RF MEASUREMENT REPORT

FCC ID:	2APJ4-SLM156
Application:	MeiG Smart Technology Co., Ltd
Product:	CAT-M Module
Model No.:	SLM156
Brand Name:	MEIGLink
FCC Rule Part(s):	Part 90 Subpart S
Test Procedure(s):	ANSI C63.26: 2015
Result:	Complies
Test Date:	2022-05-23 ~ 2022-11-02

Reviewed By: Vincent Yu

Approved By: Robin Wu

The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.26-2015. Test results reported herein relate only to the item(s) tested.

Revision History

Report No.	Version	Description	Issue Date	Note
2205RSU044-U6	Rev. 01	Initial Report	2023-04-17	Valid

CONTENTS

1. General Information

1.1. Applicant

MeiG Smart Technology Co., Ltd

2nd Floor, Office Building, No.5 Lingxia Road, Fenghuang, Fuyong Street, Bao 'an District, Shenzhen, China

1.2. Manufacturer

MeiG Smart Technology Co., Ltd

2nd Floor, Office Building, No.5 Lingxia Road, Fenghuang, Fuyong Street, Bao 'an District, Shenzhen, China

1.3. Testing Facility

<table>
<tr><td>☒</td><td colspan="5">Test Site – MRT Suzhou Laboratory</td></tr>
<tr><td></td><td colspan="5">Laboratory Location (Suzhou - Wuzhong)
D8 Building, No.2 Tian’edang Rd., Wuzhong Economic Development Zone, Suzhou, China
Laboratory Location (Suzhou - SIP)
4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China</td></tr>
<tr><td></td><td colspan="5">Laboratory Accreditations</td></tr>
<tr><td></td><td colspan="5">A2LA: 3628.01 CNAS: L10551
FCC: CN1166 ISED: CN0001
VCCI: ☐R-20025 ☐G-20034 ☐C-20020 ☐T-20020
☐R-20141 ☐G-20134 ☐C-20103 ☐T-20104</td></tr>
<tr><td>☐</td><td colspan="5">Test Site – MRT Shenzhen Laboratory</td></tr>
<tr><td></td><td colspan="5">Laboratory Location (Shenzhen)
1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China</td></tr>
<tr><td></td><td colspan="5">Laboratory Accreditations</td></tr>
<tr><td></td><td colspan="5">A2LA: 3628.02 CNAS: L10551
FCC: CN1284 ISED: CN0105</td></tr>
<tr><td>☐</td><td colspan="5">Test Site – MRT Taiwan Laboratory</td></tr>
<tr><td></td><td colspan="5">Laboratory Location (Taiwan)
No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)</td></tr>
<tr><td></td><td colspan="5">Laboratory Accreditations</td></tr>
<tr><td></td><td colspan="5">TAF: L3261-190725
FCC: 291082, TW3261 ISED: TW3261</td></tr>
</table>

1.4. Product Information

Product Name	CAT-M Module
Model No.	SLM156
IMEI	Conducted Measurement: 868510050004513 Radiated Measurement: 868510050007318
Operating Temperature	-35 ~ 75 °C
Hardware Version	SLM156_V1.01_PCB
Software Version	SLM156_5.0.12_EQ100
Power Type	3.3 ~ 4.2Vdc, typical 3.8Vdc
GSM Specification	
Band	GSM850, PCS1900
Modulation	GMSK, 8PSK
E-UTRA Specification	
Single Band	Cat M Band 2, 4, 5, 12, 13, 14, 25, 26, 66 NB-IoT Band 2, 4, 5, 12, 13, 25, 26, 66, 71
Modulation	Cat M: Uplink up to 16QAM, Downlink up to 16QAM NB-IoT: Uplink BPSK, QPSK; Downlink QPSK
Remark: The information of EUT was provided by the manufacturer, and the accuracy of the information shall be the responsibility of the manufacturer.	

1.5. Radio Specification

FDD T_X Frequency Range	NB-IoT: Band 26: 814 ~ 824 MHz
FDD R_X Frequency Range	NB-IoT: Band 26: 859 ~ 869 MHz

Note 1: For other features of this EUT, test report will be issued separately.

Note 2: The band need move channels from band edge.

Note 3: The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1.6. Description of Available Antennas

Technology	Frequency Range (MHz)	Antenna Type	Max Peak Gain (dBi)
Band 2	1850 ~ 1910	PCB Antenna	0.78
Band 4	1710 ~ 1755		-0.10
Band 5	824 ~ 849		0.44
Band 12	699 ~ 716		1.72
Band 13	777 ~ 787		1.59
Band 14	788 ~ 798		0.66
Band 25	1850 ~ 1915		0.71
Band 26	814 ~ 849		0.49
Band 66	1710 ~ 1780		-0.10
Band 71	663 ~ 698		-2.38

Note: All antenna information (Antenna type and Peak Gain) is provided by the manufacturer.

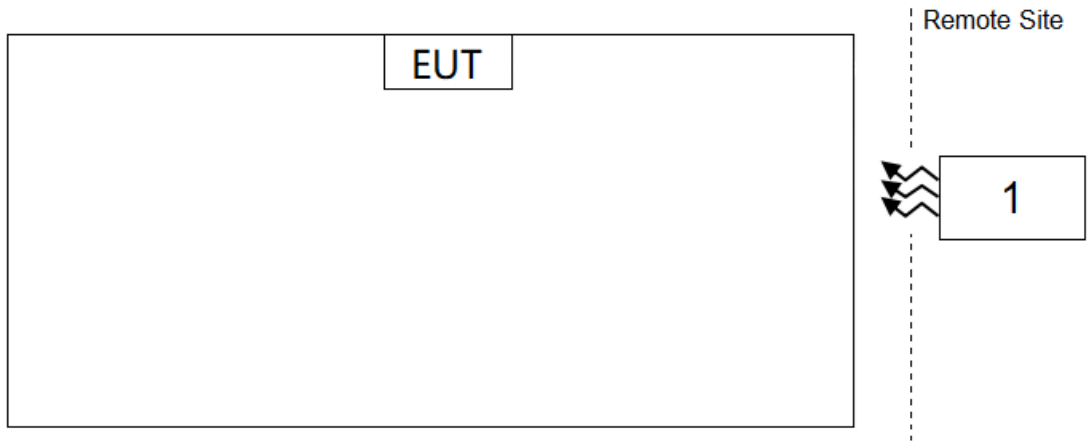
1.7. Test Methodology

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

- ANSI C63.26:2015
- FCC CFR 47 Part 90
- FCC KDB 971168 D01 v03r01: Power Meas License Digital Systems
- FCC KDB 971168 D02 v02r01: Misc Rev Approv License Devices
- FCC KDB 412172 D01 v01r01: Determining ERP and EIRP

2. Test Configuration

2.1. Test System Connection Diagram



Product		Manufacturer	Model No.
1	Radio Communication Analyzer	Anritsu	8821C

2.2. Test Environment Condition

Ambient Temperature	15 ~ 35°C
Relative Humidity	20% ~ 75%RH

3. Measuring Instrument

Instrument	Manufacturer	Model No.	Asset No.	Last Cali. Date	Cali. Due Date	Test Site
TRILOG Antenna	Schwarzbeck	VULB 9162	MRTSUE06022	1 year	2023-05-20	WZ-AC2
EMI Test Receiver	Agilent	N9038A	MRTSUE06125	1 year	2022-06-24	WZ-AC2
				1 year	2023-06-04	
Thermohygrometer	Mingle	ETH529	MRTSUE06170	1 year	2022-12-01	WZ-AC2
Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06171	1 year	2022-10-21	WZ-AC2
				1 year	2023-10-13	
Preamplifier	Schwarzbeck	BBV 9718	MRTSUE06176	1 year	2022-11-12	WZ-AC2
Anechoic Chamber	RIKEN	WZ-AC2	MRTSUE06213	1 year	2023-04-21	WZ-AC2
Thermohygrometer	testo	608-H1	MRTSUE11038	1 year	2022-11-11	WZ-AC2
Thermohygrometer	testo	608-H1	MRTSUE06362	1 year	2023-02-15	WZ-SR6
Shielding Room	HUAMING	WZ-SR6	MRTSUE06443	N/A	N/A	WZ-SR6
Signal Analyzer	Keysight	N9020B	MRTSUE06583	1 year	2022-10-10	WZ-SR6/WZ-TR3
				1 year	2023-10-08	
Radio Communication Analyzer	Anritsu	MT8821C	MRTSUE06960	1 year	2022-07-01	WZ-SR6/WZ-TR3
				1 year	2023-07-08	
Temperature Chamber	BAOYT	BYH-150CL	MRTSUE06051	1 year	2022-10-10	WZ-SR6/WZ-TR3
				1 year	2023-10-08	
Vibration Test System	DongLing	ES-1-150	MRTSUE06206	1 year	2022-08-08	WZ-SR6/WZ-TR3
				1 year	2023-07-07	
Thermohygrometer	testo	608-H1	MRTSUE06401	1 year	2022-06-28	WZ-SR6/WZ-TR3
				1 year	2023-06-06	
Directional Coupler	Agilent	778D	MRTSUE06083	1 year	2023-03-17	WZ-SR6/WZ-TR3
Directional Coupler	narda	4226-10	MRTSUE06562	1 year	2022-10-28	WZ-SR6/WZ-TR3
				1 year	2023-10-27	
Attenuator	MVE	MVE2213	MRTSUE11087	1 year	2022-06-10	WZ-SR6/WZ-TR3
				1 year	2023-06-09	
Attenuator	MVE	MVE2213	MRTSUE11088	1 year	2022-06-10	WZ-SR6/WZ-TR3
				1 year	2023-06-09	

Software	Version	Function
EMI V3	V3.0.0	EMI Test Software
Controller_MF 7802	2.03C	RE Antenna & Turntable

4. Decision Rules and Measurement Uncertainty

4.1. Decision Rules

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4: 2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

4.2. Measurement Uncertainty

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Radiated Spurious Emissions
Measurement Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): Horizontal: 9kHz ~ 300MHz: 5.04dB 300MHz ~ 1GHz: 4.95dB 1GHz ~ 40GHz: 6.40dB Vertical: 9kHz ~ 300MHz: 5.24dB 300MHz ~ 1GHz: 6.03dB 1GHz ~ 40GHz: 6.40dB
Conducted Spurious Emissions
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 0.78dB
Output Power
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 1.13dB
Occupied Bandwidth
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 0.28%
Frequency Stability
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 76.2Hz

5. Test Result

5.1. Summary

FCC Part Section(s)	Test Description	Test Limit	Test Condition	Test Result	Reference
2.1049	Occupied Bandwidth	N/A	Conducted	Pass	Section 5.2
2.1055, 90.213	Frequency Stability	< 2.5 ppm		Pass	Section 5.3
90.635	Conducted Output Power	< 100W		Pass	Section 5.4
2.1051, 90.691(a)	Band Edge	< 50 + 10log10 (P[Watts]) within 37.5kHz of Block Edge		Pass	Section 5.5, 5.6
2.1051, 90.691(a)	Spurious Emission	< 43 + 10log10 (P[Watts])			
2.1053, 90.691(a)	Spurious Emissions	< 43 + 10log10 (P[Watts])	Radiated	Pass	Section 5.7

Notes:

1) The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.
2) All supported modulation types were evaluated. The worst-case emission of modulation was selected. Therefore, the Frequency Stability, Channel Band Edge, Radiated & Conducted Spurious Emission were presented worst-case in the test report.

5.2. Occupied Bandwidth Measurement

5.2.1.Test Limit

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured.

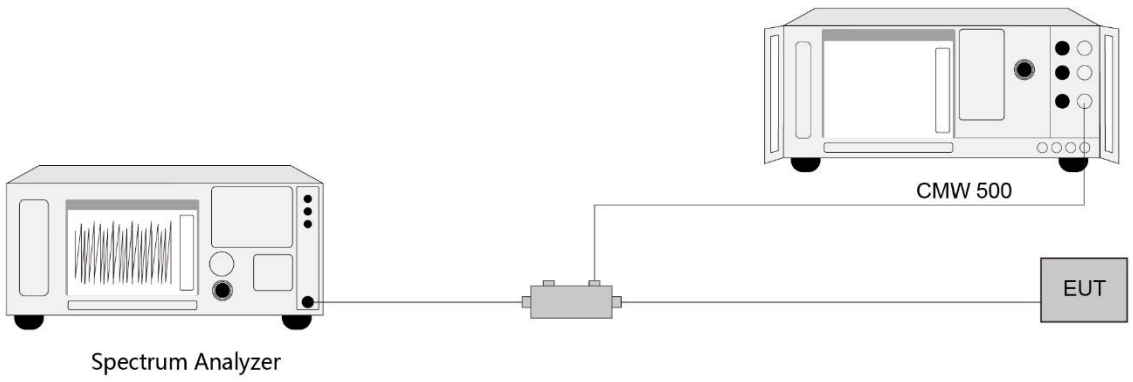
5.2.2.Test Procedure

ANSI C63.26-2015 - Section 5.4

5.2.3.Test Setting

1. Set center frequency to the nominal EUT channel center frequency
2. RBW = The nominal RBW shall be in the range of 1% to 5% of the anticipated OBW
3. VBW ≥ 3 × RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. Allow the trace to stabilize
8. Use the 99% power bandwidth function of the instrument and report the measured bandwidth.

5.2.4.Test Setup



5.2.5.Test Result

Refer to Appendix A.1.

5.3. Frequency Stability Measurement

5.3.1.Test Limit

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5ppm) of the center frequency.

5.3.2.Test Procedure

ANSI C63.26-2015 - Section 5.6

5.3.3.Test Setting

Frequency Stability Under Temperature Variations:

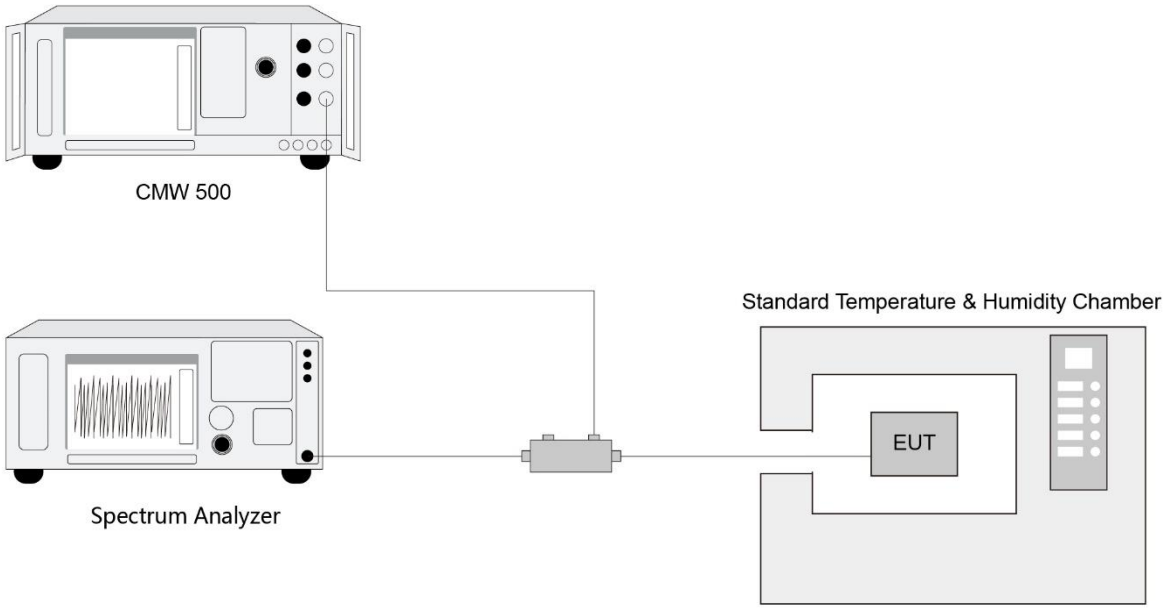
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (±15%) and endpoint, recordthe maximum frequency change.

5.3.4.Test Setup



5.3.5.Test Result

Refer to Appendix A.2.

5.4. Conducted Output Power Measurement

5.4.1.Test Limit

The maximum output power of the transmitter for mobile stations is 100 watts (20dBw).

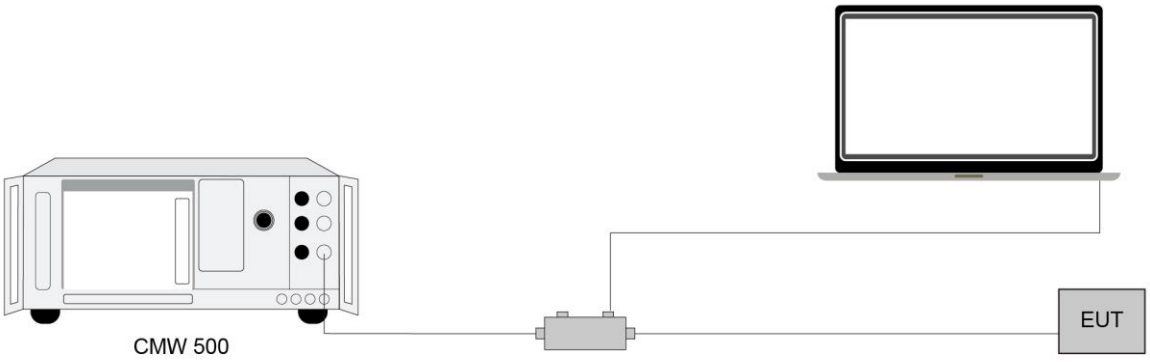
5.4.2.Test Procedure

ANSI C63.26-2015 - Section 5.2

5.4.3.Test Setting

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.

5.4.4.Test Setup



5.4.5.Test Result

Refer to Appendix A.3.

5.5. Band Edge Measurement

5.5.1.Test Limit

Out-of-band emission requirement shall apply only to the “outer” channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log(f/6.1) decibels or 50 + 10 Log(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

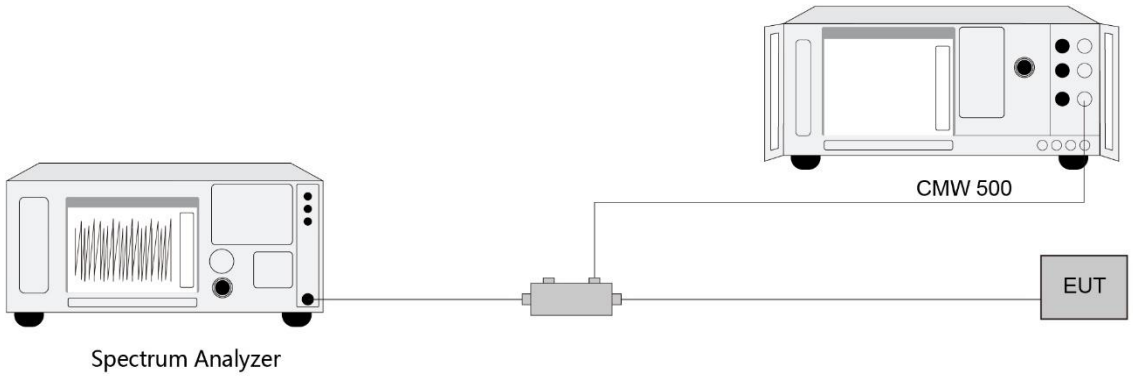
5.5.2.Test Procedure

ANSI C63.26-2015 - Section 5.7

5.5.3.Test Setting

1. Set the analyzer frequency to low or high channel
2. RBW ≥ The nominal RBW shall be in the range of 1% of the anticipated OBW (in the 1MHz band immediately outside and adjacent to the band edge). For improvement of the accuracy in the measurement of the average power of a noise-like emission, a RBW narrower than the specified reference bandwidth can be used (generally limited to no less than 1% of the OBW), provided that a subsequent integration is performed over the full required measurement bandwidth. This integration should be performed using the spectrum analyzer's band power functions.
3. VBW ≥ 3*RBW
4. Sweep time = auto
5. Detector = power averaging (rms)
6. Set sweep trigger to "free run."
7. User gate triggered such that the analyzer only sweeps when the device is transmitting at full power
8. 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.

5.5.4.Test Setup



5.5.5.Test Result

Refer to Appendix A.4.

5.6. Conducted Spurious Emissions Measurement

5.6.1.Test Limit

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst-case configuration. All modes of operation were investigated, and the worst-case configuration results are reported in this section.

For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

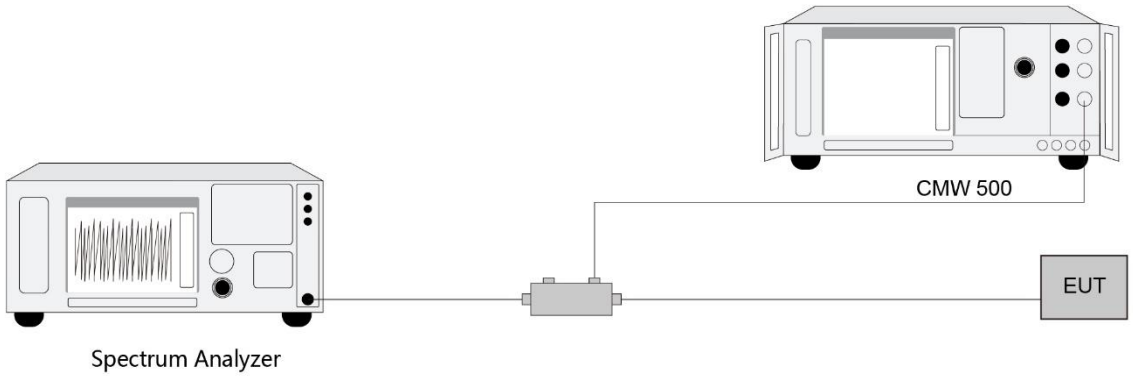
5.6.2.Test Procedure

ANSI C63.26-2015 - Section 5.7

5.6.3.Test Setting

1. Set the analyzer frequency to low, mid, high channel.
2. RBW = 1MHz
3. VBW ≥ 3*RBW
4. Sweep time = auto
5. Detector = power averaging (rms)
6. Set sweep trigger to “free run.”
7. User gate triggered such that the analyzer only sweeps when the device is transmitting at full power.
8. 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.

5.6.4.Test Setup



5.6.5.Test Result

Refer to Appendix A.5.

5.7. Radiated Spurious Emissions Measurement

5.7.1.Test Limit

Out of band emissions: The powerof any emission outside of theauthorized operating frequency ranges must be attenuated below the transmitting power (P) by a factorof at least 43 + 10 log(P) dB. The emission limit equal to -13dBm.

E (dBμV/m) = EIRP (dBm) - 20 log D + 104.8; where D is the measurement distance in meters. The emission limit equal to 82.3dBμV/m.

5.7.2.Test Procedure

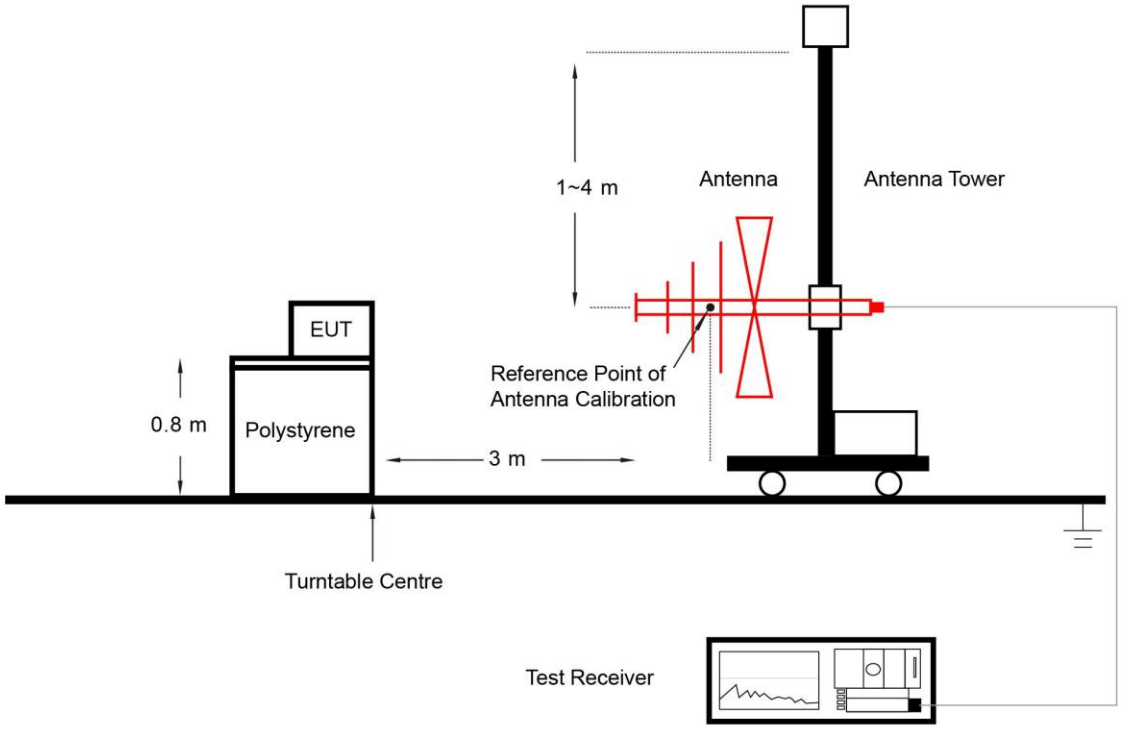
ANSI C63.26-2015 - Section 5.2.7 & 5.5

5.7.3.Test Setting

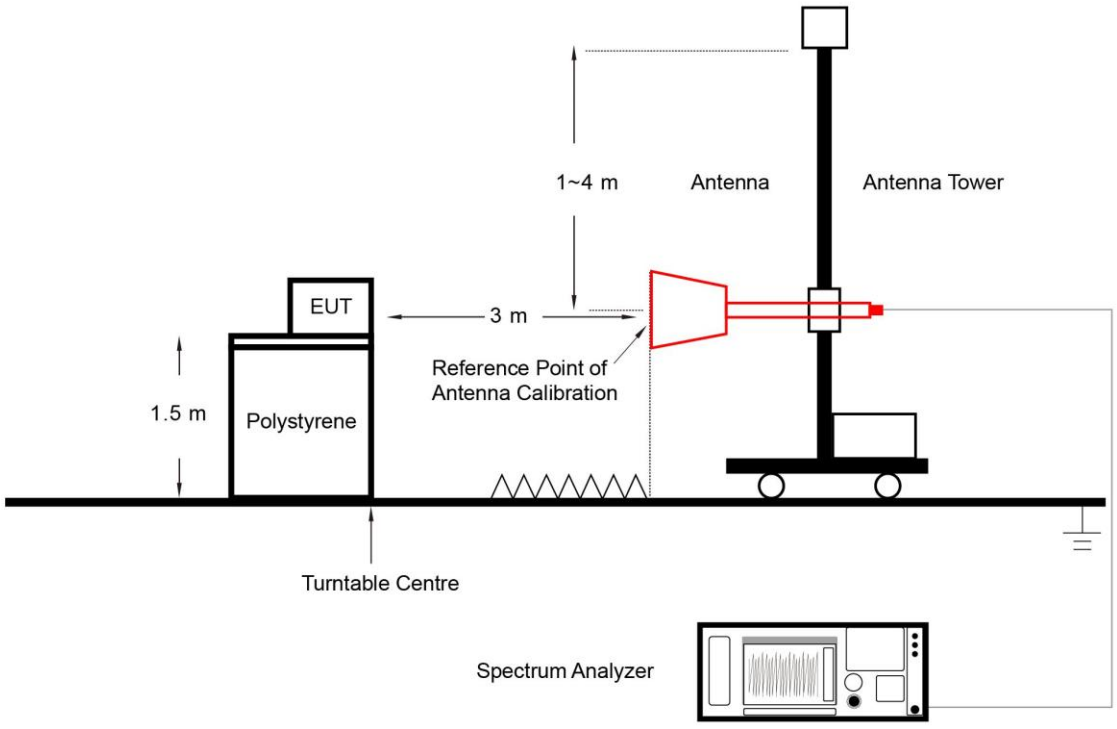
1. RBW = 1MHz
2. VBW ≥ 3*RBW
3. Sweep time ≥ 10 × (number of points in sweep) × (transmission symbol period)
4. Detector = Peak
5. Trace mode = max hold
6. The trace was allowed to stabilize

5.7.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



5.7.5.Test Result

Refer to Appendix A.6.

Appendix A - Test Result

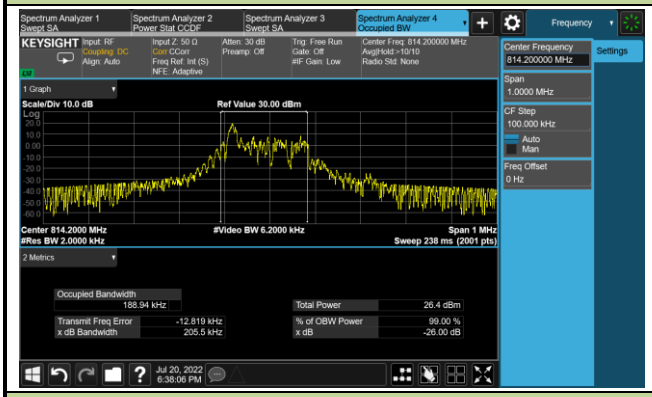
A.1 Occupied Bandwidth Test Result

Test Site	WZ-SR6	Test Engineer	Cloud Guo
Test Date	2022/07/20	Test Band	Band 26

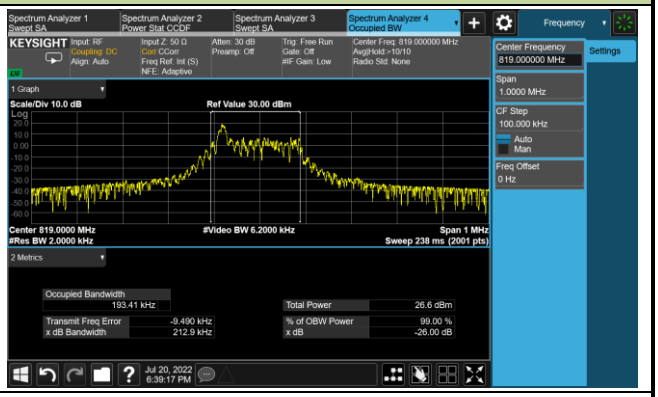
Channel	Frequency (MHz)	Modulation	Sub-carrier spacing (kHz)	N_{tones}	99% Bandwidth (kHz)
26692	814.2	QPSK	15	12@0	188.94
26740	819.0				193.41
26788	823.8				195.69

99% Bandwidth - QPSK

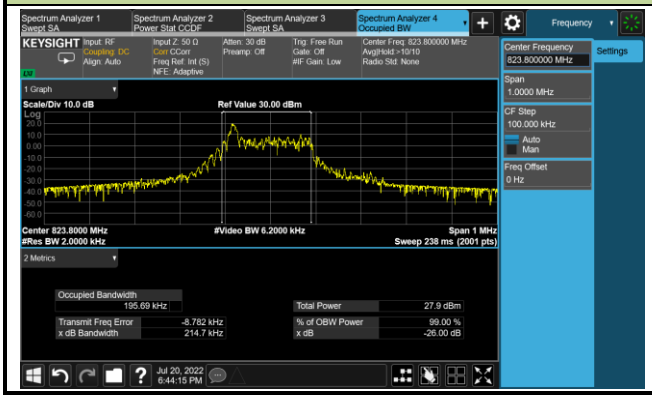
814.2MHz



819.0MHz



823.8MHz



A.2 Frequency Stability Test Result

Test Site	WZ-TR3	Test Engineer	Cloud Guo
Test Date	2022/07/20~2022/07/24	Test Band	Band 26

Power (Vdc)	Temp. (°C)	Frequency Tolerance (ppm)
3.8	- 30	-0.0151
	- 20	-0.0055
	- 10	0.0040
	0	0.0044
	+ 10	0.0040
	+ 20 (Ref)	-0.0070
	+ 30	-0.0077
	+ 40	-0.0101
	+ 50	-0.0096
4.2	+ 20	-0.0090
3.3	+ 20	-0.0092

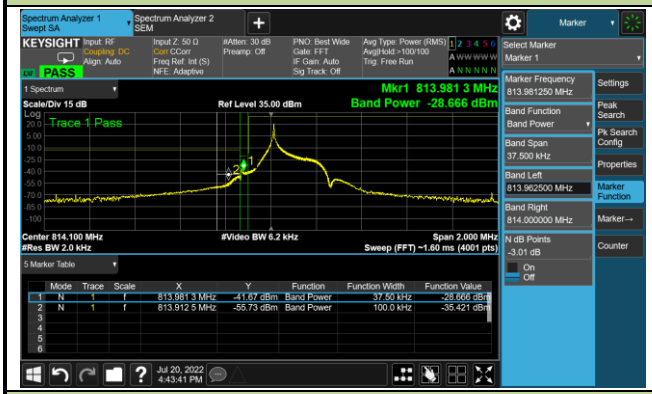
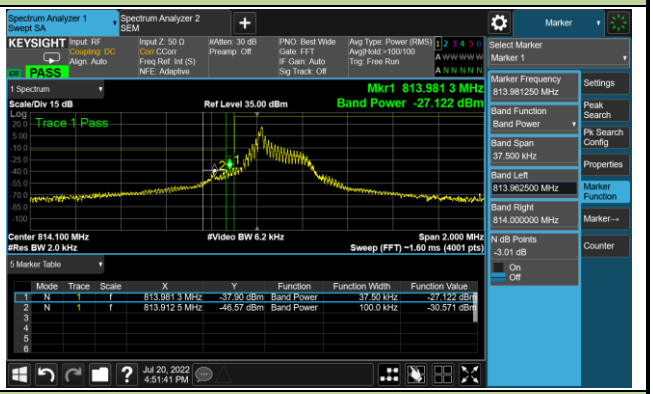
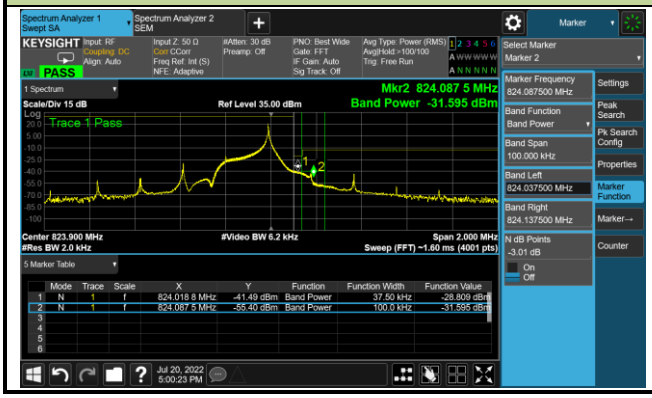
A.3 Conducted Output Power Test Result

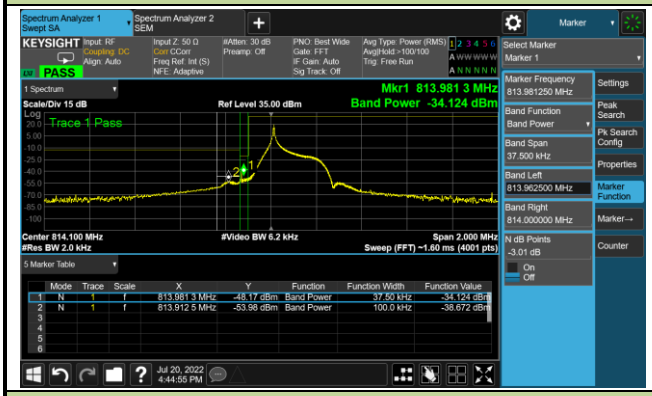
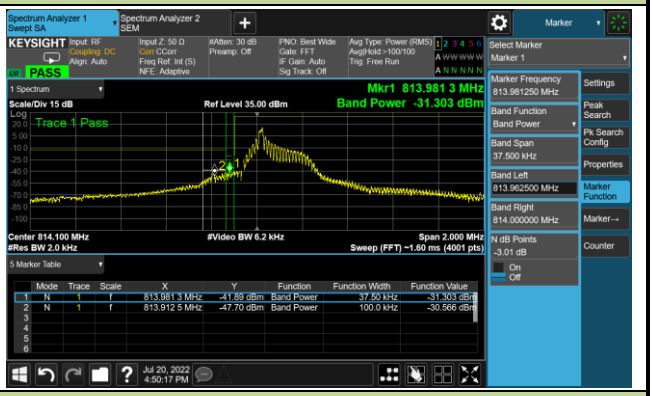
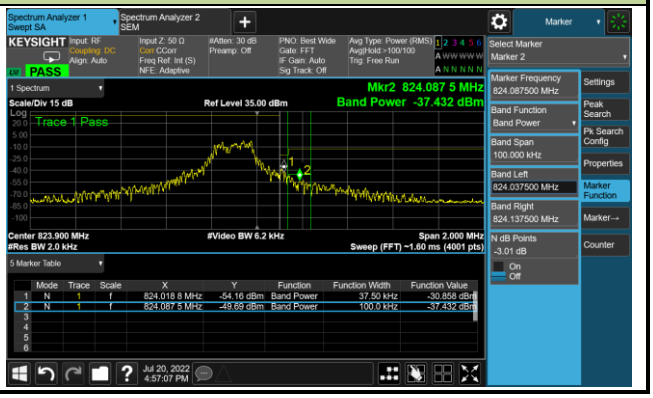
Test Site	WZ-SR6	Test Engineer	Cloud Guo
Test Date	2022/07/22	Test Band	Band 26

Channel No.	Frequency (MHz)	Sub-carrier spacing (kHz)	N_{tones}	Output Power (dBm)	Output Power (W)	Limit (W)
BPSK						
26692	814.2	3.75	1@0	21.53	0.1422	< 100
26740	819.0			21.57	0.1435	< 100
26788	823.8			21.62	0.1452	< 100
26692	814.2		1@47	21.46	0.1400	< 100
26740	819.0			21.49	0.1409	< 100
26788	823.8			21.56	0.1432	< 100
26692	814.2	15	1@0	21.65	0.1462	< 100
26740	819.0			22.01	0.1589	< 100
26788	823.8			21.70	0.1479	< 100
26692	814.2		1@11	21.65	0.1462	< 100
26740	819.0			21.98	0.1578	< 100
26788	823.8			21.69	0.1476	< 100
QPSK						
26692	814.2	3.75	1@0	21.54	0.1426	< 100
26740	819.0			21.58	0.1439	< 100
26788	823.8			21.63	0.1455	< 100
26692	814.2		1@47	21.45	0.1396	< 100
26740	819.0			21.50	0.1413	< 100
26788	823.8			21.54	0.1426	< 100
26692	814.2	15	1@0	21.70	0.1479	< 100
26740	819.0			22.04	0.1600	< 100
26788	823.8			21.70	0.1479	< 100
26692	814.2		1@11	21.62	0.1452	< 100
26740	819.0			21.99	0.1581	< 100
26788	823.8			21.63	0.1455	< 100
26692	814.2		12@0	18.52	0.0711	< 100
26740	819.0			19.03	0.0800	< 100
26788	823.8			18.54	0.0714	< 100

A.4 Band Edge Test Result

Test Site	WZ-SR6	Test Engineer	Cloud Guo
Test Date	2022/07/20	Test Band	Band 26

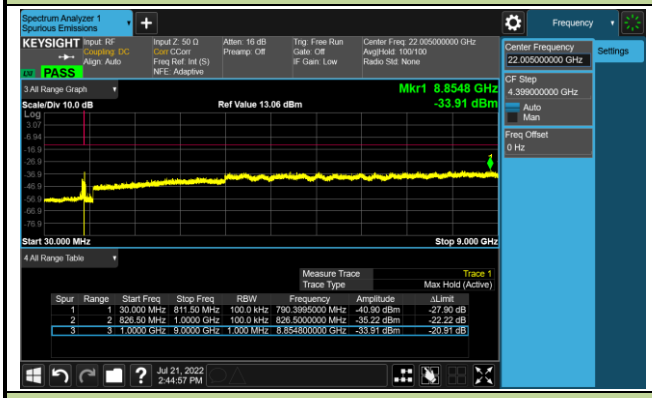
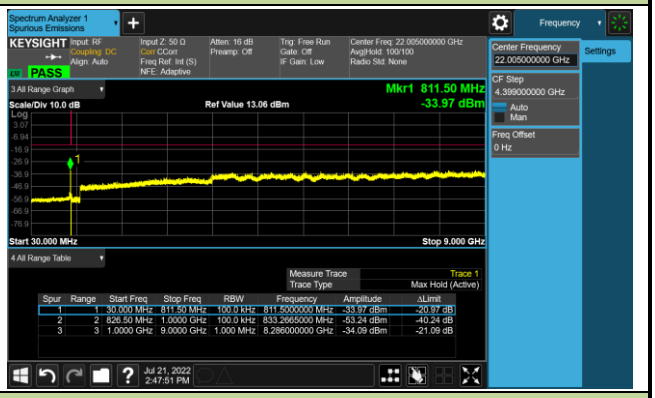
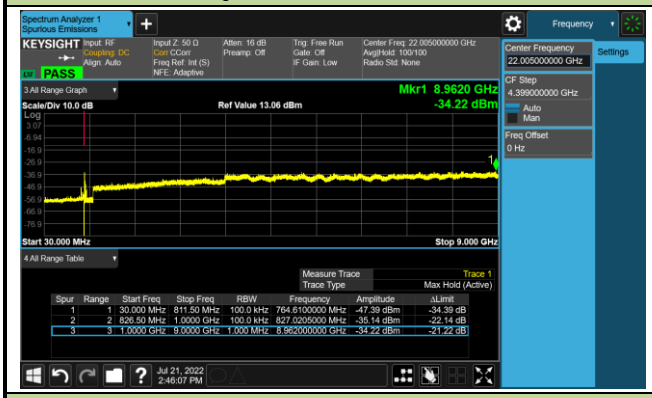
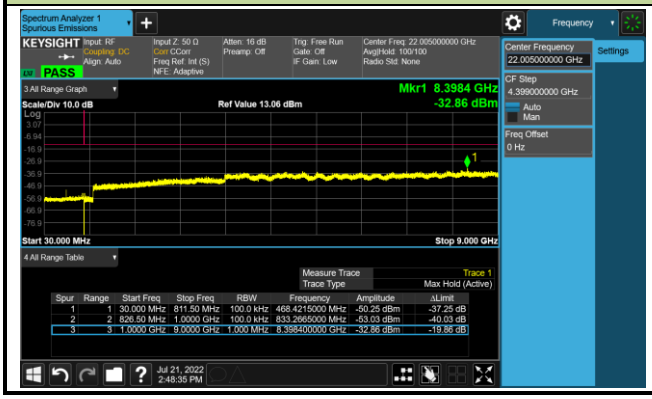
BPSK	
3.75kHz 1@0 CH-Low	15kHz 1@0 CH-Low
	
3.75kHz 1@47 CH-High	15kHz 1@11 CH-High
	

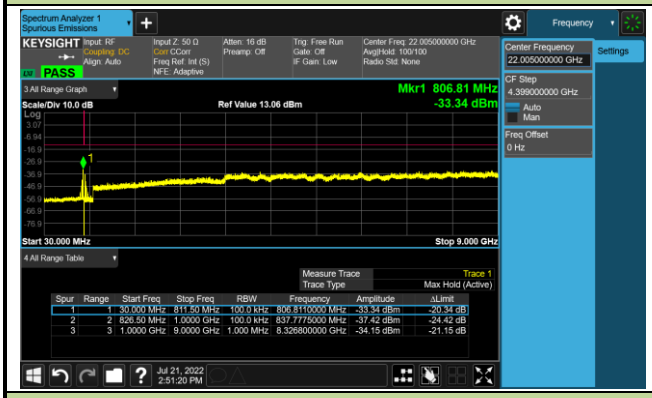
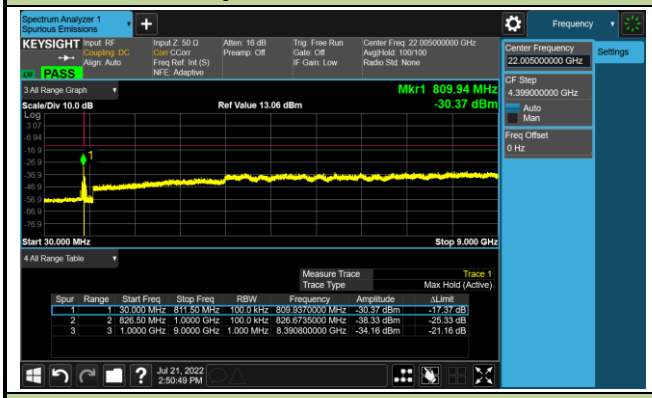
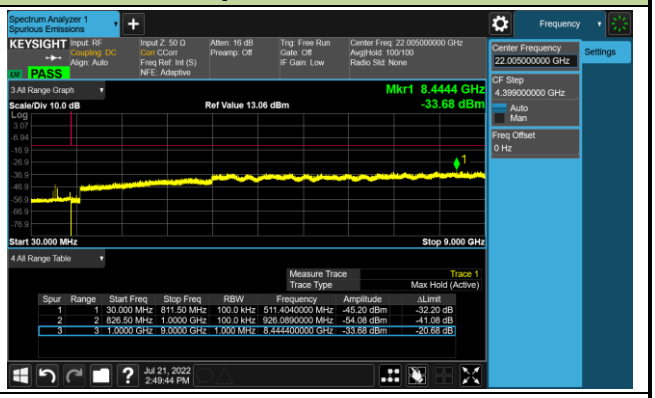
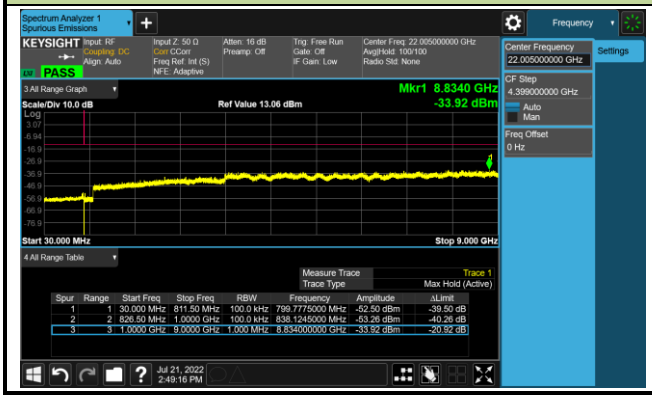
QPSK	
3.75kHz 1@0 CH-Low	15kHz 1@0 CH-Low
	
15 kHz 12@0 CH-Low	3.75kHz 1@47 CH-High
	
15kHz 1@11 CH-High	15kHz 12@0 CH-High
	

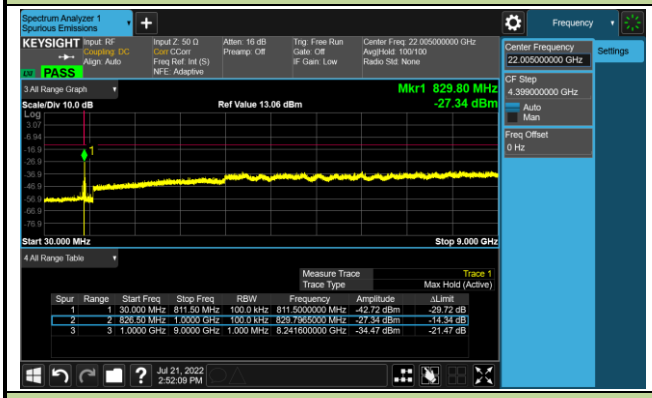
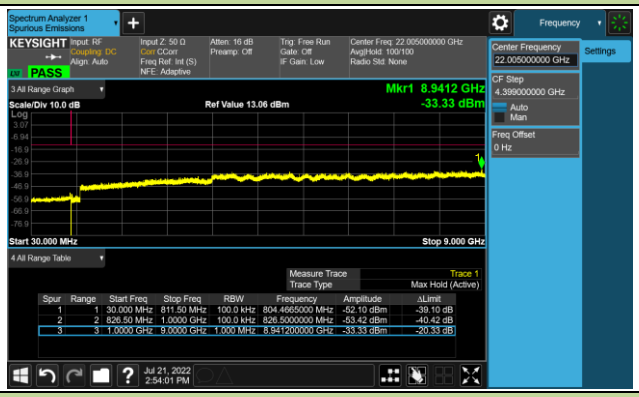
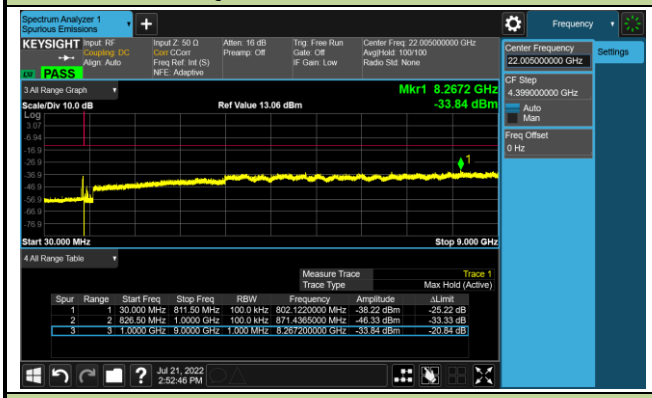
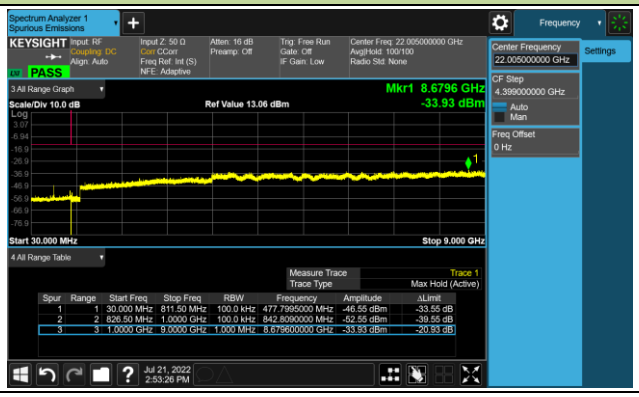
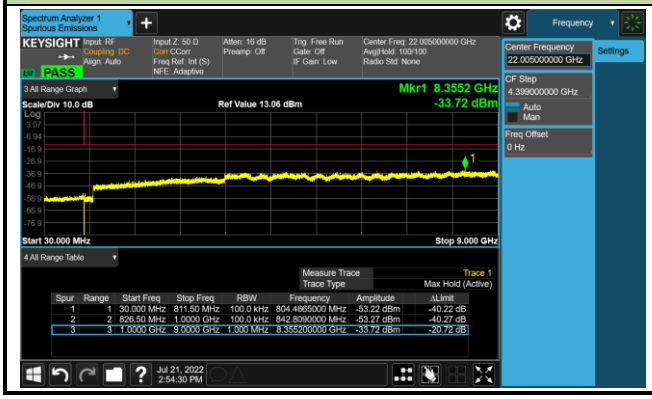
A.5 Conducted Spurious Emissions Test Result

Test Site	WZ-SR6	Test Engineer	Cloud Guo
Test Date	2022/07/21	Test Band	Band 26

Channel	Frequency (MHz)	Sub-carrier spacing (kHz)	N_{tones}	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
BPSK							
26692	814.2	3.75	1@0	30 ~ 9000	-33.91	≤ -13.00	Pass
26740	819.0	15	1@0	30 ~ 9000	-33.97	≤ -13.00	Pass
26788	823.8	3.75	1@0	30 ~ 9000	-33.34	≤ -13.00	Pass
26692	814.2	15	1@0	30 ~ 9000	-33.91	≤ -13.00	Pass
26740	819.0	3.75	1@47	30 ~ 9000	-27.34	≤ -13.00	Pass
26788	823.8	15	1@11	30 ~ 9000	-33.33	≤ -13.00	Pass
QPSK							
26692	814.2	3.75	1@0	30 ~ 9000	-34.22	≤ -13.00	Pass
26740	819.0	15	1@0	30 ~ 9000	-33.91	≤ -13.00	Pass
26788	823.8	15	12@0	30 ~ 9000	-32.86	≤ -13.00	Pass
26692	814.2	3.75	1@0	30 ~ 9000	-30.37	≤ -13.00	Pass
26740	819.0	15	1@0	30 ~ 9000	-33.68	≤ -13.00	Pass
26788	823.8	15	12@0	30 ~ 9000	-33.92	≤ -13.00	Pass
26692	814.2	3.75	1@47	30 ~ 9000	-33.84	≤ -13.00	Pass
26740	819.0	15	1@11	30 ~ 9000	-33.93	≤ -13.00	Pass
26788	823.8	15	12@0	30 ~ 9000	-33.72	≤ -13.00	Pass

Channel 26692 (814.2 MHz)	
BPSK 3.75kHz 1@0	BPSK 15kHz 1@0
	
QPSK 3.75kHz 1@0	QPSK 15kHz 1@0
	
QPSK 15kHz 12@0	
	

Channel 26740 (819.0 MHz)	
BPSK 3.75kHz 1@0	BPSK 15kHz 1@0
	
QPSK 3.75kHz 1@0	QPSK 15kHz 1@0
	
QPSK 15kHz 12@0	
	

Channel 26788 (823.8 MHz)	
BPSK 3.75kHz 1@47	BPSK 15kHz 1@11
	
QPSK 3.75kHz 1@47	QPSK 15kHz 1@11
	
QPSK 15kHz 12@0	
	

A.6 Radiated Suprious Emissions Test Result

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022/07/23~2022/07/27	Test Band	Band 26

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level(dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
51.3	19.7	18.5	38.2	82.3	-44.1	Peak	Horizontal
968.0	22.6	30.6	53.2	82.3	-29.1	Peak	Horizontal
52.8	20.1	18.4	38.5	82.3	-43.8	Peak	Vertical
927.7	21.8	30.2	52.0	82.3	-30.3	Peak	Vertical
7094.5	32.4	10.9	43.3	82.3	-39.0	Peak	Horizontal
10579.5	33.2	15.6	48.8	82.3	-33.5	Peak	Horizontal
8004.0	32.9	11.9	44.8	82.3	-37.5	Peak	Vertical
10911.0	32.5	17.2	49.7	82.3	-32.6	Peak	Vertical
Middle Channel							
61.0	20.0	17.7	37.7	82.3	-44.6	Peak	Horizontal
936.0	22.2	30.2	52.4	82.3	-29.9	Peak	Horizontal
54.3	19.7	18.4	38.1	82.3	-44.2	Peak	Vertical
974.8	23.4	30.6	54.0	82.3	-28.3	Peak	Vertical
5148.0	34.5	4.2	38.7	82.3	-43.6	Peak	Horizontal
10979.0	31.3	17.1	48.4	82.3	-33.9	Peak	Horizontal
7026.5	32.9	10.4	43.3	82.3	-39.0	Peak	Vertical
10979.0	32.2	17.1	49.3	82.3	-33.0	Peak	Vertical
High Channel							
322.9	21.4	19.3	40.7	82.3	-41.6	Peak	Horizontal
988.8	22.8	30.8	53.6	82.3	-28.7	Peak	Horizontal
461.2	22.3	22.8	45.1	82.3	-37.2	Peak	Vertical
948.6	22.4	30.3	52.7	82.3	-29.6	Peak	Vertical
7018.0	33.6	10.3	43.9	82.3	-38.4	Peak	Horizontal
10401.0	33.4	15.7	49.1	82.3	-33.2	Peak	Horizontal
8097.5	33.7	11.9	45.6	82.3	-36.7	Peak	Vertical
11642.0	31.0	17.8	48.8	82.3	-33.5	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB).							

Appendix B - Test Setup Photograph

Refer to “2205RSU044-UT” file.

Appendix C - EUT Photograph

Refer to “2205RSU044-UE” file.

The End