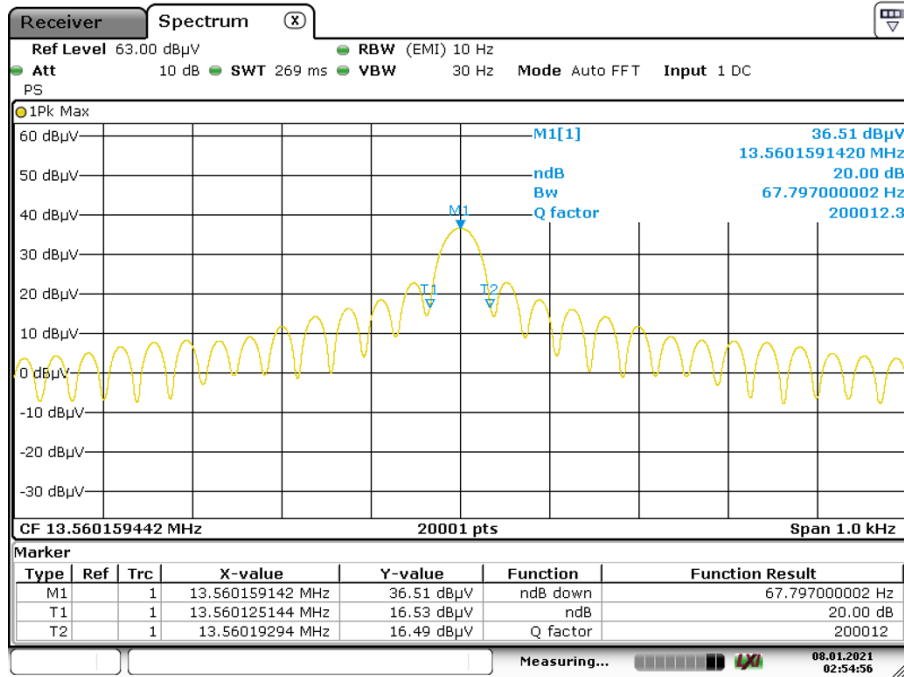


Appendix B: Test Results of NFC

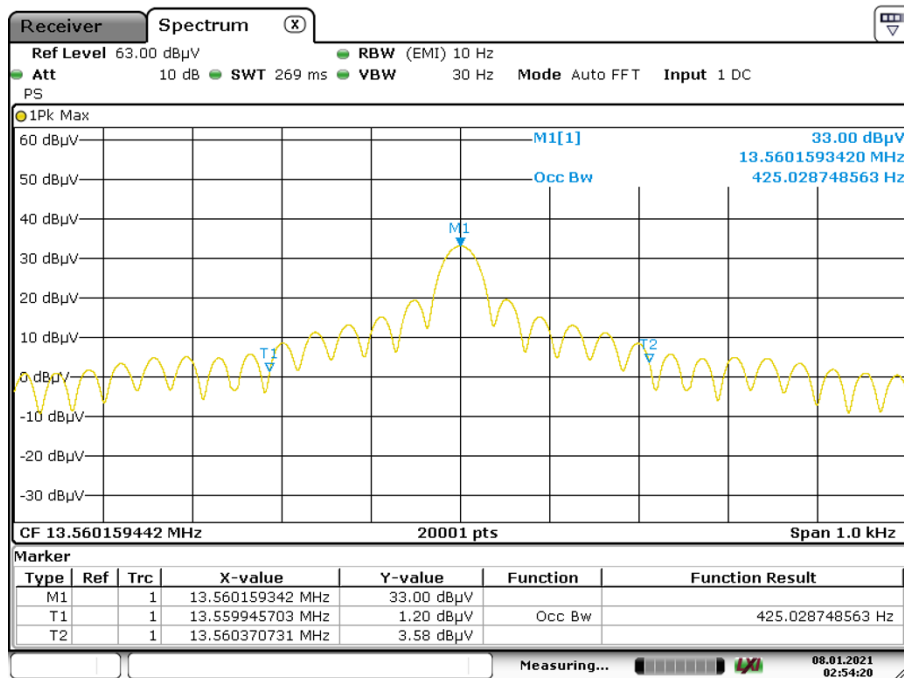
APPENDIX B: TEST RESULTS OF NFC	1
APPENDIX B.1: TEST RESULTS OF 99% & 20dB BANDWIDTH	2
APPENDIX B.2: TEST RESULTS OF FREQUENCY STABILITY	3
APPENDIX B.3: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	4
9 KHz to 30 MHz	4
30 MHz to 1GHz	8
APPENDIX B.4: TEST RESULTS OF CONDUCTED EMISSIONS ON AC MAINS	10

Appendix B.1: Test Results of 99% & 20dB Bandwidth

Test Frequency (MHz)	20dB Bandwidth (Hz)	99% Bandwidth (Hz)
13.56	67.797	425.029



Date: 8.JAN.2021 02:54:57



Date: 8.JAN.2021 02:54:20

Appendix B.2: Test Results of Frequency Stability

Test Frequency (MHz)	Test Conditions		Test Results (KHz)	Deviation (Hz)	Limit (%)	Result
	Temp(°C)	Volt(V AC)				
13.56	-20	120	13560.086	86	±0.01 (1356Hz)	Pass
	-10	120	13560.075	75		Pass
	0	120	13560.092	92		Pass
	10	120	13560.099	99		Pass
	20	120	13560.117	117		Pass
	30	120	13560.151	151		Pass
	40	120	13560.174	174		Pass
	50	120	13560.201	201		Pass
	20	102	13560.113	113		Pass
		138	13560.128	128		Pass

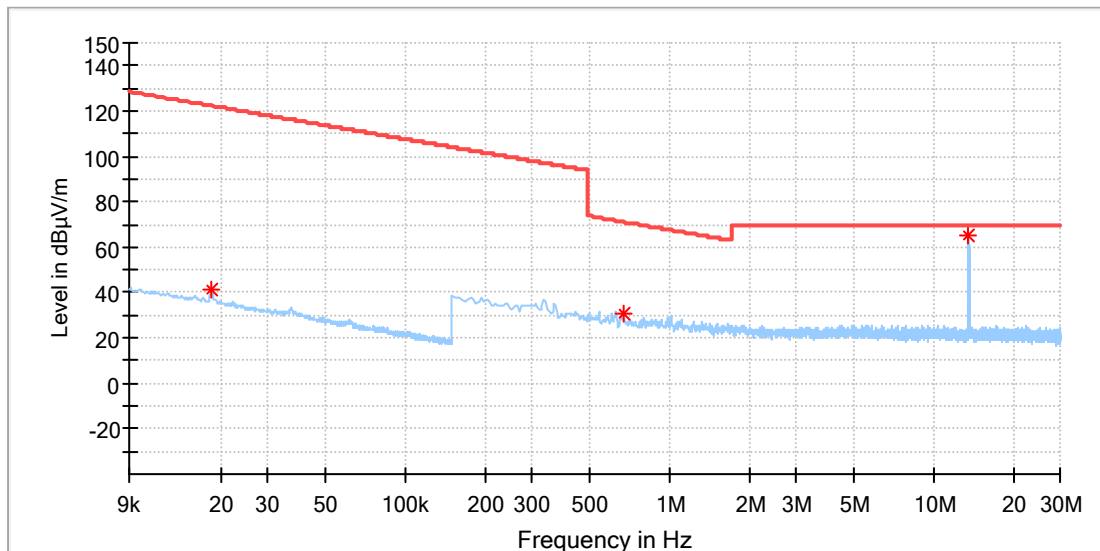
Note: Deviation (kHz) = (Test Result-13.56MHz)*1000

Appendix B.3: Test Results of Radiated Spurious Emissions

9 KHz to 30 MHz

EUT Information

EUT Name:	Label maker
Model:	LabelWriter 550 Turbo
Test Mode:	13.56MHz
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 15C
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

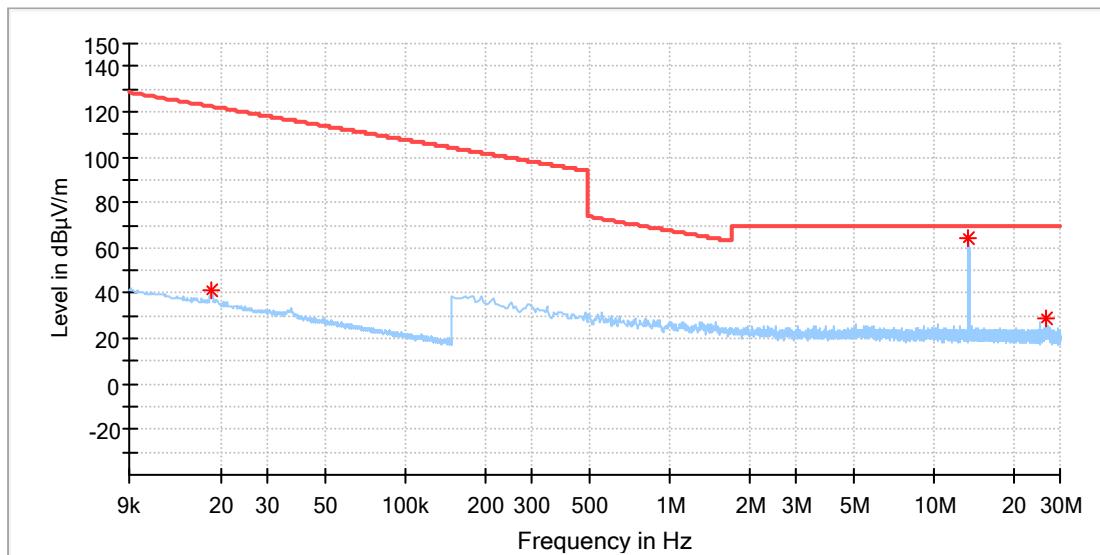
Frequency (MHz)	RMS (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Preamp (dB)	Trd Corr. (dB/m)
0.018366	41.50	122.31	80.81	100.0	X	48.0	20.0	0.0	20.0
0.667985	30.72	71.12	40.40	100.0	X	145.0	20.0	0.0	20.0
13.560552	65.33			100.0	X	82.0	20.0	0.0	20.0

(continuation of the "Critical_Freqs" table from column 19 ...)

Frequency (MHz)	Raw Rec (dBμV)	Comment
0.018366	21.5	1:57:58 PM - 9/12/2020
0.667985	10.7	1:58:00 PM - 9/12/2020
13.560552	45.3	1:57:54 PM - 9/12/2020

EUT Information

EUT Name:	Label maker
Model:	LabelWriter 550 Turbo
Test Mode:	13.56MHz
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 15C
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

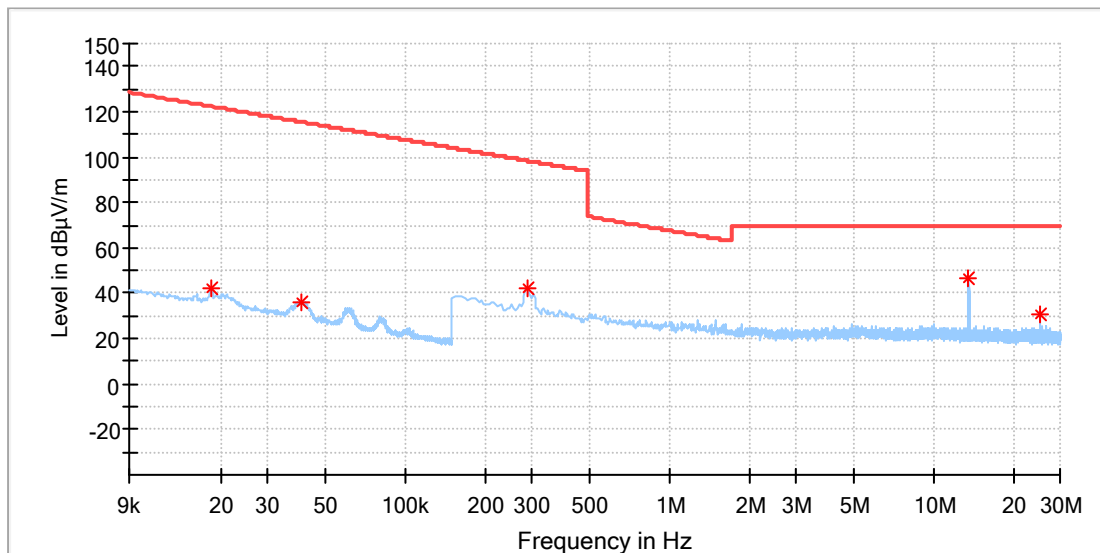
Frequency (MHz)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Preamp (dB)	Trd Corr. (dB/m)
0.018366	41.52	122.31	80.79	100.0	Y	162.0	20.0	0.0	20.0
13.560552	64.22			100.0	Y	197.0	20.0	0.0	20.0
26.764787	29.20	69.50	40.30	100.0	Y	307.0	20.0	0.0	20.0

(continuation of the "Critical_Freqs" table from column 19 ...)

Frequency (MHz)	Raw Rec (dBµV)	Comment
0.018366	21.5	2:37:30 PM - 9/12/2020
13.560552	44.2	2:37:28 PM - 9/12/2020
26.764787	9.2	2:37:34 PM - 9/12/2020

EUT Information

EUT Name:	Label maker
Model:	LabelWriter 550 Turbo
Test Mode:	13.56MHz
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 15C
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Preamp (dB)	Trd Corr. (dB/m)
0.018366	42.59	122.31	79.72	100.0	Z	129.0	20.0	0.0	20.0
0.040020	36.37	115.55	79.17	100.0	Z	318.0	20.0	0.0	20.0
0.290471	41.80	98.34	56.54	100.0	Z	349.0	20.0	0.0	20.0
13.560552	46.51			100.0	Z	153.0	20.0	0.0	20.0
25.004515	30.38	69.50	39.12	100.0	Z	9.0	20.0	0.0	20.0

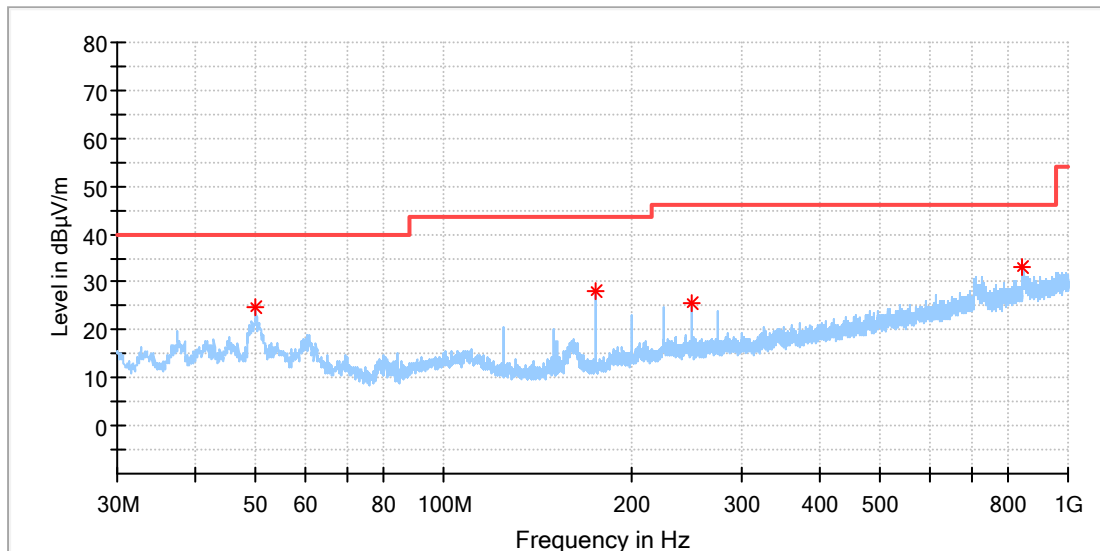
(continuation of the "Critical_Freqs" table from column 19 ...)

Frequency (MHz)	Raw Rec (dBµV)	Comment
0.018366	22.6	3:03:10 PM - 9/12/2020
0.040020	16.4	3:03:17 PM - 9/12/2020
0.290471	21.8	3:03:11 PM - 9/12/2020
13.560552	26.5	3:03:13 PM - 9/12/2020
25.004515	10.4	3:03:15 PM - 9/12/2020

30 MHz to 1GHz

EUT Information

EUT Name:	Label maker
Model:	LabelWriter 550 Turbo
Test Mode:	13.56MHz
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 15C
Tested By:	Alano Qu
Reviewed By:	Terry Yin

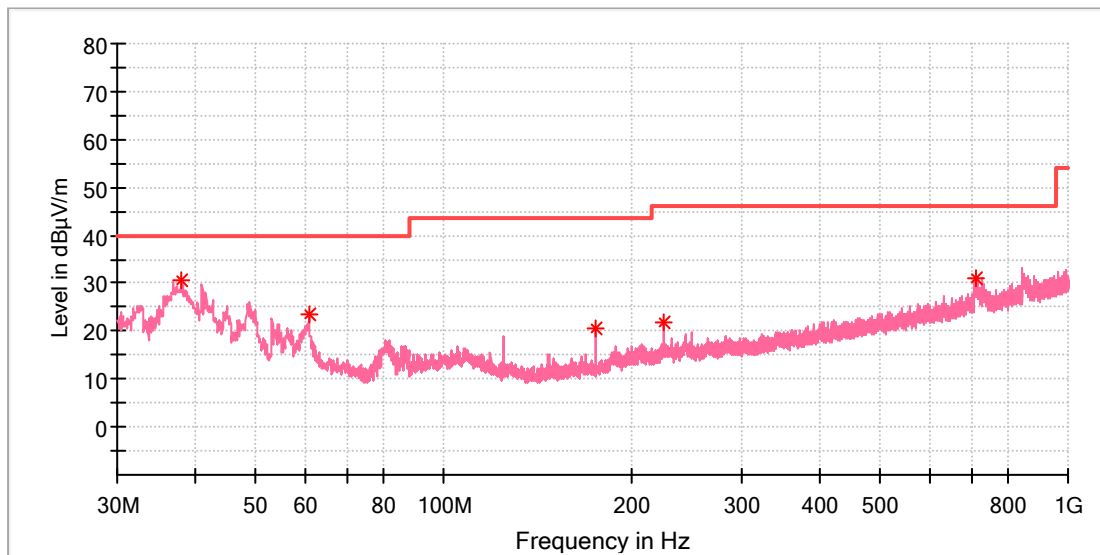


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.982000	24.77	---	40.00	15.23	100.0	H	279.0	-18.3
174.966500	27.92	---	43.50	15.58	100.0	H	44.0	-20.9
249.996000	25.75	---	46.00	20.25	100.0	H	251.0	-17.4
844.800000	33.32	---	46.00	12.68	100.0	H	64.0	-5.6

EUT Information

EUT Name:	Label maker
Model:	LabelWriter 550 Turbo
Test Mode:	13.56MHz
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 15C
Tested By:	Alano Qu
Reviewed By:	Terry Yin



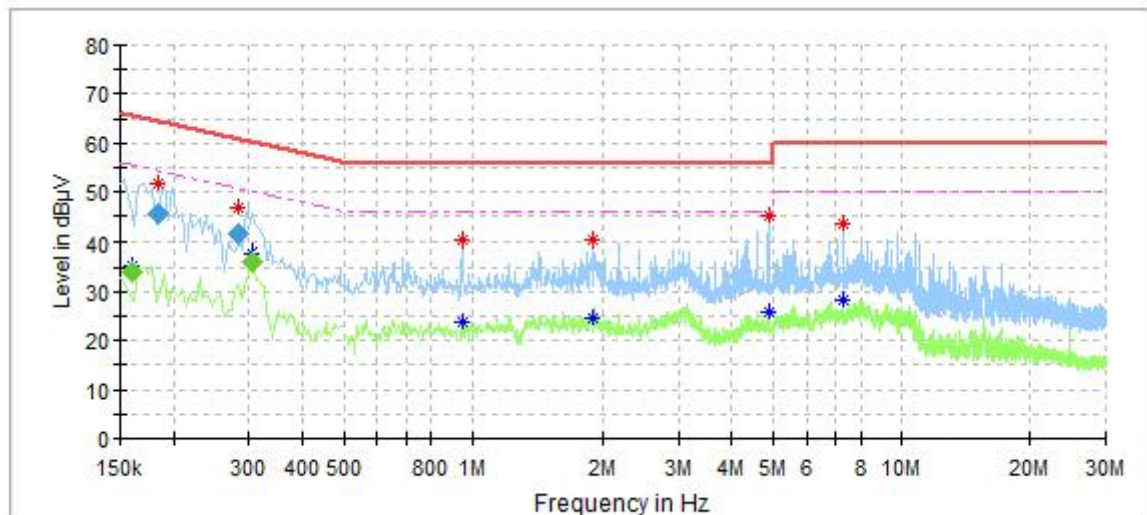
Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
38.051000	30.41	---	40.00	9.59	100.0	V	3.0	-20.8
60.797500	23.36	---	40.00	16.64	100.0	V	145.0	-19.1
174.966500	20.39	---	43.50	23.11	100.0	V	355.0	-20.9
224.970000	21.79	---	46.00	24.21	100.0	V	0.0	-18.3
709.970000	31.23	---	46.00	14.77	100.0	V	201.0	-7.8

Appendix B.4: Test Results of Conducted Emissions on AC Mains

EUT Information

EUT Name:	Label maker
Order No.:	168292739 Item
Model:	LabelWriter 550 Turbo
Test Mode:	ON
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	SR1



Critical Freqs

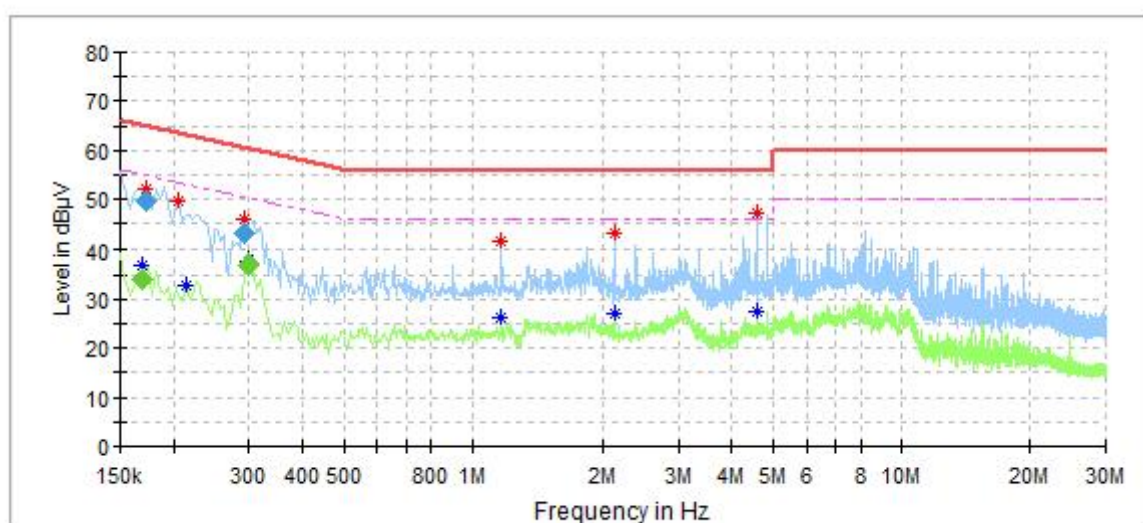
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.160500	---	35.45	55.16	19.71	L1	9.6
0.183500	51.85	---	64.96	13.11	L1	9.6
0.284500	46.95	---	60.30	13.35	L1	9.6
0.304500	---	37.81	50.08	12.27	L1	9.6
0.948000	---	23.77	46.00	22.23	L1	9.7
0.948000	40.18	---	56.00	15.82	L1	9.7
1.892000	---	24.66	46.00	21.34	L1	9.7
1.892000	40.40	---	56.00	15.60	L1	9.7
4.872000	---	25.80	46.00	20.20	L1	9.9
4.872000	45.15	---	56.00	10.85	L1	9.9
7.308000	---	28.23	50.00	21.77	L1	10.0
7.308000	43.38	---	60.00	16.62	L1	10.0

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.160500	---	34.01	55.44	21.43	200.0	9.000	L1	9.6
0.183500	45.73	---	64.33	18.60	200.0	9.000	L1	9.6
0.284500	41.38	---	60.68	19.30	200.0	9.000	L1	9.6
0.304500	---	36.05	50.12	14.07	200.0	9.000	L1	9.6

EUT Information

EUT Name:	Label maker
Order No.:	168292739 Item
Model:	LabelWriter 550 Turbo
Test Mode:	ON
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	SR1



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.168500	---	36.92	54.77	17.85	N	9.6
0.172500	52.21	---	64.39	12.19	N	9.6
0.206000	49.45	---	63.37	13.92	N	9.6
0.214000	---	32.92	53.05	20.13	N	9.6
0.292500	46.15	---	60.19	14.04	N	9.6
0.300500	---	37.85	50.19	12.34	N	9.6
1.168000	41.39	---	56.00	14.61	N	9.7
1.168000	---	26.18	46.00	19.82	N	9.7
2.124000	---	27.02	46.00	18.98	N	9.7
2.124000	42.95	---	56.00	13.05	N	9.7
4.564000	---	27.42	46.00	18.58	N	9.9
4.564000	47.10	---	56.00	8.90	N	9.9

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.168500	---	33.99	55.03	21.05	200.0	9.000	N	9.6
0.172500	49.58	---	64.84	15.26	200.0	9.000	N	9.6
0.292500	43.11	---	60.45	17.35	200.0	9.000	N	9.6
0.300500	---	37.05	50.23	13.18	200.0	9.000	N	9.6