RF TEST REPORT

Applicant	ID TECH
FCC ID	WQJ-VP8810PL
Product	VP8810P
Brand	ID TECH
Model	VP8810-8810; VP8810-8810D
Report No.	R2210A0938-R4
Issue Date	July 3, 2023

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR47 Part 2 (2022)/ FCC CFR 47 Part 90S (2022)**. 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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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	Radiated Spurious Emission	2.1053 /90.691	PASS
Date of Testing: November 2, 2022 ~ December 29, 2022 and February 6, 2023 ~ February 7, 2023 Date of Sample Received: October 13, 2022			
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.			

VP8810-8810; VP8810-8810D (Report No.: R2210A0938-R4) is a variant model of VP6825-8100; VP6825-8100D (Report No.: R2210A0932-R4V1). This Product only changes Product Model and adds printer key.
Because of the change of antenna gain, Effective Radiated Power also re evaluated. Other test values duplicated from the original report.
The detailed product change description please refers to the *Difference Declaration Letter*.

There is only test Radiated Spurious Emission for VP6825-8100 in this report, and because of the change of antenna gain, Effective Radiated Power also re evaluated. Other test items refer to the module report (FCC ID: XMR202008EG91NAXD; Report No.: R2006A0379-R3).

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:	Building 3, No.145, Jintang Rd, Pudong Shanghai, P.R.China
City:	Shanghai
Post code:	201201
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E-mail:	xukai@ta-shanghai.com

2. General Description of Equipment Under Test

2.1. Applicant and Manufacturer Information

Applicant	ID TECH
Applicant address	10721 Walker Street, Cypress, California 90630, United States
Manufacturer	ID TECH TAIWAN
Manufacturer address	No. 16, Lane 22, GaoQing Rd., YanMei Dist., TaoYuan City 326, Taiwan

2.2. General Information

EUT Description			
Model	VP8810-8810; VP8810-8810D		
SN	(Original) 226K000755		
Hardware Version	Rev.A		
Software Version	v1.00		
Power Supply	External power supply		
Antenna Type	PIFA Antenna		
Antenna Gain	-2.5 dBi		
Test Mode(s)	LTE Band 26;		
Test Modulation	QPSK, 16QAM		
LTE Category	1		
Maximum E.R.P.	19.45 dBm		
Rated Power Supply Voltage	DC 5 V		
Operating Voltage	Minimum: 4.75V Maximum: 5.25V		
Operating Temperature	Lowest: -20°C Highest: +70°C		
Operating Frequency Range(s)	Band	Tx (MHz)	Rx (MHz)
	LTE Band 26	814 ~ 824	859 ~ 869
Note: 1. The EUT is sent from the applicant to TA and the information of the EUT is declared by the applicant. 2. VP8810-8810 and VP8810-8810D are the same except for different models.			

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 (2022)

FCC CFR47 Part 2 (2022)

Reference standard:
ANSI C63.26-2015

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 (X 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	QPSK	16QAM	1	50%	100%	L	M	H
RF Power Output and Effective Radiated Power	O	O	O	O	O	O	O	O	O	O	O	O
Radiated Spurious Emission	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.											

5. Test Case

5.1. RF Power Output and Effective Radiated Power

Ambient Condition

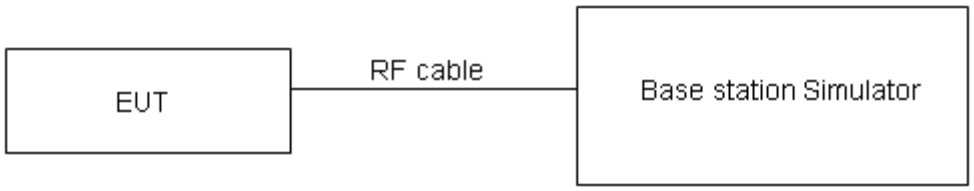
Temperature	Relative humidity
20°C ~25°C	40%~60%

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) + Antenna Gain (dBi)
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)

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.

Test Results

Refer to the section 6.1 of this report for test data.

5.2. Radiated Spurious Emission

Ambient Condition

Temperature	Relative humidity
20°C ~ 25°C	45% ~ 50%

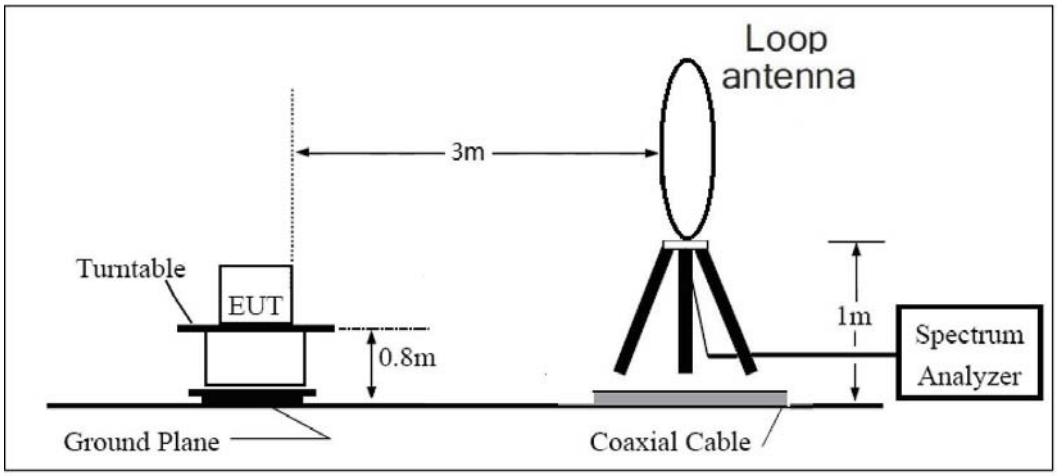
Method of Measurement

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.
4. The EUT is then put into continuously transmitting mode at its maximum power level during the test. Set Test Receiver or Spectrum RBW=100kHz,VBW=300kHz, 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 input of the substitution antenna, and adjust the level of the signal generator output until the value of 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 (Pcl) ,the Substitution Antenna Gain (Ga) and the Amplifier Gain (PAg) should be recorded after test.
7. The measurement results are obtained as described below:
Power(EIRP)=PMea- PAg - Pcl + 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.

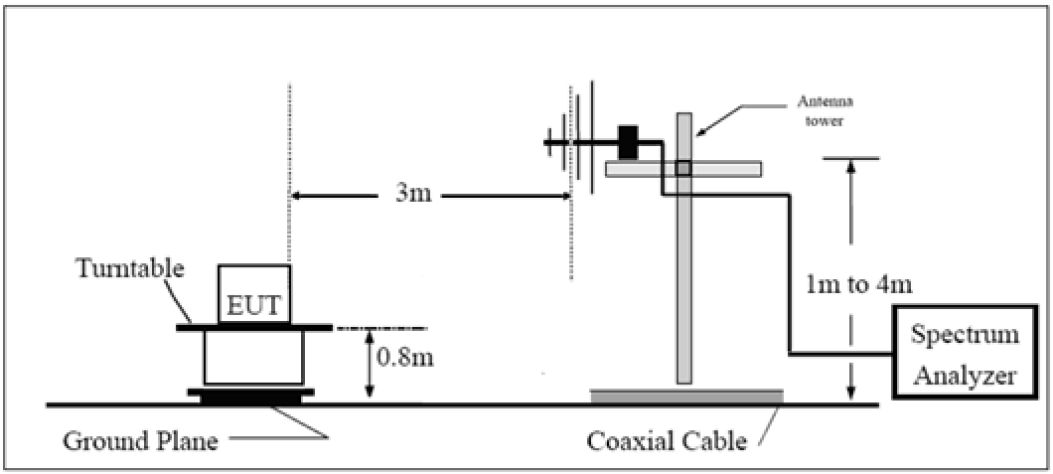
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test Setup

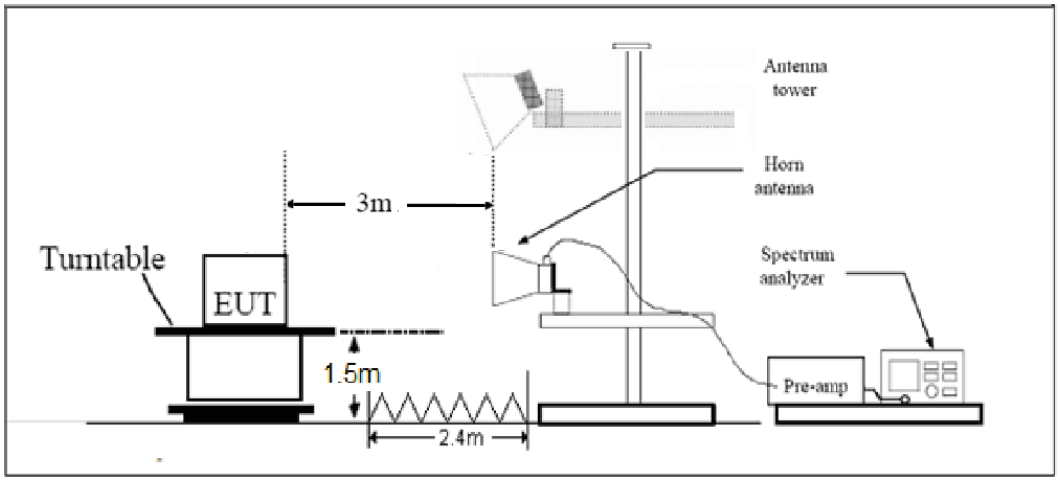
9KHz~ 30MHz



30MHz~ 1GHz



Above 1GHz



Note: Area side: 2.4mX3.6m

Limits

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 Results

Refer to the section 6.2 of this report for test data.

6. Test Results

6.1. RF Power Output and Effective Radiated Power

Band	Bandwidth	Modulation	Channel	RB Configuration	Maximum Output Power (dBm)	ERP (dBm)
LTE Band26	1.4M	QPSK	26697	1RB#0	23.89	19.24
LTE Band26	1.4M	QPSK	26697	1RB#2	24.07	19.42
LTE Band26	1.4M	QPSK	26697	1RB#5	23.71	19.06
LTE Band26	1.4M	QPSK	26697	3RB#0	22.89	18.24
LTE Band26	1.4M	QPSK	26697	3RB#2	22.81	18.16
LTE Band26	1.4M	QPSK	26697	3RB#3	22.83	18.18
LTE Band26	1.4M	QPSK	26697	6RB#0	22.84	18.19
LTE Band26	1.4M	QPSK	26740	1RB#0	23.96	19.31
LTE Band26	1.4M	QPSK	26740	1RB#2	23.66	19.01
LTE Band26	1.4M	QPSK	26740	1RB#5	23.63	18.98
LTE Band26	1.4M	QPSK	26740	3RB#0	22.83	18.18
LTE Band26	1.4M	QPSK	26740	3RB#2	22.80	18.15
LTE Band26	1.4M	QPSK	26740	3RB#3	22.69	18.04
LTE Band26	1.4M	QPSK	26740	6RB#0	22.79	18.14
LTE Band26	1.4M	QPSK	26783	1RB#0	23.86	19.21
LTE Band26	1.4M	QPSK	26783	1RB#2	23.63	18.98
LTE Band26	1.4M	QPSK	26783	1RB#5	23.71	19.06
LTE Band26	1.4M	QPSK	26783	3RB#0	22.67	18.02
LTE Band26	1.4M	QPSK	26783	3RB#2	22.73	18.08
LTE Band26	1.4M	QPSK	26783	3RB#3	22.77	18.12
LTE Band26	1.4M	QPSK	26783	6RB#0	22.80	18.15
LTE Band26	1.4M	16QAM	26697	1RB#0	23.19	18.54
LTE Band26	1.4M	16QAM	26697	1RB#2	23.02	18.37
LTE Band26	1.4M	16QAM	26697	1RB#5	22.90	18.25
LTE Band26	1.4M	16QAM	26697	3RB#0	21.87	17.22
LTE Band26	1.4M	16QAM	26697	3RB#2	21.88	17.23
LTE Band26	1.4M	16QAM	26697	3RB#3	21.85	17.20
LTE Band26	1.4M	16QAM	26697	6RB#0	21.83	17.18
LTE Band26	1.4M	16QAM	26740	1RB#0	22.73	18.08
LTE Band26	1.4M	16QAM	26740	1RB#2	22.46	17.81
LTE Band26	1.4M	16QAM	26740	1RB#5	22.42	17.77
LTE Band26	1.4M	16QAM	26740	3RB#0	21.67	17.02
LTE Band26	1.4M	16QAM	26740	3RB#2	21.65	17.00
LTE Band26	1.4M	16QAM	26740	3RB#3	21.63	16.98

LTE Band26	1.4M	16QAM	26740	6RB#0	21.75	17.10
LTE Band26	1.4M	16QAM	26783	1RB#0	23.10	18.45
LTE Band26	1.4M	16QAM	26783	1RB#2	23.16	18.51
LTE Band26	1.4M	16QAM	26783	1RB#5	23.15	18.50
LTE Band26	1.4M	16QAM	26783	3RB#0	21.52	16.87
LTE Band26	1.4M	16QAM	26783	3RB#2	21.58	16.93
LTE Band26	1.4M	16QAM	26783	3RB#3	21.58	16.93
LTE Band26	1.4M	16QAM	26783	6RB#0	21.87	17.22
LTE Band26	3M	QPSK	26705	1RB#0	23.91	19.26
LTE Band26	3M	QPSK	26705	1RB#7	24.10	19.45
LTE Band26	3M	QPSK	26705	1RB#14	23.74	19.09
LTE Band26	3M	QPSK	26705	8RB#0	22.97	18.32
LTE Band26	3M	QPSK	26705	8RB#4	22.91	18.26
LTE Band26	3M	QPSK	26705	8RB#7	22.91	18.26
LTE Band26	3M	QPSK	26705	15RB#0	22.87	18.22
LTE Band26	3M	QPSK	26740	1RB#0	24.00	19.35
LTE Band26	3M	QPSK	26740	1RB#7	23.71	19.06
LTE Band26	3M	QPSK	26740	1RB#14	23.68	19.03
LTE Band26	3M	QPSK	26740	8RB#0	22.93	18.28
LTE Band26	3M	QPSK	26740	8RB#4	22.88	18.23
LTE Band26	3M	QPSK	26740	8RB#7	22.78	18.13
LTE Band26	3M	QPSK	26740	15RB#0	22.83	18.18
LTE Band26	3M	QPSK	26775	1RB#0	23.89	19.24
LTE Band26	3M	QPSK	26775	1RB#7	23.67	19.02
LTE Band26	3M	QPSK	26775	1RB#14	23.75	19.10
LTE Band26	3M	QPSK	26775	8RB#0	22.78	18.13
LTE Band26	3M	QPSK	26775	8RB#4	22.83	18.18
LTE Band26	3M	QPSK	26775	8RB#7	22.85	18.20
LTE Band26	3M	QPSK	26775	15RB#0	22.83	18.18
LTE Band26	3M	16QAM	26705	1RB#0	23.22	18.57
LTE Band26	3M	16QAM	26705	1RB#7	23.05	18.40
LTE Band26	3M	16QAM	26705	1RB#14	22.92	18.27
LTE Band26	3M	16QAM	26705	8RB#0	21.96	17.31
LTE Band26	3M	16QAM	26705	8RB#4	21.97	17.32
LTE Band26	3M	16QAM	26705	8RB#7	21.93	17.28
LTE Band26	3M	16QAM	26705	15RB#0	21.86	17.21
LTE Band26	3M	16QAM	26740	1RB#0	22.75	18.10
LTE Band26	3M	16QAM	26740	1RB#7	22.51	17.86
LTE Band26	3M	16QAM	26740	1RB#14	22.46	17.81
LTE Band26	3M	16QAM	26740	8RB#0	21.78	17.13
LTE Band26	3M	16QAM	26740	8RB#4	21.76	17.11
LTE Band26	3M	16QAM	26740	8RB#7	21.73	17.08

LTE Band26	3M	16QAM	26740	15RB#0	21.79	17.14
LTE Band26	3M	16QAM	26775	1RB#0	23.13	18.48
LTE Band26	3M	16QAM	26775	1RB#7	23.20	18.55
LTE Band26	3M	16QAM	26775	1RB#14	23.18	18.53
LTE Band26	3M	16QAM	26775	8RB#0	21.62	16.97
LTE Band26	3M	16QAM	26775	8RB#4	21.68	17.03
LTE Band26	3M	16QAM	26775	8RB#7	21.69	17.04
LTE Band26	3M	16QAM	26775	15RB#0	21.90	17.25
LTE Band26	5M	QPSK	26715	1RB#0	23.86	19.21
LTE Band26	5M	QPSK	26715	1RB#13	24.08	19.43
LTE Band26	5M	QPSK	26715	1RB#24	23.68	19.03
LTE Band26	5M	QPSK	26715	12RB#0	22.92	18.27
LTE Band26	5M	QPSK	26715	12RB#6	22.87	18.22
LTE Band26	5M	QPSK	26715	12RB#13	22.85	18.20
LTE Band26	5M	QPSK	26715	25RB#0	22.88	18.23
LTE Band26	5M	QPSK	26740	1RB#0	23.91	19.26
LTE Band26	5M	QPSK	26740	1RB#13	23.67	19.02
LTE Band26	5M	QPSK	26740	1RB#24	23.61	18.96
LTE Band26	5M	QPSK	26740	12RB#0	22.84	18.19
LTE Band26	5M	QPSK	26740	12RB#6	22.80	18.15
LTE Band26	5M	QPSK	26740	12RB#13	22.72	18.07
LTE Band26	5M	QPSK	26740	25RB#0	22.75	18.10
LTE Band26	5M	QPSK	26765	1RB#0	23.83	19.18
LTE Band26	5M	QPSK	26765	1RB#13	23.63	18.98
LTE Band26	5M	QPSK	26765	1RB#24	23.67	19.02
LTE Band26	5M	QPSK	26765	12RB#0	22.71	18.06
LTE Band26	5M	QPSK	26765	12RB#6	22.75	18.10
LTE Band26	5M	QPSK	26765	12RB#13	22.78	18.13
LTE Band26	5M	QPSK	26765	25RB#0	22.76	18.11
LTE Band26	5M	16QAM	26715	1RB#0	23.14	18.49
LTE Band26	5M	16QAM	26715	1RB#13	22.99	18.34
LTE Band26	5M	16QAM	26715	1RB#24	22.87	18.22
LTE Band26	5M	16QAM	26715	12RB#0	21.91	17.26
LTE Band26	5M	16QAM	26715	12RB#6	21.90	17.25
LTE Band26	5M	16QAM	26715	12RB#13	21.88	17.23
LTE Band26	5M	16QAM	26715	25RB#0	21.82	17.17
LTE Band26	5M	16QAM	26740	1RB#0	22.68	18.03
LTE Band26	5M	16QAM	26740	1RB#13	22.48	17.83
LTE Band26	5M	16QAM	26740	1RB#24	22.39	17.74
LTE Band26	5M	16QAM	26740	12RB#0	21.73	17.08
LTE Band26	5M	16QAM	26740	12RB#6	21.68	17.03
LTE Band26	5M	16QAM	26740	12RB#13	21.64	16.99

LTE Band26	5M	16QAM	26740	25RB#0	21.71	17.06
LTE Band26	5M	16QAM	26765	1RB#0	23.05	18.40
LTE Band26	5M	16QAM	26765	1RB#13	23.14	18.49
LTE Band26	5M	16QAM	26765	1RB#24	23.12	18.47
LTE Band26	5M	16QAM	26765	12RB#0	21.57	16.92
LTE Band26	5M	16QAM	26765	12RB#6	21.60	16.95
LTE Band26	5M	16QAM	26765	12RB#13	21.62	16.97
LTE Band26	5M	16QAM	26765	25RB#0	21.82	17.17
LTE Band26	10M	QPSK	26740	1RB#0	23.76	19.11
LTE Band26	10M	QPSK	26740	1RB#25	23.76	19.11
LTE Band26	10M	QPSK	26740	1RB#49	23.56	18.91
LTE Band26	10M	QPSK	26740	25RB#0	22.88	18.23
LTE Band26	10M	QPSK	26740	25RB#13	22.82	18.17
LTE Band26	10M	QPSK	26740	25RB#25	22.79	18.14
LTE Band26	10M	QPSK	26740	50RB#0	22.90	18.25
LTE Band26	10M	16QAM	26740	1RB#0	23.05	18.40
LTE Band26	10M	16QAM	26740	1RB#25	23.30	18.65
LTE Band26	10M	16QAM	26740	1RB#49	23.06	18.41
LTE Band26	10M	16QAM	26740	25RB#0	21.92	17.27
LTE Band26	10M	16QAM	26740	25RB#13	21.80	17.15
LTE Band26	10M	16QAM	26740	25RB#25	21.70	17.05

6.2. Radiated Spurious Emission

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	1636.6	-52.82	1.70	8.70	Horizontal	-47.97	-13.00	34.97	315
3	2454.9	-46.03	2.30	12.00	Horizontal	-38.48	-13.00	25.48	90
4	3273.2	-64.51	2.20	13.10	Horizontal	-55.76	-13.00	42.76	135
5	4091.5	-60.49	3.00	12.50	Horizontal	-53.14	-13.00	40.14	270
6	4909.8	-60.29	3.10	12.50	Horizontal	-53.04	-13.00	40.04	45
7	5728.1	-55.94	3.40	12.50	Horizontal	-48.99	-13.00	35.99	135
8	6546.4	-60.16	3.80	11.50	Horizontal	-54.61	-13.00	41.61	45
9	7364.7	-56.35	4.20	12.20	Horizontal	-50.50	-13.00	37.50	180
10	8183.0	-53.44	4.30	12.30	Horizontal	-47.59	-13.00	34.59	0
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	1633.0	-54.36	1.70	8.70	Horizontal	-49.51	-13.00	36.51	225
3	2449.5	-47.50	2.30	12.00	Horizontal	-39.95	-13.00	26.95	135
4	3266.0	-64.78	2.20	13.10	Horizontal	-56.03	-13.00	43.03	225
5	4082.5	-61.65	3.00	12.50	Horizontal	-54.30	-13.00	41.30	90
6	4899.0	-59.76	3.10	12.50	Horizontal	-52.51	-13.00	39.51	135
7	5715.5	-55.61	3.40	12.50	Horizontal	-48.66	-13.00	35.66	225
8	6532.0	-58.60	3.80	11.50	Horizontal	-53.05	-13.00	40.05	90
9	7348.5	-56.33	4.20	12.20	Horizontal	-50.48	-13.00	37.48	315
10	8165.0	-54.96	4.30	12.30	Horizontal	-49.11	-13.00	36.11	180
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 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	1628.0	-54.37	1.70	8.70	Horizontal	-49.52	-13.00	36.52	90
3	2442.0	-46.37	2.30	12.00	Horizontal	-38.82	-13.00	25.82	270
4	3256.0	-63.97	2.20	13.10	Horizontal	-55.22	-13.00	42.22	135
5	4070.0	-60.45	3.00	12.50	Horizontal	-53.10	-13.00	40.10	225
6	4884.0	-60.45	3.10	12.50	Horizontal	-53.20	-13.00	40.20	45
7	5698.0	-55.14	3.40	12.50	Horizontal	-48.19	-13.00	35.19	270
8	6512.0	-58.82	3.80	11.50	Horizontal	-53.27	-13.00	40.27	180
9	7326.0	-56.24	4.20	12.20	Horizontal	-50.39	-13.00	37.39	45
10	8140.0	-53.27	4.30	12.30	Horizontal	-47.42	-13.00	34.42	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.									

7. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Climate Chamber	WEISS	VT 4002	58226119450010	2022-05-14	2023-05-13
Wireless Communication Tester	R&S	CMW500	150415	2022-05-14	2023-05-13
Spectrum Analyzer	R&S	FSV30	104028	2022-05-14	2023-05-13
Loop Antenna	R&S	FSV40	100816	2021-12-12	2022-12-11
				2022-12-10	2023-12-09
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	01439	2021-06-30	2024-06-29
Horn Antenna	Schwarzbeck	BBHA 9120D	01799	2022-09-01	2025-08-31
Software	R&S	EMC32	10.35.10	/	/

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

ANNEX A: The EUT Appearance

The EUT Appearance is submitted separately.

ANNEX B: Test Setup Photos

The Test Setup Photos is submitted separately.

ANNEX C: Product Change Description

The Product Change Description are submitted separately.