





RF TEST REPORT

Applicant Positioning Universal Inc

FCC ID 2AHRH-FT750

Product In-cab advanced telematics tracker

Model FT750-L43Q-GL

Report No. R2010A0681-R5V1

Issue Date April 2, 2021

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in FCC CFR47 Part 2 (2019)/ FCC CFR 47 Part 90S (2019). The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

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Approved by: Kai Xu

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Version	Revision description	Issue Date
Rev.0	Initial issue of report.	January 18, 2021
Rev.1	Update description	April 2, 2021

Note: This revised report (Report No. R2010A0681-R5V1) supersedes and replaces the previously issued report (Report No. R2010A0681-R5). Please discard or destroy the previously issued report and dispose of it accordingly.



Summary of measurement results

No.	Test Case	Clause in FCC rules	Verdict
1	RF Power Output and Effective Radiated Power	2.1046/90.635(b)	PASS
2	Radiates Spurious Emission	2.1053 /90.691	PASS

Date of Testing: October 15, 2020 ~ November 2, 2020

Date of Sample Received: October 13, 2020

Note: 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 only tests Radiates Spurious Emission and recalculates Effective Radiated Power. The test value of the conduction part is referred to the module report. (Report No. HR/2019/1001601)



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 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

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2. General Description of Equipment under Test

2.3. Applicant and Manufacturer Information

Applicant Positioning Universal Inc						
Applicant address	4660 La Jolla Village Drive Suite 1100,San					
Applicant address	Diego,California,United States					
Manufacturer	Positioning Universal Inc					
Manufacturar address	4660 La Jolla Village Drive Suite 1100,San					
Manufacturer address	Diego, California, United States					

2.4. General Information

EUT Description							
Model	FT750-L43Q-GL						
IMEI	015937000000030						
Hardware Version	P0						
Software Version	2.4.17						
Power Supply	External Power Supply	/					
Antenna Type	Internal Antenna/Exter	nal Antenna					
Antenna Gain	Internal Antenna: 0dBi						
Antenna Gain	External Antenna: 2dB	i					
Test Mode(s)	LTE Band 26;						
Test Modulation	QPSK 16QAM;						
Maximum E.R.P.	LTE Band 26:	23.92dBm	-				
Rated Power Supply Voltage	12V						
Extreme Voltage	Minimum: 6V Maxin	num: 48V					
Extreme Temperature	Lowest: -30°C High	hest: +50°C					
Operating Voltage	Minimum: 6V Maxin	num: 48V					
Operating Temperature	Lowest: -40°C High	hest: +85°C					
On a ration Francisco Dange (a)	Band	Tx (MHz)	Rx (MHz)				
Operating Frequency Range(s)	LTE Band 26	814 ~ 824 859 ~ 869					
Note: The EUT is sent from the a	pplicant to TA and the ir	nformation of the EU	T is declared by the				

Note: The EUT is sent from the applicant to TA and the information of the EUT is declared by the applicant.

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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 90S (2019)

ANSI C63.26 (2015)

Reference standard:

FCC CFR47 Part 2 (2019)

KDB 971168 D01 Power Meas License Digital Systems v03r01



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, horizontal polarization) and the worst case was recorded

All mode and data rates and positions were investigated.

The following testing in LTE is set based on the maximum RF Output Power.

Test modes are chosen as the worst case configuration below for LTE Band 26

Test items	Bandwidth (MHz)					Modulation		RB			Test Channel		
	1.4	3	5	10	15	QPSK	16QAM	1	50%	100%	L	M	н
RF Power Output and Effective Radiated Power	0	0	0	0	0	0	0	0	0	0	0	0	0
Radiates Spurious Emission	0	0	0	0	0	0	0	0	0	0	0	0	0
Note						•	uration is o			ng.			



5. Test Case Results

5.1. RF Power Output and Effective Radiated Power

Ambient condition

Temperature	Relative humidity
21°C ~25°C	40%~60%

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.

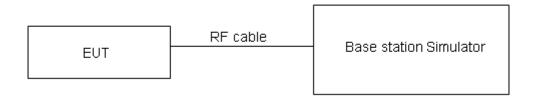
ERP can then be calculated as follows:

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

Part 90.635 (b) the maximum output power of the transmitter for mobile stations is 100 watts.

Rule Part 90.635(b) specifies that "The maximum output power of the transmitter for mobile stations is 100 watts".

Limit	≤ 100 W (50 dBm)
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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 ERP.

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Test Results

				55	Maximum	ERP(dBm)	ERP(dBm)	
Band	Bandwidth	Modulation	Channel	RB	Output	Internal	External	Verdict
				Configuration	Power(dBm)	Antenna	Antenna	
LTE Band 26	1.4M	QPSK	26697	1RB#0	23.40	21.25	23.25	PASS
LTE Band 26	1.4M	QPSK	26697	1RB#2	23.31	21.16	23.16	PASS
LTE Band 26	1.4M	QPSK	26697	1RB#5	23.17	21.02	23.02	PASS
LTE Band 26	1.4M	QPSK	26697	3RB#0	23.38	21.23	23.23	PASS
LTE Band 26	1.4M	QPSK	26697	3RB#2	23.57	21.42	23.42	PASS
LTE Band 26	1.4M	QPSK	26697	3RB#3	23.58	21.43	23.43	PASS
LTE Band 26	1.4M	QPSK	26697	6RB#0	22.51	20.36	22.36	PASS
LTE Band 26	1.4M	QPSK	26740	1RB#0	23.57	21.42	23.42	PASS
LTE Band 26	1.4M	QPSK	26740	1RB#2	23.57	21.42	23.42	PASS
LTE Band 26	1.4M	QPSK	26740	1RB#5	23.59	21.44	23.44	PASS
LTE Band 26	1.4M	QPSK	26740	3RB#0	23.70	21.55	23.55	PASS
LTE Band 26	1.4M	QPSK	26740	3RB#2	23.73	21.58	23.58	PASS
LTE Band 26	1.4M	QPSK	26740	3RB#3	23.90	21.75	23.75	PASS
LTE Band 26	1.4M	QPSK	26740	6RB#0	22.72	20.57	22.57	PASS
LTE Band 26	1.4M	QPSK	26783	1RB#0	23.44	21.29	23.29	PASS
LTE Band 26	1.4M	QPSK	26783	1RB#2	23.65	21.50	23.50	PASS
LTE Band 26	1.4M	QPSK	26783	1RB#5	23.44	21.29	23.29	PASS
LTE Band 26	1.4M	QPSK	26783	3RB#0	23.66	21.51	23.51	PASS
LTE Band 26	1.4M	QPSK	26783	3RB#2	23.82	21.67	23.67	PASS
LTE Band 26	1.4M	QPSK	26783	3RB#3	23.83	21.68	23.68	PASS
LTE Band 26	1.4M	QPSK	26783	6RB#0	22.63	20.48	22.48	PASS
LTE Band 26	1.4M	16QAM	26697	1RB#0	22.19	20.04	22.04	PASS
LTE Band 26	1.4M	16QAM	26697	1RB#2	22.28	20.13	22.13	PASS
LTE Band 26	1.4M	16QAM	26697	1RB#5	22.24	20.09	22.09	PASS
LTE Band 26	1.4M	16QAM	26697	3RB#0	22.65	20.50	22.50	PASS
LTE Band 26	1.4M	16QAM	26697	3RB#2	22.59	20.44	22.44	PASS
LTE Band 26	1.4M	16QAM	26697	3RB#3	22.61	20.46	22.46	PASS
LTE Band 26	1.4M	16QAM	26697	6RB#0	21.51	19.36	21.36	PASS
LTE Band 26	1.4M	16QAM	26740	1RB#0	22.21	20.06	22.06	PASS
LTE Band 26	1.4M	16QAM	26740	1RB#2	22.23	20.08	22.08	PASS
LTE Band 26	1.4M	16QAM	26740	1RB#5	22.07	19.92	21.92	PASS
LTE Band 26	1.4M	16QAM	26740	3RB#0	22.91	20.76	22.76	PASS
LTE Band 26	1.4M	16QAM	26740	3RB#2	22.95	20.80	22.80	PASS
LTE Band 26	1.4M	16QAM	26740	3RB#3	22.79	20.64	22.64	PASS
LTE Band 26	1.4M	16QAM	26740	6RB#0	21.68	19.53	21.53	PASS
LTE Band 26	1.4M	16QAM	26783	1RB#0	22.28	20.13	22.13	PASS
LTE Band 26	1.4M	16QAM	26783	1RB#2	22.36	20.21	22.21	PASS
LTE Band 26	1.4M	16QAM	26783	1RB#5	22.16	20.01	22.01	PASS



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LTE Band 26	1.4M	16QAM	26783	3RB#0	22.87	20.72	22.72	PASS
LTE Band 26	1.4M	16QAM	26783	3RB#2	22.86	20.71	22.71	PASS
LTE Band 26	1.4M	16QAM	26783	3RB#3	22.78	20.63	22.63	PASS
LTE Band 26	1.4M	16QAM	26783	6RB#0	21.67	19.52	21.52	PASS
LTE Band 26	3M	QPSK	26705	1RB#0	23.54	21.39	23.39	PASS
LTE Band 26	3M	QPSK	26705	1RB#7	23.55	21.40	23.40	PASS
LTE Band 26	3M	QPSK	26705	1RB#14	23.53	21.38	23.38	PASS
LTE Band 26	3M	QPSK	26705	8RB#0	22.66	20.51	22.51	PASS
LTE Band 26	3M	QPSK	26705	8RB#4	22.53	20.38	22.38	PASS
LTE Band 26	3M	QPSK	26705	8RB#7	22.50	20.35	22.35	PASS
LTE Band 26	3M	QPSK	26705	15RB#0	22.58	20.43	22.43	PASS
LTE Band 26	3M	QPSK	26740	1RB#0	23.58	21.43	23.43	PASS
LTE Band 26	3M	QPSK	26740	1RB#7	23.75	21.60	23.60	PASS
LTE Band 26	3M	QPSK	26740	1RB#14	23.64	21.49	23.49	PASS
LTE Band 26	3M	QPSK	26740	8RB#0	22.79	20.64	22.64	PASS
LTE Band 26	3M	QPSK	26740	8RB#4	22.73	20.58	22.58	PASS
LTE Band 26	3M	QPSK	26740	8RB#7	22.69	20.54	22.54	PASS
LTE Band 26	3M	QPSK	26740	15RB#0	22.69	20.54	22.54	PASS
LTE Band 26	3M	QPSK	26775	1RB#0	23.62	21.47	23.47	PASS
LTE Band 26	3M	QPSK	26775	1RB#7	23.70	21.55	23.55	PASS
LTE Band 26	3M	QPSK	26775	1RB#14	23.22	21.07	23.07	PASS
LTE Band 26	3M	QPSK	26775	8RB#0	22.77	20.62	22.62	PASS
LTE Band 26	3M	QPSK	26775	8RB#4	22.76	20.61	22.61	PASS
LTE Band 26	3M	QPSK	26775	8RB#7	22.70	20.55	22.55	PASS
LTE Band 26	3M	QPSK	26775	15RB#0	22.72	20.57	22.57	PASS
LTE Band 26	3M	16QAM	26705	1RB#0	22.18	20.03	22.03	PASS
LTE Band 26	3M	16QAM	26705	1RB#7	22.16	20.01	22.01	PASS
LTE Band 26	3M	16QAM	26705	1RB#14	22.19	20.04	22.04	PASS
LTE Band 26	3M	16QAM	26705	8RB#0	21.45	19.30	21.30	PASS
LTE Band 26	3M	16QAM	26705	8RB#4	21.42	19.27	21.27	PASS
LTE Band 26	3M	16QAM	26705	8RB#7	21.39	19.24	21.24	PASS
LTE Band 26	3M	16QAM	26705	15RB#0	21.51	19.36	21.36	PASS
LTE Band 26	3M	16QAM	26740	1RB#0	22.36	20.21	22.21	PASS
LTE Band 26	3M	16QAM	26740	1RB#7	22.29	20.14	22.14	PASS
LTE Band 26	3M	16QAM	26740	1RB#14	22.28	20.13	22.13	PASS
LTE Band 26	3M	16QAM	26740	8RB#0	21.89	19.74	21.74	PASS
LTE Band 26	3M	16QAM	26740	8RB#4	21.59	19.44	21.44	PASS
LTE Band 26	3M	16QAM	26740	8RB#7	21.58	19.43	21.43	PASS
LTE Band 26	3M	16QAM	26740	15RB#0	21.93	19.78	21.78	PASS
LTE Band 26	3M	16QAM	26775	1RB#0	22.10	19.95	21.95	PASS
LTE Band 26	3M	16QAM	26775	1RB#7	22.27	20.12	22.12	PASS
LTE Band 26	3M	16QAM	26775	1RB#14	22.06	19.91	21.91	PASS
LTE Band 26	3M	16QAM	26775	8RB#0	21.58	19.43	21.43	PASS
	-	,		-			l -	



LTE Band 26		iti restitepo					eport No Nzor		_
LTE Band 26 3M 16QAM 26775 15RB#0 21.84 19.69 21.69 PASS LTE Band 26 5M QPSK 26715 1RB#0 23.43 21.28 23.28 PASS LTE Band 26 5M QPSK 26715 1RB#13 23.71 21.56 23.56 PASS LTE Band 26 5M QPSK 26715 1RB#24 23.53 21.38 23.38 PASS LTE Band 26 5M QPSK 26715 12RB#0 22.64 20.49 22.49 PASS LTE Band 26 5M QPSK 26715 12RB#6 22.58 20.53 22.53 PASS LTE Band 26 5M QPSK 26715 25RB#0 22.60 20.45 22.45 PASS LTE Band 26 5M QPSK 26740 1RB#3 23.33 21.68 23.67 PASS LTE Band 26 5M QPSK 26740 1RB#24 23.29 21.14 23.14 PASS	LTE Band 26	3M	16QAM	26775	8RB#4	21.62	19.47	21.47	PASS
LTE Band 26 SM QPSK 26715 1RB#0 23.43 21.28 23.28 PASS LTE Band 26 5M QPSK 26715 1RB#13 23.71 21.56 23.56 PASS LTE Band 26 5M QPSK 26715 12RB#0 22.64 20.49 22.49 PASS LTE Band 26 5M QPSK 26715 12RB#6 22.58 20.43 22.43 PASS LTE Band 26 5M QPSK 26715 12RB#6 22.58 20.43 22.43 PASS LTE Band 26 5M QPSK 26715 12RB#13 22.68 20.53 22.53 PASS LTE Band 26 5M QPSK 26715 12RB#13 22.68 20.53 22.43 PASS LTE Band 26 5M QPSK 26740 1RB#13 23.83 21.68 23.68 PASS LTE Band 26 5M QPSK 26740 12RB#03 23.42 21.14 23.14 PASS	LTE Band 26	3M	16QAM	26775	8RB#7	21.68	19.53	21.53	PASS
LTE Band 26 5M OPSK 26715 1RB#13 23.71 21.56 23.56 PASS LTE Band 26 5M OPSK 26715 1RB#24 23.53 21.38 23.38 PASS LTE Band 26 5M OPSK 26715 12RB#0 22.64 20.49 22.49 PASS LTE Band 26 5M OPSK 26715 12RB#13 22.68 20.43 22.43 PASS LTE Band 26 5M OPSK 26715 12RB#13 22.60 20.45 22.43 PASS LTE Band 26 5M OPSK 26740 1RB#0 23.42 21.27 23.27 PASS LTE Band 26 5M OPSK 26740 1RB#13 23.83 21.68 23.68 PASS LTE Band 26 5M OPSK 26740 1RB#24 23.29 21.14 23.14 PASS LTE Band 26 5M OPSK 26740 12RB#0 22.74 20.59 22.59 PASS	LTE Band 26	3M	16QAM	26775	15RB#0	21.84	19.69	21.69	PASS
LTE Band 26 5M QPSK 26715 1RB#24 23.53 21.38 23.38 PASS LTE Band 26 5M QPSK 26715 12RB#0 22.64 20.49 22.49 PASS LTE Band 26 5M QPSK 26715 12RB#16 22.58 20.43 22.49 PASS LTE Band 26 5M QPSK 26715 12RB#16 22.58 20.43 22.45 PASS LTE Band 26 5M QPSK 26715 25RB#0 22.60 20.45 22.45 PASS LTE Band 26 5M QPSK 26740 1RB#0 23.42 21.27 23.27 PASS LTE Band 26 5M QPSK 26740 1RB#0 23.42 21.27 23.14 PASS LTE Band 26 5M QPSK 26740 12RB#0 22.74 20.59 22.59 PASS LTE Band 26 5M QPSK 26740 12RB#13 22.71 20.56 22.59 PASS	LTE Band 26	5M	QPSK	26715	1RB#0	23.43	21.28	23.28	PASS
LTE Band 26 5M QPSK 26715 12RB#0 22.64 20.49 22.49 PASS LTE Band 26 5M QPSK 26715 12RB#6 22.58 20.43 22.43 PASS LTE Band 26 5M QPSK 26715 12RB#13 22.68 20.53 22.53 PASS LTE Band 26 5M QPSK 26740 1RB#0 23.42 21.27 23.27 PASS LTE Band 26 5M QPSK 26740 1RB#13 23.83 21.68 23.68 PASS LTE Band 26 5M QPSK 26740 1RB#13 23.33 21.68 23.68 PASS LTE Band 26 5M QPSK 26740 12RB#0 22.74 20.59 22.59 PASS LTE Band 26 5M QPSK 26740 12RB#13 22.71 20.56 22.56 PASS LTE Band 26 5M QPSK 26740 12RB#013 22.71 20.56 22.50 PASS	LTE Band 26	5M	QPSK	26715	1RB#13	23.71	21.56	23.56	PASS
LTE Band 26 5M QPSK 26715 12RB#6 22.58 20.43 22.43 PASS LTE Band 26 5M QPSK 26715 12RB#13 22.68 20.53 22.53 PASS LTE Band 26 5M QPSK 26715 25RB#0 22.60 20.45 22.45 PASS LTE Band 26 5M QPSK 26740 1RB#0 23.42 21.27 23.27 PASS LTE Band 26 5M QPSK 26740 1RB#0 22.74 20.59 22.59 PASS LTE Band 26 5M QPSK 26740 12RB#0 22.74 20.59 22.59 PASS LTE Band 26 5M QPSK 26740 12RB#0 22.71 20.59 22.56 PASS LTE Band 26 5M QPSK 26760 12RB#13 22.71 20.56 22.50 PASS LTE Band 26 5M QPSK 26765 1RB#0 23.30 21.15 23.52 PASS	LTE Band 26	5M	QPSK	26715	1RB#24	23.53	21.38	23.38	PASS
LTE Band 26 5M QPSK 26715 12RB#13 22.68 20.53 22.53 PASS LTE Band 26 5M QPSK 26715 25RB#0 22.60 20.45 22.45 PASS LTE Band 26 5M QPSK 26740 1RB#0 23.42 21.27 23.27 PASS LTE Band 26 5M QPSK 26740 1RB#13 23.83 21.68 23.68 PASS LTE Band 26 5M QPSK 26740 1RB#24 23.29 21.14 23.14 PASS LTE Band 26 5M QPSK 26740 12RB#6 22.74 20.59 22.59 PASS LTE Band 26 5M QPSK 26740 12RB#6 22.83 20.68 22.66 PASS LTE Band 26 5M QPSK 26765 12RB#0 22.65 20.50 22.50 PASS LTE Band 26 5M QPSK 26765 1RB#2 23.30 21.15 23.15 PASS	LTE Band 26	5M	QPSK	26715	12RB#0	22.64	20.49	22.49	PASS
LTE Band 26 5M QPSK 26715 25RB#0 22.60 20.45 22.45 PASS LTE Band 26 5M QPSK 26740 1RB#0 23.42 21.27 23.27 PASS LTE Band 26 5M QPSK 26740 1RB#13 23.83 21.68 23.68 PASS LTE Band 26 5M QPSK 26740 12RB#0 22.74 20.59 22.59 PASS LTE Band 26 5M QPSK 26740 12RB#0 22.74 20.59 22.56 PASS LTE Band 26 5M QPSK 26740 12RB#13 22.71 20.56 22.56 PASS LTE Band 26 5M QPSK 26740 25RB#0 22.65 20.50 PASS LTE Band 26 5M QPSK 26765 1RB#13 23.67 21.52 23.52 PASS LTE Band 26 5M QPSK 26765 1RB#13 23.67 21.52 23.52 PASS	LTE Band 26	5M	QPSK	26715	12RB#6	22.58	20.43	22.43	PASS
LTE Band 26 5M QPSK 26740 1RB#0 23.42 21.27 23.27 PASS LTE Band 26 5M QPSK 26740 1RB#13 23.83 21.68 23.68 PASS LTE Band 26 5M QPSK 26740 1RB#24 23.29 21.14 23.14 PASS LTE Band 26 5M QPSK 26740 12RB#0 22.74 20.59 22.59 PASS LTE Band 26 5M QPSK 26740 12RB#13 22.71 20.56 22.56 PASS LTE Band 26 5M QPSK 26740 25RB#0 22.65 20.50 22.50 PASS LTE Band 26 5M QPSK 26765 1RB#0 23.30 21.15 23.15 PASS LTE Band 26 5M QPSK 26765 1RB#3 23.67 21.52 23.52 PASS LTE Band 26 5M QPSK 26765 12RB#0 22.70 20.55 22.55 PASS	LTE Band 26	5M	QPSK	26715	12RB#13	22.68	20.53	22.53	PASS
LTE Band 26 5M QPSK 26740 1RB#13 23.83 21.68 23.68 PASS LTE Band 26 5M QPSK 26740 1RB#24 23.29 21.14 23.14 PASS LTE Band 26 5M QPSK 26740 12RB#0 22.74 20.59 22.59 PASS LTE Band 26 5M QPSK 26740 12RB#3 22.71 20.56 22.56 PASS LTE Band 26 5M QPSK 26740 25RB#0 22.65 20.50 22.50 PASS LTE Band 26 5M QPSK 26765 1RB#13 22.71 20.56 22.50 PASS LTE Band 26 5M QPSK 26765 1RB#13 23.30 21.15 23.15 PASS LTE Band 26 5M QPSK 26765 1RB#13 23.67 21.52 23.52 PASS LTE Band 26 5M QPSK 26765 12RB#0 22.70 20.55 22.55 PASS	LTE Band 26	5M	QPSK	26715	25RB#0	22.60	20.45	22.45	PASS
LTE Band 26 5M QPSK 26740 1RB#24 23.29 21.14 23.14 PASS LTE Band 26 5M QPSK 26740 12RB#0 22.74 20.59 22.59 PASS LTE Band 26 5M QPSK 26740 12RB#13 22.71 20.56 22.66 PASS LTE Band 26 5M QPSK 26740 25RB#0 22.65 20.50 22.50 PASS LTE Band 26 5M QPSK 26765 1RB#0 23.30 21.15 23.15 PASS LTE Band 26 5M QPSK 26765 1RB#13 23.67 21.52 23.52 PASS LTE Band 26 5M QPSK 26765 1RB#24 23.18 21.03 23.03 PASS LTE Band 26 5M QPSK 26765 1RB#31 23.67 21.52 23.52 PASS LTE Band 26 5M QPSK 26765 12RB#0 22.70 20.55 22.55 PASS	LTE Band 26	5M	QPSK	26740	1RB#0	23.42	21.27	23.27	PASS
LTE Band 26 5M QPSK 26740 12RB#0 22.74 20.59 22.59 PASS LTE Band 26 5M QPSK 26740 12RB#6 22.83 20.68 22.68 PASS LTE Band 26 5M QPSK 26740 12RB#13 22.71 20.56 22.56 PASS LTE Band 26 5M QPSK 26765 1RB#0 23.30 21.15 23.15 PASS LTE Band 26 5M QPSK 26765 1RB#0 23.30 21.15 23.15 PASS LTE Band 26 5M QPSK 26765 1RB#13 23.67 21.52 23.52 PASS LTE Band 26 5M QPSK 26765 1RB#24 23.18 21.03 23.03 PASS LTE Band 26 5M QPSK 26765 12RB#0 22.70 20.55 22.55 PASS LTE Band 26 5M QPSK 26765 12RB#0 22.70 20.55 22.25 PASS	LTE Band 26	5M	QPSK	26740	1RB#13	23.83	21.68	23.68	PASS
LTE Band 26 5M QPSK 26740 12RB#6 22.83 20.68 22.68 PASS LTE Band 26 5M QPSK 26740 12RB#13 22.71 20.56 22.56 PASS LTE Band 26 5M QPSK 26740 25RB#0 22.65 20.50 22.50 PASS LTE Band 26 5M QPSK 26765 1RB#0 23.30 21.15 23.52 PASS LTE Band 26 5M QPSK 26765 1RB#13 23.67 21.52 23.52 PASS LTE Band 26 5M QPSK 26765 1RB#3 23.67 21.52 23.52 PASS LTE Band 26 5M QPSK 26765 12RB#0 22.70 20.55 22.55 PASS LTE Band 26 5M QPSK 26765 12RB#0 22.70 20.55 22.55 PASS LTE Band 26 5M QPSK 26765 12RB#13 22.65 20.50 22.50 PASS	LTE Band 26	5M	QPSK	26740	1RB#24	23.29	21.14	23.14	PASS
LTE Band 26 5M QPSK 26740 12RB#13 22.71 20.56 22.56 PASS LTE Band 26 5M QPSK 26740 25RB#0 22.65 20.50 22.50 PASS LTE Band 26 5M QPSK 26765 1RB#0 23.30 21.15 23.15 PASS LTE Band 26 5M QPSK 26765 1RB#13 23.67 21.52 23.52 PASS LTE Band 26 5M QPSK 26765 1RB#24 23.18 21.03 23.03 PASS LTE Band 26 5M QPSK 26765 12RB#0 22.70 20.55 22.55 PASS LTE Band 26 5M QPSK 26765 12RB#6 22.62 20.47 22.47 PASS LTE Band 26 5M QPSK 26765 12RB#6 22.65 20.50 22.50 PASS LTE Band 26 5M 16QAM 26715 1RB#0 22.11 19.96 21.96 PASS	LTE Band 26	5M	QPSK	26740	12RB#0	22.74	20.59	22.59	PASS
LTE Band 26 5M QPSK 26740 25RB#0 22.65 20.50 22.50 PASS LTE Band 26 5M QPSK 26765 1RB#0 23.30 21.15 23.15 PASS LTE Band 26 5M QPSK 26765 1RB#13 23.67 21.52 23.52 PASS LTE Band 26 5M QPSK 26765 1RB#24 23.18 21.03 23.03 PASS LTE Band 26 5M QPSK 26765 12RB#0 22.70 20.55 22.55 PASS LTE Band 26 5M QPSK 26765 12RB#0 22.70 20.50 22.47 PASS LTE Band 26 5M QPSK 26765 12RB#13 22.65 20.50 22.50 PASS LTE Band 26 5M QPSK 26765 25RB#0 22.75 20.60 22.60 PASS LTE Band 26 5M 16QAM 26715 1RB#3 22.50 20.35 22.35 PASS	LTE Band 26	5M	QPSK	26740	12RB#6	22.83	20.68	22.68	PASS
LTE Band 26 5M QPSK 26765 1RB#0 23.30 21.15 23.15 PASS LTE Band 26 5M QPSK 26765 1RB#13 23.67 21.52 23.52 PASS LTE Band 26 5M QPSK 26765 1RB#24 23.18 21.03 23.03 PASS LTE Band 26 5M QPSK 26765 12RB#0 22.70 20.55 22.55 PASS LTE Band 26 5M QPSK 26765 12RB#13 22.65 20.50 22.47 PASS LTE Band 26 5M QPSK 26765 12RB#13 22.65 20.50 22.50 PASS LTE Band 26 5M QPSK 26765 25RB#0 22.75 20.60 22.60 PASS LTE Band 26 5M 16QAM 26715 1RB#0 22.11 19.96 21.96 PASS LTE Band 26 5M 16QAM 26715 1RB#31 22.50 20.35 22.35 PASS	LTE Band 26	5M	QPSK	26740	12RB#13	22.71	20.56	22.56	PASS
LTE Band 26 5M QPSK 26765 1RB#13 23.67 21.52 23.52 PASS LTE Band 26 5M QPSK 26765 1RB#24 23.18 21.03 23.03 PASS LTE Band 26 5M QPSK 26765 12RB#0 22.70 20.55 22.55 PASS LTE Band 26 5M QPSK 26765 12RB#6 22.62 20.47 22.47 PASS LTE Band 26 5M QPSK 26765 12RB#13 22.65 20.50 22.50 PASS LTE Band 26 5M QPSK 26765 25RB#0 22.75 20.60 22.60 PASS LTE Band 26 5M 16QAM 26715 1RB#0 22.11 19.96 21.96 PASS LTE Band 26 5M 16QAM 26715 1RB#13 22.50 20.35 22.35 PASS LTE Band 26 5M 16QAM 26715 1RB#3 22.50 20.35 22.35 PASS	LTE Band 26	5M	QPSK	26740	25RB#0	22.65	20.50	22.50	PASS
LTE Band 26 5M QPSK 26765 1RB#24 23.18 21.03 23.03 PASS LTE Band 26 5M QPSK 26765 12RB#0 22.70 20.55 22.55 PASS LTE Band 26 5M QPSK 26765 12RB#6 22.62 20.47 22.47 PASS LTE Band 26 5M QPSK 26765 12RB#13 22.65 20.50 22.50 PASS LTE Band 26 5M QPSK 26765 25RB#0 22.75 20.60 22.60 PASS LTE Band 26 5M 16QAM 26715 1RB#0 22.11 19.96 21.96 PASS LTE Band 26 5M 16QAM 26715 1RB#13 22.50 20.35 22.35 PASS LTE Band 26 5M 16QAM 26715 1RB#24 22.05 19.90 21.90 PASS LTE Band 26 5M 16QAM 26715 12RB#0 21.56 19.41 21.41 PASS <td>LTE Band 26</td> <td>5M</td> <td>QPSK</td> <td>26765</td> <td>1RB#0</td> <td>23.30</td> <td>21.15</td> <td>23.15</td> <td>PASS</td>	LTE Band 26	5M	QPSK	26765	1RB#0	23.30	21.15	23.15	PASS
LTE Band 26 5M QPSK 26765 12RB#0 22.70 20.55 22.55 PASS LTE Band 26 5M QPSK 26765 12RB#6 22.62 20.47 22.47 PASS LTE Band 26 5M QPSK 26765 12RB#13 22.65 20.50 22.50 PASS LTE Band 26 5M QPSK 26765 25RB#0 22.75 20.60 22.60 PASS LTE Band 26 5M 16QAM 26715 1RB#0 22.11 19.96 21.96 PASS LTE Band 26 5M 16QAM 26715 1RB#13 22.50 20.35 22.35 PASS LTE Band 26 5M 16QAM 26715 1RB#24 22.05 19.90 21.90 PASS LTE Band 26 5M 16QAM 26715 12RB#0 21.56 19.41 21.41 PASS LTE Band 26 5M 16QAM 26715 12RB#13 21.42 19.27 21.27 PASS </td <td>LTE Band 26</td> <td>5M</td> <td>QPSK</td> <td>26765</td> <td>1RB#13</td> <td>23.67</td> <td>21.52</td> <td>23.52</td> <td>PASS</td>	LTE Band 26	5M	QPSK	26765	1RB#13	23.67	21.52	23.52	PASS
LTE Band 26 5M QPSK 26765 12RB#6 22.62 20.47 22.47 PASS LTE Band 26 5M QPSK 26765 12RB#13 22.65 20.50 22.50 PASS LTE Band 26 5M QPSK 26765 25RB#0 22.75 20.60 22.60 PASS LTE Band 26 5M 16QAM 26715 1RB#0 22.11 19.96 21.96 PASS LTE Band 26 5M 16QAM 26715 1RB#13 22.50 20.35 22.35 PASS LTE Band 26 5M 16QAM 26715 1RB#24 22.05 19.90 21.90 PASS LTE Band 26 5M 16QAM 26715 12RB#0 21.56 19.41 21.41 PASS LTE Band 26 5M 16QAM 26715 12RB#6 21.52 19.37 21.37 PASS LTE Band 26 5M 16QAM 26715 25RB#0 21.52 19.37 21.37 PASS </td <td>LTE Band 26</td> <td>5M</td> <td>QPSK</td> <td>26765</td> <td>1RB#24</td> <td>23.18</td> <td>21.03</td> <td>23.03</td> <td>PASS</td>	LTE Band 26	5M	QPSK	26765	1RB#24	23.18	21.03	23.03	PASS
LTE Band 26 5M QPSK 26765 12RB#13 22.65 20.50 22.50 PASS LTE Band 26 5M QPSK 26765 25RB#0 22.75 20.60 22.60 PASS LTE Band 26 5M 16QAM 26715 1RB#0 22.11 19.96 21.96 PASS LTE Band 26 5M 16QAM 26715 1RB#13 22.50 20.35 22.35 PASS LTE Band 26 5M 16QAM 26715 1RB#24 22.05 19.90 21.90 PASS LTE Band 26 5M 16QAM 26715 12RB#0 21.56 19.41 21.41 PASS LTE Band 26 5M 16QAM 26715 12RB#6 21.52 19.37 21.37 PASS LTE Band 26 5M 16QAM 26715 12RB#13 21.42 19.27 21.27 PASS LTE Band 26 5M 16QAM 26715 25RB#0 21.52 19.37 21.37 PASS	LTE Band 26	5M	QPSK	26765	12RB#0	22.70	20.55	22.55	PASS
LTE Band 26 5M QPSK 26765 25RB#0 22.75 20.60 22.60 PASS LTE Band 26 5M 16QAM 26715 1RB#0 22.11 19.96 21.96 PASS LTE Band 26 5M 16QAM 26715 1RB#13 22.50 20.35 22.35 PASS LTE Band 26 5M 16QAM 26715 1RB#24 22.05 19.90 21.90 PASS LTE Band 26 5M 16QAM 26715 12RB#0 21.56 19.41 21.41 PASS LTE Band 26 5M 16QAM 26715 12RB#6 21.52 19.37 21.37 PASS LTE Band 26 5M 16QAM 26715 12RB#13 21.42 19.27 21.27 PASS LTE Band 26 5M 16QAM 26715 25RB#0 21.52 19.37 21.37 PASS LTE Band 26 5M 16QAM 26740 1RB#0 22.25 20.10 22.10 PASS<	LTE Band 26	5M	QPSK	26765	12RB#6	22.62	20.47	22.47	PASS
LTE Band 26 5M 16QAM 26715 1RB#0 22.11 19.96 21.96 PASS LTE Band 26 5M 16QAM 26715 1RB#13 22.50 20.35 22.35 PASS LTE Band 26 5M 16QAM 26715 1RB#24 22.05 19.90 21.90 PASS LTE Band 26 5M 16QAM 26715 12RB#0 21.56 19.41 21.41 PASS LTE Band 26 5M 16QAM 26715 12RB#6 21.52 19.37 21.37 PASS LTE Band 26 5M 16QAM 26715 12RB#13 21.42 19.27 21.27 PASS LTE Band 26 5M 16QAM 26715 25RB#0 21.52 19.37 21.37 PASS LTE Band 26 5M 16QAM 26740 1RB#0 22.25 20.10 22.10 PASS LTE Band 26 5M 16QAM 26740 1RB#13 22.25 20.10 22.10 PASS	LTE Band 26	5M	QPSK	26765	12RB#13	22.65	20.50	22.50	PASS
LTE Band 26 5M 16QAM 26715 1RB#13 22.50 20.35 22.35 PASS LTE Band 26 5M 16QAM 26715 1RB#24 22.05 19.90 21.90 PASS LTE Band 26 5M 16QAM 26715 12RB#0 21.56 19.41 21.41 PASS LTE Band 26 5M 16QAM 26715 12RB#6 21.52 19.37 21.37 PASS LTE Band 26 5M 16QAM 26715 12RB#13 21.42 19.27 21.27 PASS LTE Band 26 5M 16QAM 26715 25RB#0 21.52 19.37 21.37 PASS LTE Band 26 5M 16QAM 26740 1RB#0 22.25 20.10 22.10 PASS LTE Band 26 5M 16QAM 26740 1RB#24 22.25 20.10 22.10 PASS LTE Band 26 5M 16QAM 26740 12RB#0 21.72 19.57 21.57 PAS	LTE Band 26	5M	QPSK	26765	25RB#0	22.75	20.60	22.60	PASS
LTE Band 26 5M 16QAM 26715 1RB#24 22.05 19.90 21.90 PASS LTE Band 26 5M 16QAM 26715 12RB#0 21.56 19.41 21.41 PASS LTE Band 26 5M 16QAM 26715 12RB#6 21.52 19.37 21.37 PASS LTE Band 26 5M 16QAM 26715 12RB#13 21.42 19.27 21.27 PASS LTE Band 26 5M 16QAM 26715 25RB#0 21.52 19.37 21.37 PASS LTE Band 26 5M 16QAM 26740 1RB#0 22.25 20.10 22.10 PASS LTE Band 26 5M 16QAM 26740 1RB#13 22.50 20.35 22.35 PASS LTE Band 26 5M 16QAM 26740 1RB#24 22.25 20.10 22.10 PASS LTE Band 26 5M 16QAM 26740 12RB#6 21.72 19.57 21.57 PAS	LTE Band 26	5M	16QAM	26715	1RB#0	22.11	19.96	21.96	PASS
LTE Band 26 5M 16QAM 26715 12RB#0 21.56 19.41 21.41 PASS LTE Band 26 5M 16QAM 26715 12RB#6 21.52 19.37 21.37 PASS LTE Band 26 5M 16QAM 26715 12RB#13 21.42 19.27 21.27 PASS LTE Band 26 5M 16QAM 26715 25RB#0 21.52 19.37 21.37 PASS LTE Band 26 5M 16QAM 26740 1RB#0 22.25 20.10 22.10 PASS LTE Band 26 5M 16QAM 26740 1RB#13 22.50 20.35 22.35 PASS LTE Band 26 5M 16QAM 26740 1RB#24 22.25 20.10 22.10 PASS LTE Band 26 5M 16QAM 26740 12RB#0 21.72 19.57 21.57 PASS LTE Band 26 5M 16QAM 26740 12RB#13 21.41 19.26 21.26 PA	LTE Band 26	5M	16QAM	26715	1RB#13	22.50	20.35	22.35	PASS
LTE Band 26 5M 16QAM 26715 12RB#6 21.52 19.37 21.37 PASS LTE Band 26 5M 16QAM 26715 12RB#13 21.42 19.27 21.27 PASS LTE Band 26 5M 16QAM 26715 25RB#0 21.52 19.37 21.37 PASS LTE Band 26 5M 16QAM 26740 1RB#0 22.25 20.10 22.10 PASS LTE Band 26 5M 16QAM 26740 1RB#13 22.50 20.35 22.35 PASS LTE Band 26 5M 16QAM 26740 1RB#24 22.25 20.10 22.10 PASS LTE Band 26 5M 16QAM 26740 12RB#0 21.72 19.57 21.57 PASS LTE Band 26 5M 16QAM 26740 12RB#6 21.70 19.55 21.55 PASS LTE Band 26 5M 16QAM 26740 12RB#13 21.41 19.26 21.26 PA	LTE Band 26	5M	16QAM	26715	1RB#24	22.05	19.90	21.90	PASS
LTE Band 26 5M 16QAM 26715 12RB#13 21.42 19.27 21.27 PASS LTE Band 26 5M 16QAM 26715 25RB#0 21.52 19.37 21.37 PASS LTE Band 26 5M 16QAM 26740 1RB#0 22.25 20.10 22.10 PASS LTE Band 26 5M 16QAM 26740 1RB#13 22.50 20.35 22.35 PASS LTE Band 26 5M 16QAM 26740 1RB#24 22.25 20.10 22.10 PASS LTE Band 26 5M 16QAM 26740 12RB#0 21.72 19.57 21.57 PASS LTE Band 26 5M 16QAM 26740 12RB#6 21.70 19.55 21.55 PASS LTE Band 26 5M 16QAM 26740 12RB#13 21.41 19.26 21.26 PASS LTE Band 26 5M 16QAM 26765 1RB#0 22.13 19.98 21.98 PAS	LTE Band 26	5M	16QAM	26715	12RB#0	21.56	19.41	21.41	PASS
LTE Band 26 5M 16QAM 26715 25RB#0 21.52 19.37 21.37 PASS LTE Band 26 5M 16QAM 26740 1RB#0 22.25 20.10 22.10 PASS LTE Band 26 5M 16QAM 26740 1RB#13 22.50 20.35 22.35 PASS LTE Band 26 5M 16QAM 26740 1RB#24 22.25 20.10 22.10 PASS LTE Band 26 5M 16QAM 26740 12RB#0 21.72 19.57 21.57 PASS LTE Band 26 5M 16QAM 26740 12RB#6 21.70 19.55 21.55 PASS LTE Band 26 5M 16QAM 26740 12RB#13 21.41 19.26 21.26 PASS LTE Band 26 5M 16QAM 26740 25RB#0 21.61 19.46 21.46 PASS LTE Band 26 5M 16QAM 26765 1RB#13 22.67 20.52 22.52 PAS	LTE Band 26	5M	16QAM	26715	12RB#6	21.52	19.37	21.37	PASS
LTE Band 26 5M 16QAM 26740 1RB#0 22.25 20.10 22.10 PASS LTE Band 26 5M 16QAM 26740 1RB#13 22.50 20.35 22.35 PASS LTE Band 26 5M 16QAM 26740 1RB#24 22.25 20.10 22.10 PASS LTE Band 26 5M 16QAM 26740 12RB#0 21.72 19.57 21.57 PASS LTE Band 26 5M 16QAM 26740 12RB#6 21.70 19.55 21.55 PASS LTE Band 26 5M 16QAM 26740 12RB#13 21.41 19.26 21.26 PASS LTE Band 26 5M 16QAM 26740 25RB#0 21.61 19.46 21.46 PASS LTE Band 26 5M 16QAM 26765 1RB#0 22.13 19.98 21.98 PASS LTE Band 26 5M 16QAM 26765 1RB#13 22.67 20.52 22.52 PASS	LTE Band 26	5M	16QAM	26715	12RB#13	21.42	19.27	21.27	PASS
LTE Band 26 5M 16QAM 26740 1RB#13 22.50 20.35 22.35 PASS LTE Band 26 5M 16QAM 26740 1RB#24 22.25 20.10 22.10 PASS LTE Band 26 5M 16QAM 26740 12RB#0 21.72 19.57 21.57 PASS LTE Band 26 5M 16QAM 26740 12RB#6 21.70 19.55 21.55 PASS LTE Band 26 5M 16QAM 26740 12RB#13 21.41 19.26 21.26 PASS LTE Band 26 5M 16QAM 26740 25RB#0 21.61 19.46 21.46 PASS LTE Band 26 5M 16QAM 26765 1RB#0 22.13 19.98 21.98 PASS LTE Band 26 5M 16QAM 26765 1RB#13 22.67 20.52 22.52 PASS LTE Band 26 5M 16QAM 26765 1RB#24 21.78 19.63 21.63 PAS	LTE Band 26	5M	16QAM	26715	25RB#0	21.52	19.37	21.37	PASS
LTE Band 26 5M 16QAM 26740 1RB#24 22.25 20.10 22.10 PASS LTE Band 26 5M 16QAM 26740 12RB#0 21.72 19.57 21.57 PASS LTE Band 26 5M 16QAM 26740 12RB#6 21.70 19.55 21.55 PASS LTE Band 26 5M 16QAM 26740 12RB#13 21.41 19.26 21.26 PASS LTE Band 26 5M 16QAM 26740 25RB#0 21.61 19.46 21.46 PASS LTE Band 26 5M 16QAM 26765 1RB#0 22.13 19.98 21.98 PASS LTE Band 26 5M 16QAM 26765 1RB#13 22.67 20.52 22.52 PASS LTE Band 26 5M 16QAM 26765 1RB#24 21.78 19.63 21.63 PASS LTE Band 26 5M 16QAM 26765 12RB#0 21.51 19.36 21.36 PAS	LTE Band 26	5M	16QAM	26740	1RB#0	22.25	20.10	22.10	PASS
LTE Band 26 5M 16QAM 26740 12RB#0 21.72 19.57 21.57 PASS LTE Band 26 5M 16QAM 26740 12RB#6 21.70 19.55 21.55 PASS LTE Band 26 5M 16QAM 26740 12RB#13 21.41 19.26 21.26 PASS LTE Band 26 5M 16QAM 26740 25RB#0 21.61 19.46 21.46 PASS LTE Band 26 5M 16QAM 26765 1RB#0 22.13 19.98 21.98 PASS LTE Band 26 5M 16QAM 26765 1RB#13 22.67 20.52 22.52 PASS LTE Band 26 5M 16QAM 26765 1RB#24 21.78 19.63 21.63 PASS LTE Band 26 5M 16QAM 26765 12RB#0 21.51 19.36 21.36 PASS	LTE Band 26	5M	16QAM	26740	1RB#13	22.50	20.35	22.35	PASS
LTE Band 26 5M 16QAM 26740 12RB#6 21.70 19.55 21.55 PASS LTE Band 26 5M 16QAM 26740 12RB#13 21.41 19.26 21.26 PASS LTE Band 26 5M 16QAM 26740 25RB#0 21.61 19.46 21.46 PASS LTE Band 26 5M 16QAM 26765 1RB#0 22.13 19.98 21.98 PASS LTE Band 26 5M 16QAM 26765 1RB#13 22.67 20.52 22.52 PASS LTE Band 26 5M 16QAM 26765 1RB#24 21.78 19.63 21.63 PASS LTE Band 26 5M 16QAM 26765 12RB#0 21.51 19.36 21.36 PASS	LTE Band 26	5M	16QAM	26740	1RB#24	22.25	20.10	22.10	PASS
LTE Band 26 5M 16QAM 26740 12RB#13 21.41 19.26 21.26 PASS LTE Band 26 5M 16QAM 26740 25RB#0 21.61 19.46 21.46 PASS LTE Band 26 5M 16QAM 26765 1RB#0 22.13 19.98 21.98 PASS LTE Band 26 5M 16QAM 26765 1RB#13 22.67 20.52 22.52 PASS LTE Band 26 5M 16QAM 26765 1RB#24 21.78 19.63 21.63 PASS LTE Band 26 5M 16QAM 26765 12RB#0 21.51 19.36 21.36 PASS	LTE Band 26	5M	16QAM	26740	12RB#0	21.72	19.57	21.57	PASS
LTE Band 26 5M 16QAM 26740 25RB#0 21.61 19.46 21.46 PASS LTE Band 26 5M 16QAM 26765 1RB#0 22.13 19.98 21.98 PASS LTE Band 26 5M 16QAM 26765 1RB#13 22.67 20.52 22.52 PASS LTE Band 26 5M 16QAM 26765 1RB#24 21.78 19.63 21.63 PASS LTE Band 26 5M 16QAM 26765 12RB#0 21.51 19.36 21.36 PASS	LTE Band 26	5M	16QAM	26740	12RB#6	21.70	19.55	21.55	PASS
LTE Band 26 5M 16QAM 26765 1RB#0 22.13 19.98 21.98 PASS LTE Band 26 5M 16QAM 26765 1RB#13 22.67 20.52 22.52 PASS LTE Band 26 5M 16QAM 26765 1RB#24 21.78 19.63 21.63 PASS LTE Band 26 5M 16QAM 26765 12RB#0 21.51 19.36 21.36 PASS	LTE Band 26	5M	16QAM	26740	12RB#13	21.41	19.26	21.26	PASS
LTE Band 26 5M 16QAM 26765 1RB#13 22.67 20.52 22.52 PASS LTE Band 26 5M 16QAM 26765 1RB#24 21.78 19.63 21.63 PASS LTE Band 26 5M 16QAM 26765 12RB#0 21.51 19.36 21.36 PASS	LTE Band 26	5M	16QAM	26740	25RB#0	21.61	19.46	21.46	PASS
LTE Band 26 5M 16QAM 26765 1RB#24 21.78 19.63 21.63 PASS LTE Band 26 5M 16QAM 26765 12RB#0 21.51 19.36 21.36 PASS	LTE Band 26	5M	16QAM	26765	1RB#0	22.13	19.98	21.98	PASS
LTE Band 26 5M 16QAM 26765 12RB#0 21.51 19.36 21.36 PASS	LTE Band 26	5M	16QAM	26765	1RB#13	22.67	20.52	22.52	PASS
	LTE Band 26	5M	16QAM	26765	1RB#24	21.78	19.63	21.63	PASS
LTER 100 FM 400AM 20707 107070 2107 1070	LTE Band 26	5M	16QAM	26765	12RB#0	21.51	19.36	21.36	PASS
LIE Band 26 5M 16QAM 26765 12RB#6 21.67 19.52 21.52 PASS	LTE Band 26	5M	16QAM	26765	12RB#6	21.67	19.52	21.52	PASS



LTE Band 26	5M	16QAM	26765	12RB#13	21.61	19.46	21.46	PASS
LTE Band 26	5M	16QAM	26765	25RB#0	21.58	19.43	21.43	PASS
LTE Band 26	10M	QPSK	26740	1RB#0	23.42	21.27	23.27	PASS
LTE Band 26	10M	QPSK	26740	1RB#25	24.07	21.92	23.92	PASS
LTE Band 26	10M	QPSK	26740	1RB#49	23.27	21.12	23.12	PASS
LTE Band 26	10M	QPSK	26740	25RB#0	22.79	20.64	22.64	PASS
LTE Band 26	10M	QPSK	26740	25RB#13	22.85	20.70	22.70	PASS
LTE Band 26	10M	QPSK	26740	25RB#25	22.66	20.51	22.51	PASS
LTE Band 26	10M	QPSK	26740	50RB#0	22.64	20.49	22.49	PASS
LTE Band 26	10M	16QAM	26740	1RB#0	22.34	20.19	22.19	PASS
LTE Band 26	10M	16QAM	26740	1RB#25	22.40	20.25	22.25	PASS
LTE Band 26	10M	16QAM	26740	1RB#49	22.40	20.25	22.25	PASS
LTE Band 26	10M	16QAM	26740	25RB#0	21.57	19.42	21.42	PASS
LTE Band 26	10M	16QAM	26740	25RB#13	21.70	19.55	21.55	PASS
LTE Band 26	10M	16QAM	26740	25RB#25	21.66	19.51	21.51	PASS
LTE Band 26	10M	16QAM	26740	50RB#0	21.56	19.41	21.41	PASS

Note: All conducted power has been calculated for line loss.



5.2. Radiates Spurious Emission

Ambient condition

Temperature	Relative humidity			
21°C ~25°C	40%~60%			

Method of Measurement

- 1. The testing follows FCC KDB 971168 v03r01 Section 5.8 and ANSI C63.26 (2015).
- 2. Below 1GHz: The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H). Above 1GHz: (Note: the FCC's permission to use 1.5m as an alternative per TCBC Conf call of Dec. 2, 2014.) The EUT is placed on a turntable 1.5 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).
- 3. A loop antenna, A log-periodic antenna or horn antenna shall be substituted in place of the EUT. The log-periodic antenna will be driven by a signal generator and the level will be adjusted till the same power value on the spectrum analyzer or receiver. The level of the spurious emissions can be calculated through the level of the signal generator, cable loss, the gain of the substitution antenna and the reading of the spectrum analyzer or receiver.
- Set Test Receiver or Spectrum RBW=200Hz,VBW=600Hz for 9kHz-150kHz, RBW=10kHz, VBW=30kHz 150kHz-30MHz, RBW=100kHz,VBW=300kHz for 30MHz to 1GHz and RBW=1MHz, VBW=3MHz for above 1GHz, And the maximum value of the receiver should be recorded as (Pr). 5. The EUT shall be replaced by a substitution antenna. In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (PMea) is applied to the

4. The EUT is then put into continuously transmitting mode at its maximum power level during the test.

the receiver reach the previously recorded (Pr). The power of signal source (PMea) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.

6. A amplifier should be connected to the Signal Source output port. And the cable should be connect between the Amplifier and the Substitution Antenna. The cable loss (PcI) ,the Substitution Antenna

input of the substitution antenna, and adjust the level of the signal generator output until the value of

7. The measurement results are obtained as described below:

Gain (Ga) and the Amplifier Gain (PAg) should be recorded after test.

Power(EIRP)=PMea- PAg - PcI + Ga

The measurement results are amend as described below:

Power(EIRP)=PMea- Pcl + Ga

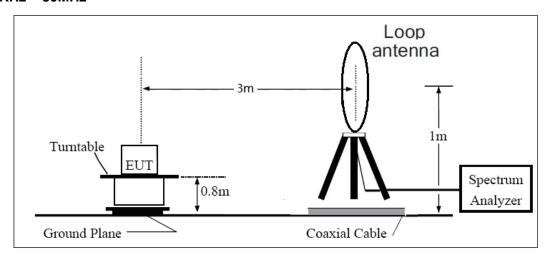
8. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dBi)

and known input power. ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP-2.15dBi.

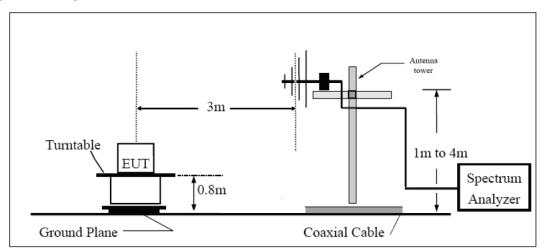
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test setup

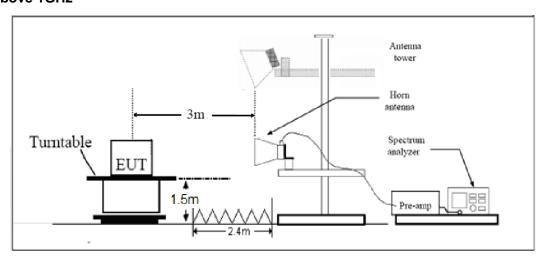
9KHz ~ 30MHz



30MHz~~~ 1GHz



Above 1GHz





Limits

F Test Report No.: R2010A0681-R5V1

Rule Part 90.691 specifies that "The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(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 = 3.55 dB.

Test Result

Sweep the whole frequency band through the range from 30MHz to the 10th harmonic of the carrier, the emissions below the noise floor will not be recorded in the report.

LTE Band 26 1.4MHz CH Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1638.00	-54.58	2.00	10.75	Horizontal	-47.98	-13.00	34.98	180
3	2457.00	-59.14	2.51	11.05	Horizontal	-52.75	-13.00	39.75	0
4	3276.00	-58.59	4.20	11.15	Horizontal	-53.79	-13.00	40.79	270
5	4095.00	-56.48	5.20	11.15	Horizontal	-52.68	-13.00	39.68	180
6	4914.00	-55.15	5.50	11.95	Horizontal	-50.85	-13.00	37.85	0
7	5733.00	-58.41	5.70	13.55	Horizontal	-52.71	-13.00	39.71	45
8	6552.00	-57.80	6.30	13.75	Horizontal	-52.50	-13.00	39.50	90
9	7371.00	-54.47	6.80	13.85	Horizontal	-49.57	-13.00	36.57	225
10	8190.00	-54.20	6.90	14.25	Horizontal	-49.00	-13.00	36.00	315

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 26 5MHz CH Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1638.00	-55.14	2.00	10.75	Horizontal	-48.54	-13.00	35.54	45
3	2457.00	-59.36	2.51	11.05	Horizontal	-52.97	-13.00	39.97	90
4	3276.00	-57.61	4.20	11.15	Horizontal	-52.81	-13.00	39.81	45
5	4095.00	-55.32	5.20	11.15	Horizontal	-51.52	-13.00	38.52	270
6	4914.00	-55.86	5.50	11.95	Horizontal	-51.56	-13.00	38.56	180
7	5733.00	-59.25	5.70	13.55	Horizontal	-53.55	-13.00	40.55	0
8	6552.00	-58.13	6.30	13.75	Horizontal	-52.83	-13.00	39.83	90
9	7371.00	-54.16	6.80	13.85	Horizontal	-49.26	-13.00	36.26	45
10	8190.00	-53.85	6.90	14.25	Horizontal	-48.65	-13.00	35.65	315

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

TA Technology (Shanghai) Co., Ltd.

TA-MB-04-010R



LTE Band 26 10MHz CH Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1638.00	-54.38	2.00	10.75	Horizontal	-47.78	-13.00	34.78	45
3	2457.00	-58.96	2.51	11.05	Horizontal	-52.57	-13.00	39.57	90
4	3276.00	-58.81	4.20	11.15	Horizontal	-54.01	-13.00	41.01	225
5	4095.00	-57.09	5.20	11.15	Horizontal	-53.29	-13.00	40.29	0
6	4914.00	-55.09	5.50	11.95	Horizontal	-50.79	-13.00	37.79	45
7	5733.00	-58.19	5.70	13.55	Horizontal	-52.49	-13.00	39.49	315
8	6552.00	-58.33	6.30	13.75	Horizontal	-53.03	-13.00	40.03	45
9	7371.00	-53.86	6.80	13.85	Horizontal	-48.96	-13.00	35.96	90
10	8190.00	-53.59	6.90	14.25	Horizontal	-48.39	-13.00	35.39	315

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

^{2.} The worst emission was found in the antenna is Horizontal position.



6. Main Test Instruments

Name	Manufacturer	Туре	Serial Number	Calibration Date	Expiration Date
Base Station Simulator	R&S	CMW500	113824	2020-05-18	2021-05-17
Power Splitter	Hua Xiang	SHX-GF2-2-13	10120101	1	1
Spectrum Analyzer	Agilent	N9010A	MY50210259	2020-05-18	2021-05-17
Signal Analyzer	R&S	FSV30	100815	2019-12-15	2020-12-14
Trilog Antenna	SCHWARZBECK	VUBL 9163	391	2019-12-16	2022-12-15
Horn Antenna	R&S	HF907	102723	2018-08-11	2021-08-10
Signal generator	R&S	SMF 100A	102235	2020-05-18	2021-05-17
Climatic Chamber	ESPEC	SU-242	93000506	2017-12-17	2020-12-16
RF Cable	Agilent	SMA 15cm	0001	2020-06-12	2020-12-11
Software	R&S	EMC32	9.26.0	1	/

*****END OF REPORT *****



ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.

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ANNEX B: Test Setup Photos

The Test Setup Photos are submitted separately.

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