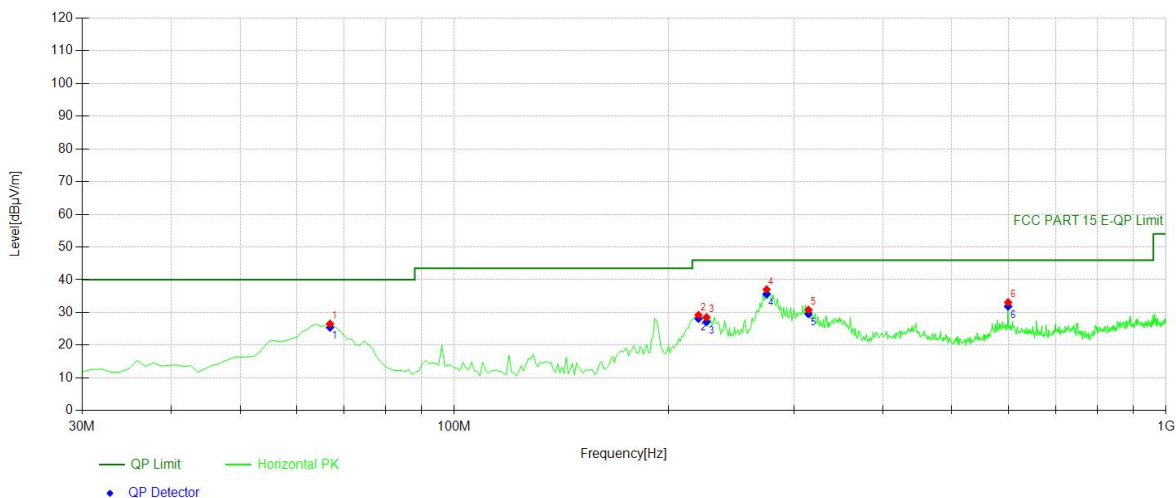




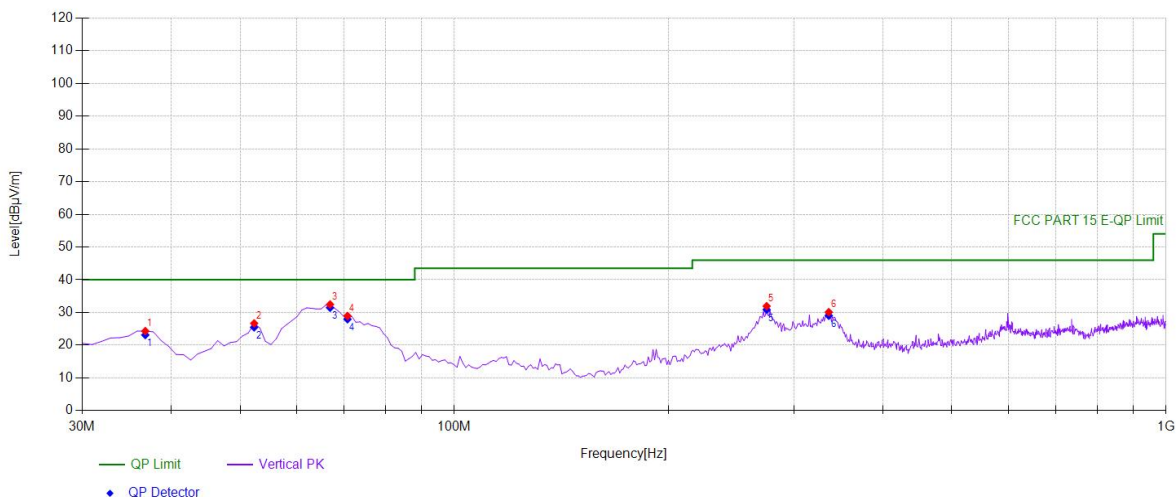
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	66.8969	39.55	-13.01	26.54	PK	40.00	13.46	Horizontal
2	220.310	40.29	-11.07	29.22	PK	46.00	16.78	Horizontal
3	226.136	39.41	-10.87	28.54	PK	46.00	17.46	Horizontal
4	274.684	46.63	-9.59	37.04	PK	46.00	8.96	Horizontal
5	314.494	38.82	-8.02	30.80	PK	46.00	15.20	Horizontal
6	599.96	33.37	-0.27	33.10	PK	46.00	12.90	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	66.8969	-13.01	25.43	40.00	14.57
2	220.3103	-11.07	28.11	46.00	17.89
3	226.1361	-10.87	27.11	46.00	18.89
4	274.6847	-9.59	35.61	46.00	10.39
5	314.4945	-8.02	29.55	46.00	16.45
6	599.96	-0.27	31.85	46.00	14.15

Mode:	11A 5785
-------	----------

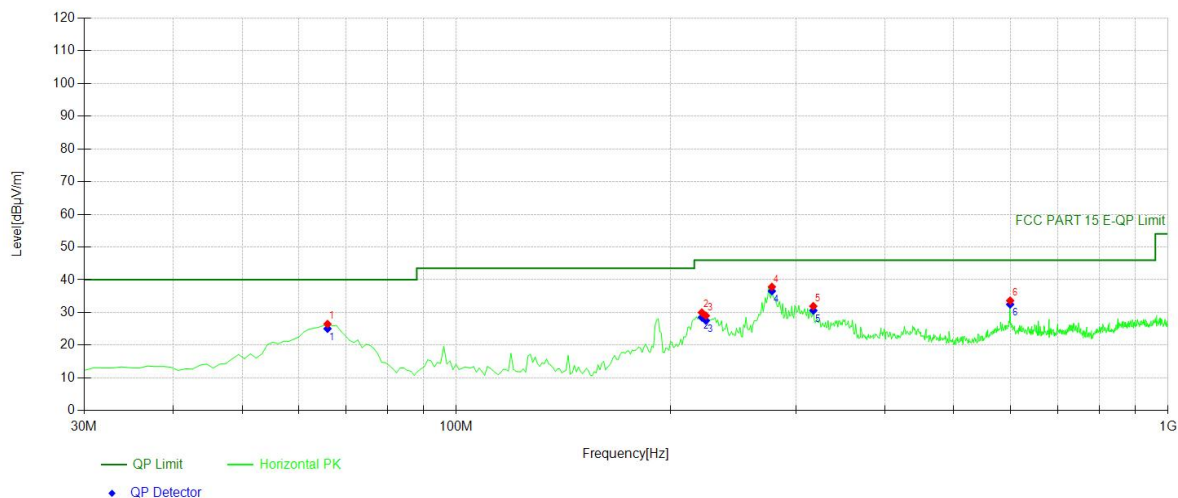


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	36.7968	37.07	-12.75	24.32	PK	40.00	15.68	Vertical
2	52.3323	37.64	-10.97	26.67	PK	40.00	13.33	Vertical
3	66.8969	45.47	-13.01	32.46	PK	40.00	7.54	Vertical
4	70.7808	42.52	-13.58	28.94	PK	40.00	11.06	Vertical
5	274.684	41.54	-9.59	31.95	PK	46.00	14.05	Vertical
6	335.855	36.97	-6.85	30.12	PK	46.00	15.88	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	36.7968	-12.75	23.14	40.00	16.86
2	52.3323	-10.97	25.49	40.00	14.51
3	66.8969	-13.01	31.46	40.00	8.54
4	70.7808	-13.58	27.94	40.00	12.06
5	274.6847	-9.59	30.86	46.00	15.14
6	335.8559	-6.85	29.03	46.00	16.97



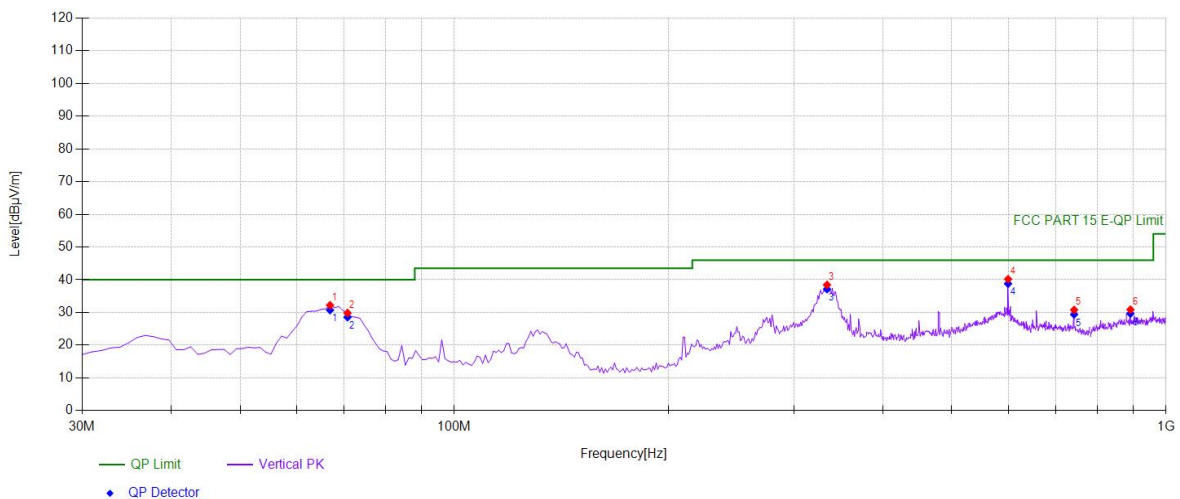
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	65.9259	39.35	-12.88	26.47	PK	40.00	13.53	Horizontal
2	221.281	41.04	-11.04	30.00	PK	46.00	16.00	Horizontal
3	224.194	39.97	-10.94	29.03	PK	46.00	16.97	Horizontal
4	277.597	47.28	-9.44	37.84	PK	46.00	8.16	Horizontal
5	317.407	39.94	-8.01	31.93	PK	46.00	14.07	Horizontal
6	599.96	33.89	-0.27	33.62	PK	46.00	12.38	Horizontal

Final Data List

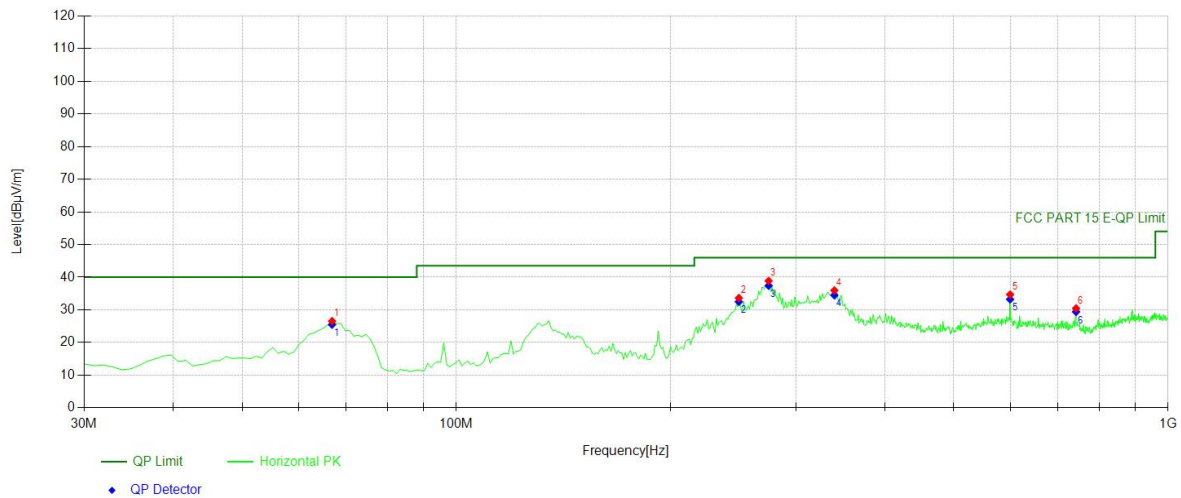
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	65.9259	-12.88	25.06	40.00	14.94
2	221.2813	-11.04	28.51	46.00	17.49
3	224.1942	-10.94	27.54	46.00	18.46
4	277.5976	-9.44	36.53	46.00	9.47
5	317.4074	-8.01	30.62	46.00	15.38
6	599.96	-0.27	32.49	46.00	13.51

Mode:	11A 5825
-------	----------



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	66.8969	45.23	-13.01	32.22	PK	40.00	7.78	Vertical
2	70.7808	43.44	-13.58	29.86	PK	40.00	10.14	Vertical
3	333.913	45.45	-7.00	38.45	PK	46.00	7.55	Vertical
4	599.96	40.47	-0.27	40.20	PK	46.00	5.80	Vertical
5	742.692	30.49	0.31	30.80	PK	46.00	15.20	Vertical
6	891.251	28.49	2.38	30.87	PK	46.00	15.13	Vertical

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	66.8969	-13.01	30.73	40.00	9.27
2	70.7808	-13.58	28.55	40.00	11.45
3	333.9139	-7.00	37.14	46.00	8.86
4	599.96	-0.27	38.80	46.00	7.20
5	742.6927	0.31	29.40	46.00	16.60
6	891.2513	2.38	29.65	46.00	16.35



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	66.8969	39.58	-13.01	26.57	PK	40.00	13.43	Horizontal
2	249.439	44.01	-10.37	33.64	PK	46.00	12.36	Horizontal
3	274.684	48.47	-9.59	38.88	PK	46.00	7.12	Horizontal
4	339.739	42.53	-6.57	35.96	PK	46.00	10.04	Horizontal
5	599.96	34.97	-0.27	34.70	PK	46.00	11.30	Horizontal
6	742.692	30.15	0.31	30.46	PK	46.00	15.54	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	66.8969	-13.01	25.50	40.00	14.50
2	249.4394	-10.37	32.49	46.00	13.51
3	274.6847	-9.59	37.41	46.00	8.59
4	339.7397	-6.57	34.49	46.00	11.51
5	599.96	-0.27	33.23	46.00	12.77
6	742.6927	0.31	29.41	46.00	16.59

8.5 POWER LINE CONDUCTED EMISSIONS

8.5.1 Applicable Standard

According to FCC Part 15.207(a)

According to IC RSS-Gen 8.8

8.5.2 Conformance Limit

Frequency(MHz)	Conducted Emission Limit	
	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50

Note: 1. The lower limit shall apply at the transition frequencies

2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

8.5.3 Test Configuration

Test according to clause 6.3 conducted emission test setup

8.5.4 Test Procedure

The EUT was placed on a table which is 0.8m above ground plane.

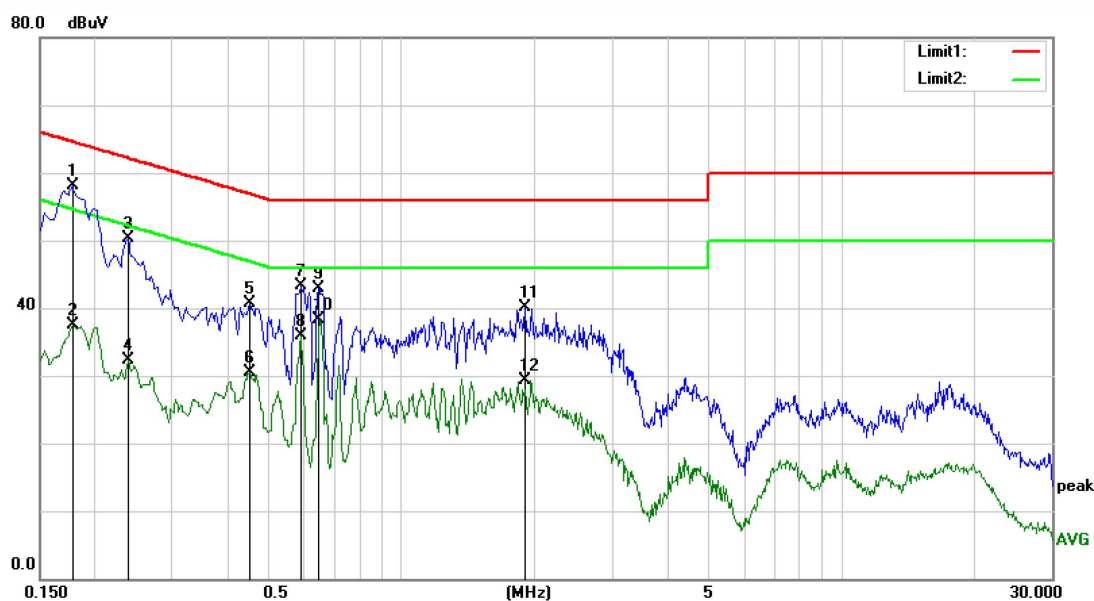
Maximum procedure was performed on the highest emissions to ensure EUT compliance.

Repeat above procedures until all frequency measured were complete.

8.5.5 Test Results

Pass

The AC120V &240V voltage have been tested, and the worst result recorded was report as below:



Site Conduction #1

Phase: **N**

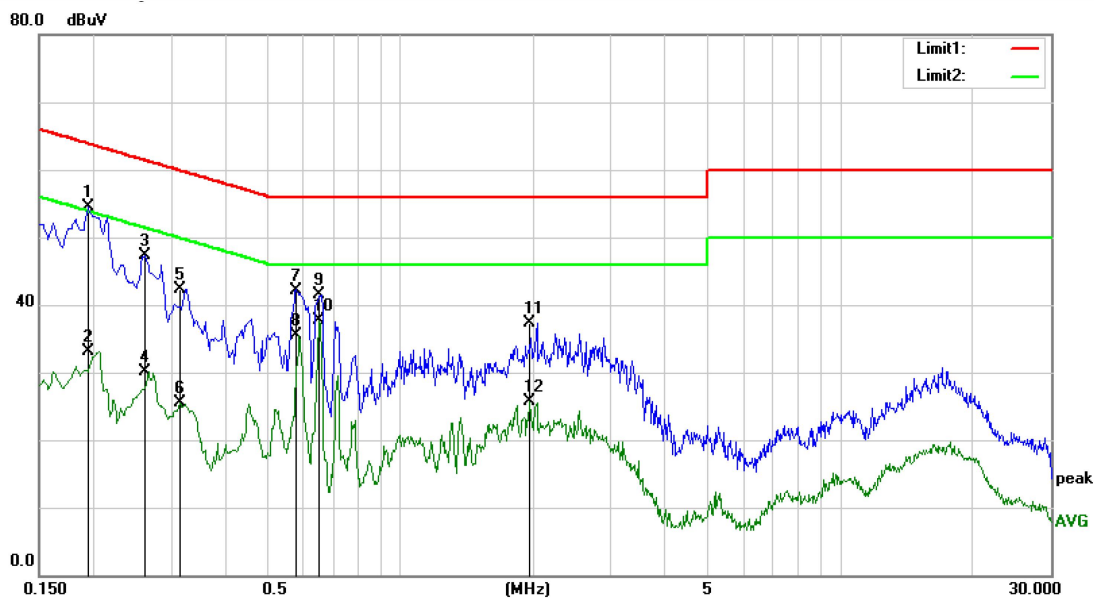
Temperature: 21.9

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 65 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1780	48.37	9.70	58.07	64.58	-6.51	QP	
2		0.1780	27.85	9.70	37.55	54.58	-17.03	AVG	
3		0.2380	40.58	9.67	50.25	62.17	-11.92	QP	
4		0.2380	22.69	9.67	32.36	52.17	-19.81	AVG	
5		0.4500	31.03	9.65	40.68	56.88	-16.20	QP	
6		0.4500	20.85	9.65	30.50	46.88	-16.38	AVG	
7		0.5900	33.59	9.70	43.29	56.00	-12.71	QP	
8		0.5900	26.28	9.70	35.98	46.00	-10.02	AVG	
9		0.6460	33.20	9.74	42.94	56.00	-13.06	QP	
10		0.6460	28.65	9.74	38.39	46.00	-7.61	AVG	
11		1.8980	30.28	9.82	40.10	56.00	-15.90	QP	
12		1.8980	19.50	9.82	29.32	46.00	-16.68	AVG	



Site Conduction #1 Phase: **L1** Temperature: 21.9
Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 65 %

No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	0.1940	44.72	9.74	54.46	63.86	-9.40	QP	
2	0.1940	23.31	9.74	33.05	53.86	-20.81	AVG	
3	0.2620	37.63	9.61	47.24	61.37	-14.13	QP	
4	0.2620	20.56	9.61	30.17	51.37	-21.20	AVG	
5	0.3140	32.71	9.53	42.24	59.86	-17.62	QP	
6	0.3140	16.01	9.53	25.54	49.86	-24.32	AVG	
7	0.5780	32.51	9.69	42.20	56.00	-13.80	QP	
8	0.5780	25.75	9.69	35.44	46.00	-10.56	AVG	
9	0.6540	31.71	9.75	41.46	56.00	-14.54	QP	
10 *	0.6540	27.86	9.75	37.61	46.00	-8.39	AVG	
11	1.9620	27.55	9.83	37.38	56.00	-18.62	QP	
12	1.9620	15.92	9.83	25.75	46.00	-20.25	AVG	

8.6 ANTENNA APPLICATION

8.6.1 Antenna Requirement

Standard	Requirement
FCC CRF Part15.203	An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party 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. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.
FCC 47 CFR Part15.407(a)	If transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.
RSS-Gen Section 6.8	The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

8.6.2 Result

PASS.

- Note:
- ☒ Antenna use a permanently attached antenna which is not replaceable.
 - ☐ Not using a standard antenna jack or electrical connector for antenna replacement
 - ☐ The antenna has to be professionally installed (please provide method of installation)

Please refer to the attached document Internal Photos to show the antenna connector.

----- END OF REPORT -----

9 APPENDIX PHOTOGRAPHS OF EUT

Please refer to the file of External Photo and Internal Photo.



10 APPENDIX PHOTOGRAPHS OF TEST SETUP

Please refer to the file of Test Setup Photo.



声 明 Statement

1. 本报告无授权批准人签字及“检验检测专用章”无效；

This report is invalid without the signature of the authorized approver and the "special seal for testing".

2. 未经许可本报告不得部分复制；

This report shall not be copied partly without authorization.

3. 本报告的检测结果仅对送测样品有效，委托方对样品的代表性和资料的真实性负责；

The test results or observations are applicable only to tested sample. Client shall be responsible for representativeness of the samples and the authenticity of the material.

4. 本检测报告中检测项目标注有特殊符号则该项目不在资质认定范围内，仅作为客户委托、科研、教学或内部质量控制等目的使用；

The observations or tests with special mark fall outside the scope of accreditation, and are only used for purpose of commission, research, training, internal quality control etc.

5. 本检测报告以实测值进行符合性判定，未考虑不确定度所带来的风险，本实验室不承担相关责任，特别约定、标准或规范中有明确规定的除外；

The test results or observations are provided in accordance with measured value, without taking risks caused by uncertainty into account. Without explicit stipulation in special agreements, standards or regulations, EMTEK shall not assume any responsibility.

6. 对本检验报告若有异议，请于收到报告之日起 20 日内提出。

Objections shall be raised within 20 days from the date receiving the report.