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Report No.: KS2306S3130E06

TEST REPORT

Report No...... KS2306S3130E06

FCC ID.....: 2A639-P1000-R

AUO Display Plus Corporation Applicant.....:

No. 1, Gongye E. 3rd Rd., East Dist., Hsinchu Science Park, Hsinchu Address

City, Taiwan

Manufacturer....: **AUO Display Plus Corporation**

No. 1, Gongye E. 3rd Rd., East Dist., Hsinchu Science Park, Hsinchu Address....:

City, Taiwan

Product Name....: Panel PC

Model/Type reference...... PA1000-R, PA1000-X(X is A-Z)

Standard....:: 47 CFR Part 15.225

Date of Receipt....: June 14, 2023

June 14, 2023 to February 19, 2024 Date of Test Date....:

Date of issue....: February 19, 2024

Test result....: **Pass**

When determining of test conclusion, measurement uncertainty of tests Conclusion.....

have been considered.

Prepared by:

(Printed name + Signature)

Pai Zheng

Approved by:

(Printed name + Signature)

Tom Chen

Testing Laboratory Name...: KSIGN(Guangdong) Testing Co., Ltd.

West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong,

China



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1. TEST SUMMARY

1.1. Test Standards

The tests were performed according to following standards:

47 CFR Part 15.225: Operation within the band 13.110-14.010 MHz

ANSI C63.10-2013: American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

1.2. Report Version

Revised No.	Date of issue	Description	
01	February 19, 2024	Original	
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35			





1.3. Test Description

Test Item	Standard	Requirement	Result
Antenna requirement	47 CFR Part 15.225	47 CFR 15.203	Pass
Conducted Emission at AC power line	47 CFR Part 15.225	47 CFR 15.207(a)	Pass
20dB Bandwidth	47 CFR Part 15.225	47 CFR 15.215(c)	Pass
Frequency Tolerance	47 CFR Part 15.225	47 CFR 15.231(e)	Pass
Field Strength of The Fundamental Signal	47 CFR Part 15.225	47 CFR 15.225(a)	Pass
Emission Mask	47 CFR Part 15.225	47 CFR 15.225(b), 15.225(c)	Pass
Emissions in frequency bands (below 30MHz)	47 CFR Part 15.225	47 CFR 15.225(d)	Pass
Emissions in frequency bands (30M-1GHz)	47 CFR Part 15.225	47 CFR 15.225(d)	Pass



1.4. Test Facility

KSIGN(Guangdong) Testing Co., Ltd.

West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China

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

CNAS-Lab Code: L13261

KSIGN(Guangdong) Testing Co., Ltd. has been assessed and proved to be in Compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2017 General Requirements) for the Competence of Testing and Calibration Laboratories.

A2LA-Lab Cert. No.: 5457.01

KSIGN(Guangdong) Testing Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the

identified field of testing

ISED#: 25693 CAB identifier.: CN0096

KSIGN(Guangdong) Testing Co., Ltd. has been listed by Innovation, Science and Economic Development Canada to perform electromagnetic emission measurement.

FCC-Registration No.: 294912 Designation Number: CN1328

KSIGN(Guangdong) Testing Co., Ltd. EMC Laboratory has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

1.5. Measurement Uncertainty

	Test Items	Measurement Uncertainty
1	Conducted Emission (150k-30MHz)	± 3.34dB
Ü	RSE (30-1000MHz)	± 5.7dB

The reported uncertainty of measurement y ± U, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.





2. GENERAL INFORMATION

2.1. General Description Of EUT

Test Sample Number:	1-1(Normal Sample), 1-2(Engineering Sample)			
Product Name:	Panel PC			
Model / Type reference:	PA1000-R, PA1000-X(X is A-Z)			
Model Difference:	The difference product models are model names and software APP. Different model names are available to meet market demands. Other power supply methods, appearance, internal structures, circuits and key components are the same, and do not affect safety and electromagnetic compatibility performance.			
Power Supply:	DC 12V from adapter/POE			
Operation Frequency:	13.56MHz			
Number of Channels:	1			
Modulation Type:	ASK			
Antenna Type:	Coil			
Antenna Gain:	0dBi			
Max TX Power:	68.33dBuV/m			
Hardware Version:	YKT-MP-M-C-V230			
Software Version:	V7.3			

Note: Antenna gain provided by the applicant Can affect the validity of results

2.2. Accessory Equipment Information

The EUT was tested as an independent device.

2.3. Description of Test Modes

	No.	Title	Description of Mode
O)	Test Mode1	NFC	Keep EUT in NFC mode





2.4. Operation channel list

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel
1	13.56	1		1

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2.5. Measurement Instruments List

Conducted Emission at AC power line				
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
LISN	R&S	ENV432	1326.6105.02	2025-01-19
EMI Test Receiver	R&S	ESR	102524	2025-01-19
Manual RF Switch	JS TOYO		MSW-01/002	2025-01-19
ISN CAT6	Schwarzbeck	CAT5 8158	227	2025-01-19
Color Signal Generator	Philips	PM5418	672926	2025-01-19
Power Absorbing Clamp	R&S	MDS-21	100925	2025-01-19

20dB Bandwidth Frequency Tolerance				
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
Wideband Radio Communication Tester	R&S	CMU200	115297	2025-01-19
Audio Analyzer	R&S	UPL16	100001	2025-01-19
Shielding box	Gxiong	GX-5915A	2201113	2025-01-19
High Pass Filter	COM-MW Technology Co., Ltd	ZHPF-M1.2-9G-1 87	09203403	2025-01-19
Band Stop Filter	COM-MW Technology Co., Ltd	ZBSF6-C820-920 -188	09203401	2025-01-19
Splitter	COM-MW Technology Co., Ltd	ZPD-M1-8-2103	09203407	2025-01-19
Coaxial Cable	BEBES	A40-2.92M2.92F- 4.5M	1907021	2025-01-19
Hygrothermograph	Anymetre	JB913		2025-01-19
Climate Chamber	Angul	AGNH80L	1903042120	2025-01-19
Spectrum Analyzer	HP	8593E	3831U02087	2025-01-19
Dual Output DC Power Supply	Agilent	E3646A	MY40009992	2025-01-19
RF Control Unit	Tonscend	JS0806-2	1	2025-01-19
Analog Signal Generator	HP	83752A	3344A00337	2025-01-19
Vector Signal Generator	Agilent	N5182A	MY50142520	2025-01-19
Wideband Radio Communication Tester	R&S	CMW500	157282	2025-01-19
Spectrum Analyzer	R&S	FSV40-N	101798	2025-01-19



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Field Strength of The Fundamental Signal Emission Mask Emissions in frequency bands (below 30MHz) Emissions in frequency bands (30M-1GHz)				
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
Color Signal Generator	Philips	PM5418	672926	2025-01-19
Ultra-Broadband logarithmic period Antenna	Schwarzbeck	VULB 9163	1230	2025-02-18
Pre-Amplifier	Schwarzbeck	BBV 9745	9745#129	2025-01-19
Broadcast Television Signal Generator	R&S	SFE100	141038	2025-01-19
Analog Signal Generator	Agilent	8648A	3847M00445	2025-01-19
EMI Test Receiver	R&S	ESR	102525	2025-01-19
Loop Antenna	Beijin ZHINAN	ZN30900C	18050	2025-01-19
Horn Antenna	Schwarzbeck	BBHA 9120 D	2023	2026-02-19
Pre-Amplifier	EMCI	EMC051835SE	980662	2025-01-19
Spectrum Analyzer	Keysight	N9020A	MY46471971	2025-01-19





3. Evaluation Results (Evaluation)

3.1. 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 shall
Test Requirement:	be used with the device. The use of a permanently attached antenna or of an
NV.	antenna that uses a unique coupling to the intentional radiator shall be
All Amor	considered sufficient to comply with the provisions of this section.

4. Radio Spectrum Matter Test Results (RF)

4.1. Conducted Emission at AC power line

Test Requirement:	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 µH/50 ohms line impedance stabilization network (LISN).			
4	Frequency of emission (MHz) Conducted limit (dBµV)			
< 47	100	Quasi-peak	Average	
· · · · · · · · · · · · · · · ·	0.15-0.5	66 to 56*	56 to 46*	
Test Limit:	0.5-5	56	46	
W ₁	5-30	60	50	
200	*Decreases with the logarithm of the frequency.			
Test Method:	ANSI C63.10-2013 section 6.2			
Procedure:	Refer to ANSI C63.10-2013 section 6.2, standard test method for ac power-line conducted emissions from unlicensed wireless devices			

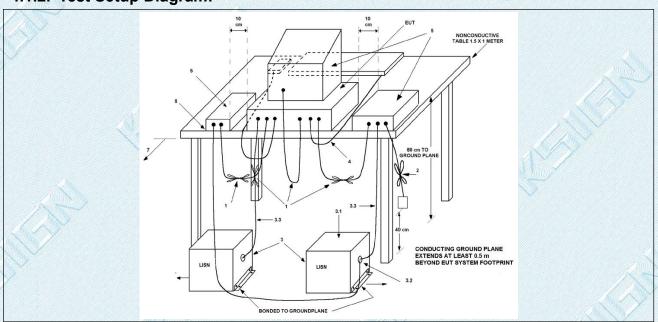
4.1.1. E.U.T. Operation:

			#111111 H
Operating Environment:			
Temperature:	24.4 °C	N/Y	
Humidity:	45.6 %		
Atmospheric Pressure:	102 kPa		
Final test mode:	Test Mode1	No	





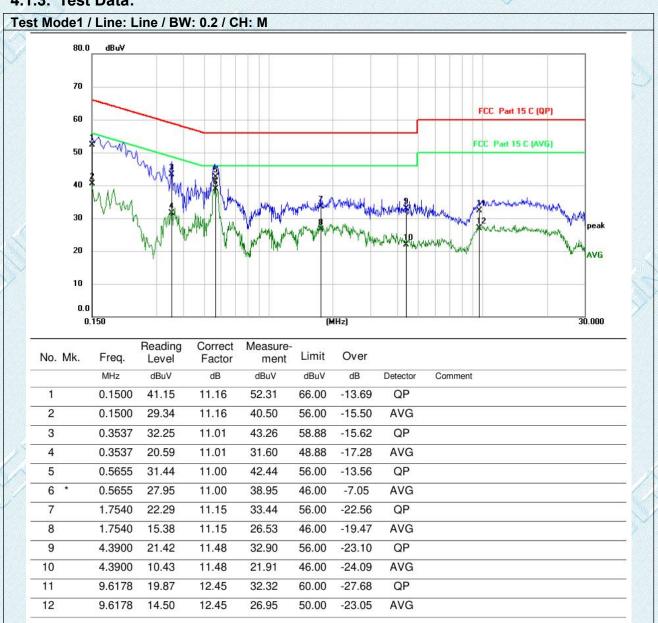
4.1.2. Test Setup Diagram:







4.1.3. Test Data:





Test Mode1 / Line: Neutral / BW: 0.2 / CH: M 80.0 dBuV 70 FCC Part 15 C (QP) 60 50 40 30 20 AVG 10 0.0 0.150 30.000 Reading Correct Measure-No. Mk. Limit Over Freq. Factor Level ment MHz dBuV dB dBuV dBuV dB Detector Comment 1 0.1859 37.53 11.06 48.59 64.22 -15.63QP 2 0.1859 22.27 11.06 33.33 54.22 -20.89 **AVG** 3 -18.92 QP 0.2620 31.42 11.03 42.45 61.37 0.2620 7.53 11.03 18.56 51.37 -32.81 AVG 4 0.5700 31.34 11.01 42.35 -13.65 QP 5 56.00 11.01 0.5700 28.65 39.66 46.00 -6.34 AVG 6 7 2.0659 22.81 11.17 33.98 56.00 -22.02 QP 2.0659 17.56 11.17 46.00 -17.27 AVG

QP

AVG

QP

AVG

Note:

8

9

10

11 12

1. Measurement = Reading level + Correct Factor

22.89

15.29

19.50

14.18

4.3778

4.3778

9.8500

9.8500

2.Correct Factor=Antenna Factor + Cable Loss - Preamplifier Factor

11.46

11.46

12.45

12.45

28.73

34.35

26.75

31.95

26.63

56.00

46.00

60.00

50.00

-21.65

-19.25

-28.05

-23.37

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4.2. 20dB Bandwidth

4.2. 20dB Bandw	ituti
Test Requirement:	47 CFR 15.215(c)
Test Limit:	Refer to 47 CFR 15.215(c), intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.
Test Method:	ANSI C63.10-2013, section 6.9.2
	a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the EMI receiver or spectrum analyzer shall be between two times and five times the OBW. b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW and video bandwidth (VBW) shall be approximately three times RBW, unless otherwise specified
	by the applicable requirement. c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2. d) Steps a) through c) might require iteration to adjust within the specified tolerances.
	e) The dynamic range of the instrument at the selected RBW shall be more than 10 dB below the target "-xx dB down" requirement; that is, if the requirement calls for measuring
Procedure:	the -20 dB OBW, the instrument noise floor at the selected RBW shall be at least 30 dB below the reference value. f) Set detection mode to peak and trace mode to max hold. g) Determine the reference value: Set the EUT to transmit an unmodulated carrier or modulated signal, as applicable. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace (this is the reference value).
	h) Determine the "-xx dB down amplitude" using [(reference value) - xx]. Alternatively, this calculation may be made by using the marker-delta function of the instrument. i) If the reference value is determined by an unmodulated carrier, then turn the EUT modulation ON, and either clear the existing trace or start a new trace on the spectrum analyzer and allow the new trace to stabilize. Otherwise, the trace from step g) shall be used for step j). j) Place 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 "fxx dB down amplitude" determined in step h). If a marker is below this "-xx dB down amplitude" value,

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then it shall be as close as possible to this value. The occupied bandwidth is the frequency

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difference between the two markers. Alternatively, set a marker at the lowest frequency of the

envelope of the spectral display, such that the marker is at or slightly below the "íxx dB down"

amplitude" determined in step h). Reset the marker-delta function and move the marker to the

other side of the emission until the delta marker amplitude is at the same level as the reference

marker amplitude. The marker-delta frequency reading at this point is the specified emission

bandwidth.

k) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument

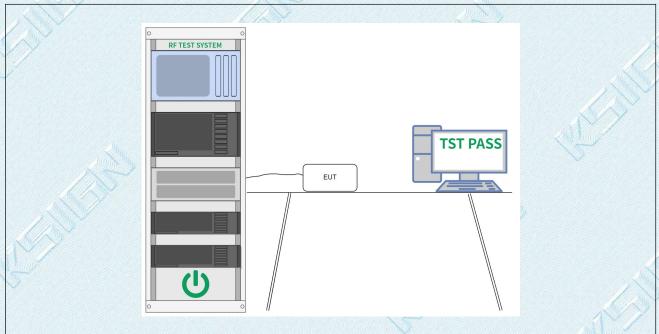
display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may

be reported in addition to the plot(s).

4.2.1. E.U.T. Operation:

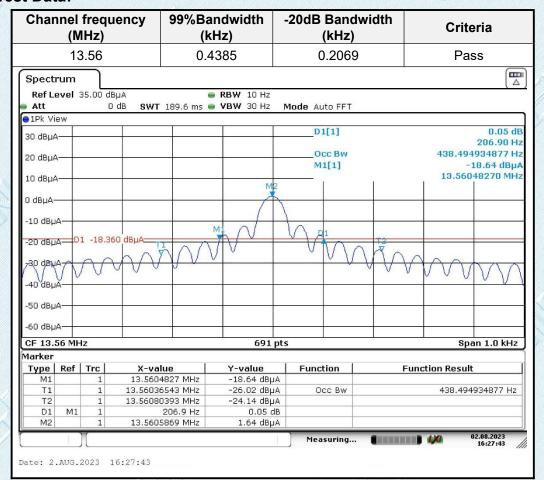
Operating Environment:	
Temperature:	24.4 °C
Humidity:	45.6 %
Atmospheric Pressure:	102 kPa
Final test mode:	Test Mode1

4.2.2. Test Setup Diagram:





4.2.3. Test Data:







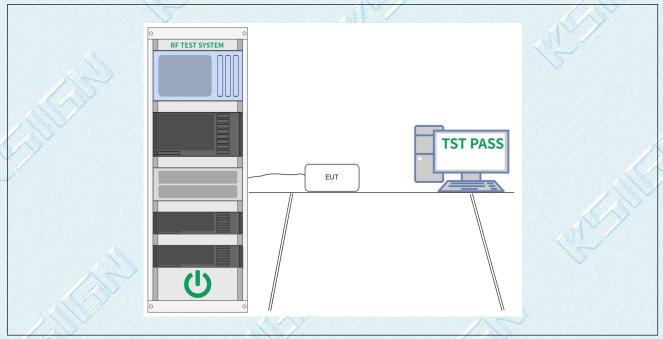
4.3. Frequency Tolerance

Test Requirement:	47 CFR 15.231(e)
Test Limit:	The frequency tolerance of the carrier signal shall be maintained within ±0.01% of the operating frequency over a temperature variation of −20 degrees to + 50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.
Test Method:	ANSI C63.10-2013, Section 6.8
Procedure:	Refer to ANSI C63.10-2013, Section 6.8

4.3.1. E.U.T. Operation:

Operating Environment:	
Temperature:	24.4 °C
Humidity:	45.6 %
Atmospheric Pressure:	102 kPa
Final test mode:	Test Mode1

4.3.2. Test Setup Diagram:







4.3.3. Test Data:

Voltage vs. Frequency Stability (Test Temperature: 20°C)

Voltage(V)	Measurement Frequency (MHz)	Max. Deviation (MHz)	Limit(MHz)	Conclusion
12.0	13.56052			
10.2	13.56060	0.00061	0.001356	PASS
13.8	13.56061		V	

Temperature vs. Frequency Stability (Test Voltage: 12.0V)

Temperature	Measurement Frequency (MHz)	Max. Deviation (MHz)	Limit(MHz)	Conclusion
- 20℃	13.56052			
-10℃	13.56059	N _{Mic}		
0℃	13.56061			
10℃	13.56060	0.00061	0.001356	PASS
20℃	13.56058	0.00001	0.001336	PASS
30℃	13.56060	J _{in}	N. Control of the con	
40°C	13.56061			
50°C	13.56055			. Sc





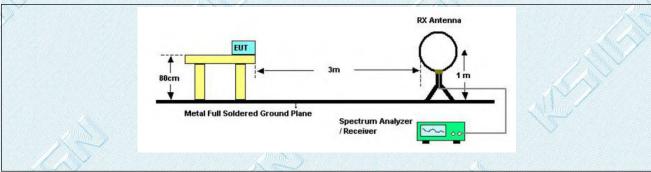
4.4. Field Strength of The Fundamental Signal

Test Requirement:	47 CFR 15.225(a)
Test Limit:	The field strength of any emissions within the band 13.553–13.567 MHz shall not exceed 15,848 microvolts/meter at 30 meters.
Test Method:	ANSI C63.10-2013, Section 6.4
Procedure:	Refer to ANSI C63.10-2013, Section 6.4

4.4.1. E.U.T. Operation:

Operating Environment:	
Temperature:	24.4 °C
Humidity:	45.6 %
Atmospheric Pressure:	102 kPa
Final test mode:	Test Mode1

4.4.2. Test Setup Diagram:







4.4.3. Test Data:

Frequency (MHz)	Read Level (dBuV)	Correct Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dBuV/m)	Polarization	Test value
13.56	96.38	-29.04	67.34	124	56.66	Horizontal	Peak
13.56	97.37	-29.04	68.33	124	55.67	Vertical	Peak

Note:

- 1. Measurement = Reading level + Correct Factor
- 2.Correct Factor=Antenna Factor + Cable Loss Preamplifier Factor





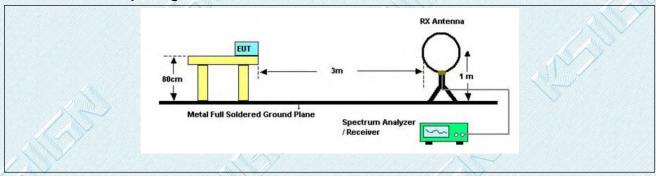
4.5. Emission Mask

Test Requirement:	47 CFR 15.225(b), 15.225(c)
Test Limit:	(b) Within the bands 13.410–13.553 MHz and 13.567–13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 meters. (c) Within the bands 13.110–13.410 MHz and 13.710–14.010 MHz the field strength of any emissions shall not exceed 106 microvolts/meter at 30 meters.
Test Method:	ANSI C63.10-2013, Section 6.4
Procedure:	Refer to ANSI C63.10-2013, Section 6.4

4.5.1. E.U.T. Operation:

Operating Environment:		
Temperature:	24.4 °C	
Humidity:	45.6 %	
Atmospheric Pressure:	102 kPa	
Final test mode:	Test Mode1	1000

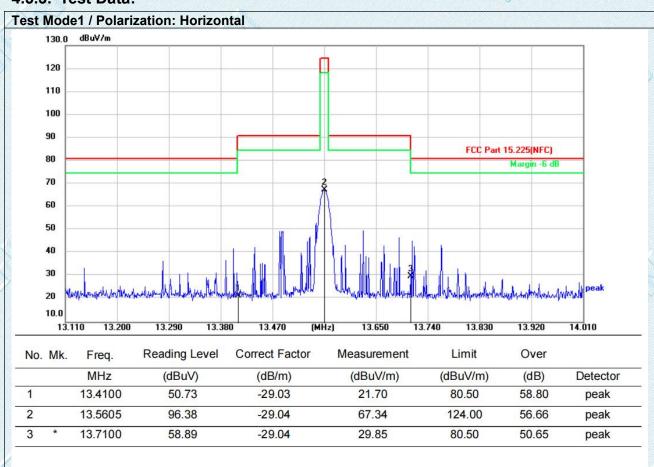
4.5.2. Test Setup Diagram:



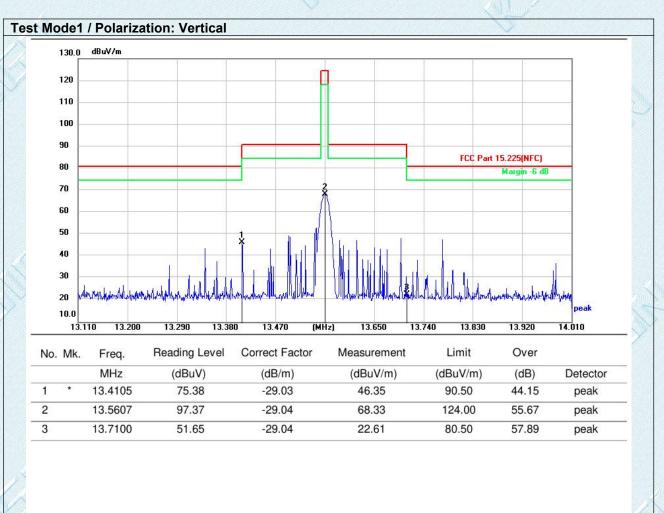




4.5.3. Test Data:







Note:

- 1. Measurement = Reading level + Correct Factor
- 2.Correct Factor=Antenna Factor + Cable Loss Preamplifier Factor

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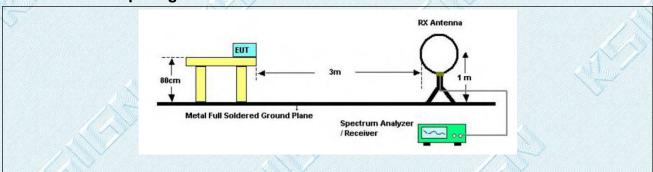
4.6. Emissions in frequency bands (below 30MHz)

Test Requirement:	47 CFR 15.225(d)				
5/	Refer to 47 CFR Part 15.225(d), The field strength of any emissions appearing outside of the 13.110–14.010 MHz band shall not exceed the general radiated emission limits in § 15.209. 47 CFR Part 15.209:				
	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		
Test Limit:	Above 960	500	3		
	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.				
	As shown in § 15.35(b), for frequencies above 1000 MHz, the field strength limits in paragraphs (a)and (b)of this section are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For point-to-point operation under paragraph (b)of this section, the peak field strength shall not exceed 2500 millivolts/meter at 3 meters along the antenna azimuth.				
Test Method:	ANSI C63.10-2013, Sec	tion 6.4			
Procedure:	Refer to ANSI C63.10-20	013 section 6.4			

4.6.1. E.U.T. Operation:

Operating Environment:	
Temperature:	24.4 °C
Humidity:	45.6 %
Atmospheric Pressure:	102 kPa
Final test mode:	Test Mode1

4.6.2. Test Setup Diagram:

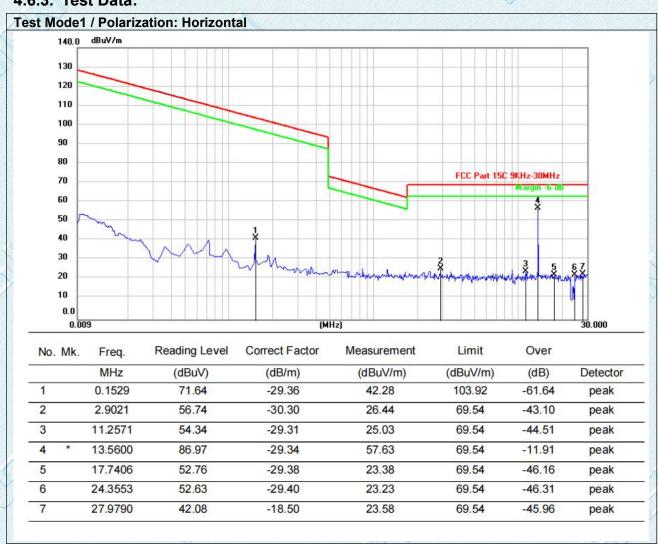


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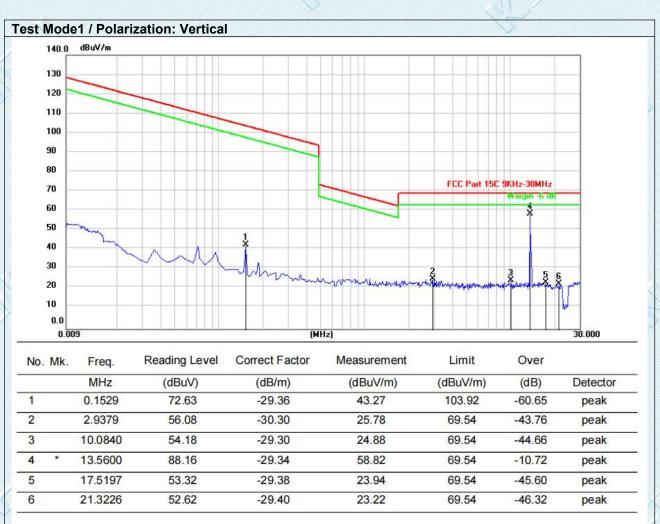




4.6.3. Test Data:







Note:

1. Measurement = Reading level + Correct Factor

2.Correct Factor=Antenna Factor + Cable Loss - Preamplifier Factor



4.7. Emissions in frequency bands (30M-1GHz)

Test Requirement:	47 CFR 15.225(d)					
	Refer to 47 CFR Part 15.225(d), The field strength of any emissions appearing outside of the 13.110–14.010 MHz band shall not exceed the general radiated emission limits in § 15.209. 47 CFR Part 15.209:					
	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			
Test Limit:	Above 960	500	3			
	part, e.g., §§ 15.231 and 15.241. As shown in § 15.35(b), for frequencies above 1000 MHz, the field strength limits in paragraphs (a) and (b) of this section are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For point-to-point operation under paragraph (b) of this section, the peak field strength shall not exceed 2500 millipolts/mater at 2					
<u> 22</u>	section, the peak field strength shall not exceed 2500 millivolts/meter at 3 meters along the antenna azimuth.					
Test Method:	ANSI C63.10-2013, Section 6.5					
Procedure:	meters above the groun rotated 360 degrees to do b. The EUT was set 3 or antenna, which was more. The antenna height is to determine the maximizertical polarizations of d. For each suspected ethen the antenna was turned frequency of below 30M rotatable table was turned reading. e. The test-receiver system Bandwidth with Maximum f. If the emission level of specified, then testing of be reported. Otherwise fre-tested one by one us in a data sheet. g. Test the EUT in the lond. The radiation measures.	EUT was placed on the top of a d at a 3 meter semi-anechoic challetermine the position of the high 10 meters away from the interferented on the top of a variable-he varied from one meter to four mum value of the field strength. But the antenna are set to make the emission, the EUT was arranged ned to heights from 1 meter to 4 Hz, the antenna was tuned to he ded from 0 degrees to 360 degrees the EUT in peak mode was 10d and be stopped and the peak value the emissions that did not have a fing quasi-peak method as specific west channel, the middle channel ements are performed in X, Y, Z found the X axis positioning which	amber. The table was nest radiation. Prence-receiving ight antenna tower. Peters above the ground of the horizontal and measurement. Peters (for the test eights 1 meter) and the est of find the maximum estion and Specified B lower than the limit lues of the EUT would 10dB margin would be ited and then reported est, the Highest channel. Axis positioning for			

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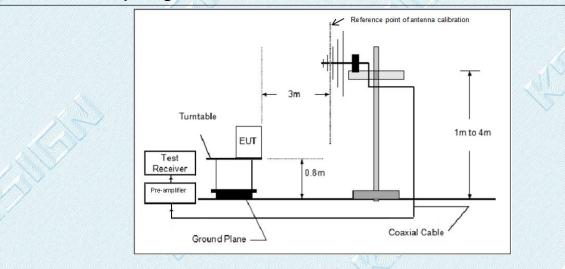
- 1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
- 2. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

3. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

4.7.1. E.U.T. Operation:

Operating Environment:	
Temperature:	24.4 °C
Humidity:	45.6 %
Atmospheric Pressure:	102 kPa
Final test mode:	Test Mode1

4.7.2. Test Setup Diagram:

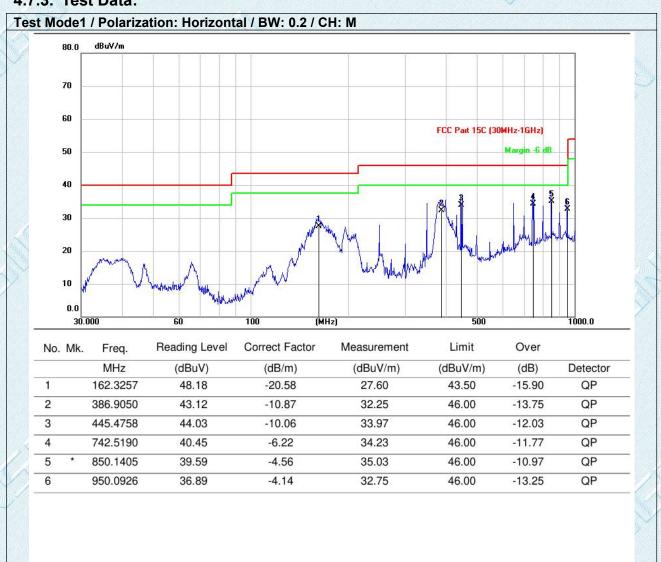


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4.7.3. Test Data:







No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1	*	34.6507	50.92	-17.74	33.18	40.00	-6.82	QP
2		160.6833	49.06	-20.63	28.43	43.50	-15.07	QP
3		450.0290	40.30	-10.05	30.25	46.00	-15.75	QP
4		650.1155	39.03	-7.03	32.00	46.00	-14.00	QP
5		750.1083	39.17	-6.19	32.98	46.00	-13.02	QP
6		950.0927	35.24	-4.14	31.10	46.00	-14.90	QP

Note:

1. Measurement = Reading level + Correct Factor

2.Correct Factor=Antenna Factor + Cable Loss - Preamplifier Factor



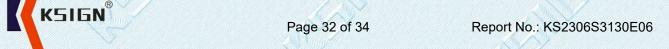


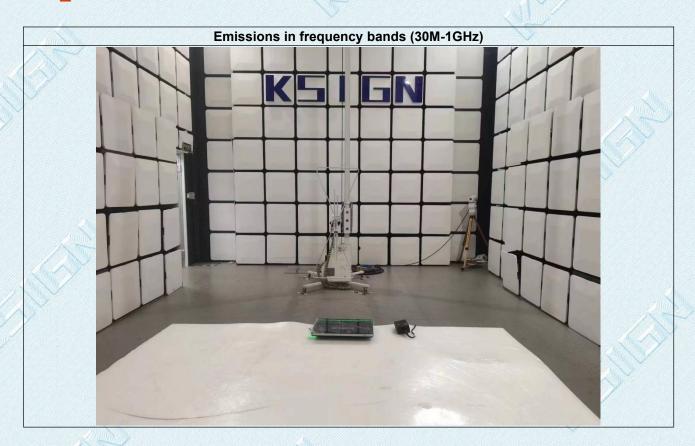
5. EUT TEST PHOTOS

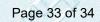




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6. PHOTOGRAPHS OF EUT CONSTRUCTIONAL

Refer to Appendix - EUT Photos for KS2306S3130E.

--THE END--

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Important Notice

1.	The results are valid only for the samples submitted.
2.	The report is invalid without the "APPROVED" and the "seal for riding".
3.	The test report is invalid without the signatures of Approver, Reviewer and Testing engineer.
4.	The test report can not be partially copied unless prior written approval is issued from our lab.
5.	If the report is not stamped with the CMA seal, it indicates that the report does not have the role of proof for society.
6.	Product information, customer information and sample sources are provided by the client, and we are not responsible for their authenticity;
7.	The test basis or test items marked ★ are not within the scope of CNAS accreditation and CMA accreditation of our laboratory.
8.	The report is invalid when anything of following happens – illegal transfer, reproduce, embezzlement, imposture, modification or tampering in any media form.
9.	If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of.
10.	For cases where compliance is determined based on test values, when relevant specifications, standards, documents, and customers have no relevant requirements and no other special instructions, the test report issued by this laboratory is carried out in full value and adopts ILAC-G8:09 /2019 "Simple Acceptance Rule" for judgment.