

Application for FCC Certificate
On Behalf of

Fujitsu Isotec Ltd.

Dot Matrix Printer

Model Number: DL3100

Additional Model: M33342A

FCC ID: KHZ021M33342A

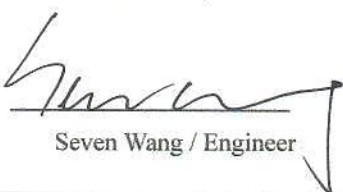
Applicant:	Fujitsu Isotec Ltd.
Address:	135 Higashi-Nozaki, Hobara-machi, Date-shi, Fukushima, 960-0695 JAPAN
Prepared By:	EST Technology Co., Ltd.
	Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong, China
Tel: 86-769-83081888-808	

Report Number:	ESTE-F1802018-1
Date of Test:	Oct. 27~Dec. 08, 2022
Date of Report:	Dec. 09, 2022

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EST Technology Co., Ltd.

Applicant:	Fujitsu Isotec Ltd.		
Address:	135 Higashi-Nozaki, Hobara-machi, Date-shi, Fukushima, 960-0695 JAPAN		
Manufacturer:	Fujitsu Isotec Ltd.		
Address:	135 Higashi-Nozaki, Hobara-machi, Date-shi, Fukushima, 960-0695 JAPAN		
Factory:	Jiangmen Dascom Computer Peripherals Co.,Ltd.		
Address:	No.399, Jin Xing Road, Jiang Hai District, Jiangmen City, Guang Dong Province, P.R. China		
E.U.T:	Dot Matrix Printer		
Model Number:	DL3100		
Additional Model:	M33342A Note: DL3100 and M33342A are identical except model name only.		
Trade Name:	-----	Serial No.:	-----
Date of Receipt:	Oct. 27, 2022	Date of Test:	Oct. 27~Dec. 08, 2022
Test Specification:	FCC Rules and Regulations Part 15 Subpart B:2018 ANSI C63.4:2014		
Test Result:	The device described above is tested by EST Technology Co., Ltd.. The measurement results were contained in this test report and EST Technology Co., Ltd. was assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the FCC Rules and Regulations Part 15 Subpart B requirements. This report applies to above tested sample only and shall not be reproduced in part without written approval of EST Technology Co., Ltd.		
Prepared by:		Reviewed by:	
 Ring Yang / Assistant		 Seven Wang / Engineer	
		 Iceman Hu / Manager	
Other Aspects: This report base on the previous report with report number: ESTE-F1802018, Description of change(s):			
1. Add one alternative main board, the new board is same with original main board except for the DC-DC circuit; 2. Add one alternative source for Carriage motor and Paper transport motor. 3. Add a metal roller bracket to the external enclosure.			
Abbreviations: OK/P=passed fail/F=failed n.a/N=not applicable E.U.T=equipment under tested			
This test report is based on a single evaluation of one sample of above mentioned products ,It is not permitted to be duplicated in extracts without written approval of EST Technology Co., Ltd.			

1. GENERAL PRODUCT INFORMATION

1.1. Product Function

Refer to Technical Construction Form and User Manual.

1.2. Description of Device (EUT)

Description	:	Dot Matrix Printer
Model No.	:	DL3100
System Input Voltage	:	AC100-120V, 50-60Hz 1.5A

1.3. Difference between Model Numbers

Note: DL3100 and M33342A are identical except model name only.

1.4. Independent Operation Modes

Conducted Modes

1	LPT Mode	
2	USB Mode	Worst case
3	COM Mode	
4	LAN Mode	

Radiated Modes

30MHz~1GHz

1	LPT Mode	
2	USB Mode	
3	COM Mode	Worst case
4	LAN Mode	

Above 1GHz

1	LPT Mode	
2	USB Mode	Worst case
3	COM Mode	
4	LAN Mode	

2. SUMMARY OF TEST

2.1. Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below

Description of Test Item	Standard	Limits	Results
Conducted disturbance at mains terminals	FCC Rules and Regulations Part 15 Subpart B:2017 ANSI C63.4:2014	15.107(a) Class B	PASS
		Minimum passing margin is 5.65dB at 0.21MHz	
Radiated Emission Test	FCC Rules and Regulations Part 15 Subpart B:2017 ANSI C63.4:2014	15.109(a) Class B	PASS
		Minimum passing margin is 13.03dB at 61.04MHz for 30-1000MHz; Minimum passing margin is 12.22dB at 5870MHz for above 1GHZ;	

2.2. Test Facilities

: Certificated by CNAS, CHINA
Registration No.: L5288
This Certificate is valid until: November 12, 2023

Certificated by FCC, USA
Designation Number: CN1215
This Certificate is valid until: January 31, 2024

Certificated by A2LA, USA
Registration No.: 4366.01
This Certificate is valid until: January 31, 2024

Certificated by Industry Canada
CAB identifier No.: CN0035
This Certificate is valid until: January 31, 2024

Certificated by VCCI, Japan
Registration No.: C-14103; T-20073; R-13663;
R-20103; G-20097
Date of registration: Apr. 20, 2020
This Certificate is valid until: Apr. 19, 2023

Certificated by TUV Rheinland, Germany
Registration No.: UA 50413872 0001
Date of registration: July 31, 2018

Certificated by Intertek
Registration No.: 2011-RTL-L2-64
Date of registration: November 08, 2018

Name of Firm : EST Technology Co., Ltd.

Site Location : Chilingxiang, Qishantou, Santun, Houjie, Dongguan,
Guangdong, China

2.3. Measurement uncertainty

Test Item	Uncertainty
Uncertainty for Conduction emission test	$\pm 3.48\text{dB}$
Uncertainty for spurious emissions test (Below 30MHz)	$\pm 1.62\text{ dB}$
Uncertainty for spurious emissions test (30MHz-1GHz)	$\pm 4.60\text{ dB(Polarize: H)}$
	$\pm 4.68\text{ dB(Polarize: V)}$
Uncertainty for spurious emissions test (1GHz to 18GHz)	$\pm 4.96\text{dB}$

Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

2.4. Test Equipment List

For conducted emission test						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESCI3	EST-E071	LISAI	June 13,22	1 Year
Artificial Mains Network	Rohde & Schwarz	ENV216	EST-E002	LISAI	June 13,22	1 Year
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	EST-E003	LISAI	June 13,22	1 Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A

For radiated emissions test (30MHz-1000MHz)						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESR7	EST-E047	LISAI	June 13,22	1 Year
Bilog Antenna	Teseq	CBL 6111D	EST-E034	LISAI	June 13,22	1 Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A
30-1000MHz Cable	N/A	EST-002	N/A	N/A	N/A	N/A

For radiated emission test(Above 1000MHz)						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
Horn Antenna	SCHWARZB ECK	BBHA9120D	EST-E031	LISAI	June 13,22	1 Year
Horn Antenna	Com-Power	AHA-840	EST-E133	LISAI	June 13,22	1 Year
Low Noise Amplifier	RF	TRLA-01018 0G45N	EST-E142	LISAI	June 13,22	1 Year
Spectrum Analyzer	Rohde & Schwarz	FSV	EST-E069	LISAI	June 13,22	1 Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A
Above 1GHz Cable	N/A	EST-003	N/A	N/A	N/A	N/A

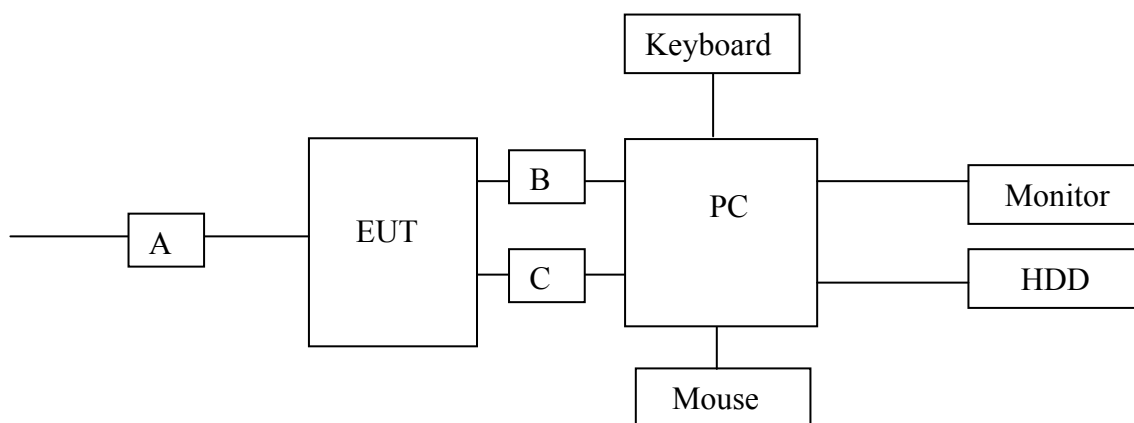
3. TEST SET-UP AND OPERATION MODES

3.1. Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the Operating Instructions.

3.2. Block Diagram of Test Set-up

System Diagram of Connections between EUT and Simulators



3.3. Special Accessories and Auxiliary Equipment

Equipment	Manufacturer/Brand	M/N	S/N
PC	DELL	OPTIPLEX380	--
Keyboard	DELL	L100	CN-0RH656-65890-01M-070T
Mouse	DELL	MOL5VO	JOQ03RNT
Monitor	ACER	V193HQV	ETLKR0D01404204 CDC8501
HDD	Apple	iPod/A1238	8K044D2Z9ZU

A	AC Line	Unshielded, Detachable 1.5m
B	USB Line	Unshielded, Detachable 1.5m
C	NET Line	Unshielded, Detachable 1.8m
	LPT Line	Shielded, Detachable 1.8m
	COM Line	Shielded Detachable 1.5m

3.4. Countermeasures to Achieve EMC Compliance

None.

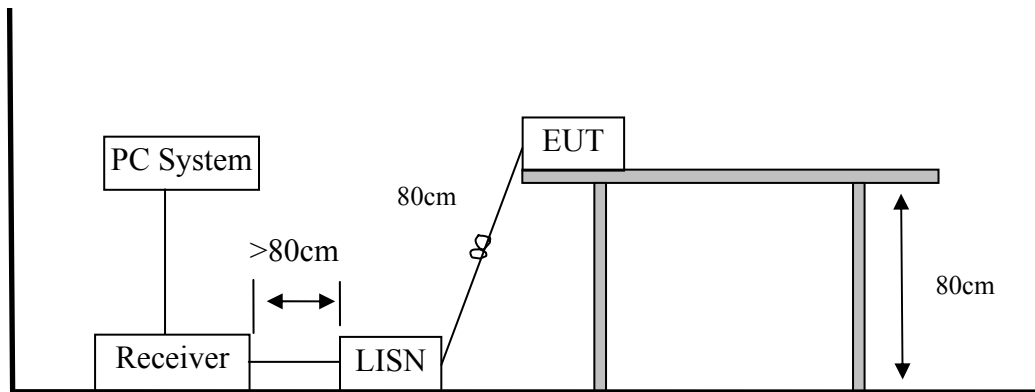
4. CONDUCTED EMISSIONS

4.1. Limit

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 ~ 56*	56 ~ 46*
0.5-5	56	46
5-30	60	50

Note: * Decreasing linearly with logarithm of frequency.

4.2. Test Setup



4.3. Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	9KHz
VBW	9KHz
Start frequency	150KHz
Stop frequency	30MHz
Sweep Time	Auto
Detector	QP/AVG
Trace Mode	Max Hold

4.4. Test Procedure

- a. The EUT was placed on a non-metallic table, 80cm above the ground plane.
- b. The EUT Power connected to the power mains through a line impedance stabilization network.
- c. Provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs).
- d. Configure EUT to operation mode.
- e. Spectrum analyzer setting parameters in accordance with section 4.3.
- f. The AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2014 on Conducted Emission Test.
- g. Record the results in the test report.

Note: The test data of the worst case condition(s) was reported

4.5. Test Result

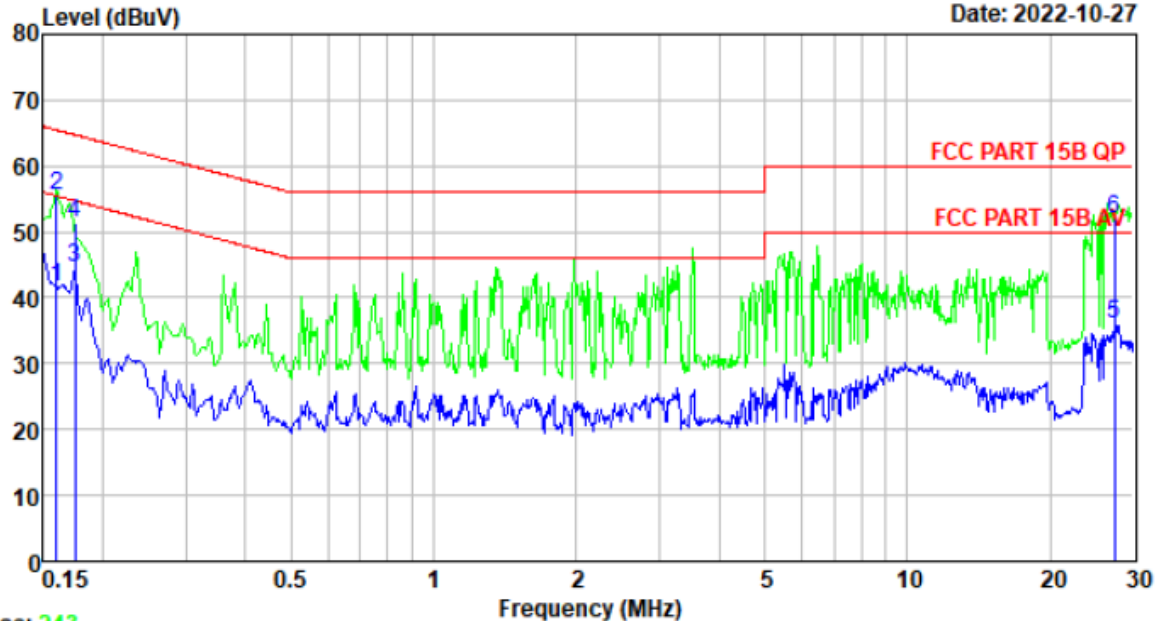
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Data: 264

File: \\EMC-CE-2\Test Data\2022\DI\De Shi .EM6 (278)

Date: 2022-10-27



Trace: 243

Site no : 1#CE Shield Room Data no. : 264
 Env. / Ins. : Temp:24.8°C Humi:55% Press:101.50kPa LINE Phase : LINE
 Limit : FCC PART 15B QP
 Engineer : XJF
 EUT : Dot Matrix Printer
 Power : AC 120V/60Hz
 M/N : DL3100
 Test Mode : LPT Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV)	Limits (dBUV)	Margin (dB)	Remark
1	0.16	9.66	9.69	22.17	41.52	55.47	13.95	Average
2	0.16	9.66	9.69	36.11	55.46	65.47	10.01	QP
3	0.17	9.67	9.77	25.02	44.46	54.72	10.26	Average
4	0.17	9.67	9.77	32.07	51.51	64.72	13.21	QP
5	27.42	9.78	10.16	16.14	36.08	50.00	13.92	Average
6	27.42	9.78	10.16	32.10	52.04	60.00	7.96	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

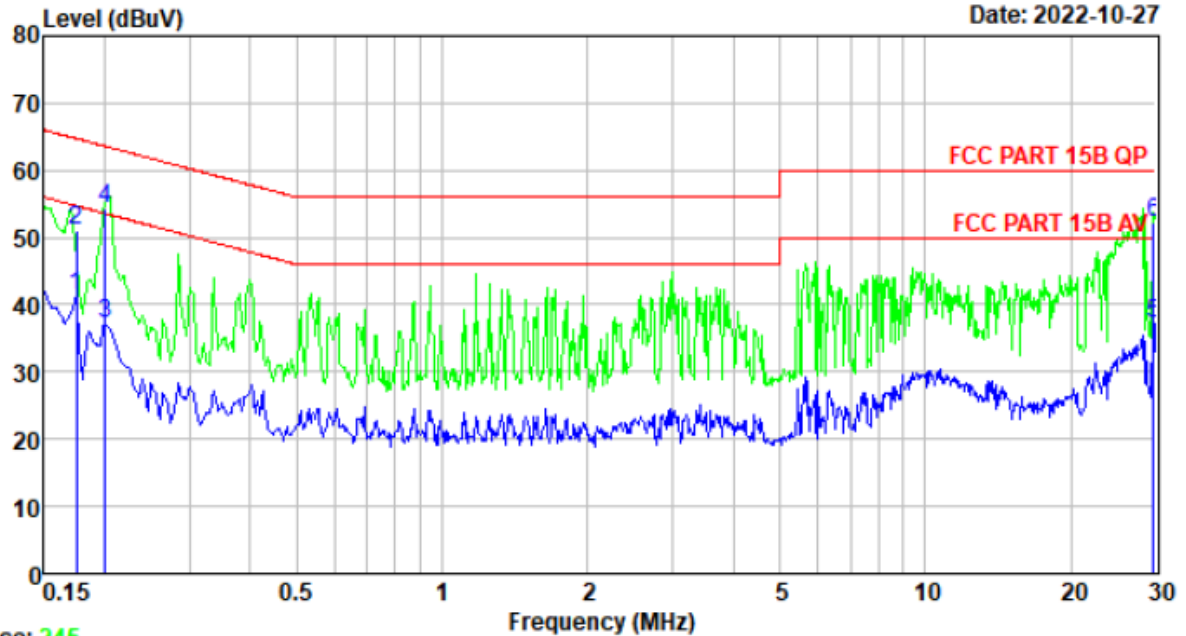
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Data: 266

File: \\EMC-CE-2\Test Data\2022\DI\De Shi .EM6 (278)

Date: 2022-10-27



Trace: 245

Site no : 1#CE Shield Room Data no. : 266
 Env. / Ins. : Temp:24.8°C Humi:55% Press:101.50kPa LINE Phase : NEUTRAL
 Limit : FCC PART 15B QP
 Engineer : XJF
 EUT : Dot Matrix Printer
 Power : AC 120V/60Hz
 M/N : DL3100
 Test Mode : LPT Mode

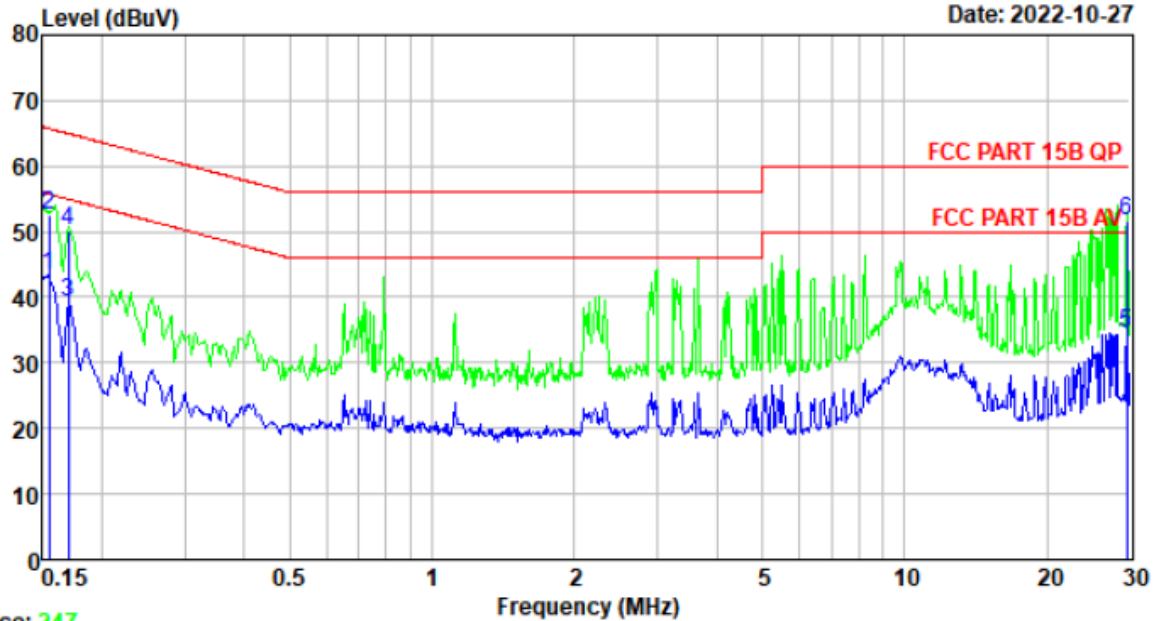
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.17	9.54	9.77	21.97	41.28	54.72	13.44	Average
2	0.17	9.54	9.77	31.91	51.22	64.72	13.50	QP
3	0.20	9.54	9.77	17.91	37.22	53.58	16.36	Average
4	0.20	9.54	9.77	34.97	54.28	63.58	9.30	QP
5	29.68	9.79	10.14	17.22	37.15	50.00	12.85	Average
6	29.68	9.79	10.14	32.27	52.20	60.00	7.80	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

Data: 268

File: \\EMC-CE-2\Test Data\2022\DI\De Shi .EM6 (278)

Date: 2022-10-27



Trace: 247

Site no : 1#CE Shield Room Data no. : 268
 Env. / Ins. : Temp:24.8°C Humi:55% Press:101.50kPa LINE Phase : NEUTRAL
 Limit : FCC PART 15B QP
 Engineer : XJF
 EUT : Dot Matrix Printer
 Power : AC 120V/60Hz
 M/N : DL3100
 Test Mode : COM Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	9.71	9.69	24.02	43.42	55.74	12.32	Average
2	0.15	9.71	9.69	33.07	52.47	65.74	13.27	QP
3	0.17	9.71	9.69	19.94	39.34	54.94	15.60	Average
4	0.17	9.71	9.69	30.91	50.31	64.94	14.63	QP
5	29.53	9.79	10.14	14.66	34.59	50.00	15.41	Average
6	29.53	9.79	10.14	31.61	51.54	60.00	8.46	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

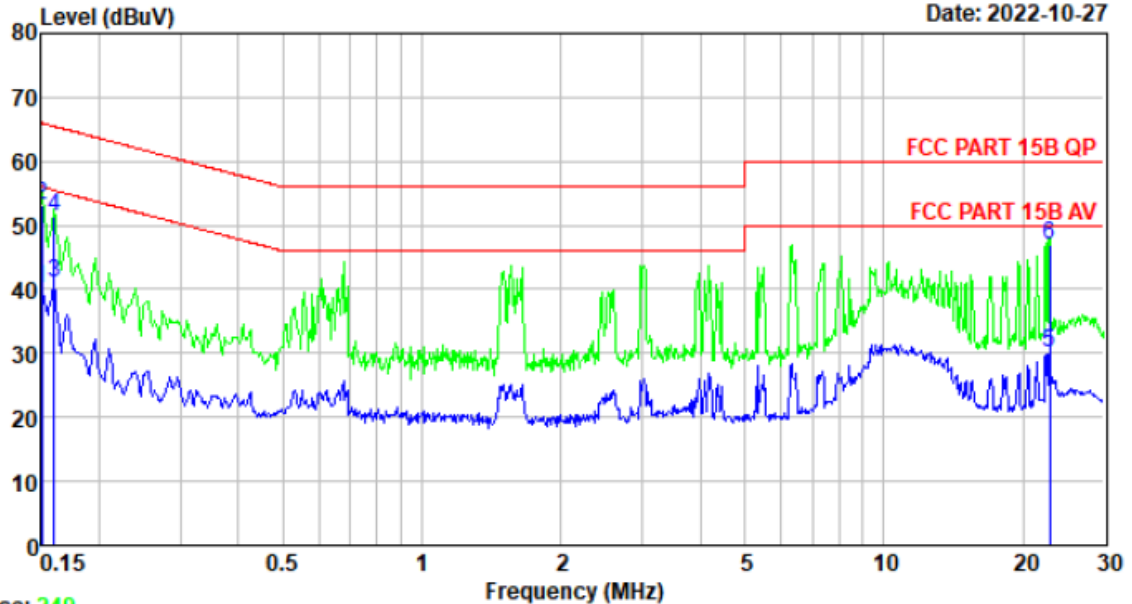
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Data: 270

File: \\EMC-CE-2\Test Data\2022\DI\De Shi .EM6 (278)

Date: 2022-10-27



Trace: 249

Site no : 1#CE Shield Room Data no. : 270
 Env. / Ins. : Temp:24.8°C Humi:55% Press:101.50kPa LINE Phase : LINE
 Limit : FCC PART 15B QP
 Engineer : XJF
 EUT : Dot Matrix Printer
 Power : AC 120V/60Hz
 M/N : DL3100
 Test Mode : COM Mode

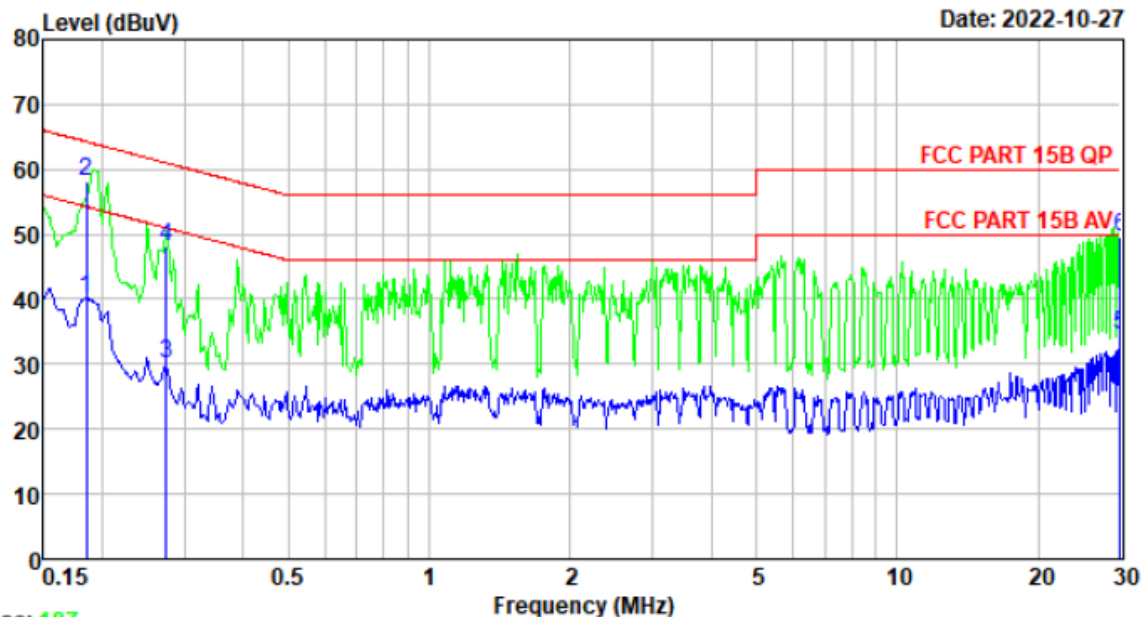
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	9.66	9.69	20.85	40.20	56.00	15.80	Average
2	0.15	9.66	9.69	33.81	53.16	66.00	12.84	QP
3	0.16	9.66	9.69	21.83	41.18	55.47	14.29	Average
4	0.16	9.66	9.69	31.87	51.22	65.47	14.25	QP
5	22.90	9.78	10.17	10.04	29.99	50.00	20.01	Average
6	22.90	9.78	10.17	27.00	46.95	60.00	13.05	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

Data: 272

File: \\EMC-CE-2\Test Data\2022\DI\De Shi .EM6 (278)

Date: 2022-10-27



Trace: 187
 Site no : 1#CE Shield Room Data no. : 272
 Env. / Ins. : Temp:24.8°C Humi:55% Press:101.50kPa LINE Phase : LINE
 Limit : FCC PART 15B QP
 Engineer : XJF
 EUT : Dot Matrix Printer
 Power : AC 120V/60Hz
 M/N : DL3100
 Test Mode : USB Mode

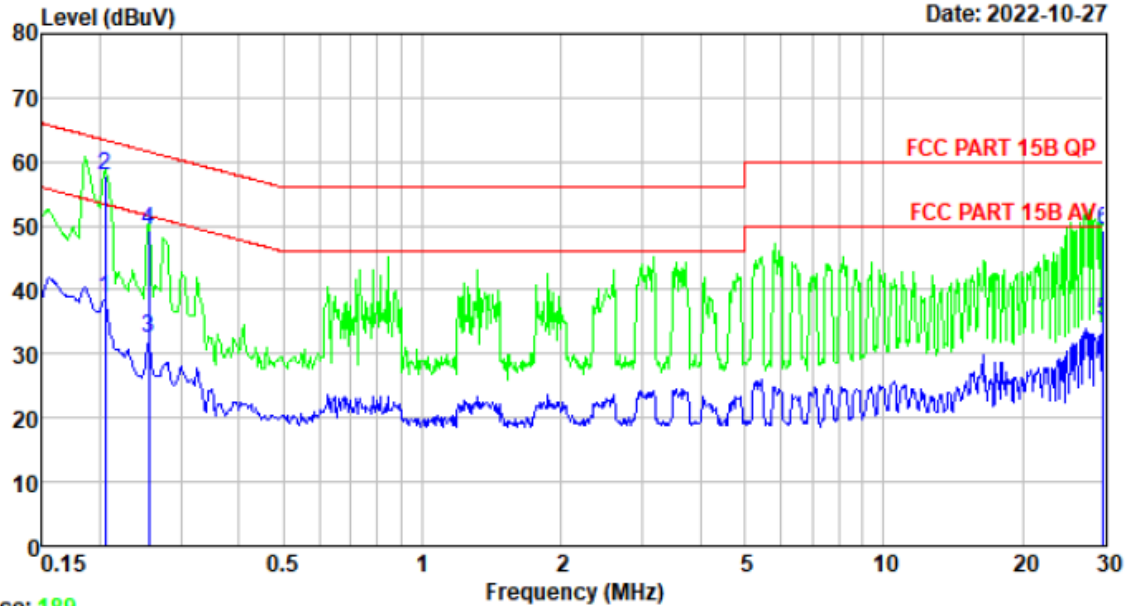
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.19	9.67	9.77	20.69	40.13	54.24	14.11	Average
2	0.19	9.67	9.77	38.61	58.05	64.24	6.19	QP
3	0.27	9.64	9.92	10.51	30.07	50.98	20.91	Average
4	0.27	9.64	9.92	28.57	48.13	60.98	12.85	QP
5	30.00	9.75	10.14	14.71	34.60	50.00	15.40	Average
6	30.00	9.75	10.14	29.77	49.66	60.00	10.34	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

Data: 274

File: \\EMC-CE-2\Test Data\2022\DI\De Shi .EM6 (278)

Date: 2022-10-27



Trace: 189

Site no : 1#CE Shield Room Data no. : 274
 Env. / Ins. : Temp:24.8°C Humi:55% Press:101.50kPa LINE Phase : NEUTRAL
 Limit : FCC PART 15B QP
 Engineer : XJF
 EUT : Dot Matrix Printer
 Power : AC 120V/60Hz
 M/N : DL3100
 Test Mode : USB Mode

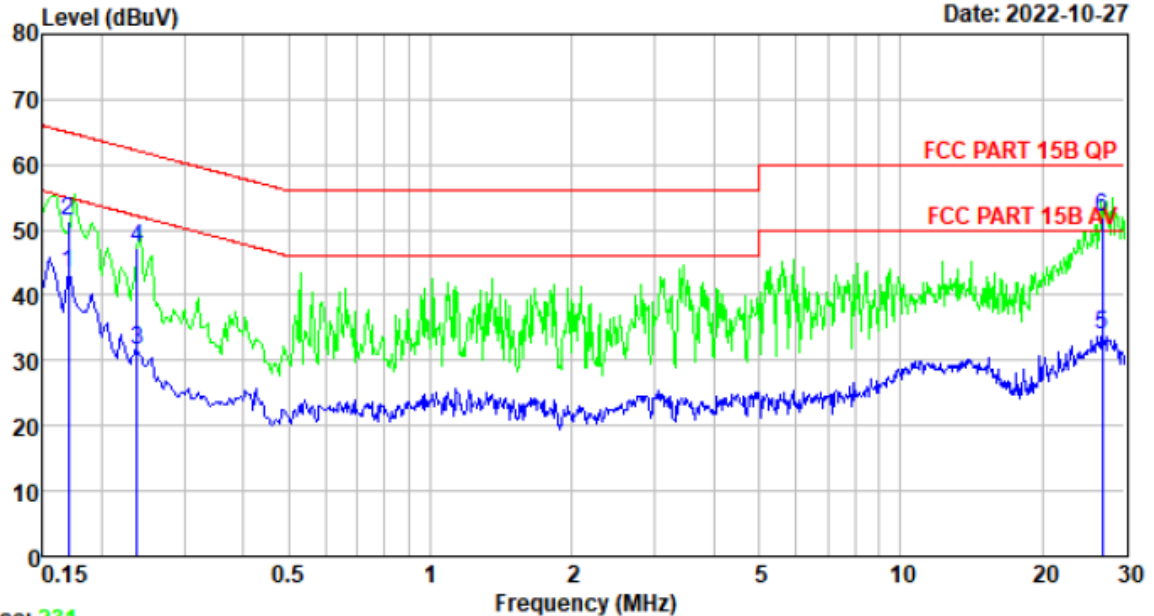
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.21	9.53	9.84	19.31	38.68	53.40	14.72	Average
2	0.21	9.53	9.84	38.38	57.75	63.40	5.65	QP
3	0.25	9.53	9.92	12.91	32.36	51.60	19.24	Average
4	0.25	9.53	9.92	29.97	49.42	61.60	12.18	QP
5	30.00	9.79	10.14	15.34	35.27	50.00	14.73	Average
6	30.00	9.79	10.14	29.37	49.30	60.00	10.70	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

Data: 276

File: \\EMC-CE-2\Test Data\2022\DI\De Shi .EM6 (278)

Date: 2022-10-27



Trace: 231

Site no : 1#CE Shield Room Data no. : 276
 Env. / Ins. : Temp:24.8°C Humi:55% Press:101.50kPa LINE Phase : LINE
 Limit : FCC PART 15B QP
 Engineer : XJF
 EUT : Dot Matrix Printer
 Power : AC 120V/60Hz
 M/N : DL3100
 Test Mode : LAN Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV)	Limits (dBUV)	Margin (dB)	Remark
1	0.17	9.66	9.69	24.05	43.40	54.94	11.54	Average
2	0.17	9.66	9.69	32.01	51.36	64.94	13.58	QP
3	0.24	9.64	9.92	11.90	31.46	52.17	20.71	Average
4	0.24	9.64	9.92	27.81	47.37	62.17	14.80	QP
5	26.84	9.78	10.17	14.06	34.01	50.00	15.99	Average
6	26.84	9.78	10.17	32.01	51.96	60.00	8.04	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

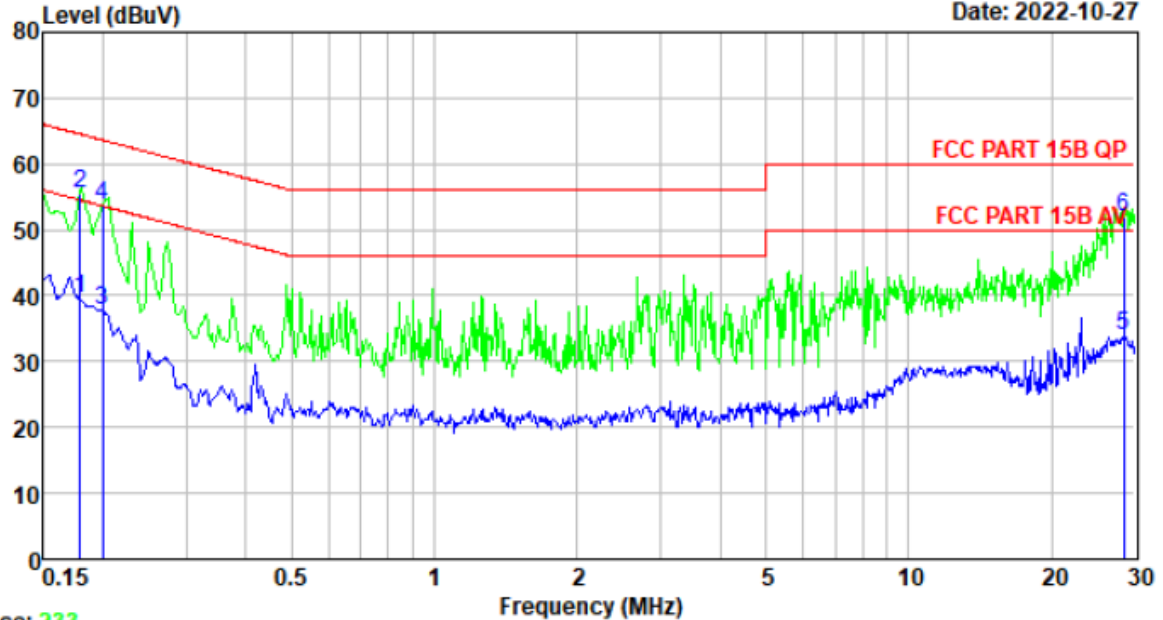
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Data: 278

File: \\EMC-CE-2\Test Data\2022\DI\De Shi .EM6 (278)

Date: 2022-10-27



Site no : 1#CE Shield Room Data no. : 278
 Env. / Ins. : Temp:24.8°C Humi:55% Press:101.50kPa LINE Phase : NEUTRAL
 Limit : FCC PART 15B QP
 Engineer : XJF
 EUT : Dot Matrix Printer
 Power : AC 120V/60Hz
 M/N : DL3100
 Test Mode : LAN Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.18	9.54	9.77	20.23	39.54	54.55	15.01	Average
2	0.18	9.54	9.77	36.27	55.58	64.55	8.97	QP
3	0.20	9.54	9.77	18.40	37.71	53.62	15.91	Average
4	0.20	9.54	9.77	34.47	53.78	63.62	9.84	QP
5	28.45	9.78	10.16	14.06	34.00	50.00	16.00	Average
6	28.45	9.78	10.16	32.01	51.95	60.00	8.05	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

5. RADIATED EMISSION

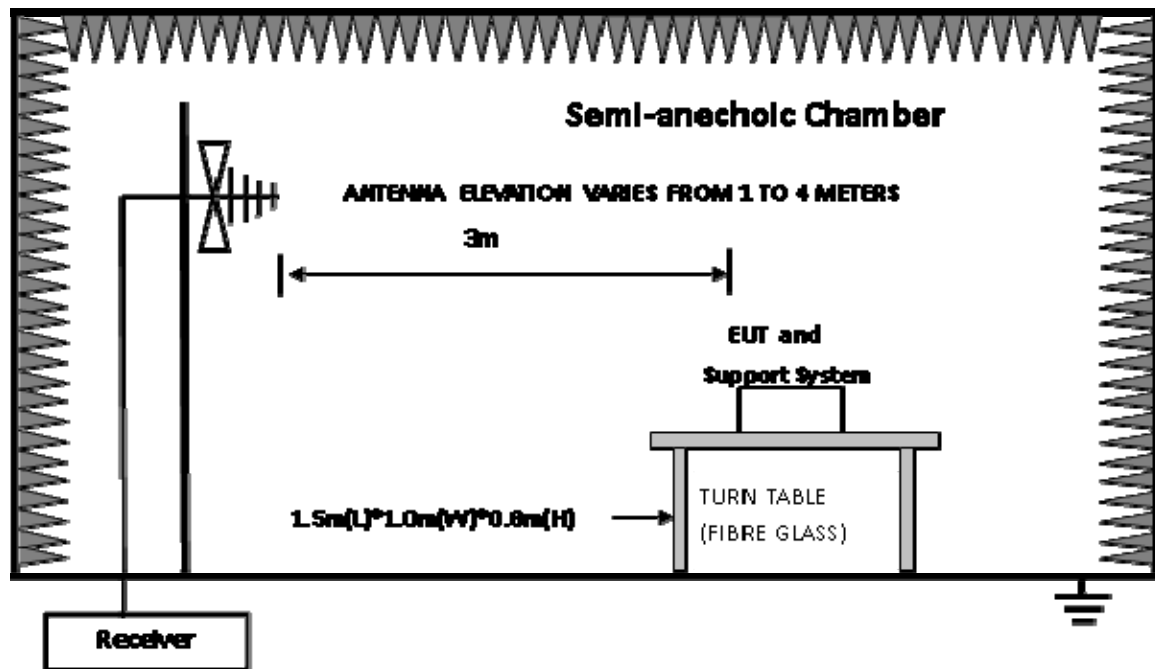
5.1. Limit

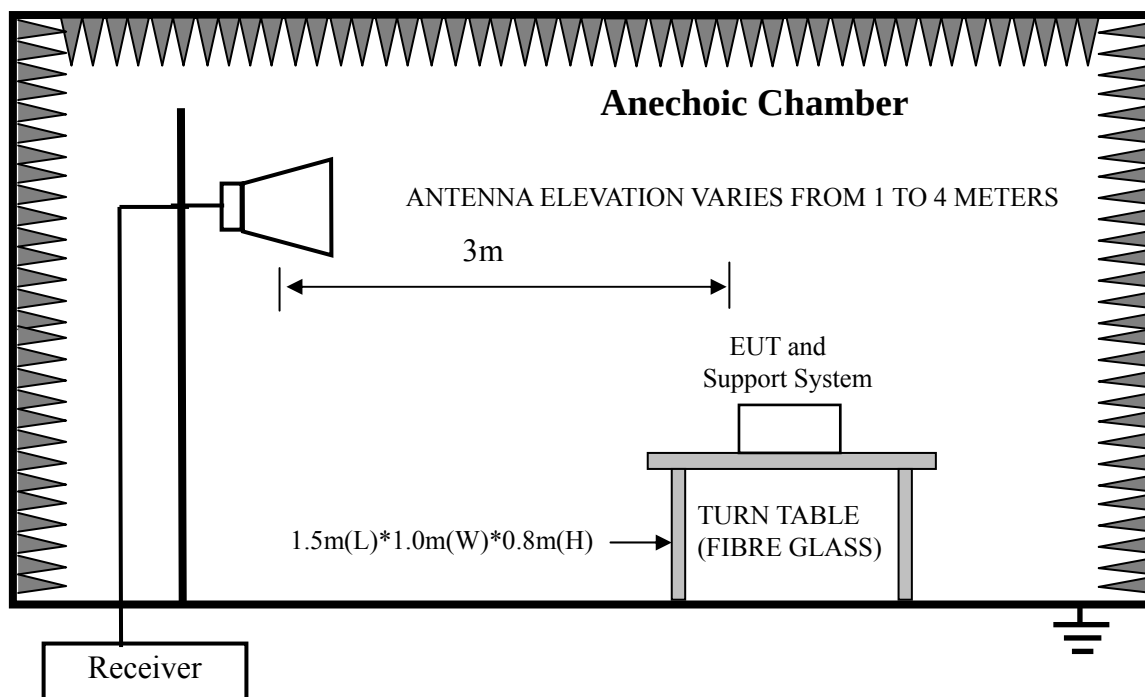
Frequency of emission (MHz)	Field strength (microvolts/meter)	Distance (m)
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Note: Emission level $\text{dB}\mu\text{V} = 20 \times \log \text{Emission level } \mu\text{V/m}$.

5.2. Test Setup

30MHz-1000MHz



Above 1GHz**5.3. Spectrum Analyzer Setting****For 30MHz-1GHz**

Spectrum Parameters	Setting
RBW	120KHz
VBW	300KHz
Start frequency	30MHz
Stop frequency	1GHz
Sweep Time	Auto
Detector	QP
Trace Mode	Max Hold

For Above 1GHz

Spectrum Parameters	Setting	
RBW	1MHz	
VBW	PEAK Measurement	AVG Measurement
	3MHz	10Hz
Start frequency	1GHz	
Stop frequency	6GHz	
Sweep Time	Auto	
Detector	PEAK	
Trace Mode	Max Hold	

5.4. Test Procedure

- a. EUT was placed on a turn table, which is 0.8 meter high above ground for below 1GHz test, and which is 1.5 meter high above ground for above 1GHz test.
- b. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower.
- c. Configure EUT to operation mode.
- d. The turn table can rotate 360 degrees to determine the position of the maximum emission level.
- e. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on test.
- f. Spectrum analyzer setting parameters in accordance with section 5.3.
- g. Repeat above procedures until all channels were measured.
- h. Record the results in the test report.

Note: The test data of the worst case condition(s) was reported

5.5. Test Result

30MHz-1GHz

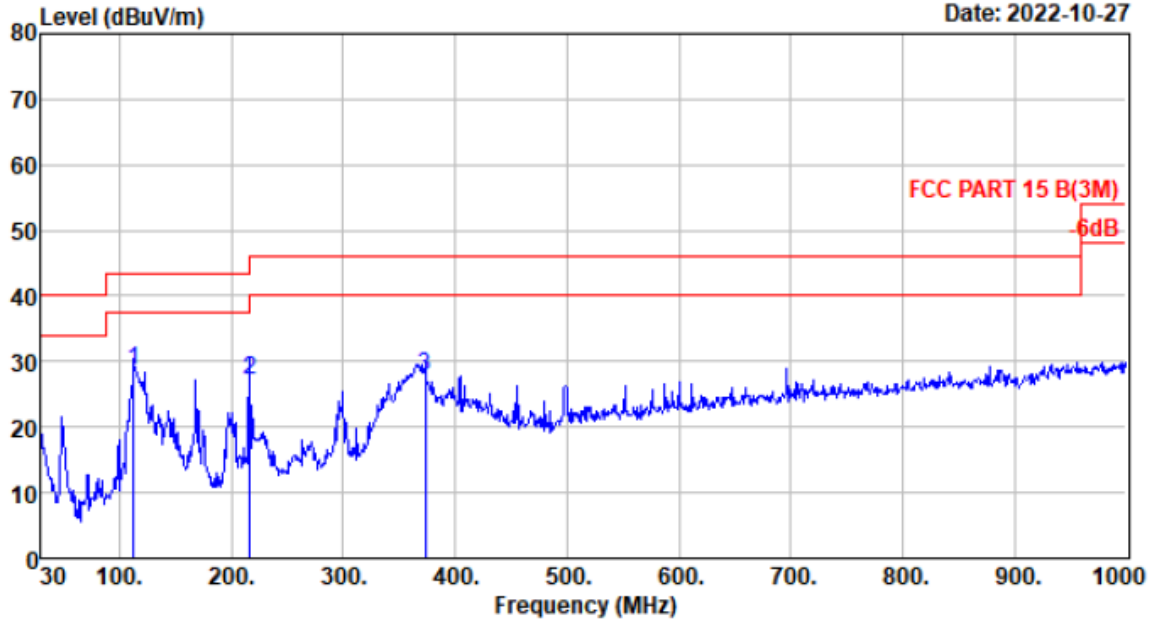
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Data: 336

File: \\EMC-966-2\\test data\\2022\\D\\Dascom.EM6 (343)

Date: 2022-10-27



Site no. : 2# 966 chamber Data no. : 336
 Dis. / Ant. : 3m 47018 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 B(3M)
 Env. / Ins. : Temp:22.5°C;Humi:53.1%;Press:101.52kPa
 Engineer : Blank
 EUT : Dot Matrix Printer
 Power : AC 120V/60Hz
 M/N : DL3100
 Test Mode : USB Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	112.45	11.10	0.84	16.58	28.52	43.50	14.98	QP
2	216.24	9.54	1.21	16.53	27.28	46.00	18.72	QP
3	373.38	15.83	1.86	10.05	27.74	46.00	18.26	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

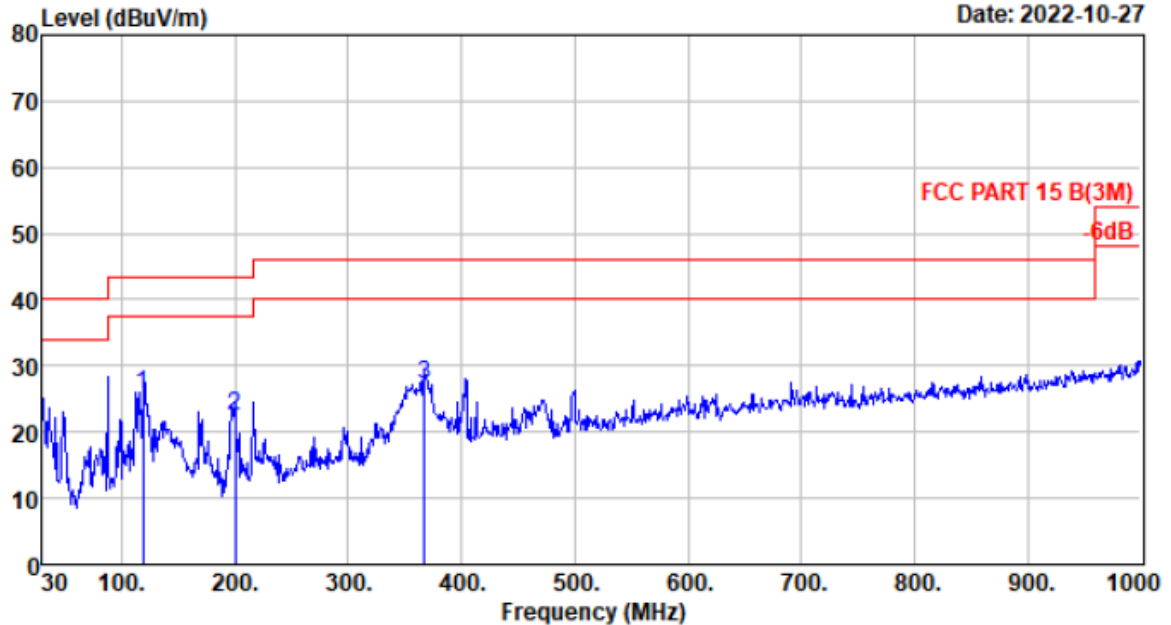
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Data: 337

File: \\EMC-966-2\\test data\\2022\\D\\Dascom.EM6 (343)

Date: 2022-10-27



Site no. : 2# 966 chamber Data no. : 337
 Dis. / Ant. : 3m 47018 Ant. pol. : VERTICAL
 Limit : FCC PART 15 B(3M)
 Env. / Ins. : Temp:22.5°C;Humi:53.1%;Press:101.52kPa
 Engineer : Blank
 EUT : Dot Matrix Printer
 Power : AC 120V/60Hz
 M/N : DL3100
 Test Mode : USB Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark
1	118.27	11.48	0.87	13.28	25.63	43.50	17.87	QP
2	199.75	8.60	1.11	12.72	22.43	43.50	21.07	QP
3	367.56	15.75	1.86	9.67	27.28	46.00	18.72	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

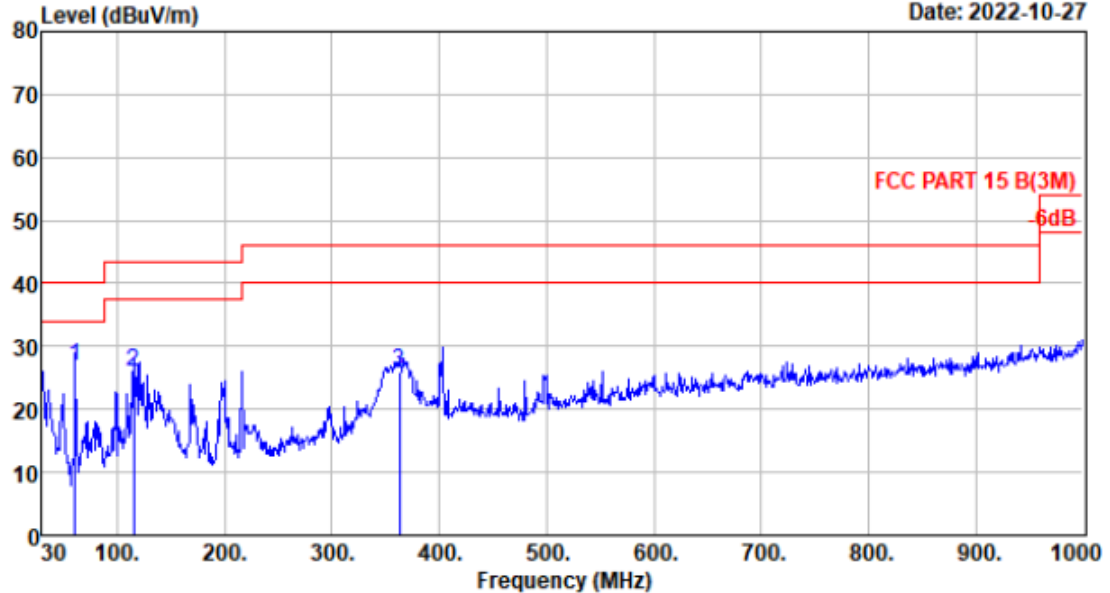
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Data: 338

File: \\EMC-966-2\\test data\\2022\\D\\Dascom.EM6 (343)

Date: 2022-10-27



Site no. : 2# 966 chamber Data no. : 338
Dis. / Ant. : 3m 47018 Ant. pol. : VERTICAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.5°C;Humi:53.1%;Press:101.52kPa
Engineer : Blank
EUT : Dot Matrix Printer
Power : AC 120V/60Hz
M/N : DL3100
Test Mode : COM Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	61.04	5.08	0.39	21.50	26.97	40.00	13.03	QP
2	115.36	11.60	0.82	13.63	26.05	43.50	17.45	QP
3	362.71	15.65	1.87	8.40	25.92	46.00	20.08	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

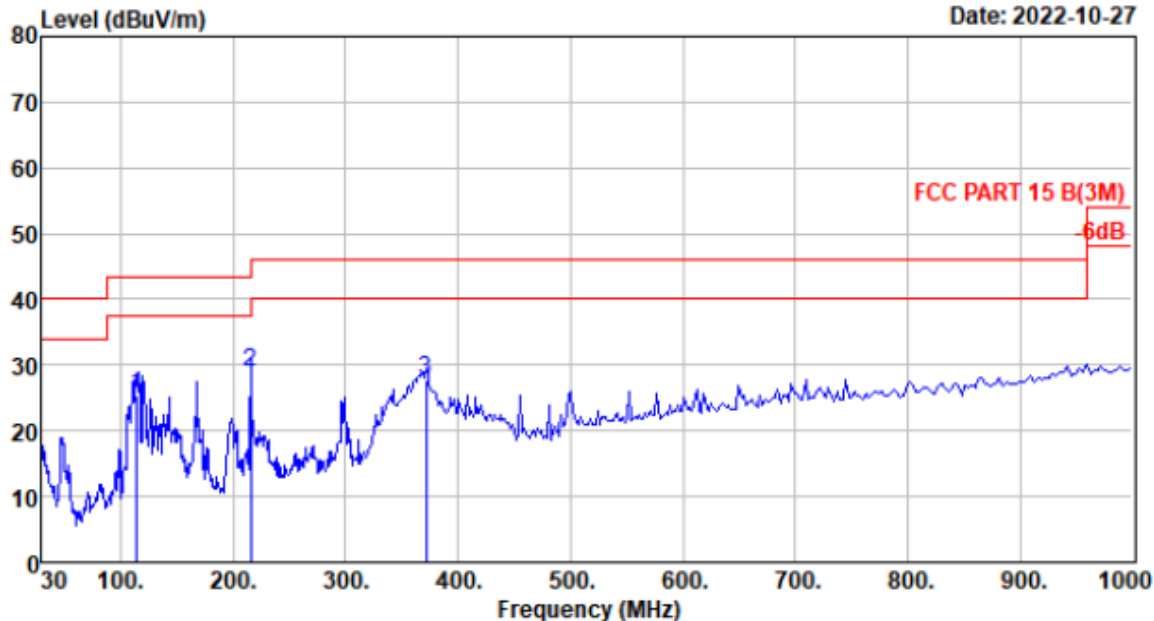
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Data: 339

File: \\EMC-966-2\\test data\\2022\\D\\Dascom.EM6 (343)

Date: 2022-10-27



Site no. : 2# 966 chamber Data no. : 339
Dis. / Ant. : 3m 47018 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.5°C;Humi:53.1%;Press:101.52kPa
Engineer : Blank
EUT : Dot Matrix Printer
Power : AC 120V/60Hz
M/N : DL3100
Test Mode : COM Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	114.11	11.43	0.83	13.24	25.50	43.50	18.00	QP
2	216.02	9.54	1.21	18.24	28.99	46.00	17.01	QP
3	372.00	15.82	1.86	9.95	27.63	46.00	18.37	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

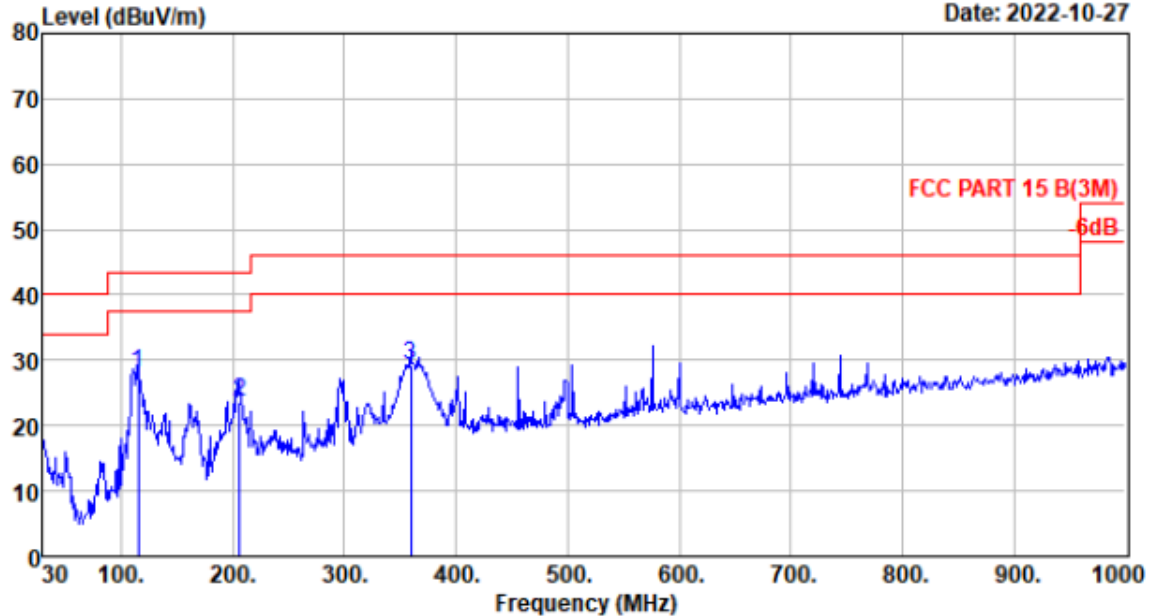
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Data: 340

File: \\EMC-966-2\\test data\\2022\\D\\Dascom.EM6 (343)

Date: 2022-10-27



Site no. : 2# 966 chamber Data no. : 340
 Dis. / Ant. : 3m 47018 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 B(3M)
 Env. / Ins. : Temp:22.5°C;Humi:53.1%;Press:101.52kPa
 Engineer : Blank
 EUT : Dot Matrix Printer
 Power : AC 120V/60Hz
 M/N : DL3100
 Test Mode : LPT Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	115.36	11.60	0.82	15.74	28.16	43.50	15.34	QP
2	206.54	8.83	1.16	13.74	23.73	43.50	19.77	QP
3	359.80	15.60	1.89	11.80	29.29	46.00	16.71	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

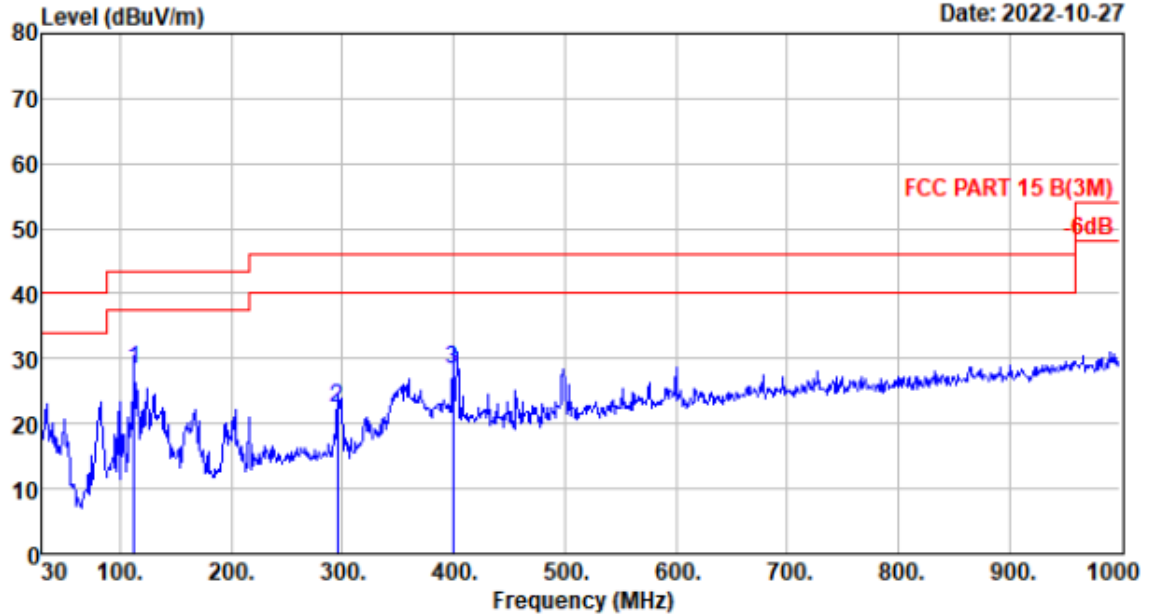
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Data: 341

File: \\EMC-966-2\\test data\\2022\\D\\Dascom.EM6 (343)

Date: 2022-10-27



Site no. : 2# 966 chamber Data no. : 341
 Dis. / Ant. : 3m 47018 Ant. pol. : VERTICAL
 Limit : FCC PART 15 B(3M)
 Env. / Ins. : Temp:22.5°C;Humi:53.1%;Press:101.52kPa
 Engineer : Blank
 EUT : Dot Matrix Printer
 Power : AC 120V/60Hz
 M/N : DL3100
 Test Mode : LPT Mode

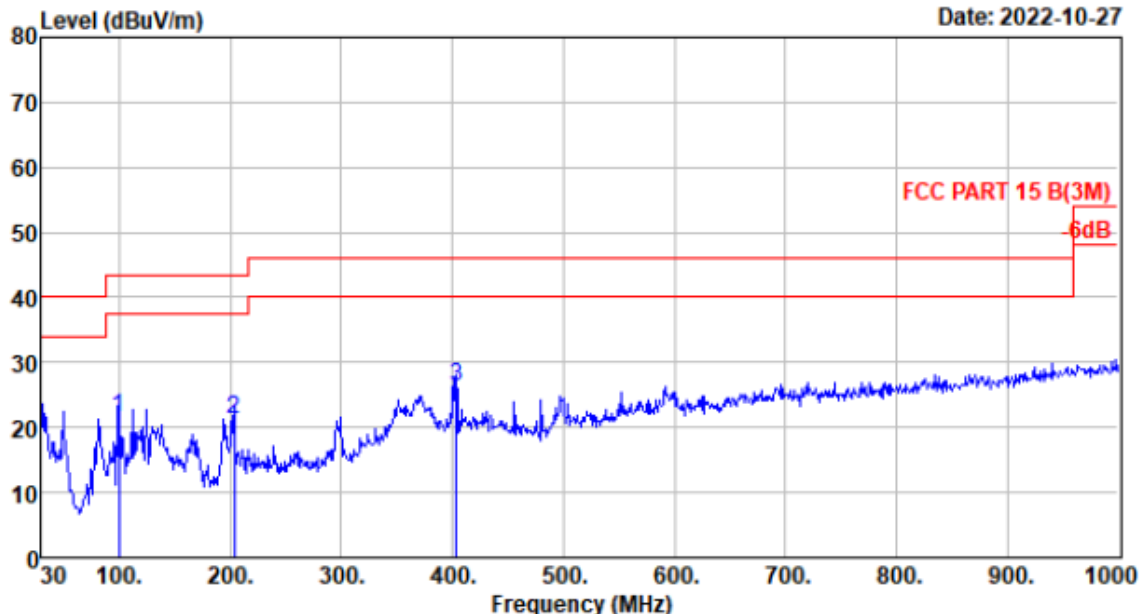
	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark
1	112.45	11.10	0.84	16.35	28.29	43.50	15.21	QP
2	295.78	13.74	1.61	7.10	22.45	46.00	23.55	QP
3	399.57	16.20	1.83	10.42	28.45	46.00	17.55	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

Data: 342

File: \\EMC-966-2\\test data\\2022\\D\\Dascom.EM6 (343)

Date: 2022-10-27



Site no. : 2# 966 chamber Data no. : 342
 Dis. / Ant. : 3m 47018 Ant. pol. : VERTICAL
 Limit : FCC PART 15 B(3M)
 Env. / Ins. : Temp:22.5°C;Humi:53.1%;Press:101.52kPa
 Engineer : Blank
 EUT : Dot Matrix Printer
 Power : AC 120V/60Hz
 M/N : DL3100
 Test Mode : LAN Mode

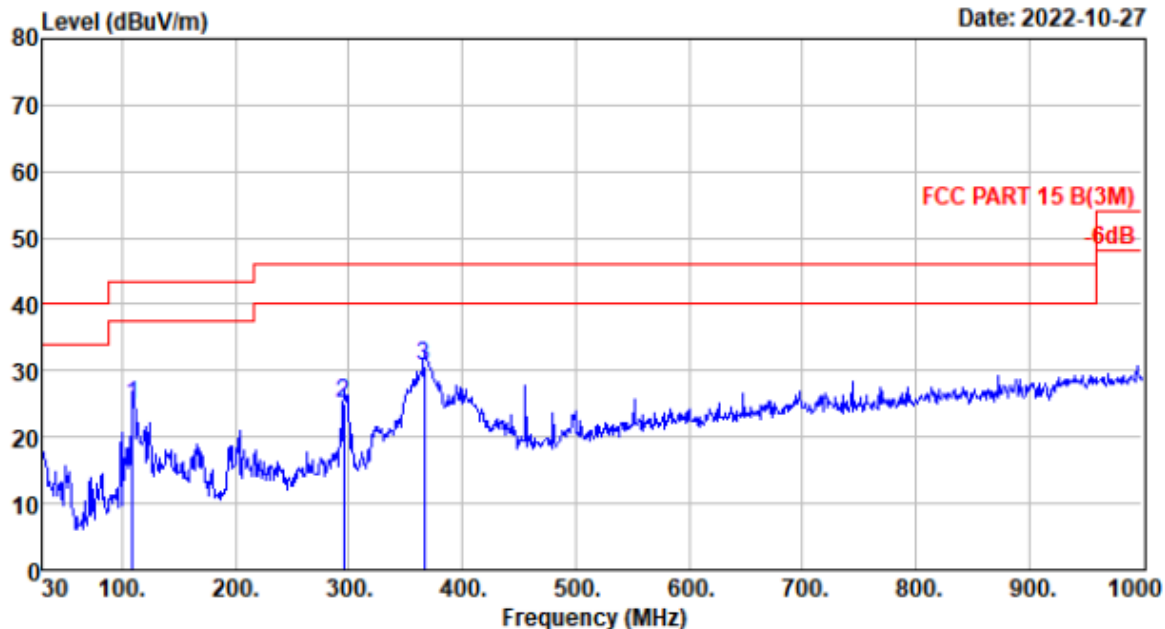
	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	99.84	9.90	0.80	10.99	21.69	43.50	21.81	QP
2	203.63	8.76	1.15	11.31	21.22	43.50	22.28	QP
3	403.45	16.27	1.79	8.10	26.16	46.00	19.84	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

Data: 343

File: \\EMC-966-2\\test data\\2022\\D\\Dascom.EM6 (343)

Date: 2022-10-27



Site no. : 2# 966 chamber Data no. : 343
 Dis. / Ant. : 3m 47018 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 B(3M)
 Env. / Ins. : Temp:22.5°C;Humi:53.1%;Press:101.52kPa
 Engineer : Blank
 EUT : Dot Matrix Printer
 Power : AC 120V/60Hz
 M/N : DL3100
 Test Mode : LAN Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	109.54	10.60	0.86	13.45	24.91	43.50	18.59	QP
2	295.78	13.74	1.61	9.88	25.23	46.00	20.77	QP
3	366.59	15.73	1.88	13.06	30.67	46.00	15.33	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

Above 1GHz

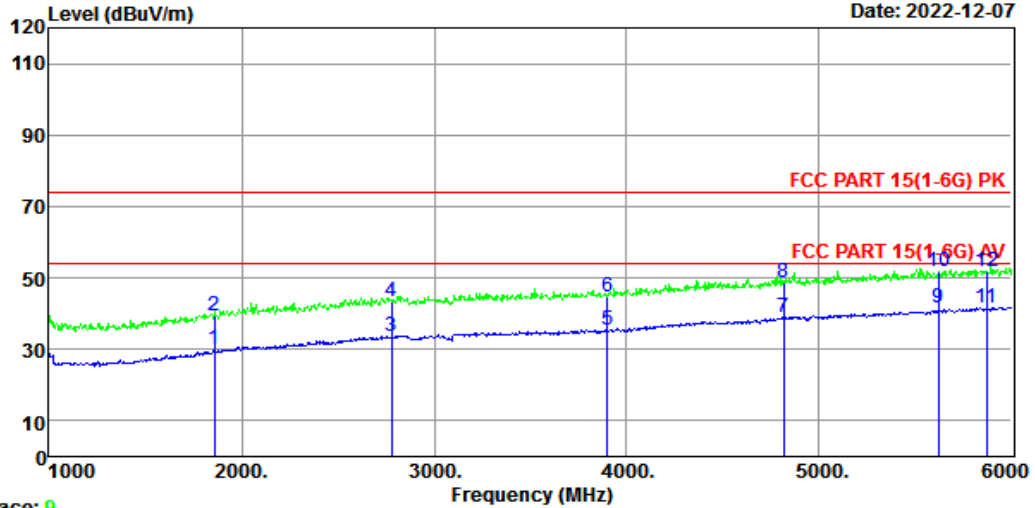
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Data: 10

File: \\EMC-966-1\test data\2022\RFID\De Shi\DL3100.EM6 (16)

Date: 2022-12-07



Trace: 9

Site no. : 1# 966 Chamber Data no. : 10
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:23.9°C, Humi:52.3%; Press:101.82KPa
Engineer : XJF
EUT : Dot Matrix Printer
Power : AC 120V/60Hz
M/N : DL3100
Test Mode : COM Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1860.00	25.87	3.13	0.93	29.93	54.00	24.07	Average
2	1860.00	25.87	3.13	10.22	39.22	74.00	34.78	Peak
3	2780.00	28.41	3.70	1.64	33.75	54.00	20.25	Average
4	2780.00	28.41	3.70	11.26	43.37	74.00	30.63	Peak
5	3900.00	29.41	4.38	1.82	35.61	54.00	18.39	Average
6	3900.00	29.41	4.38	10.96	44.75	74.00	29.25	Peak
7	4815.00	31.36	4.90	2.89	39.15	54.00	14.85	Average
8	4815.00	31.36	4.90	12.66	48.92	74.00	25.08	Peak
9	5620.00	33.08	5.25	3.08	41.41	54.00	12.59	Average
10	5620.00	33.08	5.25	13.44	51.77	74.00	22.23	Peak
11	5870.00	33.03	5.24	3.51	41.78	54.00	12.22	Average
12	5870.00	33.03	5.24	13.56	51.83	74.00	22.17	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

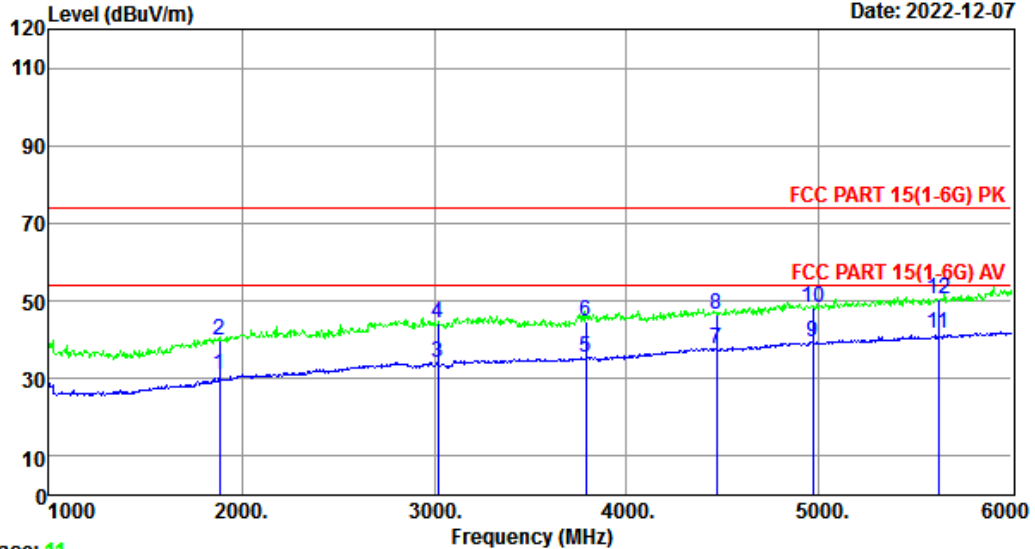
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Data: 12

File: \\EMC-966-1\\test data\\2022\\RFID\\De Sh\\DL3100.EM6 (16)

Date: 2022-12-07



Trace: 11

Site no. : 1# 966 Chamber Data no. : 12
 Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15(1-6G) PK
 Env. / Ins. : Temp:23.9°C, Humi:52.3%; Press:101.82KPa
 Engineer : XJF
 EUT : Dot Matrix Printer
 Power : AC 120V/60Hz
 M/N : DL3100
 Test Mode : COM Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1885.00	25.98	3.15	1.83	30.96	54.00	23.04	Average
2	1885.00	25.98	3.15	10.67	39.80	74.00	34.20	Peak
3	3020.00	29.10	3.85	1.29	34.24	54.00	19.76	Average
4	3020.00	29.10	3.85	11.33	44.28	74.00	29.72	Peak
5	3790.00	29.29	4.31	1.95	35.55	54.00	18.45	Average
6	3790.00	29.29	4.31	11.00	44.60	74.00	29.40	Peak
7	4465.00	30.25	4.72	2.81	37.78	54.00	16.22	Average
8	4465.00	30.25	4.72	11.35	46.32	74.00	27.68	Peak
9	4965.00	31.88	4.98	2.45	39.31	54.00	14.69	Average
10	4965.00	31.88	4.98	11.34	48.20	74.00	25.80	Peak
11	5620.00	33.08	5.25	3.08	41.41	54.00	12.59	Average
12	5620.00	33.08	5.25	12.14	50.47	74.00	23.53	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

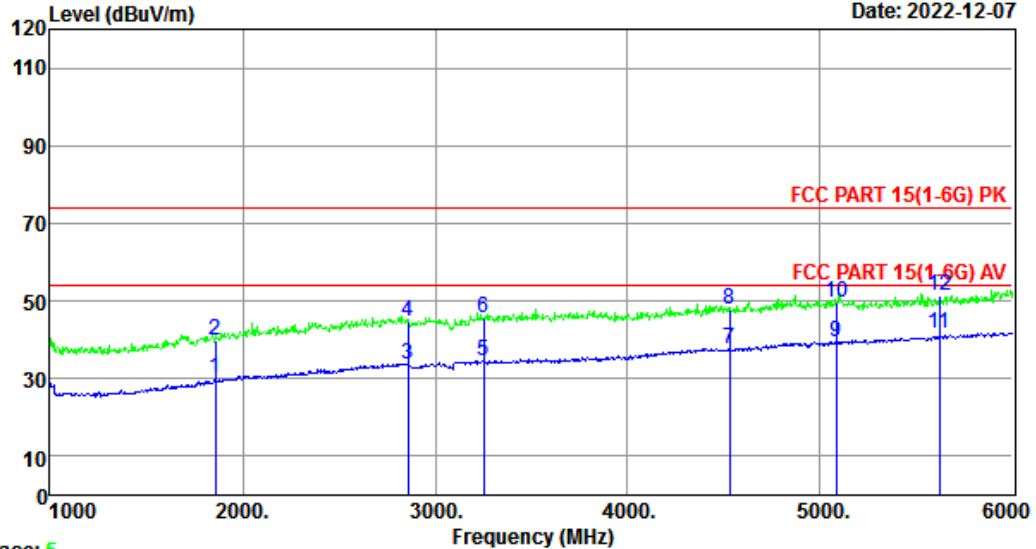
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Data: 6

File: \\EMC-966-1\test data\2022\RFID\De Shi\DL3100.EM6 (16)

Date: 2022-12-07



Trace: 5

Site no. : 1# 966 Chamber Data no. : 6
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:23.9°C, Humi:52.3%; Press:101.82KPa
Engineer : XJF
EUT : Dot Matrix Printer
Power : AC 120V/60Hz
M/N : DL3100
Test Mode : LAN Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1860.00	25.87	3.13	0.93	29.93	54.00	24.07	Average
2	1860.00	25.87	3.13	10.99	39.99	74.00	34.01	Peak
3	2860.00	28.62	3.74	1.44	33.80	54.00	20.20	Average
4	2860.00	28.62	3.74	12.34	44.70	74.00	29.30	Peak
5	3250.00	29.05	3.98	1.56	34.59	54.00	19.41	Average
6	3250.00	29.05	3.98	12.67	45.70	74.00	28.30	Peak
7	4530.00	30.42	4.76	2.65	37.83	54.00	16.17	Average
8	4530.00	30.42	4.76	12.55	47.73	74.00	26.27	Peak
9	5085.00	32.18	5.04	2.16	39.38	54.00	14.62	Average
10	5085.00	32.18	5.04	12.23	49.45	74.00	24.55	Peak
11	5620.00	33.08	5.25	3.08	41.41	54.00	12.59	Average
12	5620.00	33.08	5.25	13.11	51.44	74.00	22.56	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.

2. Margin= Limit - Emission Level.

3. The emission levels that are 20dB below the official limit are not reported.

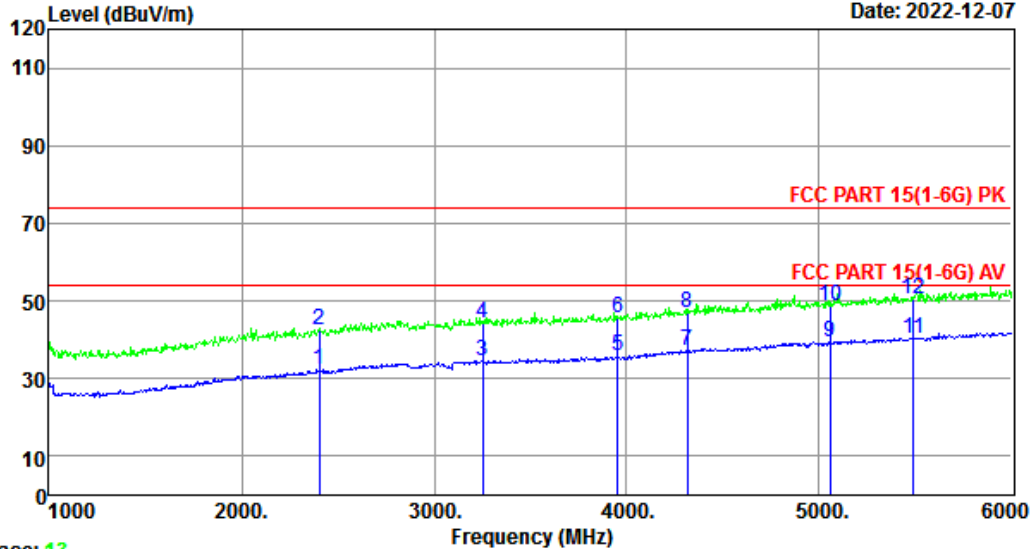
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Data: 14

File: \\EMC-966-1\\test data\\2022\\RFID\\De Sh\\DL3100.EM6 (16)

Date: 2022-12-07



Trace: 13

Site no. : 1# 966 Chamber Data no. : 14
 Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15(1-6G) PK
 Env. / Ins. : Temp:23.9°C, Humi:52.3%; Press:101.82KPa
 Engineer : XJF
 EUT : Dot Matrix Printer
 Power : AC 120V/60Hz
 M/N : DL3100
 Test Mode : LAN Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2405.00	27.38	3.48	1.56	32.42	54.00	21.58	Average
2	2405.00	27.38	3.48	11.43	42.29	74.00	31.71	Peak
3	3250.00	29.05	3.98	1.56	34.59	54.00	19.41	Average
4	3250.00	29.05	3.98	11.26	44.29	74.00	29.71	Peak
5	3955.00	29.47	4.41	1.85	35.73	54.00	18.27	Average
6	3955.00	29.47	4.41	11.66	45.54	74.00	28.46	Peak
7	4315.00	30.01	4.63	2.46	37.10	54.00	16.90	Average
8	4315.00	30.01	4.63	12.33	46.97	74.00	27.03	Peak
9	5055.00	32.15	5.03	2.18	39.36	54.00	14.64	Average
10	5055.00	32.15	5.03	11.67	48.85	74.00	25.15	Peak
11	5490.00	33.06	5.24	2.04	40.34	54.00	13.66	Average
12	5490.00	33.06	5.24	12.00	50.30	74.00	23.70	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

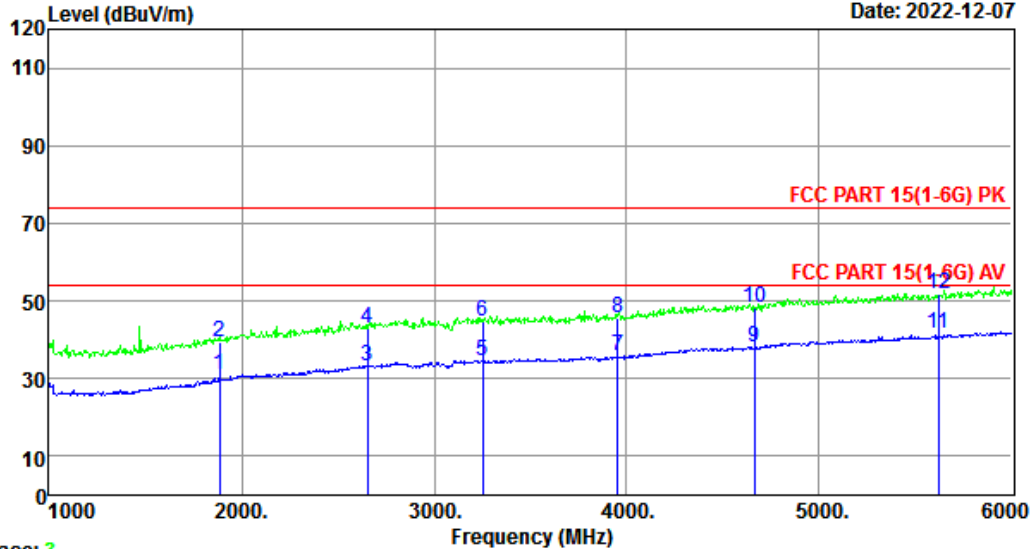
EST Technology

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Data: 4

File: \\EMC-966-1\test data\2022\RFID\De Sh\DL3100.EM6 (16)

Date: 2022-12-07



Trace: 3

Site no. : 1# 966 Chamber Data no. : 4
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:23.9°C, Humi:52.3%; Press:101.82KPa
Engineer : XJF
EUT : Dot Matrix Printer
Power : AC 120V/60Hz
M/N : DL3100
Test Mode : LPT Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1885.00	25.98	3.15	1.83	30.96	54.00	23.04	Average
2	1885.00	25.98	3.15	10.12	39.25	74.00	34.75	Peak
3	2655.00	27.98	3.62	1.76	33.36	54.00	20.64	Average
4	2655.00	27.98	3.62	11.45	43.05	74.00	30.95	Peak
5	3250.00	29.05	3.98	1.56	34.59	54.00	19.41	Average
6	3250.00	29.05	3.98	11.56	44.59	74.00	29.41	Peak
7	3955.00	29.47	4.41	1.85	35.73	54.00	18.27	Average
8	3955.00	29.47	4.41	11.66	45.54	74.00	28.46	Peak
9	4665.00	30.89	4.83	2.46	38.18	54.00	15.82	Average
10	4665.00	30.89	4.83	12.33	48.05	74.00	25.95	Peak
11	5620.00	33.08	5.25	3.08	41.41	54.00	12.59	Average
12	5620.00	33.08	5.25	13.55	51.88	74.00	22.12	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.

2. Margin= Limit - Emission Level.

3. The emission levels that are 20dB below the official limit are not reported.

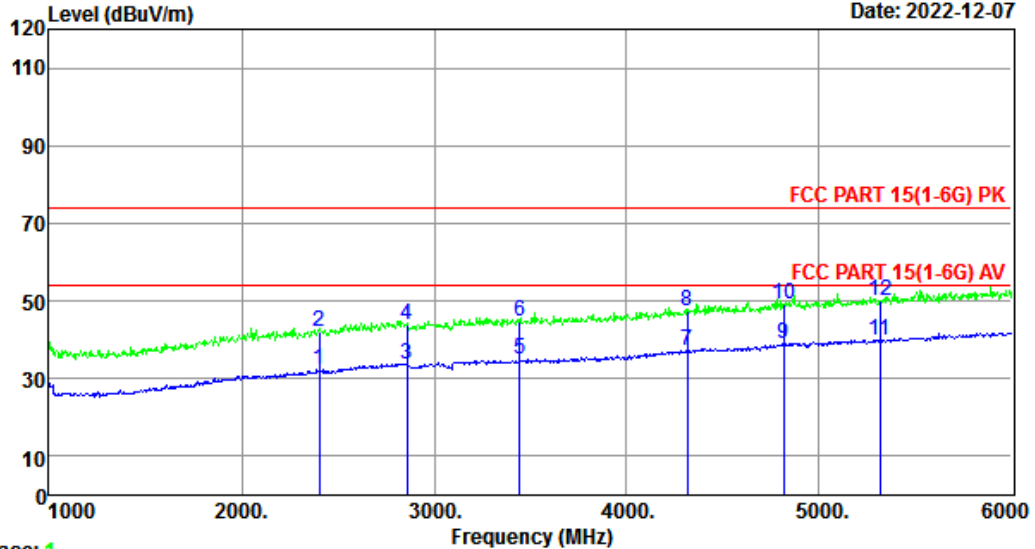
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Data: 2

File: \\EMC-966-1\test data\2022\RFID\De Shi\DL3100.EM6 (16)

Date: 2022-12-07



Trace: 1

Site no. : 1# 966 Chamber Data no. : 2
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:23.9°C, Humi:52.3%; Press:101.82KPa
Engineer : XJF
EUT : Dot Matrix Printer
Power : AC 120V/60Hz
M/N : DL3100
Test Mode : LPT Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2405.00	27.38	3.48	1.56	32.42	54.00	21.58	Average
2	2405.00	27.38	3.48	11.22	42.08	74.00	31.92	Peak
3	2860.00	28.62	3.74	1.44	33.80	54.00	20.20	Average
4	2860.00	28.62	3.74	11.34	43.70	74.00	30.30	Peak
5	3445.00	29.01	4.11	1.78	34.90	54.00	19.10	Average
6	3445.00	29.01	4.11	11.64	44.76	74.00	29.24	Peak
7	4315.00	30.01	4.63	2.46	37.10	54.00	16.90	Average
8	4315.00	30.01	4.63	12.55	47.19	74.00	26.81	Peak
9	4815.00	31.36	4.90	2.89	39.15	54.00	14.85	Average
10	4815.00	31.36	4.90	12.78	49.04	74.00	24.96	Peak
11	5315.00	32.70	5.16	2.05	39.91	54.00	14.09	Average
12	5315.00	32.70	5.16	12.11	49.97	74.00	24.03	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

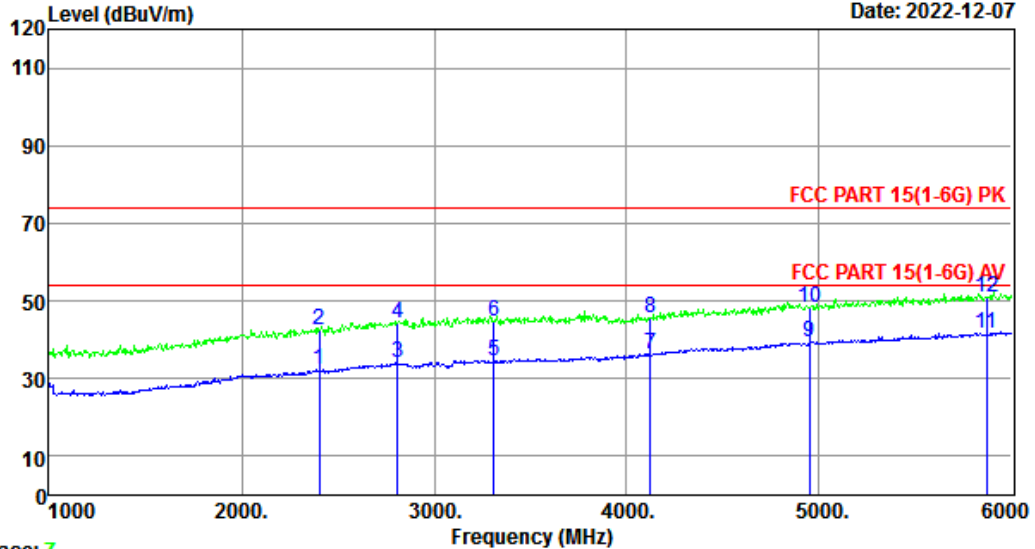
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Data: 8

File: \\EMC-966-1\\test data\\2022\\RFID\\De Shi\\DL3100.EM6 (16)

Date: 2022-12-07



Trace: 7

Site no. : 1# 966 Chamber Data no. : 8
 Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15(1-6G) PK
 Env. / Ins. : Temp:23.9°C, Humi:52.3%; Press:101.82KPa
 Engineer : XJF
 EUT : Dot Matrix Printer
 Power : AC 120V/60Hz
 M/N : DL3100
 Test Mode : USB Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2405.00	27.38	3.48	1.56	32.42	54.00	21.58	Average
2	2405.00	27.38	3.48	11.46	42.32	74.00	31.68	Peak
3	2810.00	28.46	3.71	2.01	34.18	54.00	19.82	Average
4	2810.00	28.46	3.71	12.15	44.32	74.00	29.68	Peak
5	3310.00	29.04	4.03	1.62	34.69	54.00	19.31	Average
6	3310.00	29.04	4.03	11.54	44.61	74.00	29.39	Peak
7	4125.00	29.71	4.51	2.17	36.39	54.00	17.61	Average
8	4125.00	29.71	4.51	11.25	45.47	74.00	28.53	Peak
9	4950.00	31.82	4.97	2.40	39.19	54.00	14.81	Average
10	4950.00	31.82	4.97	11.27	48.06	74.00	25.94	Peak
11	5870.00	33.03	5.24	3.51	41.78	54.00	12.22	Average
12	5870.00	33.03	5.24	12.66	50.93	74.00	23.07	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

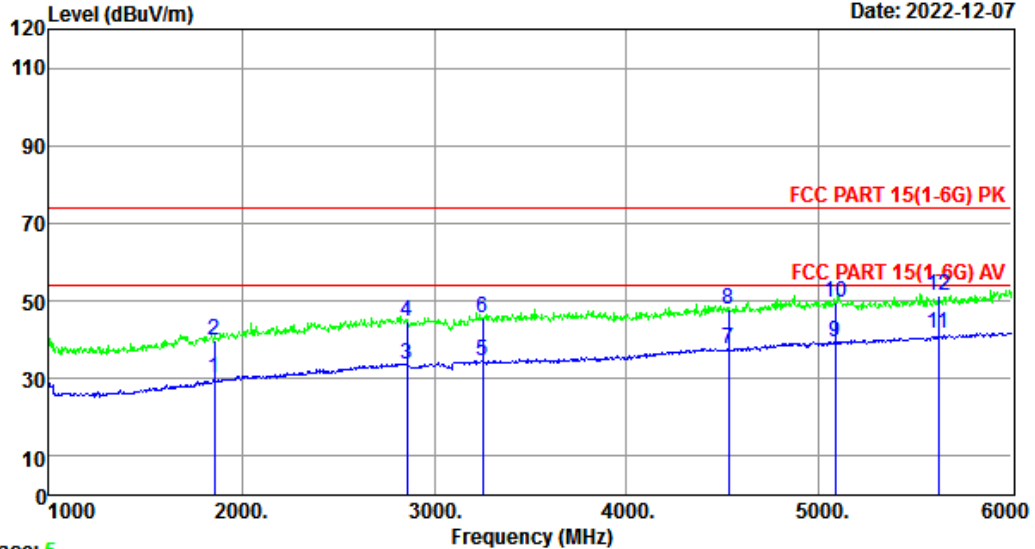
EST Technology

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Data: 6

File: \\EMC-966-1\\test data\\2022\\RFID\\De Shi\\DL3100.EM6 (16)

Date: 2022-12-07



Trace: 5

Site no. : 1# 966 Chamber Data no. : 6
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:23.9°C, Humi:52.3%; Press:101.82KPa
Engineer : XJF
EUT : Dot Matrix Printer
Power : AC 120V/60Hz
M/N : DL3100
Test Mode : USB Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1860.00	25.87	3.13	0.93	29.93	54.00	24.07	Average
2	1860.00	25.87	3.13	10.99	39.99	74.00	34.01	Peak
3	2860.00	28.62	3.74	1.44	33.80	54.00	20.20	Average
4	2860.00	28.62	3.74	12.34	44.70	74.00	29.30	Peak
5	3250.00	29.05	3.98	1.56	34.59	54.00	19.41	Average
6	3250.00	29.05	3.98	12.67	45.70	74.00	28.30	Peak
7	4530.00	30.42	4.76	2.65	37.83	54.00	16.17	Average
8	4530.00	30.42	4.76	12.55	47.73	74.00	26.27	Peak
9	5085.00	32.18	5.04	2.16	39.38	54.00	14.62	Average
10	5085.00	32.18	5.04	12.23	49.45	74.00	24.55	Peak
11	5620.00	33.08	5.25	3.08	41.41	54.00	12.59	Average
12	5620.00	33.08	5.25	13.11	51.44	74.00	22.56	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.

2. Margin= Limit - Emission Level.

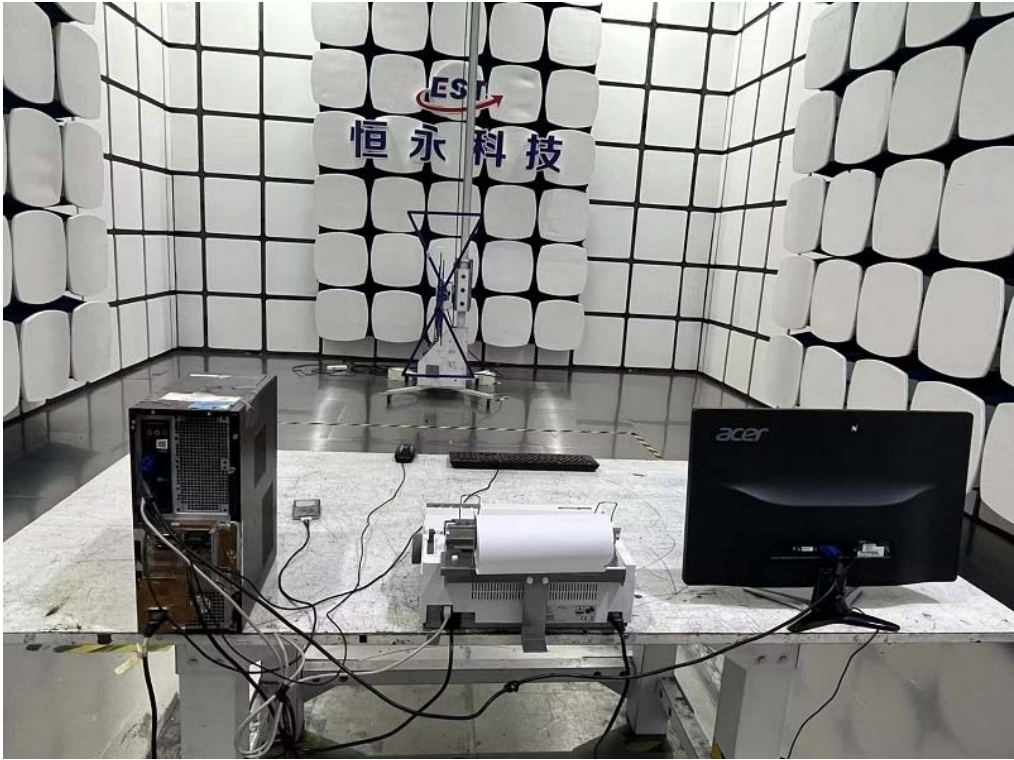
3. The emission levels that are 20dB below the official limit are not reported.

6. TEST SETUP PHOTO

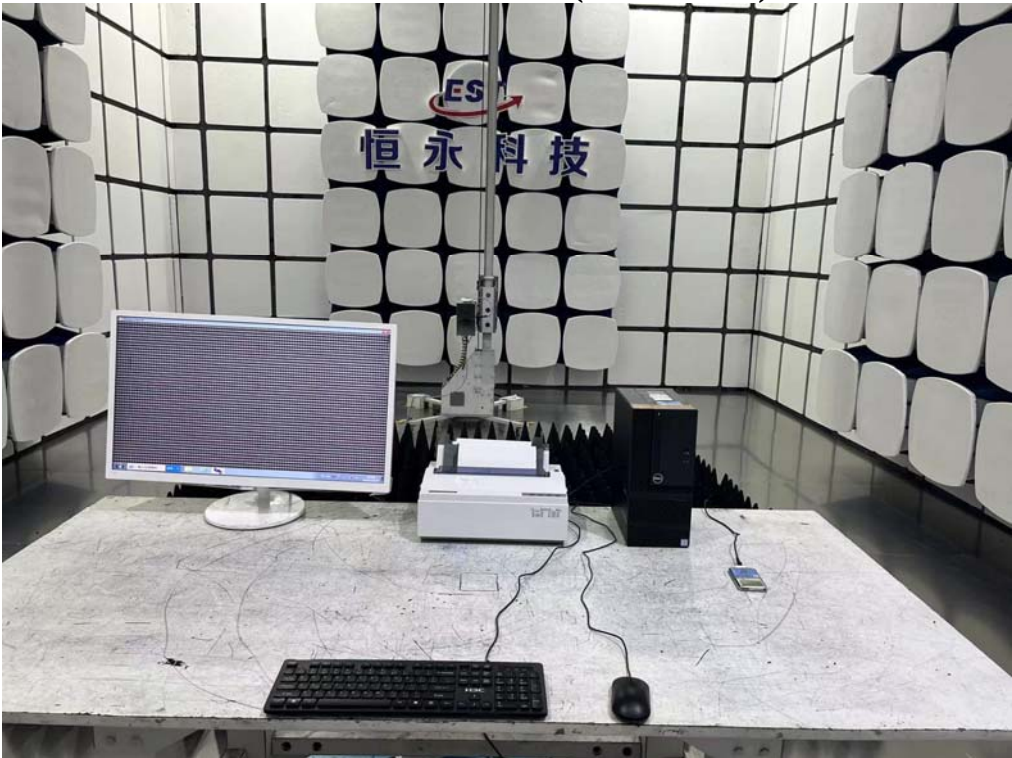
Conducted Emission Test



Radiated Emission Test (Below 1GHz)

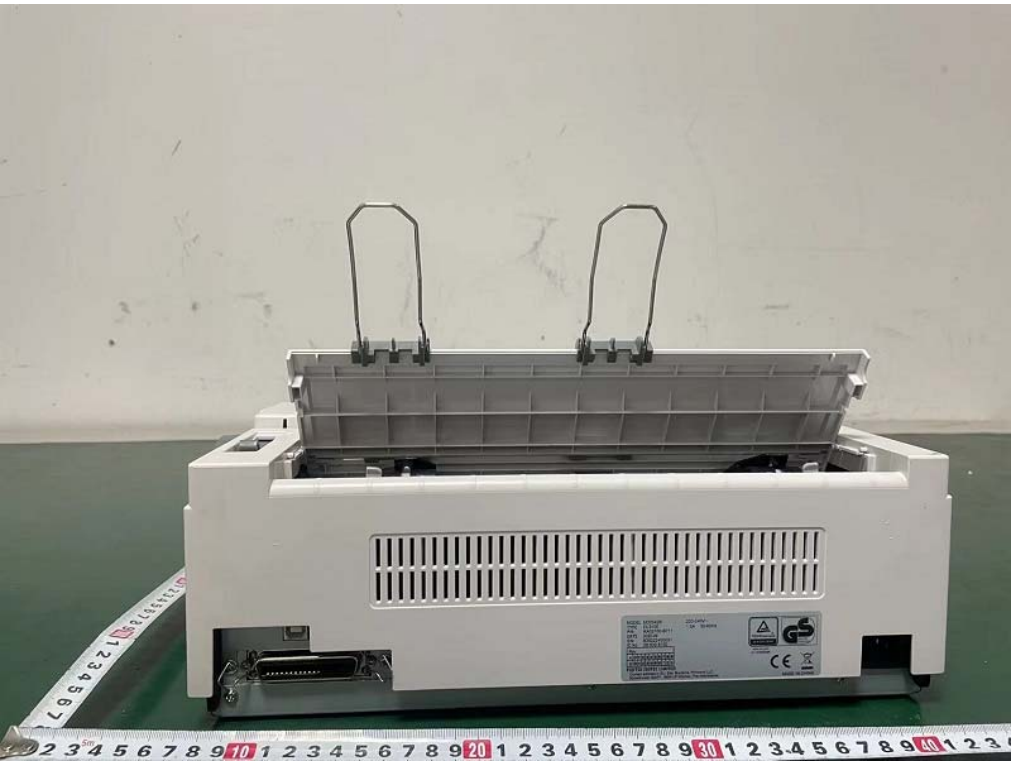


Radiated Emission Test (Above 1GHz)

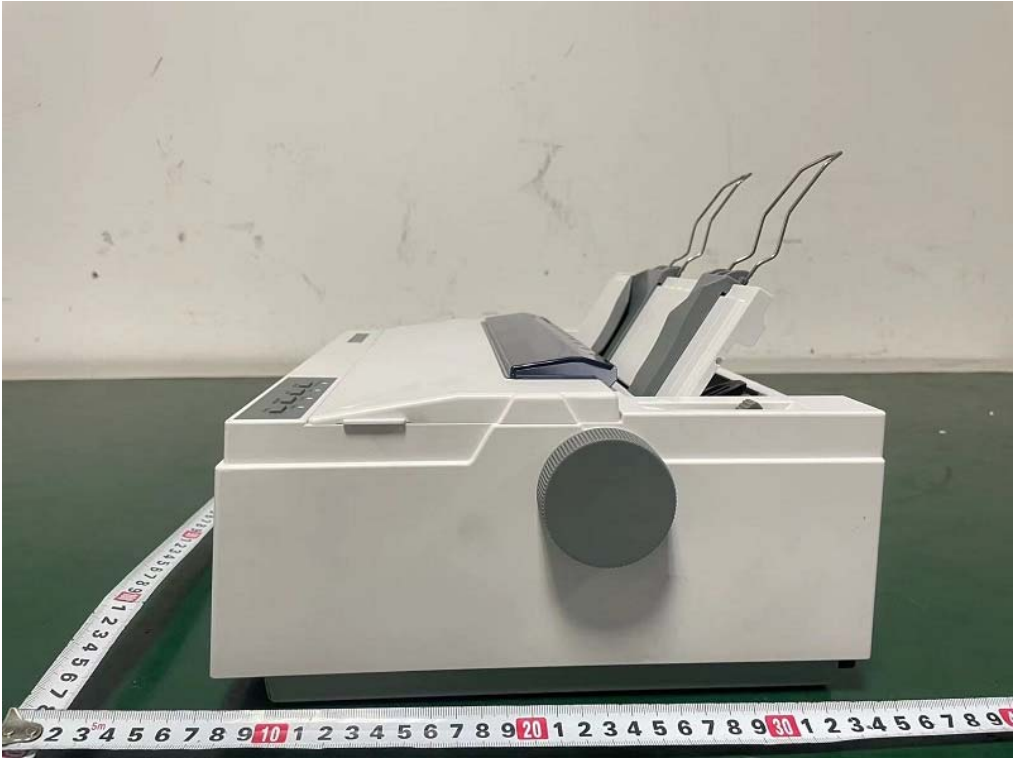
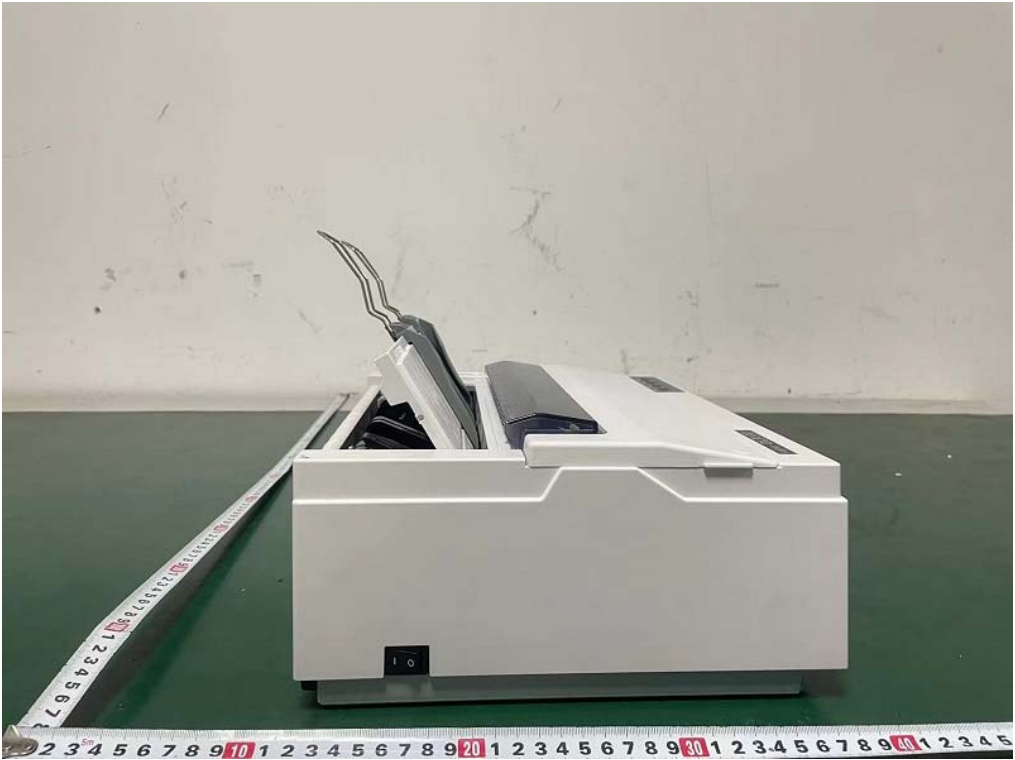


7. EUT PHOTO

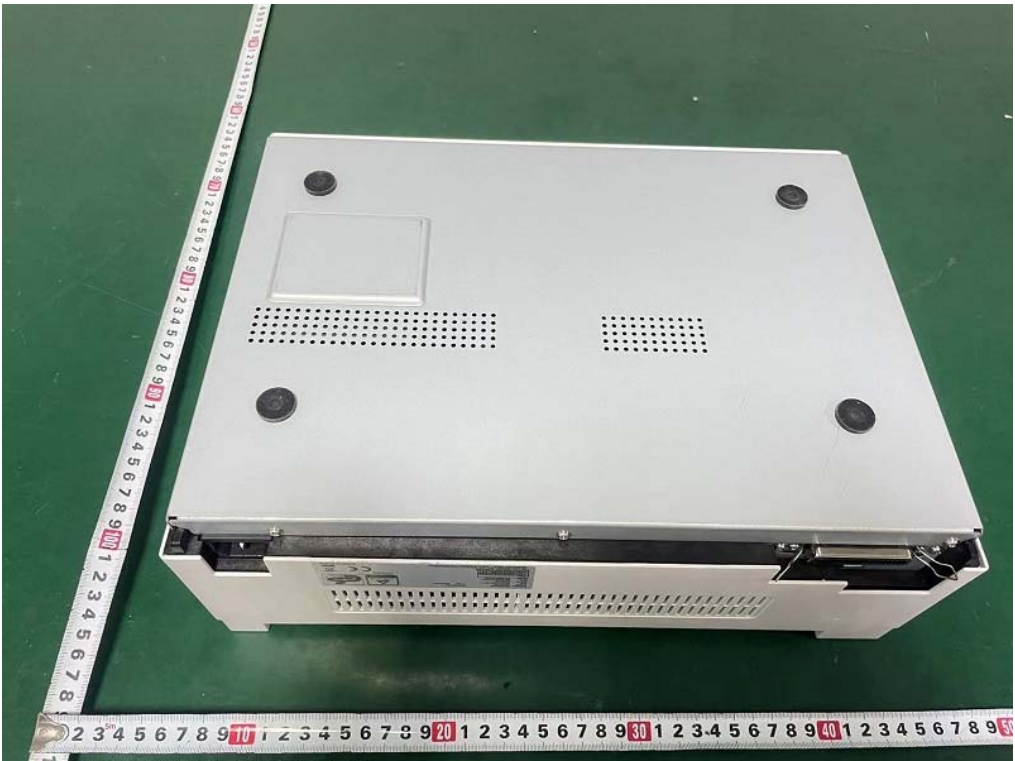
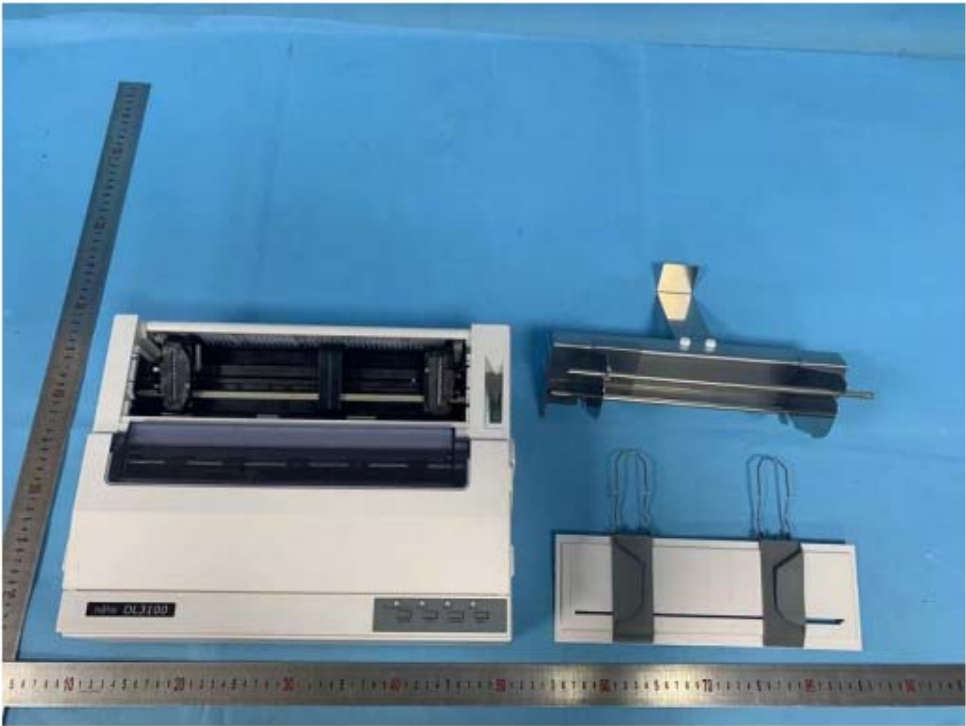
External Photos
M/N: DL3100



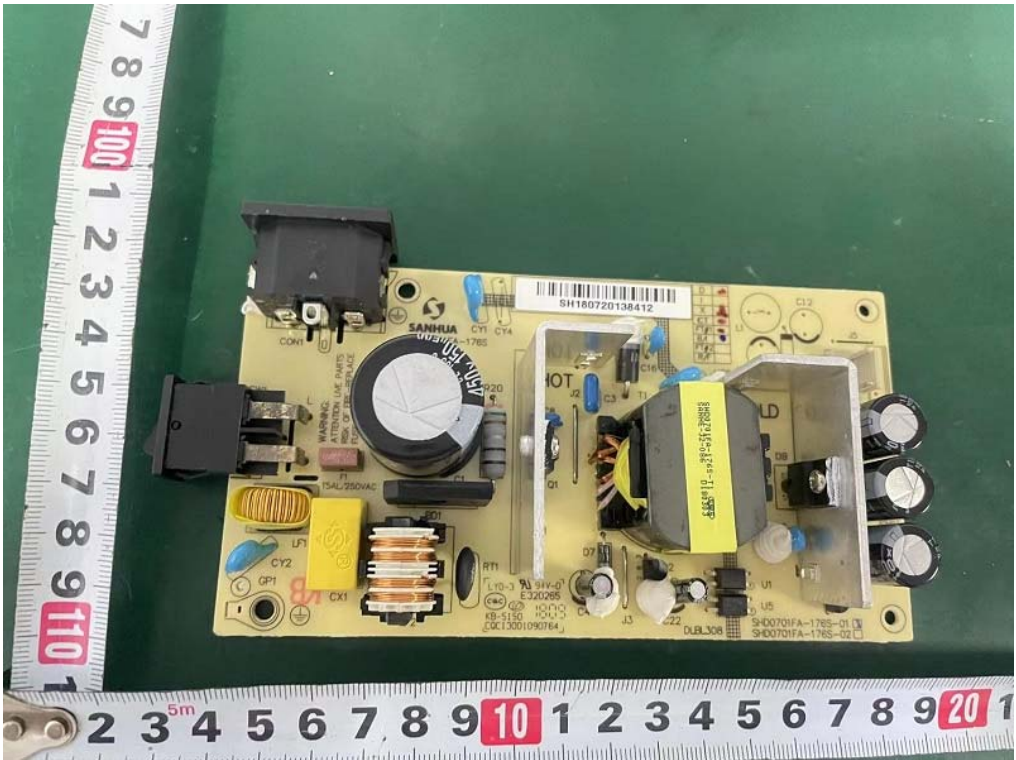
External Photos
M/N: DL3100



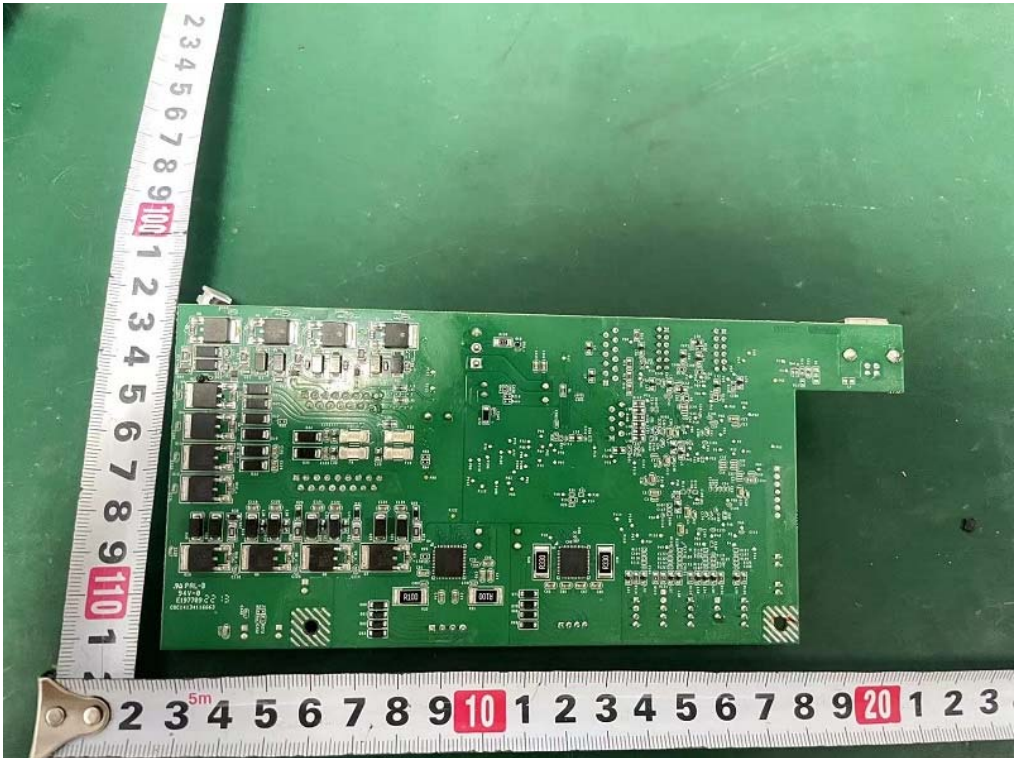
External Photos
M/N: DL3100



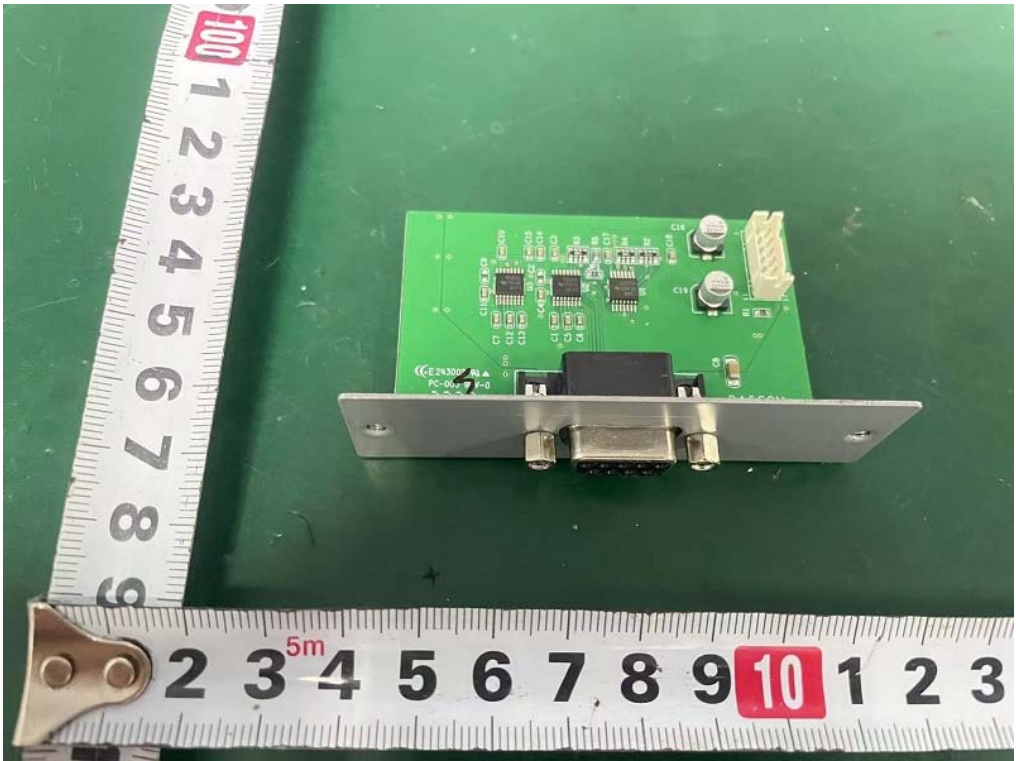
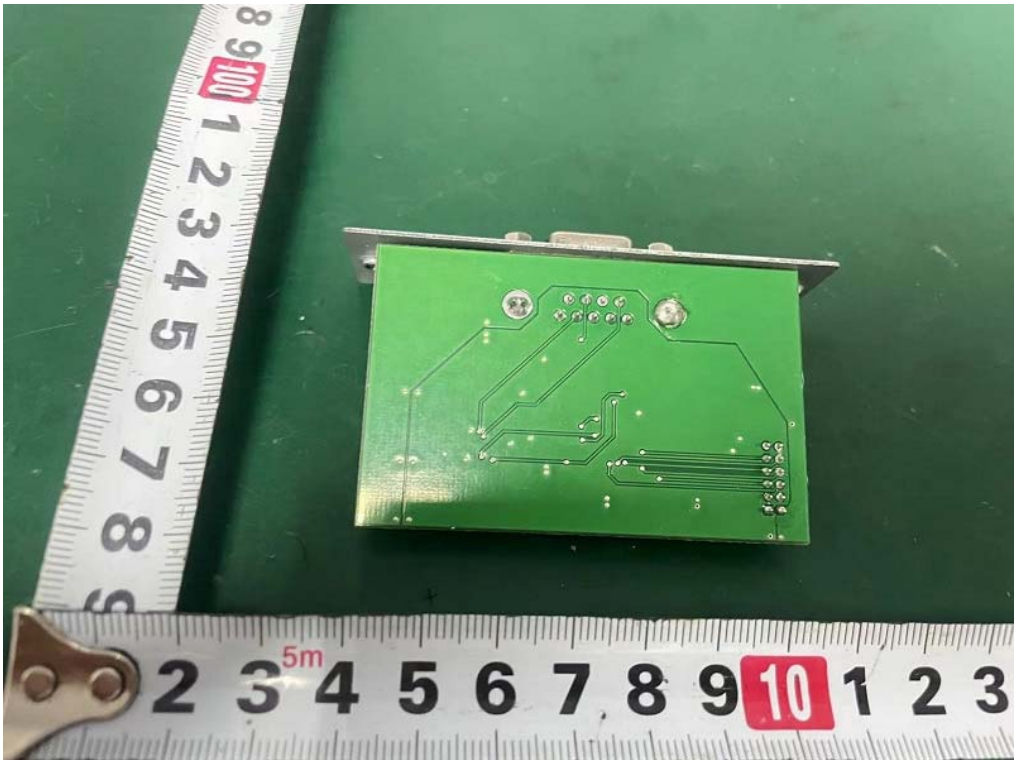
Internal Photos
M/N: DL3100



Internal Photos
M/N: DL3100



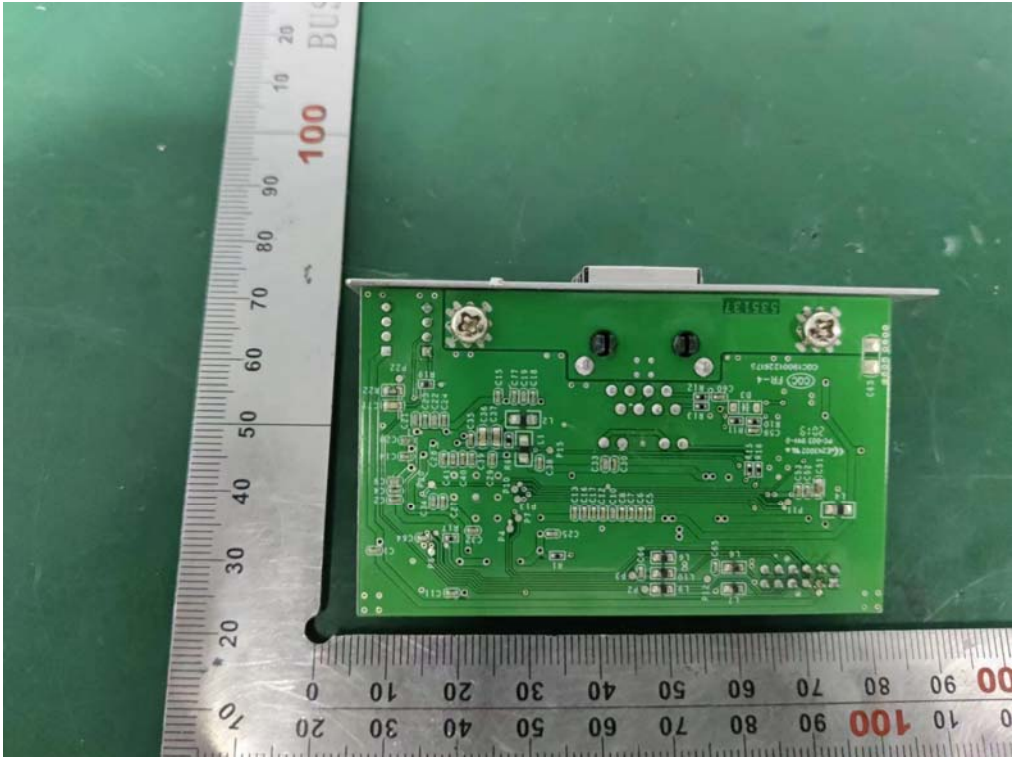
Internal Photos
M/N: DL3100



Internal Photos
M/N: DL3100



Internal Photos
M/N: DL3100



Internal Photos
M/N: DL3100



End of Test Report