

FCC - TEST REPORT

Report Number : **68.760.17.444.01** Date of Issue: January 17, 2018

Model : **7033-30-00, 7033-10-00, 7033-30-00, 7033-70-00**

Product Type : Label printer

Applicant : LEITZ ACCO Brands GmbH & Co., KG

Address : Siemensstrasse 64, 70469 Stuttgart, GERMANY

Production Facility : Longtech Plastic & Metal Works (shenzhen) Ltd.

Address : No. 14-15 Block, Jinbi Industrial Zone Huangtian,

Xixiang Town, Baoan District, 518128 Shenzhen,

PEOPLE'S REPUBLIC OF CHINA

Test Result : ☒ **Positive** ☐ **Negative**

Total pages including
Appendices : 38

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2. Details about the Test Laboratory

Details about the Test Laboratory

Company name: TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park,
Nantou Checkpoint Road 2, Nanshan District,
Shenzhen City, 518052,
P. R. China

FCC Registration Number: 514049

Telephone: 86 755 8828 6998
Fax: 86 755 8828 5299

3. Description of the Equipment Under Test

Product: Label printer

Model no.: 7033-30-00

Brand Name: NIL

Options and accessories: DC Cable: 1.15m with one core, Shielded, Undetachable
AC Cable: 1.4m, Unshielded, Detachable
USB Cable: 1.94m, Shielded, Detachable

Rating: 24VDC, 4.0A (Supplied by Switching Power Adapter)
or 24VDC, 2405mAh (Supplied by Leltz Icon Battery Pack)
Switching Power Adapter (M/N: SRPS-09604), manufactured by
Shanghai ShenRui Electric Co., Ltd with the follow ratings:
Input: 100-240VAC, 2-1.2A, 50/60Hz
Output: 24VDC, 4.0A

Description of the EUT: 7033-30-00, 7033-10-00, 7033-30-00 and 7033-70-00 are the same
expect the model name and color of appearance.

Auxiliary Equipment (cable) Used during Test:

DESCRIPTION	MANUFACTURER	MODEL NO.(SHIELD)	S/N
Laptop	LENOVO	X240	L34015282
Laptop	LENOVO	T460S	PC-0DBR0H

4. Summary of Test Standards

Test Standards	
FCC Part 15 Subpart B 10-1-16 Edition	Unintentional Radiators

5. Summary of Test Results

Emission Tests				
FCC Part 15 Subpart B, 10-1-16 Edition				
Test Condition Class B	Pages	Test Result		
		Pass	Fail	N/A
Conducted Emission on AC 150kHz to 30MHz	9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Radiated Emission (3 semi-anechoic chamber) 30MHz to 1000MHz	13	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Radiated Emission (3 semi-anechoic chamber) 1GHz to 18GHz	21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. General Remarks

Remarks

This submittal(s) (test report) is intended for FCC ID: 2ABUI70333000 complies with Section 15.107, 15.109 of the FCC Part 15, Subpart B Rules.

7033-30-00, 7033-10-00, 7033-30-00 and 7033-70-00 are the same expect the model name and color of appearance. So the EMC full tests were applied on 7033-30-00, other models were deemed to fulfil the EMC requirement without the further test.

SUMMARY:

All tests according to the regulations cited on page 5 were

☒ - Performed

☐ - Not Performed

The Equipment under Test

☒ - **Fulfills** the general approval requirements.

☐ - **Does not** fulfill the general approval requirements.

Sample Received Date: August 07, 2017

Testing Start Date: August 07, 2017

Testing End Date: January 08, 2018

- TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch -

Reviewed by:

Prepared by:

Trevor You



Nick Huang

Trevor You
EMC Senior Project Engineer

Nick Huang
EMC Project Engineer

7. Systems test configuration

Auxiliary Equipment Used during Test:

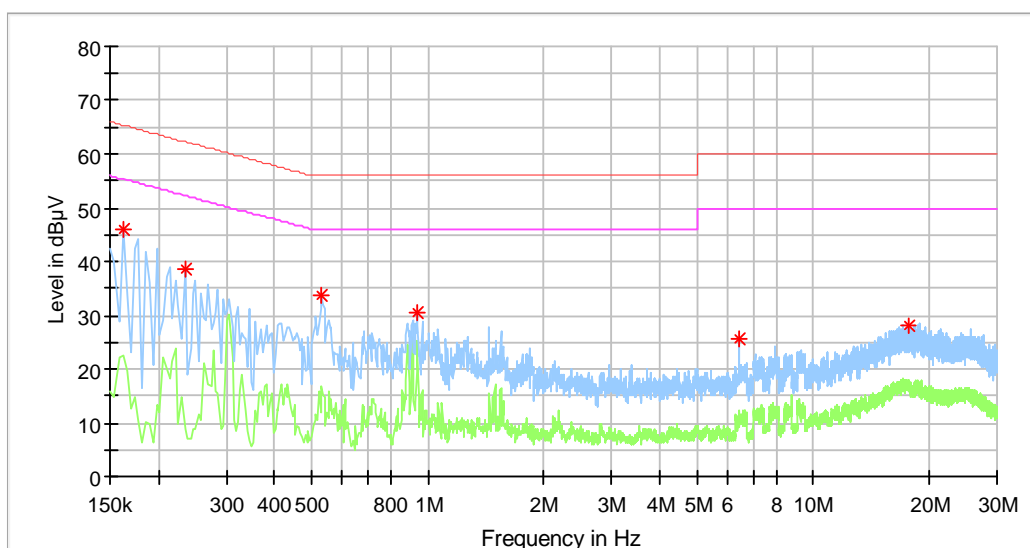
DESCRIPTION	MANUFACTURE R	MODEL NO.(SHIELD)	S/N(LENGTH)
Laptop	LENOVO	X240	L34015282
Laptop	LENOVO	T460S	PC-0DBR0H

8. Emission Test Result

8.1 Conducted Emission Test at AC mains terminals 150kHz – 30MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : USB Print
 Test specification : Power Line, Live
 Comment : AC 120V/60Hz
 Date of test : 04 September 2017

Temperature (°C): 23.7 Relative Humidity (%): 58.4 Atmospheric Pressure(mbar) : 1007



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr.* (dB)
0.162000	45.91	---	65.36	19.45	L1	10.2
0.234000	38.43	---	62.31	23.88	L1	10.2
0.530000	33.78	---	56.00	22.22	L1	10.2
0.938000	30.39	---	56.00	25.61	L1	10.2
6.402000	25.71	---	60.00	34.29	L1	10.5
17.630000	28.16	---	60.00	31.84	L1	10.9

Final Result

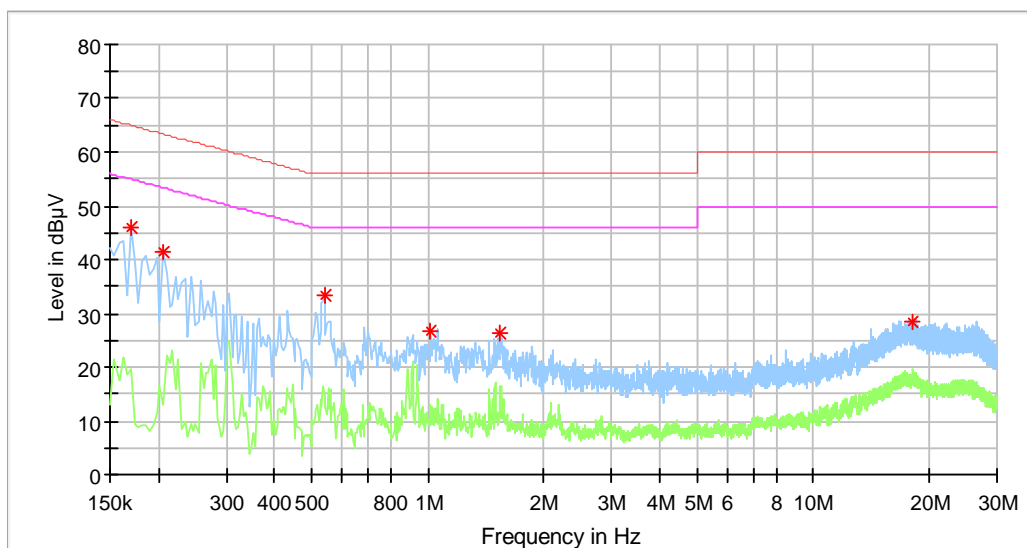
Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr.* (dB)
---	---	---	---	---	---	---

Remark: “*” Correct factor=cable loss + LISN factor

Conducted Emission Test at AC mains terminals 150kHz – 30MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : USB Print
 Test specification : Power Line, Neutral
 Comment : AC 120V/60Hz
 Date of test : 04 September 2017

Temperature (°C): 23.7 Relative Humidity (%): 58.4 Atmospheric Pressure(mbar) : 1007



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr.* (dB)
0.170000	45.95	---	64.96	19.01	N	10.3
0.206000	41.29	---	63.37	22.07	N	10.3
0.538000	33.49	---	56.00	22.51	N	10.4
1.018000	26.67	---	56.00	29.33	N	10.4
1.546000	26.32	---	56.00	29.68	N	10.4
18.122000	28.44	---	60.00	31.56	N	11.4

Final Result

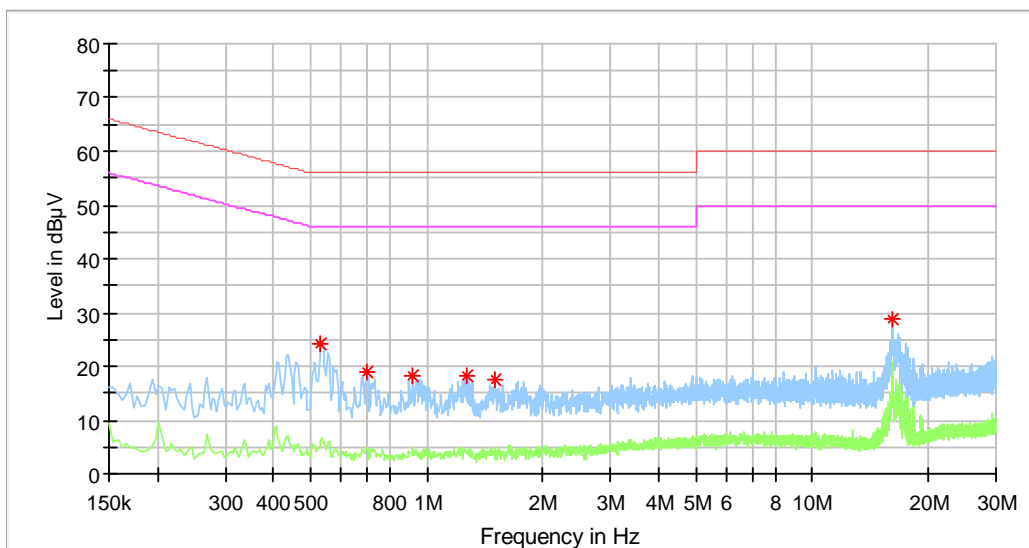
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr.* (dB)
---	---	---	---	---	---	---

Remark: "—" Correct factor=cable loss + LISN factor

Conducted Emission Test at AC mains terminals 150kHz – 30MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : WIFI Print
 Test specification : Power Line, Live
 Comment : AC 120V/60Hz
 Date of test : 21 December 2017

Temperature (°C): 24.2 Relative Humidity (%): 58.6 Atmospheric Pressure(mbar) : 1009



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr.* (dB)
0.530000	24.15	---	56.00	31.85	L1	10.2
0.702000	18.88	---	56.00	37.12	L1	10.2
0.922000	18.25	---	56.00	37.75	L1	10.2
1.274000	18.31	---	56.00	37.69	L1	10.2
1.506000	17.66	---	56.00	38.34	L1	10.2
16.230000	28.63	---	60.00	31.37	L1	10.8

Final Result

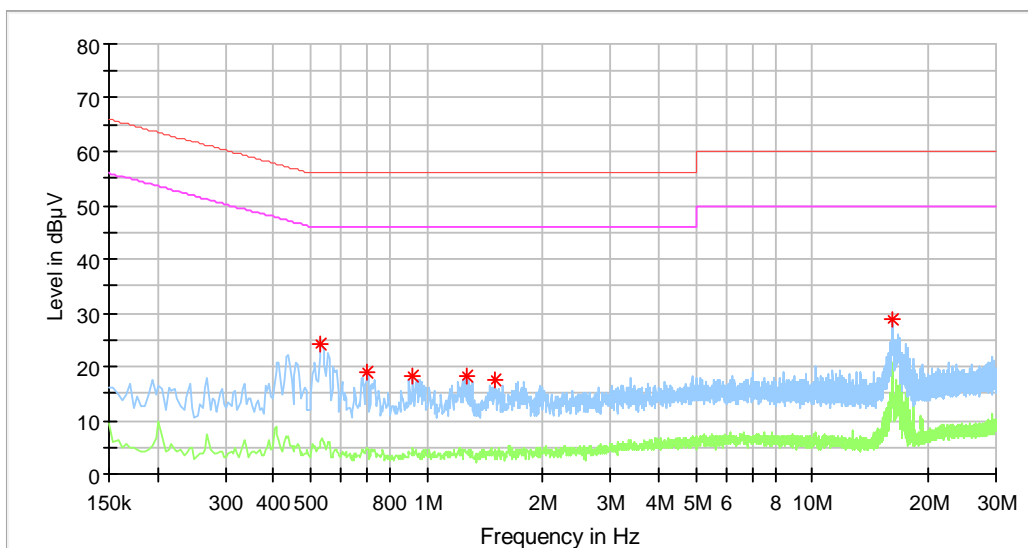
Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr.* (dB)
---	---	---	---	---	---	---

Remark: “**” Correct factor=cable loss + LISN factor

Conducted Emission Test at AC mains terminals 150kHz – 30MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : WIFI Print
 Test specification : Power Line, Live
 Comment : AC 120V/60Hz
 Date of test : 21 December 2017

Temperature (°C): 24.2 Relative Humidity (%): 58.6 Atmospheric Pressure(mbar) : 1009



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr.* (dB)
0.530000	24.15	---	56.00	31.85	L1	10.2
0.702000	18.88	---	56.00	37.12	L1	10.2
0.922000	18.25	---	56.00	37.75	L1	10.2
1.274000	18.31	---	56.00	37.69	L1	10.2
1.506000	17.66	---	56.00	38.34	L1	10.2
16.230000	28.63	---	60.00	31.37	L1	10.8

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr.* (dB)
---	---	---	---	---	---	---

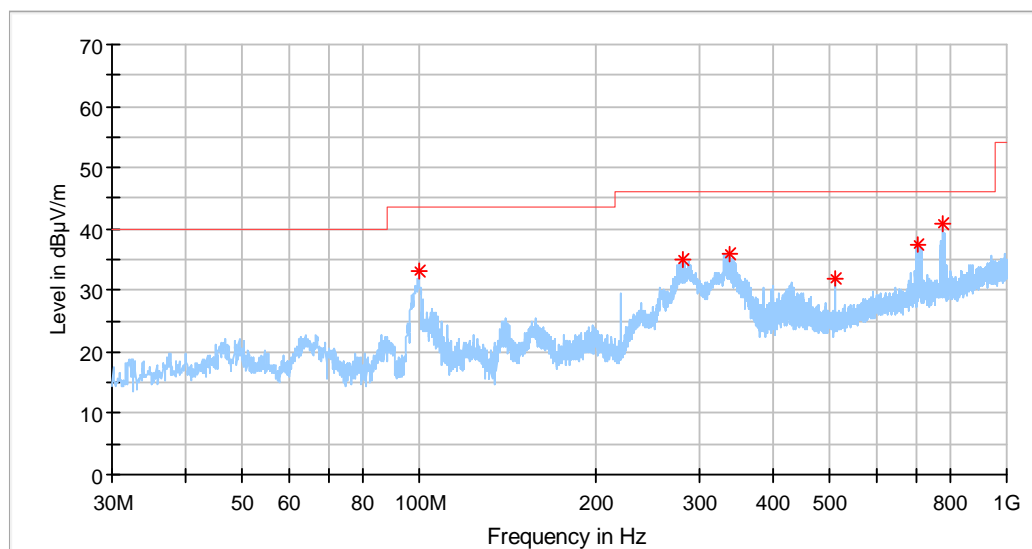
Remark: "**" Correct factor=cable loss + LISN factor

8.2 Radiated Emission Test 30MHz – 18000MHz

Radiated Emission Test 30MHz – 1000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : USB Print
 Tested on : Horizontal
 Comment : AC 120V/60Hz
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
99.779375	33.31	43.50	10.19	200.0	H	227.0	16.2
281.654375	35.08	46.00	10.92	200.0	H	190.0	18.8
338.035625	35.99	46.00	10.01	100.0	H	0.0	20.3
509.968125	31.86	46.00	14.14	100.0	H	88.0	23.5
707.423750	37.47	46.00	8.53	100.0	H	170.0	27.3
779.385625	40.82	46.00	5.18	200.0	H	162.0	28.8

Final_Result

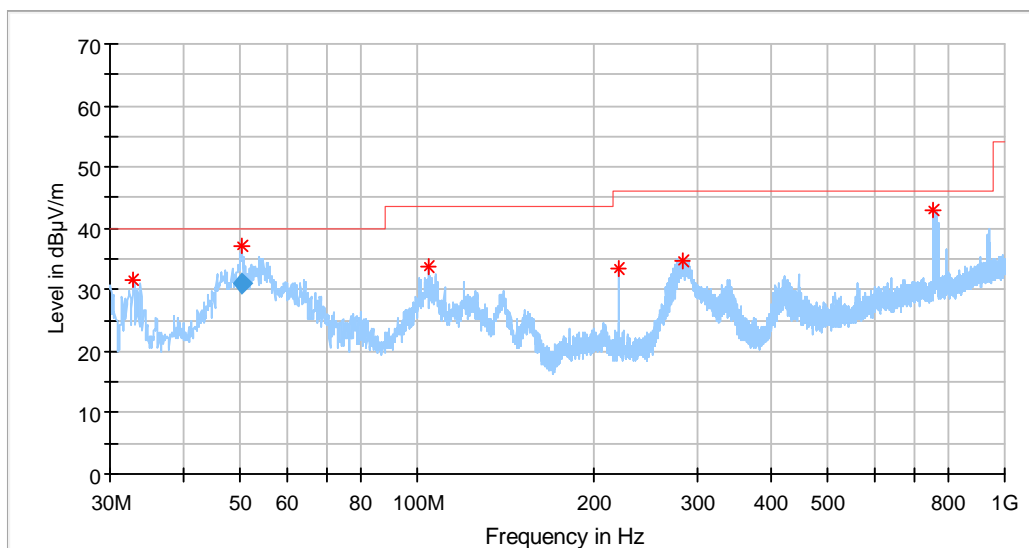
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
---	---	---	---	---	---	---	---

Remark: “*” Corrector factor = Antenna Factor + Cable Loss

Radiated Emission Test 30MHz – 1000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : USB Print
 Tested on : Vertical
 Comment : AC 120V/60Hz
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
32.788750	31.56	40.00	8.44	100.0	V	326.0	15.4
50.145938	37.05	40.00	2.95	153.0	V	45.0	18.0
104.144375	33.78	43.50	9.72	100.0	V	298.0	16.3
220.483750	33.50	46.00	12.50	100.0	V	16.0	16.7
282.018125	34.70	46.00	11.30	100.0	V	161.0	19.2
755.256875	42.96	46.00	3.04	100.0	V	0.0	28.7

Final_Result

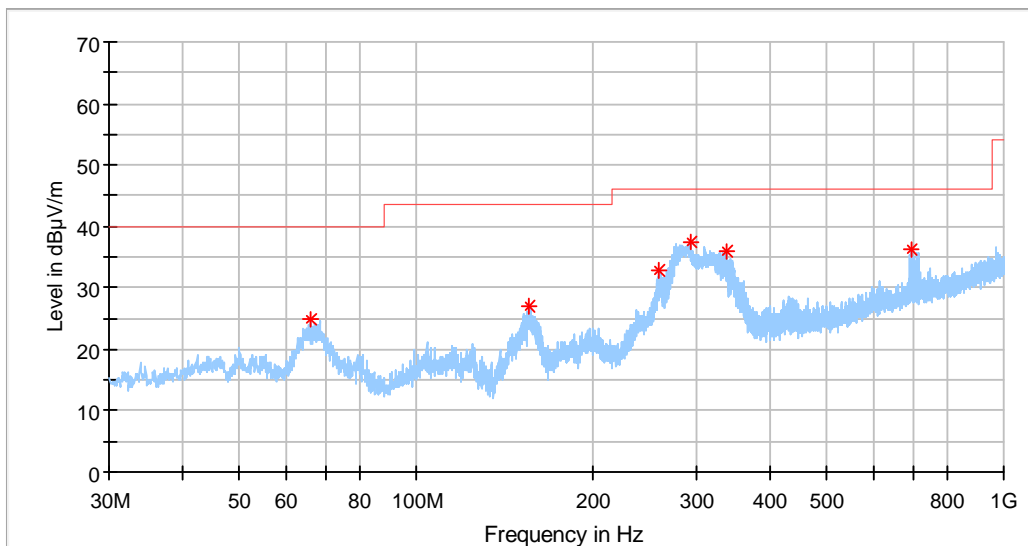
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
50.145938	31.08	40.00	8.92	153.0	V	45.0	18.0

Remark: "*" Corrector factor = Antenna Factor + Cable Loss

Radiated Emission Test 30MHz – 1000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : WIFI Print
 Tested on : Horizontal
 Comment : AC 120V/60Hz
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
66.071875	24.79	40.00	15.21	100.0	H	311.0	15.1
155.433125	26.96	43.50	16.54	200.0	H	98.0	13.0
259.950625	32.86	46.00	13.14	100.0	H	253.0	17.9
292.748750	37.38	46.00	8.62	100.0	H	42.0	19.1
337.186875	35.90	46.00	10.10	100.0	H	97.0	20.2
695.783750	36.14	46.00	9.86	100.0	H	144.0	27.3

Final Result

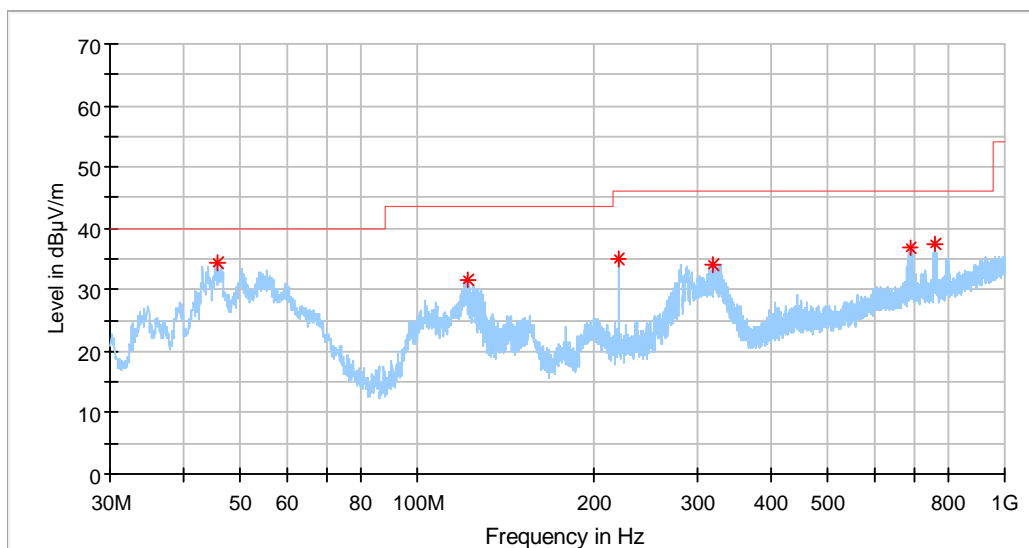
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
---	---	---	---	---	---	---	---

Remark: “*” Corrector factor = Antenna Factor + Cable Loss

Radiated Emission Test 30MHz – 1000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : WIFI Print
 Tested on : Vertical
 Comment : AC 120V/60Hz
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
45.580625	34.54	40.00	5.46	100.0	V	0.0	18.0
121.786250	31.63	43.50	11.87	100.0	V	310.0	14.3
220.483750	34.95	46.00	11.05	100.0	V	0.0	16.7
319.605625	34.12	46.00	11.88	200.0	V	154.0	19.6
691.540000	36.90	46.00	9.10	200.0	V	0.0	27.6
760.531250	37.42	46.00	8.58	100.0	V	0.0	28.9

Final_Result

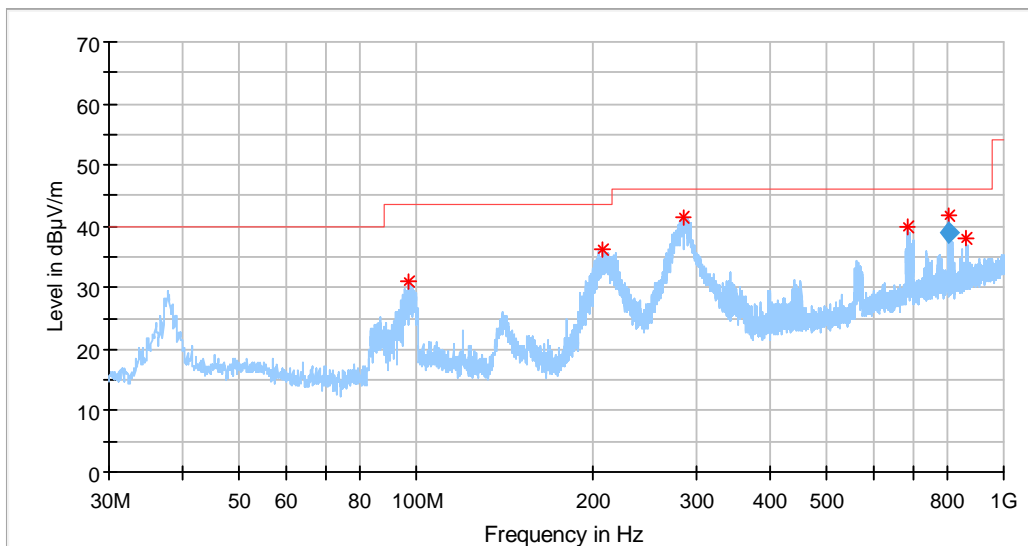
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
---	---	---	---	---	---	---	---

Remark: “*” Corrector factor = Antenna Factor + Cable Loss

Radiated Emission Test 30MHz – 1000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : USB Print
 Tested on : Horizontal
 Comment : DC 24V (Supplied by Leltz Icon Battery Pack)
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
96.748125	31.09	43.50	12.41	200.0	H	282.0	15.6
207.873750	36.17	43.50	7.33	200.0	H	135.0	16.1
285.231250	41.49	46.00	4.51	100.0	H	125.0	18.8
688.266250	39.84	46.00	6.16	200.0	H	227.0	27.1
808.466562	41.81	46.00	4.19	100.0	H	180.0	28.9
860.683750	38.21	46.00	7.79	100.0	H	207.0	29.6

Final_Result

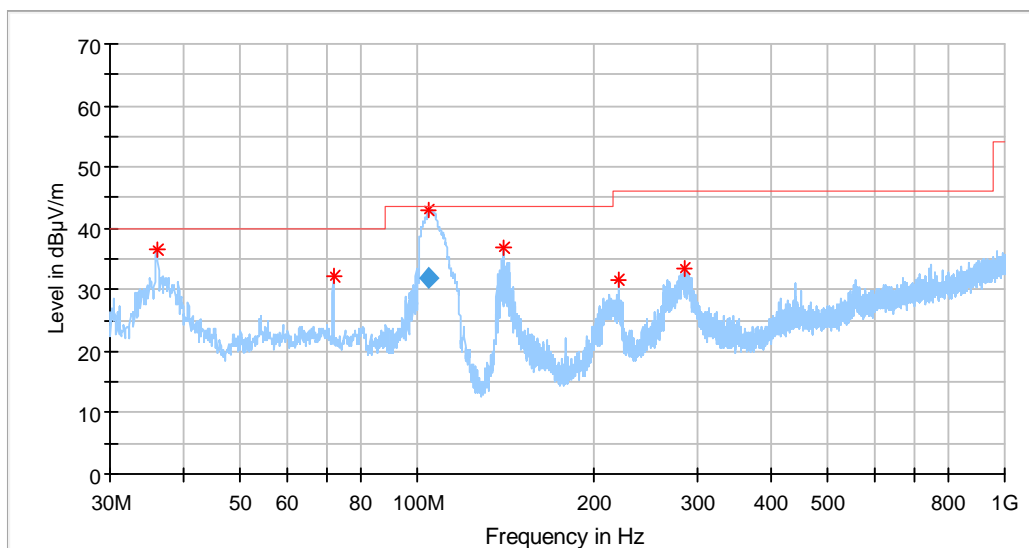
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
808.466562	39.00	46.00	7.00	100.0	H	180.0	28.8

Remark: "*" Corrector factor = Antenna Factor + Cable Loss

Radiated Emission Test 30MHz – 1000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : USB Print
 Tested on : Vertical
 Comment : DC 24V (Supplied by Leltz Icon Battery Pack)
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
36.001875	36.42	40.00	3.58	100.0	V	310.0	15.9
71.952500	32.38	40.00	7.62	200.0	V	108.0	13.1
104.116875	43.00	43.50	0.50	128.0	V	8.0	16.2
140.155625	36.84	43.50	6.66	100.0	V	0.0	13.0
220.544375	31.55	46.00	14.45	200.0	V	355.0	16.7
285.170625	33.61	46.00	12.39	200.0	V	99.0	19.2

Final_Result

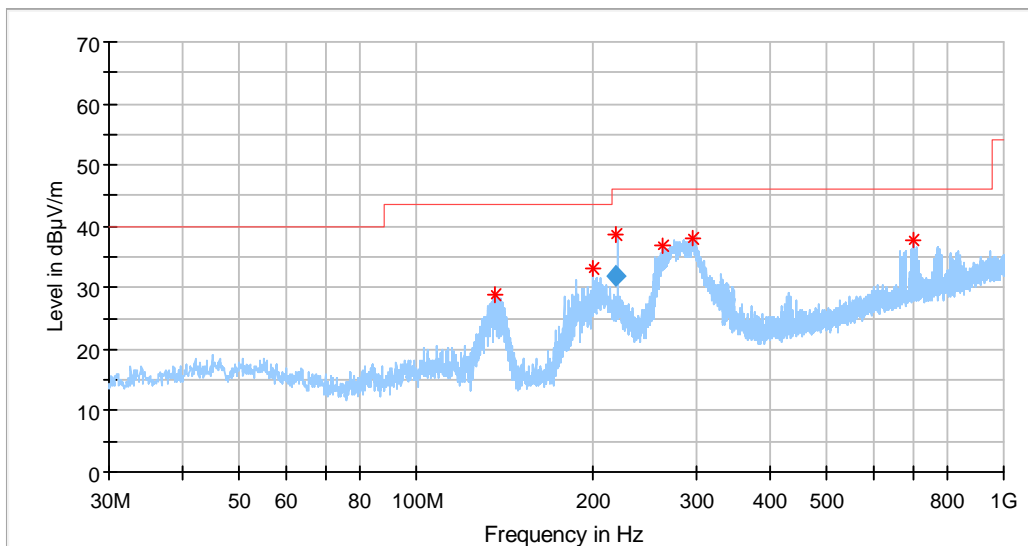
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
104.116875	31.78	43.50	11.72	128.0	V	8.0	16.3

Remark: “*” Corrector factor = Antenna Factor + Cable Loss

Radiated Emission Test 30MHz – 1000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : WIFI Print
 Tested on : Horizontal
 Comment : DC 24V (Supplied by Leltz Icon Battery Pack)
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
136.275625	28.79	43.50	14.71	200.0	H	115.0	12.6
199.446875	33.03	43.50	10.47	100.0	H	78.0	16.1
218.077188	38.56	46.00	7.44	128.0	H	70.0	16.4
262.618125	36.72	46.00	9.28	100.0	H	78.0	18.1
295.355625	37.94	46.00	8.06	100.0	H	115.0	19.2
701.785625	37.84	46.00	8.16	100.0	H	0.0	27.4

Final_Result

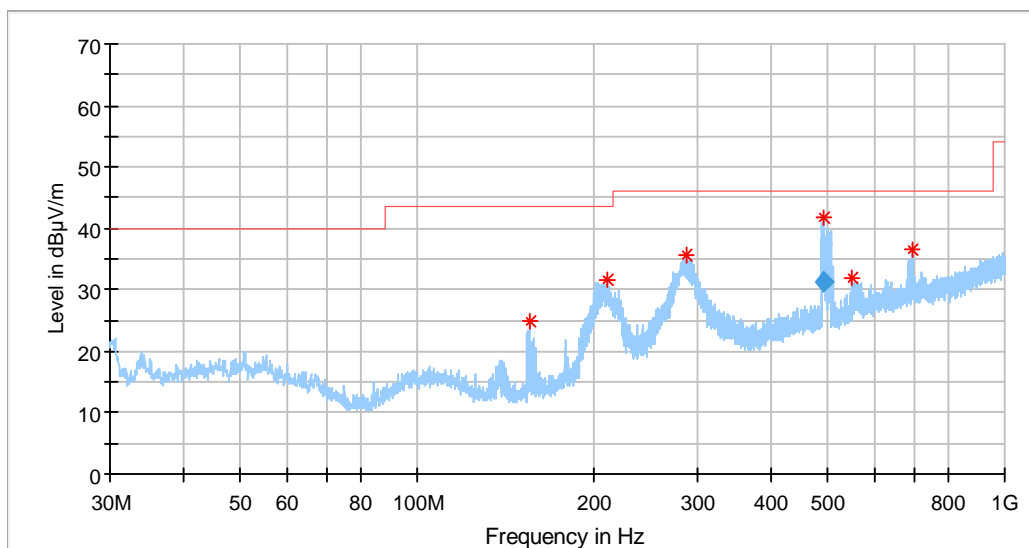
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
218.077188	31.82	46.00	14.18	128.0	H	70.0	16.3

Remark: "*" Corrector factor = Antenna Factor + Cable Loss

Radiated Emission Test 30MHz – 1000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : WIFI Print
 Tested on : Vertical
 Comment : DC 24V (Supplied by Leltz Icon Battery Pack)
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
155.311875	24.75	43.50	18.75	200.0	V	0.0	13.4
210.359375	31.53	43.50	11.97	200.0	V	0.0	16.3
286.928750	35.71	46.00	10.29	200.0	V	35.0	19.3
494.104688	41.72	46.00	4.28	300.0	V	61.0	23.9
549.980625	31.90	46.00	14.10	200.0	V	155.0	24.7
698.511875	36.44	46.00	9.56	200.0	V	35.0	27.8

Final_Result

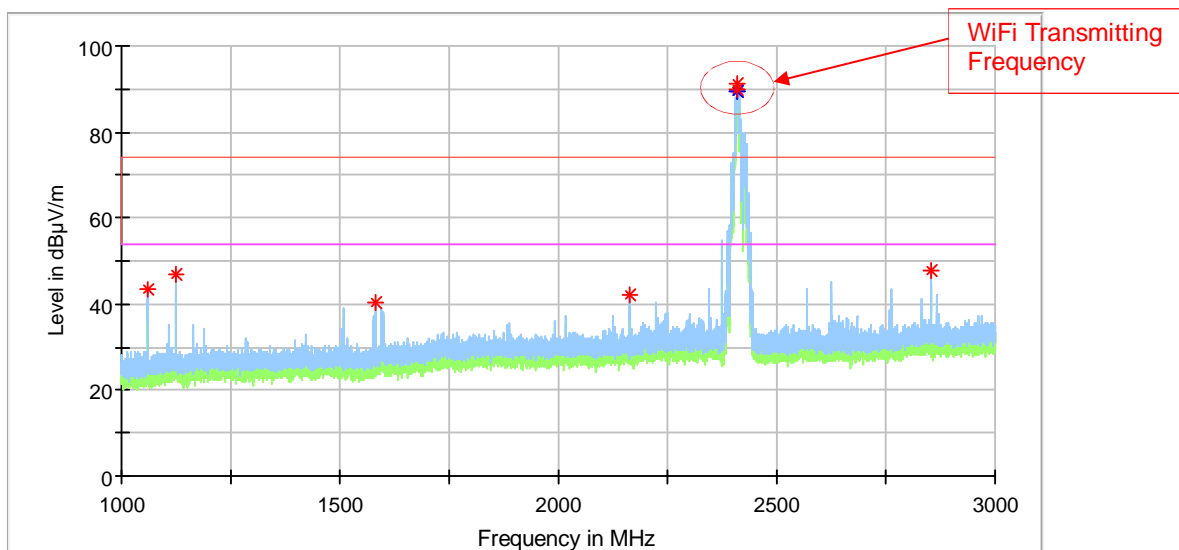
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
494.104688	31.23	46.00	14.77	300.0	V	61.0	23.9

Remark: "*" Corrector factor = Antenna Factor + Cable Loss

Radiated Emission Test 1000MHz – 3000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : USB Print
 Tested on : Horizontal
 Comment : AC 120V/60Hz
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
1060.916667	43.49	---	74.00	30.51	100.0	H	354.0	-15.3
1123.666667	46.92	---	74.00	27.08	100.0	H	297.0	-14.9
1580.666667	40.40	---	74.00	33.60	100.0	H	330.0	-12.1
2163.000000	42.05	---	74.00	31.95	100.0	H	297.0	-8.7
2852.166667	47.67	---	74.00	26.33	100.0	H	354.0	-6.0

Final_Result

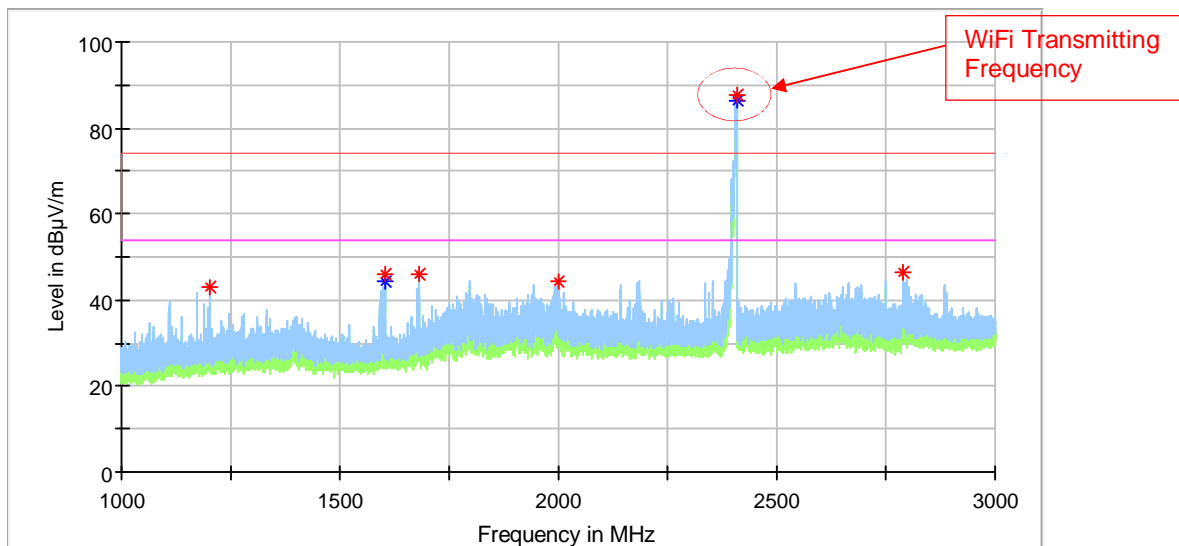
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
---	---	---	---	---	---		---	---

Remark: "*" Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain

Radiated Emission Test 1000MHz – 3000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : USB Print
 Tested on : Vertical
 Comment : AC 120V/60Hz
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
1201.916667	42.78	---	74.00	31.22	100.0	V	106.0	-14.2
1604.416667	45.97	---	74.00	28.03	100.0	V	10.0	-11.9
1604.416667	---	44.39	54.00	9.61	100.0	V	10.0	-11.9
1679.916667	45.98	---	74.00	28.02	100.0	V	10.0	-10.8
1999.166667	44.40	---	74.00	29.60	100.0	V	106.0	-9.0
2787.083333	46.70	---	74.00	27.30	100.0	V	38.0	-6.4

Final_Result

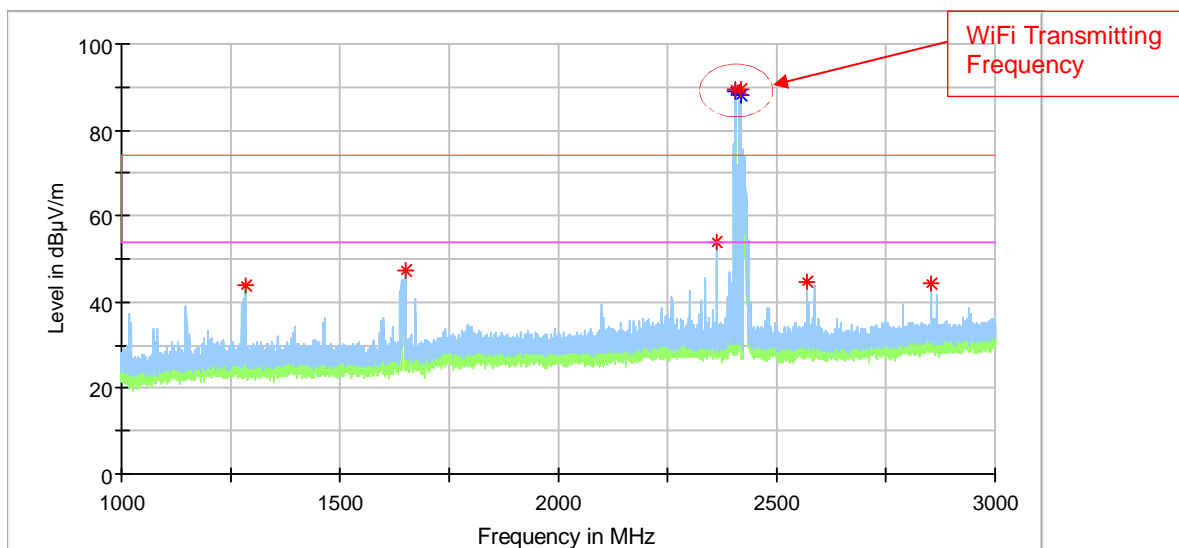
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
---	---	---	---	---	---	---	---	---

Remark: "***" Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain

Radiated Emission Test 1000MHz – 3000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : WIFI Print
 Tested on : Horizontal
 Comment : AC 120V/60Hz
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
1282.333333	44.03	---	74.00	29.97	100.0	H	63.0	-13.9
1649.000000	47.55	---	74.00	26.45	100.0	H	63.0	-11.6
2363.500000	53.89	---	74.00	20.11	100.0	H	222.0	-8.2
2570.500000	44.94	---	74.00	29.06	100.0	H	287.0	-7.5
2855.333333	44.45	---	74.00	29.55	100.0	H	136.0	-6.0

Final_Result

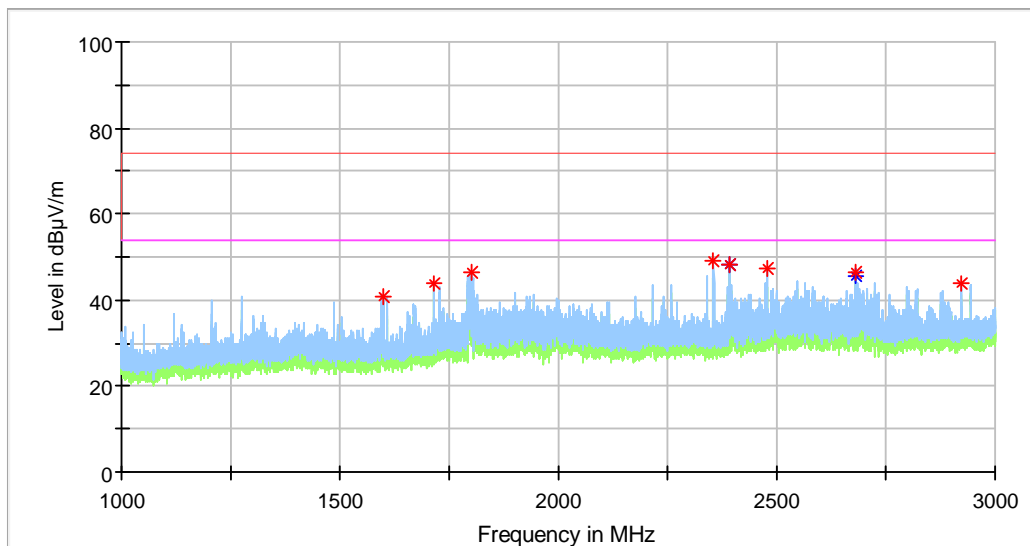
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
---	---	---	---	---	---		---	---

Remark: "*" Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain

Radiated Emission Test 1000MHz – 3000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : WIFI Print
 Tested on : Vertical
 Comment : AC 120V/60Hz
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
1597.833333	40.95	---	74.00	33.05	100.0	V	152.0	-11.9
1716.750000	44.00	---	74.00	30.00	100.0	V	174.0	-10.8
1801.250000	46.46	---	74.00	27.54	100.0	V	86.0	-10.2
2355.583333	49.03	---	74.00	24.97	100.0	V	97.0	-8.0
2394.166667	48.30	---	74.00	25.70	100.0	V	349.0	-7.9
2394.166667	---	48.11	54.00	5.89	100.0	V	349.0	-7.9
2478.000000	47.38	---	74.00	26.62	100.0	V	290.0	-7.9
2681.916667	46.54	---	74.00	27.46	100.0	V	119.0	-6.7
2681.916667	---	45.77	54.00	8.23	100.0	V	119.0	-6.7
2921.500000	44.08	---	74.00	29.92	100.0	V	247.0	-5.5

Final Result

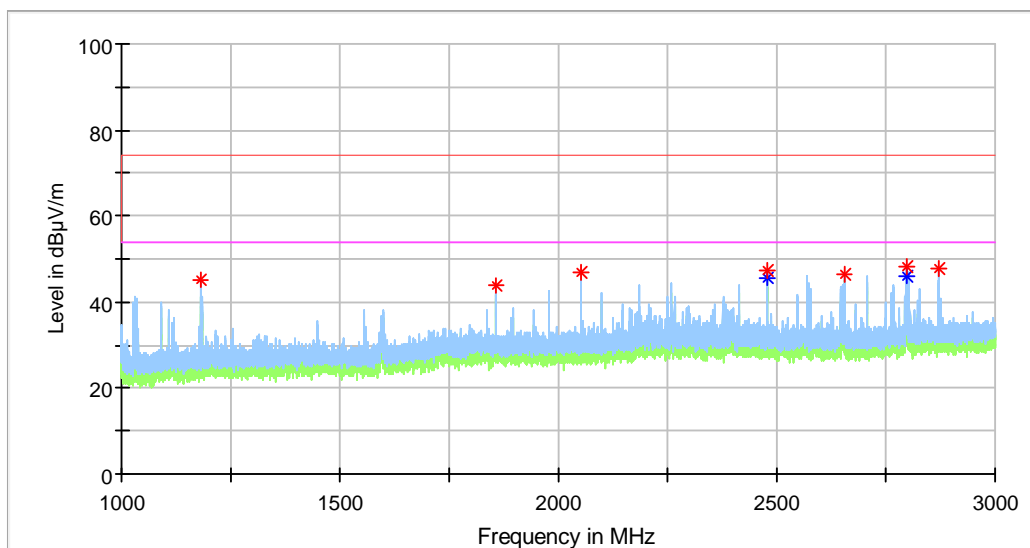
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
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Remark: "*" Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain

Radiated Emission Test 1000MHz – 3000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : USB Print
 Tested on : Horizontal
 Comment : DC 24V (Supplied by Leltz Icon Battery Pack)
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
1183.000000	45.10	---	74.00	28.90	100.0	H	76.0	-14.5
1857.583333	43.97	---	74.00	30.03	100.0	H	349.0	-9.5
2053.416667	46.79	---	74.00	27.21	100.0	H	76.0	-9.1
2478.500000	47.26	---	74.00	26.74	100.0	H	44.0	-8.0
2478.500000	---	45.60	54.00	8.40	100.0	H	44.0	-8.0
2656.500000	46.48	---	74.00	27.52	100.0	H	141.0	-6.9
2797.583333	48.34	---	74.00	25.66	100.0	H	141.0	-6.3
2797.583333	---	45.97	54.00	8.03	100.0	H	141.0	-6.3
2870.583333	47.88	---	74.00	26.12	100.0	H	44.0	-5.9

Final_Result

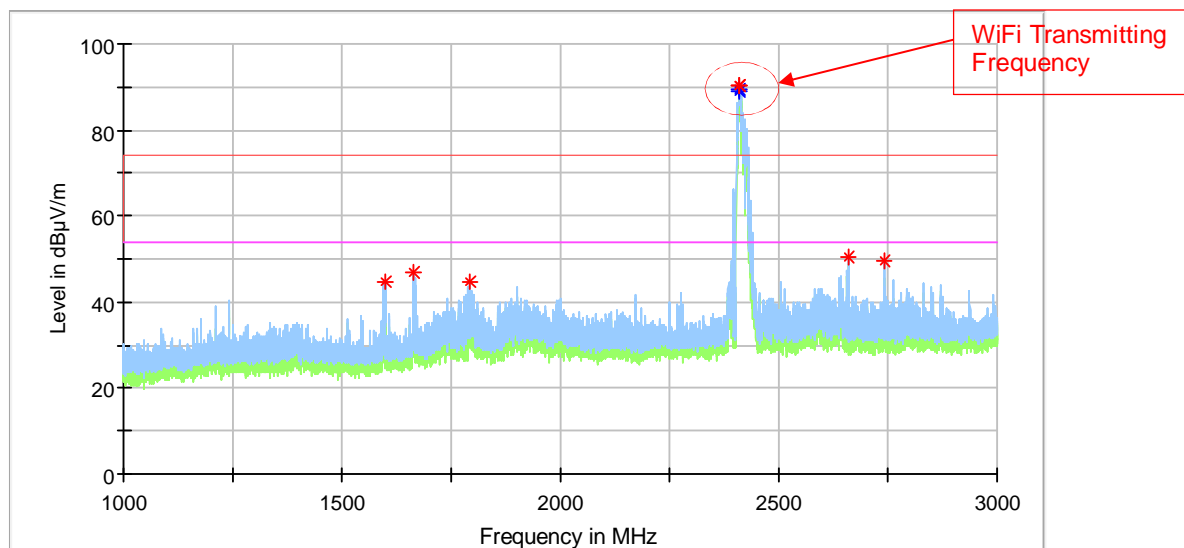
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
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Remark: "*" Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain

Radiated Emission Test 1000MHz – 3000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : USB Print
 Tested on : Vertical
 Comment : DC 24V (Supplied by Leltz Icon Battery Pack)
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
1598.166667	44.64	---	74.00	29.36	100.0	V	144.0	-11.9
1664.750000	46.92	---	74.00	27.08	100.0	V	123.0	-11.2
1791.916667	44.59	---	74.00	29.41	100.0	V	89.0	-10.3
2658.166667	50.31	---	74.00	23.69	100.0	V	89.0	-6.8
2742.583333	49.36	---	74.00	24.64	100.0	V	22.0	-6.3

Final_Result

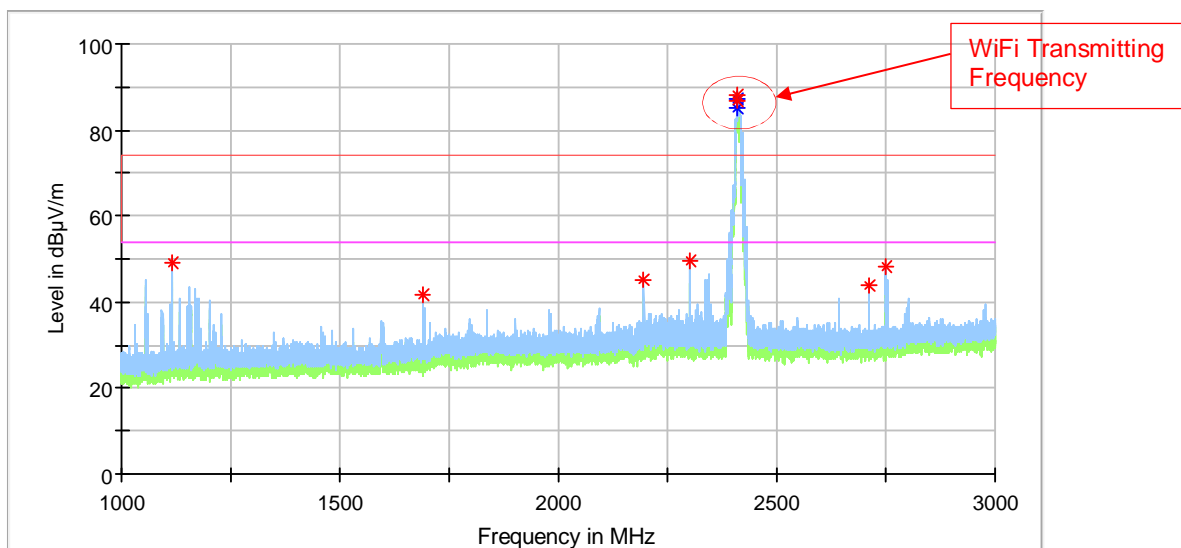
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
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Remark: "*" Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain

Radiated Emission Test 1000MHz – 3000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : WIFI Print
 Tested on : Horizontal
 Comment : DC 24V (Supplied by Leltz Icon Battery Pack)
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
1117.666667	48.94	---	74.00	25.06	100.0	H	181.0	-14.9
1691.583333	41.62	---	74.00	32.38	100.0	H	299.0	-11.5
2196.083333	44.99	---	74.00	29.01	100.0	H	0.0	-8.6
2301.833333	49.58	---	74.00	24.42	100.0	H	136.0	-8.3
2710.500000	43.92	---	74.00	30.08	100.0	H	0.0	-6.6
2751.250000	48.19	---	74.00	25.81	100.0	H	299.0	-6.4

Final_Result

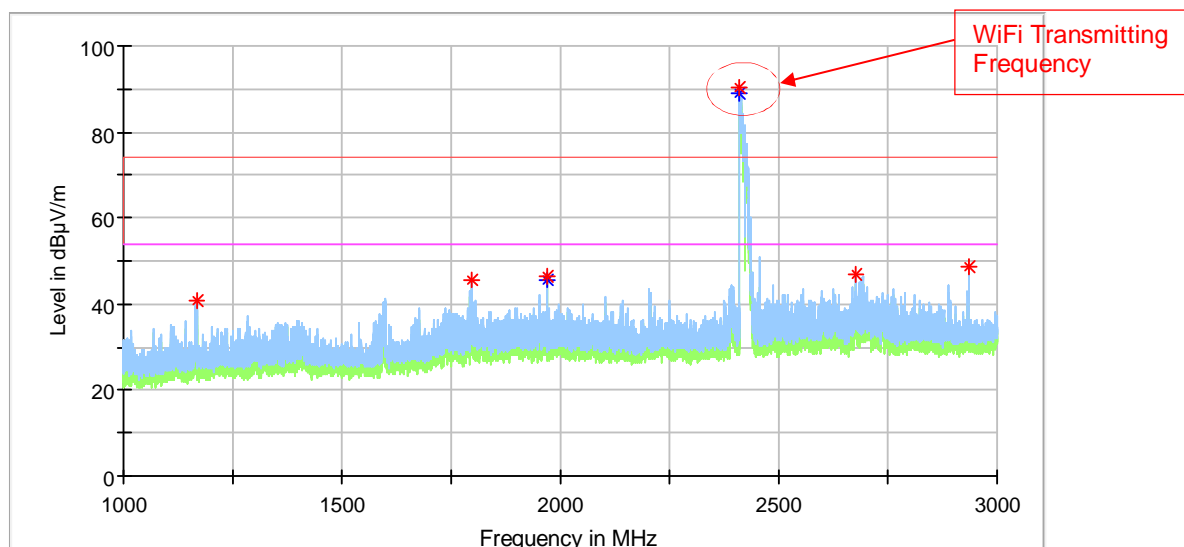
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
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Remark: "***" Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain

Radiated Emission Test 1000MHz – 3000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : WIFI Print
 Tested on : Vertical
 Comment : DC 24V (Supplied by Leltz Icon Battery Pack)
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
1166.166667	40.93	---	74.00	33.07	100.0	V	173.0	-14.4
1795.583333	45.77	---	74.00	28.23	100.0	V	319.0	-10.3
1968.750000	46.56	---	74.00	27.44	100.0	V	341.0	-9.2
1968.750000	---	45.54	54.00	8.46	100.0	V	341.0	-9.2
2675.916667	47.12	---	74.00	26.88	100.0	V	151.0	-6.8
2933.333333	48.56	---	74.00	25.44	100.0	V	341.0	-5.5

Final_Result

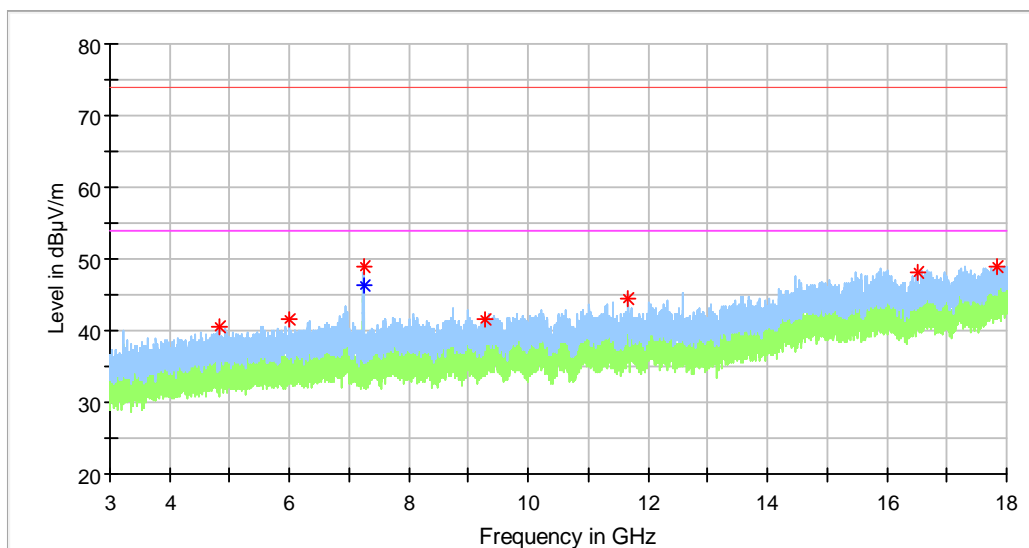
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
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Remark: "*" Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain

Radiated Emission Test 3000MHz – 18000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : USB Print
 Tested on : Horizontal
 Comment : AC 120V/60Hz
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
4812.500000	40.51	---	74.00	33.49	100.0	H	197.0	0.3
6001.250000	41.63	---	74.00	32.37	100.0	H	0.0	2.1
7242.500000	48.94	---	74.00	25.06	100.0	H	335.0	2.7
7244.375000	---	46.27	54.00	7.73	100.0	H	335.0	2.8
9273.750000	41.62	---	74.00	32.38	100.0	H	0.0	5.2
11681.250000	44.36	---	74.00	29.64	100.0	H	134.0	8.0
16510.625000	48.05	---	74.00	25.95	100.0	H	335.0	15.9
17835.000000	48.92	---	74.00	25.08	100.0	H	0.0	18.0

Final_Result

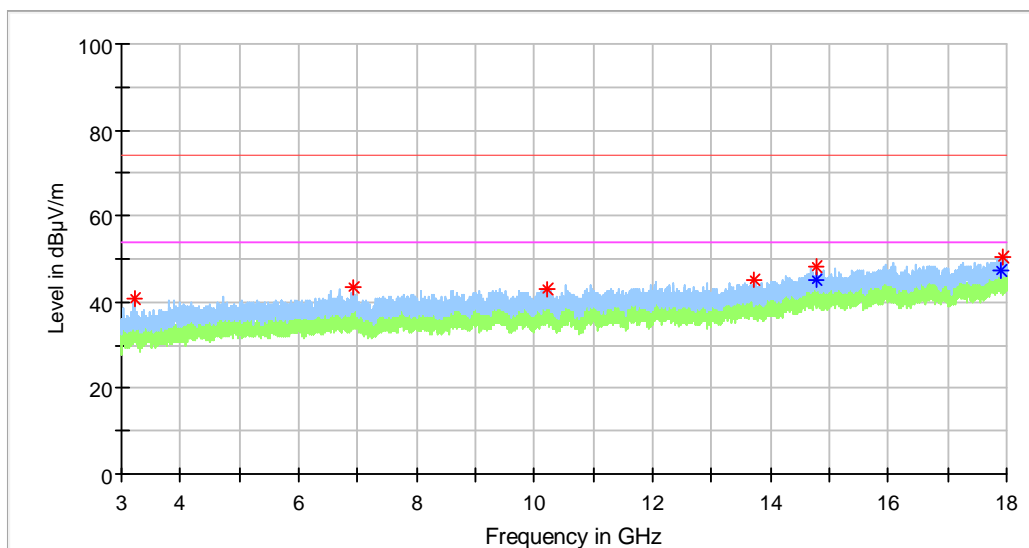
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
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Remark: "*" Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain

Radiated Emission Test 3000MHz – 18000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : USB Print
 Tested on : Vertical
 Comment : AC 120V/60Hz
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
3215.625000	40.60	---	74.00	33.40	100.0	V	73.0	-3.5
6932.500000	43.42	---	74.00	30.58	100.0	V	123.0	3.0
10222.500000	42.77	---	74.00	31.23	100.0	V	0.0	6.1
13718.750000	45.24	---	74.00	28.76	100.0	V	301.0	11.2
14776.875000	48.09	---	74.00	25.91	100.0	V	49.0	14.3
14785.625000	---	45.12	54.00	8.88	100.0	V	0.0	14.3
17900.000000	---	47.24	54.00	6.76	100.0	V	0.0	18.3
17921.250000	50.31	---	74.00	23.69	100.0	V	0.0	18.3

Final_Result

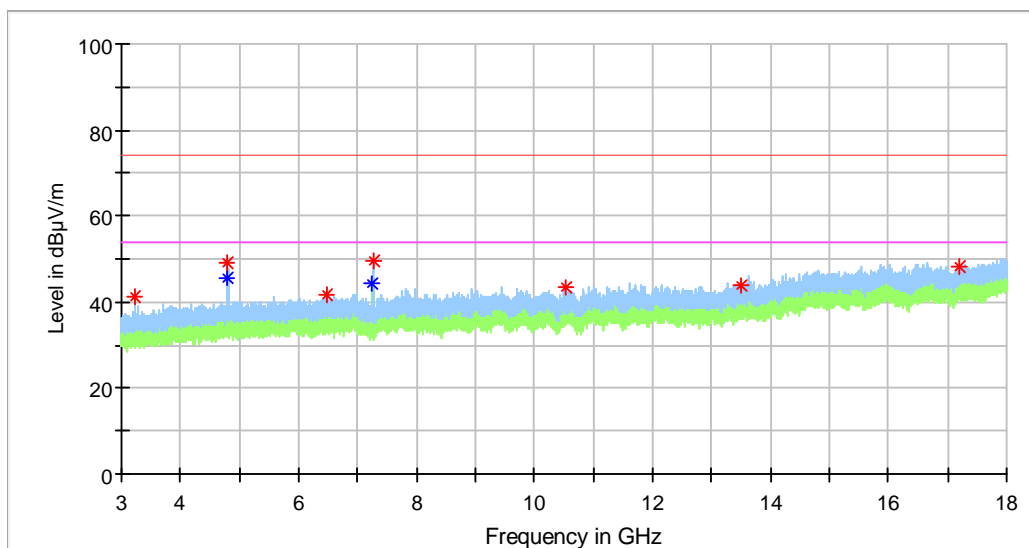
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
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Remark: "*" Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain

Radiated Emission Test 3000MHz – 18000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : WIFI Print
 Tested on : Horizontal
 Comment : AC 120V/60Hz
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
3215.625000	41.13	---	74.00	32.87	100.0	H	140.0	-3.5
4799.375000	49.28	---	74.00	24.72	100.0	H	303.0	0.3
4802.500000	---	45.66	54.00	8.34	100.0	H	303.0	0.3
6472.500000	41.65	---	74.00	32.35	100.0	H	0.0	2.3
7260.625000	---	44.17	54.00	9.83	100.0	H	0.0	2.9
7261.250000	49.38	---	74.00	24.62	100.0	H	0.0	2.9
10535.625000	43.48	---	74.00	30.52	100.0	H	203.0	6.5
13495.625000	43.69	---	74.00	30.31	100.0	H	128.0	10.7
17190.000000	48.43	---	74.00	25.57	100.0	H	103.0	16.7

Final_Result

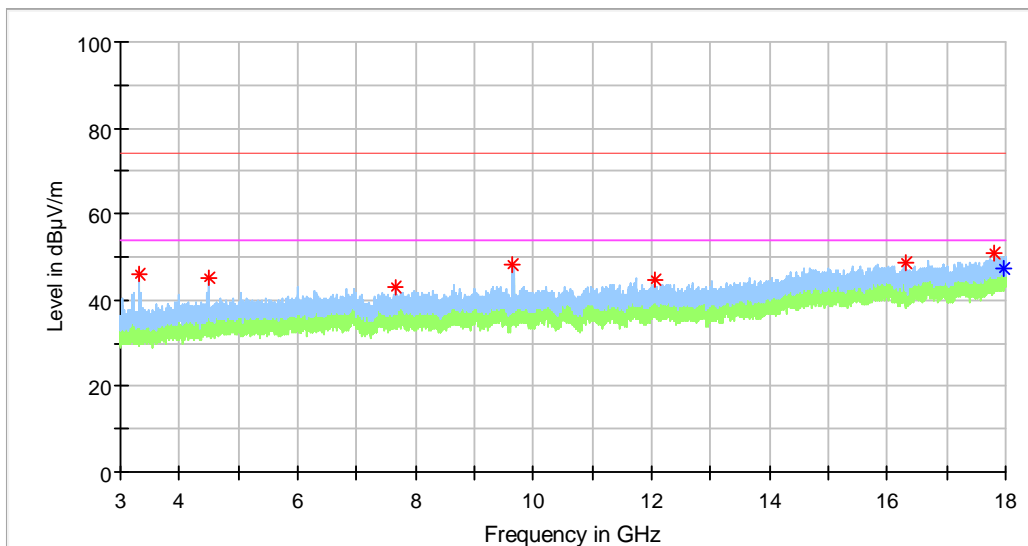
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
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Remark: "*" Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain

Radiated Emission Test 3000MHz – 18000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : WIFI Print
 Tested on : Vertical
 Comment : AC 120V/60Hz
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
3326.250000	46.08	---	74.00	27.92	100.0	V	355.0	-2.9
4511.250000	45.22	---	74.00	28.78	100.0	V	0.0	-0.4
7670.625000	43.14	---	74.00	30.86	100.0	V	108.0	3.8
9643.750000	48.28	---	74.00	25.72	100.0	V	0.0	6.3
12076.250000	44.55	---	74.00	29.45	100.0	V	108.0	8.9
16305.625000	48.69	---	74.00	25.31	100.0	V	0.0	15.6
17807.500000	50.78	---	74.00	23.22	100.0	V	0.0	18.1
17961.875000	---	47.48	54.00	6.52	100.0	V	0.0	18.5

Final_Result

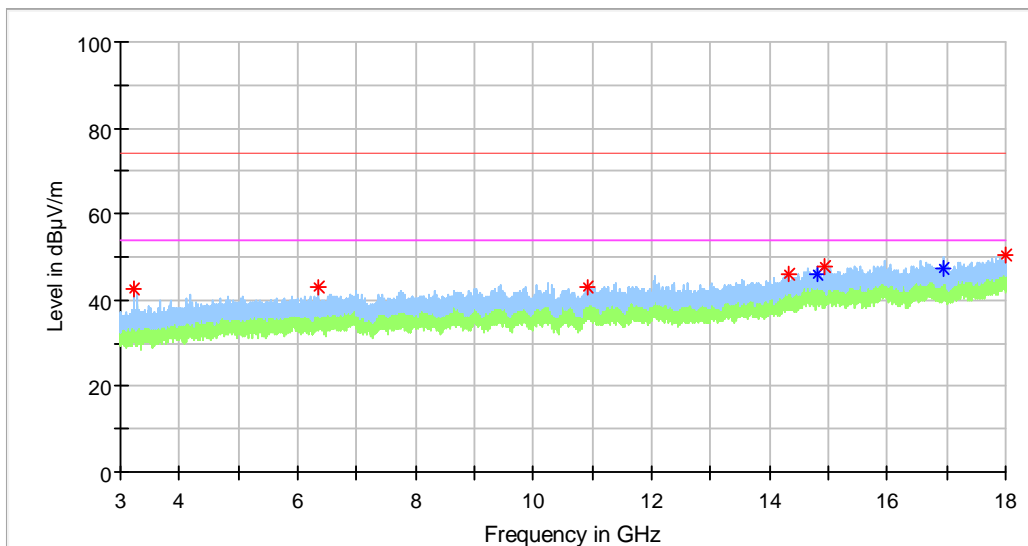
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
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Remark: "*" Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain

Radiated Emission Test 3000MHz – 18000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : USB Print
 Tested on : Horizontal
 Comment : DC 24V (Supplied by Leltz Icon Battery Pack)
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
3215.625000	42.62	---	74.00	31.38	100.0	H	225.0	-3.5
6338.750000	43.13	---	74.00	30.87	100.0	H	187.0	2.1
10914.375000	43.01	---	74.00	30.99	100.0	H	212.0	6.8
14332.500000	46.21	---	74.00	27.79	100.0	H	200.0	12.9
14804.375000	---	46.01	54.00	7.99	100.0	H	312.0	14.3
14941.250000	47.74	---	74.00	26.26	100.0	H	262.0	14.2
16937.500000	---	47.38	54.00	6.62	100.0	H	0.0	15.9
17988.125000	50.63	---	74.00	23.37	100.0	H	212.0	18.4

Final_Result

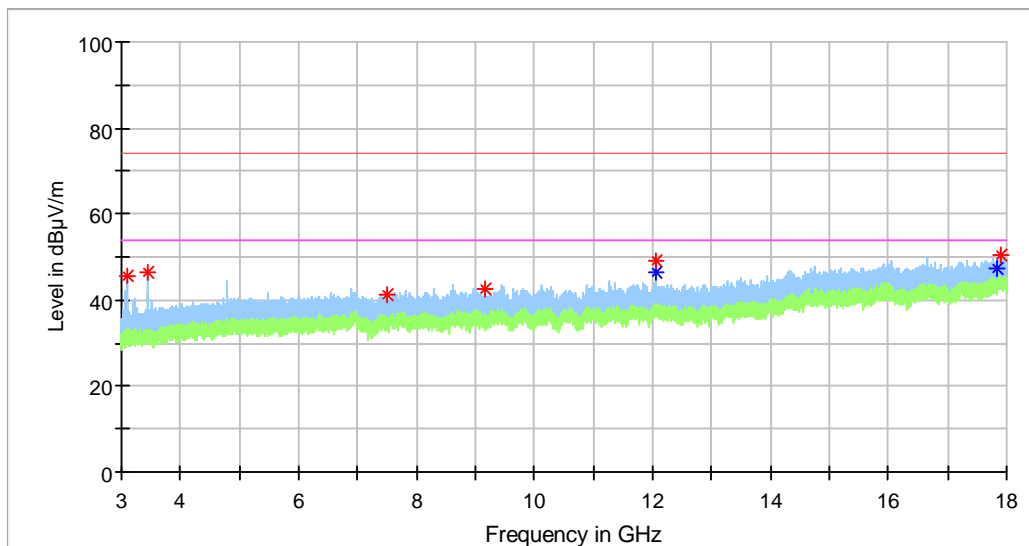
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
---	---	---	---	---	---	---	---	---

Remark: "*" Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain

Radiated Emission Test 3000MHz – 18000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : USB Print
 Tested on : Vertical
 Comment : DC 24V (Supplied by Leltz Icon Battery Pack)
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
3085.000000	45.44	---	74.00	28.56	100.0	V	147.0	-4.0
3433.750000	46.48	---	74.00	27.52	100.0	V	352.0	-2.7
7504.375000	41.37	---	74.00	32.63	100.0	V	345.0	3.8
9154.375000	42.49	---	74.00	31.51	100.0	V	160.0	4.8
12058.125000	49.30	---	74.00	24.70	100.0	V	0.0	9.0
12061.250000	---	46.57	54.00	7.43	100.0	V	0.0	9.0
17851.875000	---	47.57	54.00	6.43	100.0	V	222.0	18.2
17916.875000	50.34	---	74.00	23.66	100.0	V	135.0	18.3

Final_Result

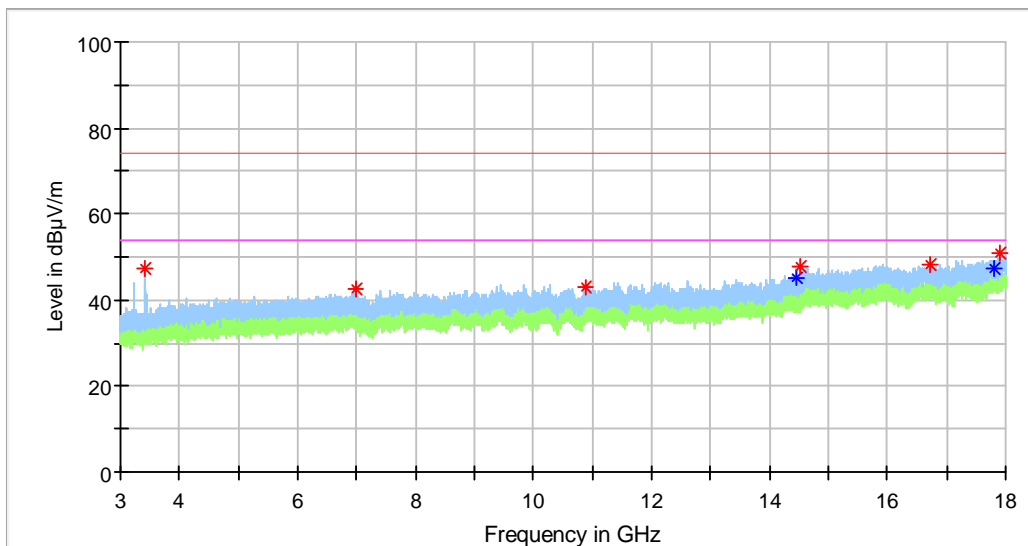
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
---	---	---	---	---	---	---	---	---

Remark: "*" Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain

Radiated Emission Test 3000MHz – 18000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : WIFI Print
 Tested on : Horizontal
 Comment : DC 24V (Supplied by Leltz Icon Battery Pack)
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
3429.375000	47.24	---	74.00	26.76	100.0	H	46.0	-2.7
6976.875000	42.37	---	74.00	31.63	100.0	H	0.0	2.7
10886.875000	43.15	---	74.00	30.85	100.0	H	0.0	6.7
14472.500000	---	45.12	54.00	8.88	100.0	H	71.0	13.4
14527.500000	47.96	---	74.00	26.04	100.0	H	0.0	13.5
16715.625000	48.31	---	74.00	25.69	100.0	H	0.0	16.2
17800.625000	---	47.19	54.00	6.81	100.0	H	134.0	17.9
17896.250000	50.68	---	74.00	23.32	100.0	H	334.0	18.1

Final_Result

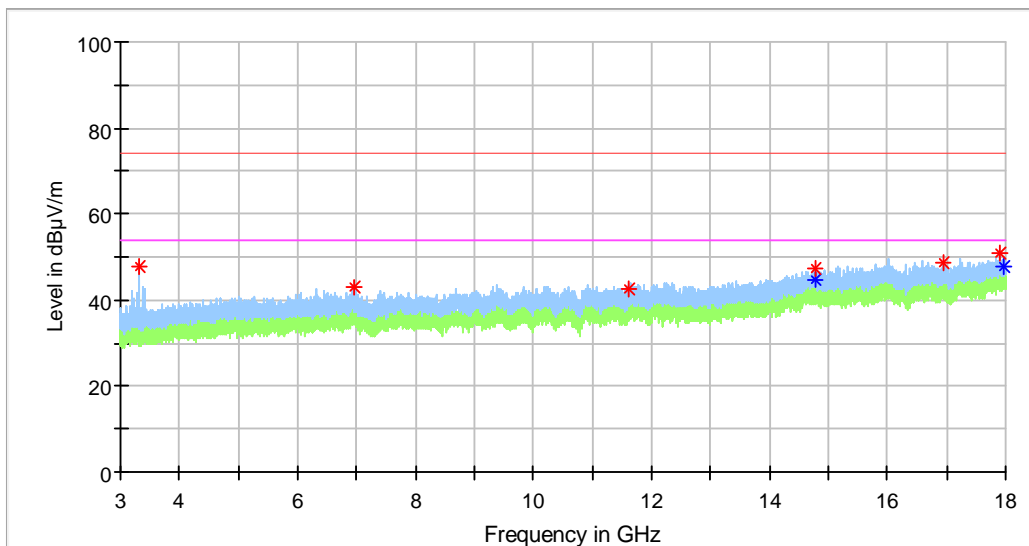
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
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Remark: "*" Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain

Radiated Emission Test 3000MHz – 18000MHz

EUT : Label printer
 Model No. : 7033-30-00
 Test requirement : FCC Part 15 Subpart B
 Test method : ANSI C63.4
 Operating mode : WIFI Print
 Tested on : Vertical
 Comment : DC 24V (Supplied by Leltz Icon Battery Pack)
 Date of test : 14 December 2017

Temperature (°C): 23.5 Relative Humidity (%): 55.7 Atmospheric Pressure(mbar) : 1004



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
3333.125000	47.89	---	74.00	26.11	100.0	V	185.0	-2.9
6945.625000	42.99	---	74.00	31.01	100.0	V	0.0	3.0
11624.375000	42.41	---	74.00	31.59	100.0	V	258.0	7.8
14765.000000	---	44.87	54.00	9.13	100.0	V	85.0	14.3
14765.000000	47.38	---	74.00	26.62	100.0	V	85.0	14.3
16956.250000	48.88	---	74.00	25.12	100.0	V	97.0	16.1
17913.125000	50.79	---	74.00	23.21	100.0	V	22.0	18.3
17958.750000	---	47.90	54.00	6.10	100.0	V	353.0	18.5

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. * (dB/m)
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Remark: "*" Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain

9. Test Equipment List

Radiated Emission Test

DESCRIPTION	MANUFACTURER	MODEL NO.	SERIAL NO.	CAL. DUE DATE
EMI Test Receiver	Rohde & Schwarz	ESR 26	101269	2018-7-14
Trilog Super Broadband Test Antenna	Schwarzbeck	VULB 9163	707	2018-7-14
Horn Antenna	Rohde & Schwarz	HF907	102294	2018-7-14
Pre-amplifier	Rohde & Schwarz	SCU 18	102230	2018-7-14
Signal Generator	Rohde & Schwarz	SMY01	839369/005	2018-7-7
Attenuator	Agilent	8491A	MY39264334	2018-7-7
3m Semi-anechoic chamber	TDK	9X6X6	----	2019-5-29
Test software	Rohde & Schwarz	EMC32	Version 9.15.00	N/A

Conducted Emission Test

DESCRIPTION	MANUFACTURER	MODEL NO.	SERIAL NO.	CAL. DUE DATE
EMI Test Receiver	Rohde & Schwarz	ESR 3	101782	2018-7-14
LISN	Rohde & Schwarz	ENV4200	100249	2018-7-14
LISN	Rohde & Schwarz	ENV432	101318	2018-12-18
LISN	Rohde & Schwarz	ENV216	100326	2018-7-14
ISN	Rohde & Schwarz	ENY81	100177	2018-7-14
ISN	Rohde & Schwarz	ENY81-CA6	101664	2018-7-14
High Voltage Probe	Rohde & Schwarz	TK9420(VT9420)	9420-584	2018-7-14
RF Current Probe	Rohde & Schwarz	EZ-17	100816	2018-7-14
Attenuator	Shanghai Huaxiang	TS2-26-3	080928189	2018-7-7
Test software	Rohde & Schwarz	EMC32	Version9.15.00	N/A

10. Measurement System Uncertainty

For a 95% confidence level, the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO 17025 were:

System Measurement Uncertainty	
Test Items	Extended Uncertainty
Uncertainty for Radiated Emission in 3m chamber 30MHz-1000MHz	Horizontal: 4.99dB; Vertical: 4.97dB;
Uncertainty for Radiated Emission in 3m chamber 1000MHz-18000MHz	Horizontal: 4.96dB; Vertical: 4.95dB;
Uncertainty for Conducted Emission 150kHz-30MHz (for test using AMN ENV216 or ENV4200)	3.46dB