

FCC Test Report

Report No. : 1812C40204712503

Applicant : Hangzhou 2&2 Techology Co.,Ltd

Block B, Kechuang Building, No.958 Dayuan

Address : Road, Qingshanhu Street, linan Zone,

Hangzhou, Zhejiang, China

Product Name : NIJIHUB

Report Date : Jan. 08, 2025

Shenzhen Anbotek Compliance Laboratory Limited



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400-003-0500



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TEST REPORT

Applicant : Hangzhou 2&2 Techology Co.,Ltd

Manufacturer : Hangzhou 2&2 Techology Co.,Ltd

Product Name : NIJIHUB

Model No. : SGDM3001

Trade Mark : N/A

Rating(s) : Input: 5V=1A

47 CFR Part 15.247

Test Standard(s) : ANSI C63.10-2020

KDB 558074 D01 15.247 Meas Guidance v05r02

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with above listed standard(s) requirements. This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Receipt:	Apr. 24, 2024	
Date of Test:	Apr. 24, 2024 to May 09, 2024	
Prepared By:	Haidi Huang	
	(Haidi Huang)	_
Approved & Authorized Signer:	(ingkung jim	
	(KingKong Jin)	



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Revision History

Report Version	Description	Issued Date	
R00	Original Issue.	May 10, 2024	
R01	Reference Note 1	Jan. 08, 2025	

Note 1:

As specified by the client, all the results in this report were quoted from report 18220WC30083602.



1. General Information

1.1. Client Information

Applicant	:	Hangzhou 2&2 Techology Co.,Ltd
Address	Block B, Kechuang Building, No.958 Dayuan Road, Qingshanhu Street, linan Zone, Hangzhou, Zhejiang, China	
Manufacturer	:	Hangzhou 2&2 Techology Co.,Ltd
Address : Block B, Kechuang Building, No.958 Dayuan Road, Qingshanhu S linan Zone, Hangzhou, Zhejiang, China		Block B, Kechuang Building, No.958 Dayuan Road, Qingshanhu Street, linan Zone, Hangzhou, Zhejiang, China
Factory	:	Hangzhou 2&2 Techology Co.,Ltd
Address : Block B, Kechuang Building, No.958 Dayuan Road, Qingsh linan Zone, Hangzhou, Zhejiang, China		Block B, Kechuang Building, No.958 Dayuan Road, Qingshanhu Street, linan Zone, Hangzhou, Zhejiang, China

1.2. Description of Device (EUT)

Product Name	:	NIJIHUB		
Model No.	:	SGDM3001		
Trade Mark	:	N/A		
Test Power Supply	:	AC 120V/60Hz for Adapter		
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)		
Adapter	:	N/A		
RF Specification				
Operation Frequency	:	2405MHz to 2480MHz		
Number of Channel	:	16		
Modulation Type	:	O-QPSK		
Antenna Type		PCB Antenna		
Antenna Gain(Peak)	:	1dBi		

Remark:

- (1) All of the RF specification are provided by customer.
- (2) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.



1.3. Auxiliary Equipment Used During Test

Title Manufacturer		Model No.	Serial No.	
Xiaomi 33W adapter	Xiaomi	MDY-11-EX	SA62212LA04358J	

1.4. Operation channel list

Operation Band:

<u> </u>							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
11	2405	15	2425	18	2445	23	2465
12	2410	16	2430	20	2450	24	2470
13	2415	17	2435	21	2455	25	2475
14	2420	18	2440	22	2460	26	2480

1.5. Description of Test Modes

Pretest Modes	Descriptions
TM1	Keep the EUT works in continuously transmitting mode with O-QPSK modulation.

1.6. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB
Occupied Bandwidth	925Hz
Conducted Output Power	0.76dB
Power Spectral Density	0.76dB
Conducted Spurious Emission	1.24dB
Radiated spurious emissions (above 1GHz)	1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB
Radiated emissions (Below 30MHz)	3.53dB
Radiated spurious emissions (30MHz~1GHz)	Horizontal: 3.92dB; Vertical: 4.52dB

The measurement uncertainty and decision risk evaluated according to AB/WI-RF-F-032. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.





1.7. Test Summary

Test Items	Test Modes	Status
Antenna requirement	1	Р
Conducted Emission at AC power line	Mode1	Р
Occupied Bandwidth	Mode1	Р
Maximum Conducted Output Power	Mode1	Р
Power Spectral Density	Mode1	Р
Emissions in non-restricted frequency bands	Mode1	Р
Band edge emissions (Radiated)	Mode1	Р
Emissions in frequency bands (below 1GHz)	Mode1	Р
Emissions in frequency bands (above 1GHz)	Mode1	Р
Note:	,	•

P: Pass

N: N/A, not applicable



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FCC ID: 2BKXP-SGDM3001

1.8. Description of Test Facility

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

FCC-Registration No.:434132

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 434132.

ISED-Registration No.: 8058A

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.

Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.

1.9. Disclaimer

- The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- 2. The test report is invalid if there is any evidence and/or falsification.
- 3. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- 4. This document may not be altered or revised in any way unless done so by Anbotek and all revisions are duly noted in the revisions section.
- 5. Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- 6. The authenticity of the information provided by the customer is the responsibility of the customer and the laboratory is not responsible for its authenticity.

The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.





1.10. Test Equipment List

Conducted Emission at AC power line							
Item	Cal.Due Date						
1	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2024-01-18	2025-01-17	
2	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2024-01-17	2025-01-16	
3	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	1	1	
4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2023-10-12	2024-10-11	

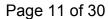
Maximum Conducted Output Power
Power Spectral Density
Emissions in non-restricted frequency bands
Occupied Bandwidth

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Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	N/A	2023-10-16	2024-10-15
2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
3	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
4	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2024-02-22	2025-02-21
5	Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11
6	MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2024-02-04	2025-02-03

	Band edge emissions (Radiated) Emissions in frequency bands (above 1GHz)						
		Last Cal.	Cal.Due Date				
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22	
2	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16	
3	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15	
4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	1	1	
5	Horn Antenna	A-INFO	LB-180400- KF	J2110606 28	2023-10-12	2024-10-11	
6	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25	
7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24	









Emis	Emissions in frequency bands (below 1GHz)						
Item Equipment Manufacturer Model No. Serial No. Last Cal					Last Cal.	Cal.Due Date	
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22	
2	Pre-amplifier	SONOMA	310N	186860	2024-01-17	2025-01-16	
3	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22	
4	Loop Antenna (9K-30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11	
5	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	1	/	



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2. Antenna requirement

	Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party
Test Requirement:	shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

2.1. Conclusion

The antenna is a PCB antenna which permanently attached, and the best case gain of the antenna is 1dBi. It complies with the standard requirement.

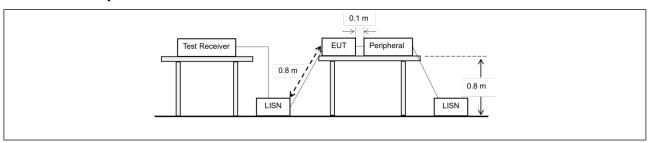
3. Conducted Emission at AC power line

Test Requirement:	Refer to 47 CFR 15.207(a), Except as shown in paragraphs (b)and (c)of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN).					
	Frequency of emission (MHz)	Conducted limit (dBµV)				
		Quasi-peak	Average			
T (1.1.1.1)	0.15-0.5	66 to 56*	56 to 46*			
Test Limit:	0.5-5	56	46			
	5-30	60	50			
	*Decreases with the logarithm of the frequency.					
Test Method:	ANSI C63.10-2020 section 6.2					
Procedure:	Refer to ANSI C63.10-2020 section 6.2, standard test method for ac power-line conducted emissions from unlicensed wireless devices					

3.1. EUT Operation

Operating Environment:				
Test mode:	1: TX mode: Keep the EUT works in continuously transmitting mode with O-QPSK modulation.			

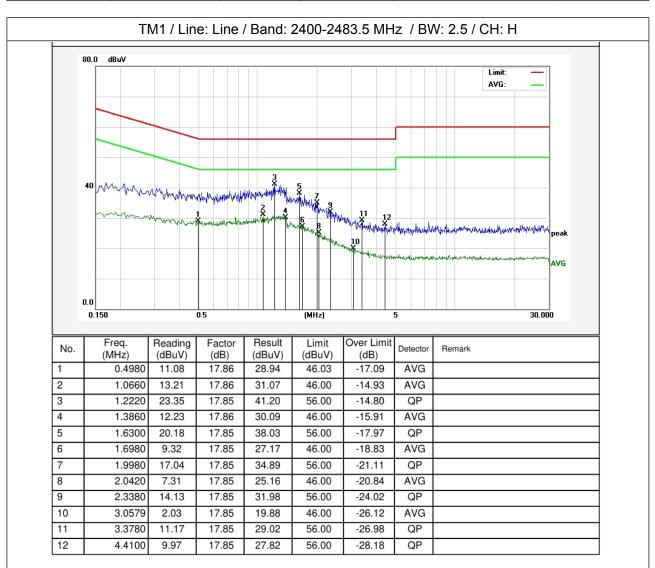
3.2. Test Setup





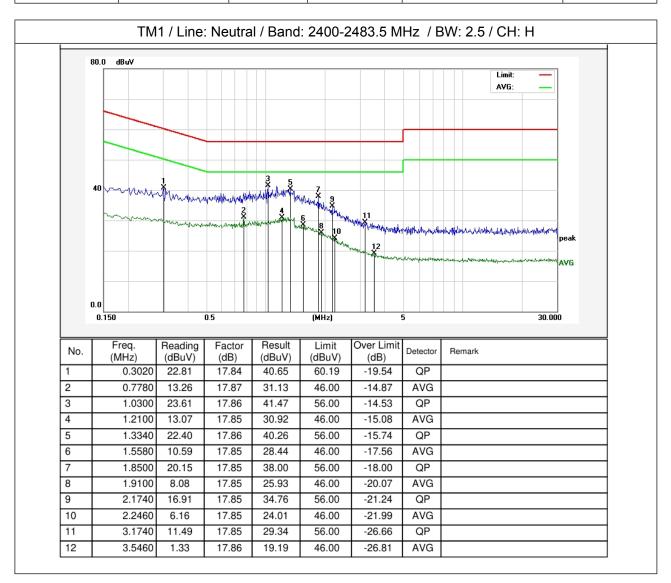
3.3. Test Data

Temperature: 22.9 °C Humidity: 50.5 % Atmospheric Pressure: 101 kPa





Temperature: 22.9 °C Humidity: 50.5 % Atmospheric Pressure: 101 kPa





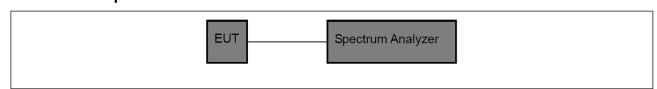
4. Occupied Bandwidth

Test Requirement:	47 CFR 15.247(a)(2)
Test Limit:	Refer to 47 CFR 15.247(a)(2), Systems using digital modulation techniques may operate in the 902-928 MHz, and 2400-2483.5 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.
Test Method:	ANSI C63.10-2020, section 11.8 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	11.8.1 Option 1 The steps for the first option are as follows: a) Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz. b) Set the VBW ≥ [3 × RBW]. c) Detector = peak. d) Trace mode = max-hold. e) Sweep = No faster than coupled (auto) time. f) Allow the trace to stabilize. g) Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the "-6 dB down amplitude". If a marker is below this "-6 dB down amplitude" value, then it shall be as close as possible to this value. 11.8.2 Option 2 The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the functionality described in 11.8.1 (i.e., RBW = 100 kHz, VBW ≥ 3 × RBW, and peak detector with maximum hold) is implemented by the instrumentation function. When using this capability, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be ≥ 6 dB.

4.1. EUT Operation

Operating Envi	Operating Environment:				
Test mode:	1: TX mode: Keep the EUT works in continuously transmitting mode with O-QPSK modulation.				

4.2. Test Setup



4.3. Test Data

Temperature:	25.3 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.

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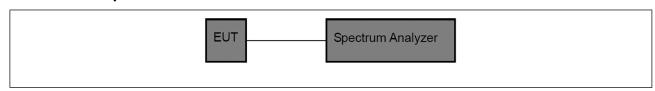
5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(3)
Test Limit:	Refer to 47 CFR 15.247(b)(3), For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.
Test Method:	ANSI C63.10-2020 section 11.9.1 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2020, section 11.9.1 Maximum peak conducted output power

5.1. EUT Operation

Operating Environment:				
Test mode:	1: TX mode: Keep the EUT works in continuously transmitting mode with O-QPSK modulation.			

5.2. Test Setup



5.3. Test Data

Temperature: 25.3 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.



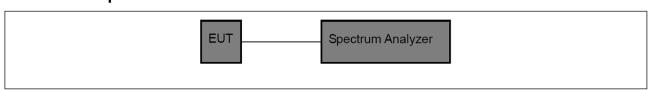
6. Power Spectral Density

Test Requirement:	47 CFR 15.247(e)	
Test Limit:	Refer to 47 CFR 15.247(e), For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.	
Test Method:	ANSI C63.10-2020, section 11.10 KDB 558074 D01 15.247 Meas Guidance v05r02	
Procedure:	ANSI C63.10-2020, section 11.10, Maximum power spectral density level in the fundamental emission	

6.1. EUT Operation

Operating Environment:		
Test mode:	1: TX mode: Keep the EUT works in continuously transmitting mode with O-QPSK modulation.	

6.2. Test Setup



6.3. Test Data

_						
T	emperature:	25.3 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa

Please Refer to Appendix for Details.

T. 11



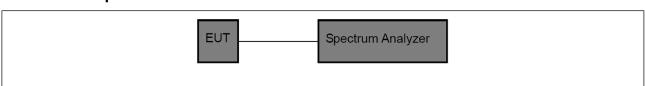
7. Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d), 15.209, 15.205	
Test Limit:	Refer to 47 CFR 15.247(d), In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required.	
Test Method:	ANSI C63.10-2020 section 11.11 KDB 558074 D01 15.247 Meas Guidance v05r02	
Procedure:	ANSI C63.10-2020 Section 11.11.1, Section 11.11.2, Section 11.11.3	

7.1. EUT Operation

Operating Environment:		
Test mode:	1: TX mode: Keep the EUT works in continuously transmitting mode with O-QPSK modulation.	

7.2. Test Setup



7.3. Test Data

Temperature:	25.3 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.





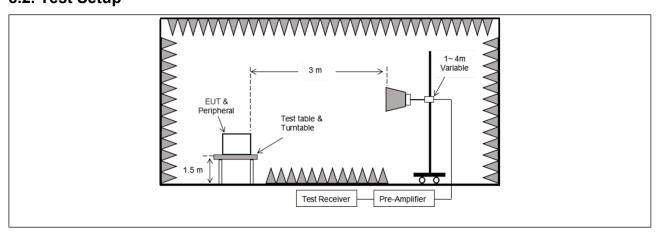
8. Band edge emissions (Radiated)

Test Requirement:	Refer to 47 CFR 15.247(d), In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).`		
	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	300
	0.490-1.705	24000/F(kHz)	30
	1.705-30.0	30	30
	30-88	100 **	3
	88-216	150 **	3
	216-960	200 **	3
	Above 960	500	3
Test Limit:	** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.		
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247		
Procedure:	ANSI C63.10-2020 section	6.10.5.2	

8.1. EUT Operation

Operating Environment:		
Test mode:	1: TX mode: Keep the EUT works in continuously transmitting mode with O-QPSK modulation.	

8.2. Test Setup



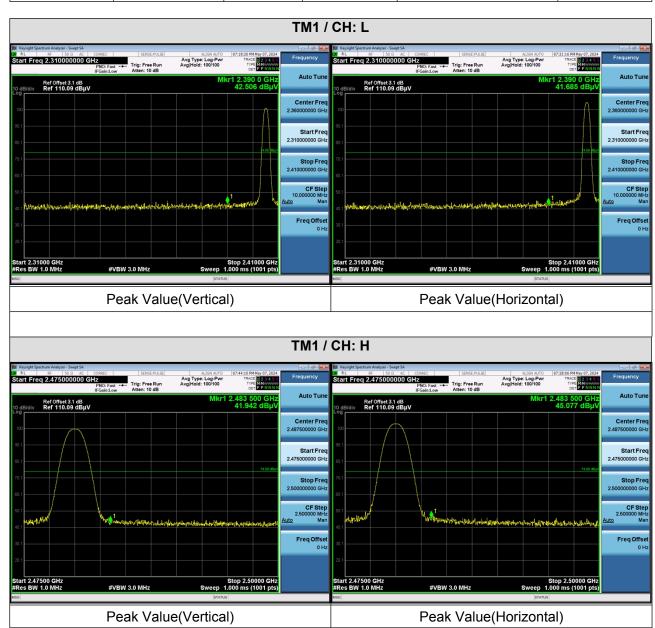






8.3. Test Data

Temperature: 25.3 °C Humidity: 48 % Atmospheric Pressure: 101 kPa



Remark:

1. When the PK measure result value is less than the AVG limit value, the AV measure result values test not applicable.



9. Emissions in frequency bands (below 1GHz)

Test Requirement:	Refer to 47 CFR 15.247(d), In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).`		
	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	300
	0.490-1.705	24000/F(kHz)	30
	1.705-30.0	30	30
	30-88	100 **	3
	88-216	150 **	3
	216-960	200 **	3
	Above 960	500	3
Test Limit:	** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.		
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247		
Procedure:	ANSI C63.10-2020 section	6.6.4	

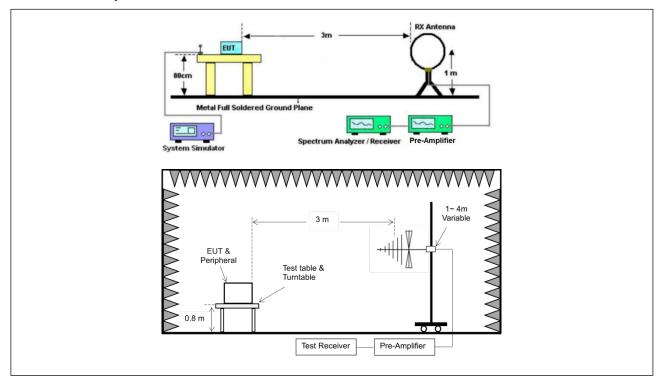
9.1. EUT Operation

Operating Environment:		
Test mode:	1: TX mode: Keep the EUT works in continuously transmitting mode with O-QPSK modulation.	





9.2. Test Setup

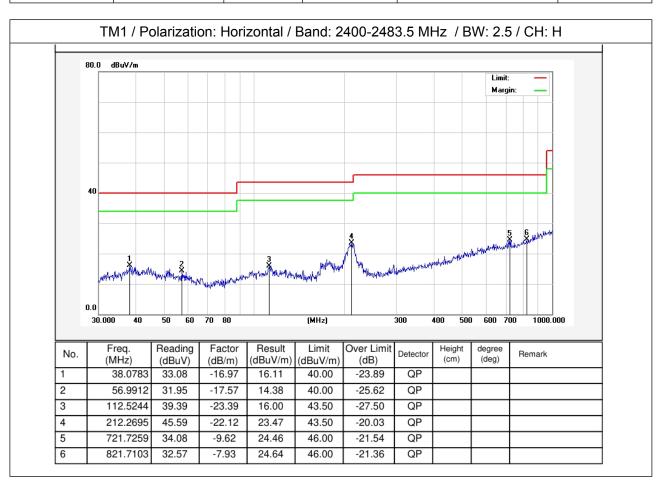




9.3. Test Data

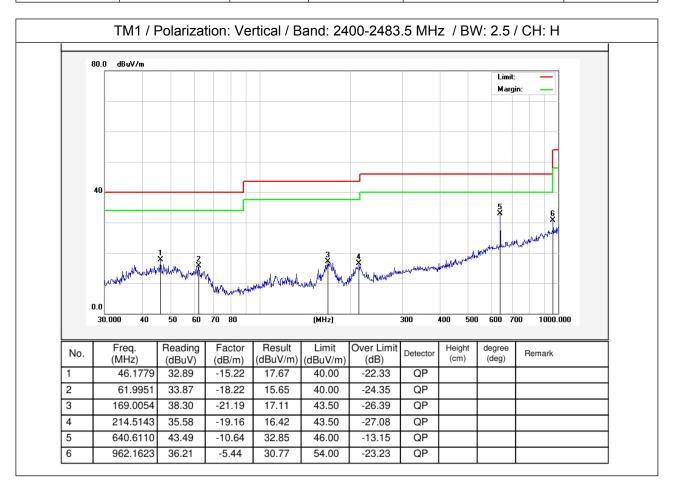
The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.

Temperature: 25.3 °C Humidity: 48 % Atmospheric Pressure: 101 kPa





Temperature: 25.3 °C Humidity: 48 % Atmospheric Pressure: 101 kPa





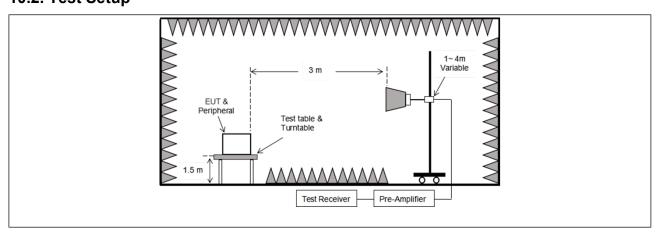
10. Emissions in frequency bands (above 1GHz)

Test Requirement:	In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).`		
	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	300
	0.490-1.705	24000/F(kHz)	30
	1.705-30.0	30	30
	30-88	100 **	3
	88-216	150 **	3
	216-960	200 **	3
	Above 960	500	3
Test Limit:	** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.		
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 N		
Procedure:	ANSI C63.10-2020 section	6.6.4	

10.1. EUT Operation

Operating Environment:		
Test mode:	1: TX mode: Keep the EUT works in continuously transmitting mode with O-QPSK modulation.	

10.2. Test Setup



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10.3. Test Data

Temperature:	25.3 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa
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			TM1 / CH: L				
Peak value:							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization	
4810.00	27.75	15.27	43.02	74.00	-30.98	Vertical	
7215.00	29.25	18.09	47.34	74.00	-26.66	Vertical	
9620.00	30.11	23.76	53.87	74.00	-20.13	Vertical	
12025.00	*			74.00		Vertical	
14430.00	*			74.00		Vertical	
4810.00	28.21	15.27	43.48	74.00	-30.52	Horizontal	
7215.00	29.41	18.09	47.50	74.00	-26.50	Horizontal	
9620.00	28.91	23.76	52.67	74.00	-21.33	Horizontal	
12025.00	*			74.00		Horizontal	
14430.00	*			74.00		Horizontal	
Average value:							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization	
4810.00	17.13	15.27	32.40	54.00	-21.60	Vertical	
7215.00	18.28	18.09	36.37	54.00	-17.63	Vertical	
9620.00	19.13	23.76	42.89	54.00	-11.11	Vertical	
12025.00	*			54.00		Vertical	
14430.00	*			54.00		Vertical	
4810.00	16.56	15.27	31.83	54.00	-22.17	Horizontal	
7215.00	18.47	18.09	36.56	54.00	-17.44	Horizontal	
9620.00	18.22	23.76	41.98	54.00	-12.02	Horizontal	
12025.00	*			54.00		Horizontal	
14430.00	*			54.00		Horizontal	





TM1 / CH: M								
Peak value:								
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization		
4880.00	27.77	15.42	43.19	74.00	-30.81	Vertical		
7320.00	29.10	18.02	47.12	74.00	-26.88	Vertical		
9760.00	29.12	23.80	52.92	74.00	-21.08	Vertical		
12200.00	*			74.00		Vertical		
14640.00	*			74.00		Vertical		
4880.00	27.91	15.42	43.33	74.00	-30.67	Horizontal		
7320.00	29.40	18.02	47.42	74.00	-26.58	Horizontal		
9760.00	28.61	23.80	52.41	74.00	-21.59	Horizontal		
12200.00	*			74.00		Horizontal		
14640.00	*			74.00		Horizontal		
Average value:	Average value:							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization		
4880.00	16.86	15.42	32.28	54.00	-21.72	Vertical		
7320.00	18.38	18.02	36.40	54.00	-17.60	Vertical		
9760.00	18.99	23.80	42.79	54.00	-11.21	Vertical		
12200.00	*			54.00		Vertical		
14640.00	*			54.00		Vertical		
4880.00	16.47	15.42	31.89	54.00	-22.11	Horizontal		
7320.00	18.03	18.02	36.05	54.00	-17.95	Horizontal		
9760.00	18.73	23.80	42.53	54.00	-11.47	Horizontal		
12200.00	*			54.00		Horizontal		
14640.00	*			54.00		Horizontal		



			TM1 / CH: H					
Peak value:								
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization		
4960.00	28.04	15.58	43.62	74.00	-30.38	Vertical		
7440.00	29.11	17.93	47.04	74.00	-26.96	Vertical		
9920.00	29.67	23.83	53.50	74.00	-20.50	Vertical		
12400.00	*			74.00		Vertical		
14880.00	*			74.00		Vertical		
4960.00	27.98	15.58	43.56	74.00	-30.44	Horizontal		
7440.00	29.43	17.93	47.36	74.00	-26.64	Horizontal		
9920.00	29.29	23.83	53.12	74.00	-20.88	Horizontal		
12400.00	*			74.00		Horizontal		
14880.00	*			74.00		Horizontal		
Average value:	Average value:							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization		
4960.00	17.98	15.58	33.56	54.00	-20.44	Vertical		
7440.00	19.39	17.93	37.32	54.00	-16.68	Vertical		
9920.00	19.54	23.83	43.37	54.00	-10.63	Vertical		
12400.00	*			54.00		Vertical		
14880.00	*			54.00		Vertical		
4960.00	17.91	15.58	33.49	54.00	-20.51	Horizontal		
7440.00	19.40	17.93	37.33	54.00	-16.67	Horizontal		
9920.00	18.63	23.83	42.46	54.00	-11.54	Horizontal		
12400.00	*			54.00		Horizontal		
14880.00	*			54.00		Horizontal		

Remark:

- 1. Result =Reading + Factor
- 2. "*" means the test results were attenuated more than 20dB below the permissible limits, so the results don't record in the report.



APPENDIX I -- TEST SETUP PHOTOGRAPH

Please refer to separated files Appendix I -- Test Setup Photograph_RF

APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

APPENDIX III -- INTERNAL PHOTOGRAPH

Please refer to separated files Appendix III -- Internal Photograph

