



**TEST REPORT N°: CKKH-ESH-P24110716B-A1**  
 Supplement "A1" to test report No.: CKKH-ESH-P24110716B dated on 2025-01-17

## EMC TEST REPORT

Applicant :	Ningbo TT Smart Technology Co., Ltd
Address :	No.29 Gubei Road, Simen Town, Yuyao City, Ningbo City, Zhejiang Province, P.R. China.
Manufacturer :	Ningbo TT Smart Technology Co., Ltd
Address :	No.29 Gubei Road, Simen Town, Yuyao City, Ningbo City, Zhejiang Province, P.R. China.
Factory :	Ningbo TT Smart Technology Co., Ltd
Address :	No.29 Gubei Road, Simen Town, Yuyao City, Ningbo City, Zhejiang Province, P.R. China.
This document includes : 24 pages	

Product :	Air fryer	
Model name :	TTAF-1300A, TTAF-1300AT, TTAF-1300AS, TTAF-1300ATS, TTAF-1300A-H, TTAF-1300AT-H, TTAF-1300AS-H, TTAF-1300ATS-H	
Trade mark :	--	
Rated voltage :	AC 220-240V, 50-60Hz	
Rated input power :	For TTAF-1300A,TTAF-1300AT,TTAF-1300AS,TTAF-1300ATS:1700W; For other model 2800W	
Highest clock frequency :	≤15 MHz	
Protection class :	I	
Tests realised :	On one sample of TTAF-1300ATS-H	
Test date :	Mar.03, 2025	

Standards used (date) :	EN IEC 55014-1:2021 / BS EN IEC 55014-1:2021 EN IEC 55014-2:2021 / BS EN IEC 55014-2:2021 EN IEC 61000-3-2:2019+A1:2021+A2:2024/ BS EN IEC 61000-3-2:2019+A2:2024 EN 61000-3-3:2013+A1:2019+A2:2021/ BS EN 61000-3-3:2013+A2:2021
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Clauses examined : All Clauses Relevant.

**CONCLUSION :The sample does satisfy the clauses examined .**

Test done by:	Approved by:
Name : Tony MAO <i>Tony Mao</i>	Name : Wen ZHU <i>Wen ZHU</i>
Date : Jul.23, 2025	Date : Jul.23, 2025

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**Release control record**

<b>Report No.</b>	<b>Description</b>	<b>Date Issued</b>
CKKH-ESH-P24110716B	Original release	17/01/2025
CKKH-ESH-P24110716B-A1	Adding new model	23/07/2025

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## 1 Summary of test results

No.	Item	Result
<b>Emission part:</b>		
1	Continuous disturbances	PASS
2	Magnetic field strength	NA
3	Disturbance power	PASS
4	Radiated disturbances electric field	PASS
5	Discontinuous disturbances	PASS
6	Harmonic current emission	PASS
7	Voltage fluctuation and flicker	PASS



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## 2 General information of laboratory

### 2.1 Test facility

- Laboratory name:** LCIE China Company Limited  
**Testing location:** Building C, No. 829, Xinzhuan Road, Shanghai, P.R.China (201612)
- The tests done in this report are subcontracted to :  
**Laboratory name:** Ningbo Customs District Technology Center  
**Testing location:** Block E3 & G1, Ningbo Qianwan Integrated Free Trade Zone, Ningbo, Zhejiang, China (Electric Testing Laboratory Qianwan Branch)

### 2.2 Measurement uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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

This lab's measurement uncertainty U<sub>Lab</sub>, is low than U<sub>Cispr</sub>, Table 1 – Values of U<sub>Cispr</sub> of CISPR 16-4-2, therefore compliance is deemed to occur if no measured disturbance exceeds the disturbance limit.

No.	Item	Measurement Uncertainty
1	Conducted Emission at mains port using AMN	2.64dB (9kHz to 150kHz)
		2.64dB (150kHz to 30MHz)
2	Conducted Emission at mains port using VP	1.82dB (150kHz to 30MHz)
3	Conducted Emission at telecommunication port using AAN	4.41dB (150kHz to 30MHz)
4	Radiated Power	3.40dB
5	Radiated emission	Horizontal: 4.54dB (30MHz-1GHz) Vertical: 4.68dB (30MHz-1GHz)
		Horizontal: 3.88 dB (1GHz-6GHz) Vertical: 4.00 dB (1GHz-6GHz)
6	Click	2.72dB (150kHz to 30MHz)
7	Harmonic Current Emissions	2.38%
8	Voltage Fluctuations and Flicker	2.38%



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## 3 General product information

### 3.1 Specification of product

**Operating modes:**  Mode A: The apparatus was worked continuously.  
 Mode B:  
 Mode C:

**Types of port:**  AC mains port  
 auxiliary port  
 wired network port  
 fence port  
 enclosure port

**Special comments:** This report is updated report based on history report CKKH-ESH-P24110716B for adding new model TTAF-1300A-H, TTAF-1300AT-H, TTAF-1300AS-H and TTAF-1300ATS-H are similar as original corresponding model except the rated power. So all EMI tests were performed on model TTAF-1300ATS-H. Other results can refer to history report CKKH-ESH-P24110716B.

### 3.2 Description of auxiliary equipment and associated equipment

N/A

### 3.3 Operation conditions

The EUT operating and testing at below conditions:

<b>Ambient conditions:</b>	Temperature	:	21-24 °C
	Relative humidity	:	48-55 %
	Atmospheric pressure	:	101 kPa

### 3.4 Photograph of sample

Refer to Appendix A

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## 4 Test procedure and results for emission

### 4.1 Continuous disturbances, AC mains port (150 kHz – 30 MHz)

#### 4.1.1 Test condition

<b>Applicable Standard:</b>	<b>EN IEC 55014-1:2021 / BS EN IEC 55014-1:2021</b>	
Applied limit class:	<input type="checkbox"/>	Table 2 (Equipment with active IPT function which are 100 V rated and without an earth connection); AC mains port
	<input type="checkbox"/>	Table 2 (Equipment with active IPT function; Other appliances); AC mains port
	<input checked="" type="checkbox"/>	Table 5 (Columns 2 and 3); AC mains port
	<input type="checkbox"/>	Table 6 (Columns 2 and 3); AC mains port; $P \leq 700 \text{ W}$
	<input type="checkbox"/>	Table 6 (Columns 4 and 5); AC mains port; $700 \text{ W} < P \leq 1000 \text{ W}$
	<input type="checkbox"/>	Table 6 (Columns 6 and 7); AC mains port; $P > 1000 \text{ W}$
	<input type="checkbox"/>	Other: --
Test setup description:	<input type="checkbox"/>	Setup Type A (40 cm distance to vertical ground plane, 80 cm over ground plane)
	<input checked="" type="checkbox"/>	Setup Type B (40 cm distance to horizontal ground plane)
	<input type="checkbox"/>	Floor standing equipment setup (10 cm over ground plane)
	<input type="checkbox"/>	Other: --
	<input type="checkbox"/>	Artificial hand applied
Test method applied:	<input checked="" type="checkbox"/>	Artificial mains network
	<input type="checkbox"/>	Other: --
Remark:	--	



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<b>Limits for AC mains port of equipment with active IPT functions</b>				
Frequency range (MHz)	Appliances which are 100 V rated and without an earth connection		All other appliances	
	Quasi-peak (dBµV)	Average (dBµV)	Quasi-peak (dBµV)	Average (dBµV)
0.009-0.05	122	-	110	-
0.05-0.15	Decreasing linearly with logarithm of frequency from: 102-92	-	Decreasing linearly with logarithm of frequency from: 90-80	-
0.15-0.5	Decreasing linearly with logarithm of frequency from:			
	72-62	62-52	66-56	56-46
0.5-5	56	46	56	46
5-30	60	50	60	50

<b>General limits</b>		
Frequency range (MHz)	Quasi-peak (dBµV)	Average (dBµV)
0.15-0.5	Decreasing linearly with logarithm of frequency from:	
	66-56	59-46
0.5-5	56	46
5-30	60	50

<b>Tools</b>						
Frequency range (MHz)	P ≤ 700 W		700 W < P ≤ 1000		P > 1000 W	
	Quasi-peak (dBµV)	Average (dBµV)	Quasi-peak (dBµV)	Average (dBµV)	Quasi-peak (dBµV)	Average (dBµV)
0.15-0.35	Decreasing linearly with logarithm of frequency from:					
	66-59	59-49	70-63	63-53	76-69	69-59
0.35-5	59	49	63	53	69	59
5-30	64	54	68	58	74	64

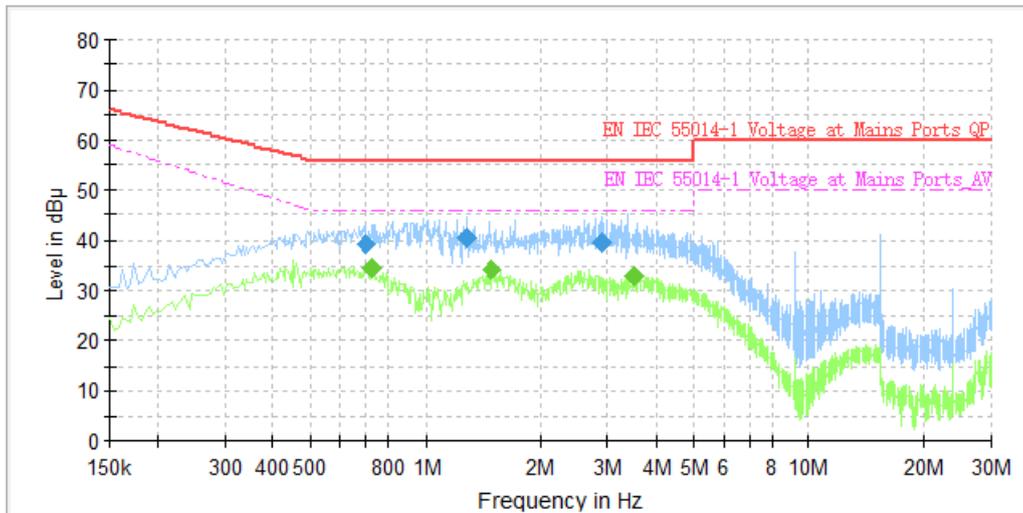


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**4.1.2 Test results**

Model:	<b>TTAF-1300ATS-H</b>
Test mode:	Mode A
Test voltage:	AC 230V, 50Hz



**Final Result**

Frequency (MHz)	QuasiPeak (dB µV)	CAverage (dB µV)	Limit (dB µ)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter
0.698000	39.12	---	56.00	16.88	1000.0	9.000	L1	OFF
0.726000	---	34.46	46.00	11.54	1000.0	9.000	L1	OFF
1.286000	40.28	---	56.00	15.72	1000.0	9.000	L1	OFF
1.494000	---	33.94	46.00	12.06	1000.0	9.000	L1	OFF
2.902000	39.77	---	56.00	16.23	1000.0	9.000	L1	OFF
3.494000	---	33.12	46.00	12.88	1000.0	9.000	L1	OFF

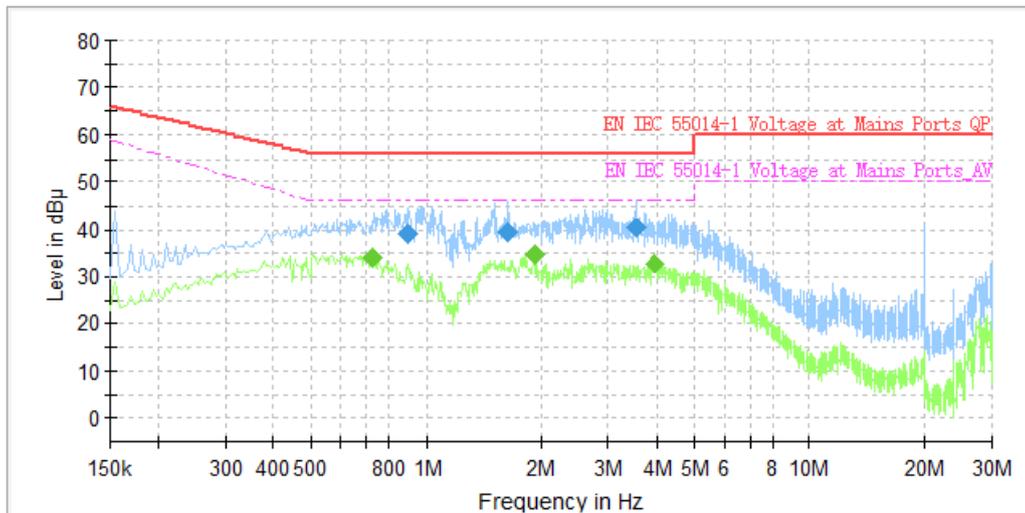
(continuation of the "Final Result" table from column 14 ...)

Frequency (MHz)	Corr. (dB)	Comment
0.698000	10.3	
0.726000	10.3	
1.286000	10.3	
1.494000	10.3	
2.902000	10.4	
3.494000	10.4	



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Model:	<b>TTAF-1300ATS-H</b>
Test mode:	Mode A
Test voltage:	AC 230V, 50Hz



**Final Result**

Frequency (MHz)	QuasiPeak (dB µV)	CAverage (dB µV)	Limit (dB µ)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter
0.722000	---	34.14	46.00	11.86	1000.0	9.000	N	OFF
0.902000	39.18	---	56.00	16.82	1000.0	9.000	N	OFF
1.634000	39.39	---	56.00	16.61	1000.0	9.000	N	OFF
1.918000	---	34.76	46.00	11.24	1000.0	9.000	N	OFF
3.542000	40.22	---	56.00	15.78	1000.0	9.000	N	OFF
3.966000	---	32.83	46.00	13.17	1000.0	9.000	N	OFF

(continuation of the "Final Result" table from column 14 ...)

Frequency (MHz)	Corr. (dB)	Comment
0.722000	10.2	
0.902000	10.2	
1.634000	10.2	
1.918000	10.2	
3.542000	10.4	
3.966000	10.4	



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**4.2 Continuous disturbances, Auxiliary port (150 kHz – 30 MHz)**

**4.2.1 Test condition**

<b>Applicable Standard:</b>	<b>EN IEC 55014-1:2021 / BS EN IEC 55014-1:2021</b>	
Applied limit class:	<input type="checkbox"/>	Table 5 (Columns 4 and 5); Auxiliary port; Disturbance voltage
	<input type="checkbox"/>	Table 5 (Columns 6 and 7); Auxiliary port; Disturbance current
	<input type="checkbox"/>	Wired Network port according to CISPR 32 class B
	<input type="checkbox"/>	Other: --
Test setup description:	<input type="checkbox"/>	Setup Type A (40 cm distance to vertical ground plane, 80 cm over ground plane)
	<input type="checkbox"/>	Setup Type B (40 cm distance to horizontal ground plane)
	<input type="checkbox"/>	Floor standing equipment setup (10 cm over ground plane)
	<input type="checkbox"/>	Other: --
	<input type="checkbox"/>	Artificial hand applied
Test method applied:	<input type="checkbox"/>	Voltage probe
	<input type="checkbox"/>	Current probe according to CISPR 14-1
	<input type="checkbox"/>	Wired network port: CDN according to IEC 61000-4-6
	<input type="checkbox"/>	Wired network port: Current probe and capacitive voltage probe (CVP)
	<input type="checkbox"/>	Wired network port: ISN
	<input type="checkbox"/>	Wired network port (Shielded): 150 Ohm and current probe
	<input type="checkbox"/>	Artificial mains network used as voltage probe
<input type="checkbox"/>	Other: --	
Remark:	--	

Limits for auxiliary port				
Frequency range (MHz)	Disturbance voltage		Disturbance current	
	Quasi-peak (dBµV)	Average (dBµV)	Quasi-peak (dBµA)	Average (dBµA)
0.15-0.5	80	70	Decreasing linearly with logarithm of frequency from:	
			40-30	30-20
0.5-5	74	64	30	20
5-30	74	64		

**4.2.2 Test results**

N/A



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**4.3 Magnetic field strength (9 kHz – 30 MHz)**

**4.3.1 Test condition**

<b>Applicable Standard:</b>	<b>EN IEC 55014-1:2021 / BS EN IEC 55014-1:2021</b>	
Applied limit class:	<input type="checkbox"/>	Table 3; Magnetic field; Equipment with active IPT function
	<input type="checkbox"/>	Table 4; Magnetic field induced current; Equipment with active IPT function be fully encompassed by an imaginary sphere having a diameter less than or equal to 1.6 m
	<input type="checkbox"/>	Other: --
Test set up description:	<input type="checkbox"/>	Equipment on a table of 80 cm height
	<input type="checkbox"/>	Equipment on the floor (isolated from ground plane)
	<input type="checkbox"/>	Other: --
Test method applied:	<input type="checkbox"/>	3 m distance, 0.6 m small loop antenna
	<input type="checkbox"/>	2 m large loop antenna system (LLAS)
	<input type="checkbox"/>	Other: --
Remark:	--	

<b>Limits</b>		
<b>Magnetic field strength limits</b>		
<b>Frequency range (MHz)</b>	<b>Quasi-peak (dBµA/m)</b>	
0.009-0.07	69	
0.07-0.15	Decreasing linearly with logarithm of frequency from: 69-39	
0.15-4	Decreasing linearly with logarithm of frequency from: 39-3	
4-30	3	
<b>Magnetic field induced current limits</b>		
<b>Frequency range (MHz)</b>	<b>Horizontal component Quasi-peak (dBµA)</b>	<b>Vertical component Quasi-peak (dBµA)</b>
0.009-0.07	88	106
0.07 -0.15	Decreasing linearly with logarithm of frequency from:	
	88-58	106-76
0.15-3	Decreasing linearly with logarithm of frequency from:	
	58-22	76-40

**4.3.2 Test results**

N/A



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**4.4 Disturbance power (30 MHz – 300 MHz)**

**4.4.1 Test condition**

<b>Applicable Standard:</b>	<b>EN IEC 55014-1:2021 / BS EN IEC 55014-1:2021</b>	
Applied limit class:	<input checked="" type="checkbox"/>	Table 7 (Columns 2 and 3); General
	<input type="checkbox"/>	Table 7 (Columns 4 and 5); Tools, Power ≤ 700 W
	<input type="checkbox"/>	Table 7 (Columns 6 and 7); Tools, 700 W < Power ≤ 1000 W
	<input type="checkbox"/>	Table 7 (Columns 8 and 9); Tools, Power > 1000 W
Test set up description:	<input checked="" type="checkbox"/>	Equipment on table of 80 cm height
	<input type="checkbox"/>	Equipment on support of 10 cm height
	<input type="checkbox"/>	Other: --
Supplementary test set-up description:	The distance between the clamp test set-up (the EUT, the mains lead and the absorbing clamp) and any other conductive objects (including persons, walls and ceiling, but excluding the floor) shall be at least 0,8 m. The EUT shall be placed on a non-metallic support parallel to the floor. The lead under test shall be placed in a straight line at a height of (0,8 ± 0,05) m from the floor for a length specified in 5.3.3.2.2.	
Conditions for exemption from measurements above 300 MHz:	<input checked="" type="checkbox"/>	1) the disturbance power emission from the EUT is lower than the limits of Table 7 reduced by the values of Table 8;
	<input checked="" type="checkbox"/>	2) the maximum clock frequency is less than 30 MHz
Remark:	The manufacturer chooses the disturbance power test method according to clause 4.3.4.2 in this standard.	

Limits						
General						
Frequency range (MHz)	Quasi-peak (dBpw)		Average (dBpw)			
30-300	Increasing linearly with the frequency from:					
	45-55		35-45			
Tools						
Frequency range (MHz)	P ≤ 700 W		700 W < P ≤ 1000		P > 1000 W	
	Quasi-peak (dBpw)	Average (dBpw)	Quasi-peak (dBpw)	Average (dBpw)	Quasi-peak (dBpw)	Average (dBpw)
30-300	Increasing linearly with the frequency from:					
	45-55	35-45	49-59	39-49	55-65	45-55

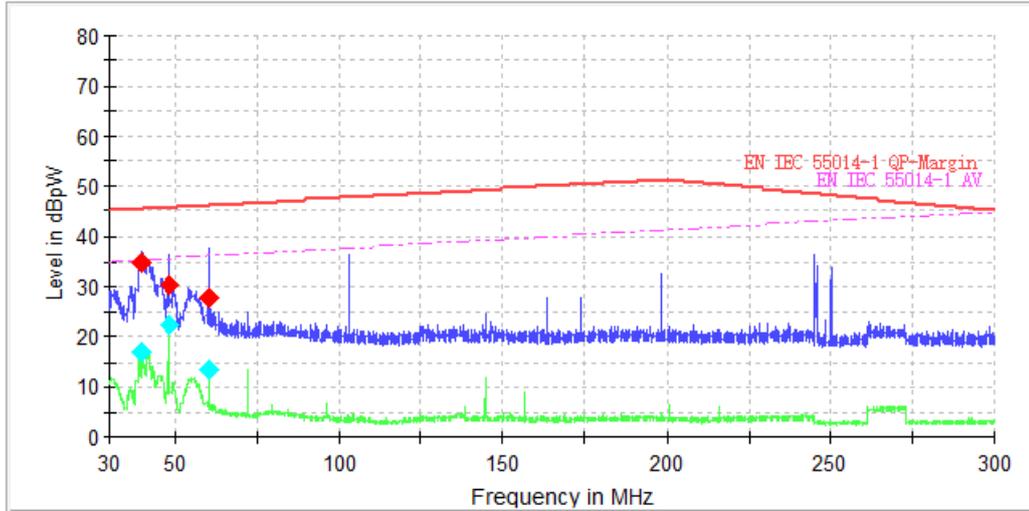


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**4.4.2 Test results**

Model:	<b>TAF-1300ATS-H</b>
Test mode:	Mode A
Test voltage:	AC 230V, 50Hz



**Limit and Margin-QP**

Frequency (MHz)	QuasiPeak (dBpW)	Meas. Time (ms)	Bandwidth (kHz)	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBpW)
39.680000	34.9	1000.0	120.000	5.6	10.5	45.4
48.040000	30.4	1000.0	120.000	2.7	15.3	45.7
60.080000	27.6	1000.0	120.000	4.7	18.5	46.1

**Limit and Margin-CAV**

Frequency (MHz)	CAverage (dBpW)	Meas. Time (ms)	Bandwidth (kHz)	Corr. (dB)	Margin - CAV (dB)	Limit - CAV (dBpW)
39.680000	17.1	1000.0	120.000	5.6	18.3	35.4
48.040000	22.2	1000.0	120.000	2.7	13.5	35.7
60.080000	13.3	1000.0	120.000	4.7	22.8	36.1



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**4.5 Radiated emission (below 1GHz)**

**4.5.1 Test condition**

<b>Applicable Standard:</b>	<b>EN IEC 55014-1:2021 / BS EN IEC 55014-1:2021</b>	
Applied limit class:	<input type="checkbox"/>	Table 9; Radiated disturbance limits 30 MHz to 1000 MHz
	<input type="checkbox"/>	Other: --
Test set up description:	<input type="checkbox"/>	Equipment on a table of 80 cm height
	<input type="checkbox"/>	Equipment on the floor (isolated from ground plane)
	<input type="checkbox"/>	Other (e.g. height of pallet):
Supplementary test set-up description for <b>SAC</b> :	Measurements were made in semi-anechoic chamber that complies to CISPR 16. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in horizontal and vertical polarities. Final measurements with quasi-peak detector for below 1GHz were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4 m. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable.	
Test method applied (30 MHz to 1000 MHz):	<input type="checkbox"/>	OATS or SAC with measurement distance [m]: 3 m
	<input type="checkbox"/>	FAR/FAC CISPR 16-2-3 with measurement distance [m]: 3 m
	<input type="checkbox"/>	FAR/FAC IEC 61000-4-22 with measurement distance [m]: 3 m
	<input type="checkbox"/>	TEM Waveguide according to IEC 61000-4-20
Remark:	The EUT does not contain any internal clock frequency or clock generator operating at frequency higher than 30MHz and the margin for the disturbance power test results between 200MHz and 300MHz fulfilled the margin's requirement in Table 8, the EUT is deemed to comply with this requirement without further testing.	

<b>Limits for SAC 3 m distance</b>	
<b>Frequency range (MHz)</b>	<b>Quasi-peak (dBµV/m)</b>
30-230	40
230-1000	47

**4.5.2 Test results**

N/A



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**4.6 Radiated emission (above 1GHz)**

**4.6.1 Test condition**

<b>Applicable Standard:</b>	<b>EN IEC 55014-1:2021 / BS EN IEC 55014-1:2021</b>	
Applied limit class:	<input type="checkbox"/>	Table 11; Radiated electric field disturbance limits 1000 MHz to 6000 MHz
	<input type="checkbox"/>	Other: --
Test set up description:	<input type="checkbox"/>	Equipment on a table of 80 cm height
	<input type="checkbox"/>	Equipment on the floor (isolated from ground plane)
	<input type="checkbox"/>	Other:
Supplementary test set-up description for <b>SAC</b> :	Measurements were made in semi-anechoic chamber with RF absorber on the RGP which complies to CISPR 16. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in horizontal and vertical polarities. Final measurements with peak and average detector were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4 m. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable.	
Test method applied (1000 MHz to 6000 MHz):	<input type="checkbox"/>	FSOATS with measurement distance [m]: 3 m
	<input type="checkbox"/>	SAC/OATS with RF absorbers on the RGP with measurement distance [m]: 3 m
	<input type="checkbox"/>	FAR CISPR 16-2-3 with measurement distance [m]: 3 m
Remark:	--	

Limits for SAC with RF absorbers 3 m distance		
Frequency range (MHz)	Peak (dBµV/m)	Average (dBµV/m)
1000 – 3000	70	50
3000 – 6000	74	54

**4.6.2 Test results**

N/A



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**4.7 Discontinuous disturbances (9 kHz – 30 MHz)**

**4.7.1 Test condition**

<b>Applicable Standard:</b>	<b>EN IEC 55014-1:2021 / BS EN IEC 55014-1:2021</b>	
Test setup description:	<input type="checkbox"/>	Setup Type A (40 cm distance to vertical ground plane, 80 cm over ground plane)
	<input checked="" type="checkbox"/>	Setup Type B (40 cm distance to horizontal ground plane)
	<input type="checkbox"/>	Floor standing equipment setup (10 cm over ground plane)
	<input type="checkbox"/>	Other: --
	<input type="checkbox"/>	Artificial hand applied
CDN applied:	<input checked="" type="checkbox"/>	Artificial mains network
	<input type="checkbox"/>	Artificial mains network used as voltage probe
	<input type="checkbox"/>	Voltage probe
	<input type="checkbox"/>	Other: --
Applied method for discontinuous disturbances:	<input type="checkbox"/>	Click rate determined on base of switching operations
	<input checked="" type="checkbox"/>	Click rate determined on base of clicks measurements
	<input type="checkbox"/>	Other: --
Remark:	The measured click rate is not more than five and the duration of each click at 150 kHz or 500 kHz is not more than 10 ms. So requirement of clause 5.4.3.4 is met.	



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4.7.2 Test results

Model:	TTAF-1300ATS-H
Test mode:	Mode A
Test voltage:	AC 230V, 50Hz

Time Test: 00:36:40.57

	150 kHz	500 kHz	1.4 MHz	30 MHz
<b>First Run</b>				
Limit [dBuV]	66	56	56	60
Short	40	0	0	0
Long	0	0	0	0
Long (10 < t ≤ 20 ms)	0	0	0	0
Tot. Clicks Corr	40	0	0	0
Events	0	0	0	0
Time(s)	0.00	0.00	0.00	0.00
5.4.3.5 events	0	0	0	0
N	1.09	0.00	0.00	0.00
	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>



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**4.8 Harmonics current emissions**

**4.8.1 Test condition**

Applicable Standard:	EN IEC 61000-3-2:2019+A1:2021+A2:2024 / BS EN IEC 61000-3-2:2019+A2:2024	
Test set up description:	Floor standing equipment set-up (10 cm over ground plane)	
Limit classification in accordance with the standard:	<input checked="" type="checkbox"/>	Class A
	<input type="checkbox"/>	Class B
	<input type="checkbox"/>	Class C, rated power > 25 W
	<input type="checkbox"/>	Class C, 5 W ≤ rated power ≤ 25 W
	<input type="checkbox"/>	Class D
Observation period	2.5 min	
Remark:	--	



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**4.8.2 Test results**

Model:	<b>TTAF-1300ATS-H</b>
Test mode:	Mode A
Test voltage:	AC 230V, 50Hz

Current Harmonics (values at the end of test)

Harm No.	Harm. Ave.	Limit (100%)	% Of Limits	Result (Ave.)	Result (Max.)	Harm. Win.	Win. (150%)	% Of Max
2	0.0247	1.0800	2.3	PASS	PASS	0.0250	1.6200	1.5
3	0.0390	2.3000	1.7	PASS	PASS	0.0392	3.4500	1.1
4	0.0085	0.4300	2.0	PASS	PASS	0.0087	0.6450	1.3
5	0.0075	1.1400	0.7	PASS	PASS	0.0076	1.7100	0.4
6	0.0075	0.3000	2.5	PASS	PASS	0.0077	0.4500	1.7
7	0.0072	0.7700	0.9	PASS	PASS	0.0073	1.1550	0.6
8	0.0076	0.2300	3.3	PASS	PASS	0.0077	0.3450	2.2
9	0.0045	0.4000	1.1	PASS	PASS	0.0047	0.6000	0.8
10	0.0061	0.1840	3.3	PASS	PASS	0.0061	0.2760	2.2
11	0.0064	0.3300	1.9	PASS	PASS	0.0065	0.4950	1.3
12	0.0050	0.1533	3.2	PASS	PASS	0.0050	0.2300	2.2
13	0.0027	0.2100	1.3	PASS	PASS	0.0029	0.3150	0.9
14	0.0037	0.1314	2.8	PASS	PASS	0.0038	0.1971	1.9
15	0.0042	0.1500	2.8	PASS	PASS	0.0043	0.2250	1.9
16	0.0029	0.1150	2.5	PASS	PASS	0.0030	0.1725	1.7
17	0.0018	0.1324	1.3	PASS	PASS	0.0019	0.1986	1.0
18	0.0022	0.1022	2.2	PASS	PASS	0.0023	0.1533	1.5
19	0.0015	0.1184	1.3	PASS	PASS	0.0016	0.1776	0.9
20	0.0015	0.0920	1.7	PASS	PASS	0.0016	0.1380	1.2
21	0.0016	0.1071	1.5	PASS	PASS	0.0017	0.1607	1.1
22	0.0008	0.0836	1.0	PASS	PASS	0.0009	0.1254	0.7
23	0.0003	0.0978	0.3	PASS	PASS	0.0004	0.1467	0.3
24	0.0010	0.0767	1.2	PASS	PASS	0.0010	0.1151	0.9
25	0.0016	0.0900	1.7	PASS	PASS	0.0016	0.1350	1.2
26	0.0006	0.0708	0.9	PASS	PASS	0.0007	0.1062	0.6
27	0.0016	0.0833	1.9	PASS	PASS	0.0017	0.1250	1.4
28	0.0010	0.0657	1.5	PASS	PASS	0.0011	0.0986	1.1
29	0.0008	0.0776	1.0	PASS	PASS	0.0009	0.1164	0.8
30	0.0005	0.0613	0.9	PASS	PASS	0.0006	0.0920	0.7
31	0.0016	0.0720	2.2	PASS	PASS	0.0017	0.1080	1.6
32	0.0007	0.0575	1.1	PASS	PASS	0.0007	0.0863	0.9
33	0.0004	0.0682	0.6	PASS	PASS	0.0005	0.1023	0.5
34	0.0005	0.0541	1.0	PASS	PASS	0.0006	0.0812	0.8
35	0.0012	0.0643	1.8	PASS	PASS	0.0012	0.0965	1.3
36	0.0006	0.0511	1.1	PASS	PASS	0.0007	0.0767	0.9
37	0.0011	0.0608	1.8	PASS	PASS	0.0012	0.0912	1.3
38	0.0003	0.0484	0.7	PASS	PASS	0.0004	0.0726	0.5
39	0.0005	0.0577	0.9	PASS	PASS	0.0007	0.0866	0.8
40	0.0003	0.0460	0.6	PASS	PASS	0.0003	0.0690	0.5



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**4.9 Voltage fluctuation and flicker**

**4.9.1 Test condition**

Applicable Standard:	EN 61000-3-3:2013+A1:2019+A2:2021 / BS EN 61000-3-3:2013+A2:2021	
Test set up description:	Floor standing equipment set-up (10 cm over ground plane)	
Test method:	<input checked="" type="checkbox"/>	4.2.2 Flickermeter according to IEC 61000-4-15
	<input type="checkbox"/>	4.2.3 Simulation
	<input type="checkbox"/>	4.2.4 Analytical method
	<input checked="" type="checkbox"/>	4.2.5 Use of $P_{st} = 1$ curve
	<input type="checkbox"/>	4.3 Long-Term flicker value $P_{lt}$
Observation time selected:	<input checked="" type="checkbox"/>	10 Minutes
	<input type="checkbox"/>	120 Minutes
	<input type="checkbox"/>	24 times switching
	<input type="checkbox"/>	Other: --
Limit for $d_{max}$ applied:	<input checked="" type="checkbox"/>	4 %
	<input type="checkbox"/>	6 %
	<input type="checkbox"/>	7 %
Remark:	--	



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**4.9.2 Test results**

Model:	<b>TTAF-1300ATS-H</b>				
Test mode:	Mode A				
Test voltage:	AC 230V, 50Hz				
Parameter:	<b>P<sub>It</sub></b>	<b>P<sub>st</sub></b>	<b>dt (ms)</b>	<b>dc (%)</b>	<b>d<sub>max</sub> (%)</b>
Measured value:	NA	0.528	0.000	1.928	1.945
Limit value:	NA	1	500	3.30	4.00



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## 5 Conclusion

The apparatus Air fryer and models TTAF-1300A, TTAF-1300AT, TTAF-1300AS, TTAF-1300ATS, TTAF-1300A-H, TTAF-1300AT-H, TTAF-1300AS-H, TTAF-1300ATS-H are in compliance with the requirements of the standards EN IEC 55014-1:2021 / BS EN IEC 55014-1:2021, EN IEC 55014-2:2021 / BS EN IEC 55014-2:2021, EN IEC 61000-3-2:2019+A1:2021+A2:2024 / BS EN IEC 61000-3-2:2019+A2:2024 and EN 61000-3-3:2013+A1:2019+A2:2021 / BS EN 61000-3-3:2013+A2:2021.



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**Appendix A: Photograph of sample**



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