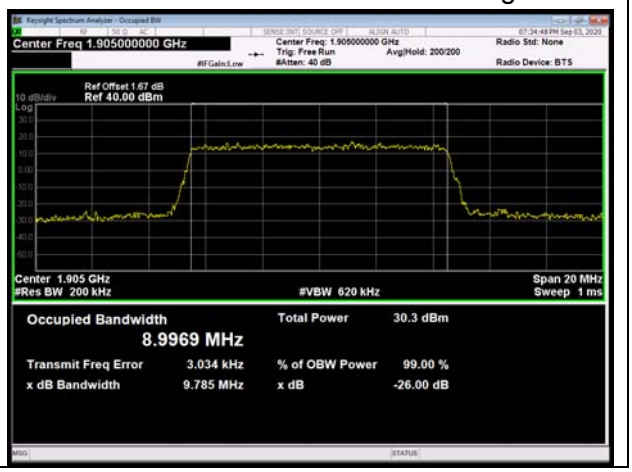
LTE Band 2 10MHz QPSK CH-Middle



LTE Band 2 5MHz QPSK CH-High

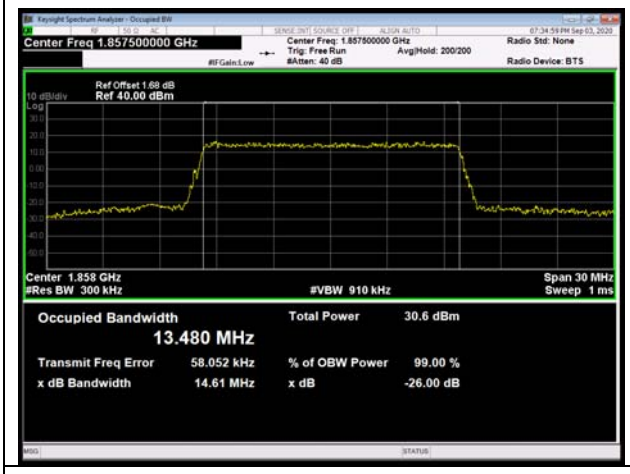


LTE Band 2 10MHz QPSK CH-High

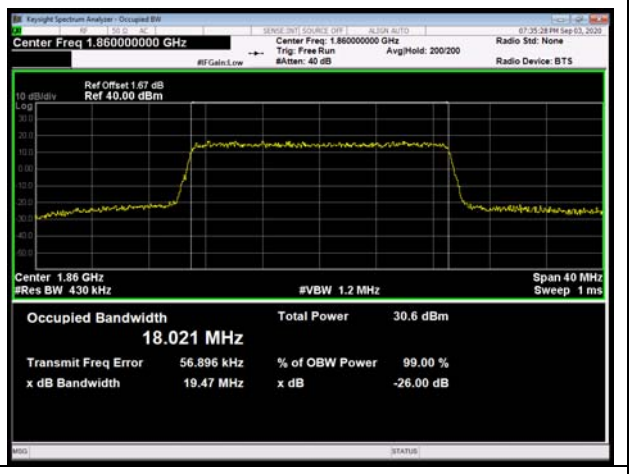


This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

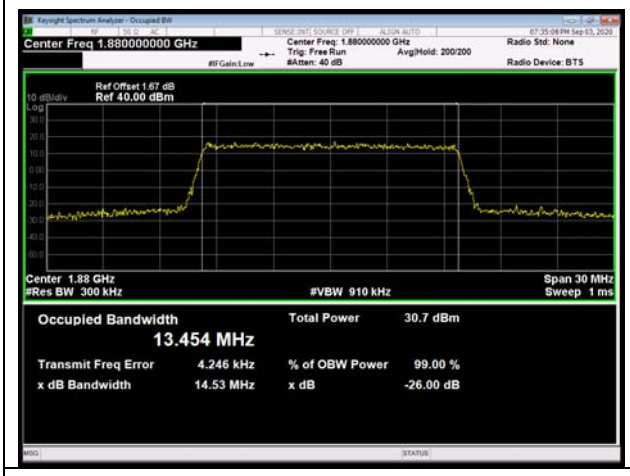
LTE Band 2 15MHz QPSK CH-Low



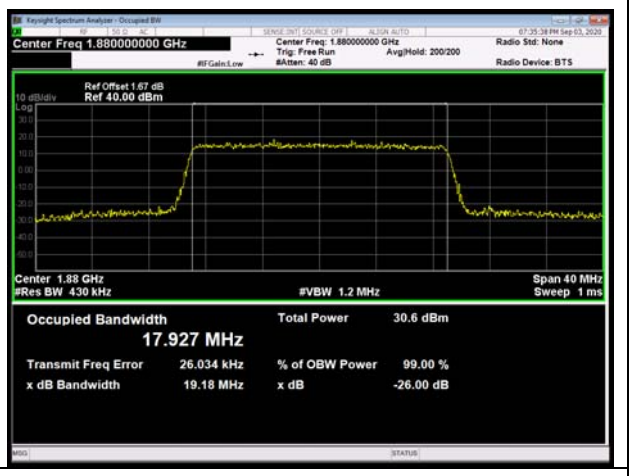
LTE Band 2 20MHz QPSK CH-Low



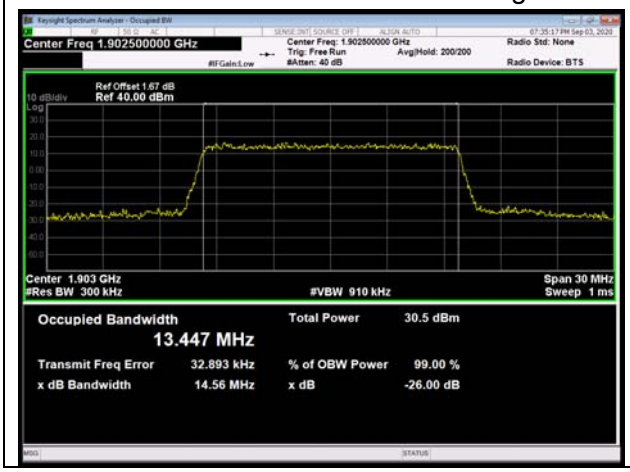
LTE Band 2 15MHz QPSK CH-Middle



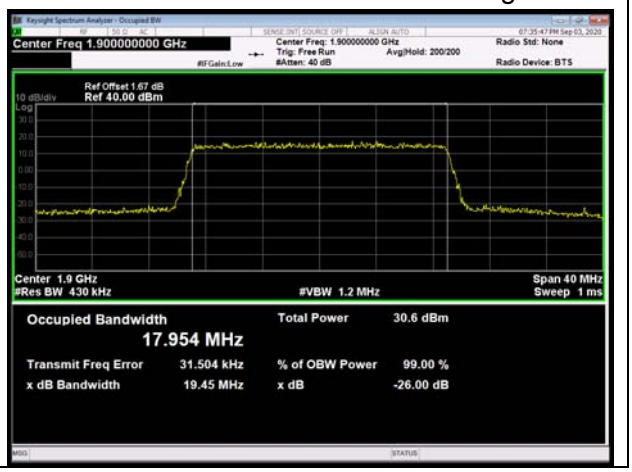
LTE Band 2 20MHz QPSK CH-Middle



LTE Band 2 15MHz QPSK CH-High

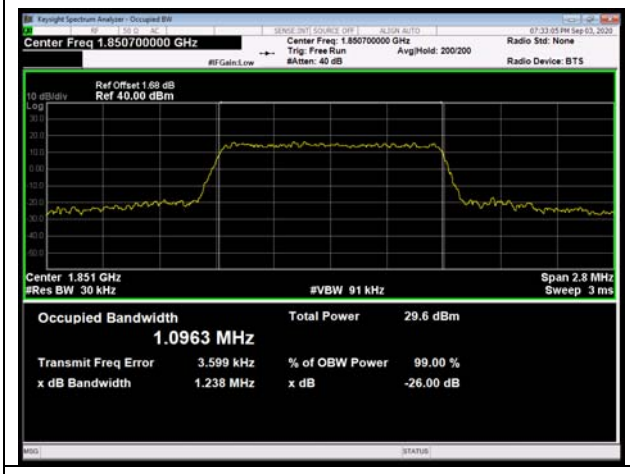


LTE Band 2 20MHz QPSK CH-High

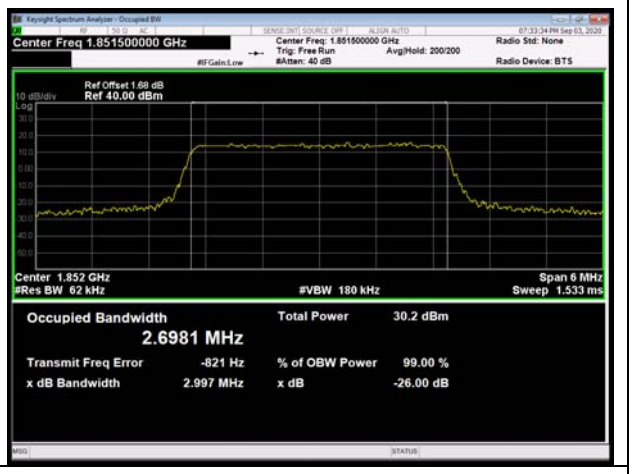


This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

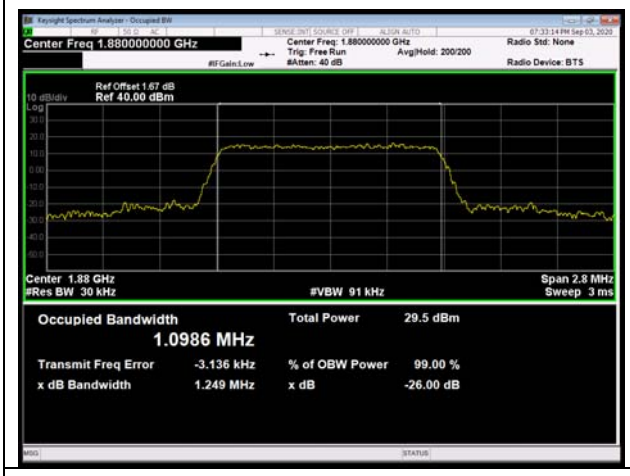
LTE Band 2 1.4MHz 16QAM CH-Low



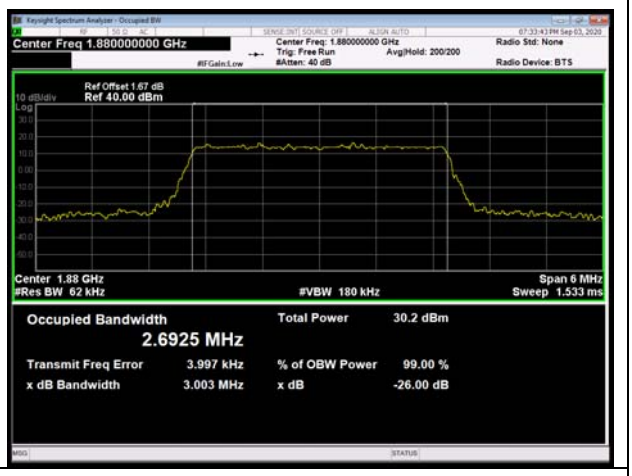
LTE Band 2 3MHz 16QAM CH-Low



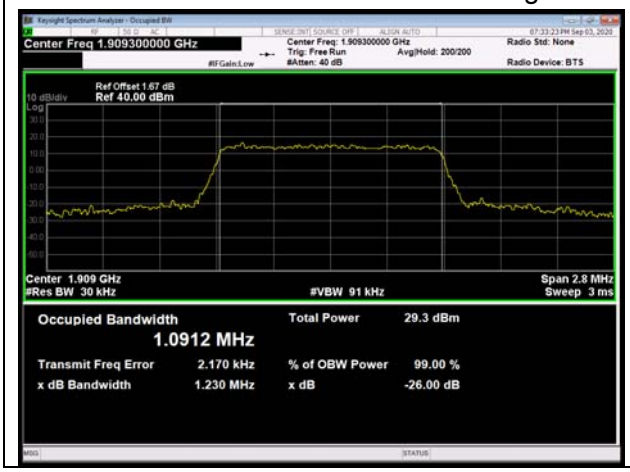
LTE Band 2 1.4MHz 16QAM CH-Middle



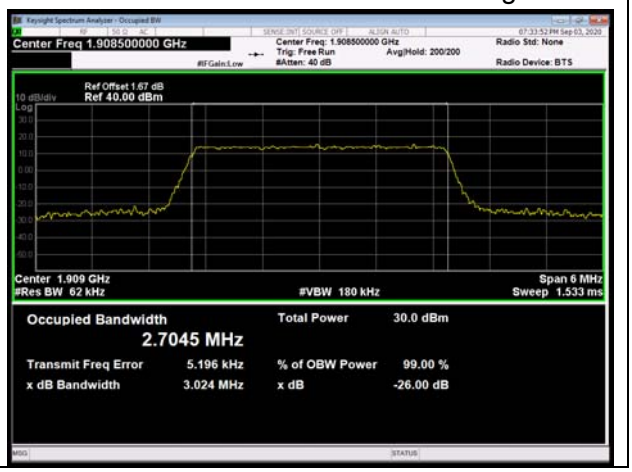
LTE Band 2 3MHz 16QAM CH-Middle



LTE Band 2 1.4MHz 16QAM CH-High

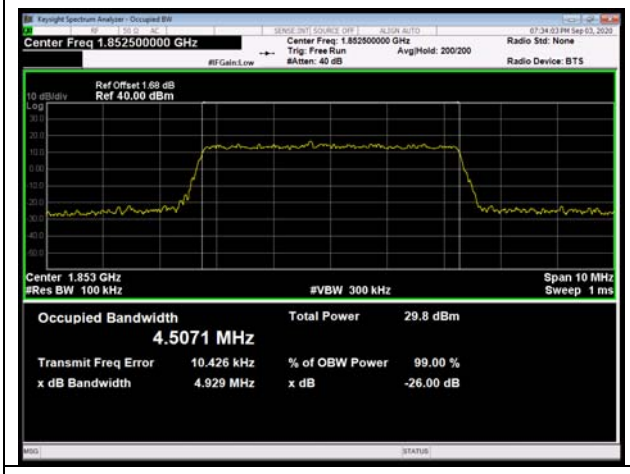


LTE Band 2 3MHz 16QAM CH-High

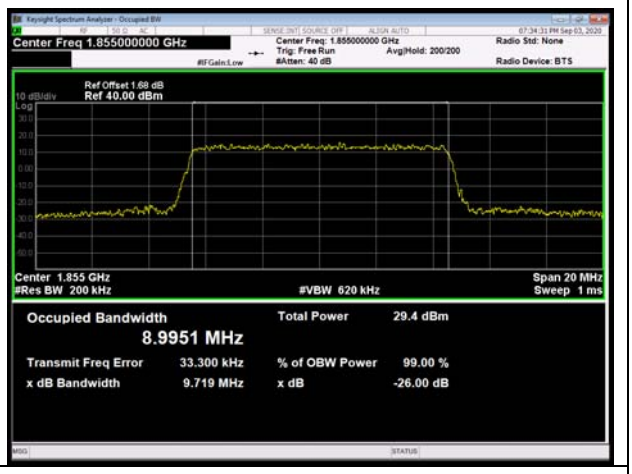


This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

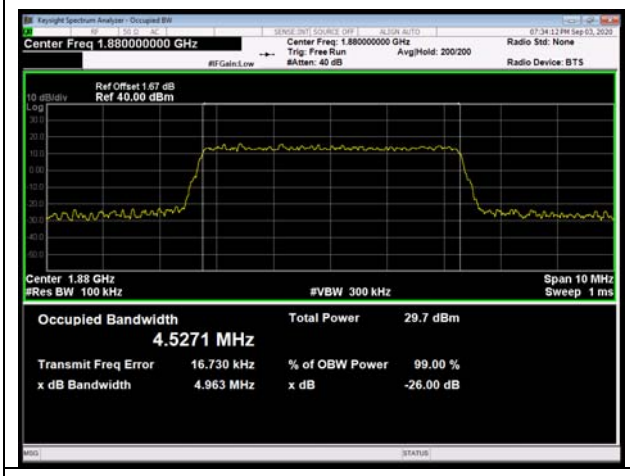
LTE Band 2 5MHz 16QAM CH-Low



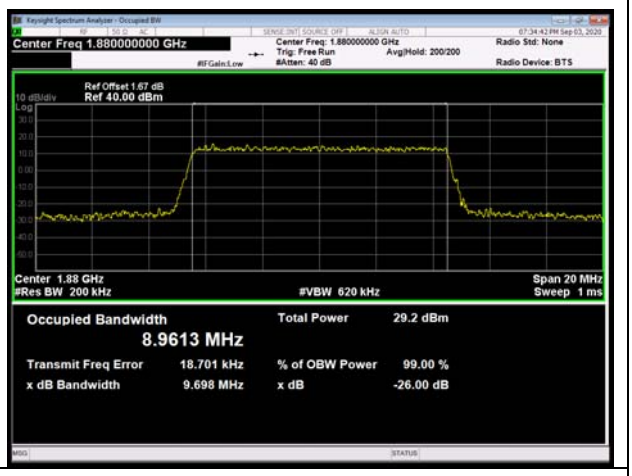
LTE Band 2 10MHz 16QAM CH-Low



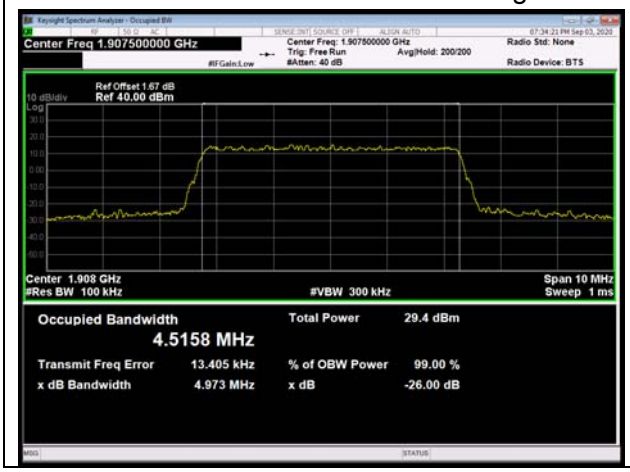
LTE Band 2 5MHz 16QAM CH-Middle



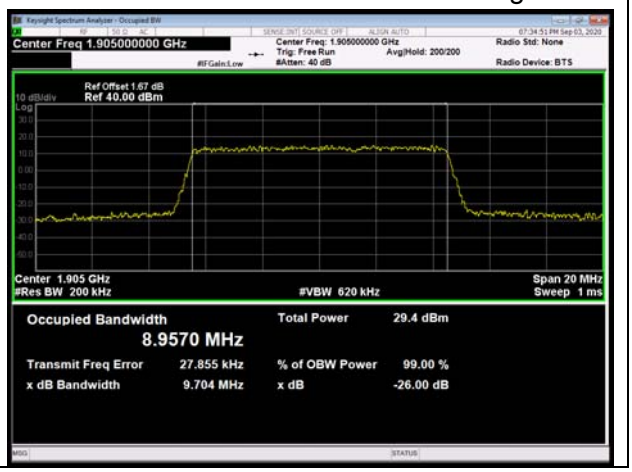
LTE Band 2 10MHz 16QAM CH-Middle



LTE Band 2 5MHz 16QAM CH-High

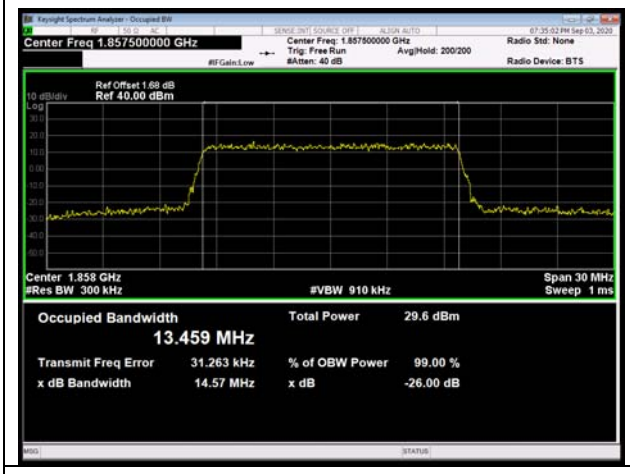


LTE Band 2 10MHz 16QAM CH-High

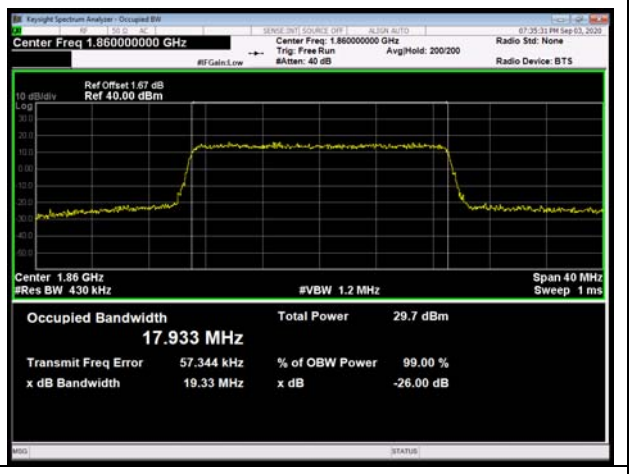


This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

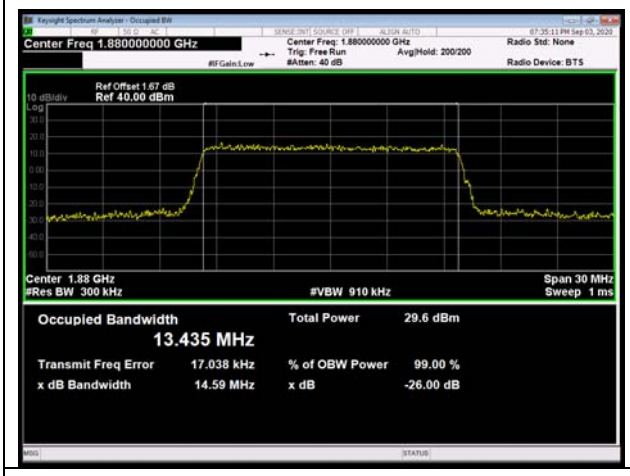
LTE Band 2 15MHz 16QAM CH-Low



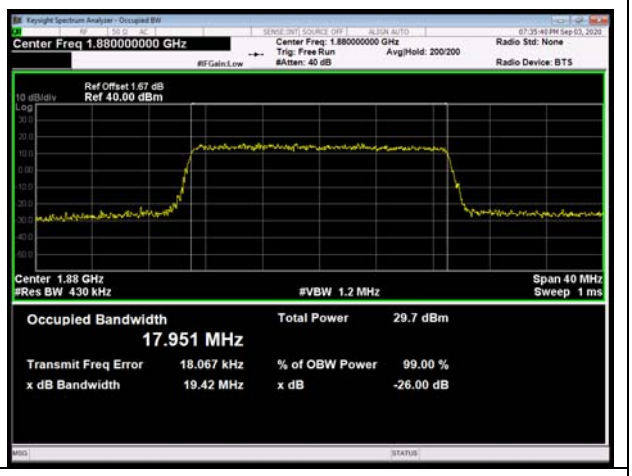
LTE Band 2 20MHz 16QAM CH-Low



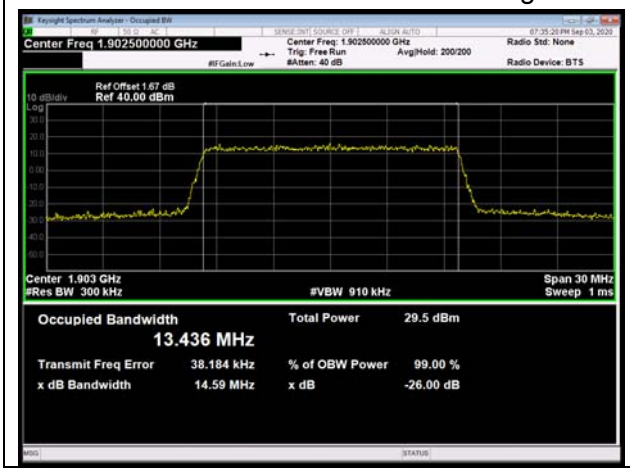
LTE Band 2 15MHz 16QAM CH-Middle



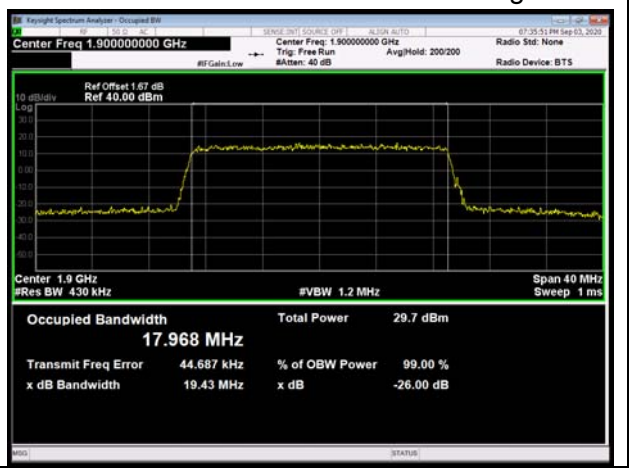
LTE Band 2 20MHz 16QAM CH-Middle



LTE Band 2 15MHz 16QAM CH-High

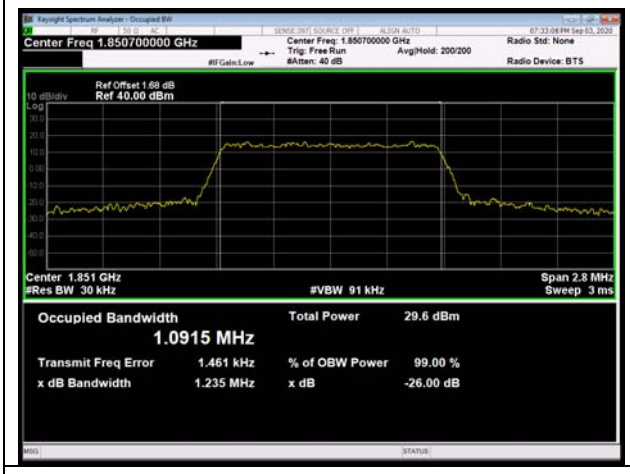


LTE Band 2 20MHz 16QAM CH-High

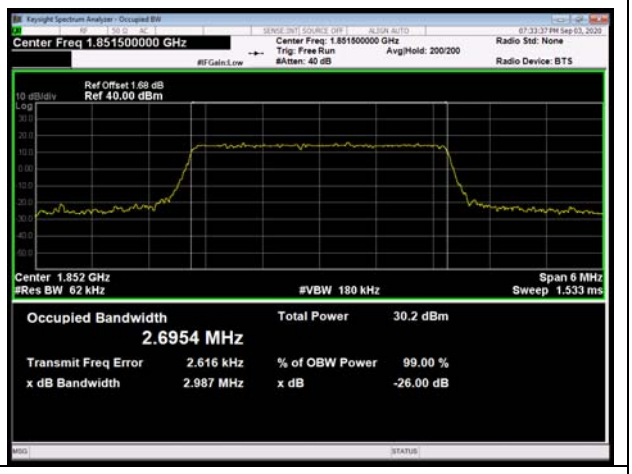


This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

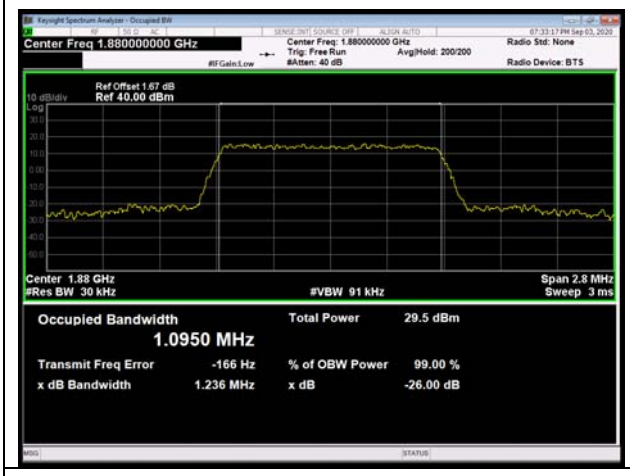
LTE Band 2 1.4MHz 64QAM CH-Low



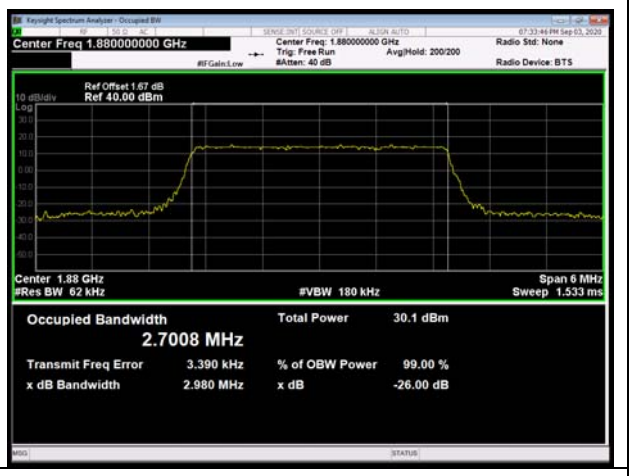
LTE Band 2 3MHz 64QAM CH-Low



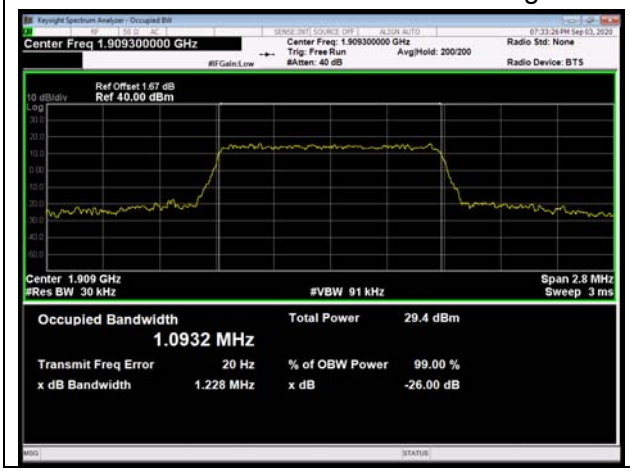
LTE Band 2 1.4MHz 64QAM CH-Middle



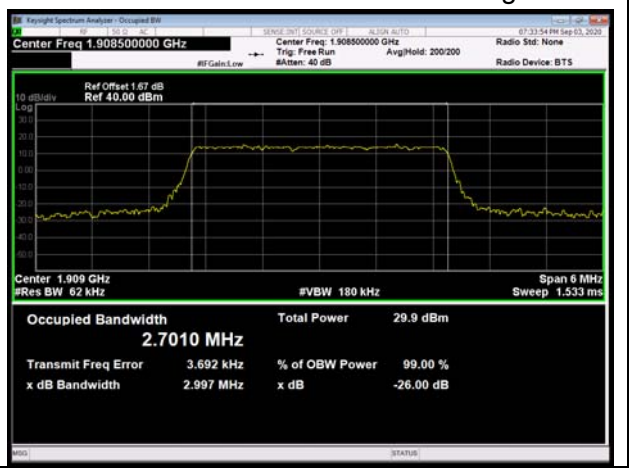
LTE Band 2 3MHz 64QAM CH-Middle



LTE Band 2 1.4MHz 64QAM CH-High

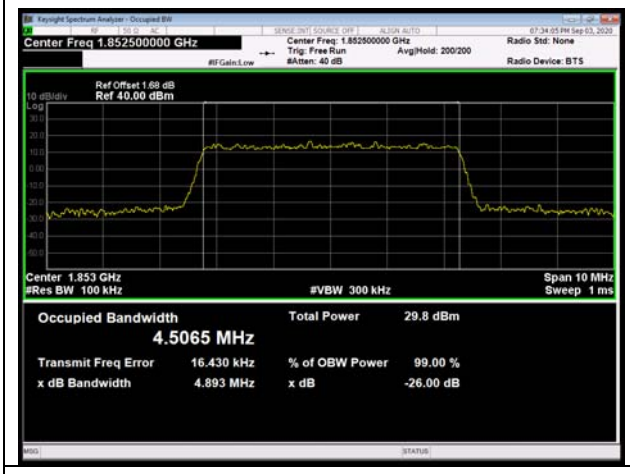


LTE Band 2 3MHz 64QAM CH-High

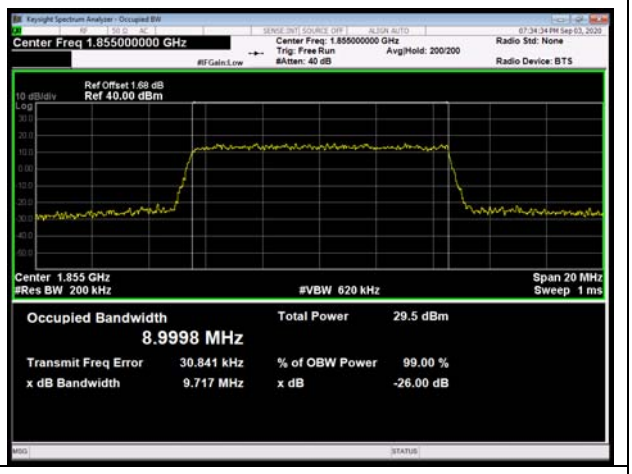


This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

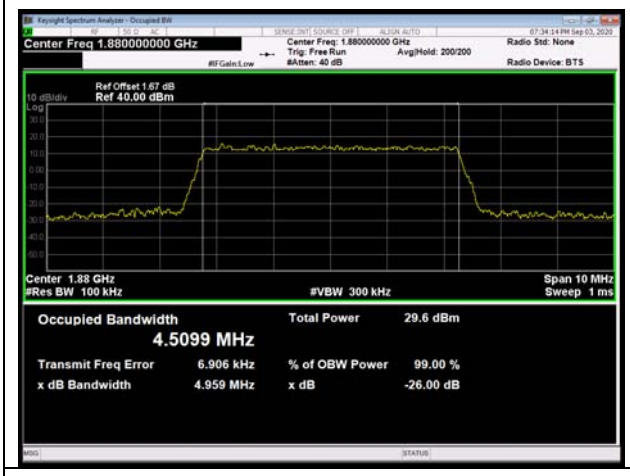
LTE Band 2 5MHz 64QAM CH-Low



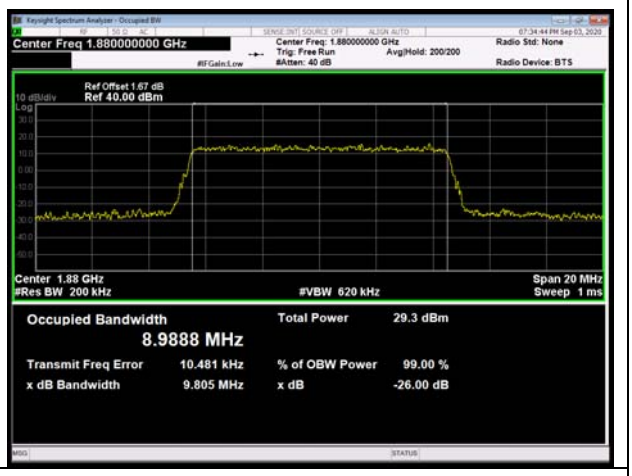
LTE Band 2 10MHz 64QAM CH-Low



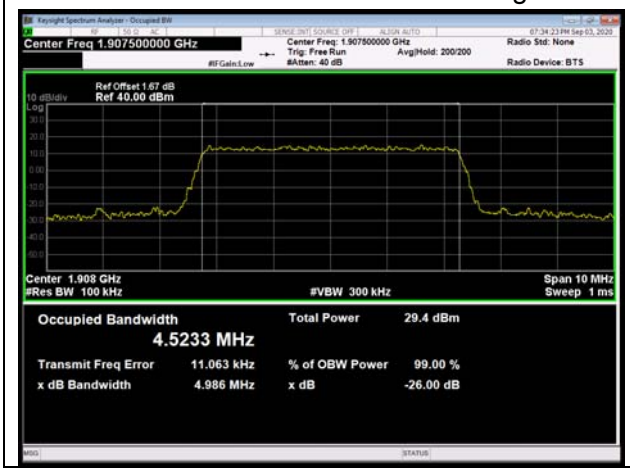
LTE Band 2 5MHz 64QAM CH-Middle



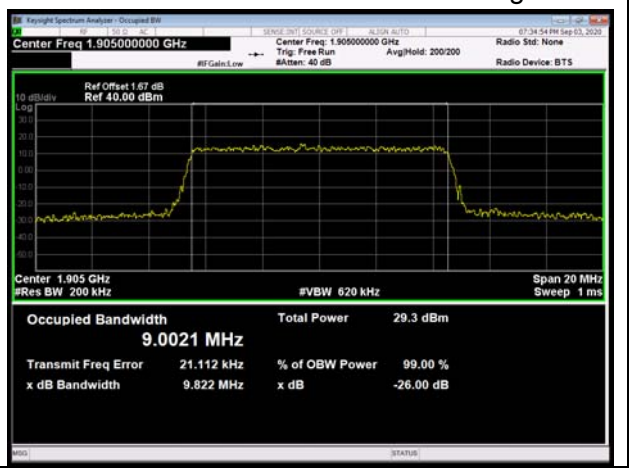
LTE Band 2 10MHz 64QAM CH-Middle



LTE Band 2 5MHz 64QAM CH-High

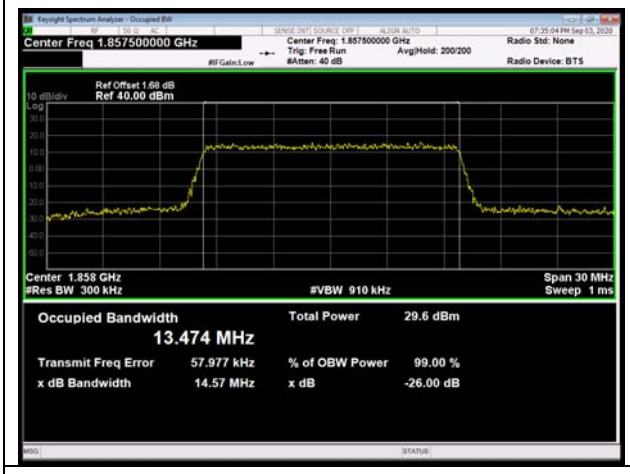


LTE Band 2 10MHz 64QAM CH-High

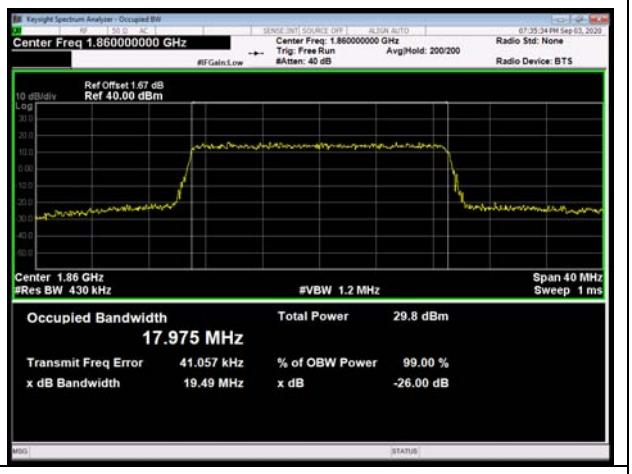


This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

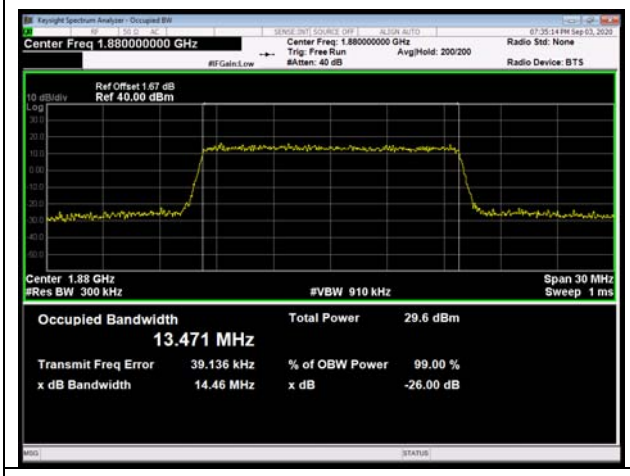
LTE Band 2 15MHz 64QAM CH-Low



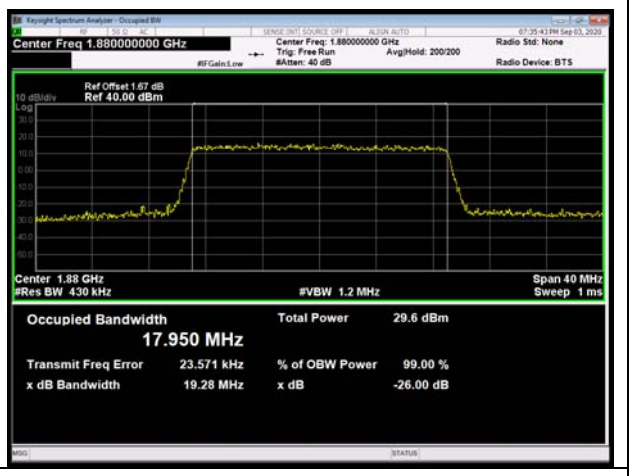
LTE Band 2 20MHz 64QAM CH-Low



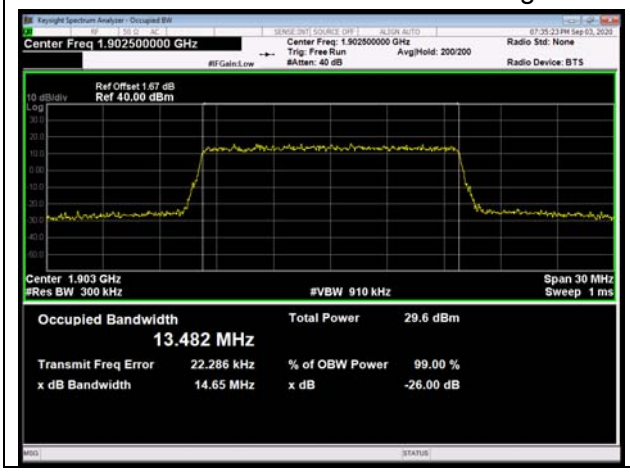
LTE Band 2 15MHz 64QAM CH-Middle



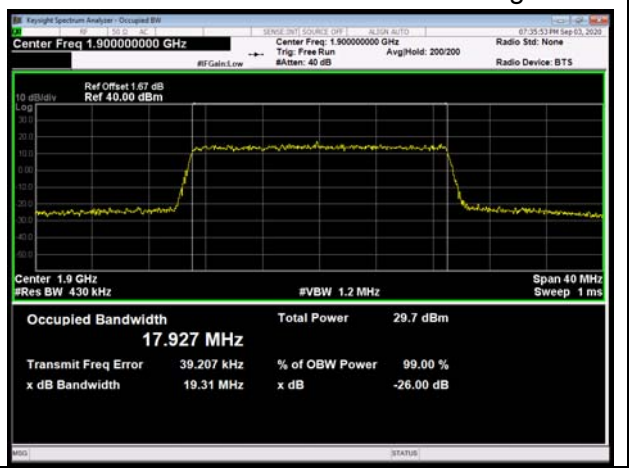
LTE Band 2 20MHz 64QAM CH-Middle



LTE Band 2 15MHz 64QAM CH-High

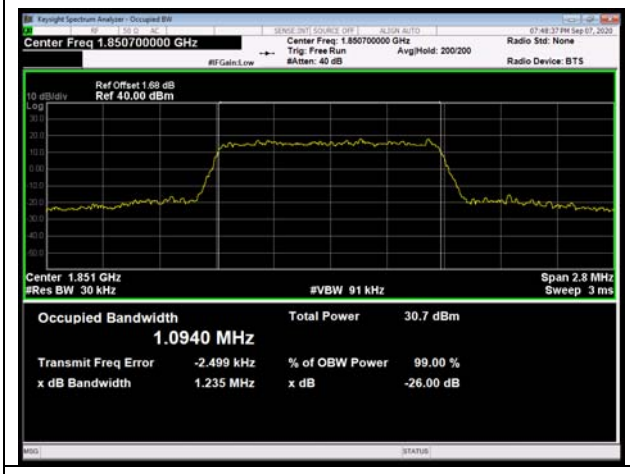


LTE Band 2 20MHz 64QAM CH-High



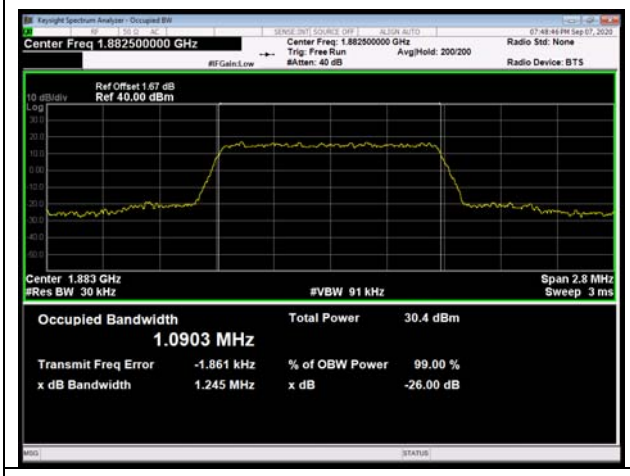
This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band 25 1.4MHz QPSK CH-Low

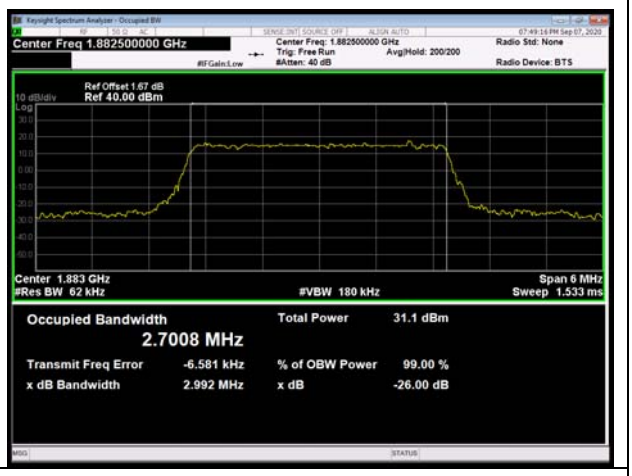


LTE Band 25 3MHz QPSK CH-Low

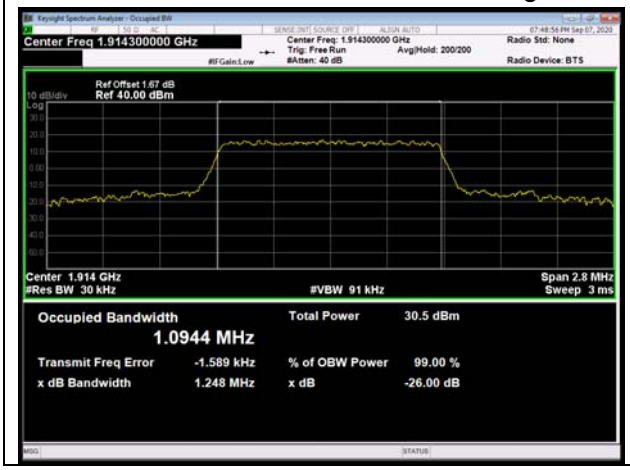
LTE Band 25 1.4MHz QPSK CH-Middle



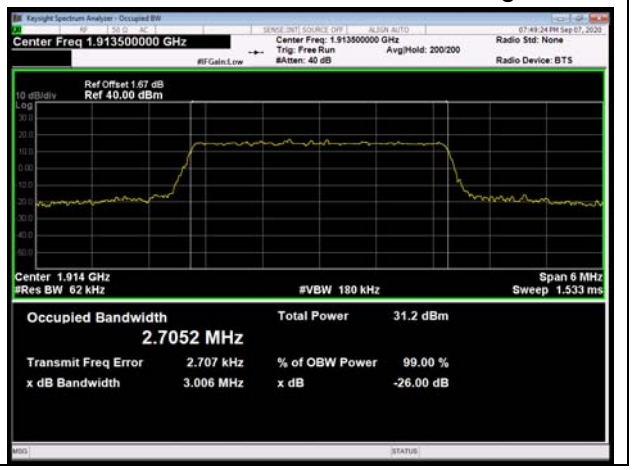
LTE Band 25 3MHz QPSK CH-Middle



LTE Band 25 1.4MHz QPSK CH-High

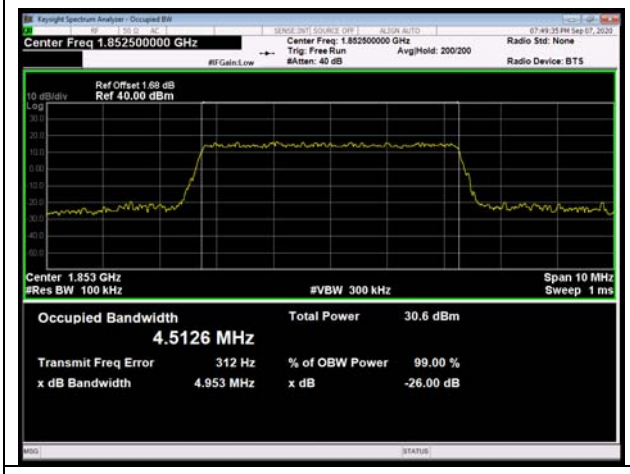


LTE Band 25 3MHz QPSK CH-High

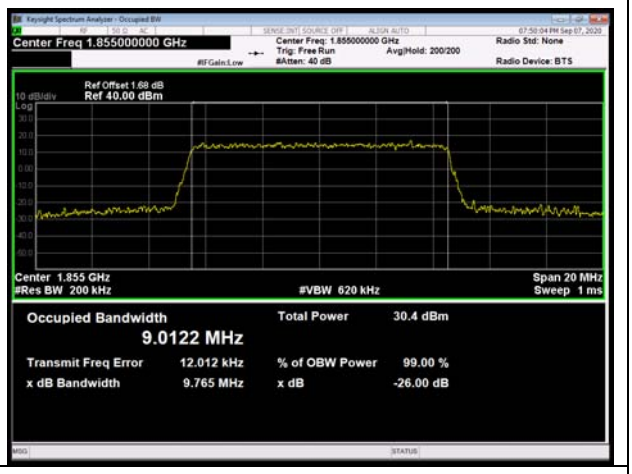


This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

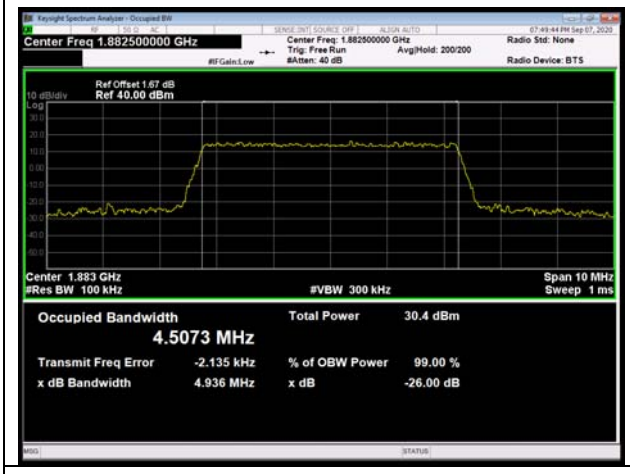
LTE Band 25 5MHz QPSK CH-Low



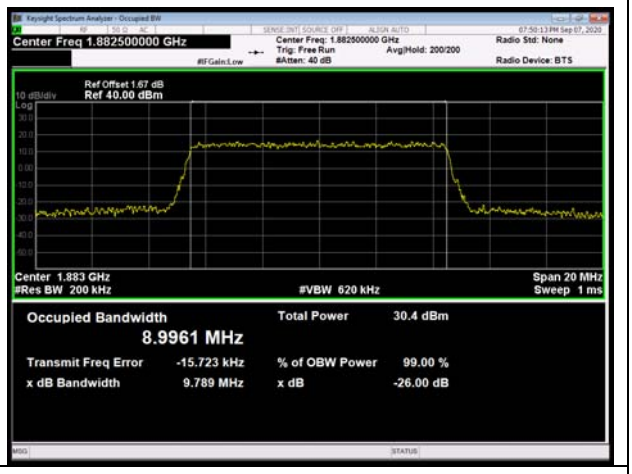
LTE Band 25 10MHz QPSK CH-Low



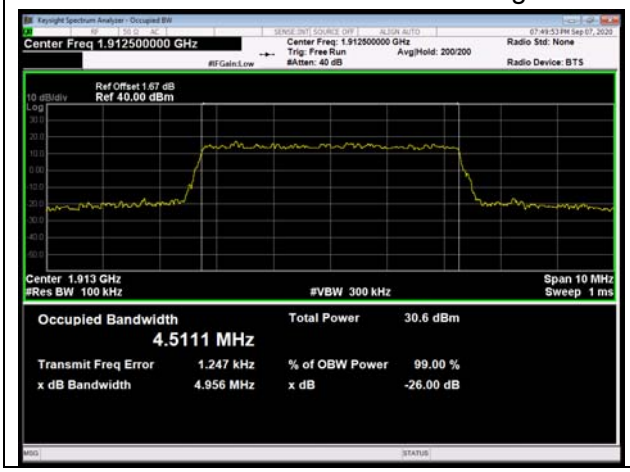
LTE Band 25 5MHz QPSK CH-Middle



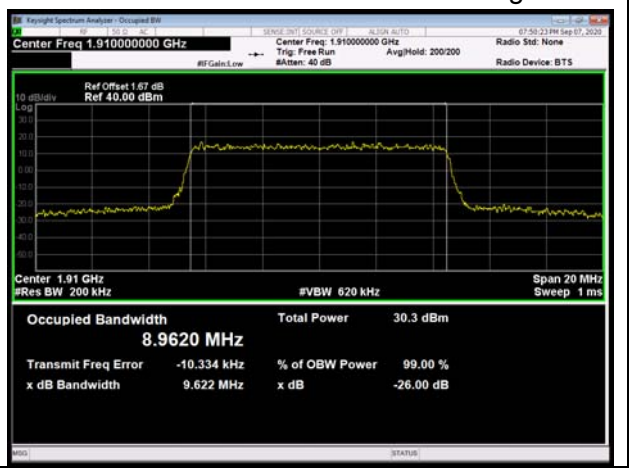
LTE Band 25 10MHz QPSK CH-Middle



LTE Band 25 5MHz QPSK CH-High

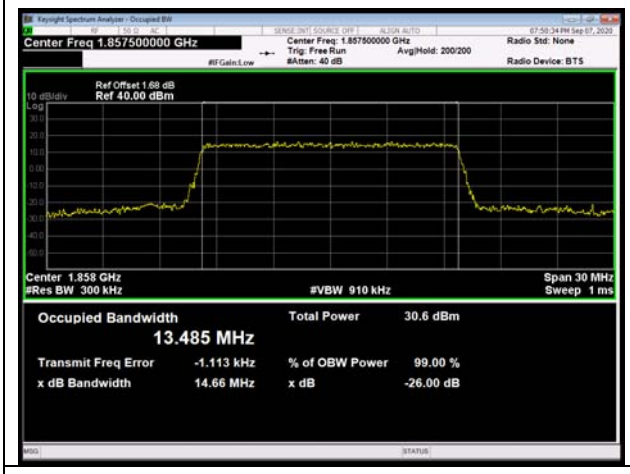


LTE Band 25 10MHz QPSK CH-High

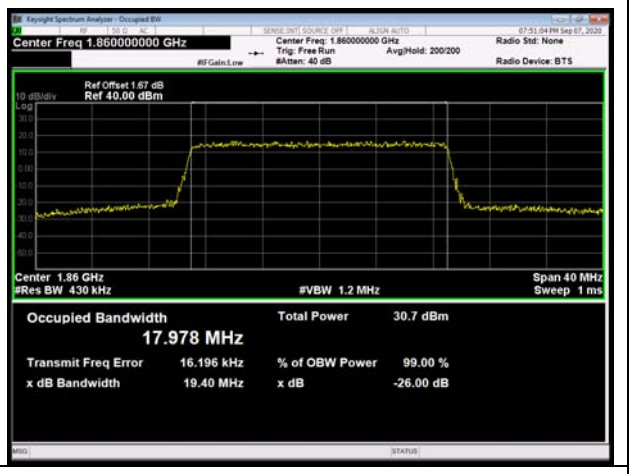


This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band 25 15MHz QPSK CH-Low



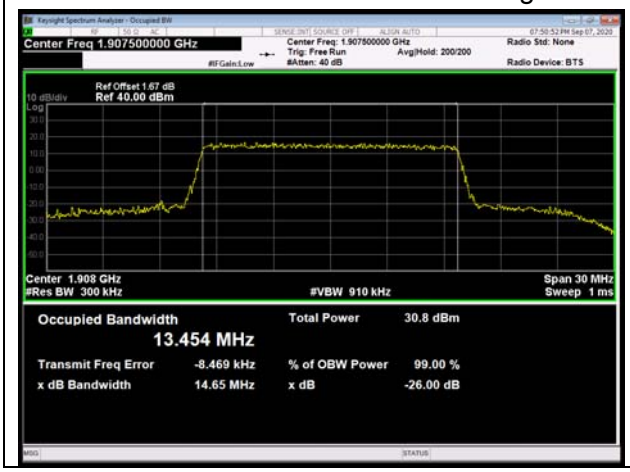
LTE Band 25 20MHz QPSK CH-Low



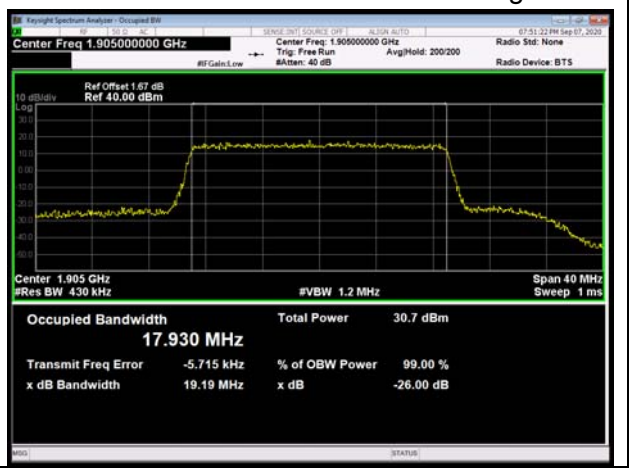
LTE Band 25 15MHz QPSK CH-Middle

LTE Band 25 20MHz QPSK CH-Middle

LTE Band 25 15MHz QPSK CH-High

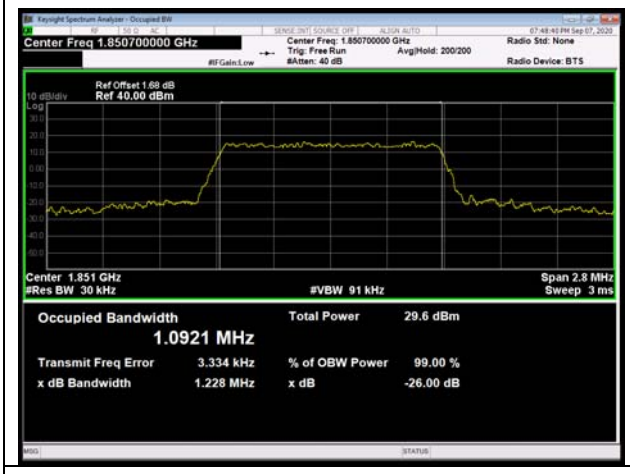


LTE Band 25 20MHz QPSK CH-High



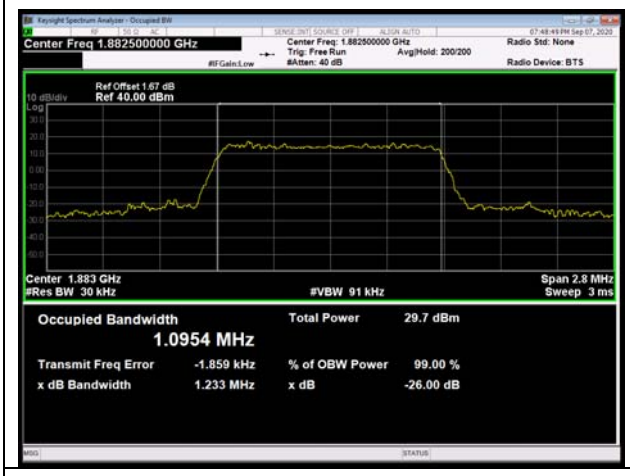
This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band 25 1.4MHz 16QAM CH-Low

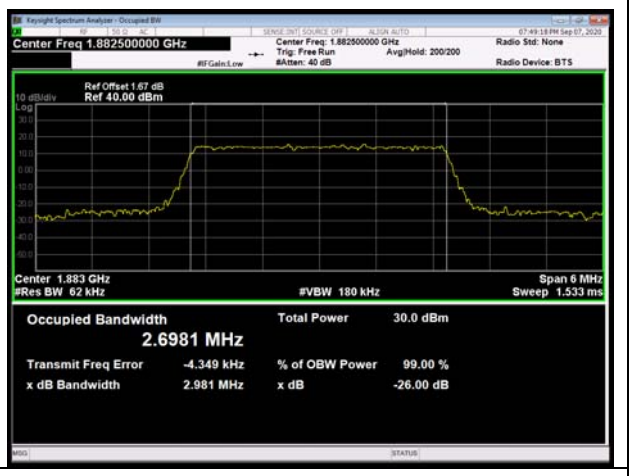


LTE Band 25 3MHz 16QAM CH-Low

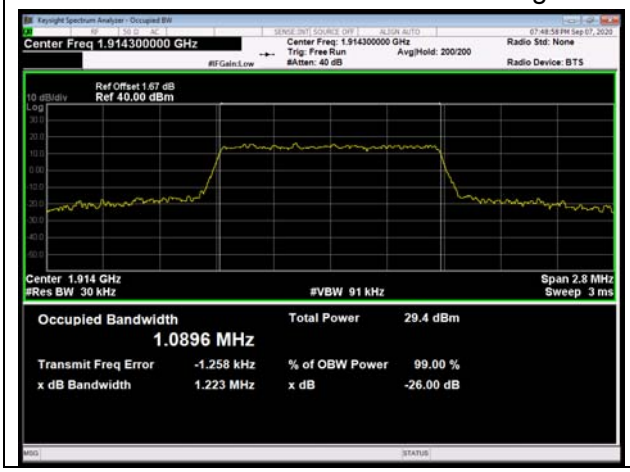
LTE Band 25 1.4MHz 16QAM CH-Middle



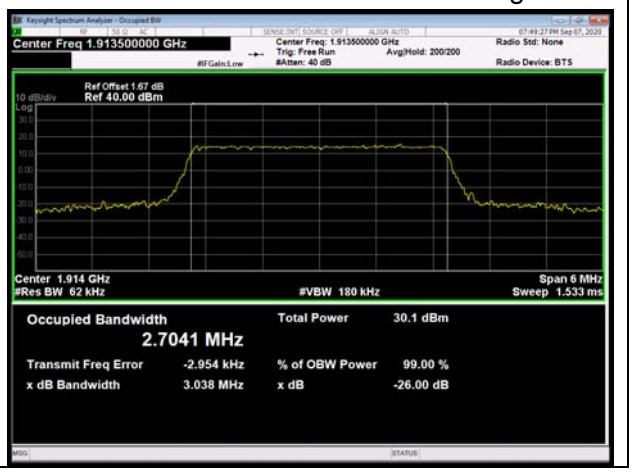
LTE Band 25 3MHz 16QAM CH-Middle



LTE Band 25 1.4MHz 16QAM CH-High

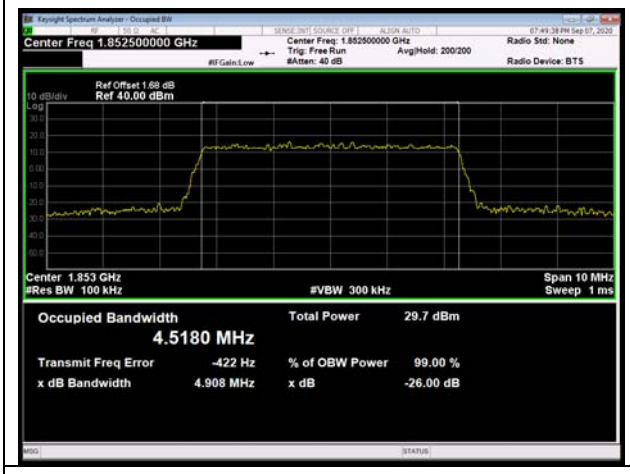


LTE Band 25 3MHz 16QAM CH-High

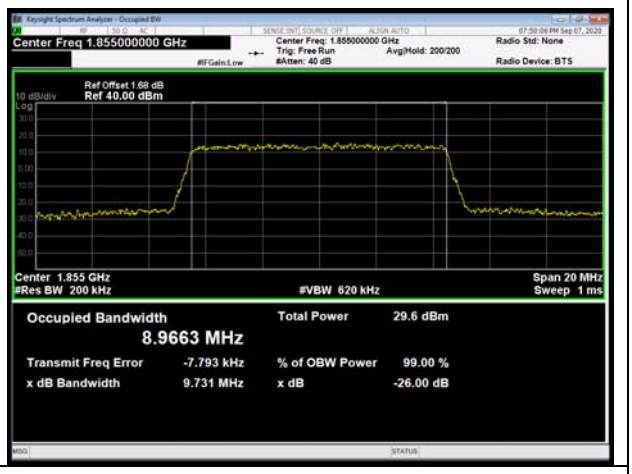


This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

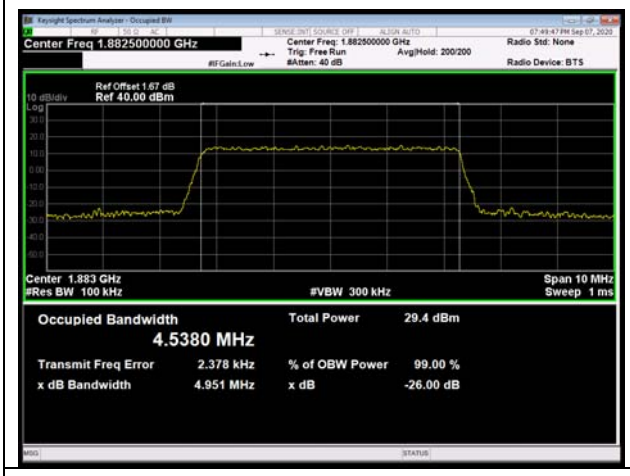
LTE Band 25 5MHz 16QAM CH-Low



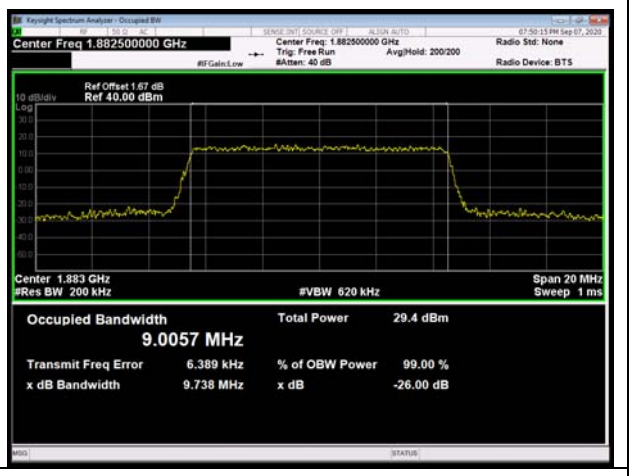
LTE Band 25 10MHz 16QAM CH-Low



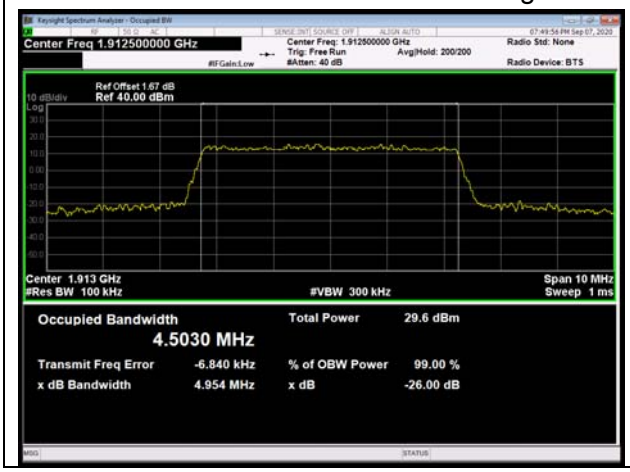
LTE Band 25 5MHz 16QAM CH-Middle



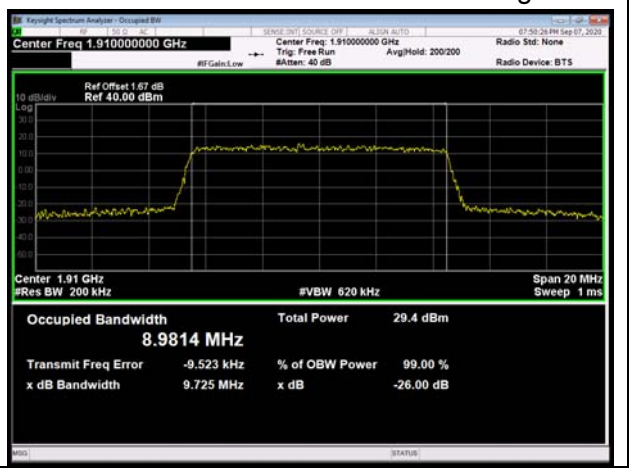
LTE Band 25 10MHz 16QAM CH-Middle



LTE Band 25 5MHz 16QAM CH-High

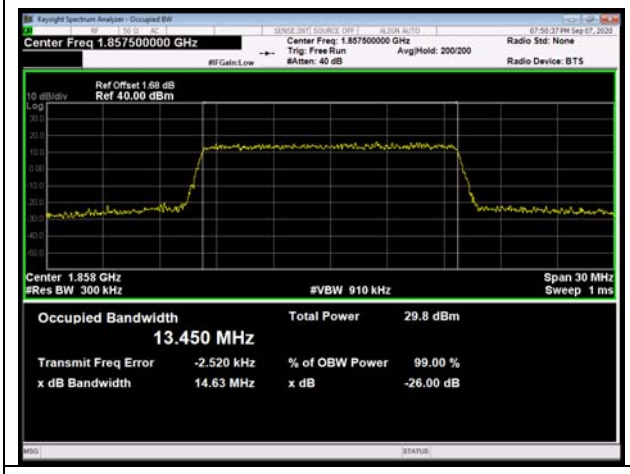


LTE Band 25 10MHz 16QAM CH-High



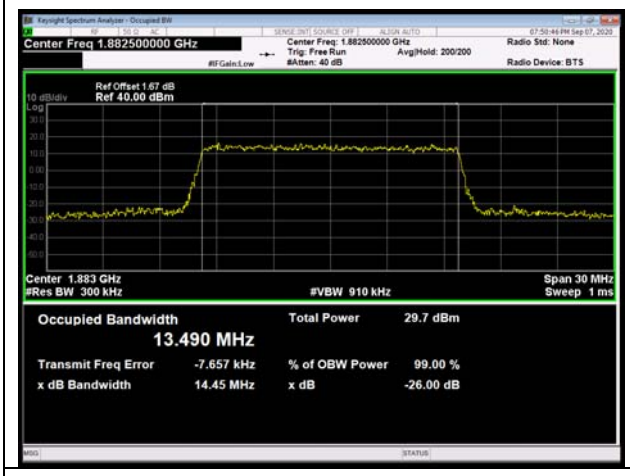
This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band 25 15MHz 16QAM CH-Low

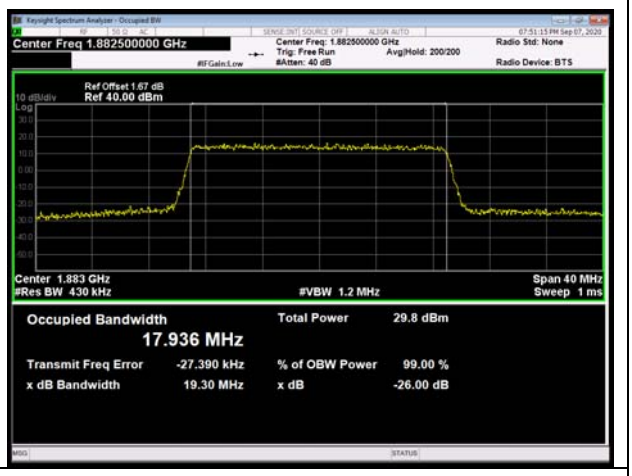


LTE Band 25 20MHz 16QAM CH-Low

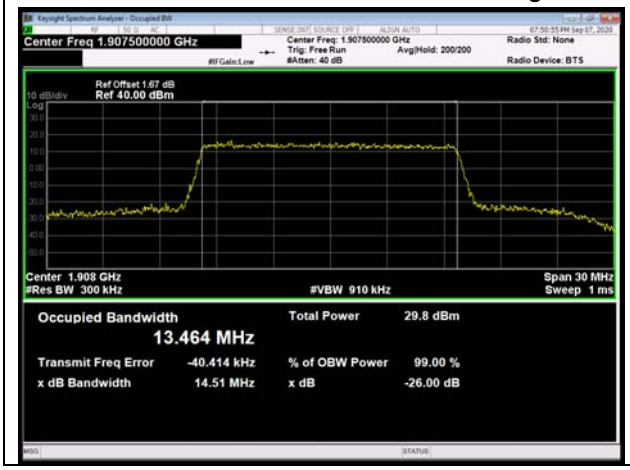
LTE Band 25 15MHz 16QAM CH-Middle



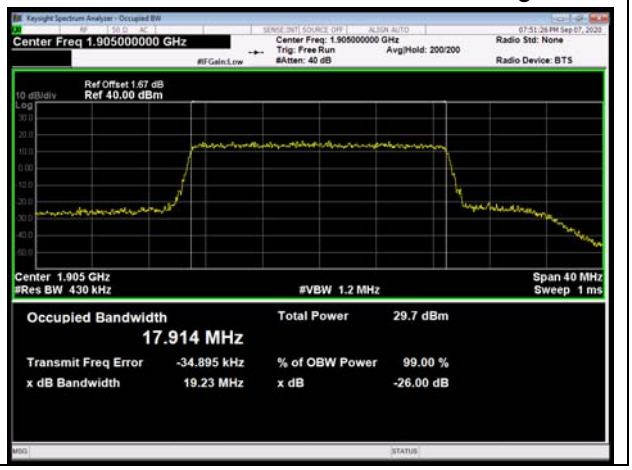
LTE Band 25 20MHz 16QAM CH-Middle



LTE Band 25 15MHz 16QAM CH-High



LTE Band 25 20MHz 16QAM CH-High

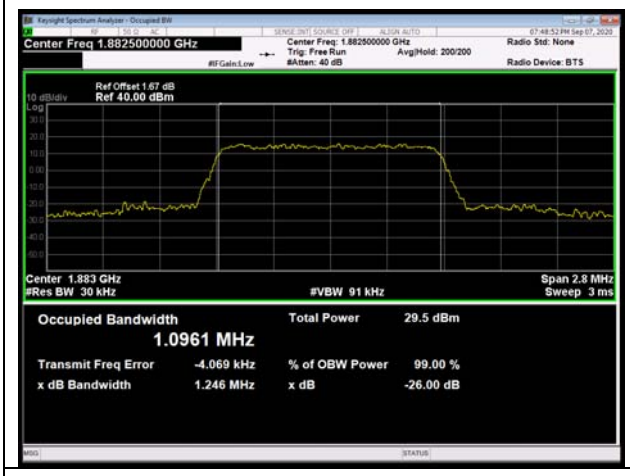


This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

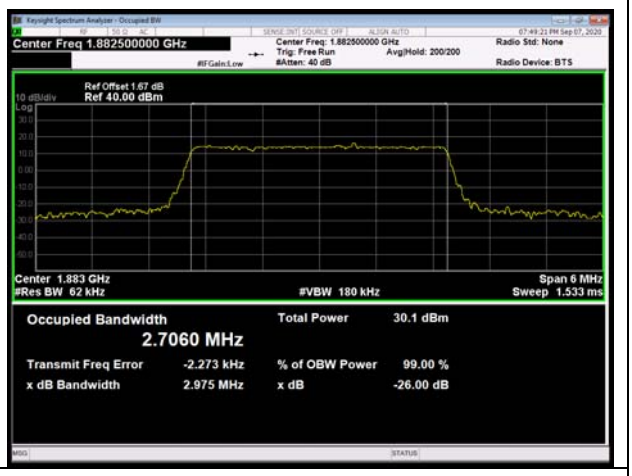
LTE Band 25 1.4MHz 64QAM CH-Low

LTE Band 25 3MHz 64QAM CH-Low

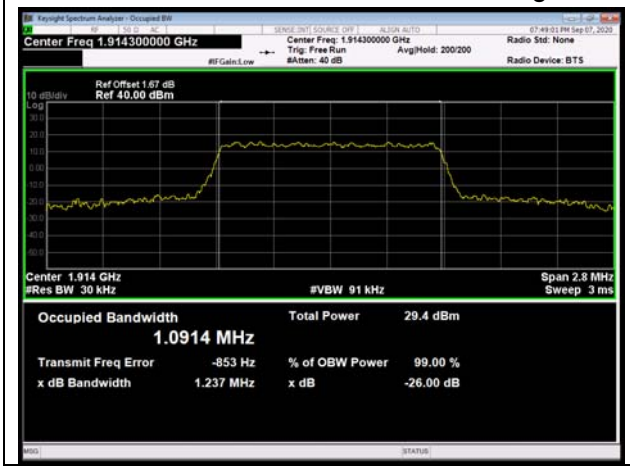
LTE Band 25 1.4MHz 64QAM CH-Middle



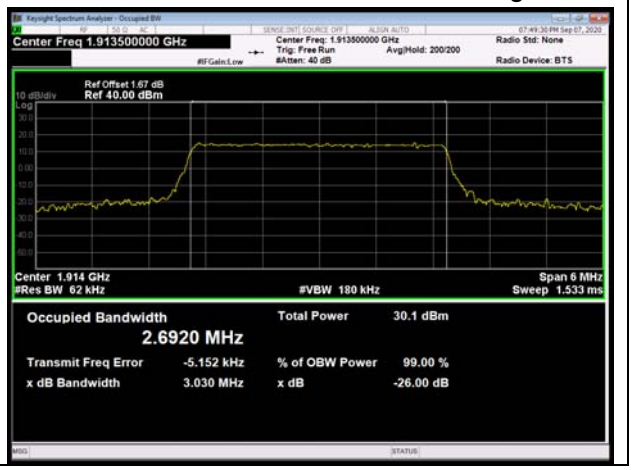
LTE Band 25 3MHz 64QAM CH-Middle



LTE Band 25 1.4MHz 64QAM CH-High

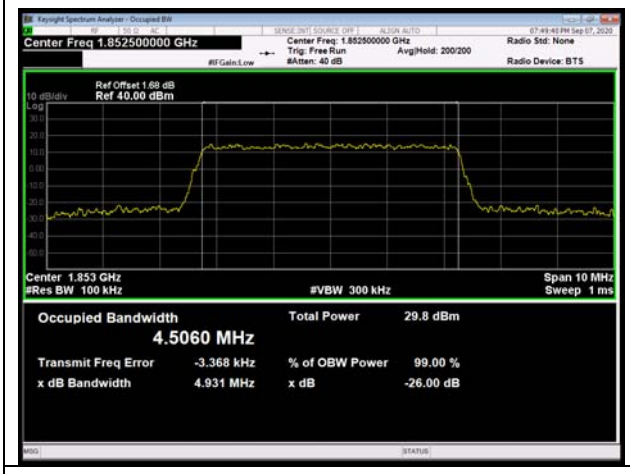


LTE Band 25 3MHz 64QAM CH-High

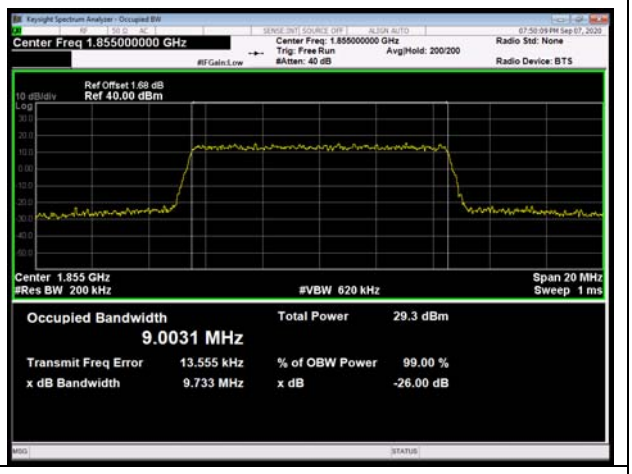


This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

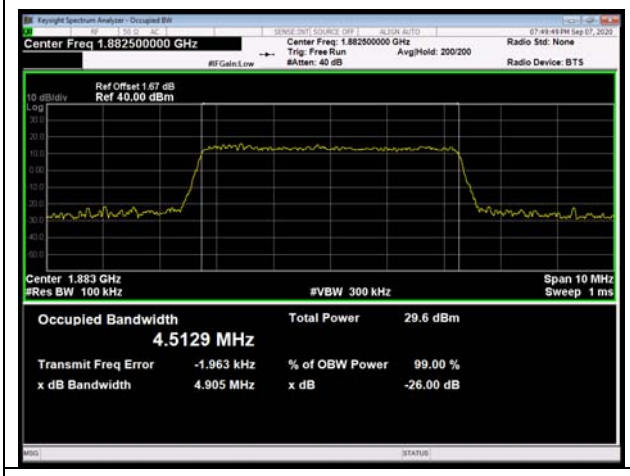
LTE Band 25 5MHz 64QAM CH-Low



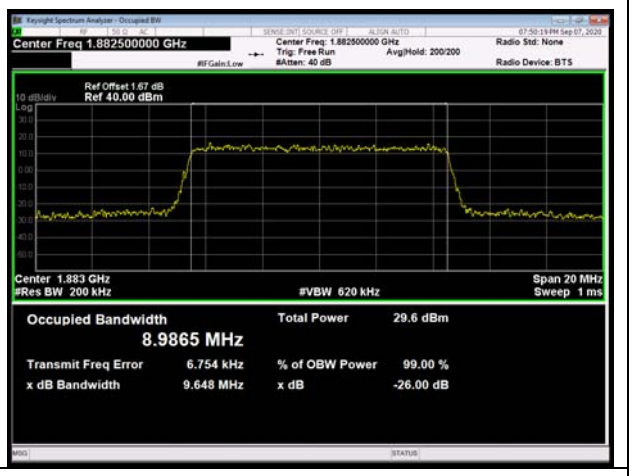
LTE Band 25 10MHz 64QAM CH-Low



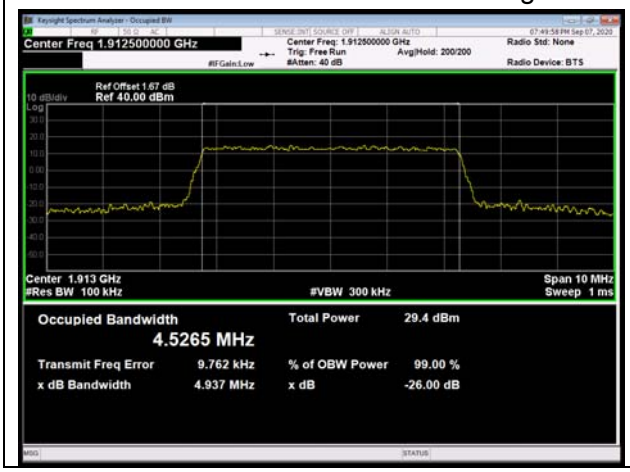
LTE Band 25 5MHz 64QAM CH-Middle



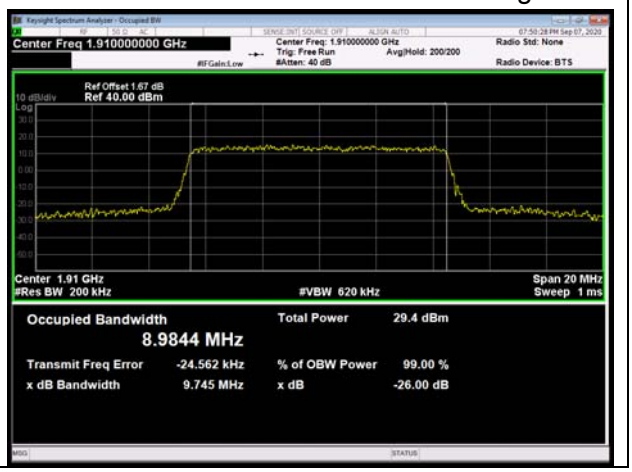
LTE Band 25 10MHz 64QAM CH-Middle



LTE Band 25 5MHz 64QAM CH-High

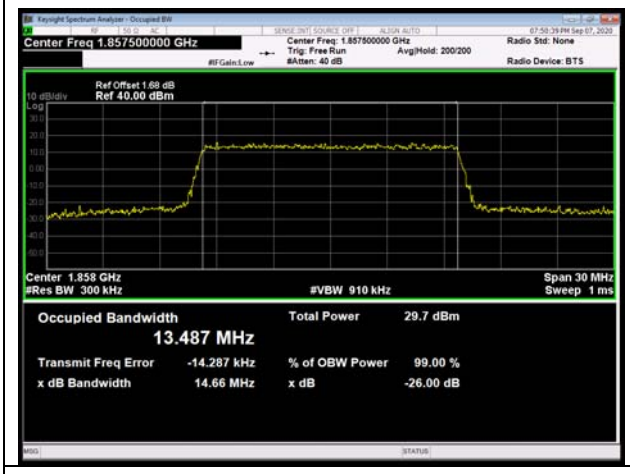


LTE Band 25 10MHz 64QAM CH-High

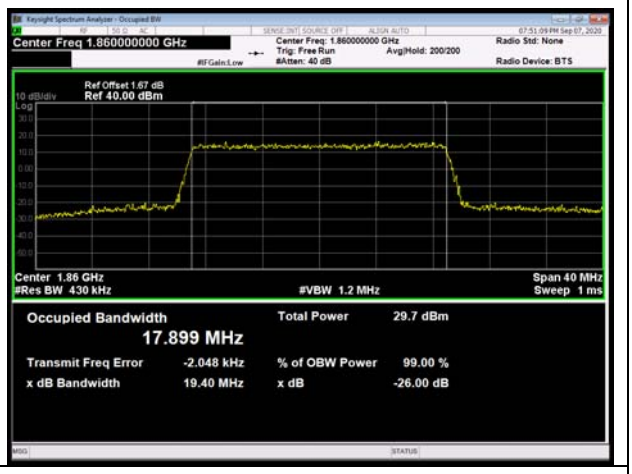


This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

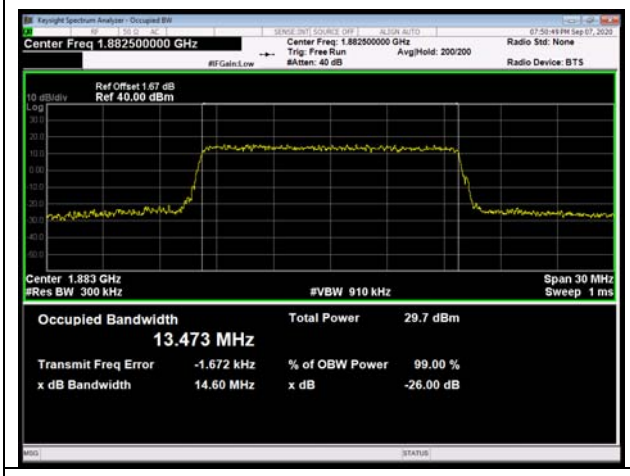
LTE Band 25 15MHz 64QAM CH-Low



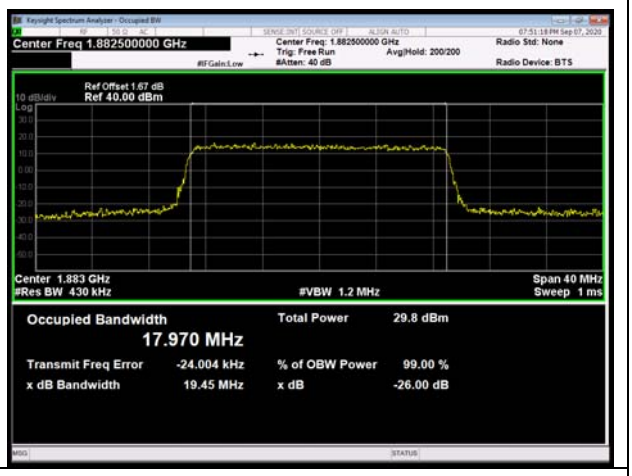
LTE Band 25 20MHz 64QAM CH-Low



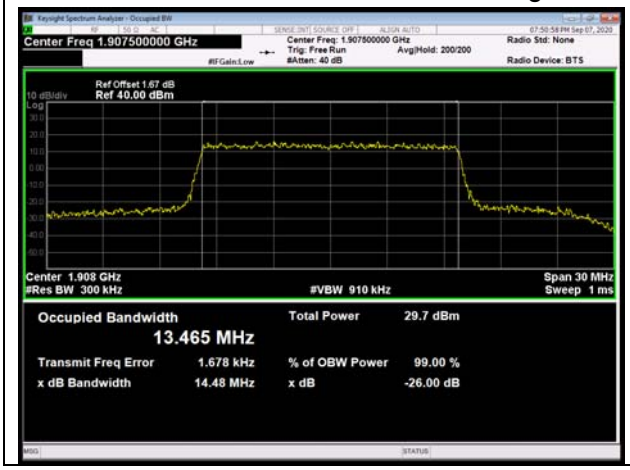
LTE Band 25 15MHz 64QAM CH-Middle



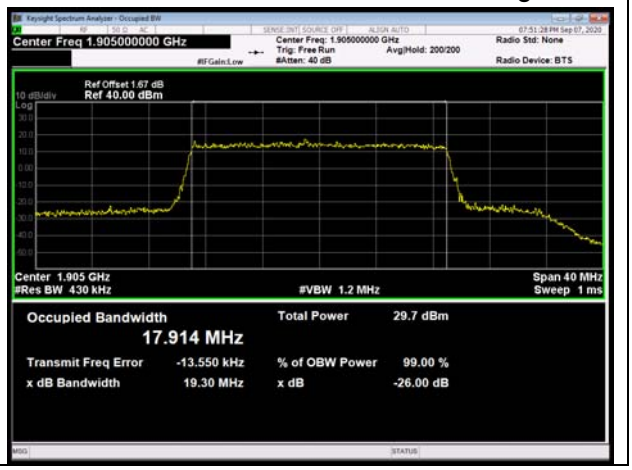
LTE Band 25 20MHz 64QAM CH-Middle



LTE Band 25 15MHz 64QAM CH-High



LTE Band 25 20MHz 64QAM CH-High



This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

5.3. Band Edge Compliance

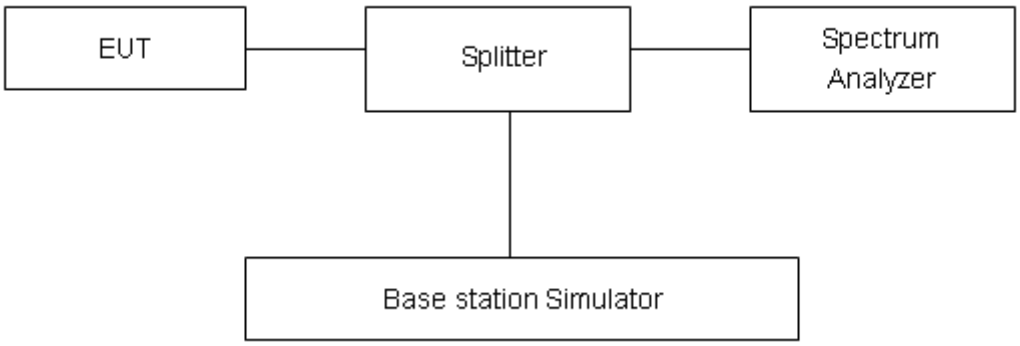
Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Method of Measurement

The EUT was connected to Spectrum Analyzer and Base Station Simulator via power Splitter. The band edge of the lowest and highest channels were measured. The Average detector is used and
RBW is set to 3kHz, VBW is set to 10kHz for GSM 1900,
RBW is set to 51kHz, VBW is set to 160kHz for WCDMA Band II,
RBW is set to 15kHz, VBW is set to 43kHz for LTE Band 2/25 (1.4MHz),
RBW is set to 30kHz,VBW is set to 91kHz for LTE Band 2/25 (3MHz),
RBW is set to 51kHz,VBW is set to 150kHz for LTE Band 2/25 (5MHz),
RBW is set to 100kHz,VBW is set to 300kHz for LTE Band 2/25 (10MHz),
RBW is set to 150kHz,VBW is set to 470kHz for LTE Band 2/25 (15MHz),
RBW is set to 200kHz,VBW is set to 620kHz for LTE Band 2/25 (20MHz).
Spectrum analyzer plots are included on the following pages.

Test Setup



Limits

Rule Part 24.238(a) specifies that “on any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least 43 + 10 log10 (P) dB.”

Limit	-13 dBm

Measurement Uncertainty

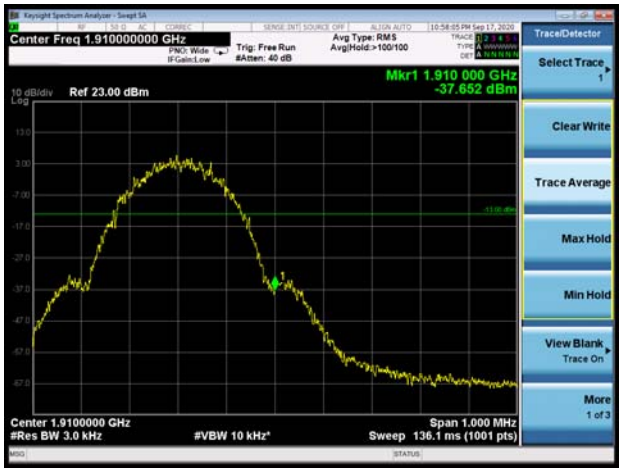
The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 1.96, U=0.684dB.

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

Test Result:

GSM1900 GSM CH-Low

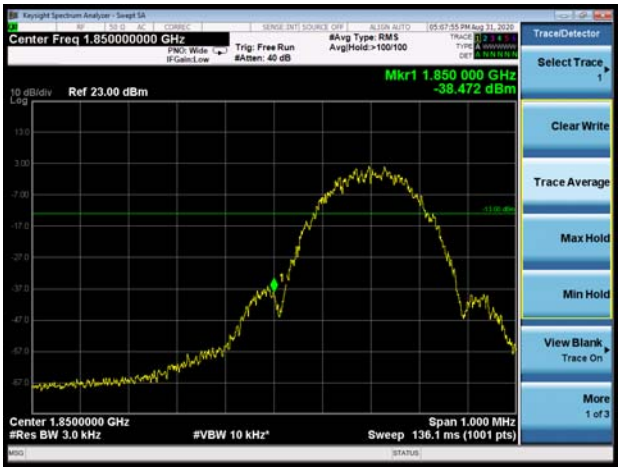
GSM 1900 GSM CH-High



GSM1900 GPRS CH-Low

GSM 1900 GPRS CH-High

GSM1900 EGPRS CH-Low



GSM 1900 EGPRS CH-High

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

WCDMA Band II RMC CH-Low

WCDMA Band II RMC CH-High

LTE Band 2 1.4MHz QPSK 1RB CH-Low

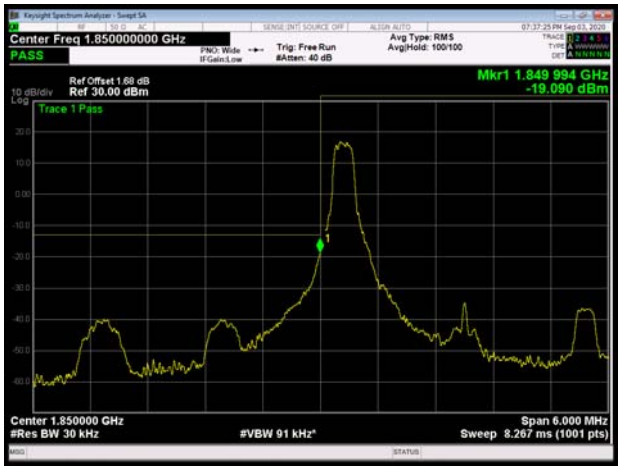
LTE Band 2 1.4MHz QPSK 1RB CH-High

LTE Band 2 1.4MHz QPSK 100%RB CH-Low

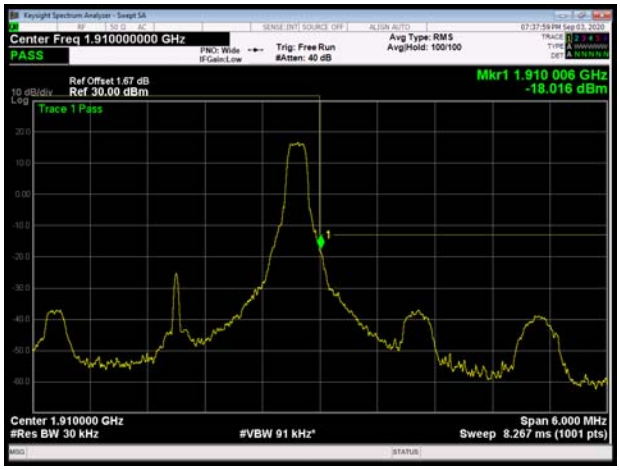
LTE Band 2 1.4MHz QPSK 100%RB CH-High

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band 2 3MHz QPSK 1RB CH-Low

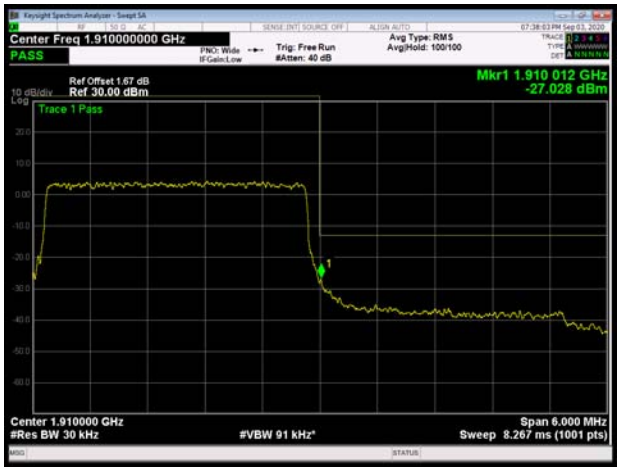


LTE Band 2 3MHz QPSK 1RB CH-High



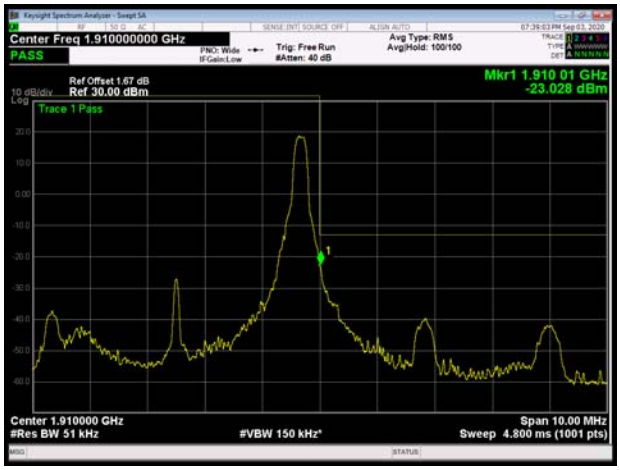
LTE Band 2 3MHz QPSK 100%RB CH-Low

LTE Band 2 3MHz QPSK 100%RB CH-High



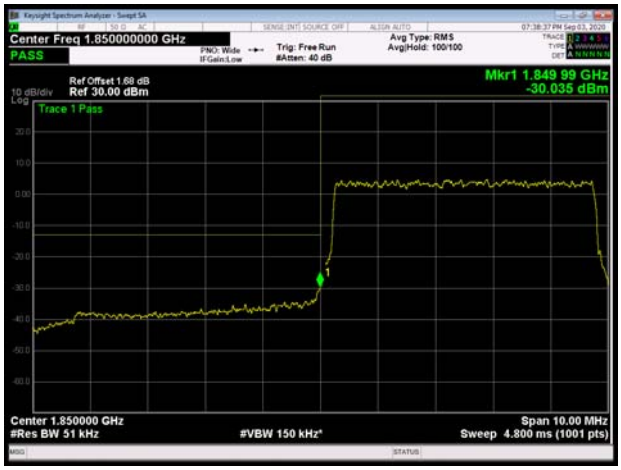
LTE Band 2 5MHz QPSK 1RB CH-Low

LTE Band 2 5MHz QPSK 1RB CH-High



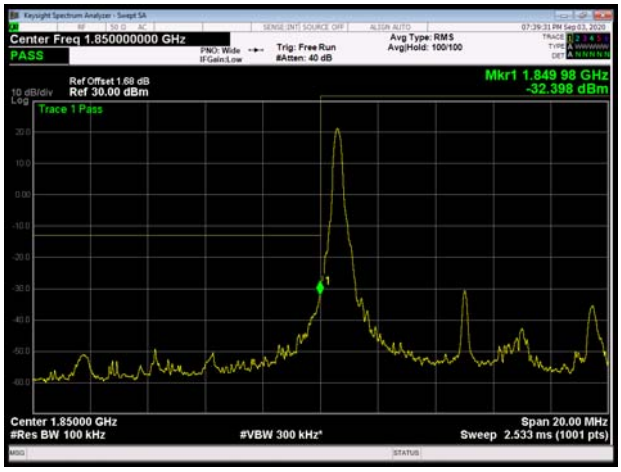
This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band 2 5MHz QPSK 100%RB CH-Low

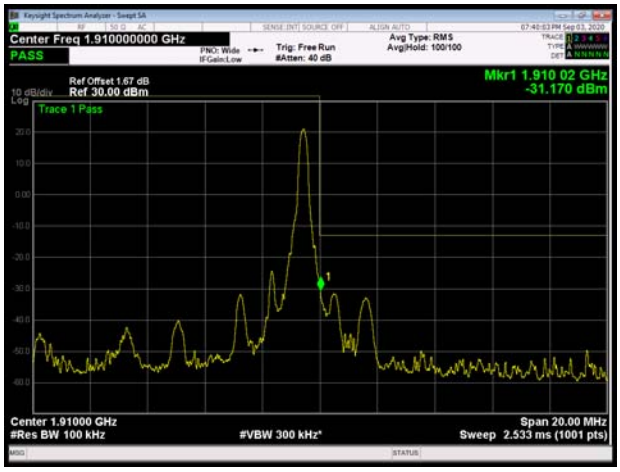


LTE Band 2 5MHz QPSK 100%RB CH-High

LTE Band 2 10MHz QPSK 1RB CH-Low



LTE Band 2 10MHz QPSK 1RB CH-High

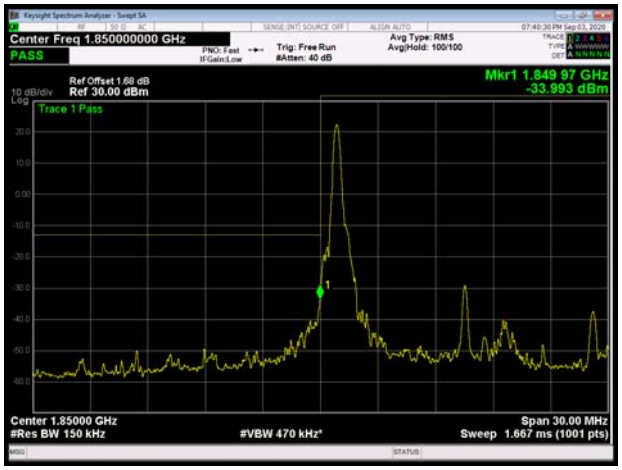


LTE Band 2 10MHz QPSK 100%RB CH-Low

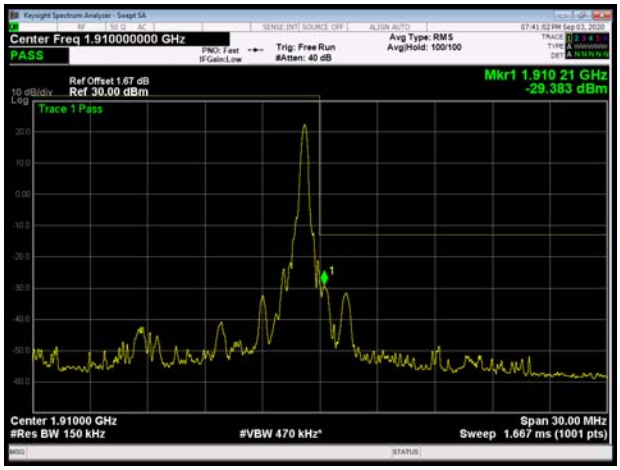
LTE Band 2 10MHz QPSK 100%RB CH-High

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band 2 15MHz QPSK 1RB CH-Low



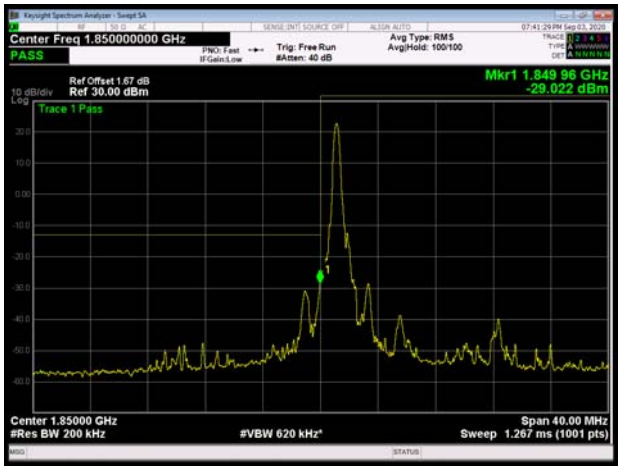
LTE Band 2 15MHz QPSK 1RB CH-High



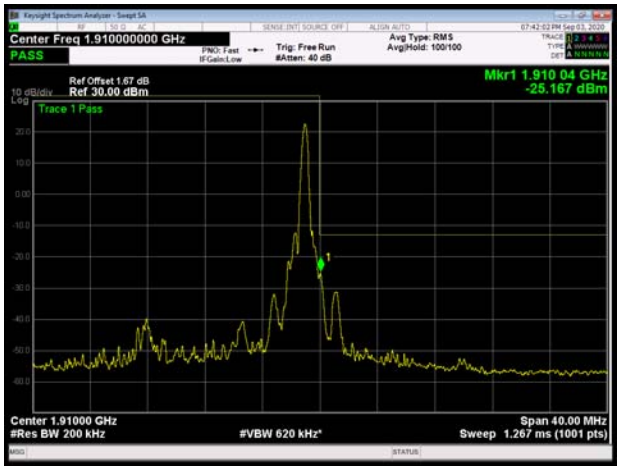
LTE Band 2 15MHz QPSK 100%RB CH-Low

LTE Band 2 15MHz QPSK 100%RB CH-High

LTE Band 2 20MHz QPSK 1RB CH-Low



LTE Band 2 20MHz QPSK 1RB CH-High



This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band 2 20MHz QPSK 100%RB CH-Low

LTE Band 2 20MHz QPSK 100%RB CH-High

LTE Band 2 1.4MHz 16QAM 1RB CH-Low

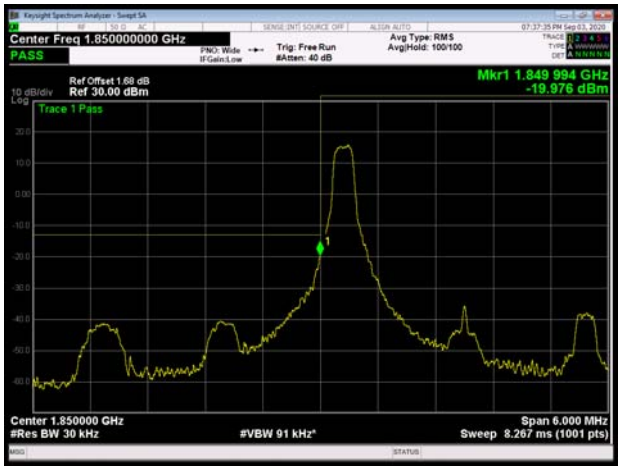
LTE Band 2 1.4MHz 16QAM 1RB CH-High

LTE Band 2 1.4MHz 16QAM 100%RB CH-Low

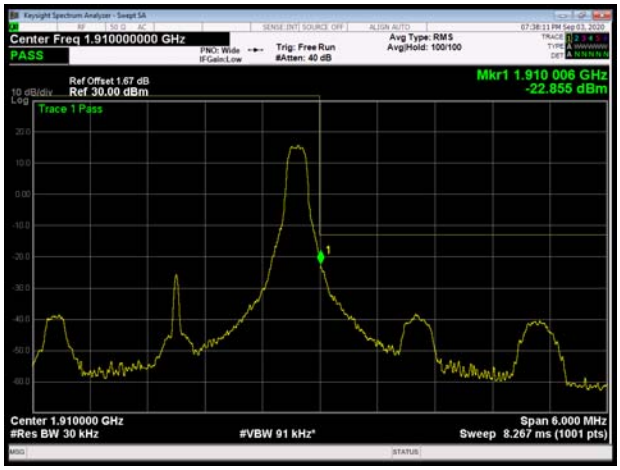
LTE Band 2 1.4MHz 16QAM 100%RB CH-High

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band 2 3MHz 16QAM 1RB CH-Low

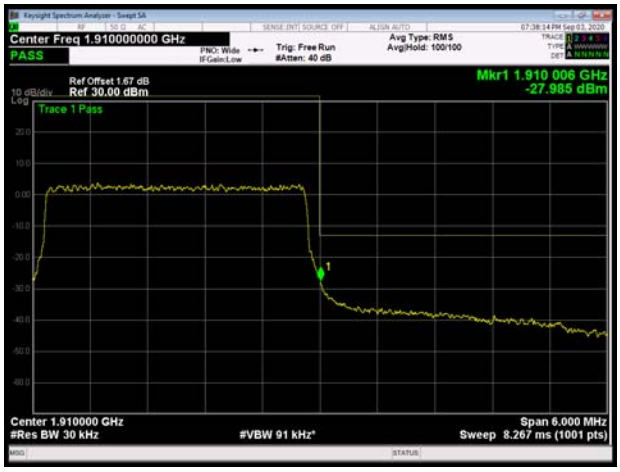


LTE Band 2 3MHz 16QAM 1RB CH-High

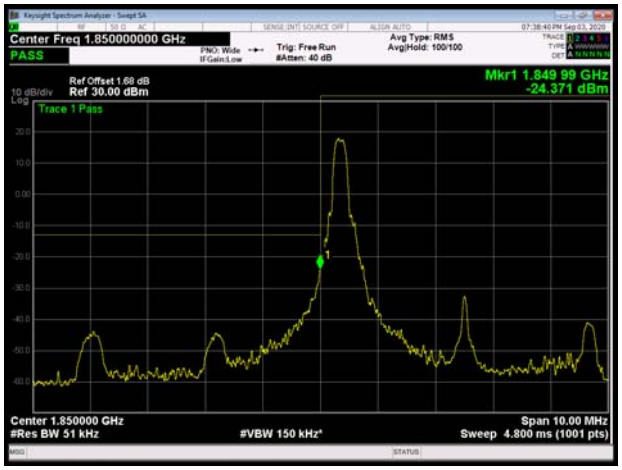


LTE Band 2 3MHz 16QAM 100%RB CH-Low

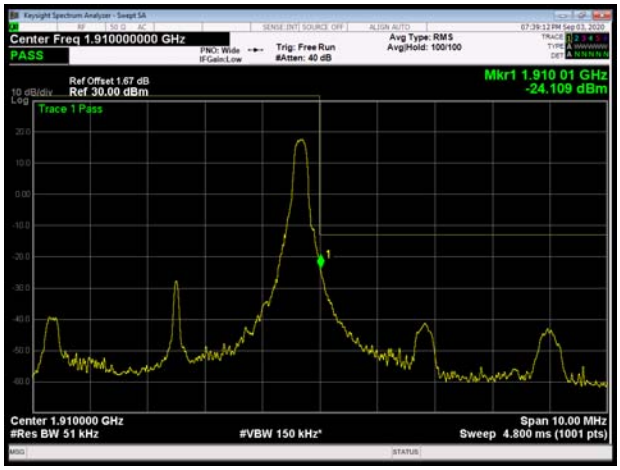
LTE Band 2 3MHz 16QAM 100%RB CH-High



LTE Band 2 5MHz 16QAM 1RB CH-Low



LTE Band 2 5MHz 16QAM 1RB CH-High

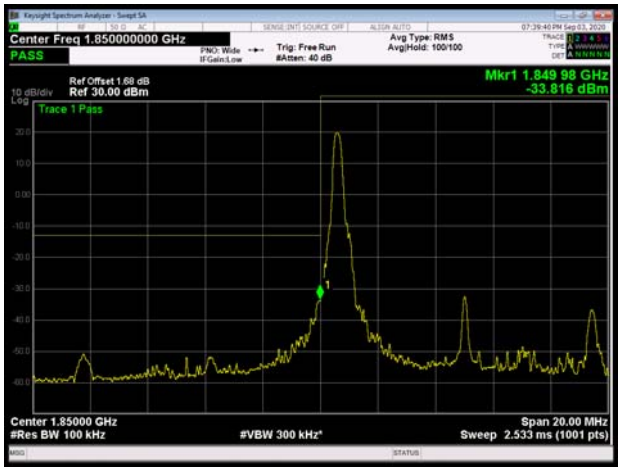


This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

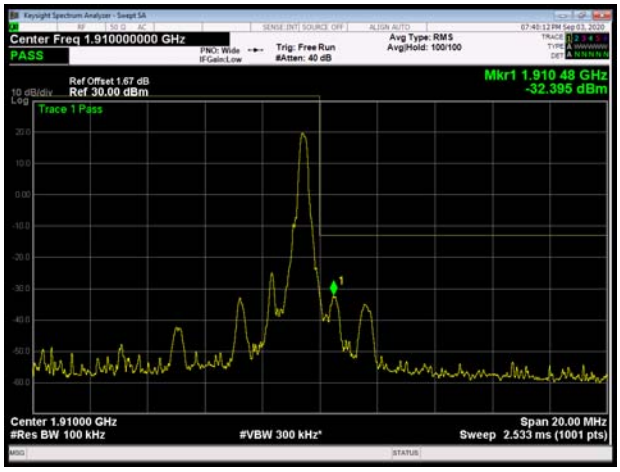
LTE Band 2 5MHz 16QAM 100%RB CH-Low

LTE Band 2 5MHz 16QAM 100%RB CH-High

LTE Band 2 10MHz 16QAM 1RB CH-Low



LTE Band 2 10MHz 16QAM 1RB CH-High

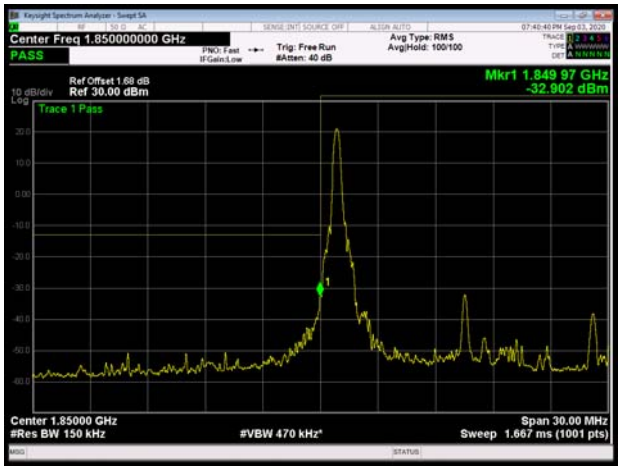


LTE Band 2 10MHz 16QAM 100%RB CH-Low

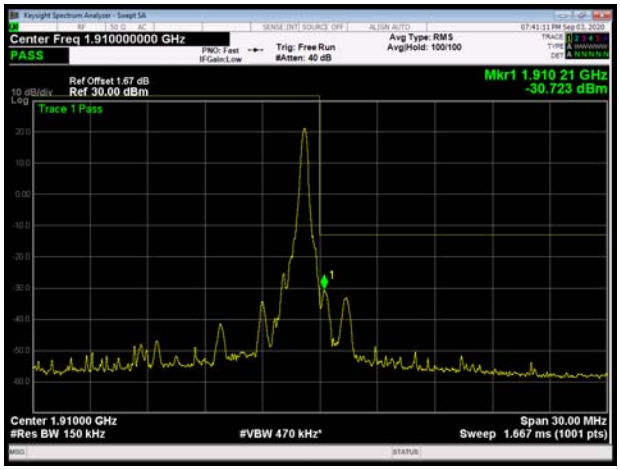
LTE Band 2 10MHz 16QAM 100%RB CH-High

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

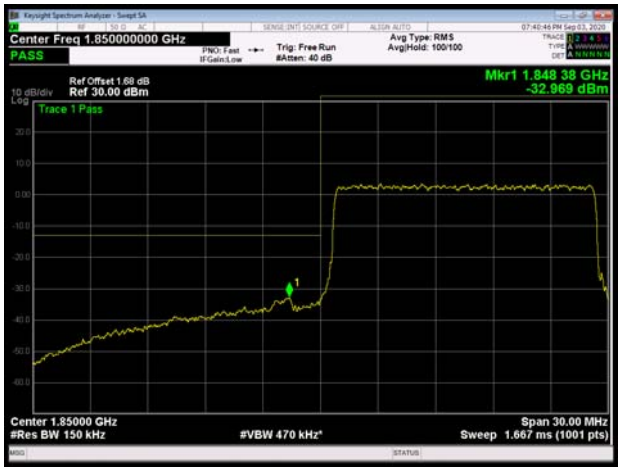
LTE Band 2 15MHz 16QAM 1RB CH-Low



LTE Band 2 15MHz 16QAM 1RB CH-High

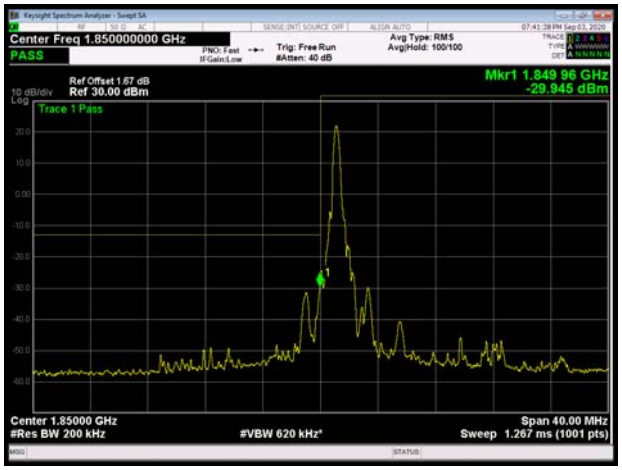


LTE Band 2 15MHz 16QAM 100%RB CH-Low

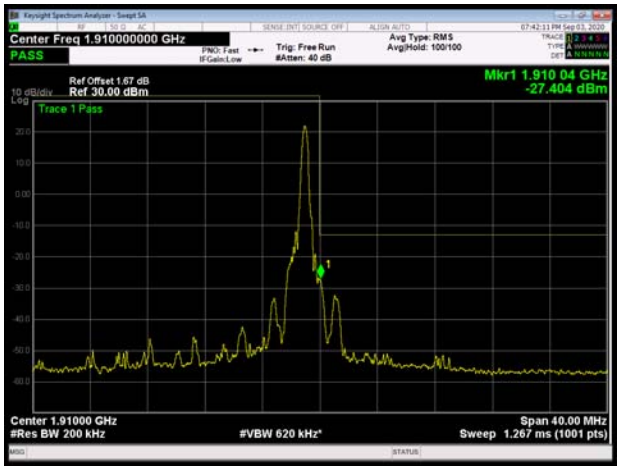


LTE Band 2 15MHz 16QAM 100%RB CH-High

LTE Band 2 20MHz 16QAM 1RB CH-Low

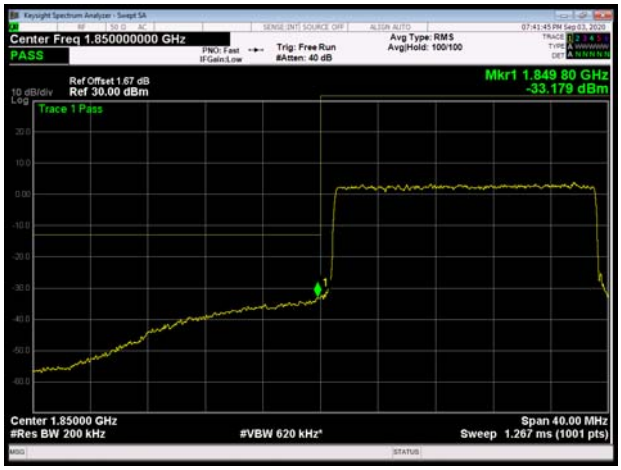


LTE Band 2 20MHz 16QAM 1RB CH-High



This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.

LTE Band 2 20MHz 16QAM 100%RB CH-Low



LTE Band 2 20MHz 16QAM 100%RB CH-High

LTE Band 2 1.4MHz 64QAM 1RB CH-Low

LTE Band 2 1.4MHz 64QAM 1RB CH-High

LTE Band 2 1.4MHz 64QAM 100%RB CH-Low

LTE Band 2 1.4MHz 64QAM 100%RB CH-High

This report shall not be reproduced except in full, without the written approval of TA Technology (Shanghai) Co., Ltd.