





# **RF TEST REPORT**

Applicant	Tag-N-Trac Inc.
FCC ID	2A24I-V07G0BJ17
Product	SmartSense Label
Brand	Tag-N-Trac Inc.
Model	SSL300
Report No.	R2306A0684-R2
Issue Date	August 18, 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 22H (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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Approved by: Xu Kai

## TA Technology (Shanghai) Co., Ltd.

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## TABLE OF CONTENT

1. Tes	t Laboratory	4
1.1.	Notes of the Test Report	4
1.2.	Test Facility	4
1.3.	Testing Location	4
2. Ger	neral Description of Equipment Under Test	5
2.1.	Applicant and Manufacturer Information	5
2.2.	General Information	5
3. App	lied Standards	6
4. Tes	t Configuration	7
5. Tes	t Case	8
5.1.	RF Power Output and Effective Radiated Power	8
5.2.	Radiated Spurious Emission	9
6. Tes	t Result	12
6.1.	RF Power Output and Effective Radiated Power	12
6.2.	Radiated Spurious Emission	14
7. Mai	n Test Instruments	17
ANNEX	A: The EUT Appearance	18
ANNEX	B: Test Setup Photos	19

### **Summary of Measurement Results**

No.	Test Case	Clause in FCC rules	Verdict						
1	RF Power Output and Effective Radiated Power	2.1046	PASS						
2	Radiated Spurious Emission	22.913(a)(5)							
Date of Testing: June 19, 2023 and July 7, 2023									
Date of Sample Received: June 15, 2023									
Note: PASS: The EUT complies with the essential requirements in the standard.									
FAI	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. I	Measurement Uncertainties we	re not taken						
into account and are published for informational purposes only.									

Only Radiated Spurious Emission is tested for SSL300 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 (Report No.: R2112A1193-R2 and R2112A1193-R3, FCC ID: XMR2022BG772AGL).

### 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 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:	Building 3, No.145, Jintang Rd, Pudong Shanghai, P.R.China
City:	Shanghai
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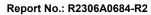
### 2. General Description of Equipment Under Test

Applicant	Tag-N-Trac Inc.
Applicant address	4250 Executive Sq, #675, La Jolla, California, United States, 92037
Manufacturer	Tag-N-Trac Inc.
Manufacturer address	4250 Executive Sq, #675, La Jolla, California, United States, 92037

### 2.1. Applicant and Manufacturer Information

### 2.2. General Information

EUT Description								
Model	SSL300							
IMEI	868617060225648	868617060225648						
Hardware Version	V1.1							
Software Version	IRONHIDE_00_11_LO							
Power Supply	Battery / External power	supply						
Antenna Type	PCB Antenna							
	Band	Gain (dBi)						
Antenna Gain	LTE-M Band 5	4.47						
	LTE-M Band 26	4.47						
Test Mode(s)	LTE-M Band 5/26;							
Test Modulation	QPSK, 16QAM							
LTE Category	M1							
Maximum E.R.P.	LTE-M Band 5:	26.10 dBm						
Maximum E.R.P.	LTE-M Band 26:	26.12 dBm						
Rated Power Supply Voltage	3.7V							
Operating Voltage	Minimum: 2.5V Maxim	num: 4.2V						
Operating Temperature	Lowest: -20°C Highe	st: 60°C						
Testing Temperature	Lowest: -30°C Highe	st: 50°C						
	Band	Tx (MHz)	Rx (MHz)					
Frequency Range(s)	LTE-M Band 5	824 ~ 849	869 ~ 894					
	LTE-M Band 26	824 ~ 849 869 ~ 894						
	EUT Accessory							
	Manufacturer: Shenzhen	Yabo Power Technolo	ogy Co., Ltd					
Battery	Mode: LP 218880							
	DC 3.7V, 1600mAh							
Note: The EUT is sent from the a	pplicant to TA and the info	rmation of the EUT is o	leclared by the					
applicant.								



### 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 22H (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 and RB size and modulations were investigated.

Subsequently, only the worst case emissions are reported.

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

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

Bandwidth (MHz) Modes						Modulation		RB		Test Channel			
	1.4	3	5	10	15	QPSK	16QAM	1	50%	100%	L	М	Н
LTE-M B5	0	0	0	0	-	0	0	0	0	0	0	0	0
LTE-M B26	0	0	0	0	0	0	0	0	0	0	0	0	0
LTE-M B5	0	-	0	0	-	0	-	0	-	-	-	0	-
LTE-M B26	0	-	0	-	0	0	-	0	-	-	-	0	-
1. The mark "O" means that this configuration is chosen for testing.													
	LTE-M B5 LTE-M B26 LTE-M B5 LTE-M B26 1. The mark "(	Modes 1.4   LTE-M B5 O   LTE-M B26 O   LTE-M B26 O   LTE-M B26 O   LTE-M B26 O	Modes I.4 3   LTE-M B5 O O   LTE-M B26 O O   LTE-M B5 O O	Modes I.4 3 5   LTE-M B5 O O O   LTE-M B26 O O O   1. The mark "O" THE START STARTS THE STARTS THE STARTS	Modes I.4 3 5 10   LTE-M B5 O O O O   LTE-M B26 O O O O O   LTE-M B26 O O O O O O   LTE-M B26 O Image: Common set of the s	Modes I.4 3 5 10 15   LTE-M B5 O O O O -   LTE-M B26 O O O O O -   LTE-M B55 O O O O O -   LTE-M B26 O - O O O -   LTE-M B26 O - O O - O   LTE-M B26 O - O O - O   LTE-M B26 O - O O - O   1. The mark "O" means the second term of t	Modes Image: Constraint of the second of the s	Modes I.4 3 5 10 15 QPSK 16QAM   LTE-M B5 O O O O - O O   LTE-M B26 O O O O O O O O   LTE-M B26 O O O O O O O O   LTE-M B5 O O O O O O O O O   LTE-M B5 O Image: Color of the second se	Modes I.4 3 5 10 15 QPSK 16QAM 1   LTE-M B5 O O O O I O	Modes Image: Constraint of the second of the s	Modes Image: Constraint of the second of the s	Modes Image: Constraint of the symbol of the s	Modes Bandwidth (MHz) Modulation RB C C   1.4 3 5 10 15 QPSK 16QAM 1 50% 100% L Modulation   LTE-M B5 0 0 0 0 1 50% 100% L Modulation   LTE-M B26 0 </td

#### Test modes are chosen as the worst case configuration below for LTE-M Band 5/26.

### 5. Test Case

#### 5.1. RF Power Output and Effective Radiated Power

#### **Ambient Condition**

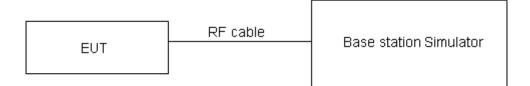
Temperature	Relative humidity				
20°C ~ 25°C	45% ~ 50%				

#### **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

No specific RF power output requirements in part 2.1046.

Rule Part 22.913(a)(5) specifies that "Mobile/portable stations are limited to 7 watts ERP".

Limit	≤ 7 W (38.45 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.

#### **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 (PcI) ,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 dB) and known input power. ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP-2.15dB.

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

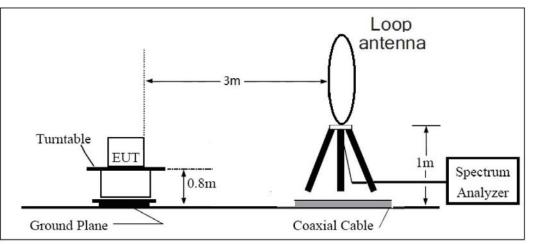
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RF Test Report

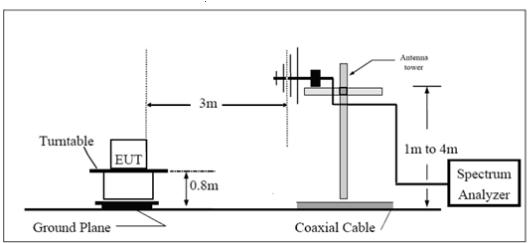
configuration.

#### **Test Setup**

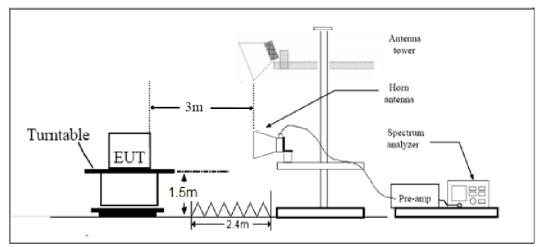
9KHz~ 30MHz



#### 30MHz~ 1GHz



Above 1GHz



Note: Area side: 2.4mX3.6m



#### Limits

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Rule Part 22.917(a) 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
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#### Measurement Uncertainty

**RF Test Report** 

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 Result

### 6.1. RF Power Output and Effective Radiated Power

LTE-M	Channel/	RB#		RB#		lucted r (dBm)	ERP (dBm)		
Band 5	Frequency(MHz)	muex	RBstart QPSK	RBstart 16QAM	QPSK	16QAM	QPSK	16QAM	
	20407/824.7	0	1#0	1#0	23.75	22.73	26.07	25.05	
	204077024.7	0	6#0	5#0	22.12	21.73	24.44	24.05	
1.4MHz	20525/836.5	0	1#0	1#0	23.68	22.63	26.00	24.95	
1.411112	20323/030.3	0	6#0	5#0	22.22	21.75	24.54	24.07	
	20643/848.3	0	1#5	1#5	23.78	22.62	26.10	24.94	
	20043/040.3	0	6#0	5#0	22.17	21.64	24.49	23.96	
	20415/825.5	0	1#0	1#0	23.55	22.86	25.87	25.18	
	20415/625.5	0	6#0	5#0	21.99	21.80	24.31	24.12	
3MHz	20525/836.5	0	1#0	1#0	23.55	22.87	25.87	25.19	
SIVITIZ		0	6#0	5#0	22.00	21.80	24.32	24.12	
	20635/847.5	1	1#5	1#5	23.38	22.74	25.70	25.06	
		1	6#0	5#0	21.90	21.63	24.22	23.95	
	20425/826.5	3	1#0	1#0	23.55	23.42	25.87	25.74	
	20425/620.5	0	6#0	5#0	23.20	21.85	25.52	24.17	
5MHz	20525/836.5	0	1#0	1#0	23.57	23.44	25.89	25.76	
	20525/650.5	0	6#0	5#0	23.09	21.87	25.41	24.19	
	20625/846.5	0	1#5	1#5	23.66	23.48	25.98	25.80	
		3	6#0	5#0	22.96	21.82	25.28	24.14	
	00450/000	3	1#0	1#0	23.52	23.41	25.84	25.73	
	20450/829	0	4#0	4#0	23.69	22.86	26.01	25.18	
10MHz	20525/836.5	0	1#0	1#0	23.52	23.35	25.84	25.67	
		0	4#0	4#0	23.64	22.90	25.96	25.22	
	20600/844	4	1#5	1#5	23.59	23.52	25.91	25.84	
	20000/044	7	4#2	4#2	23.60	21.87	25.92	24.19	

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RF Test Report

LTE-M	Channel/	Index	RB#	RB#		m Output · (dBm)	ERP (dBm)	
Band 26	Frequency(MHz)	mdex	RBstart QPSK	RBstart 16QAM	QPSK	16QAM	QPSK	16QAM
	26797/824.7	0	1#0	1#0	23.65	22.25	25.97	24.57
	201011024.1	0	6#0	5#0	22.15	21.59	24.47	23.91
1.4MHz	26915/836.5	0	1#0	1#0	23.73	22.33	26.05	24.65
	20310/030.0	0	6#0	5#0	22.12	21.67	24.44	23.99
	27033/848.3	0	1#5	1#5	23.65	22.25	25.97	24.57
	27033/040.3	0	6#0	5#0	22.08	21.56	24.40	23.88
	26805/825.5	0	1#0	1#0	23.53	22.63	25.85	24.95
	20005/025.5	0	6#0	5#0	21.87	21.67	24.19	23.99
21411-	26015/026 5	0	1#0	1#0	23.54	22.58	25.86	24.90
3MHz	26915/836.5	0	6#0	5#0	21.93	21.77	24.25	24.09
	27025/847.5	1	1#5	1#5	23.71	22.51	26.03	24.83
		1	6#0	5#0	21.82	21.61	24.14	23.93
	26815/826.5	3	1#0	1#0	23.50	23.62	25.82	25.94
		0	6#0	5#0	22.99	21.71	25.31	24.03
	26915/836.5	0	1#0	1#0	23.77	23.63	26.09	25.95
5MHz		0	6#0	5#0	23.15	21.77	25.47	24.09
	27015/846.5	0	1#5	1#5	23.70	23.55	26.02	25.87
		3	6#0	5#0	22.88	21.73	25.20	24.05
	00040/000	3	1#0	1#0	23.46	23.67	25.78	25.99
	26840/829	0	4#0	4#0	23.69	22.79	26.01	25.11
	00045/000 5	0	1#0	1#0	23.77	23.61	26.09	25.93
10MHz	26915/836.5	0	4#0	4#0	23.73	22.82	26.05	25.14
	00000/044	4	1#5	1#5	23.60	23.49	25.92	25.81
	26990/844	7	4#2	4#2	23.37	21.97	25.69	24.29
		3	1#0	1#0	23.80	23.71	26.12	26.03
	26865/831.5	0	6#0	5#0	23.67	23.76	25.99	26.08
	00045/000 5	0	1#0	1#0	23.80	23.69	26.12	26.01
15MHz	26915/836.5	0	6#0	5#0	23.63	23.79	25.95	26.11
	26065/044.5	8	1#5	1#5	23.62	23.54	25.94	25.86
	26965/841.5	11	6#0	5#0	23.61	23.73	25.93	26.05

### 6.2. Radiated Spurious Emission

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions below the noise floor will not be recorded in the report.

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.00	-46.98	1.70	8.70	Horizontal	-42.13	-13.00	29.13	315
3	2509.50	-45.25	2.30	12.00	Horizontal	-37.70	-13.00	24.70	23
4	3346.00	-56.26	2.70	12.70	Horizontal	-48.41	-13.00	35.41	186
5	4182.50	-47.72	3.00	12.50	Horizontal	-40.37	-13.00	27.37	31
6	5019.00	-59.41	3.40	12.50	Horizontal	-52.46	-13.00	39.46	90
7	5855.50	-53.25	3.40	12.80	Horizontal	-46.00	-13.00	33.00	26
8	6692.00	-55.33	4.10	11.50	Horizontal	-50.08	-13.00	37.08	3
9	7528.50	-55.20	4.20	12.20	Horizontal	-49.35	-13.00	36.35	86
10	8365.00	-53.84	4.30	12.50	Horizontal	-47.79	-13.00	34.79	190
Note: 1. The	Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.								
2. The	e worst emissior	was fou	nd in the	antenna	a is Horizontal p	position.			

LTE-M Band 5 1.4MHz CH-Middle

#### LTE-M Band 5 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	1668.60	-45.51	1.70	8.70	Horizontal	-40.66	-13.00	27.66	314	
3	2503.30	-44.37	2.30	12.00	Horizontal	-36.82	-13.00	23.82	79	
4	3337.50	-56.24	2.70	12.70	Horizontal	-48.39	-13.00	35.39	304	
5	4171.88	-51.19	3.00	12.50	Horizontal	-43.84	-13.00	30.84	279	
6	5006.25	-59.54	3.40	12.50	Horizontal	-52.59	-13.00	39.59	3	
7	5840.63	-59.85	3.40	12.80	Horizontal	-52.60	-13.00	39.60	90	
8	6675.00	-57.41	4.10	11.50	Horizontal	-52.16	-13.00	39.16	14	
9	7509.38	-54.67	4.20	12.20	Horizontal	-48.82	-13.00	35.82	90	
10	8343.75	-54.93	4.30	12.50	Horizontal	-48.88	-13.00	35.88	133	
	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.									

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)	
2	1664.40	-43.15	1.70	8.70	Horizontal	-38.30	-13.00	25.30	314	
3	2496.60	-52.78	2.30	12.00	Horizontal	-45.23	-13.00	32.23	7	
4	3326.00	-57.12	2.70	12.70	Horizontal	-49.27	-13.00	36.27	306	
5	4157.50	-52.14	3.00	12.50	Horizontal	-44.79	-13.00	31.79	90	
6	4989.00	-60.95	3.40	12.50	Horizontal	-54.00	-13.00	41.00	246	
7	5820.50	-60.48	3.40	12.80	Horizontal	-53.23	-13.00	40.23	17	
8	6652.00	-56.60	4.10	11.50	Horizontal	-51.35	-13.00	38.35	306	
9	7483.50	-54.80	4.20	12.20	Horizontal	-48.95	-13.00	35.95	90	
10	8315.00	-55.42	4.30	12.50	Horizontal	-49.37	-13.00	36.37	135	
	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-M Band 5 10MHz CH-Middle

#### LTE-M 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	1673.00	-45.84	1.70	8.70	Horizontal	-40.99	-13.00	27.99	204	
3	2509.50	-52.16	2.30	12.00	Horizontal	-44.61	-13.00	31.61	315	
4	3346.00	-55.87	2.70	12.70	Horizontal	-48.02	-13.00	35.02	306	
5	4182.50	-53.69	3.00	12.50	Horizontal	-46.34	-13.00	33.34	16	
6	5019.00	-58.98	3.40	12.50	Horizontal	-52.03	-13.00	39.03	187	
7	5855.50	-52.74	3.40	12.80	Horizontal	-45.49	-13.00	32.49	33	
8	6692.00	-55.48	4.10	11.50	Horizontal	-50.23	-13.00	37.23	48	
9	7528.50	-55.70	4.20	12.20	Horizontal	-49.85	-13.00	36.85	304	
10	8365.00	-55.20	4.30	12.50	Horizontal	-49.15	-13.00	36.15	86	
	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.									

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)	
2	1668.00	-51.36	1.70	8.70	Horizontal	-46.51	-13.00	33.51	0	
3	2502.00	-60.11	2.30	12.00	Horizontal	-52.56	-13.00	39.56	0	
4	3336.00	-54.93	2.70	12.70	Horizontal	-47.08	-13.00	34.08	30	
5	4170.00	-50.32	3.00	12.50	Horizontal	-42.97	-13.00	29.97	11	
6	5004.00	-59.55	3.40	12.50	Horizontal	-52.60	-13.00	39.60	184	
7	5838.00	-60.01	3.40	12.80	Horizontal	-52.76	-13.00	39.76	314	
8	6672.00	-56.81	4.10	11.50	Horizontal	-51.56	-13.00	38.56	96	
9	7506.00	-54.52	4.20	12.20	Horizontal	-48.67	-13.00	35.67	286	
10	8340.00	-55.11	4.30	12.50	Horizontal	-49.06	-13.00	36.06	3	
	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-M Band 26 5MHz CH-Middle

#### LTE-M Band 26 15MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)	
2	1658.00	-47.59	1.70	8.70	Horizontal	-42.74	-13.00	29.74	125	
3	2487.00	-51.58	2.30	12.00	Horizontal	-44.03	-13.00	31.03	69	
4	3316.00	-54.54	2.70	12.70	Horizontal	-46.69	-13.00	33.69	90	
5	4145.00	-51.78	3.00	12.50	Horizontal	-44.43	-13.00	31.43	6	
6	4974.00	-60.06	3.40	12.50	Horizontal	-53.11	-13.00	40.11	17	
7	5803.00	-60.54	3.40	12.80	Horizontal	-53.29	-13.00	40.29	48	
8	6632.00	-55.80	4.10	11.50	Horizontal	-50.55	-13.00	37.55	223	
9	7461.00	-54.48	4.20	12.20	Horizontal	-48.63	-13.00	35.63	96	
10	8290.00	-55.46	4.30	12.50	Horizontal	-49.41	-13.00	36.41	304	
	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	Туре	Serial Number	Calibration Date	Expiration Date
Signal Analyzer	R&S	FSV30	100815	2022-12-10	2023-12-09
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2023-04-16	2026-04-15
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	391	2022-09-29	2025-09-28
Horn Antenna	Schwarzbeck	BBHA 9120D	1594	2020-12-17	2023-12-16
Software	R&S	EMC32	10.35.10	/	/



# ANNEX A: The EUT Appearance

The EUT Appearance is submitted separately.



#### RF Test Report

### ANNEX B: Test Setup Photos

The Test Setup Photos is submitted separately.

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