TEST REPORT

Report Number:	ZKT-251224L31018E
Date of Test:	Dec. 9, 2025 - Dec. 15, 2025
Date of issue:	Dec. 15, 2025
Total number of pages:	20
Test Result :	PASS
Testing Laboratory:	**Shenzhen ZKT Technology Co., Ltd.**
Address :	1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue, Fuhai Street, Bao'an District, Shenzhen, China
Applicant's name :	**SHENZHEN LINSN LED CO., LTD**
Address :	Building 2, Hongfa High-tech Park, Shiyan Street, Baoan District, Shenzhen, China.
Manufacturer's name :	**SHENZHEN LINSN LED CO., LTD**
Address :	Building 2, Hongfa High-tech Park, Shiyan Street, Baoan District, Shenzhen, China.
Test specification:	
Standard :	J55032 (H29)
Test procedure:	/
Non-standard test method :	/
Test Report Form No.:	TRF-EL-143_V0
Test Report Form(s) Originator:	ZKT Testing
Master TRF :	Dated: 2020-01-06

This device described above has been tested by ZKT, and the test results show that the equipment under test (EUT) is in compliance with the 2014/30/EU Directive requirements. And it is applicable only to the tested sample identified in the report.
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Product name:	**LED DISPIAY**
Trademark :	/
Model/Type reference:	MY1000-P3.91 MY1000-P1.5625, P1.953, P2.604, P2.976, P3.91, P4.81
Ratings:	Input: AC 100 V - 240 V, 50 / 60 Hz

Testing procedure and testing location:

Testing Laboratory.....:	**Shenzhen ZKT Technology Co., Ltd.**
Address.....:	1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue, Fuhai Street, Bao'an District, Shenzhen, China
Tested by (name + signature).....:	Jim Liu
Reviewer (name + signature).....:	Jackson Fang
Approved (name + signature).....:	Lake Xie

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1. VERSION

Report No.	Version	Description	Approved
ZKT-251224L31018E	Rev.01	Initial issue of report	Dec. 15, 2025

2. GENERAL INFORMATION

2.1 Description of Device (EUT)

Product	LED DISPIAY
Model Name	MY1000-P3.91
Model Difference	MY1000-P3.91 is the test model, while other models are derivative models. These models are the same on the circuit, only with different model names and pixel pitch. Therefore, the test data of MY1000-P3.91 can represent the remaining models.
Rated Power Supply	Input: AC 100 V - 240 V, 50 / 60 Hz
I/O Ports	Refer to User Manual
Highest Frequency Generated	Below 108 MHz

2.2 Other Accessory Device List and Details

Description	**Manufacturer**	**Model**	**Note**
/	/	/	/
/	/	/	/

2.3 Test Facility

Site Description		
Name of Firm	:	Shenzhen ZKT Technology Co., Ltd.
Site Location	:	1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue, Fuhai Street, Bao'an District, Shenzhen, China

2.4 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the Product 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.

Test item	Value (dB)
Conducted Emission (150kHz-30MHz)	3.20
Radiated Emission(30MHz~1GHz)	4.80

2.5 Test Instrument Used

For Conducted Emission at the mains terminals Test

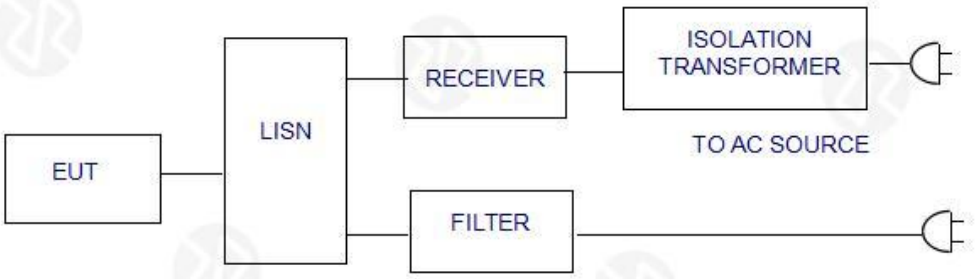
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Firmware Version	Last calibration	Calibrated until
1	LISN	R&S	ENV216	101471	N/A	Sep. 29, 2025	Sep. 28, 2026
2	LISN	CYBERTEK	EM5040A	E1850400149	N/A	Sep. 29, 2025	Sep. 28, 2026
3	Test Cable	N/A	C-01	N/A	N/A	Sep. 29, 2025	Sep. 28, 2026
4	Test Cable	N/A	C-02	N/A	N/A	Sep. 29, 2025	Sep. 28, 2026
5	Test Cable	N/A	C-03	N/A	N/A	Sep. 29, 2025	Sep. 28, 2026
6	EMI Test Receiver	R&S	ESCI3	101393	4.42 SP3	Sep. 28, 2025	Sep. 27, 2026
7	Triple-Loop Antenna	N/A	RF300	9194	N/A	Sep. 28, 2025	Sep. 27, 2026
8	Absorbing Clamp	DZ	ZN23201	15034	N/A	Oct. 09, 2025	Oct. 10, 2026
9	EMC Software	Frad	EZ-EMC	Ver.EMC-CON 3A1.1	N/A	\	\

For Radiated Emission Test

Item	Equipment	Manufacturer	Type No.	Serial No.	Firmware Version	Last calibration	Calibrated until
1	Spectrum Analyzer (9kHz-26.5GHz)	KEYSIGHT	N9020A	MY55370835	A.17.05	Sep. 28, 2025	Sep. 27, 2026
2	Spectrum Analyzer (10kHz-39.9GHz)	R&S	FSV40-N	100363	1.71 SP2	Sep. 29, 2025	Sep. 28, 2026
3	EMI Test Receiver (9kHz-7GHz)	R&S	ESCI7	100969	4.32	Sep. 28, 2025	Sep. 27, 2026
4	Bilog Antenna (30MHz-1500MHz)	Schwarzbeck	VULB9168	00877	N/A	Sep. 29, 2025	Sep. 28, 2026
5	Horn Antenna (1GHz-18GHz)	Agilent	AH-118	071145	N/A	Sep. 29, 2025	Sep. 28, 2026
6	Horn Antenna (15GHz-40GHz)	A.H.System	SAS-574	588	N/A	Sep. 29, 2025	Sep. 28, 2026
7	Loop Antenna	TESEQ	HLA6121	58357	N/A	Oct. 10, 2025	Oct. 09, 2026
8	Amplifier (30-1000MHz)	EM Electronics	EM330 Amplifier	60747	N/A	Sep. 28, 2025	Sep. 27, 2026
9	Amplifier (1GHz-26.5GHz)	HuiPu	8449B	3008A00315	N/A	Sep. 29, 2025	Sep. 28, 2026
10	Amplifier (500MHz-40GHz)	QuanJuDa	DLE-161	097	N/A	Sep. 29, 2025	Sep. 28, 2026
11	Test Cable	N/A	R-01	N/A	N/A	Sep. 29, 2025	Sep. 28, 2026
12	Test Cable	N/A	R-02	N/A	N/A	Sep. 29, 2025	Sep. 28, 2026
13	Test Cable	N/A	R-03	N/A	N/A	Sep. 29, 2025	Sep. 28, 2026
14	D.C. Power Supply	LongWei	TPR-6405D	N/A	N/A	\	\
15	EMC Software	Frad	EZ-EMC	Ver.EMC-CON 3A1.1	N/A	\	\
16	Turntable	MF	MF-7802BS	N/A	N/A	\	\
17	Antenna tower	MF	MF-7802BS	N/A	N/A	\	\

3. CONDUCTED EMISSION AT THE MAINS TERMINALS TEST

3.1 Block Diagram Of Test Setup



3.2 Test Standard

J55032 (H29)

3.3 Power Line Conducted Emission Limit

Frequency MHz	Limits dB(μV)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66 ~ 56*	59 ~ 46*
0.50 ~ 5.00	56	46
5.00 ~ 30.00	60	50

Notes: *1. Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

3.4 EUT Configuration on Test

The following equipment are installed on conducted emission test to meet J55015(H29) requirement and operating in a manner which tends to maximize its emission characteristics in a normal application.

3.5 Operating Condition of EUT

3.5.1 Setup the EUT and simulators as shown in Section 3.1.
3.5.2 Turn on the power of all equipment.
3.5.3 Let the EUT work in test modes and test it.

3.6 Test Procedure

The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 Ohm/ 50uH of couplingimpedance for the measuring instrument.

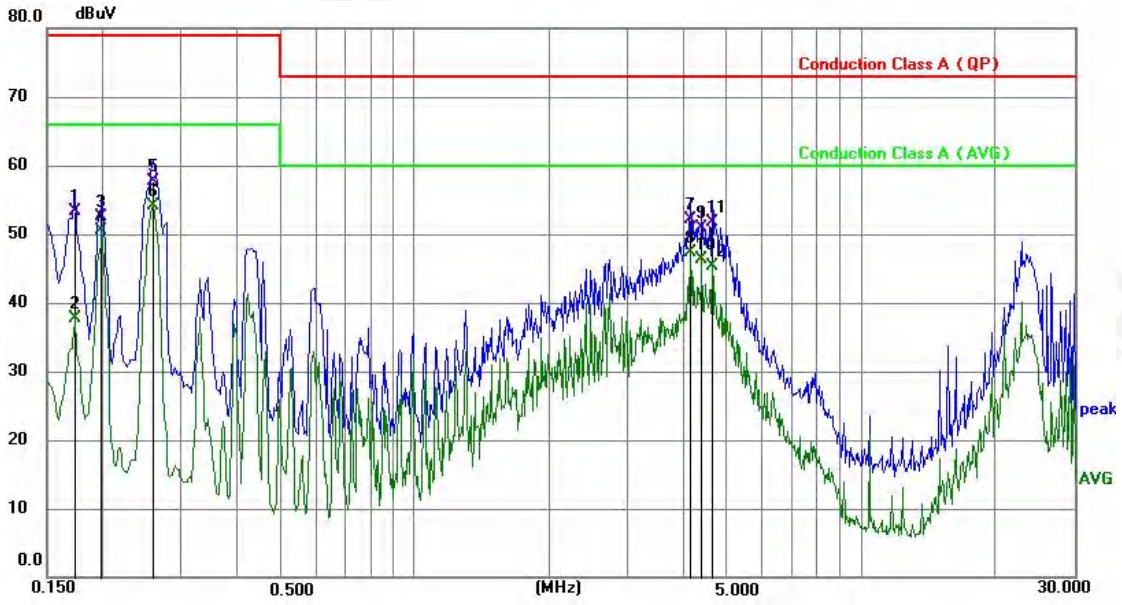
The bandwidth of the test receiver (R&S Test Receiver ESCI) is set at 10kHz.

The frequency range from 150 KHz to 30 MHz is investigated.

3.7 Test Result

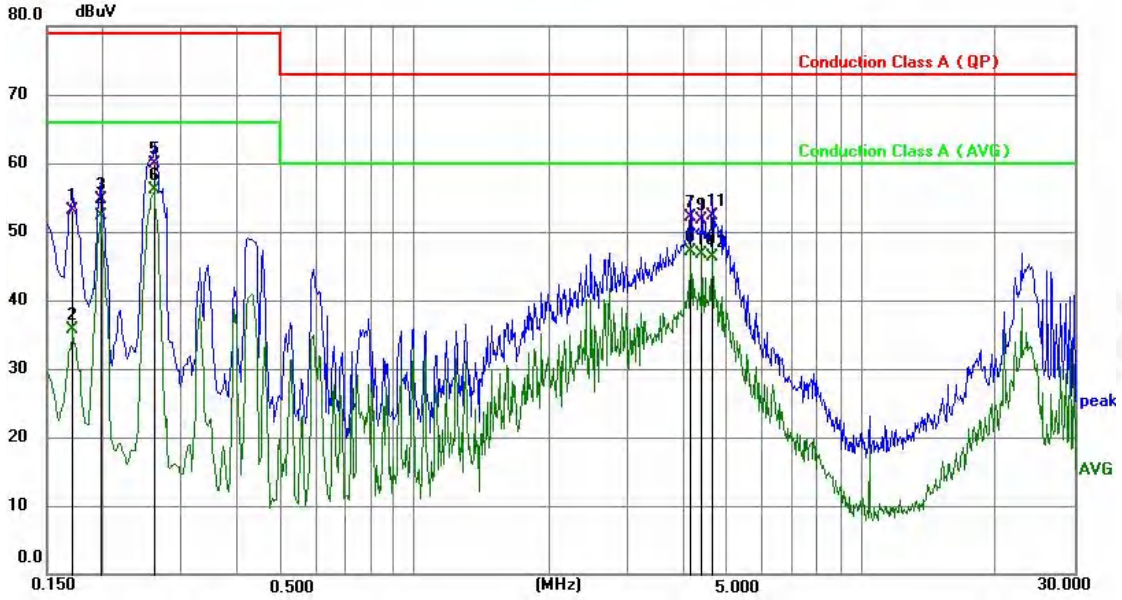
PASS
Please refer to the following page.Only the Worst-case test mode is shown in the report.

Conducted Emission At The Mains Terminals Test Data			
Temperature:	23.3℃	Relative Humidity:	54%
Pressure:	1012hPa	Phase :	Live
Test Voltage :	AC 100V/60Hz	Test Mode:	Working mode



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1723	43.43	9.90	53.33	79.00	-25.67	QP	P	
2	0.1723	27.87	9.90	37.77	66.00	-28.23	AVG	P	
3	0.1985	42.61	9.91	52.52	79.00	-26.48	QP	P	
4	0.1985	40.56	9.91	50.47	66.00	-15.53	AVG	P	
5	0.2580	47.87	9.93	57.80	79.00	-21.20	QP	P	
6 *	0.2580	44.16	9.93	54.09	66.00	-11.91	AVG	P	
7	4.1505	41.99	10.10	52.09	73.00	-20.91	QP	P	
8	4.1505	37.15	10.10	47.25	60.00	-12.75	AVG	P	
9	4.3980	40.72	10.10	50.82	73.00	-22.18	QP	P	
10	4.3980	36.14	10.10	46.24	60.00	-13.76	AVG	P	
11	4.6455	41.66	10.11	51.77	73.00	-21.23	QP	P	
12	4.6455	35.28	10.11	45.39	60.00	-14.61	AVG	P	

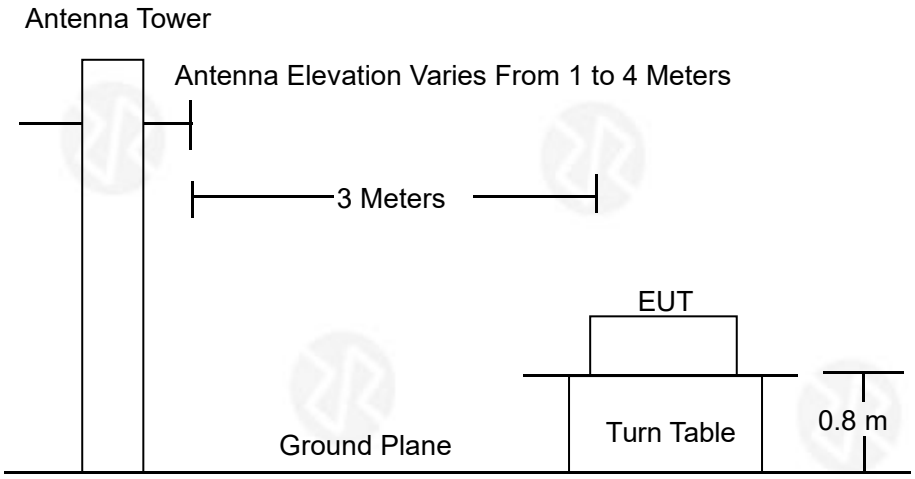
Conducted Emission At The Mains Terminals Test Data			
Temperature:	23.3℃	Relative Humidity:	54%
Pressure:	1012hPa	Phase :	Neutral
Test Voltage :	AC 100V/60Hz	Test Mode:	Working mode



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1712	43.20	9.90	53.10	79.00	-25.90	QP	P	
2	0.1712	25.90	9.90	35.80	66.00	-30.20	AVG	P	
3	0.1975	44.72	9.91	54.63	79.00	-24.37	QP	P	
4	0.1975	42.37	9.91	52.28	66.00	-13.72	AVG	P	
5	0.2602	50.07	9.93	60.00	79.00	-19.00	QP	P	
6 *	0.2602	46.27	9.93	56.20	66.00	-9.80	AVG	P	
7	4.1505	42.10	10.10	52.20	73.00	-20.80	QP	P	
8	4.1505	36.92	10.10	47.02	60.00	-12.98	AVG	P	
9	4.3980	41.60	10.10	51.70	73.00	-21.30	QP	P	
10	4.3980	36.58	10.10	46.68	60.00	-13.32	AVG	P	
11	4.6455	42.10	10.11	52.21	73.00	-20.79	QP	P	
12	4.6455	36.12	10.11	46.23	60.00	-13.77	AVG	P	

4. RADIATED EMISSION TEST

4.1 Block Diagram of Test Setup



4.2 Test Standard

J55032 (H29)

4.3 Radiation Limit

Frequency MHz	Distance (Meters)	Field Strengths Limits dB(μV)/m
30 ～ 230	3	40.0
230 ～ 1000	3	47.0

Remark:

(1) Emission level (dB(μV)/m) = 20 log Emission level (μV/m)

(2) The smaller limit shall apply at the cross point between two frequency bands.

(3) Distance refers to the distance in meters between the measuring instrument, antenna and the closed point of any part of the device or system.

4.4 EUT Configuration on Test

The J55032 (H29) regulations test method must be used to find the maximum emission during radiated emission test.
The configuration of EUT is the same as used in conducted emission test.
Please refer to Section 2.2.

4.5 Operating Condition of EUT

Same as conducted emission test, which is listed in Section 2.2 except the test set up replaced as Section 4.1.

4.6 Test Procedure

The EUT and its simulators are placed on a turned table that is 0.8 meter above the ground. The turned table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna that is mounted on the antenna tower. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated biconical and log periodical antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on test. In order to find the maximum emission levels, the interface cable must be manipulated according to J55032 (H29) on radiated emission test.

The bandwidth setting on the field strength meter (R&S Test Receiver ESCI) is set at 120kHz.

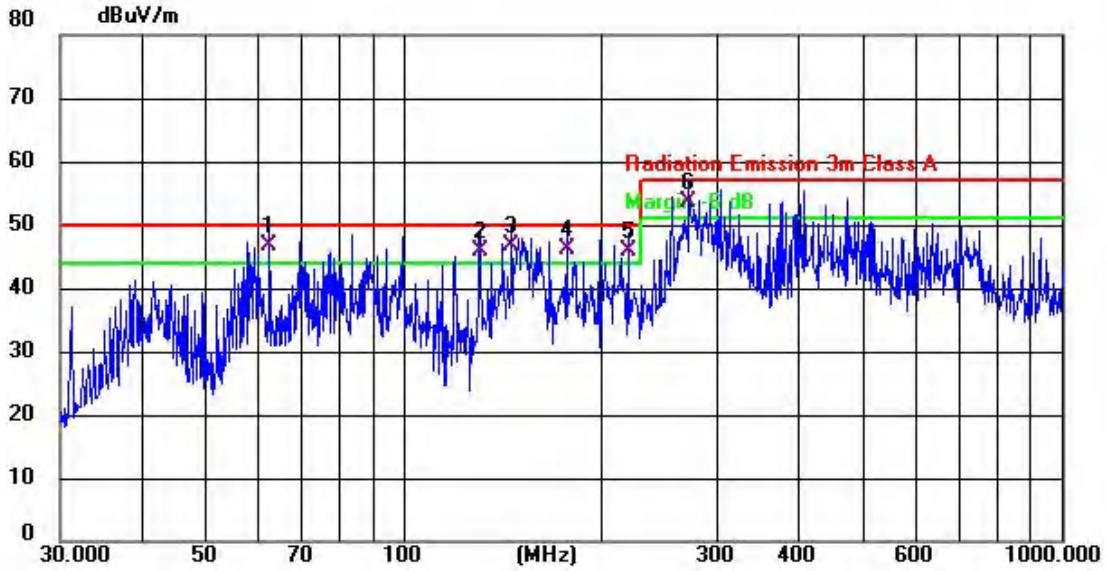
The frequency range from 30MHz to 1000MHz is checked.

4.7 Test Result

PASS

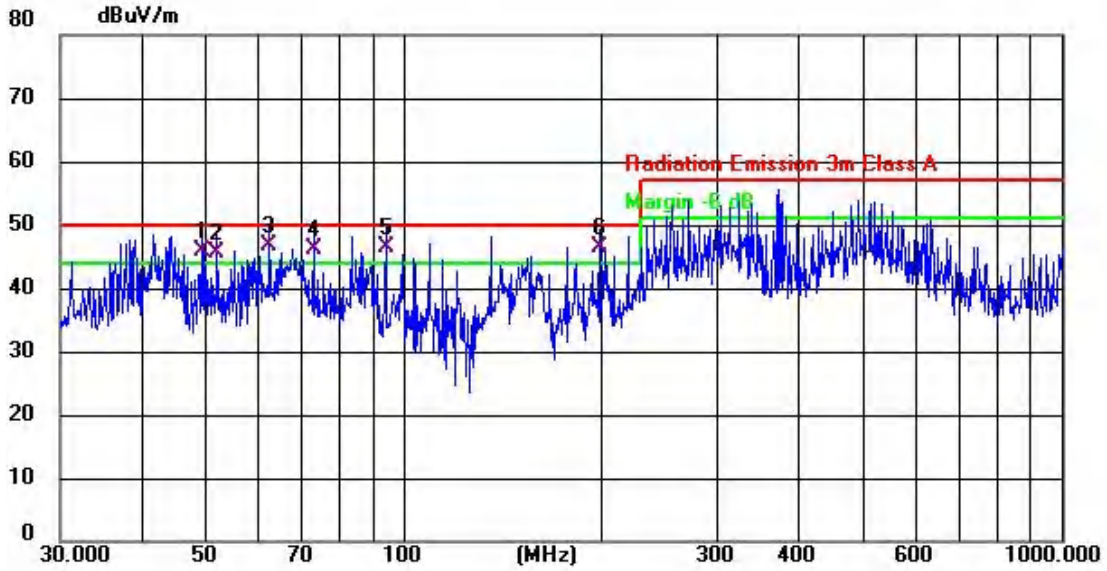
Please refer to the following page.Only the Worst-case test mode is shown in the report.

Radiation Emission Test Data			
Temperature:	26.1℃	Relative Humidity:	52%
Pressure:	1014hPa	Phase :	Horizontal
Test Voltage :	AC 100V/60Hz	Test Mode:	Working mode



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 !	62.4313	56.86	-10.05	46.81	50.00	-3.19	QP			P	
2 !	130.3790	57.92	-12.09	45.83	50.00	-4.17	QP			P	
3 *	145.8610	59.60	-12.75	46.85	50.00	-3.15	QP			P	
4 !	176.8877	57.72	-11.47	46.25	50.00	-3.75	QP			P	
5 !	219.0752	55.13	-9.28	45.85	50.00	-4.15	QP			P	
6 !	271.3245	61.43	-7.75	53.68	57.00	-3.32	QP			P	

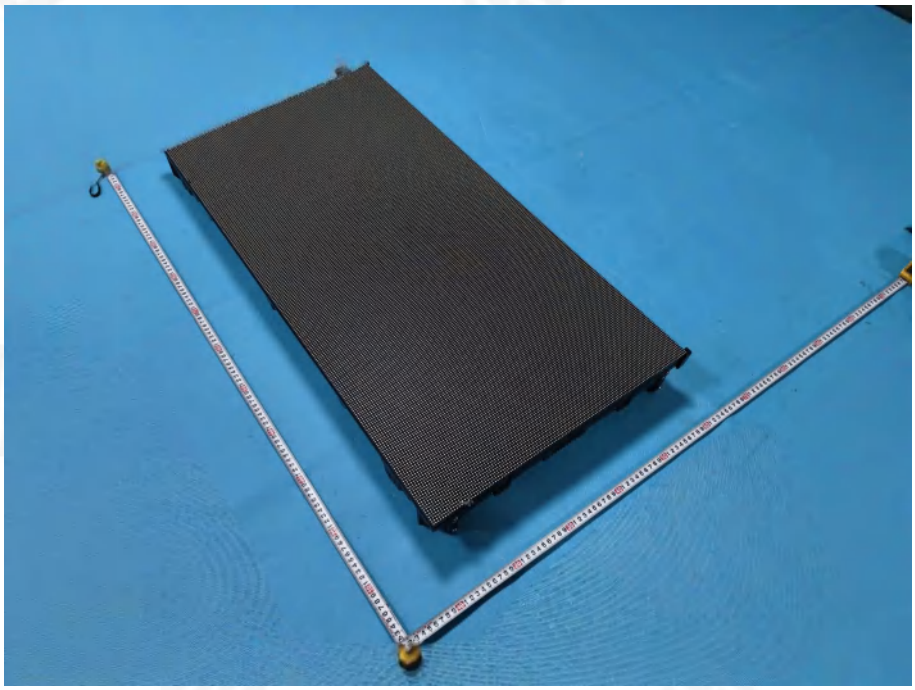
Radiation Emission Test Data			
Temperature:	26.1℃	Relative Humidity:	52%
Pressure:	1014hPa	Phase :	Vertical
Test Voltage :	AC 100V/60Hz	Test Mode:	Working mode



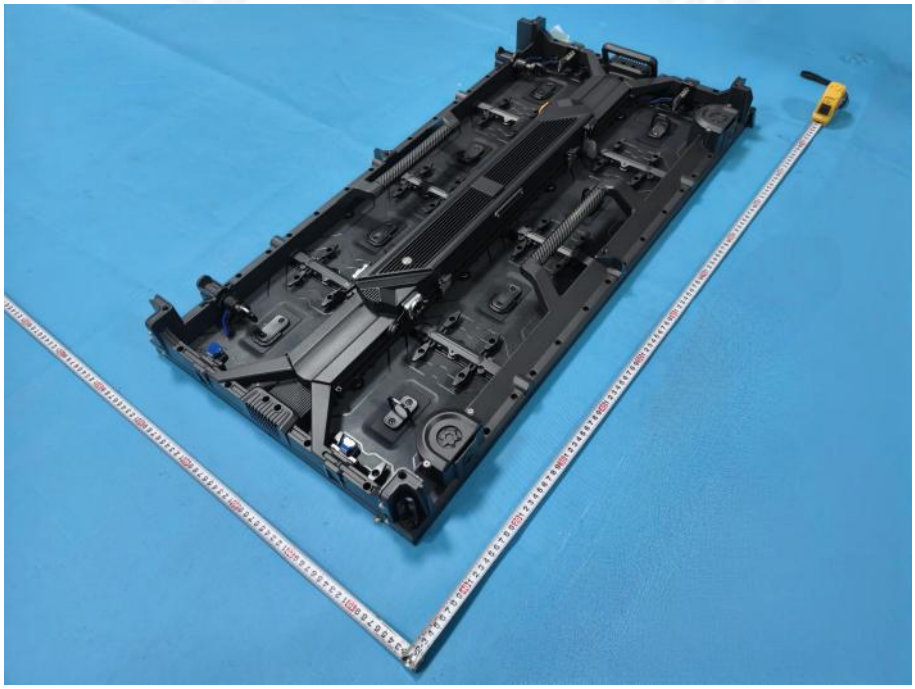
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 !	49.3594	54.19	-8.47	45.72	50.00	-4.28	QP			P	
2 !	52.0251	54.26	-8.62	45.64	50.00	-4.36	QP			P	
3 *	62.4313	56.86	-10.05	46.81	50.00	-3.19	QP			P	
4 !	72.8465	58.62	-12.40	46.22	50.00	-3.78	QP			P	
5 !	93.7682	57.40	-10.89	46.51	50.00	-3.49	QP			P	
6 !	197.8926	56.46	-10.13	46.33	50.00	-3.67	QP			P	

5. EUT PHOTOGRAPHS

EUT Photo 1

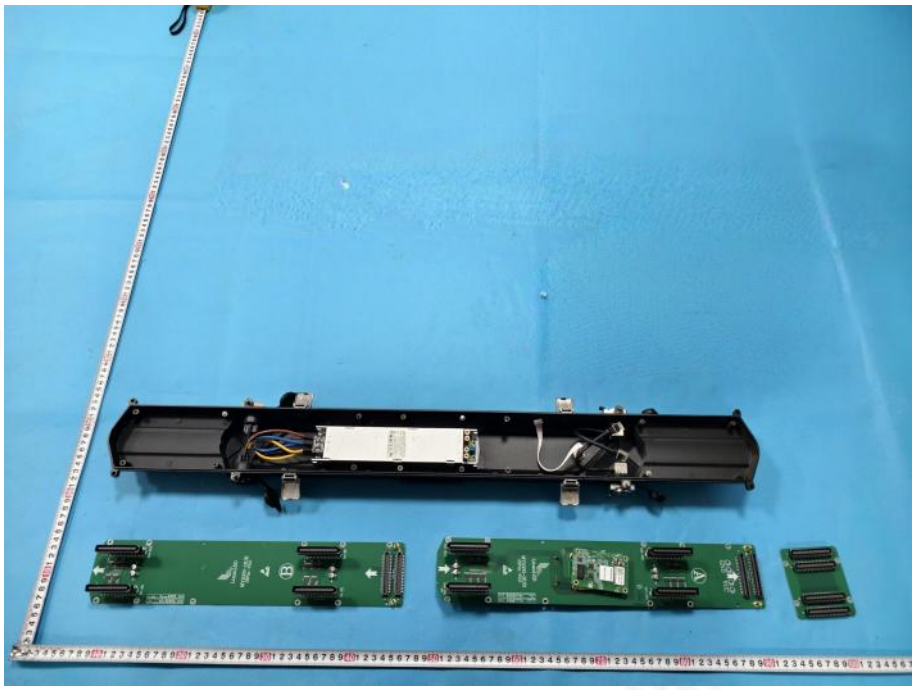


EUT Photo 2



EUT Photo 3

EUT Photo 4



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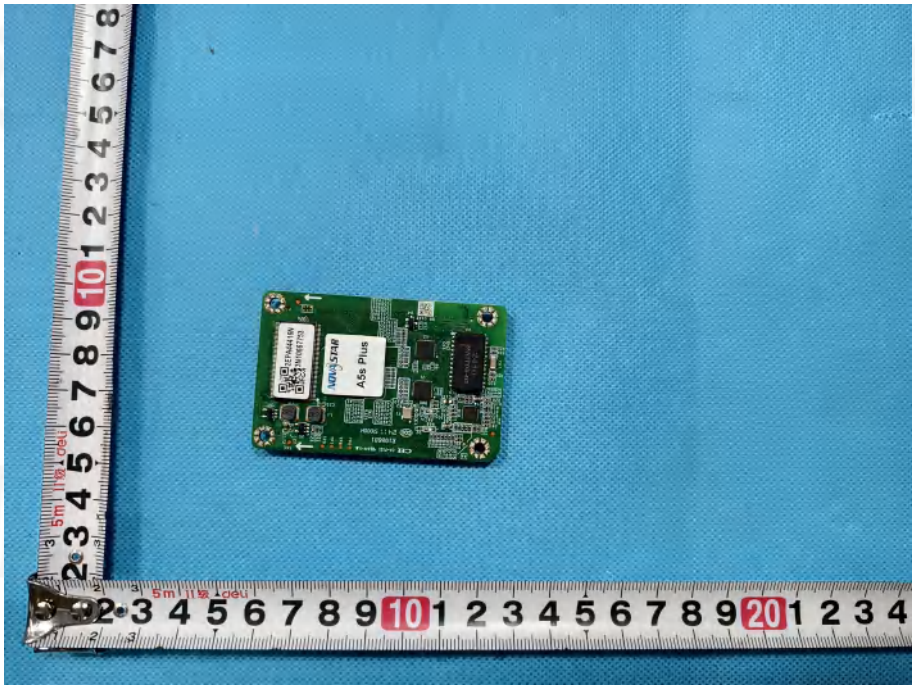

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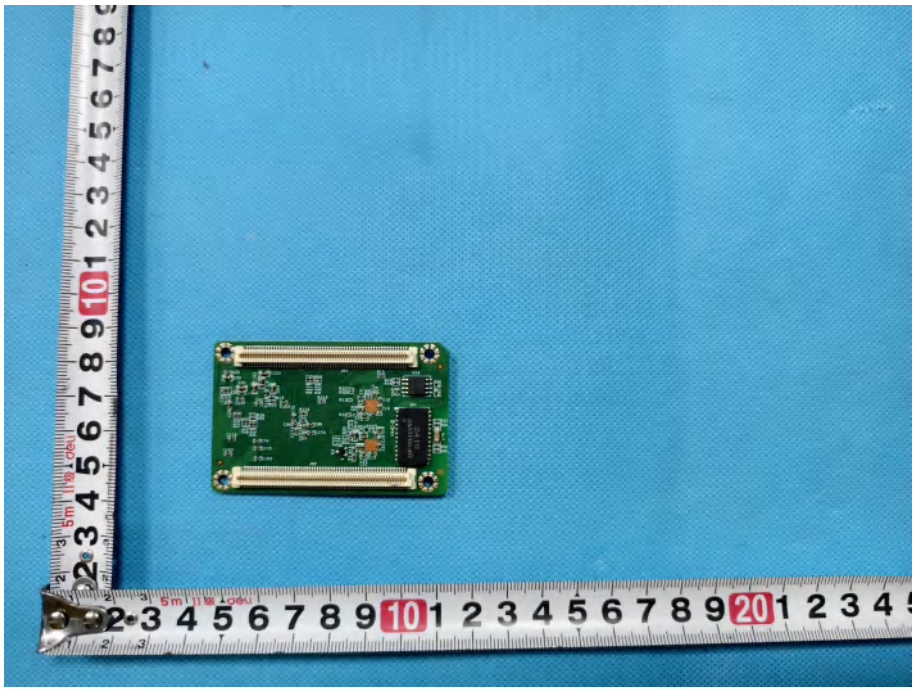
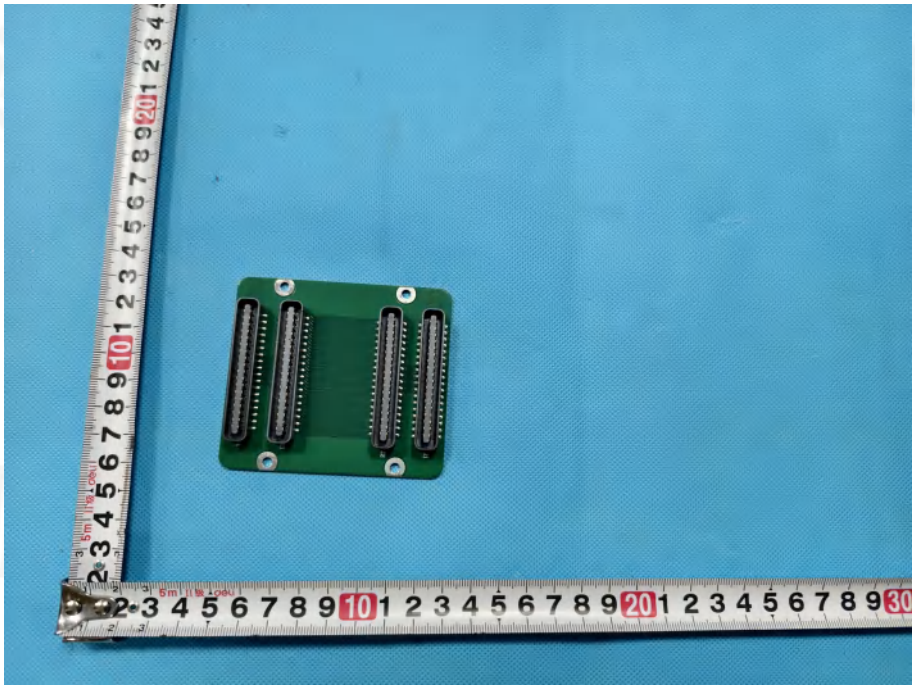
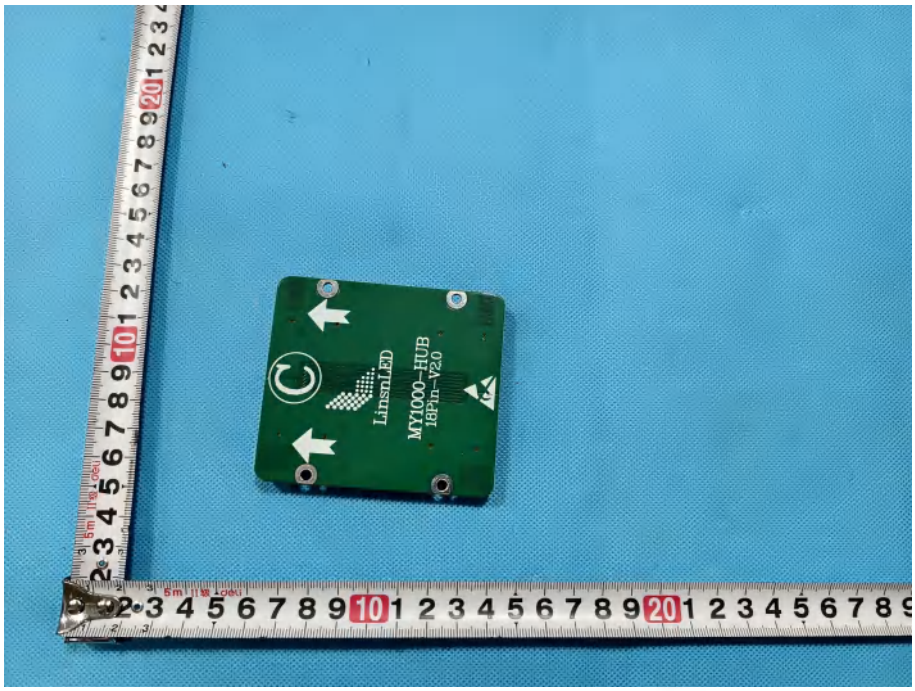


EUT Photo 7



EUT Photo 8



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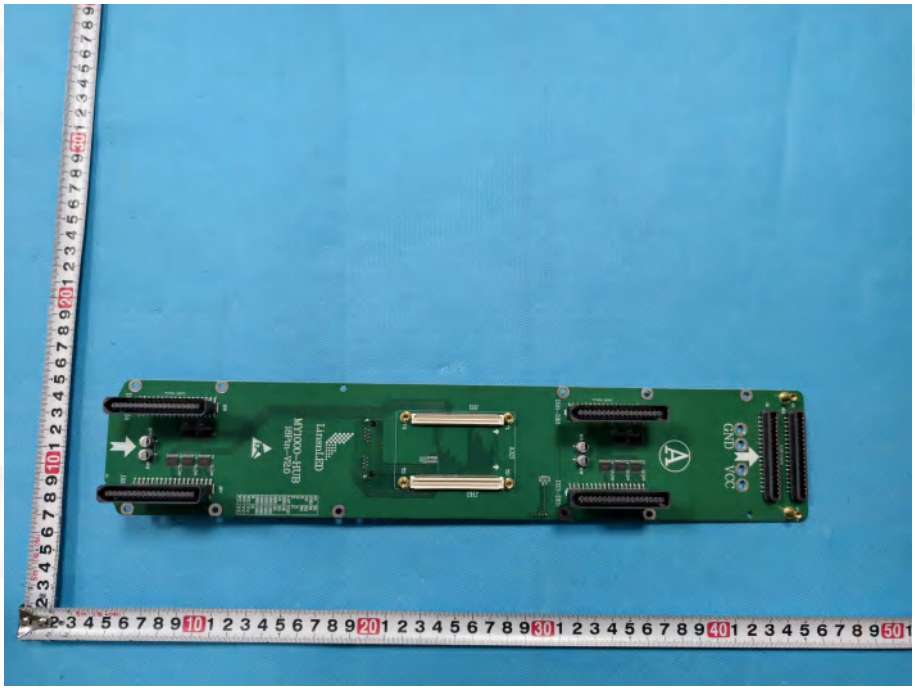
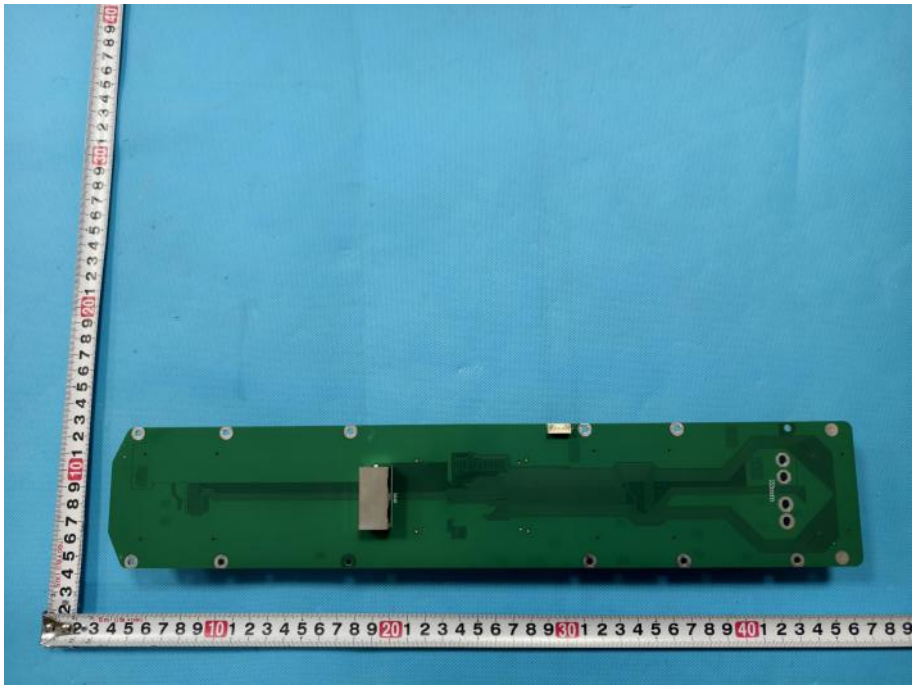
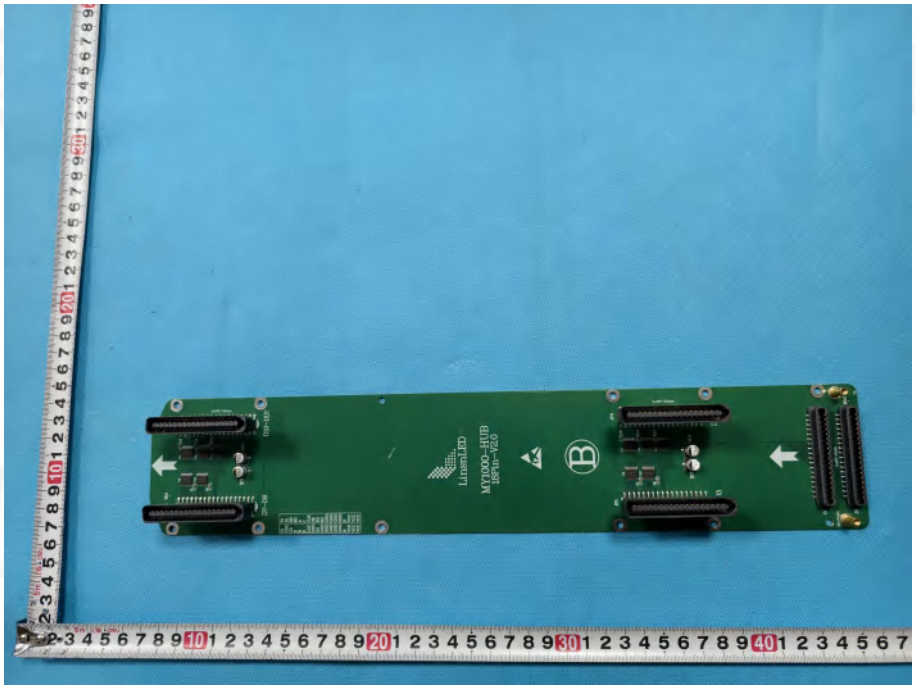


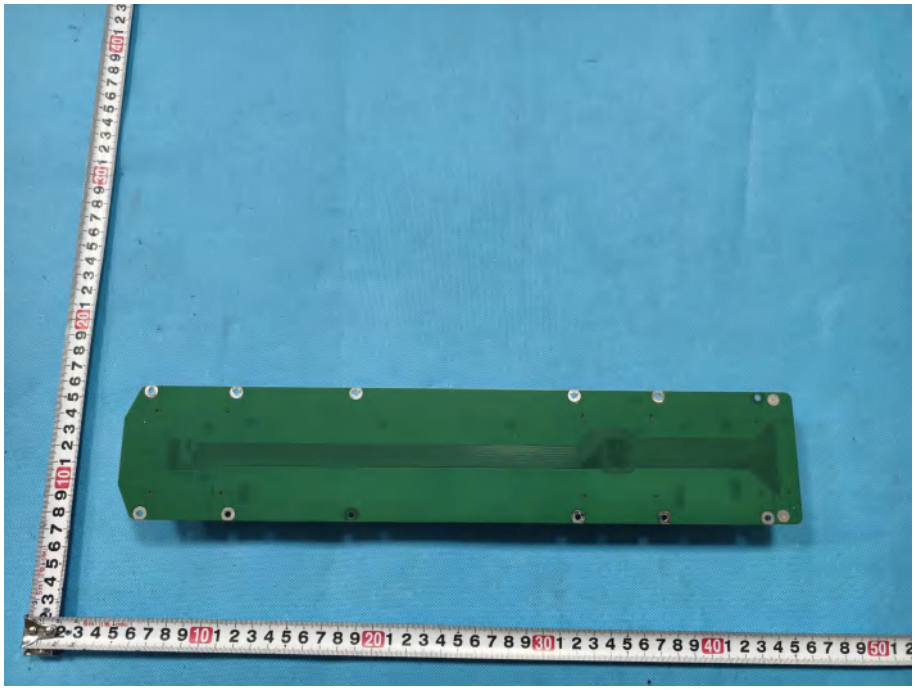
EUT Photo 10



EUT Photo 11

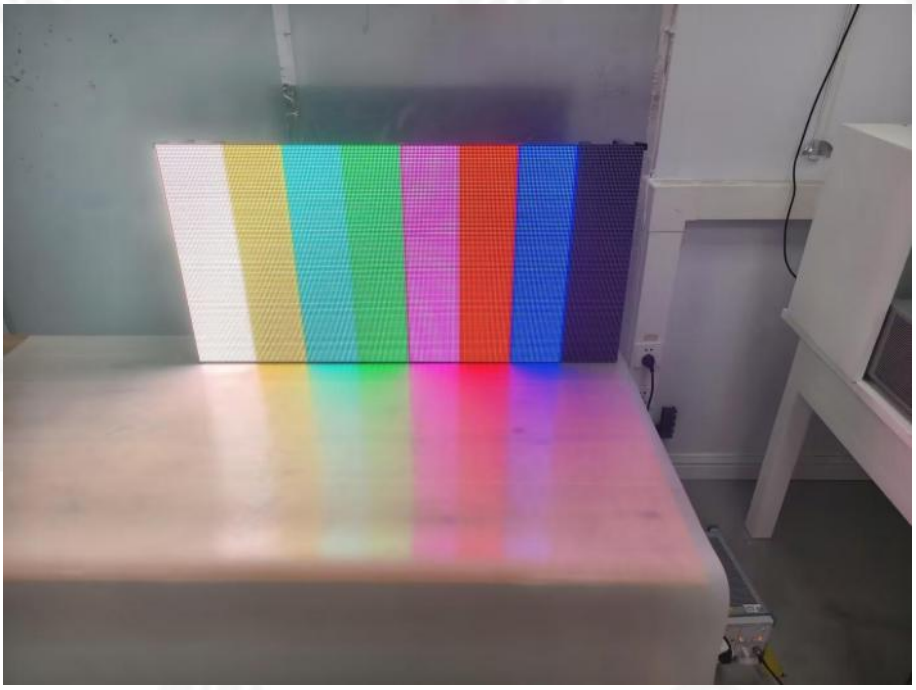


EUT Photo 12

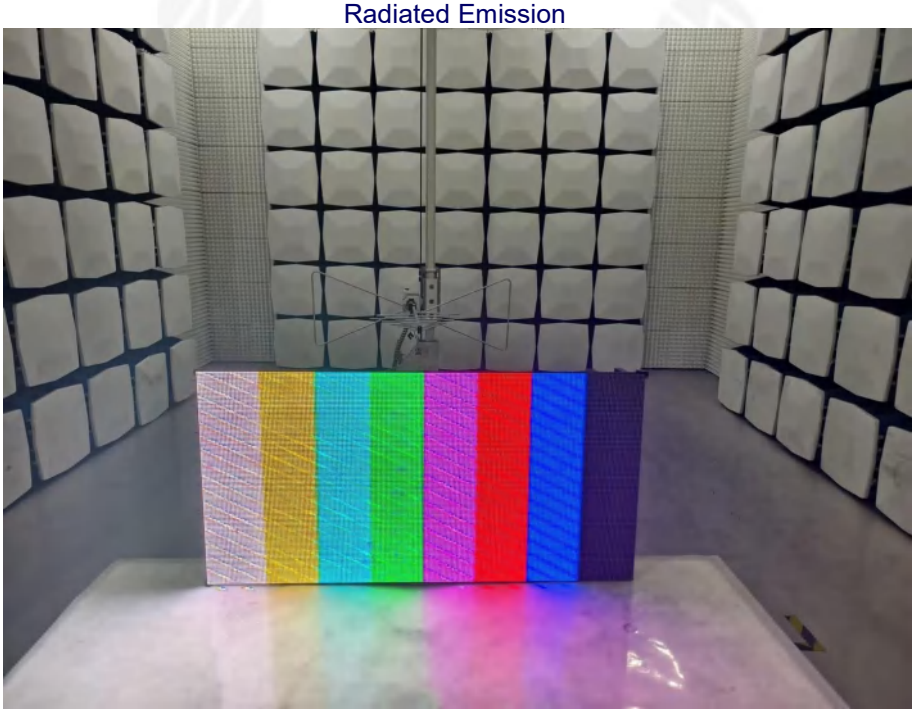


6. TEST SETUP PHOTOS

Conducted Emission



Radiated Emission



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