FCC REPORT
(LTE)

Applicant:	Baicells Technologies Co., Ltd.
Address of Applicant:	9-10F, 1stBldg., No.81BeiqingRoad, Haidian District, Beijing, China

Equipment Under Test (EUT)

Product Name:	LTE Base Station
Model No.:	sBS71040
Trade mark:	Baicells
FCC ID:	2AG32SBS71040
Applicable standards:	FCC CFR Title 47 Part 2 FCC CFR Title 47 Part 27 Subpart M
Date of sample receipt:	17 Jun., 2021
Date of Test:	05 Jul., to 13 Sep., 2021
Date of report issued:	13 Sep., 2021
Test Result:	PASS*

*In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

Bruce Zhang
Laboratory Manager

2. Version

Version No.	Date	Description
00	*13 Sep., 2021*	*Original*

Tested by: Mike.ou ***Date:*** *13 Sep., 2021*

Test Engineer

Reviewed by: Winner Zhang ***Date:*** *13 Sep., 2021*

Project Engineer

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4. Test Summary

Test Items	Section in CFR 47	Result
RF Exposure (SAR)	Part 1.1307 Part 2.1093	(Please refer to FCC Exposure Evaluation Report)
RF Output Power	Part 27.50 (h)(1)	Pass
Peak-to-Average Ratio	Report only	Report only
99% & -26 dB Occupied Bandwidth	Part 2.1049 Part 27.53(m)	Pass
Out of band emission at antenna terminals	Part 2.1053 Part 27.53(m)	Pass
Field strength of spurious radiation	Part 27.53(m)	Pass
Frequency stability vs. temperature	Part 27.54 Part 2.1055(a)(1)(b)	Pass
Frequency stability vs. voltage	Part 27.54 Part 2.1055(d)(2)	Pass

Remark:

1. Pass: The EUT complies with the essential requirements in the standard.

2. Offset Ext Gain = ATT loss + Cable loss + Duty cycle correction

Test Method:	*ANSI/TIA-603-E-2016* *ANSI C63.26-2015* *KDB 662911 D01 Multiple Transmitter Output v02r01*

5. General Information

5.1 Client Information

Applicant:	Baicells Technologies Co., Ltd.
Address:	9-10F, 1stBldg., No.81BeiqingRoad, Haidian District, Beijing, China
Manufacturer:	Baicells Technologies Co., Ltd.
Address:	9-10F, 1stBldg., No.81BeiqingRoad, Haidian District, Beijing, China

5.2 General Description of E.U.T.

Product Name:	LTE Base Station
Model No.:	sBS71040
Operation Frequency range:	LTE Band 41: TX: 2496MHz-2690MHz RX: 2496 MHz-2690 MHz
Modulation type:	Uplink: QPSK, 16QAM, 64QAM, 256QAM
	Downlink: QPSK, 16QAM, 64QAM, 256QAM
Antenna type:	External Antenna
Antenna gain:	LTE Band 41: 18.0 dBi(declare by Applicant)
AC adapter:	Model: HEP-480-54 Input: AC100-240V 50/60Hz 5.5~2.2A Output: DC 54.0V⎓ 8.9A
Test Sample Condition:	The applicant provided engineering samples for staying in continuously transmitting for testing.

Operation Frequency List:

LTE Band 41 (10MHz)		LTE Band 41 (20MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
39700	2501.00	39750	2506.00
39701	2501.10	39751	2506.10
….	….	….	….
40619	2592.90	40619	2592.90
40620	2593.00	40620	2593.00
40621	2593.10	40621	2593.10
…	….	…	….
41539	2684.90	41489	2680.90
41540	2685.00	41490	2680.00

Regards to the operating frequency range, the lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channels as below:

LTE Band 41 (10MHz)			LTE Band 41 (20MHz)		
Channel		Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	39700	2501.0	Lowest channel	39750	2506.0
Middle channel	40620	2593.0	Middle channel	40620	2593.0
Highest channel	41540	2685.0	Highest channel	41490	2680.0

5.3 Test environment and mode

Operating Environment:	
Temperature:	Normal: 15℃ ~ 35℃, Extreme: -30℃ ~ +50℃
Humidity:	20 % ~ 75 % RH
Atmospheric Pressure:	1008 mbar
Voltage:	Nominal: 120Vac, Extreme: Low 102Vac, High 138Vac
Test mode:	
LTE QPSK mode	Keep the EUT communication with simulated station in QPSK mode
LTE 16-QAM mode	Keep the EUT communication with simulated station in 16-QAM mode
LTE 64-QAM mode	Keep the EUT communication with simulated station in 64-QAM mode
LTE 256-QAM mode	Keep the EUT communication with simulated station in 256-QAM mode
Remark: The EUT has been tested under continuous transmitting mode. Channel Low, Mid and High for each type band with rated data rate were chosen for full testing. The field strength of spurious radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2 mode) for these modes. Just the worst case position (H mode) shown in report.	

5.4 Description of Support Units

Test Equipment	Manufacturer	Model No.	Serial No.
LENOVO	Laptop	SL510	DoC

5.5 Measurement Uncertainty

Parameters	Expanded Uncertainty (Confidence of 95%)
Radiated Emission (9kHz ~ 30MHz) for 3m SAC	3.13 dB
Radiated Emission (30MHz ~ 1GHz) for 3m SAC	4.45 dB
Radiated Emission (1GHz ~ 18GHz) for 3m SAC	5.34 dB
Radiated Emission (18GHz ~ 40GHz) for 3m SAC	5.34 dB
Note: *The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.26-2015. All the measurement uncertainty value were shown with a coverage k=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.*	

5.6 Related Submittal(s) / Grant (s)

This is an original grant, no related submittals and grants.

5.7 Additions to, deviations, or exclusions from the method

No

5.8 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **FCC - Designation No.: CN1211**

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC (Federal Communications Commission). The test firm Registration No. is 727551.

- **ISED – CAB identifier.: CN0021**

The 3m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

- **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: https://portal.a2la.org/scopepdf/4346-01.pdf

5.9 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.
Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.
Tel: +86-755-23118282, Fax: +86-755-23116366
Email: info@ccis-cb.com, Website: http://www.ccis-cb.com

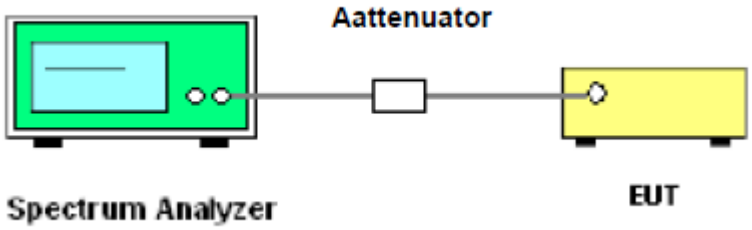
5.10 Test Instruments list

6 Radiated Emission:					
Test Equipment	**Manufacturer**	**Model No.**	**Management Number**	**Cal.Date (mm-dd-yy)**	**Cal. Due date (mm-dd-yy)**
3m SAC	ETS	9m*6m*6m	WXJ001-1	01-19-2021	01-18-2024
BiConiLog Antenna	SCHWARZBECK	VULB9163	WXJ002	03-03-2021	03-02-2022
Biconical Antenna	SCHWARZBECK	VUBA9117	WXJ002-1	06-20-2021	06-19-2022
Horn Antenna	SCHWARZBECK	BBHA9120D	WXJ002-2	03-03-2021	03-02-2022
Horn Antenna	SCHWARZBECK	BBHA9120D	WXJ002-3	06-18-2021	06-17-2022
Pre-amplifier	HP	8447D	WXG001-2	03-07-2021	03-06-2022
Pre-amplifier	SKET	LNPA_0118G-50	WXG001-3	03-07-2021	03-06-2022
EMI Test Receiver	Rohde & Schwarz	ESRP7	WXJ003-1	03-03-2021	03-02-2022
Spectrum analyzer	Rohde & Schwarz	FSP30	WXJ004	03-03-2021	03-02-2022
Signal Generator	Agilent	N5173B	WXJ006-7	03-25-2021	03-24-2022
RF Switch Unit	Tonscend	JS0806-F	WXJ089	N/A	
Test Software	Tonscend	TS+	Version: 3.0.0.1		

Conducted method:					
Test Equipment	**Manufacturer**	**Model No.**	**Management Number**	**Cal. Date (mm-dd-yy)**	**Cal. Due date (mm-dd-yy)**
Spectrum Analyzer	Keysight	N9020B	WXJ081-1	07-02-2021	07-01-2022
RF Control Unit	Tonscend	JS0806-1	WXG010-2	N/A	N/A
RF Control Unit	Tonscend	JS0806-1	WXG010-3	N/A	N/A
Band Reject Filter Group	Tonscend	JS0806-F	WXG010-4	N/A	N/A
Test Software	Tonscend	TS+	Version: 2.6.9.0526		

6. Test results

6.1 Conducted Output Power

Test Requirement:	Part 27.50 (h)(1)
Limit:	Main, booster and base stations. (i) The maximum EIRP of a main, booster or base station shall not exceed 33 dBW +10log(X/Y) dBW, where X is the actual channel width in MHz and Y is either 6 MHz if prior to transition or the station is in the MBS following transition or 5.5 MHz if the station is in the LBS and UBS following transition, except as provided in paragraph(h)(1)(ii) of this section.
Test Setup:	
Test Procedure:	For Maximum EIRP 1. Connect the transmitter to the spectrum analyzer via coaxial cable while ensuring proper impedance matching. 2. Set span to 2 × to 3 × the OBW. 3. Set RBW = 1% to 5% of the OBW. 4. Set VBW ≥ 3 × RBW. 5. Set number of measurement points in sweep ≥ 2 × span / RBW. 6. Sweep time: 1) Set = auto-couple, or 2) Set ≥ [10 × (number of points in sweep) × (transmission symbol period)] for single sweep (automation-compatible) measurement. 7. Detector = power averaging (rms). 8. Set sweep trigger to “free run.” 9. Trace average at least 100 traces in power averaging (rms) mode if sweep is set to auto-couple. To accurately determine the average power over the on and off time of the transmitter, it can be necessary to increase the number of traces to be averaged above 100, or if using a manually configured sweep time, increase the sweep time. 10. Compute power by integrating the spectrum across the OBW(10MHz) of the signal using the instrument’s band or channel power measurement function with band/channel limits set equal to the OBW(10MHz) band edges. 11. Add 10 log (1/duty cycle) to the measured power level to compute the average power during continuous transmission. 12. EIRP = PMeas + GT. P_{Meas} measured transmitter output power. G_T gain of the transmitting antenna.
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data:

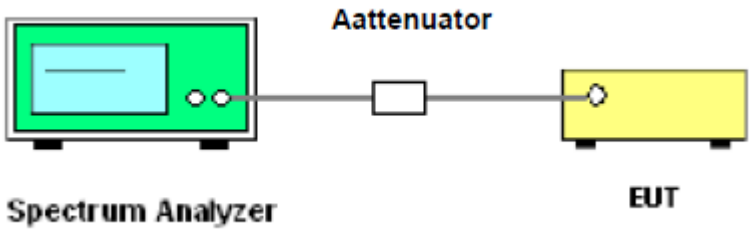
Band width	Modulation	Channel	ANT 0 Output Power (dBm)	ANT 1 Output Power (dBm)	ANT 2 Output Power (dBm)	ANT 3 Output Power (dBm)	Total Power (dBm)	Gain (dBi)	Eirp	Limit (dBm)	Verdict
10MHz	256QAM	39700	36.74	36.65	36.85	36.90	42.81	18.0	60.81	65.22	PASS
10MHz	256QAM	40620	37.33	37.07	36.84	36.94	43.07	18.0	61.07	65.22	PASS
10MHz	256QAM	41540	36.97	36.89	37.02	37.28	43.06	18.0	61.06	65.22	PASS
10MHz	QPSK	39700	36.78	36.97	36.39	36.40	42.66	18.0	60.66	65.22	PASS
10MHz	QPSK	40620	37.12	36.94	36.71	36.60	42.87	18.0	60.87	65.22	PASS
10MHz	QPSK	41540	36.39	36.69	36.48	36.51	42.54	18.0	60.54	65.22	PASS
20MHz	256QAM	39750	36.60	37.25	37.09	37.07	43.03	18.0	61.03	68.23	PASS
20MHz	256QAM	40620	37.08	37.21	36.75	36.85	43.00	18.0	61.00	68.23	PASS
20MHz	256QAM	41490	37.37	36.64	37.14	37.15	43.10	18.0	61.10	68.23	PASS
20MHz	QPSK	39750	36.71	36.99	36.28	36.20	42.58	18.0	60.58	68.23	PASS
20MHz	QPSK	40620	36.97	36.98	36.91	36.75	42.92	18.0	60.92	68.23	PASS
20MHz	QPSK	41490	36.80	37.01	36.30	36.88	42.78	18.0	60.78	68.23	PASS

Remark:
1. ANT 0, ANT 1, ANT 2, ANT 3 is 4*4MIMO
2. All transmit signals are completely uncorrelated with each other, Directional gain = GANT =18dBi

Band width	Modulation	Channel	ANT 4 Output Power (dBm)	ANT 5 Output Power (dBm)	ANT 6 Output Power (dBm)	ANT 7 Output Power (dBm)	Total Power (dBm)	Gain (dBi)	Eirp	Limit (dBm)	Verdict
10MHz	256QAM	39700	36.92	36.85	37.04	36.76	42.91	18.0	60.91	65.22	PASS
10MHz	256QAM	40620	37.03	36.98	37.23	37.06	43.10	18.0	61.10	65.22	PASS
10MHz	256QAM	41540	37.09	37.34	36.90	36.95	43.09	18.0	61.09	65.22	PASS
10MHz	QPSK	39700	36.64	36.71	36.77	36.61	42.70	18.0	60.70	65.22	PASS
10MHz	QPSK	40620	36.46	35.66	36.56	37.03	42.48	18.0	60.48	65.22	PASS
10MHz	QPSK	41540	36.58	37.12	36.71	36.65	42.79	18.0	60.79	65.22	PASS
20MHz	256QAM	39750	37.05	37.15	37.09	37.35	43.18	18.0	61.18	68.23	PASS
20MHz	256QAM	40620	36.93	37.56	36.93	37.55	43.27	18.0	61.27	68.23	PASS
20MHz	256QAM	41490	37.10	37.01	37.16	37.17	43.13	18.0	61.13	68.23	PASS
20MHz	QPSK	39750	36.77	36.41	36.56	37.18	42.76	18.0	60.76	68.23	PASS
20MHz	QPSK	40620	36.81	37.08	36.93	37.00	42.98	18.0	60.98	68.23	PASS
20MHz	QPSK	41490	36.85	36.97	36.76	37.07	42.93	18.0	60.93	68.23	PASS

Remark:
1. ANT 4, ANT 5, ANT 6, ANT 7 is 4*4MIMO
2. All transmit signals are completely uncorrelated with each other, Directional gain = GANT =18dBi

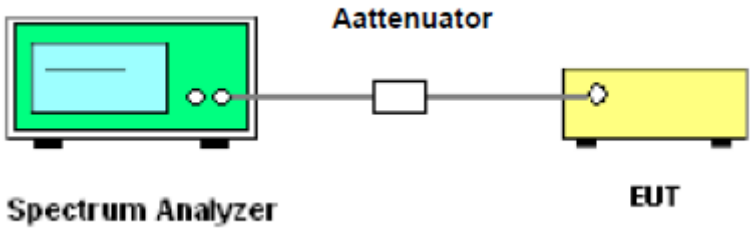
6.2 Peak-to-Average Ratio

Test Requirement:	Report only
Limit:	N/A
Test Setup:	
Test Procedure:	1 The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. 2 Set the CCDF option in spectrum analyzer, RBW ≥ OBW, 3 Set the EUT working in highest power level, measured and recorded the 0.1% as PAPR level. 4 Repeat step 1~3 at other frequency and modulations.
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data:

Refer to Appendix A - Antenna0~3, Appendix B - Antenna4~7

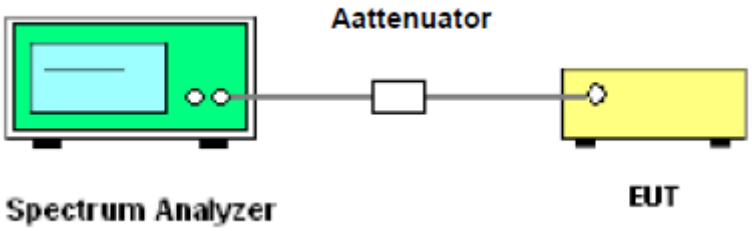
6.3 Occupy Bandwidth

Test Requirement:	Part 27.53(m)
Test Setup:	
Test Procedure:	1. The EUT's output RF connector was connected with a short cable to the spectrum analyzer 2. RBW was set to about 1% ~ 5% of emission BW, VBW= 3 times RBW. 3. -26dBc display line was placed on the screen (or 99% bandwidth), the occupied bandwidth is the delta frequency between the two points where the display line intersects the signal trace.
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data:

Refer to Appendix A - Antenna0~3, Appendix B - Antenna4~7

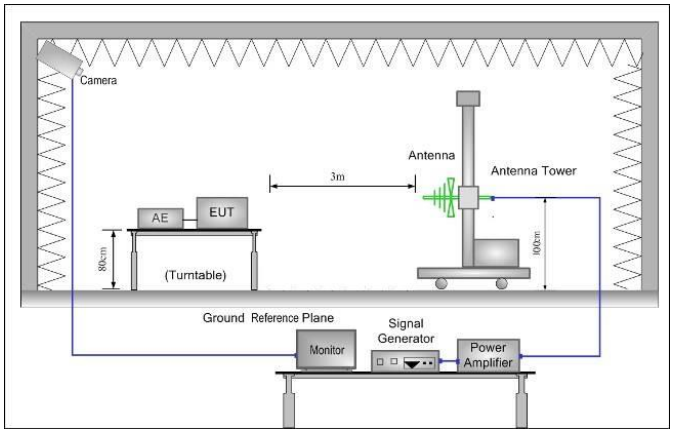
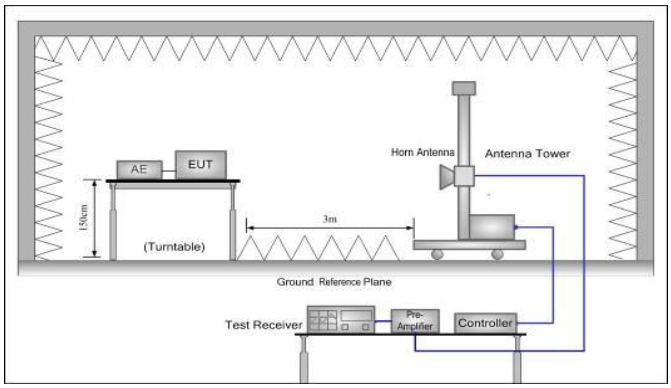
6.4 Out of band emission at antenna terminals

Test Requirement:	Part 27.53(m)(2)
Limit:	LTE Band 41: For all fixed digital user stations, the attenuation factor shall be not less than 43 + 10 log (P) dB at the channel edge.
Test Setup:	
Test Procedure:	1 The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. 2 For the out of band: for Band 41 set the RBW=1 MHz, VBW=3 MHz Start=30MHz, Stop= 10th harmonic. 3 Band Edge Requirements: In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to measure the out of band Emissions.
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Remark:	Pre-scan all modulation type (QPSK, 16-QAM, 64-QAM, 256-QAM), and found the QPKS was the worst case. so only the worst case test data.)

Measurement Data:

Refer to Appendix A - Antenna0~3, Appendix B - Antenna4~7

6.5 Field strength of spurious radiation measurement

Test Requirement:	Part 27.53(m)(2)
Limit:	LTE Band 41: For all fixed digital user stations, the attenuation factor shall be not less than 43 + 10 log (P) dB at the channel edge.
Test setup:	Below 1GHz  Above 1GHz 
Test Procedure:	1. The EUT was placed on the top of a rotating table 0.8m(below 1GHz)/1.5m(above 1GHz) above the ground at a 3 meter camber. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. 2. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations. 3. The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method. 4. The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency. ERP / EIRP = S.G. output (dBm) + Antenna Gain(dB/dBi) – Cable Loss (dB)
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details.
Test results:	Passed
Remark:	Pre-scan all modulation type (QPSK, 16-QAM, 64-QAM, 256-QAM), and found the QPKS was the worst case. so only the worst case test data.)

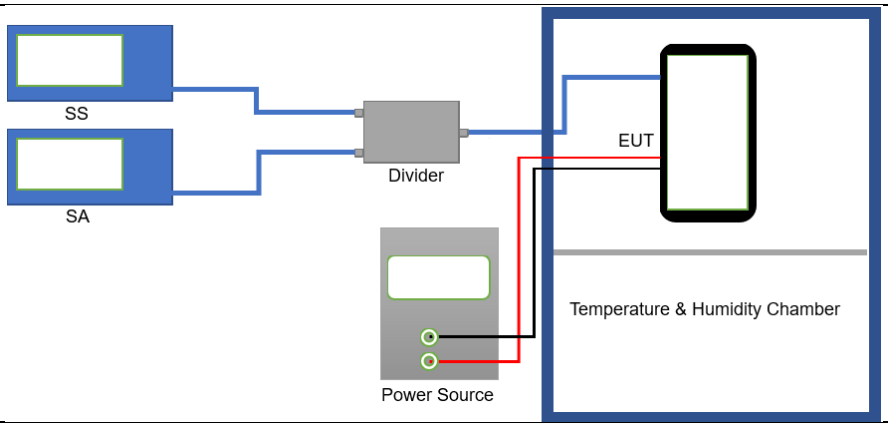
Measurement Data:

LTE Band 41 part:

Band 41 (10MHz)						
Lowest channel						
Frequency (MHz)	Spurous Emission level (dBm)	Factor (dB)	Level at antenna terminals (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
5002.00	-48.48	4.56	-43.92	-13.00	30.92	Vertical
7503.00	-49.87	13.14	-36.73	-13.00	23.73	Vertical
10004.00	-49.96	16.89	-33.07	-13.00	20.07	Vertical
5002.00	-48.39	4.56	-43.83	-13.00	30.83	Horizontal
7503.00	-48.81	13.14	-35.67	-13.00	22.67	Horizontal
10004.00	-50.27	16.89	-33.38	-13.00	20.38	Horizontal
Middle channel						
Frequency (MHz)	Spurous Emission level (dBm)	Factor (dB)	Level at antenna terminals (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
5186.00	-48.84	4.76	-44.08	-13.00	31.08	Vertical
7779.00	-50.04	13.48	-36.56	-13.00	23.56	Vertical
10372.00	-49.95	18.00	-31.95	-13.00	18.95	Vertical
5186.00	-48.48	4.76	-43.72	-13.00	30.72	Horizontal
7779.00	-49.10	13.48	-35.62	-13.00	22.62	Horizontal
10372.00	-49.96	18.00	-31.96	-13.00	18.96	Horizontal
Highest channel						
Frequency (MHz)	Spurous Emission level (dBm)	Factor (dB)	Level at antenna terminals (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
5370.00	-48.06	5.50	-42.56	-13.00	29.56	Vertical
8055.00	-49.69	13.31	-36.38	-13.00	23.38	Vertical
10740.00	-50.19	19.50	-30.69	-13.00	17.69	Vertical
5370.00	-48.10	5.50	-42.60	-13.00	29.60	Horizontal
8055.00	-49.07	13.31	-35.76	-13.00	22.76	Horizontal
10740.00	-50.29	19.50	-30.79	-13.00	17.79	Horizontal
Remark: *The emission levels of below 1 GHz are lower than the limit 20dB and not show in test report.*						

Band 41 (20MHz)						
Lowest channel						
Frequency (MHz)	Spurous Emission level (dBm)	Factor (dB)	Level at antenna terminals (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
5012.00	-48.26	4.56	-43.70	-13.00	30.70	Vertical
7518.00	-50.01	13.29	-36.72	-13.00	23.72	Vertical
10024.00	-49.50	16.93	-32.57	-13.00	19.57	Vertical
5012.00	-48.21	4.56	-43.65	-13.00	30.65	Horizontal
7518.00	-48.53	13.29	-35.24	-13.00	22.24	Horizontal
10024.00	-50.49	16.93	-33.56	-13.00	20.56	Horizontal
Middle channel						
Frequency (MHz)	Spurous Emission level (dBm)	Factor (dB)	Level at antenna terminals (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
5186.00	-48.60	4.76	-43.84	-13.00	30.84	Vertical
7779.00	-49.86	13.48	-36.38	-13.00	23.38	Vertical
10372.00	-49.89	18.00	-31.89	-13.00	18.89	Vertical
5186.00	-48.07	4.76	-43.31	-13.00	30.31	Horizontal
7779.00	-48.72	13.48	-35.24	-13.00	22.24	Horizontal
10372.00	-50.15	18.00	-32.15	-13.00	19.15	Horizontal
Highest channel						
Frequency (MHz)	Spurous Emission level (dBm)	Factor (dB)	Level at antenna terminals (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
5360.00	-48.21	5.41	-42.80	-13.00	29.80	Vertical
8040.00	-50.11	13.33	-36.78	-13.00	23.78	Vertical
10720.00	-50.50	19.67	-30.83	-13.00	17.83	Vertical
5360.00	-48.49	5.41	-43.08	-13.00	30.08	Horizontal
8040.00	-49.21	13.33	-35.88	-13.00	22.88	Horizontal
10720.00	-50.37	19.67	-30.70	-13.00	17.70	Horizontal
Remark: *The emission levels of below 1 GHz are lower than the limit 20dB and not show in test report.*						

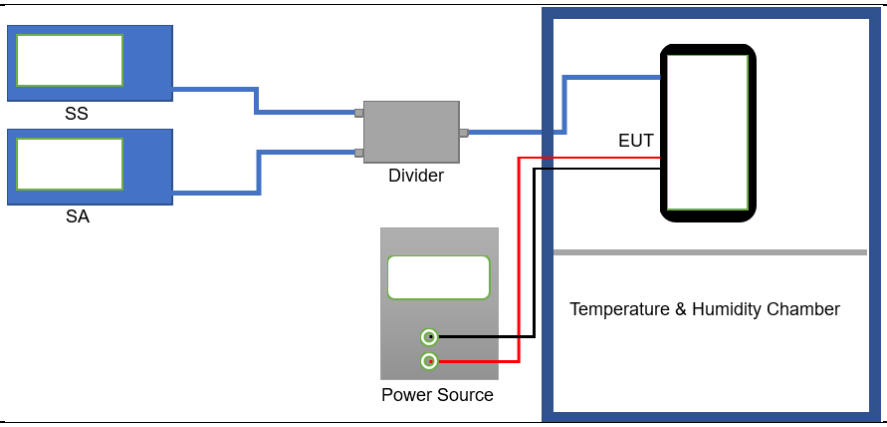
6.6 Frequency stability V.S. Temperature measurement

Test Requirement:	Part 27.54, Part 2.1055(a)(1)(b)
Limit:	Within authorized band for Band 41
Test setup:	
Test procedure:	1. The equipment under test was connected to an external DC power supply and input rated voltage. 2. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. 3. The EUT was placed inside the temperature chamber. 4. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25℃ operating frequency as reference frequency. 5. Turn EUT off and set the chamber temperature to –30℃. After the temperature stabilized for approximately 30 minutes recorded the frequency. 6. Repeat step measure with 10℃ increased per stage until the highest temperature of +50℃ reached
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data:

Refer to Appendix A - Antenna0~3, Appendix B - Antenna4~7

6.7 Frequency stability V.S. Voltage measurement

Test Requirement:	Part 27.54, Part 2.1055(d)(2)
Limit:	Within authorized band for Band 41
Test setup:	
Test procedure:	1. Set chamber temperature to 25℃. Use a variable AC power source to power the EUT and set the voltage to rated voltage. 2. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency. 3. Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint, record the maximum frequency change.
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data:

Refer to Appendix A - Antenna0~3, Appendix B - Antenna4~7