GETROM Home Appliance Co., Ltd.

TEST REPORT

SCOPE OF WORK
EMC TESTING– See Page 2

REPORT NUMBER
191105128GZU-001

ISSUE DATE	**[REVISED DATE]**
27 October 2021	[08-March-2022]

PAGES
133

DOCUMENT CONTROL NUMBER
FCC Part 18:2020-f

Total Quality. Assured.

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TEST REPORT

Applicant Name & Address	:	GETROM Home Appliance Co., Ltd. Dongfubei Road 74#, Nantou Town, ZHONGSHAN Guangdong 528427, China
Manufacturing Site	:	Same as Applicant
Intertek Report No:		191105128GZU-001 Amendment 1

Test standards

47 CFR Part 18 [2020 Edition]

Sample Description

Product	:	Induction Cooktop
Model No.	:	GK-ID123502, GK-ID123504, GK-ID123602B, GK-ID123604B, GK-IF247002, GK-IF247004, GK-IF247202B, GK-IF247204B, GK-IF307004, GK-IF307009, GK-IF307204B, GK-IF307209B, GK-IF307204BFF, GK-IF307209BFF, GK-IV369309, GK-IV36X209B, GK-IV36X209BFF, GK-ID121802-P, GK-ID121804-P.
Electrical Rating	:	GK-ID121802-P, GK-ID121804-P: 110-120Vac, 60HZ, 1800W. GK-ID123502, GK-ID123504: 208-240Vac, 60Hz, 3500W GK-ID123602B, GK-ID123604B: 208-240Vac, 60Hz, 3600W GK-IF247002, GK-IF247004, GK-IF307004, GK-IF307009: 208-240Vac, 60Hz, 7000W GK-IF247202B, GK-IF247204B, GK-IF307204B, GK-IF307209B, GK-IF307204BFF, GK-IF307209BFF: 208-240Vac, 60Hz, 7200W GK-IV369309: 208-240Vac, 60Hz, 9300W GK-IV36X209B, GK-IV36X209BFF: 208-240Vac, 60Hz, 10200W
Serial No.		Not Labeled
Date Received	:	28 December 2021
Date Test Conducted	:	05 January 2022-07 January 2022

Prepared and Checked By

Doctang Tang

Engineer

Approved By:

Sky Zhu

Team Leader

TEST REPORT

CONTENT

TEST REPORT

1. TEST RESULTS SUMMARY

Test Item	Standard	Result
Conducted disturbance voltage at mains ports	**FCC Part 18**	**Pass**
Radiated Emission (9 kHz to 30 MHz)	**FCC Part 18**	**Pass**
Radiated Emission (30 MHz to 1 GHz)	**FCC Part 18**	**Pass**
Remark: Reference publication is used for methods of measurement: FCC OST/ MP-5:1986		

Remark:

1. The symbol “N/A” in above table means Not Applicable.
2. When determining the test results, measurement uncertainty of tests has been considered.

TEST REPORT

2. EMC RESULTS CONCLUSION

RE: EMC Testing Pursuant to FCC part 18 authorized under the Supplier's Declaration of Conformity (SDOC) procedure was performed on the Induction Cooktop, Models GK-ID123502, GK-ID123504, GK-ID123602B, GK-ID123604B, GK-IF247002, GK-IF247004, GK-IF247202B, GK-IF247204B, GK-IF307004, GK-IF307009, GK-IF307204B, GK-IF307209B, GK-IF307204BFF, GK-IF307209BFF, GK-IV369309, GK-IV36X209B, GK-IV36X209BFF.

Based on model difference in page 6-9 model GK-ID123602B, GK-IF247202B, GK-IV36X209BFF, GK-ID121804-P had been performed full test, model GK-ID123604B and only heating zone 1#, model GK-IF307204BFF only heating zone 2# had been performed test, the test item listed in page 4 except for Radiated Emission (9 kHz to 30 MHz)

We tested the Induction Cooktop, Models GK-ID123602B, GK-ID123604B, GK-IF247202B, GK-IF307204BFF, GK-IV36X209BFF, GK-ID121804-P, to determine if it was in compliance with the relevant standard as marked on the Test Results Summary. We found that the unit met the requirement of FCC part 18 standard when tested as received. The worst case's test data was presented in this test report.

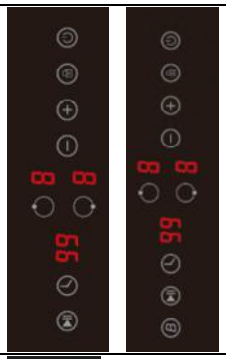
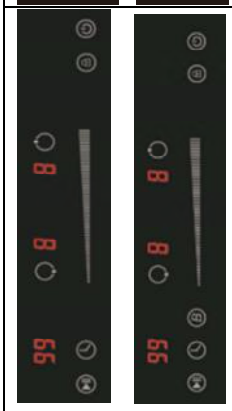
Remark:
Amendment 1:
This report is the revision of the previous test report 191105128GZU dated 27 October 2021 and shall replace it, this report is issued because of the following changes.
1) Updated standard to FCC Part 18 [2020 Edition]
2) Added two new model GK-ID121802-P, GK-ID121804-P, difference see page 6-9

The test data of model GK-ID123602B, GK-ID123604B, GK-IF247202B, GK-IF307204BFF, GK-IV36X209BFF are based on test report 191105128GZU.
This report replaced 191105128GZU

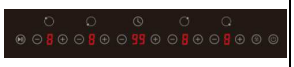
The production units are required to conform to the initial sample as received when the units are placed on the market.

TEST REPORT

Model differences:

Models	Power	Size	Induction Coil Assembly	Rated Voltage	Heating zone quantity	Main PCB and Filter	Display	Differences
GK-ID123502	3500W	288*520 mm	Rear Zone: 210mm,2000W Front Zone: 160mm,1500W	208-240V, 50/60HZ	2	Same		Same as each other except for display with "B" key or not. "B" represent with boost function
GK-ID123602B	3600W		Rear Zone: 210mm,2000W Boost 2600W; Front Zone 160mm,1500W Boost 2000W;		2			
GK-ID123504	3500W		Rear Zone: 160mm,1500W Front Zone: 210mm,2000W		2			Same as each other except for display with "B" key or not. "B" represent with boost function
GK-ID123604B	3600W		Rear Zone: 210mm,2000W Boost 2600W; Front Zone: 160mm,1500W Boost 2000W;		2			

TEST REPORT

Models	Power	Size	Induction Coil Assembly	Rated Voltage	Heating zone quantity	Main PCB and Filter	Display board	Differences
GK-IF247002	7000W	590*520 mm	Left-Rear Zone: 160mm,1500W Left-Front Zone: 210mm,2000W Right-Front Zone: 160mm,1500W Right-Rear Zone: 210mm,2000W	208-240V, 50/60HZ	4	Same		Same as each other except for display with "B" key or not, "B" represent with boost function
GK-IF247202B	7200W		Left-Rear Zone: 160mm,1500W Boost 2000W Left-Front Zone: 210mm,2000W Boost 3000W Right-Front Zone: 160mm,1500W Boost 2000W Right-Rear Zone: 210mm,2000W Boost 3000W		4			
GK-IF247004	7000W		Left-Rear Zone: 160mm,1500W Left-Front Zone: 210mm,2000W Right-Front Zone: 160mm,1500W Right-Rear Zone: 210mm,2000W		4			Same as each other except for display with "B" key or not. "B" represent with boost function
GK-IF247204B	7200W		Left-Rear Zone: 160mm,1500W Boost 2000W Left-Front Zone: Zone:210mm,2000W Boost 3000W; Right-Front Zone: 160mm,1500W Boost 2000W Right-Rear Zone: 210mm,2000W Boost 3000W		4			
GK-IF307004	7000W	770*520 mm	Left-Rear Zone: 160mm,1500W Left-Front Zone: 210mm,2000W Right-Front Zone: 160mm,1500W Right-Rear Zone: 210mm,2000W		4			Same as GK-IF247004/ GK-IF247204B except for size
GK-IF307204B	7200W		Left-Rear Zone: 160mm,1500W Boost 2000W Left-Front Zone: 210mm,2000W Boost 3000W Right-Front Zone: 160mm,1500W Boost 2000W Right-Rear Zone: 210mm,2000W Boost 3000W;		4			

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GK-IF307204B FF	**7200W**		**Left-Rear Zone: 190mm,1500W Boost 2000W Left-Front Zone: 190mm,2000W Boost 2600W Right-Front Zone: 190mm,1500W Boost 2000W Right-Rear Zone: 190mm,2000W Boost 2600W flexible area Zone 3000W Bost 3600W;**		**4**			**Same as GK-IF307204B except for GK-IF307204B without flexible area zone function GK-IF307204BFF with flexible area zone function**
GK-IF307009	**7000W**		**Left-Rear Zone: 160mm,1500W Left-Front Zone: 210mm,2000W Right-Front Zone: 160mm,1500W Right-Rear Zone: 210mm,2000W**		**4**			**They are same as each other except for GK-IF307009 without boost function, GK-IF307209B with boost function, GK-IF307209BFF with Boost and Flexible area zone function, The display only tiny difference lies in with/without Flexible area zone function key or boost key and LED** **The main PCB and filter are same as model GK-IV369309, GK-IV36X209B, GK-IV36X209BFF except for the size and one heating zone less** **The display bords are same as model GK-IV369309, GK-IV36X209B, GK-IV36X209BFF except for tiny difference lie in lack of the middle zone function key and LED**
GK-IF307209B	**7200W**		**Left-Rear Zone: 160mm,1500W Boost 2000W Left-Front Zone: 210mm,2000W Boost 3000W Right-Front Zone: 160mm,1500W Boost 2000W Right-Rear Zone: 210mm,2000W Boost 3000W**		**4**			
GK-IF307209B FF	**7200W**		**Left-Rear Zone: 190mm,1500W Boost 2000W Left-Front Zone: 190mm,2000W Boost 2600W Right-Front Zone: 190mm,1500W Boost 2000W Right-Rear Zone: 190mm,2000W Boost 2600W; flexible area Zone: 3000W Boost 3600W;**		**4**			

TEST REPORT

Models	Power	Size	Induction Coil Assembly	Rated Voltage	Heating zone quantity	Main PCB and Filter	Display board	Differences
GK-IV369309	9300W	900*520 mm	Left-Rear Zone: 160mm,1500W; Left-Front Zone: 210mm,2000W; middle zone: 280mm,2300W; Right-Front Zone: 160mm,1500W; Right-Rear Zone: 210mm,2000W;	208-240V, 50/60HZ	5	Same		They are same as each other except for GK-IV369309 without Boost function, GK-IV36X209B with Boost function no Flexible area zone function, GK-IV36X209BFF with Boost and Flexible area zone function The display only tiny difference lies in with/without Flexible area zone function key or boost key and LED
GK-IV36X209B	10200W		Left-Rear Zone: 160mm,1500W Boost 2000W; Left-Front Zone: 210mm,2000W Boost 3000W; middle zone: 280mm, 2300W Boost 3000W; Right-Front Zone: 160mm,1500W Boost 2000W; Right-Rear Zone: 210mm,2000W Boost 3000W;		5			
GK-IV36X209BFF	10200W		Left-Rear Zone: 190mm,1500W Boost 2000W; Left-Front Zone: 190mm,2000W Boost 2600W; middle zone: 280mm, 2300W Boost 3000W; Right-Front Zone: 190mm,1500W Boost 2000W; Right-Rear Zone: 190mm,2000W Boost 2600W; Flexible area zone: 3000W Boost 3600W;		5			
GK-ID121802-P	1800W	288*520 mm	Rear Zone: 210mm,1800W Front Zone: 160mm,1300W	110-120Vac, 60HZ	2	Same		Control PCB and display panel same as GK-ID123502
GK-ID121804-P								Control PCB and display panel same as GK-ID123504

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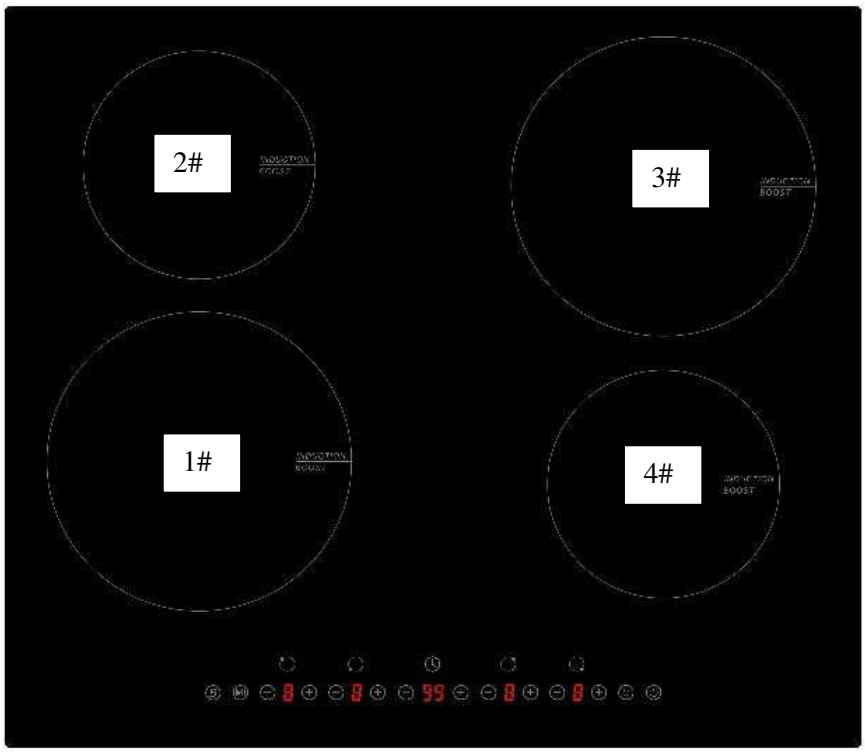
Induction hob heating zone define only used for test (1#,2#)
GK-ID123602B, GK-ID123604B, GK-ID121804-P

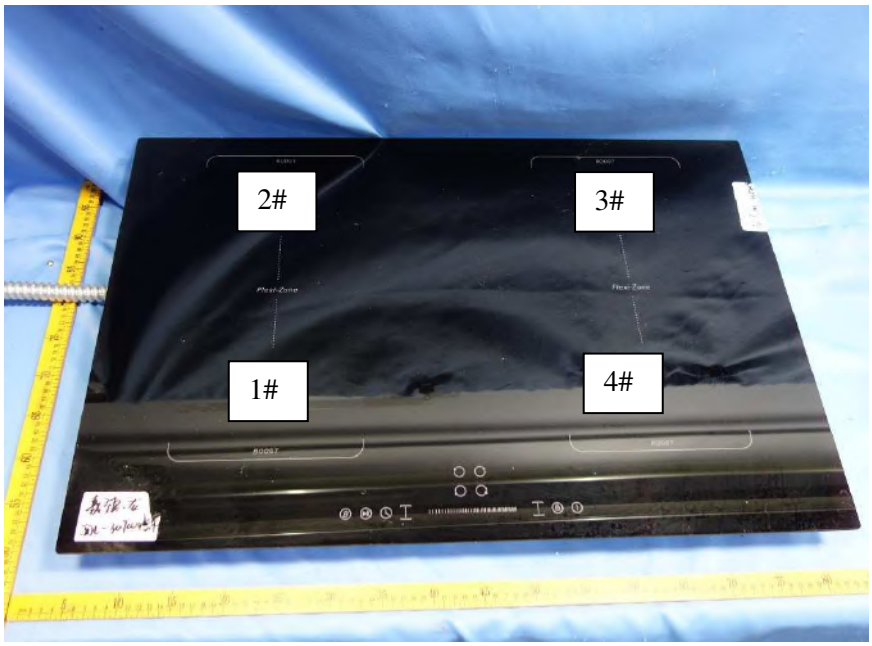
Induction hob heating zone define only used for test (1#,2#,3#,4#)
GK-IF247202B



TEST REPORT

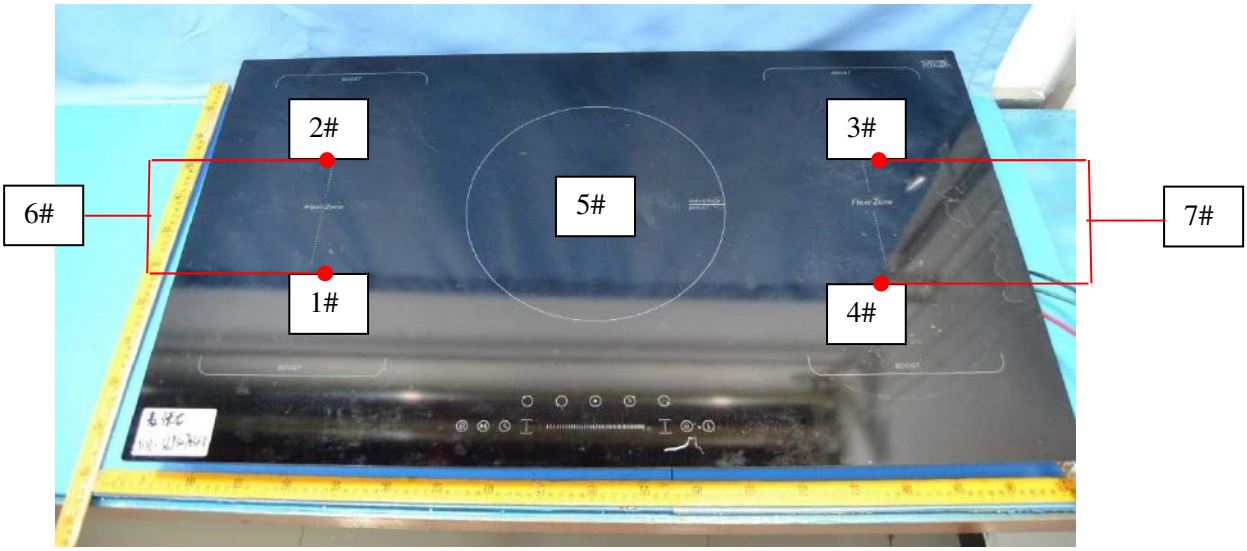
Induction hob heating zone define only used for test (1#,2#,3#,4#)

GK-IF307204BFF



Induction hob heating zone define only used for test (1#,2#,3#,4#,5#,6#,7#)
heating zone 6#,7# are Flexible Area

GK-IV36X209BFF



TEST REPORT

3. LABORATORY MEASUREMENTS

Configuration Information

Support Equipment:

Equipment	Model No.	Rating	Supplier
Ferromagnetic steel vessels	--	--	Intertek

Rated Voltage and frequency under test: 240 V~; 60 Hz
120 V~; 60 Hz for model GK-ID121804-P

Condition of Environment: Temperature: 22~28°C
Relative Humidity:35~60%
Atmosphere Pressure:86~106kPa

Notes:
1. The EMI measurements had been made in the operating mode produced the largest emission in the frequency band being investigated consistent with normal applications.
An attempt had been made to maximize the emission by varying the configuration of the EUT.

2. Test Facility accreditation:
A2LA Certificate Number 0078.10
Intertek Testing Services Shenzhen Ltd. Guangzhou Branch is accredited by A2LA and Listed in FCC website. FCC accredited test labs may perform both Certification testing under Parts 15 and 18 and Declaration of Conformity testing.

3. Test Location:
Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
All tests were performed at:
Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China
Except Radiated Emissions was performed at:
Room 102/104, No 203, KeZhu Road, Science City, GETDD Guangzhou, China

Foshan Shunde Guoce Testing Technology., Ltd.
(CNAS Registration No.: CNAS L2322)
No.3, Desheng East Road, Shunde Daliang, Foshan, Guangdong, China

Vkan Certification & Testing Institute (CVC)
(CNAS Registration No.: CNAS L0095)
No.3, Tiantaiyi Road, Kaitai Avenue, Science City, Guangzhou, Guangdong, China

4. Measurement Uncertainty
Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

No.	Item	Measurement Uncertainty
1	Conducted Emission (9 kHz-150 kHz)	2.79 dB
2	Conducted Emission (150 kHz-30 MHz)	2.55 dB
4	Radiated Emission (30 MHz-1 GHz)	4.8 dB

TEST REPORT

Foshan Shunde Guoce Testing Technology., Ltd.

No.	Item	Measurement Uncertainty
1	Conducted Emission (9 kHz-150 kHz)	3.8 dB
2	Conducted Emission (150 kHz-30 MHz)	3.4 dB
3	Radiated Emission (9KHz-30MHz)	4.9 dB

Vkan Certification & Testing Institute (CVC)

No.	Item	Measurement Uncertainty
3	Radiated Emission (9KHz-30MHz)	4.7 dB

The measurement uncertainty describes the overall uncertainty of the given measured value during the operation of the EUT.
Measurement uncertainty is calculated in accordance with CISPR16-4-2:2011+A1:2014 +A2:2018.
The measurement uncertainty is given with a confidence of 95%, k=2.
Determination of the test conclusion is based on IEC Guide 115 in consideration of measurement uncertainty.

TEST REPORT

5. EQUIPMENT USED DURING TEST

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
Conducted Disturbance-Mains Terminal

Equipment No.	Equipment	Model	Manufacturer	Cal. due date
EM031-04	EMI receiver	ESR3	R&S	2023.01.06
EM006-06	LISN	ENV216	R&S	2022.09.03
EM004-03	EMC shield Room	8m×4m×3m	Zhongyu	2023.01.06
EM031-04-01	EMC32 software (CE)	V10.01.00	R&S	N/A

Radiated Disturbance（30-1000MHz）

Equipment No.	Equipment	Model	Manufacturer	Cal. due date
EM030-04	3m Semi-Anechoic Chamber	9×6×6 m3	ETS-LINDGREN	2022.04.06
EM031-02	EMI Test Receiver (9 kHz~7 GHz)	R&S ESR7	R&S	2022.09.02
EM033-01	TRILOG Super Broadband test Antenna(30 MHz-3 GHz)	VULB 9163	SCHWARZBECK	2022.09.17
EM031-02-01	Coaxial cable	/	R&S	2022.04.05
EM036-01	Common-mode absorbing clamp	CMAD 20B	TESEQ	2022.07.18
SA047-118	Digital Temperature-Humidity Recorder	RS210	YIJIE	2022.07.21
EM045-01-01	EMC32 software (RE/RS)	V10.01.00	R&S	N/A

Foshan Shunde Guoce Testing Technology., Ltd.
Radiated Disturbance（9 kHz-30 MHz）

Equipment No.	Equipment	Model	Manufacturer	Cal. due date
200744CK0051	10m Semi-anechoic chamber	SAC10	Frankonia	2022.08.06
201144CK0064	EMI Test Receiver(20Hz-40GHz)	ESU40	R&S	2022.07.30
200744CP0002-5	loop Antenna(φ0.6m ,9kHz-30MHz)	HLA6120	Teseq	2022.12.17
200744CK0051-1	Turntable And Antenna Controller	FC02	Frankonia	N/A

Conducted Disturbance-Mains Terminal

Equipment No.	Equipment	Model	Manufacturer	Cal. due date
201644CK0028	EMI receiver	ESR3	R&S	2022.07.30
201644CK0028-1	10dB Pulse Limiter	ESH3-Z2	R&S	2022.12.15
201044CK0128-2	shielding room	NP-HJ2	Changzhou Nanping	2022.12.26

TEST REPORT

Vkan Certification & Testing Institute (CVC)
Radiated Disturbance （9 kHz-30 MHz）

Equipment No.	Equipment	Model	Manufacturer	Cal. due date
EM-000396	EMI Test Receiver	N9038A-508	Agilent	2022.03.05
EM-000384	Loop Antenna	FMZB1513	SCHWARZBECK	2022.03.05
EM-000460	Semi-Anechoic Chamber(10m)	10m-SAC	Albatross	2024.06.30

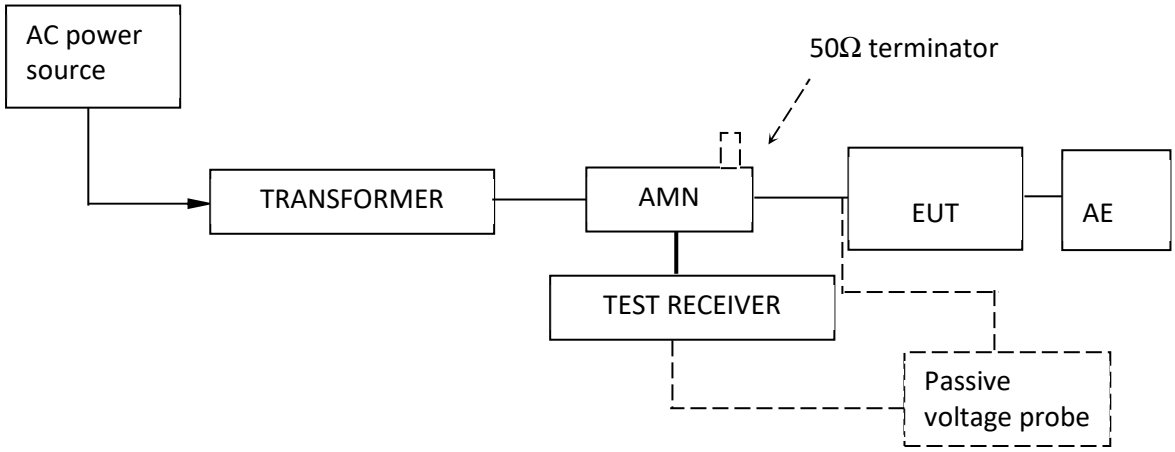
TEST REPORT

6. EMI TEST

6.1 FCC part 18 Continuous Conducted Disturbance Voltage Test

Test Result: Pass

6.1.1 Block Diagram of Test Setup



6.1.2 Test Setup and Procedure

The EUT was set to achieve the maximum emission level. The mains terminal disturbance voltage was measured with the EUT in a shielded room. The EUT was connected to AC power source through an Artificial Mains Network which provides a 50Ω linear impedance artificial hand is used if appropriate (for handheld apparatus).

The table-top EUT was placed on a 0.8m high non-metallic table above earthed ground plane(Ground Reference Plane).And for floor standing EUT, was placed on a 0.1m high non-metallic supported on GRP. The EUT keeps a distance of at least 0.4m from a vertical metallic surface. The Artificial Mains Network is situated at a distance of 0.8m from the EUT.

During the test, mains lead of EUT excess 0.8m was folded back and forth parallel to the lead so as to form a horizontal bundle with a length between 0.3m and 0.4m.

The bandwidth of test receiver was set at 200 Hz for measurements from 9 kHz to 150 kHz and 9 kHz for measurements from 150 kHz to 30 MHz.

TEST REPORT

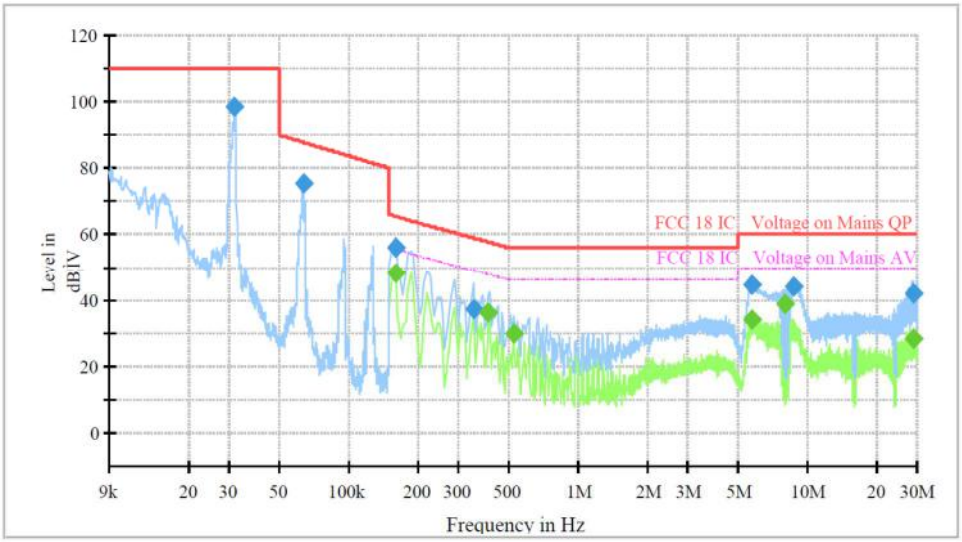
6.1.3 Limit

Frequency range MHz	**AC mains terminals** dB (uV)	
	Quasi-peak	Average
0.009 to 0.05	110	-
0.05 to 0.15	90 to 80*	-
0.15 to 0.5	66 to 56*	56 to 46*
0.5 to 5	56	46
5 to 30	60	50
Note 1: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz. Note 2: The lower limit is applicable at the transition frequency.		

TEST REPORT

6.1.4 Test Data and curve

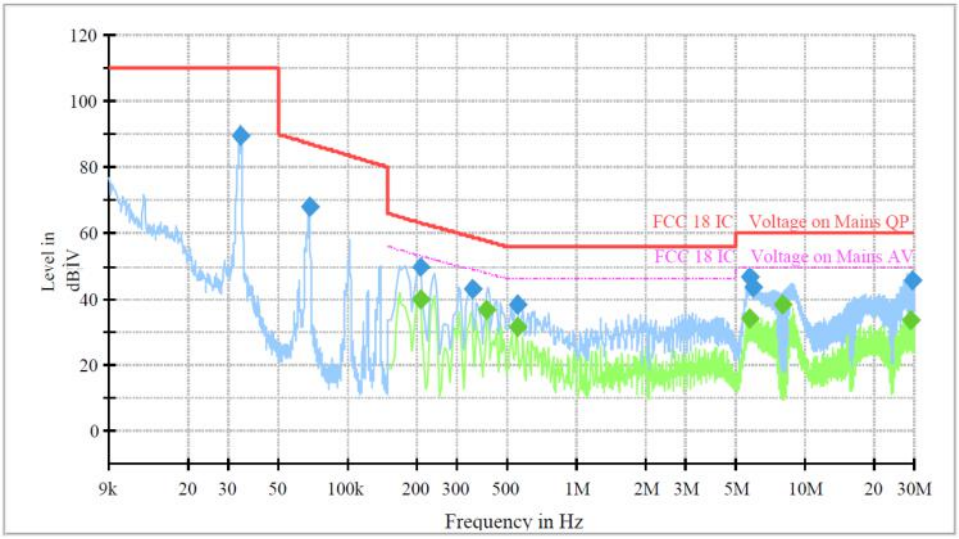
At mains terminal:
Model GK-ID123602B
1# heating zone
Tested Wire: Live **Operation Mode: Heating(max power)**



Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.031700	98.63	---	110.00	11.37	1000.0	0.200	L1	OFF	9.7
0.063600	75.65	---	87.81	12.16	1000.0	0.200	L1	OFF	9.5
0.159000	---	48.15	55.52	7.37	1000.0	9.000	L1	OFF	9.6
0.159000	56.05	---	65.52	9.46	1000.0	9.000	L1	OFF	9.6
0.348000	37.37	---	59.01	21.64	1000.0	9.000	L1	OFF	9.6
0.406500	---	35.97	47.72	11.75	1000.0	9.000	L1	OFF	9.6
0.523500	---	29.83	46.00	16.17	1000.0	9.000	L1	OFF	9.6
5.739000	44.36	---	60.00	15.64	1000.0	9.000	L1	OFF	9.8
5.761500	---	34.29	50.00	15.71	1000.0	9.000	L1	OFF	9.8
8.020500	---	38.82	50.00	11.18	1000.0	9.000	L1	OFF	9.9
8.682000	43.92	---	60.00	16.08	1000.0	9.000	L1	OFF	9.9
28.977000	---	28.01	50.00	21.99	1000.0	9.000	L1	OFF	10.6
28.977000	41.68	---	60.00	18.32	1000.0	9.000	L1	OFF	10.6

TEST REPORT

Tested Wire: Neutral **Operation Mode: Heating(max power)**

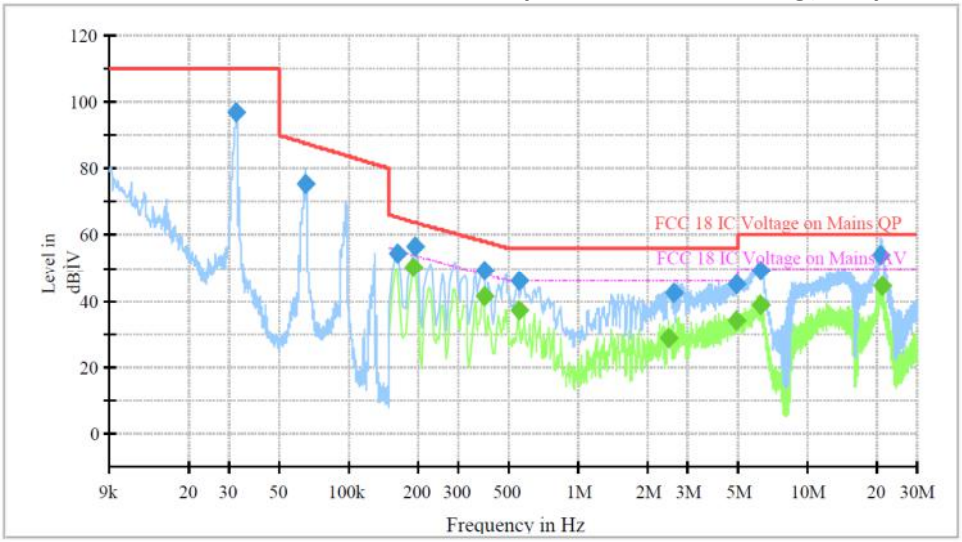


Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.033900	89.85	---	110.00	20.15	1000.0	0.200	N	OFF	9.7
0.068000	68.29	---	87.20	18.91	1000.0	0.200	N	OFF	9.6
0.208500	---	39.95	53.27	13.32	1000.0	9.000	N	OFF	9.6
0.208500	49.77	---	63.27	13.49	1000.0	9.000	N	OFF	9.6
0.348000	43.11	---	59.01	15.90	1000.0	9.000	N	OFF	9.6
0.406500	---	36.58	47.72	11.14	1000.0	9.000	N	OFF	9.6
0.550500	---	31.52	46.00	14.48	1000.0	9.000	N	OFF	9.7
0.550500	38.48	---	56.00	17.52	1000.0	9.000	N	OFF	9.7
5.739000	46.38	---	60.00	13.62	1000.0	9.000	N	OFF	9.8
5.743500	---	33.93	50.00	16.07	1000.0	9.000	N	OFF	9.8
5.955000	43.40	---	60.00	16.60	1000.0	9.000	N	OFF	9.9
8.020500	---	38.01	50.00	11.99	1000.0	9.000	N	OFF	9.9
29.107500	---	33.33	50.00	16.67	1000.0	9.000	N	OFF	10.7
29.314500	45.35	---	60.00	14.65	1000.0	9.000	N	OFF	10.7

TEST REPORT

2# heating zone

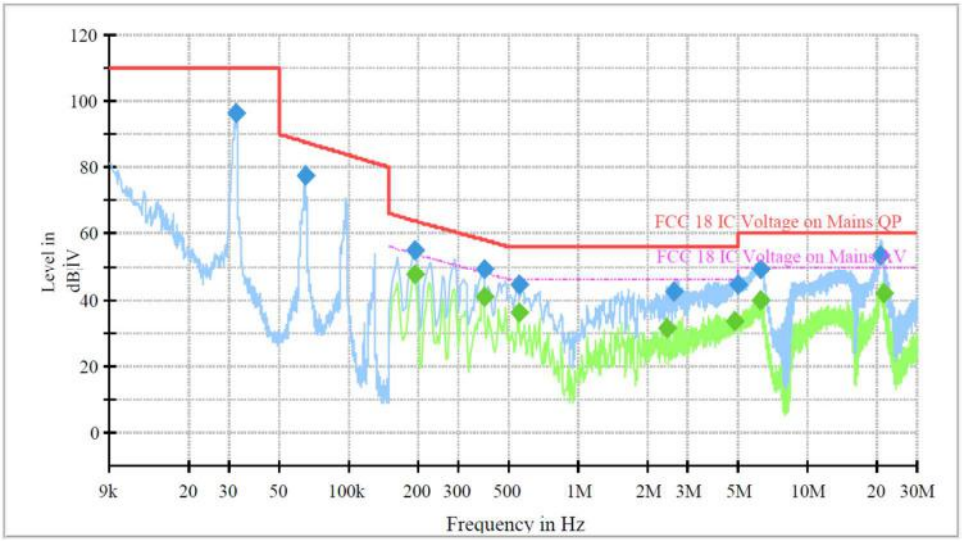
Tested Wire: Live **Operation Mode: Heating(max power)**



Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.032300	96.75	---	110.00	13.25	1000.0	0.200	L1	OFF	9.7
0.064600	75.56	---	87.67	12.11	1000.0	0.200	L1	OFF	9.5
0.163500	54.58	---	65.28	10.70	1000.0	9.000	L1	OFF	9.6
0.190500	---	50.19	54.02	3.82	1000.0	9.000	L1	OFF	9.6
0.195000	56.43	---	63.82	7.39	1000.0	9.000	L1	OFF	9.6
0.388500	---	41.33	48.10	6.76	1000.0	9.000	L1	OFF	9.6
0.388500	49.39	---	58.10	8.71	1000.0	9.000	L1	OFF	9.6
0.550500	45.86	---	56.00	10.14	1000.0	9.000	L1	OFF	9.6
0.550500	---	37.43	46.00	8.57	1000.0	9.000	L1	OFF	9.6
2.485500	---	28.57	46.00	17.43	1000.0	9.000	L1	OFF	9.7
2.620500	42.54	---	56.00	13.46	1000.0	9.000	L1	OFF	9.7
4.875000	---	33.81	46.00	12.19	1000.0	9.000	L1	OFF	9.8
4.888500	45.09	---	56.00	10.91	1000.0	9.000	L1	OFF	9.8
6.189000	49.23	---	60.00	10.77	1000.0	9.000	L1	OFF	9.8
6.207000	---	38.63	50.00	11.37	1000.0	9.000	L1	OFF	9.8
20.922000	54.16	---	60.00	5.84	1000.0	9.000	L1	OFF	10.3
21.106500	---	44.60	50.00	5.40	1000.0	9.000	L1	OFF	10.3

TEST REPORT

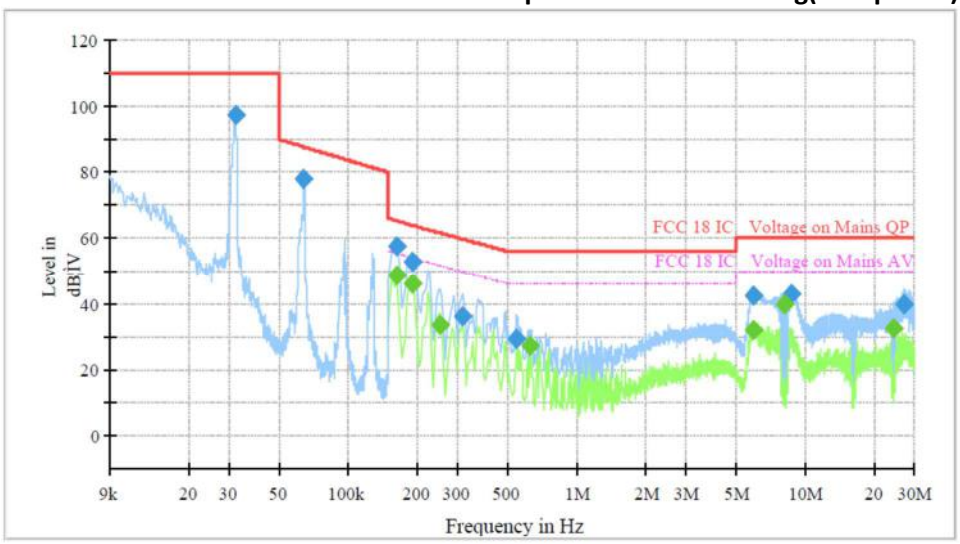
Tested Wire: Neutral **Operation Mode: Heating(max power)**



Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.032200	96.53	---	110.00	13.47	1000.0	0.200	N	OFF	9.7
0.064200	77.60	---	87.73	10.13	1000.0	0.200	N	OFF	9.6
0.195000	---	47.85	53.82	5.97	1000.0	9.000	N	OFF	9.6
0.195000	55.01	---	63.82	8.81	1000.0	9.000	N	OFF	9.6
0.388500	---	40.98	48.10	7.12	1000.0	9.000	N	OFF	9.6
0.388500	49.33	---	58.10	8.77	1000.0	9.000	N	OFF	9.6
0.550500	44.70	---	56.00	11.30	1000.0	9.000	N	OFF	9.7
0.550500	---	36.16	46.00	9.84	1000.0	9.000	N	OFF	9.7
2.427000	---	31.67	46.00	14.33	1000.0	9.000	N	OFF	9.7
2.620500	42.51	---	56.00	13.49	1000.0	9.000	N	OFF	9.7
4.821000	---	33.74	46.00	12.26	1000.0	9.000	N	OFF	9.8
4.933500	44.51	---	56.00	11.49	1000.0	9.000	N	OFF	9.8
6.198000	49.38	---	60.00	10.62	1000.0	9.000	N	OFF	9.9
6.216000	---	39.58	50.00	10.42	1000.0	9.000	N	OFF	9.9
20.836500	53.45	---	60.00	6.55	1000.0	9.000	N	OFF	10.3
21.399000	---	41.88	50.00	8.12	1000.0	9.000	N	OFF	10.4

TEST REPORT

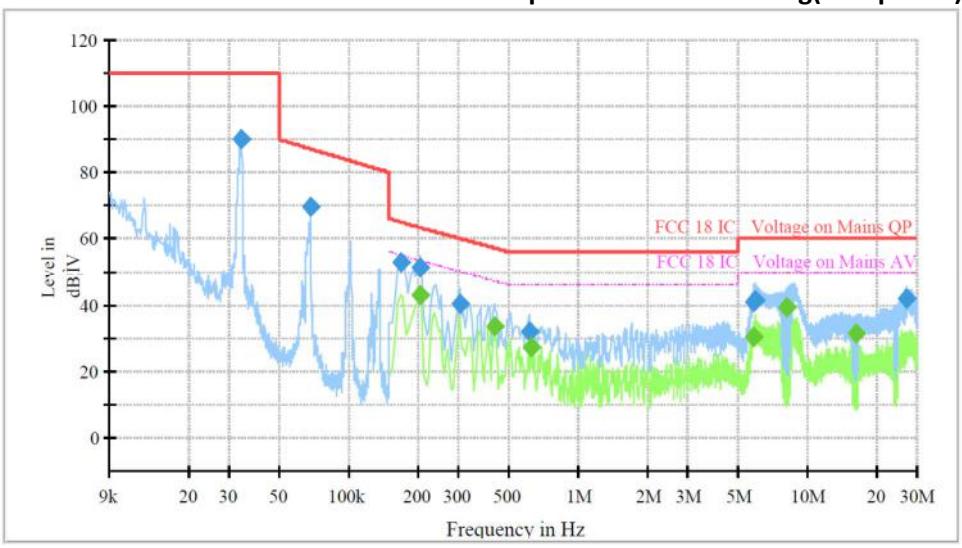
Model GK-ID123604B
1# heating zone
Tested Wire: Live **Operation Mode: Heating(max power)**



Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.032000	97.49	---	110.00	12.51	1000.0	0.200	L1	OFF	9.7
0.063900	77.89	---	87.77	9.88	1000.0	0.200	L1	OFF	9.5
0.163500	---	48.84	55.28	6.44	1000.0	9.000	L1	OFF	9.6
0.163500	57.80	---	65.28	7.49	1000.0	9.000	L1	OFF	9.6
0.190500	---	46.05	54.02	7.97	1000.0	9.000	L1	OFF	9.6
0.190500	52.80	---	64.02	11.22	1000.0	9.000	L1	OFF	9.6
0.253500	---	33.34	51.64	18.30	1000.0	9.000	L1	OFF	9.6
0.316500	36.21	---	59.80	23.59	1000.0	9.000	L1	OFF	9.6
0.546000	29.39	---	56.00	26.61	1000.0	9.000	L1	OFF	9.6
0.627000	---	27.07	46.00	18.93	1000.0	9.000	L1	OFF	9.7
5.892000	42.61	---	60.00	17.39	1000.0	9.000	L1	OFF	9.8
5.914500	---	31.99	50.00	18.01	1000.0	9.000	L1	OFF	9.8
8.070000	---	40.01	50.00	9.99	1000.0	9.000	L1	OFF	9.9
8.718000	42.77	---	60.00	17.23	1000.0	9.000	L1	OFF	10.0
24.405000	---	32.45	50.00	17.55	1000.0	9.000	L1	OFF	10.4
27.249000	39.60	---	60.00	20.40	1000.0	9.000	L1	OFF	10.5

TEST REPORT

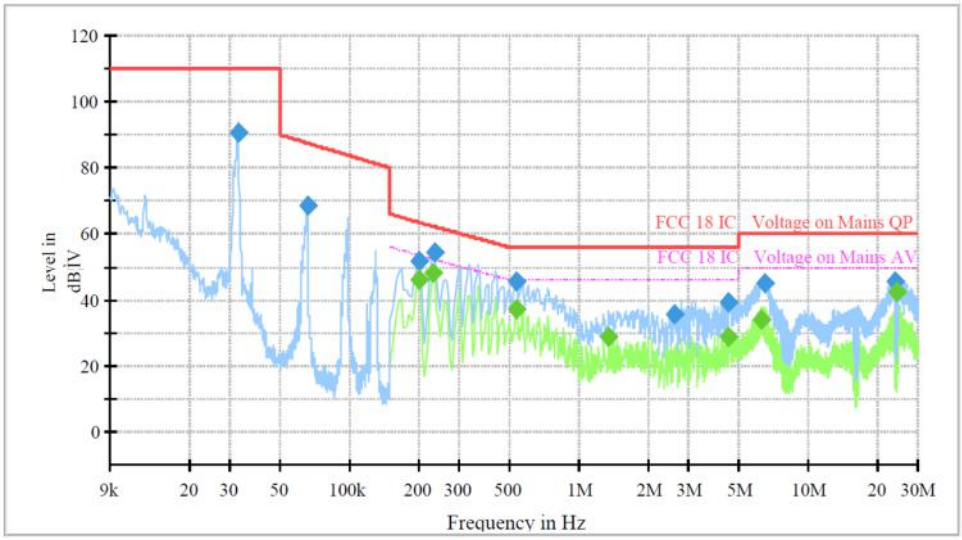
Tested Wire: Neutral **Operation Mode: Heating(max power)**



Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.033900	90.08	---	110.00	19.92	1000.0	0.200	N	OFF	9.7
0.067700	69.85	---	87.24	17.39	1000.0	0.200	N	OFF	9.6
0.168000	52.87	---	65.06	12.19	1000.0	9.000	N	OFF	9.6
0.204000	---	43.10	53.45	10.35	1000.0	9.000	N	OFF	9.6
0.204000	51.33	---	63.45	12.12	1000.0	9.000	N	OFF	9.6
0.303000	40.12	---	60.16	20.04	1000.0	9.000	N	OFF	9.6
0.429000	---	33.64	47.27	13.63	1000.0	9.000	N	OFF	9.6
0.609000	32.04	---	56.00	23.96	1000.0	9.000	N	OFF	9.7
0.627000	---	27.37	46.00	18.63	1000.0	9.000	N	OFF	9.7
5.820000	---	30.16	50.00	19.84	1000.0	9.000	N	OFF	9.8
5.820000	40.66	---	60.00	19.34	1000.0	9.000	N	OFF	9.8
5.923500	41.52	---	60.00	18.48	1000.0	9.000	N	OFF	9.9
8.133000	---	39.36	50.00	10.64	1000.0	9.000	N	OFF	10.0
16.170000	---	31.65	50.00	18.35	1000.0	9.000	N	OFF	10.3
26.992500	41.99	---	60.00	18.01	1000.0	9.000	N	OFF	10.6

TEST REPORT

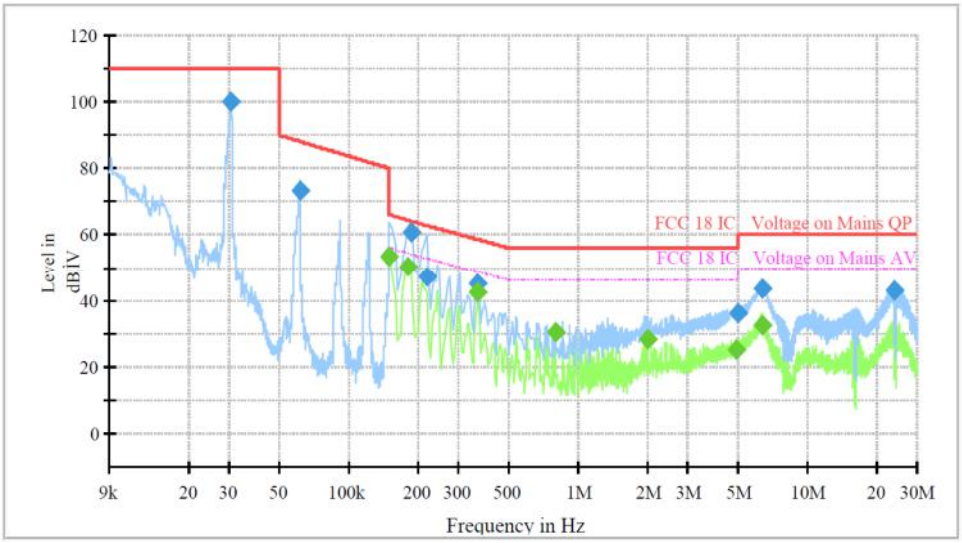
Model GK-IF247202B
1# heating zone
Tested Wire: Live **Operation Mode: Heating(max power)**



Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.032500	90.81	---	110.00	19.19	1000.0	0.200	L1	OFF	9.7
0.065200	68.42	---	87.58	19.16	1000.0	0.200	L1	OFF	9.5
0.199500	---	46.20	53.63	7.43	1000.0	9.000	L1	OFF	9.6
0.199500	51.71	---	63.63	11.92	1000.0	9.000	L1	OFF	9.6
0.231000	---	48.07	52.41	4.35	1000.0	9.000	L1	OFF	9.6
0.235500	54.22	---	62.25	8.03	1000.0	9.000	L1	OFF	9.6
0.537000	---	36.96	46.00	9.04	1000.0	9.000	L1	OFF	9.6
0.537000	45.60	---	56.00	10.40	1000.0	9.000	L1	OFF	9.6
1.342500	---	28.96	46.00	17.04	1000.0	9.000	L1	OFF	9.7
2.602500	35.43	---	56.00	20.57	1000.0	9.000	L1	OFF	9.7
4.456500	39.19	---	56.00	16.81	1000.0	9.000	L1	OFF	9.8
4.456500	---	28.74	46.00	17.26	1000.0	9.000	L1	OFF	9.8
6.274500	---	34.19	50.00	15.81	1000.0	9.000	L1	OFF	9.8
6.441000	45.10	---	60.00	14.90	1000.0	9.000	L1	OFF	9.9
24.094500	45.60	---	60.00	14.40	1000.0	9.000	L1	OFF	10.4
24.229500	---	42.37	50.00	7.63	1000.0	9.000	L1	OFF	10.4

TEST REPORT

Tested Wire: Neutral **Operation Mode: Heating(max power)**

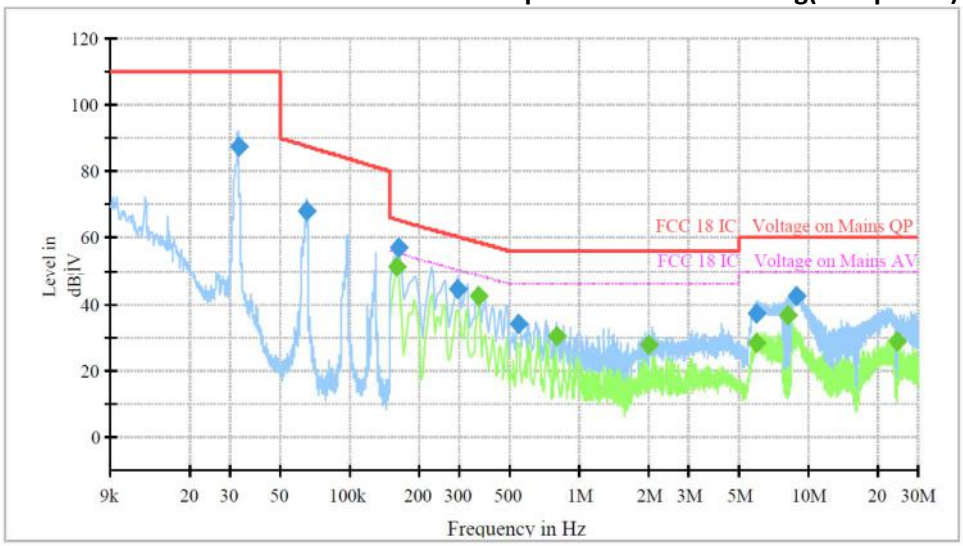


Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.030400	99.88	---	110.00	10.12	1000.0	0.200	N	OFF	9.7
0.061000	73.56	---	88.19	14.63	1000.0	0.200	N	OFF	9.6
0.150000	---	53.43	56.00	2.57	1000.0	9.000	N	OFF	9.6
0.181500	---	50.04	54.42	4.38	1000.0	9.000	N	OFF	9.6
0.186000	60.70	---	64.21	3.52	1000.0	9.000	N	OFF	9.6
0.217500	46.89	---	62.91	16.03	1000.0	9.000	N	OFF	9.6
0.366000	44.80	---	58.59	13.79	1000.0	9.000	N	OFF	9.6
0.366000	---	42.19	48.59	6.41	1000.0	9.000	N	OFF	9.6
0.793500	---	30.35	46.00	15.65	1000.0	9.000	N	OFF	9.7
2.017500	---	28.04	46.00	17.96	1000.0	9.000	N	OFF	9.7
4.861500	---	25.36	46.00	20.64	1000.0	9.000	N	OFF	9.8
4.933500	36.24	---	56.00	19.76	1000.0	9.000	N	OFF	9.8
6.360000	43.44	---	60.00	16.56	1000.0	9.000	N	OFF	9.9
6.360000	---	32.62	50.00	17.38	1000.0	9.000	N	OFF	9.9
23.716500	42.71	---	60.00	17.29	1000.0	9.000	N	OFF	10.5

TEST REPORT

2# heating zone

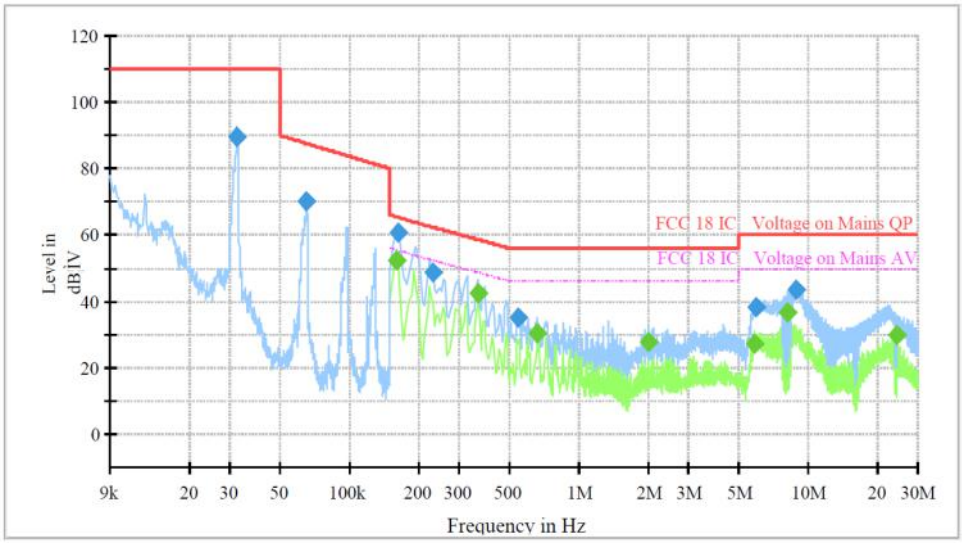
Tested Wire: Live **Operation Mode: Heating(max power)**



Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.032500	87.35	---	110.00	22.65	1000.0	0.200	L1	OFF	9.7
0.064800	68.17	---	87.64	19.47	1000.0	0.200	L1	OFF	9.5
0.159000	---	51.42	55.52	4.10	1000.0	9.000	L1	OFF	9.6
0.163500	57.28	---	65.28	8.01	1000.0	9.000	L1	OFF	9.6
0.294000	44.31	---	60.41	16.10	1000.0	9.000	L1	OFF	9.6
0.366000	---	42.63	48.59	5.96	1000.0	9.000	L1	OFF	9.6
0.541500	34.02	---	56.00	21.98	1000.0	9.000	L1	OFF	9.6
0.793500	---	30.22	46.00	15.78	1000.0	9.000	L1	OFF	9.7
2.013000	---	27.56	46.00	18.44	1000.0	9.000	L1	OFF	9.7
5.883000	---	28.11	50.00	21.89	1000.0	9.000	L1	OFF	9.8
5.914500	37.11	---	60.00	22.89	1000.0	9.000	L1	OFF	9.8
8.124000	---	36.70	50.00	13.30	1000.0	9.000	L1	OFF	9.9
8.844000	42.20	---	60.00	17.80	1000.0	9.000	L1	OFF	10.0
24.175500	---	28.66	50.00	21.34	1000.0	9.000	L1	OFF	10.4

TEST REPORT

Tested Wire: Neutral **Operation Mode: Heating(max power)**

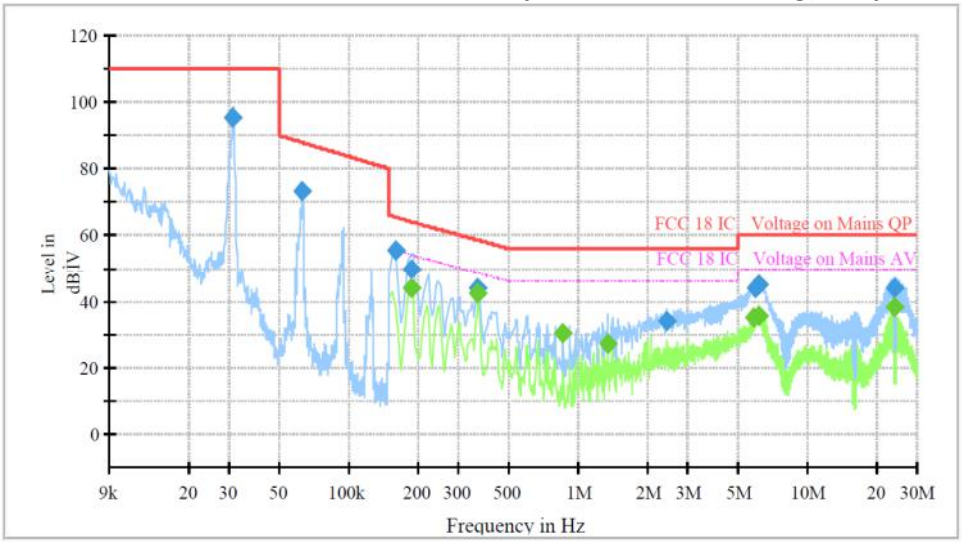


Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.032200	89.81	---	110.00	20.19	1000.0	0.200	N	OFF	9.7
0.064900	70.00	---	87.63	17.63	1000.0	0.200	N	OFF	9.6
0.159000	---	52.58	55.52	2.94	1000.0	9.000	N	OFF	9.6
0.163500	61.00	---	65.28	4.28	1000.0	9.000	N	OFF	9.6
0.231000	48.74	---	62.41	13.67	1000.0	9.000	N	OFF	9.6
0.366000	---	42.45	48.59	6.14	1000.0	9.000	N	OFF	9.6
0.546000	35.03	---	56.00	20.97	1000.0	9.000	N	OFF	9.7
0.658500	---	30.30	46.00	15.70	1000.0	9.000	N	OFF	9.7
2.008500	---	27.79	46.00	18.21	1000.0	9.000	N	OFF	9.7
5.815500	---	27.35	50.00	22.65	1000.0	9.000	N	OFF	9.8
5.914500	38.27	---	60.00	21.73	1000.0	9.000	N	OFF	9.9
8.061000	---	36.66	50.00	13.34	1000.0	9.000	N	OFF	9.9
8.781000	43.29	---	60.00	16.71	1000.0	9.000	N	OFF	10.0
24.211500	---	29.87	50.00	20.13	1000.0	9.000	N	OFF	10.5

TEST REPORT

3# heating zone

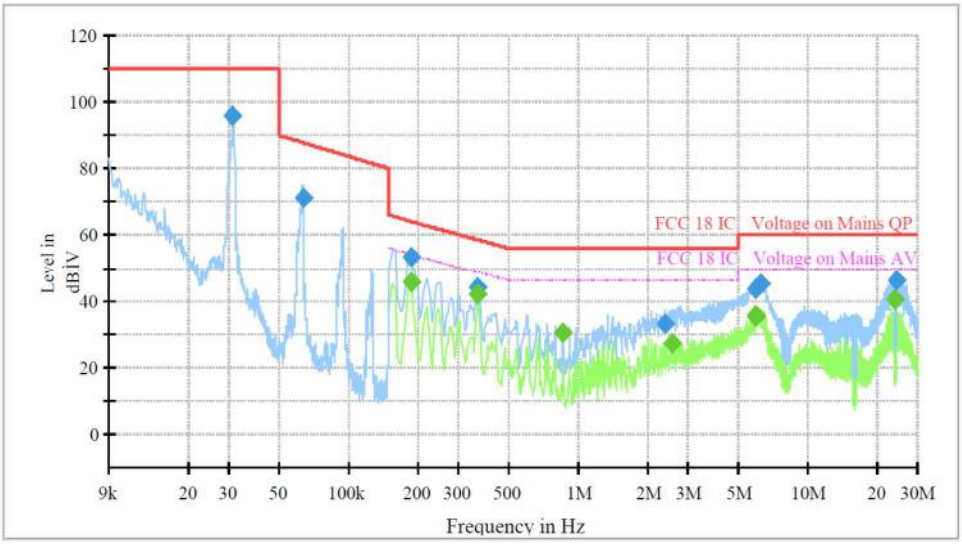
Tested Wire: Live **Operation Mode: Heating(max power)**



Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.031300	95.55	---	110.00	14.45	1000.0	0.200	L1	OFF	9.7
0.062900	73.28	---	87.91	14.63	1000.0	0.200	L1	OFF	9.5
0.159000	55.44	---	65.52	10.08	1000.0	9.000	L1	OFF	9.6
0.186000	---	43.87	54.21	10.35	1000.0	9.000	L1	OFF	9.6
0.186000	49.70	---	64.21	14.51	1000.0	9.000	L1	OFF	9.6
0.366000	---	42.40	48.59	6.19	1000.0	9.000	L1	OFF	9.6
0.366000	44.13	---	58.59	14.46	1000.0	9.000	L1	OFF	9.6
0.856500	---	30.43	46.00	15.57	1000.0	9.000	L1	OFF	9.7
1.347000	---	27.45	46.00	18.55	1000.0	9.000	L1	OFF	9.7
2.445000	34.29	---	56.00	21.71	1000.0	9.000	L1	OFF	9.7
5.847000	---	35.17	50.00	14.83	1000.0	9.000	L1	OFF	9.8
5.914500	43.94	---	60.00	16.06	1000.0	9.000	L1	OFF	9.8
6.094500	---	35.45	50.00	14.55	1000.0	9.000	L1	OFF	9.8
6.175500	44.94	---	60.00	15.06	1000.0	9.000	L1	OFF	9.8
23.901000	43.94	---	60.00	16.06	1000.0	9.000	L1	OFF	10.4
24.121500	---	38.46	50.00	11.54	1000.0	9.000	L1	OFF	10.4

TEST REPORT

Tested Wire: Neutral **Operation Mode: Heating(max power)**

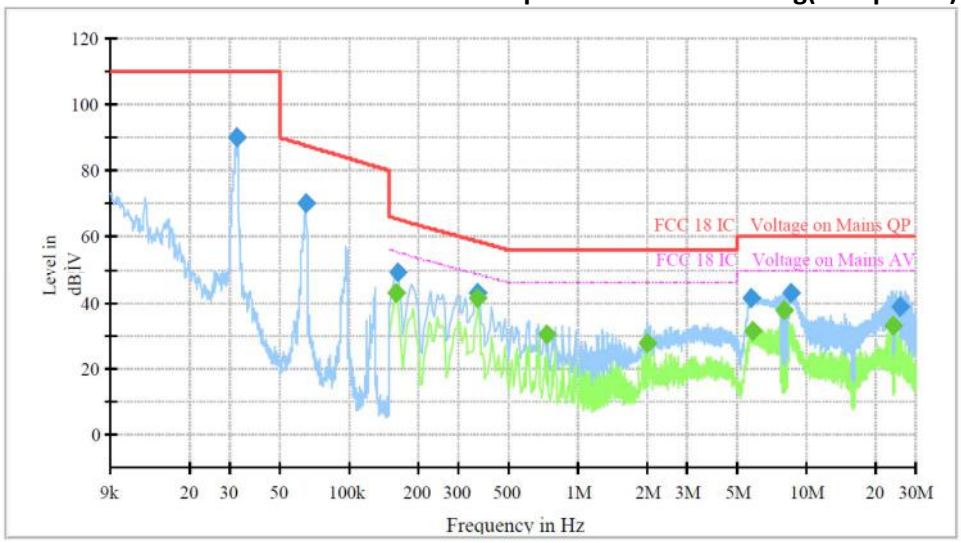


Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.031300	95.84	---	110.00	14.16	1000.0	0.200	N	OFF	9.7
0.063000	71.42	---	87.90	16.47	1000.0	0.200	N	OFF	9.6
0.186000	---	45.48	54.21	8.73	1000.0	9.000	N	OFF	9.6
0.186000	53.25	---	64.21	10.96	1000.0	9.000	N	OFF	9.6
0.366000	---	41.99	48.59	6.60	1000.0	9.000	N	OFF	9.6
0.366000	43.98	---	58.59	14.61	1000.0	9.000	N	OFF	9.6
0.856500	---	30.27	46.00	15.73	1000.0	9.000	N	OFF	9.7
2.382000	32.92	---	56.00	23.08	1000.0	9.000	N	OFF	9.7
2.571000	---	27.47	46.00	18.53	1000.0	9.000	N	OFF	9.7
5.874000	43.29	---	60.00	16.71	1000.0	9.000	N	OFF	9.9
5.883000	---	35.00	50.00	15.00	1000.0	9.000	N	OFF	9.9
5.973000	---	35.47	50.00	14.53	1000.0	9.000	N	OFF	9.9
6.189000	44.98	---	60.00	15.02	1000.0	9.000	N	OFF	9.9
24.058500	---	40.22	50.00	9.78	1000.0	9.000	N	OFF	10.5
24.468000	46.22	---	60.00	13.78	1000.0	9.000	N	OFF	10.5

TEST REPORT

4# heating zone

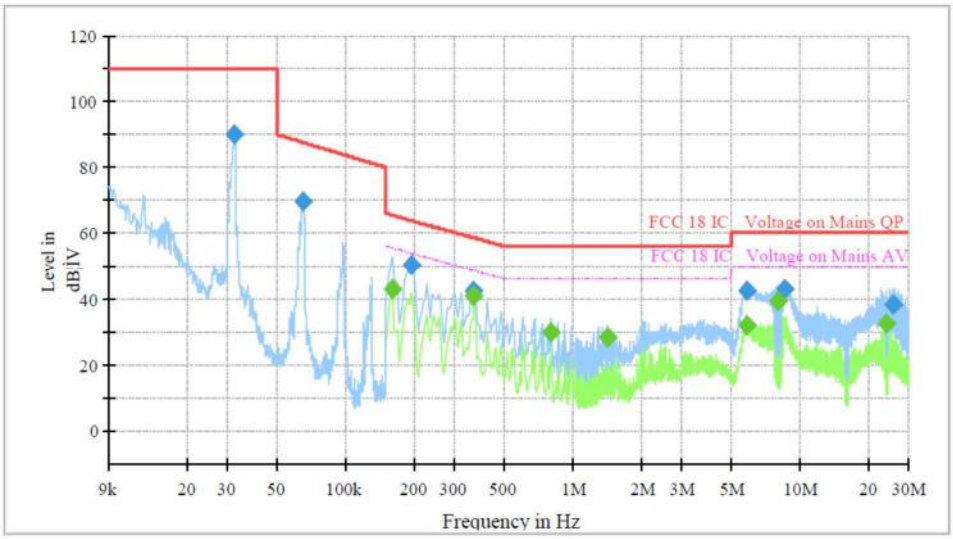
Tested Wire: Live **Operation Mode: Heating(max power)**



Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.032300	89.99	---	110.00	20.01	1000.0	0.200	L1	OFF	9.7
0.064400	70.33	---	87.70	17.36	1000.0	0.200	L1	OFF	9.5
0.159000	---	42.84	55.52	12.68	1000.0	9.000	L1	OFF	9.6
0.163500	49.06	---	65.28	16.22	1000.0	9.000	L1	OFF	9.6
0.366000	---	41.24	48.59	7.35	1000.0	9.000	L1	OFF	9.6
0.366000	42.81	---	58.59	15.78	1000.0	9.000	L1	OFF	9.6
0.735000	---	30.46	46.00	15.54	1000.0	9.000	L1	OFF	9.7
2.022000	---	27.81	46.00	18.19	1000.0	9.000	L1	OFF	9.7
5.757000	41.29	---	60.00	18.71	1000.0	9.000	L1	OFF	9.8
5.815500	---	31.16	50.00	18.84	1000.0	9.000	L1	OFF	9.8
8.007000	---	37.51	50.00	12.49	1000.0	9.000	L1	OFF	9.9
8.601000	43.15	---	60.00	16.85	1000.0	9.000	L1	OFF	9.9
23.964000	---	32.79	50.00	17.21	1000.0	9.000	L1	OFF	10.4
25.750500	38.87	---	60.00	21.13	1000.0	9.000	L1	OFF	10.4

TEST REPORT

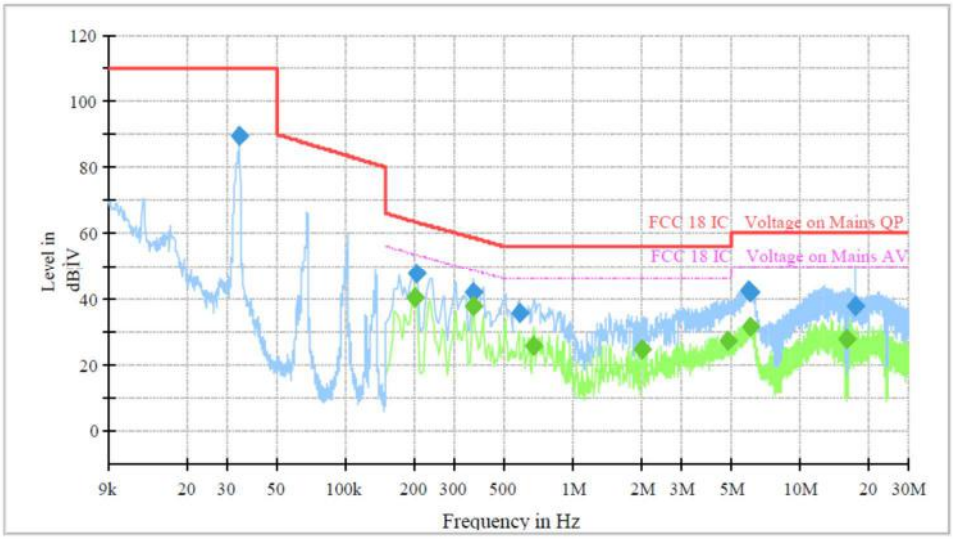
Tested Wire: Neutral **Operation Mode: Heating(max power)**



Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.032300	90.24	---	110.00	19.76	1000.0	0.200	N	OFF	9.7
0.064400	69.59	---	87.70	18.11	1000.0	0.200	N	OFF	9.6
0.159000	---	43.18	55.52	12.34	1000.0	9.000	N	OFF	9.6
0.195000	50.22	---	63.82	13.60	1000.0	9.000	N	OFF	9.6
0.366000	---	40.70	48.59	7.89	1000.0	9.000	N	OFF	9.6
0.366000	42.17	---	58.59	16.42	1000.0	9.000	N	OFF	9.6
0.798000	---	29.87	46.00	16.13	1000.0	9.000	N	OFF	9.7
1.410000	---	28.11	46.00	17.89	1000.0	9.000	N	OFF	9.7
5.779500	42.63	---	60.00	17.37	1000.0	9.000	N	OFF	9.8
5.842500	---	32.06	50.00	17.94	1000.0	9.000	N	OFF	9.8
8.007000	---	39.12	50.00	10.88	1000.0	9.000	N	OFF	9.9
8.596500	43.17	---	60.00	16.83	1000.0	9.000	N	OFF	10.0
23.959500	---	32.52	50.00	17.48	1000.0	9.000	N	OFF	10.5
25.710000	38.17	---	60.00	21.83	1000.0	9.000	N	OFF	10.5

TEST REPORT

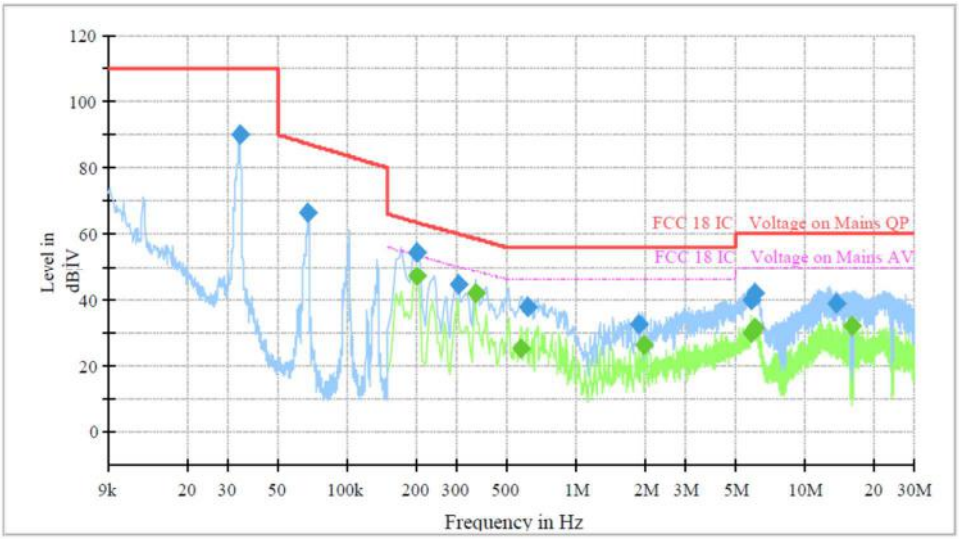
Model GK-IF307204BFF
2# heating zone
Tested Wire: Live **Operation Mode: Heating(max power)**



Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.033800	89.76	---	110.00	20.24	1000.0	0.200	L1	OFF	9.6
0.199500	---	40.55	53.63	13.08	1000.0	9.000	L1	OFF	9.6
0.204000	47.47	---	63.45	15.98	1000.0	9.000	L1	OFF	9.6
0.366000	---	37.78	48.59	10.82	1000.0	9.000	L1	OFF	9.6
0.366000	42.11	---	58.59	16.48	1000.0	9.000	L1	OFF	9.6
0.577500	35.49	---	56.00	20.51	1000.0	9.000	L1	OFF	9.6
0.672000	---	25.83	46.00	20.17	1000.0	9.000	L1	OFF	9.7
1.999500	---	24.39	46.00	21.61	1000.0	9.000	L1	OFF	9.7
4.794000	---	26.98	46.00	19.02	1000.0	9.000	L1	OFF	9.8
5.874000	42.51	---	60.00	17.49	1000.0	9.000	L1	OFF	9.8
6.013500	---	31.28	50.00	18.72	1000.0	9.000	L1	OFF	9.8
6.045000	42.16	---	60.00	17.84	1000.0	9.000	L1	OFF	9.8
15.940500	---	28.00	50.00	22.00	1000.0	9.000	L1	OFF	10.3
17.358000	37.62	---	60.00	22.38	1000.0	9.000	L1	OFF	10.2

TEST REPORT

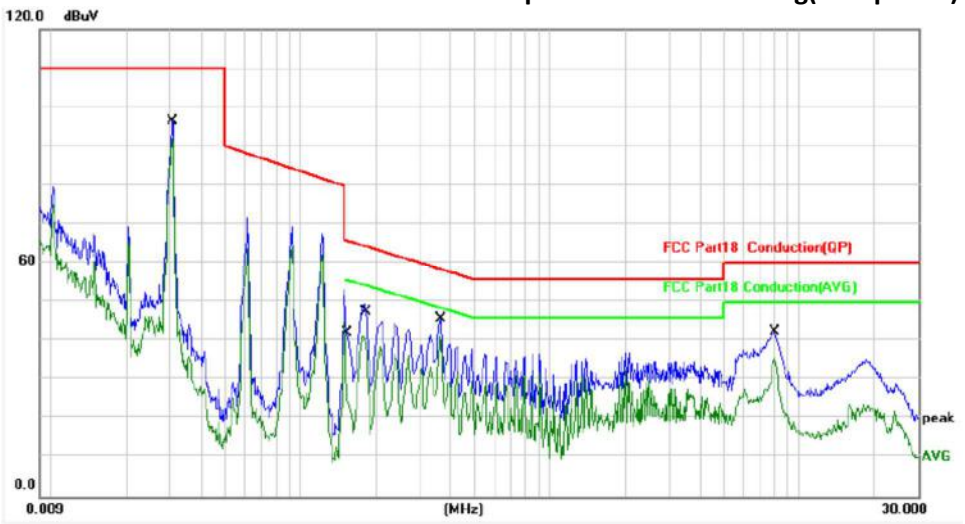
Tested Wire: Neutral **Operation Mode: Heating(max power)**



Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.033600	89.86	---	110.00	20.14	1000.0	0.200	N	OFF	9.7
0.067400	66.46	---	87.28	20.83	1000.0	0.200	N	OFF	9.6
0.199500	---	47.14	53.63	6.49	1000.0	9.000	N	OFF	9.6
0.199500	54.39	---	63.63	9.24	1000.0	9.000	N	OFF	9.6
0.307500	44.64	---	60.04	15.40	1000.0	9.000	N	OFF	9.6
0.361500	---	42.12	48.69	6.57	1000.0	9.000	N	OFF	9.6
0.573000	---	25.12	46.00	20.88	1000.0	9.000	N	OFF	9.7
0.609000	37.87	---	56.00	18.13	1000.0	9.000	N	OFF	9.7
1.869000	32.45	---	56.00	23.55	1000.0	9.000	N	OFF	9.7
1.990500	---	26.42	46.00	19.58	1000.0	9.000	N	OFF	9.7
5.802000	39.86	---	60.00	20.14	1000.0	9.000	N	OFF	9.8
5.842500	---	30.07	50.00	19.93	1000.0	9.000	N	OFF	9.8
6.004500	---	31.56	50.00	18.44	1000.0	9.000	N	OFF	9.9
6.004500	41.88	---	60.00	18.12	1000.0	9.000	N	OFF	9.9
13.632000	38.67	---	60.00	21.33	1000.0	9.000	N	OFF	10.2
15.945000	---	32.16	50.00	17.84	1000.0	9.000	N	OFF	10.3

TEST REPORT

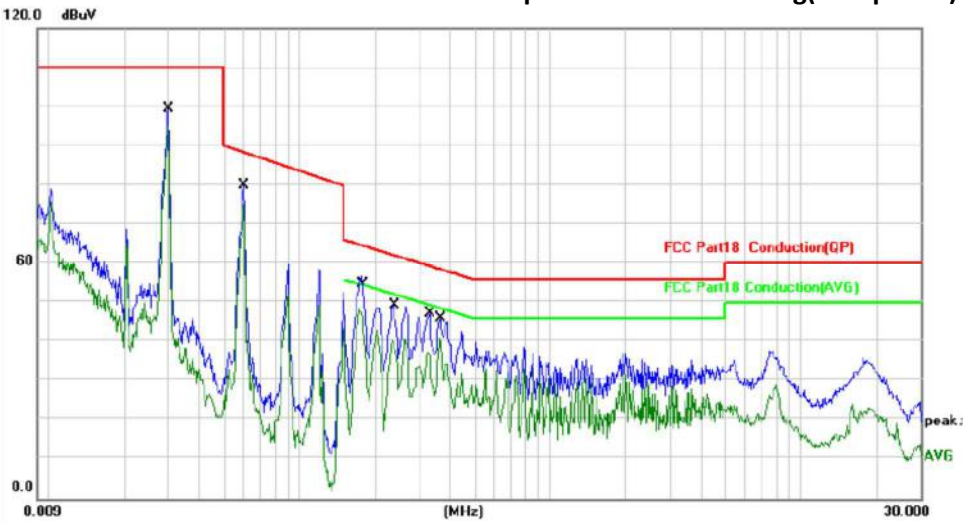
Model GK-IV36X209BFF
1# heating zone
Tested Wire: Live **Operation Mode: Heating(max power)**



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.0308	9.75	83.89	93.64	110.00	-16.36	QP	P
2	0.1555	9.80	42.30	52.10	65.70	-13.60	QP	P
3	0.1555	9.80	31.24	41.04	55.70	-14.66	AVG	P
4	0.1845	9.82	39.13	48.95	64.28	-15.33	QP	P
5	0.1845	9.82	32.15	41.97	54.28	-12.31	AVG	P
6	0.3683	9.94	34.51	44.45	58.54	-14.09	QP	P
7	0.3683	9.94	31.50	41.44	48.54	-7.10	AVG	P
8	8.0431	10.28	29.50	39.78	60.00	-20.22	QP	P
9	8.0431	10.28	26.05	36.33	50.00	-13.67	AVG	P

TEST REPORT

Tested Wire: Neutral **Operation Mode: Heating(max power)**

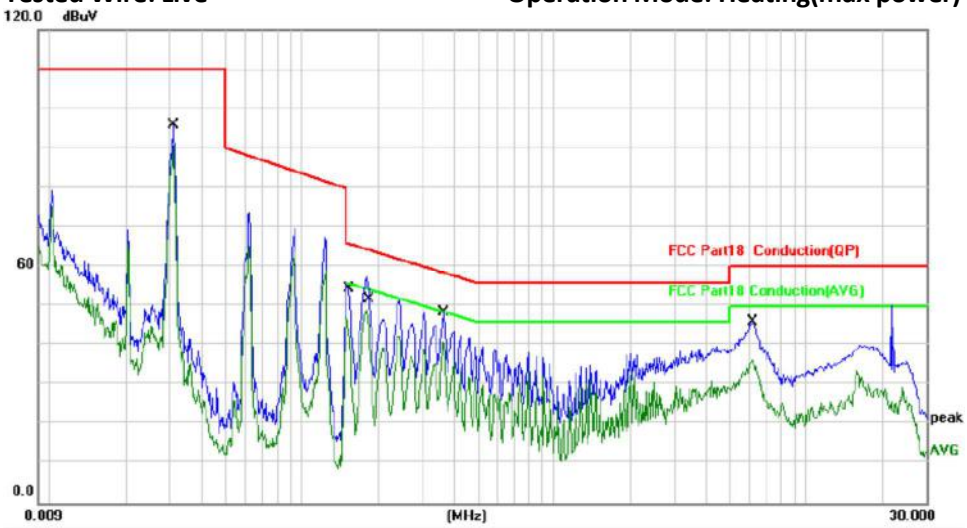


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.0301	9.75	87.65	97.40	110.00	-12.60	QP	P
2	0.0602	9.75	65.25	75.00	88.31	-13.31	QP	P
3	0.1801	9.82	45.50	55.32	64.48	-9.16	QP	P
4	0.1801	9.82	39.65	49.47	54.48	-5.01	AVG	P
5	0.2413	9.86	39.32	49.18	62.05	-12.87	QP	P
6	0.2413	9.86	32.18	42.04	52.05	-10.01	AVG	P
7	0.3347	9.92	36.67	46.59	59.33	-12.74	QP	P
8	0.3347	9.92	27.79	37.71	49.33	-11.62	AVG	P
9	0.3684	9.94	35.41	45.35	58.54	-13.19	QP	P
10	0.3684	9.94	31.61	41.55	48.54	-6.99	AVG	P

TEST REPORT

2# heating zone

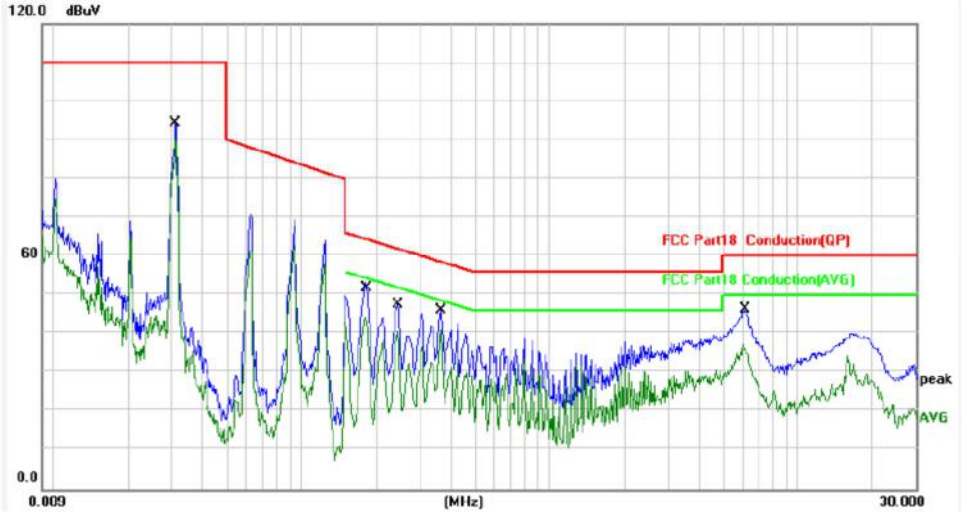
Tested Wire: Live **Operation Mode: Heating(max power)**



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.0312	9.75	82.71	92.46	110.00	-17.54	QP	P
2	0.1564	9.80	45.91	55.71	65.65	-9.94	QP	P
3	0.1564	9.80	37.71	47.51	55.65	-8.14	AVG	P
4	0.1870	9.82	46.35	56.17	64.17	-8.00	QP	P
5	0.1870	9.82	39.35	49.17	54.17	-5.00	AVG	P
6	0.3684	9.94	35.89	45.83	58.54	-12.71	QP	P
7	0.3684	9.94	31.81	41.75	48.54	-6.79	AVG	P
8	6.1531	10.26	33.95	44.21	60.00	-15.79	QP	P
9	6.1531	10.26	24.11	34.37	50.00	-15.63	AVG	P

TEST REPORT

Tested Wire: Neutral **Operation Mode: Heating(max power)**

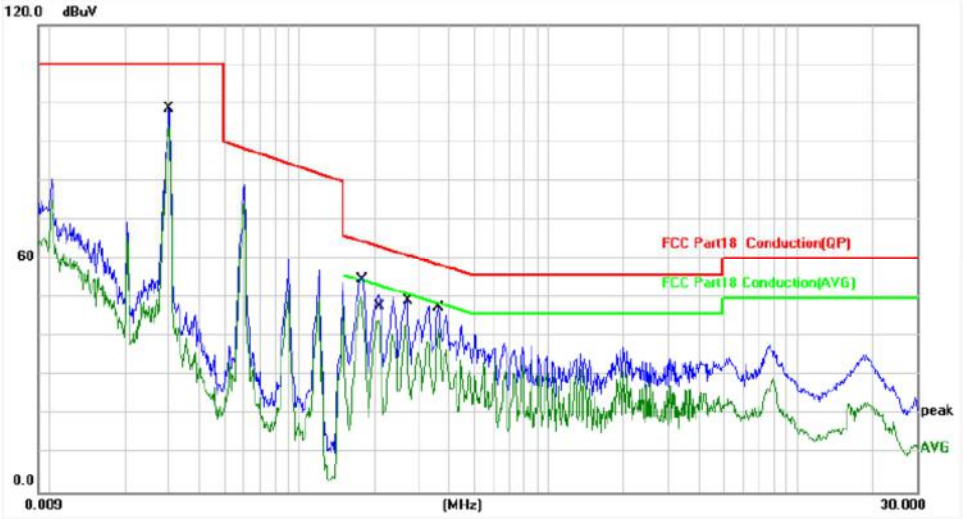


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.0313	9.75	79.12	88.87	110.00	-21.13	QP	P
2	0.1845	9.82	41.00	50.82	64.28	-13.46	QP	P
3	0.1845	9.82	34.55	44.37	54.28	-9.91	AVG	P
4	0.2477	9.86	37.14	47.00	61.83	-14.83	QP	P
5	0.2477	9.86	30.66	40.52	51.83	-11.31	AVG	P
6	0.3691	9.94	35.21	45.15	58.52	-13.37	QP	P
7	0.3691	9.94	31.70	41.64	48.52	-6.88	AVG	P
8	6.1396	10.26	32.97	43.23	60.00	-16.77	QP	P
9	6.1396	10.26	23.67	33.93	50.00	-16.07	AVG	P

TEST REPORT

3# heating zone

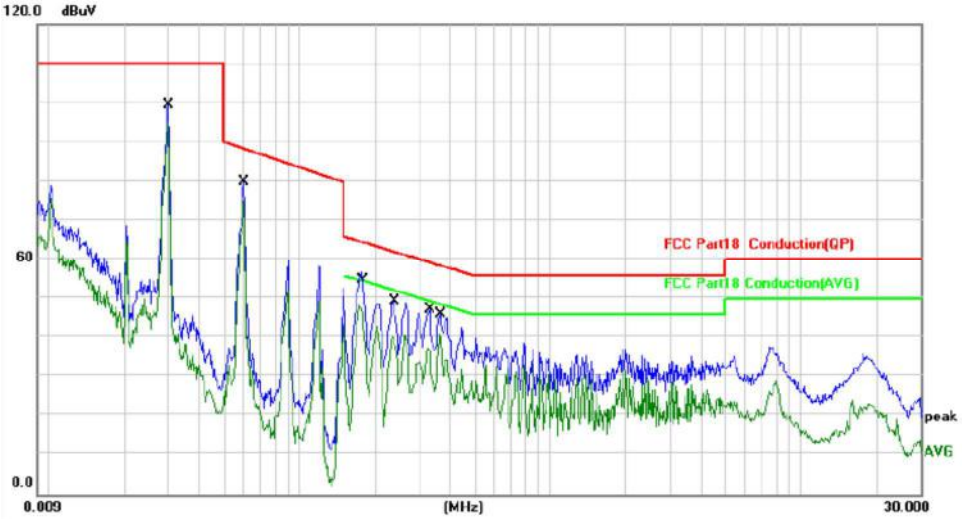
Tested Wire: Live **Operation Mode: Heating(max power)**



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.0302	9.75	86.53	96.28	110.00	-13.72	QP	P
2	0.1819	9.82	45.99	55.81	64.40	-8.59	QP	P
3	0.1819	9.82	39.33	49.15	54.40	-5.25	AVG	P
4	0.2139	9.84	39.81	49.65	63.05	-13.40	QP	P
5	0.2139	9.84	31.90	41.74	53.05	-11.31	AVG	P
6	0.2716	9.88	38.21	48.09	61.07	-12.98	QP	P
7	0.2716	9.88	31.88	41.76	51.07	-9.31	AVG	P
8	0.3616	9.93	30.43	40.36	58.69	-18.33	QP	P
9	0.3616	9.93	25.92	35.85	48.69	-12.84	AVG	P

TEST REPORT

Tested Wire: Neutral **Operation Mode: Heating(max power)**

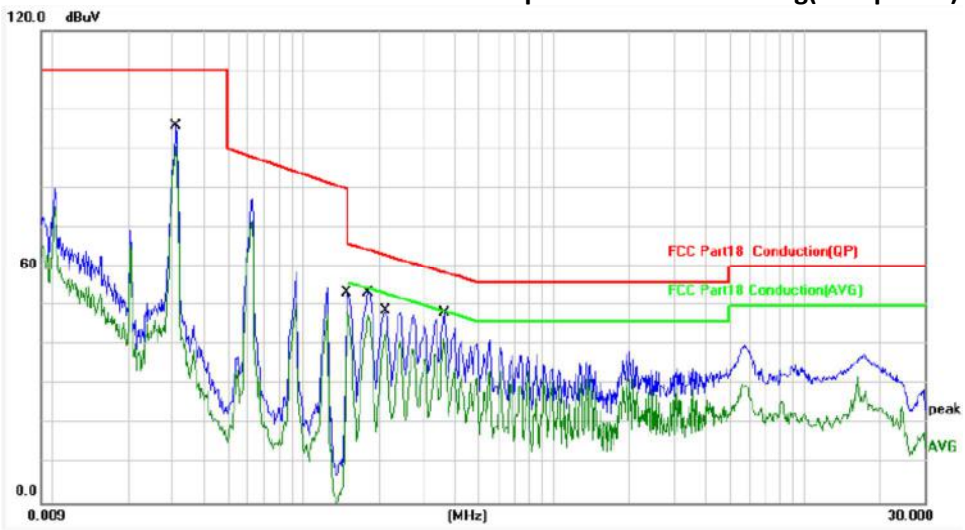


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.0301	9.75	87.65	97.40	110.00	-12.60	QP	P
2	0.0602	9.75	65.25	75.00	88.31	-13.31	QP	P
3	0.1801	9.82	45.50	55.32	64.48	-9.16	QP	P
4	0.1801	9.82	39.65	49.47	54.48	-5.01	AVG	P
5	0.2413	9.86	39.32	49.18	62.05	-12.87	QP	P
6	0.2413	9.86	32.18	42.04	52.05	-10.01	AVG	P
7	0.3347	9.92	36.67	46.59	59.33	-12.74	QP	P
8	0.3347	9.92	27.79	37.71	49.33	-11.62	AVG	P
9	0.3684	9.94	35.41	45.35	58.54	-13.19	QP	P
10	0.3684	9.94	31.61	41.55	48.54	-6.99	AVG	P

TEST REPORT

4# heating zone

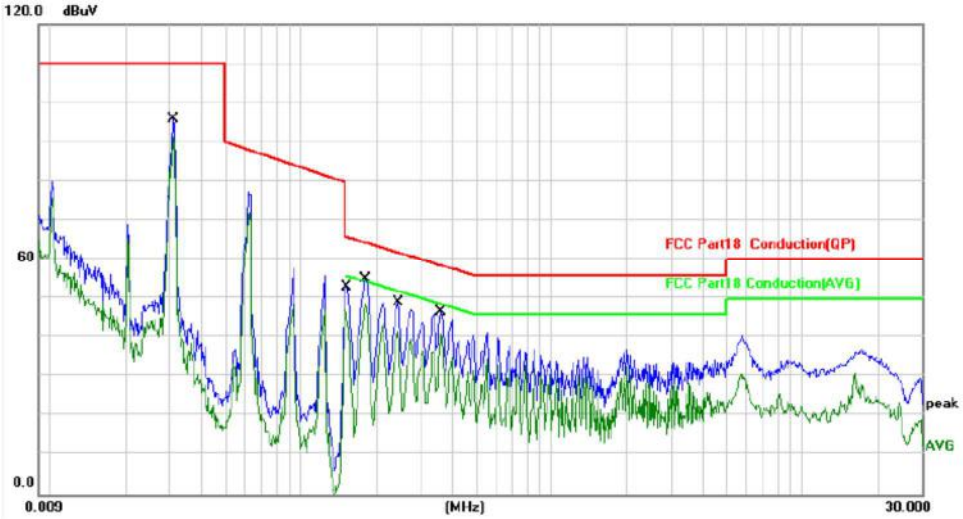
Tested Wire: Live **Operation Mode: Heating(max power)**



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.0311	9.75	82.96	92.71	110.00	-17.29	QP	P
2	0.1500	9.79	42.71	52.50	66.00	-13.50	QP	P
3	0.1500	9.79	37.31	47.10	56.00	-8.90	AVG	P
4	0.1815	9.82	43.58	53.40	64.42	-11.02	QP	P
5	0.1815	9.82	37.58	47.40	54.42	-7.02	AVG	P
6	0.2130	9.84	38.36	48.20	63.09	-14.89	QP	P
7	0.2130	9.84	32.36	42.20	53.09	-10.89	AVG	P
8	0.3660	9.94	35.26	45.20	58.59	-13.39	QP	P
9	0.3660	9.94	31.06	41.00	48.59	-7.59	AVG	P

TEST REPORT

Tested Wire: Neutral **Operation Mode: Heating(max power)**

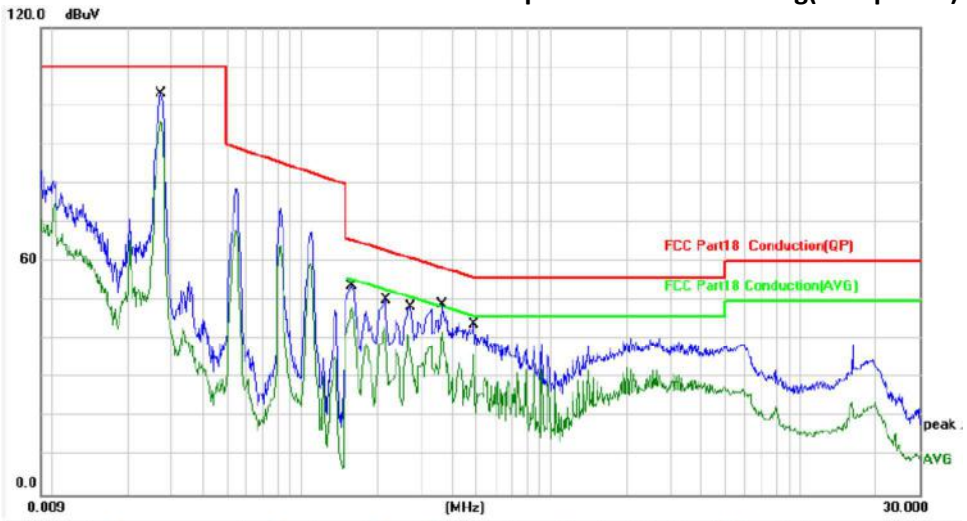


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.0313	9.75	83.54	93.29	110.00	-16.71	QP	P
2	0.1549	9.80	42.92	52.72	65.73	-13.01	QP	P
3	0.1549	9.80	36.98	46.78	55.73	-8.95	AVG	P
4	0.1816	9.82	44.18	54.00	64.41	-10.41	QP	P
5	0.1816	9.82	37.28	47.10	54.41	-7.31	AVG	P
6	0.2446	9.86	36.74	46.60	61.94	-15.34	QP	P
7	0.2446	9.86	30.64	40.50	51.94	-11.44	AVG	P
8	0.3616	9.93	35.37	45.30	58.69	-13.39	QP	P
9	0.3616	9.93	31.67	41.60	48.69	-7.09	AVG	P

TEST REPORT

5# heating zone(middle heating zone)

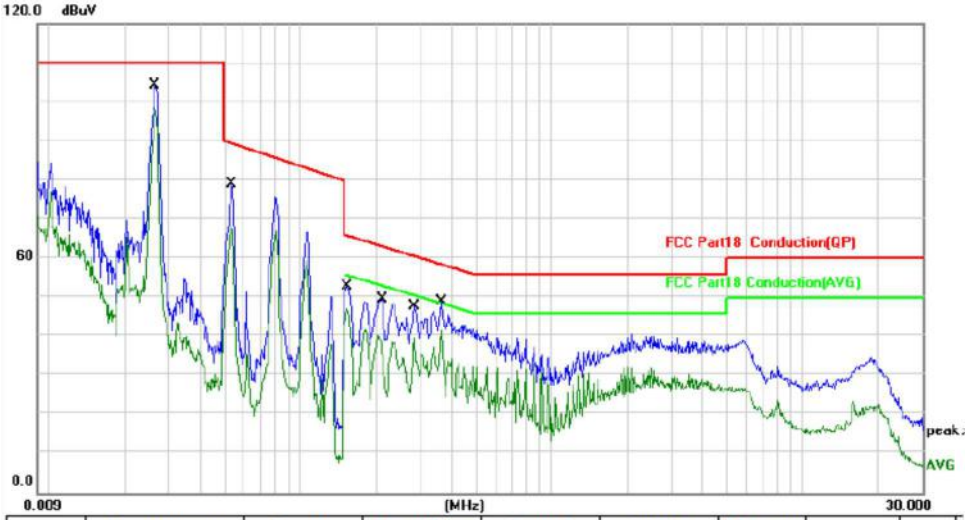
Tested Wire: Live **Operation Mode: Heating(max power)**



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.0273	9.75	88.85	98.60	110.00	-11.40	QP	P
2	0.1590	9.80	42.90	52.70	65.52	-12.82	QP	P
3	0.1590	9.80	37.20	47.00	55.52	-8.52	AVG	P
4	0.2176	9.84	39.26	49.10	62.91	-13.81	QP	P
5	0.2176	9.84	32.36	42.20	52.91	-10.71	AVG	P
6	0.2716	9.88	37.22	47.10	61.07	-13.97	QP	P
7	0.2716	9.88	29.72	39.60	51.07	-11.47	AVG	P
8	0.3661	9.94	36.56	46.50	58.59	-12.09	QP	P
9	0.3661	9.94	32.26	42.20	48.59	-6.39	AVG	P
10	0.4921	10.01	30.69	40.70	56.13	-15.43	QP	P
11	0.4921	10.01	24.09	34.10	46.13	-12.03	AVG	P

TEST REPORT

Tested Wire: Neutral **Operation Mode: Heating(max power)**

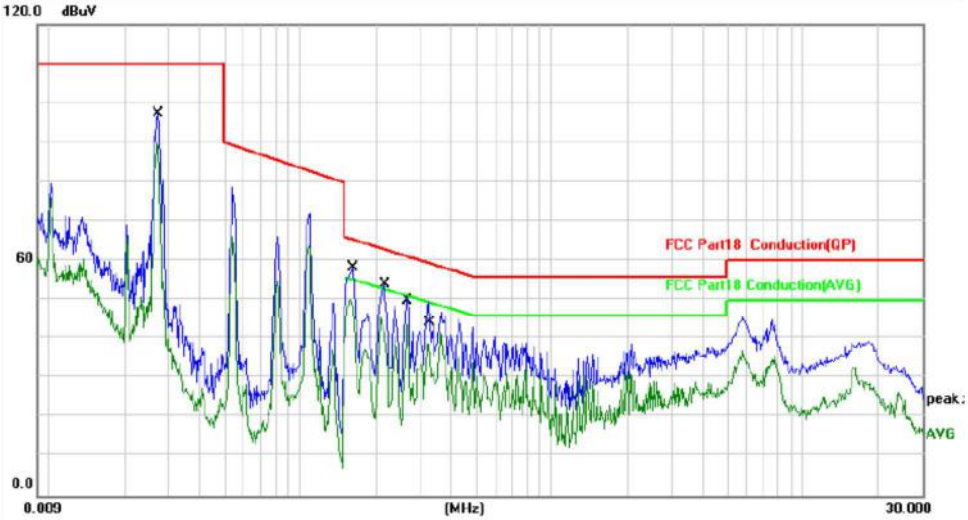


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.0265	9.75	90.76	100.51	110.00	-9.49	QP	P
2	0.0536	9.75	62.53	72.28	89.37	-17.09	QP	P
3	0.1546	9.80	42.30	52.10	65.75	-13.65	QP	P
4	0.1546	9.80	36.40	46.20	55.75	-9.55	AVG	P
5	0.2131	9.84	37.16	47.00	63.08	-16.08	QP	P
6	0.2131	9.84	30.36	40.20	53.08	-12.88	AVG	P
7	0.2850	9.89	30.31	40.20	60.67	-20.47	QP	P
8	0.2850	9.89	26.71	36.60	50.67	-14.07	AVG	P
9	0.3661	9.94	36.56	46.50	58.59	-12.09	QP	P
10	0.3661	9.94	32.76	42.70	48.59	-5.89	AVG	P

TEST REPORT

6# heating zone(Flexible Area)

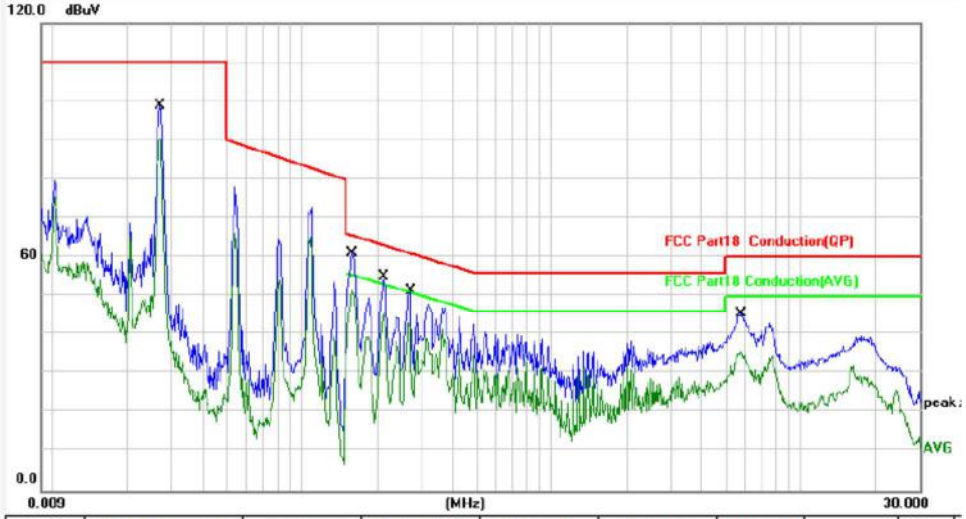
Tested Wire: Live **Operation Mode: Heating(max power)**



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.0274	9.75	82.20	91.95	110.00	-18.05	QP	P
2	0.1617	9.80	50.20	60.00	65.38	-5.38	QP	P
3	0.1617	9.80	42.31	52.11	55.38	-3.27	AVG	P
4	0.2176	9.84	43.26	53.10	62.91	-9.81	QP	P
5	0.2176	9.84	35.36	45.20	52.91	-7.71	AVG	P
6	0.2705	9.88	39.12	49.00	61.10	-12.10	QP	P
7	0.2705	9.88	32.35	42.23	51.10	-8.87	AVG	P
8	0.3301	9.92	37.33	47.25	59.45	-12.20	QP	P
9	0.3301	9.92	28.05	37.97	49.45	-11.48	AVG	P

TEST REPORT

Tested Wire: Neutral **Operation Mode: Heating(max power)**

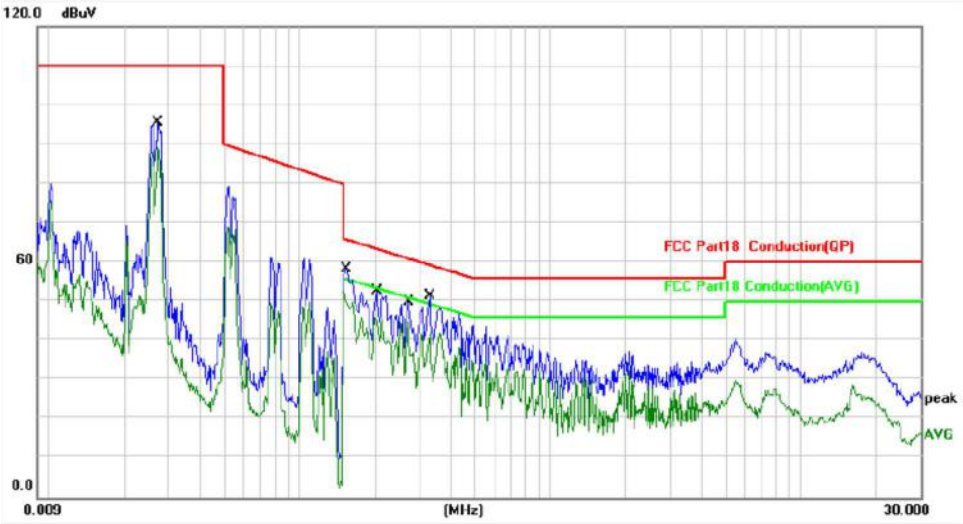


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.0270	9.75	82.55	92.30	110.00	-17.70	QP	P
2	0.1590	9.80	49.40	59.20	65.52	-6.32	QP	P
3	0.1590	9.80	40.70	50.50	55.52	-5.02	AVG	P
4	0.2131	9.84	43.86	53.70	63.08	-9.38	QP	P
5	0.2131	9.84	36.26	46.10	53.08	-6.98	AVG	P
6	0.2716	9.88	40.12	50.00	61.07	-11.07	QP	P
7	0.2716	9.88	31.32	41.20	51.07	-9.87	AVG	P
8	5.8201	10.26	32.34	42.60	60.00	-17.40	QP	P
9	5.8201	10.26	23.74	34.00	50.00	-16.00	AVG	P

TEST REPORT

7# heating zone(Flexible Area)

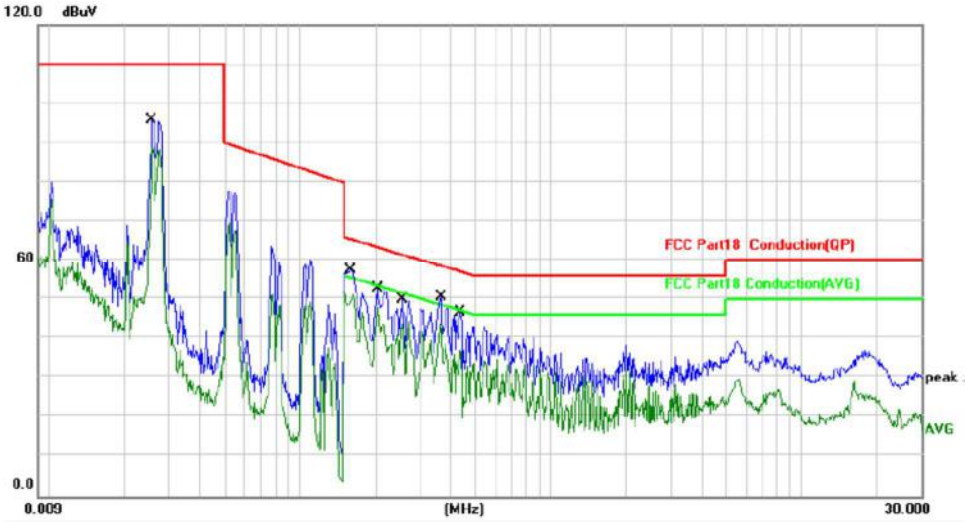
Tested Wire: Live **Operation Mode: Heating(max power)**



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.0275	9.75	81.35	91.10	110.00	-18.90	QP	P
2	0.1546	9.80	46.60	56.40	65.75	-9.35	QP	P
3	0.1546	9.80	42.00	51.80	55.75	-3.95	AVG	P
4	0.2041	9.83	41.67	51.50	63.44	-11.94	QP	P
5	0.2041	9.83	37.67	47.50	53.44	-5.94	AVG	P
6	0.2716	9.88	37.62	47.50	61.07	-13.57	QP	P
7	0.2716	9.88	32.32	42.20	51.07	-8.87	AVG	P
8	0.3301	9.92	37.78	47.70	59.45	-11.75	QP	P
9	0.3301	9.92	29.78	39.70	49.45	-9.75	AVG	P

TEST REPORT

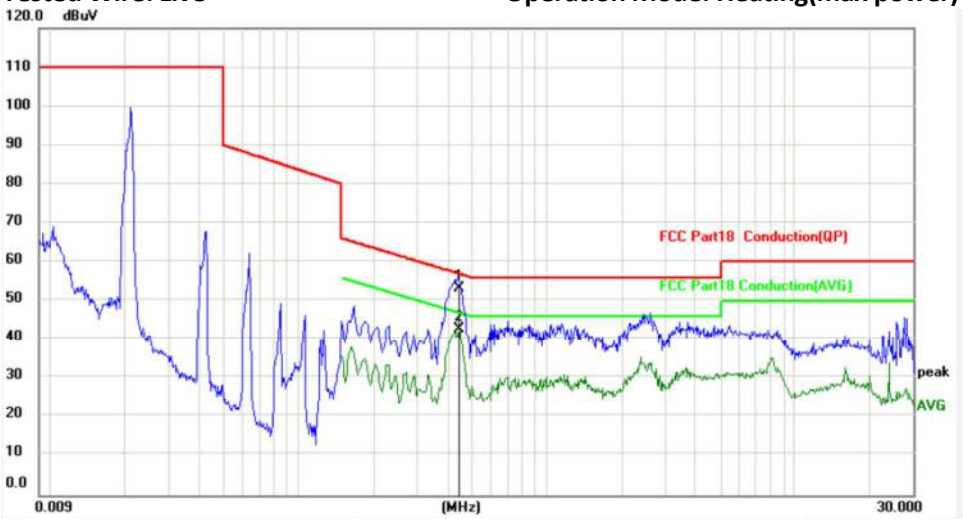
Tested Wire: Neutral **Operation Mode: Heating(max power)**



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.0258	9.75	80.35	90.10	110.00	-19.90	QP	P
2	0.1590	9.80	46.60	56.40	65.52	-9.12	QP	P
3	0.1590	9.80	42.00	51.80	55.52	-3.72	AVG	P
4	0.2041	9.83	41.87	51.70	63.44	-11.74	QP	P
5	0.2041	9.83	36.57	46.40	53.44	-7.04	AVG	P
6	0.2581	9.87	39.13	49.00	61.49	-12.49	QP	P
7	0.2581	9.87	32.93	42.80	51.49	-8.69	AVG	P
8	0.3661	9.94	38.26	48.20	58.59	-10.39	QP	P
9	0.3661	9.94	32.96	42.90	48.59	-5.69	AVG	P
10	0.4381	9.98	34.52	44.50	57.10	-12.60	QP	P
11	0.4381	9.98	25.82	35.80	47.10	-11.30	AVG	P

TEST REPORT

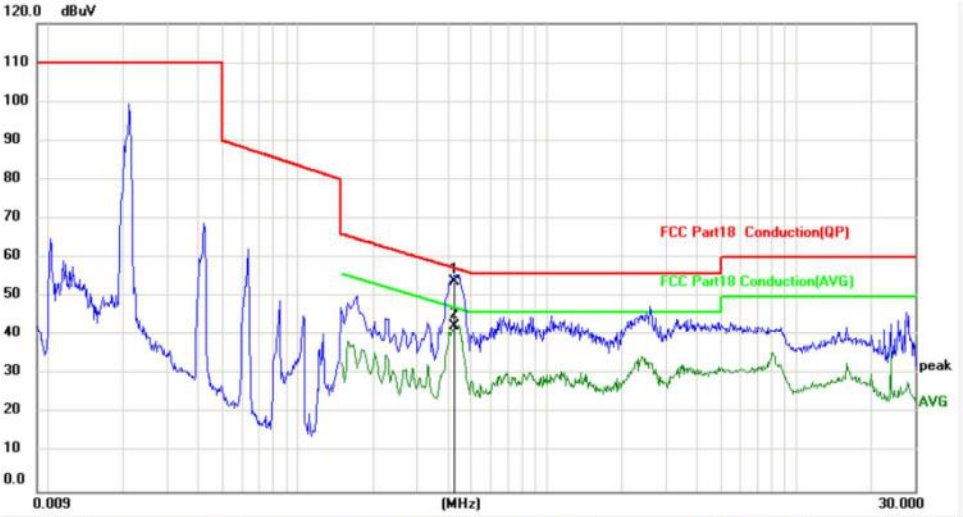
Model GK-ID121804-P
1# heating zone
Tested Wire: Live **Operation Mode: Heating(max power)**



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.4426	10.18	43.11	53.29	57.01	-3.72	QP	P
2	0.4426	10.18	32.60	42.78	47.01	-4.23	AVG	P

TEST REPORT

Tested Wire: Neutral **Operation Mode: Heating(max power)**

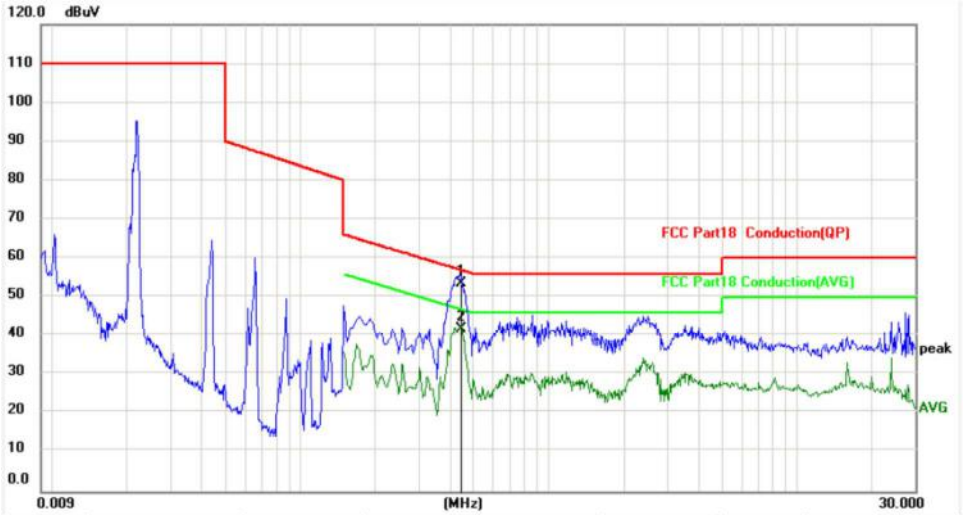


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.4246	10.18	43.63	53.81	57.36	-3.55	QP	P
2	0.4246	10.18	32.30	42.48	47.36	-4.88	AVG	P

TEST REPORT

2# heating zone

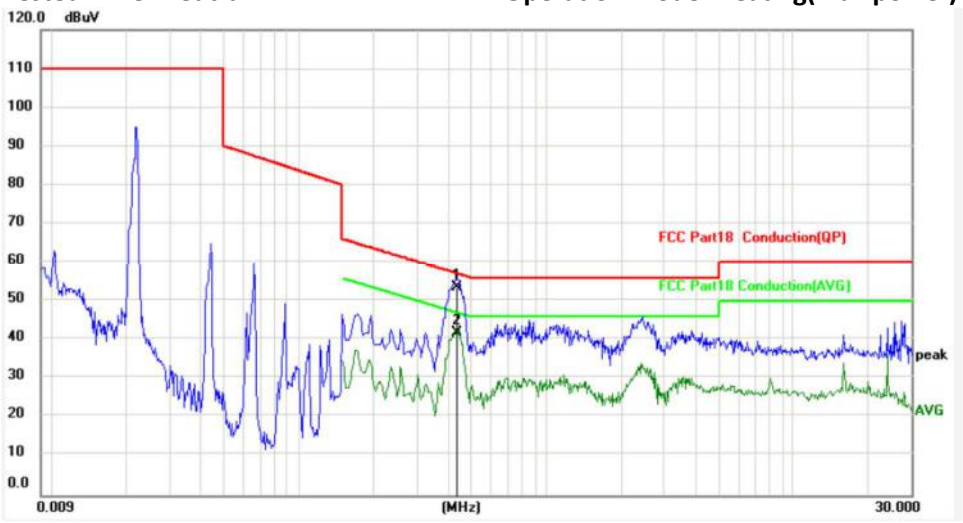
Tested Wire: Live **Operation Mode: Heating(max power)**



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.4426	10.18	43.34	53.52	57.01	-3.49	QP	P
2	0.4426	10.18	31.72	41.90	47.01	-5.11	AVG	P

TEST REPORT

Tested Wire: Neutral **Operation Mode: Heating(max power)**

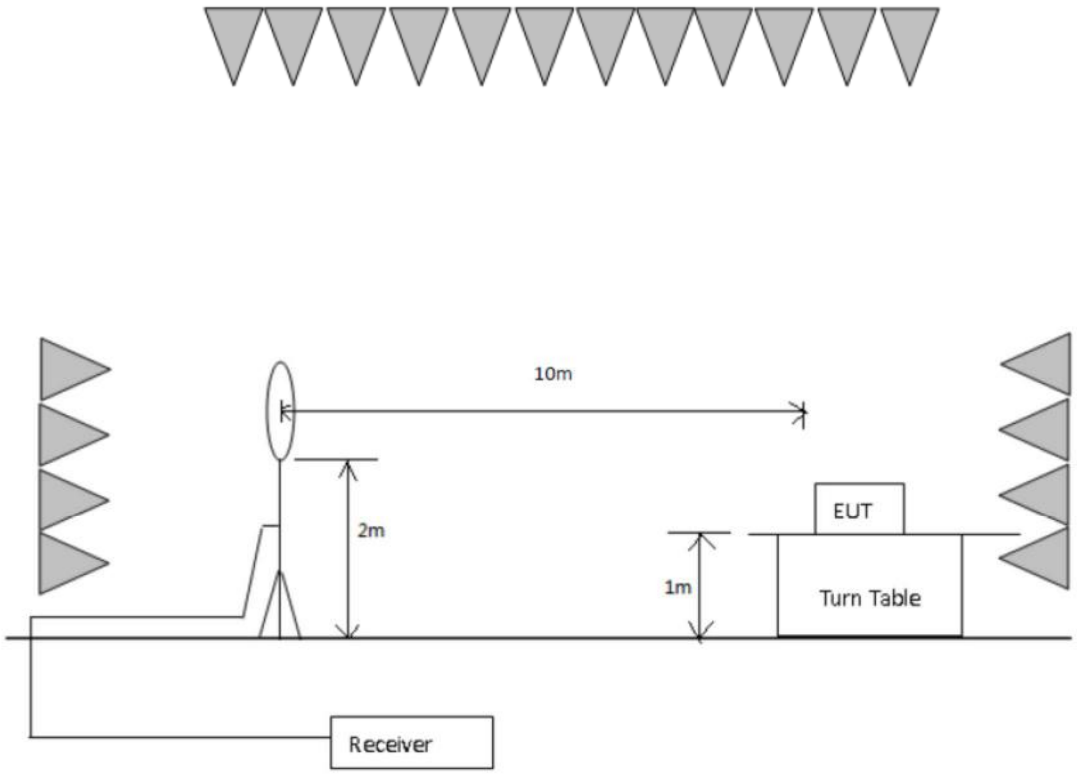


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.4381	10.18	43.25	53.43	57.10	-3.67	QP	P
2	0.4381	10.18	31.66	41.84	47.10	-5.26	AVG	P

6.2 FCC part 18 Radiated Emission 9 kHz to 30 MHz

Test Result: PASS

6.2.1 Block Diagram of Test Setup



6.2.2 Test Setup and Procedure

The measurement was applied in a semi-anechoic chamber. The EUT were placed on a 1 m high foam table above the horizontal metal ground plane. The turn table rotated 360 degrees to determine the position of the maximum emission level. The EUT was set 10 meters away from the receiving antenna which was mounted on an antenna tripod.

Loop antenna was used as receiving antenna. The antenna was supported in the vertical plane and was rotatable about a vertical axis to obtain the maximum emission. The antenna height of was set at 2 m above ground level.

The bandwidth setting on Receiver was 9 kHz. The frequency range from 9 kHz to 30MHz was checked.

TEST REPORT

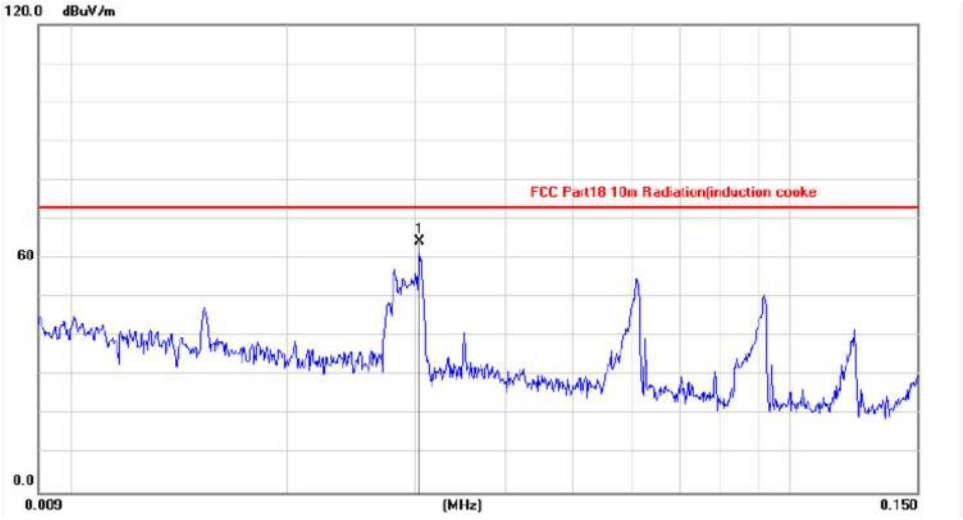
6.2.3 Limit

Frequency range (MHz)	Field strength at 30 meters (µV/m)	Field strength at 10 meters (dBµV/m)	Field strength at 3 meters (dBµV/m)
0.009-30	1500	73.1	83.5
Note: Test limit is calculated and base on equipment type and operating frequency. Detector: Peak for pre-scan, Average for the final result			

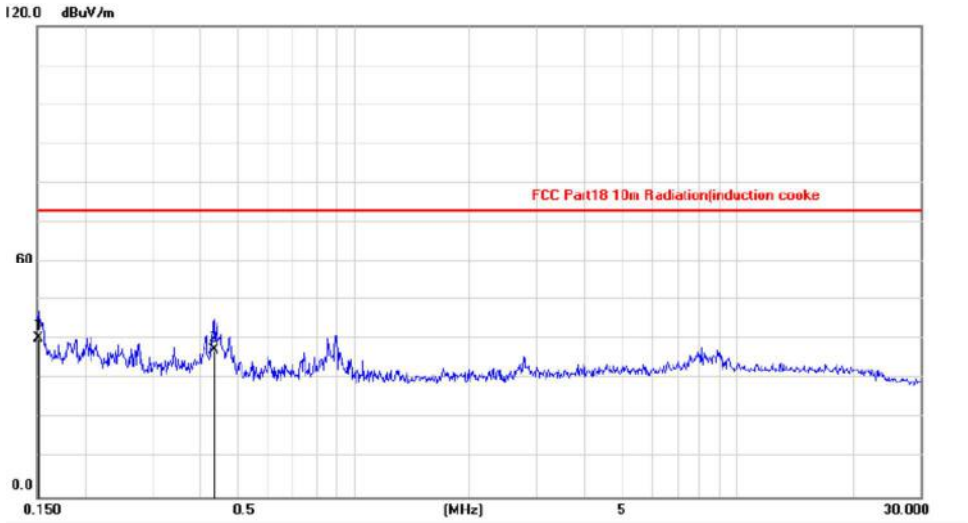
TEST REPORT

6.2.4 Test Data and Curve

Operation Mode: heating(max power)
Model GK-ID123602B
1# heating zone
Horizontal



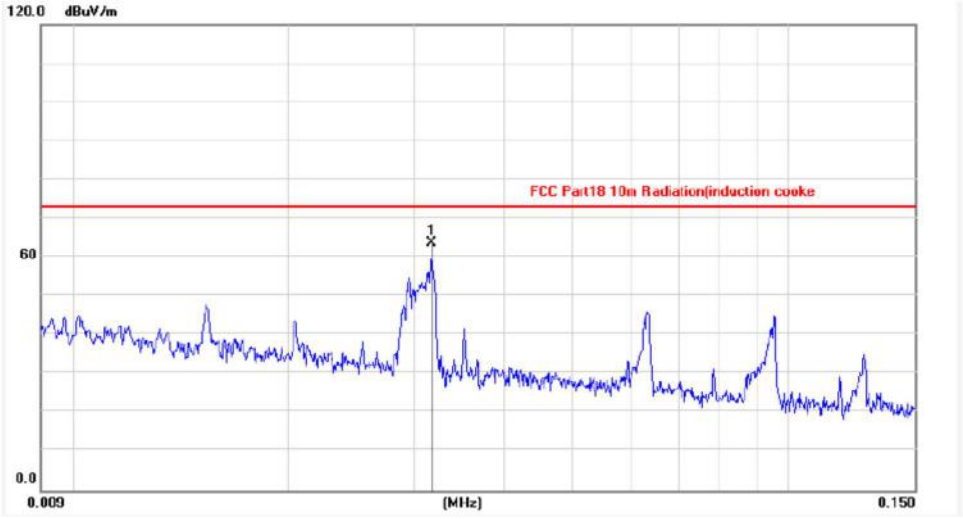
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F
1	0.0305	19.59	44.91	64.50	73.10	-8.60	AVG			P



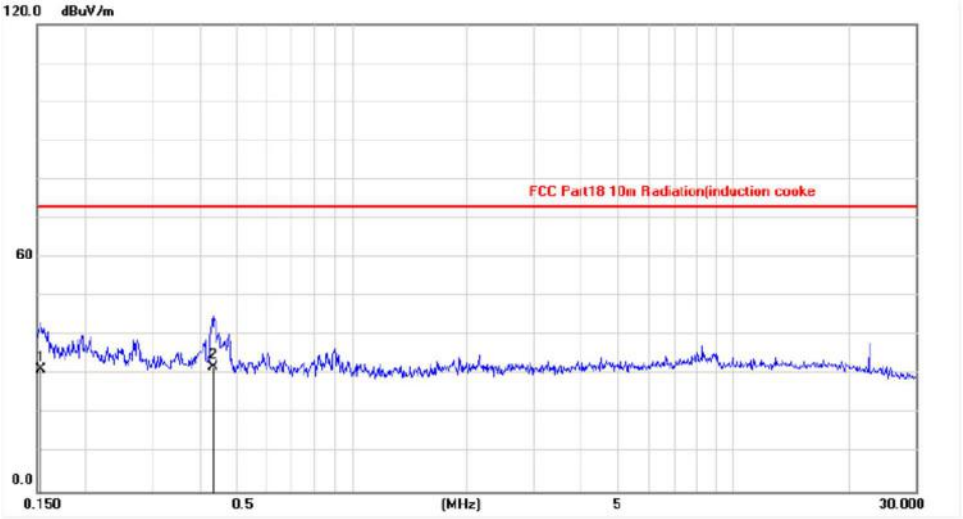
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F
1	0.1516	19.68	20.72	40.40	73.10	-32.70	AVG			P
2	0.4328	19.86	17.64	37.50	73.10	-35.60	AVG			P

TEST REPORT

Vertical



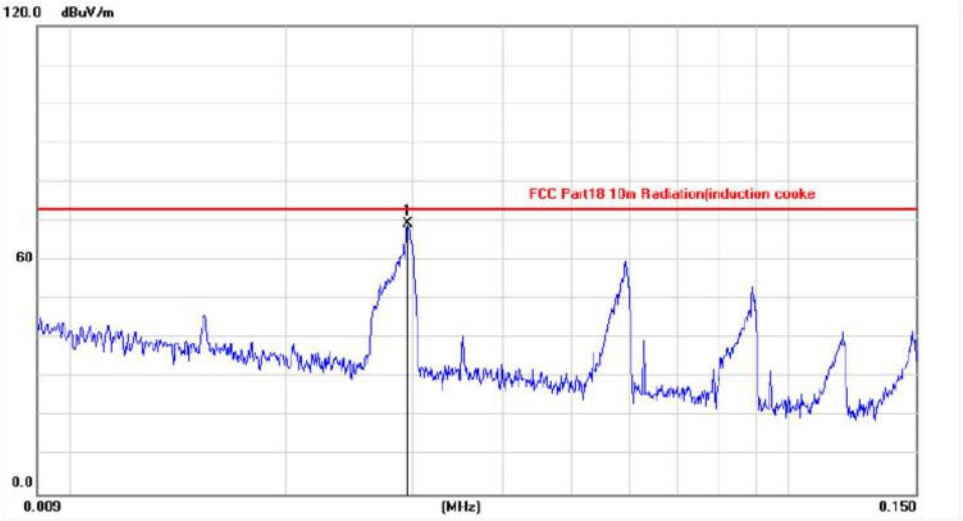
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F
1	0.0317	19.59	44.31	63.90	73.10	-9.20	AVG			P



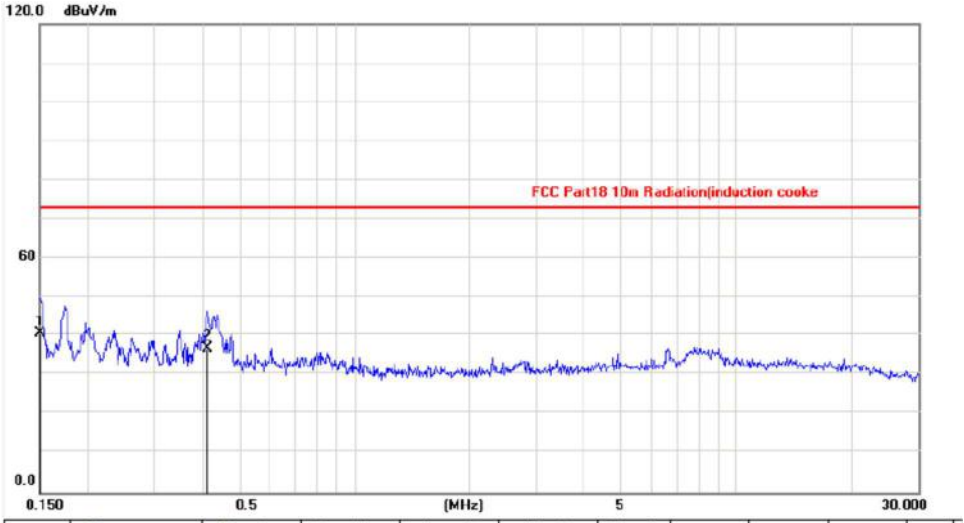
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F
1	0.1539	19.68	11.72	31.40	73.10	-41.70	AVG			P
2	0.4351	19.86	12.14	32.00	73.10	-41.10	AVG			P

TEST REPORT

2# heating zone
Horizontal



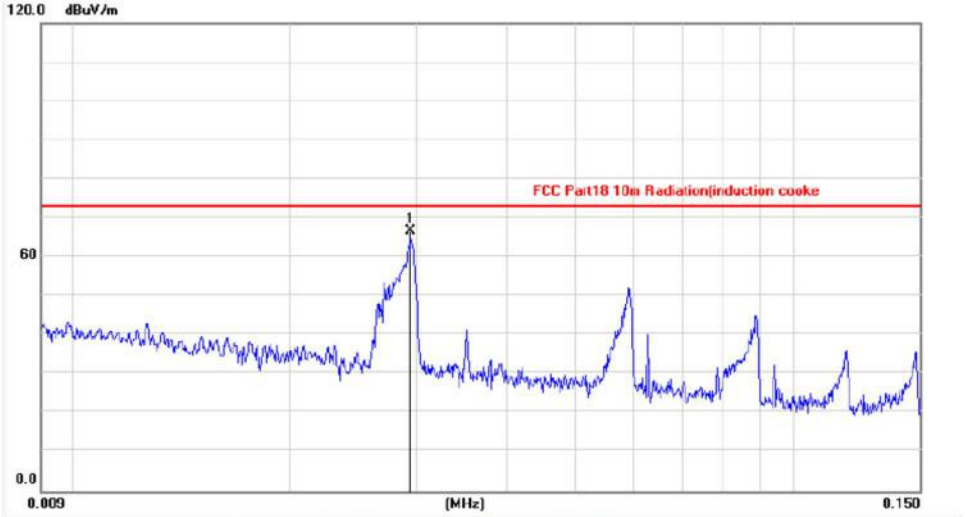
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F
1	0.0295	19.58	50.02	69.60	73.10	-3.50	AVG			P



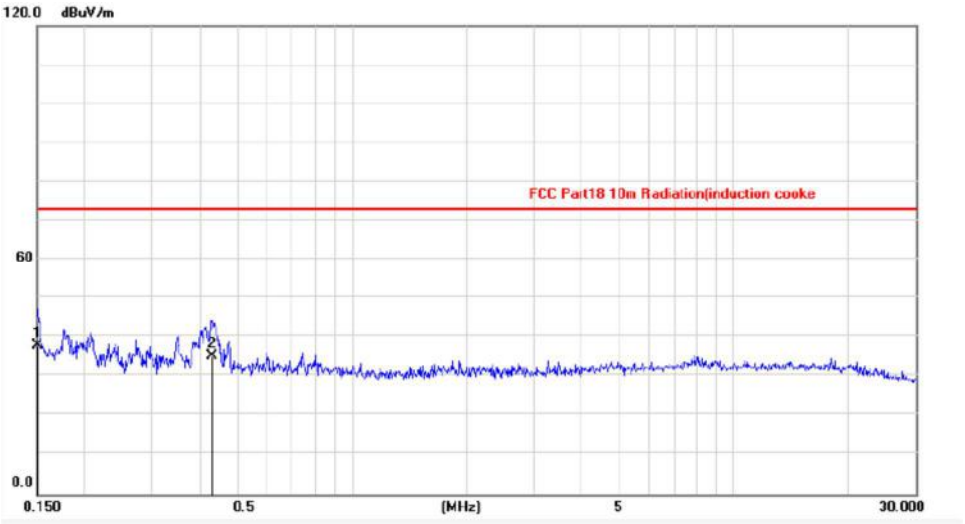
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F
1	0.1508	19.68	21.12	40.80	73.10	-32.30	AVG			P
2	0.4127	19.85	16.75	36.60	73.10	-36.50	AVG			P

TEST REPORT

Vertical



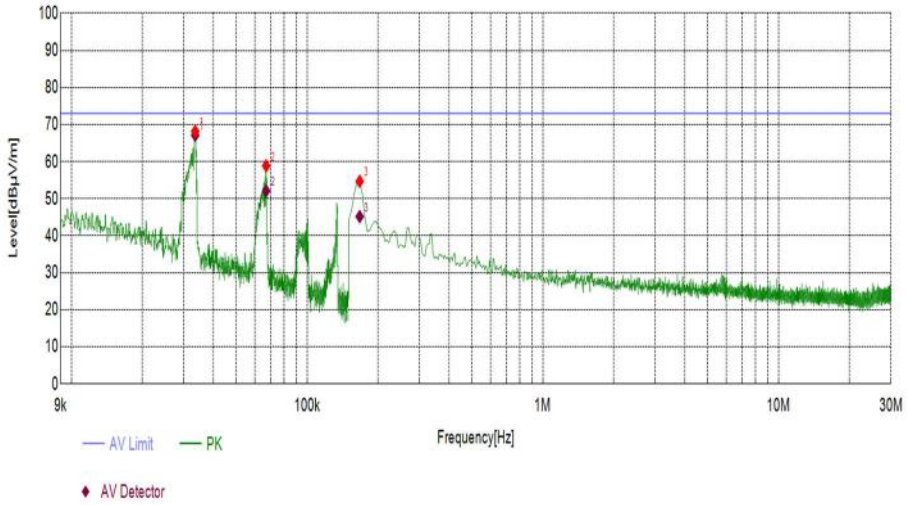
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F
1	0.0294	19.58	47.22	66.80	73.10	-6.30	AVG			P



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F
1	0.1500	19.68	18.41	38.09	73.10	-35.01	AVG			P
2	0.4305	19.86	15.34	35.20	73.10	-37.90	AVG			P

TEST REPORT

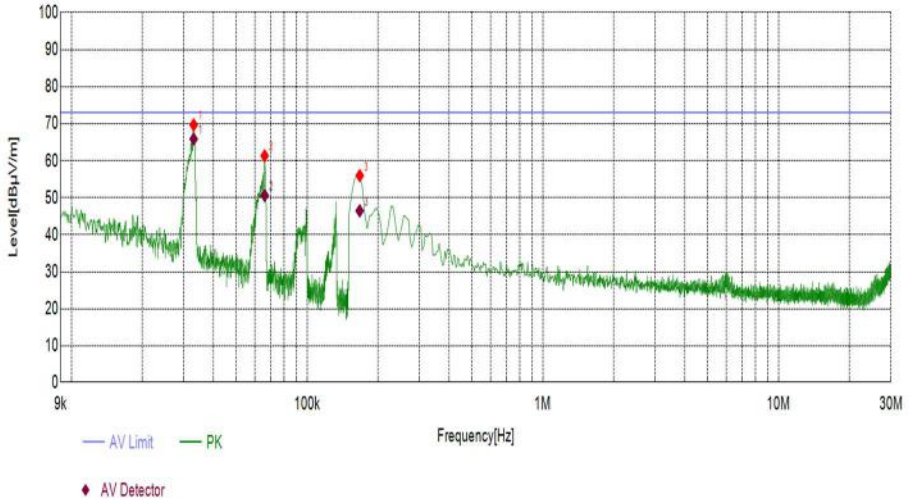
Operation Mode: heating(max power)
Model GK-IF247202B
1# heating zone
Horizontal



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0335	Horizontal	-9.78	67.14	73.06	5.92	200	230	PASS
0.0670	Horizontal	-10.06	52.11	73.06	20.95	200	272	PASS
0.1671	Horizontal	-10.00	45.20	73.06	27.86	200	247	PASS

TEST REPORT

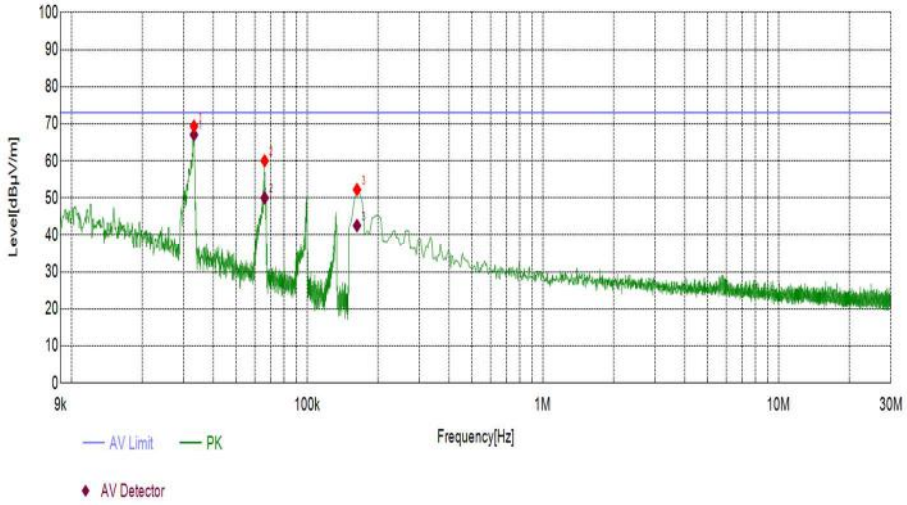
Vertical



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0330	Vertical	-9.79	65.88	73.06	7.18	200	183	PASS
0.0660	Vertical	-10.07	50.65	73.06	22.41	200	195	PASS
0.1671	Vertical	-10.00	46.50	73.06	26.56	200	332	PASS

TEST REPORT

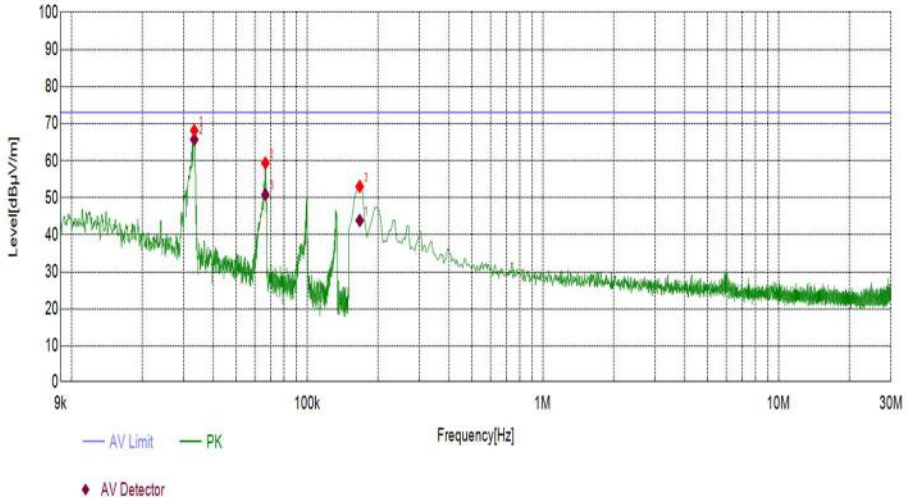
2# heating zone
Horizontal



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0331	Horizontal	-9.79	67.05	73.06	6.01	200	130	PASS
0.0660	Horizontal	-10.07	50.02	73.06	23.04	200	144	PASS
0.1628	Horizontal	-10.01	42.56	73.06	30.50	200	186	PASS

TEST REPORT

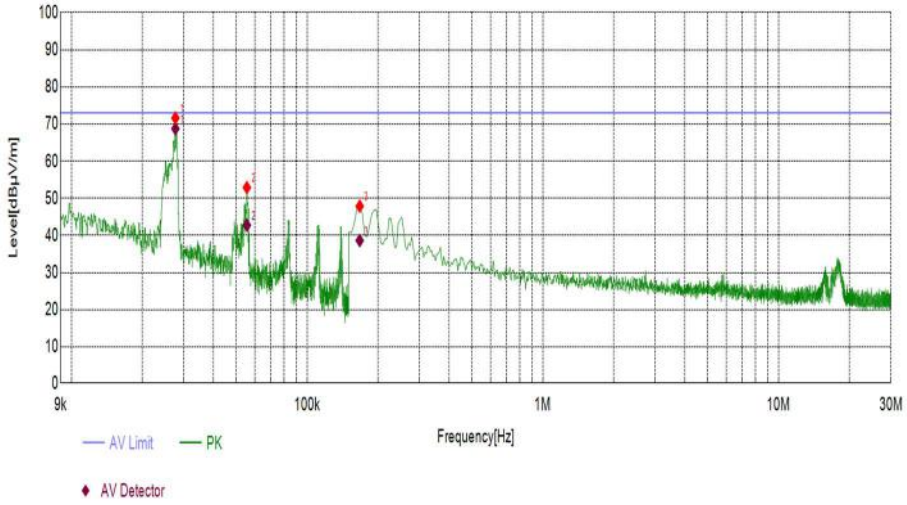
Vertical



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0332	Vertical	-9.79	65.74	73.06	7.32	200	67	PASS
0.0665	Vertical	-10.06	50.85	73.06	22.21	200	55	PASS
0.1671	Vertical	-10.00	43.89	73.06	29.17	200	301	PASS

TEST REPORT

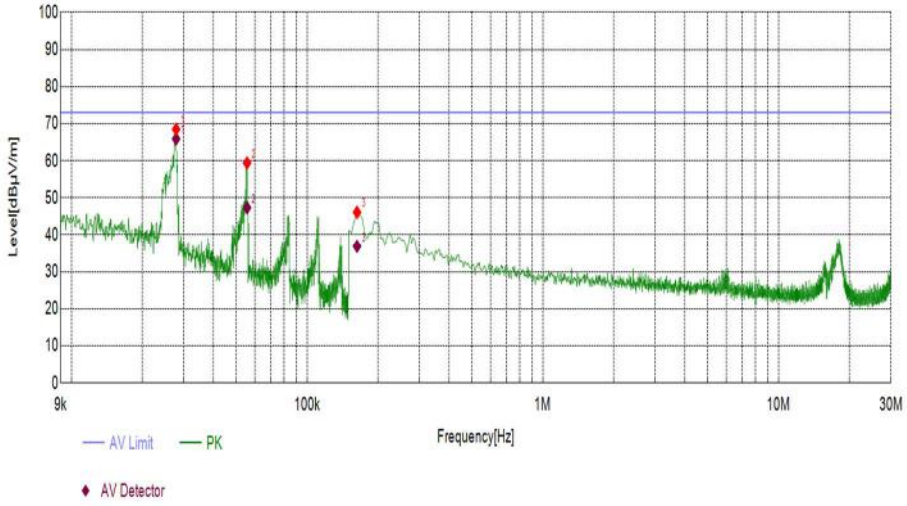
3# heating zone
Horizontal



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0276	Horizontal	-9.68	68.75	73.06	4.31	200	360	PASS
0.0555	Horizontal	-10.08	42.79	73.06	30.27	200	222	PASS
0.1671	Horizontal	-10.00	38.65	73.06	34.41	200	67	PASS

TEST REPORT

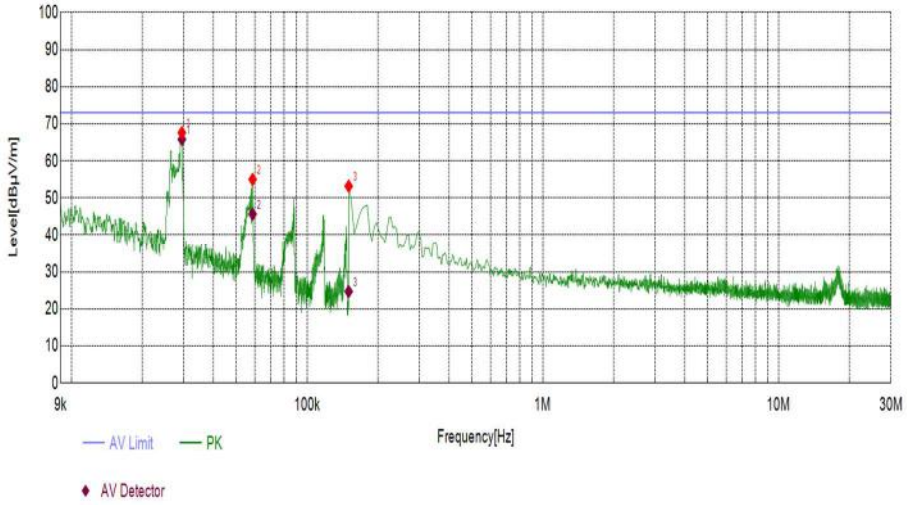
Vertical



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0278	Vertical	-9.69	65.92	73.06	7.14	200	18	PASS
0.0556	Vertical	-10.08	47.35	73.06	25.71	200	166	PASS
0.1628	Vertical	-10.01	36.88	73.06	36.18	200	205	PASS

TEST REPORT

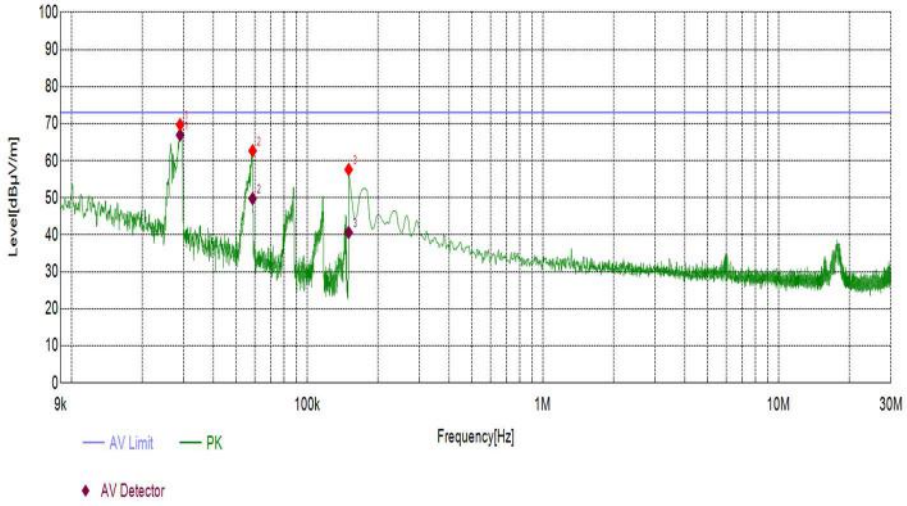
4# heating zone
Horizontal



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0294	Horizontal	-9.74	65.81	73.06	7.25	200	15	PASS
0.0587	Horizontal	-10.12	45.65	73.06	27.41	200	112	PASS
0.1500	Horizontal	-9.99	24.68	73.06	48.38	200	308	PASS

TEST REPORT

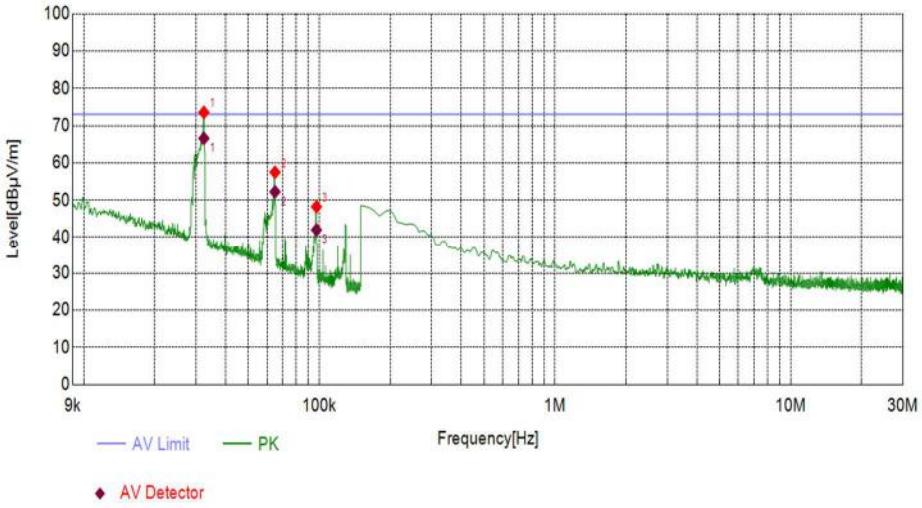
Vertical



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0289	Vertical	-9.73	66.97	73.06	6.09	200	24	PASS
0.0587	Vertical	-10.12	49.82	73.06	23.24	200	29	PASS
0.1500	Vertical	-9.99	40.67	73.06	32.39	200	40	PASS

TEST REPORT

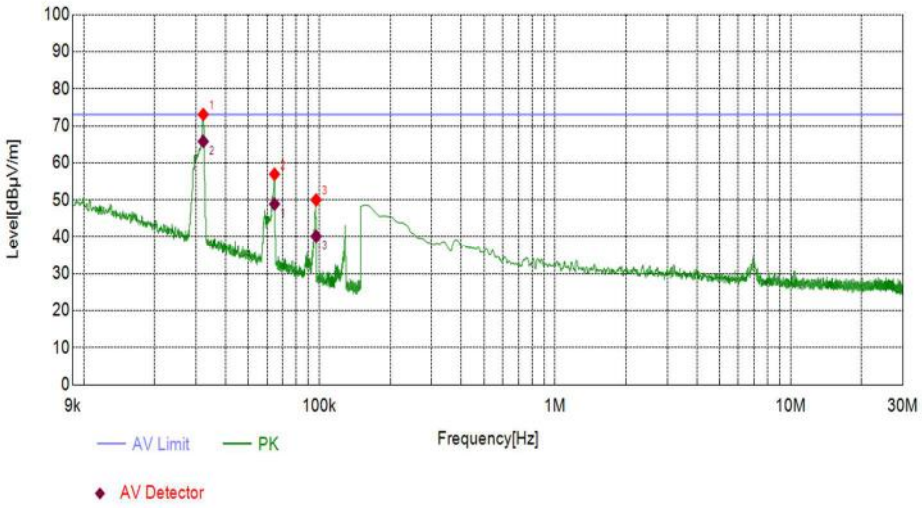
Operation Mode: heating(max power)
Model GK-IV36X209BFF
1# heating zone
Horizontal



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0324	Horizontal	-18.14	66.59	73.06	6.47	100	267	PASS
0.0649	Horizontal	-18.02	52.25	73.06	20.81	100	255	PASS
0.0973	Horizontal	-17.88	42.02	73.06	31.04	100	173	PASS

TEST REPORT

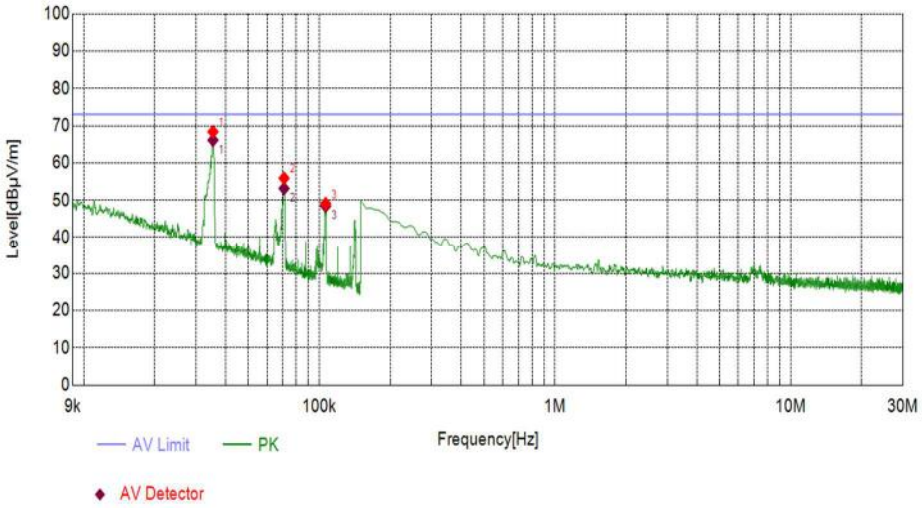
Vertical



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0646	Vertical	-18.02	48.86	73.06	24.20	100	199	PASS
0.0322	Vertical	-18.15	65.77	73.06	7.29	100	212	PASS
0.0970	Vertical	-17.88	40.17	73.06	32.89	100	216	PASS

TEST REPORT

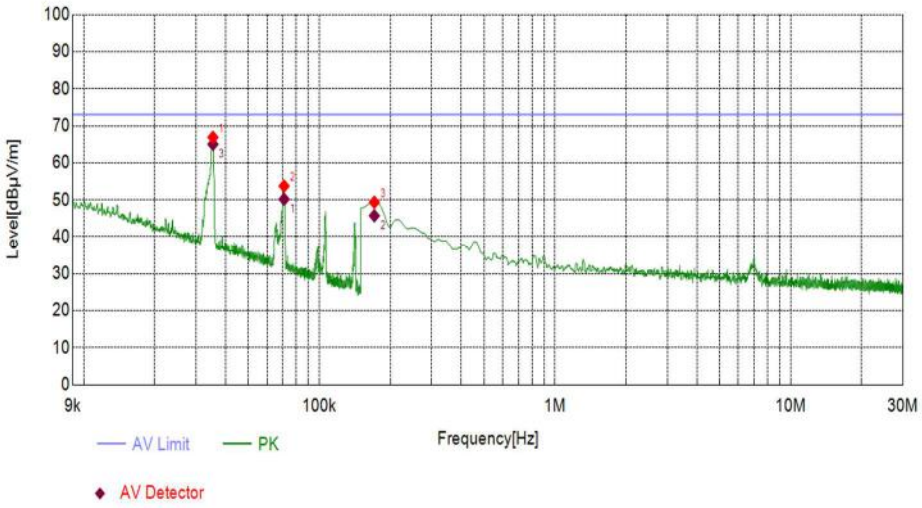
2# heating zone
Horizontal



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0354	Horizontal	-18.09	66.12	73.06	6.94	100	269	PASS
0.0709	Horizontal	-17.94	53.17	73.06	19.89	100	112	PASS
0.1064	Horizontal	-17.88	48.44	73.06	24.62	100	96	PASS

TEST REPORT

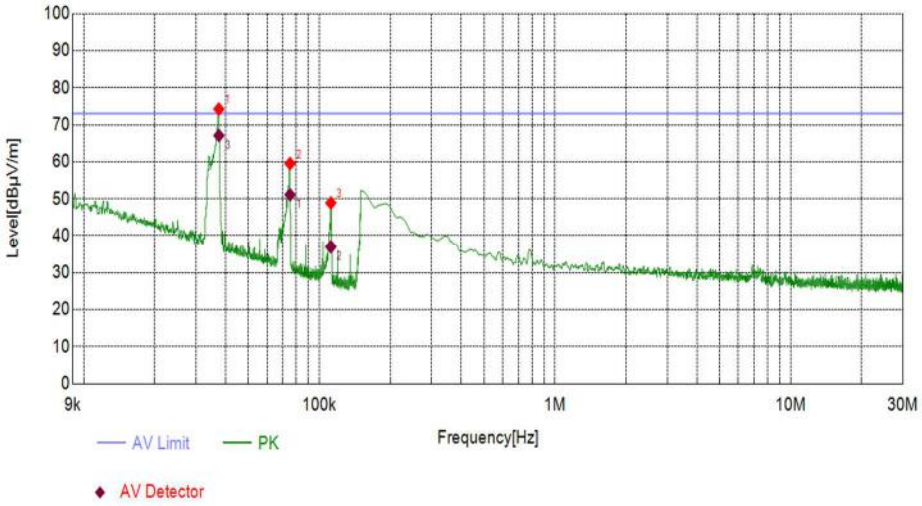
Vertical



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0709	Vertical	-17.94	50.17	73.06	22.89	100	232	PASS
0.1713	Vertical	-17.88	45.72	73.06	27.34	100	238	PASS
0.0354	Vertical	-18.09	65.02	73.06	8.04	100	325	PASS

TEST REPORT

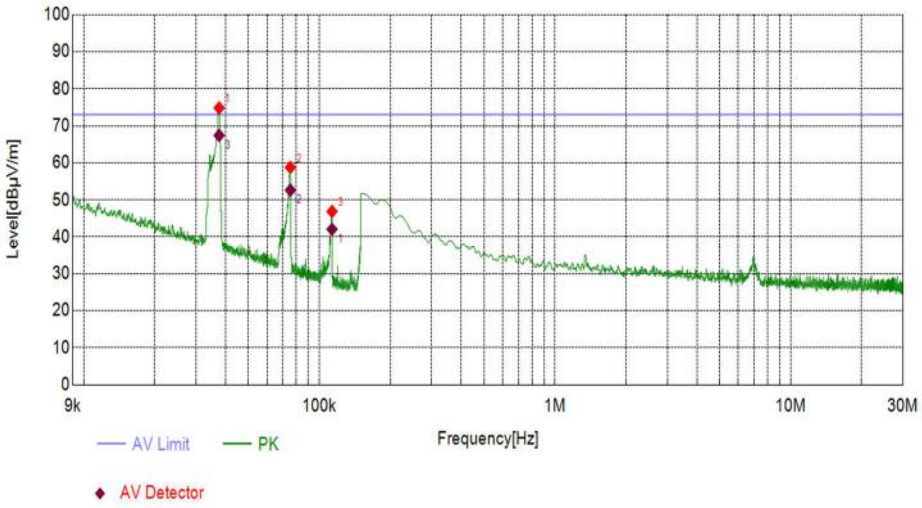
3# heating zone
Horizontal



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0752	Horizontal	-17.93	51.10	73.06	21.96	100	256	PASS
0.1120	Horizontal	-17.88	37.01	73.06	36.05	100	73	PASS
0.0375	Horizontal	-18.05	67.09	73.06	5.97	100	65	PASS

TEST REPORT

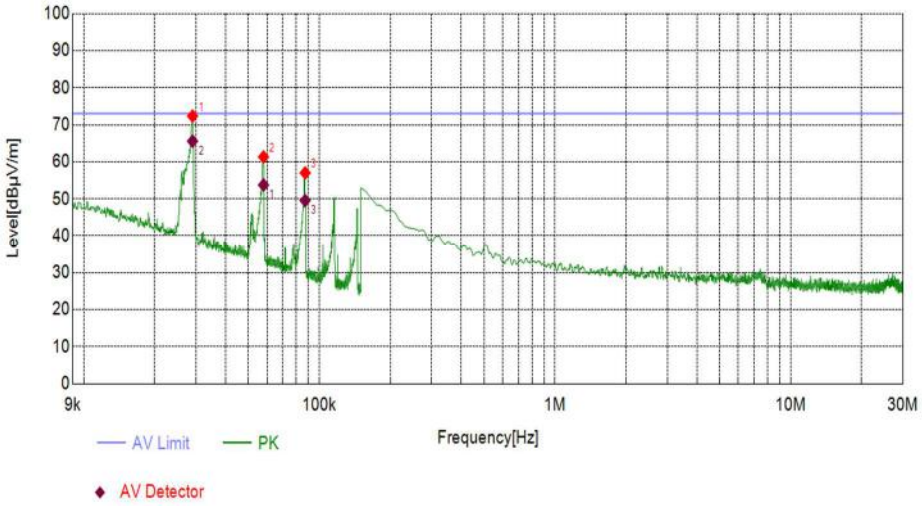
Vertical



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.1133	Vertical	-17.89	42.08	73.06	30.98	100	167	PASS
0.0754	Vertical	-17.93	52.63	73.06	20.43	100	330	PASS
0.0376	Vertical	-18.04	67.40	73.06	5.66	100	334	PASS

TEST REPORT

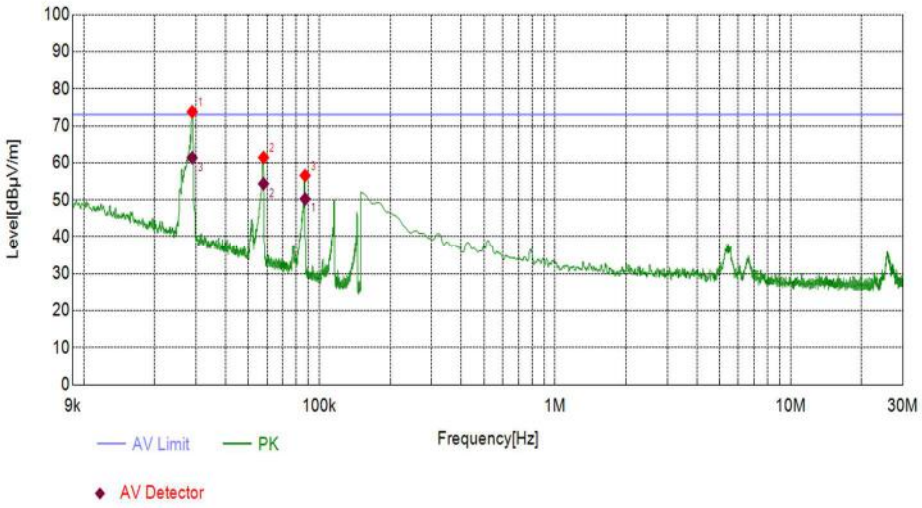
4# heating zone
Horizontal



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0580	Horizontal	-18.07	53.74	73.06	19.32	100	133	PASS
0.0290	Horizontal	-18.16	65.56	73.06	7.50	100	329	PASS
0.0871	Horizontal	-17.91	49.55	73.06	23.51	100	329	PASS

TEST REPORT

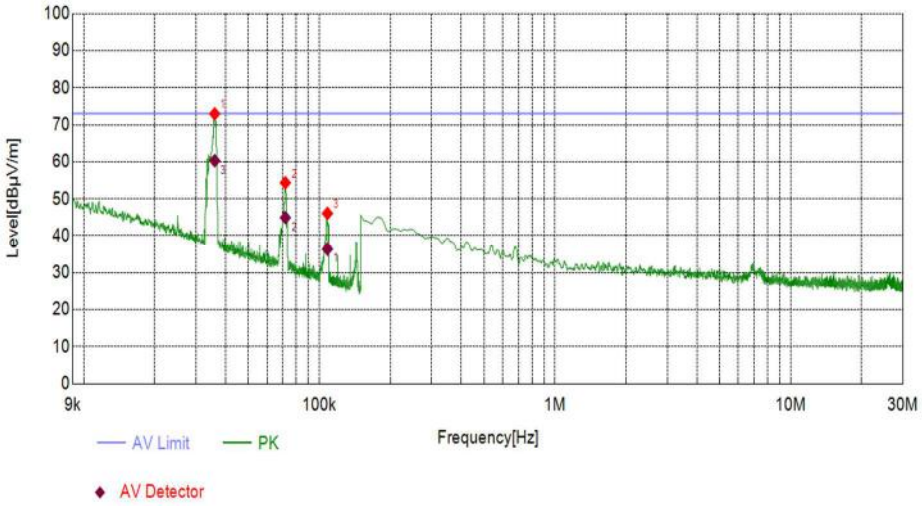
Vertical



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0871	Vertical	-17.91	50.24	73.06	22.82	100	40	PASS
0.0580	Vertical	-18.07	54.34	73.06	18.72	100	32	PASS
0.0289	Vertical	-18.16	61.35	73.06	11.71	100	16	PASS

TEST REPORT

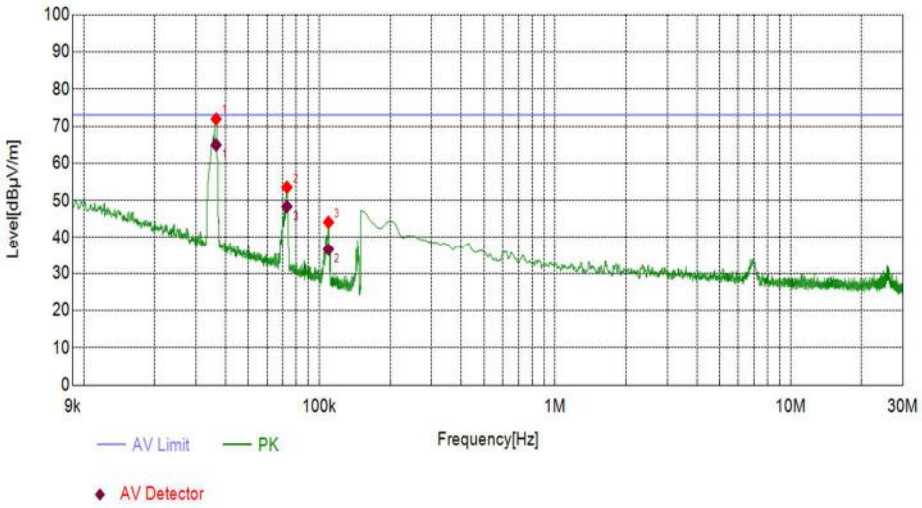
5# heating zone
Horizontal



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.1083	Horizontal	-17.89	36.41	73.06	36.65	100	81	PASS
0.0718	Horizontal	-17.95	44.92	73.06	28.14	100	85	PASS
0.0360	Horizontal	-18.08	60.30	73.06	12.76	100	260	PASS

TEST REPORT

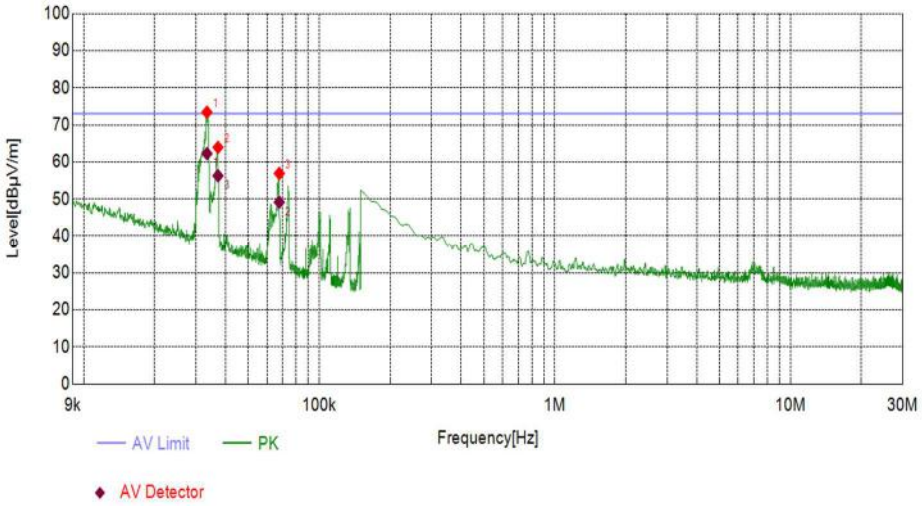
Vertical



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0365	Vertical	-18.06	64.93	73.06	8.13	100	332	PASS
0.1094	Vertical	-17.88	36.53	73.06	36.53	100	22	PASS
0.0729	Vertical	-17.94	48.38	73.06	24.68	100	18	PASS

TEST REPORT

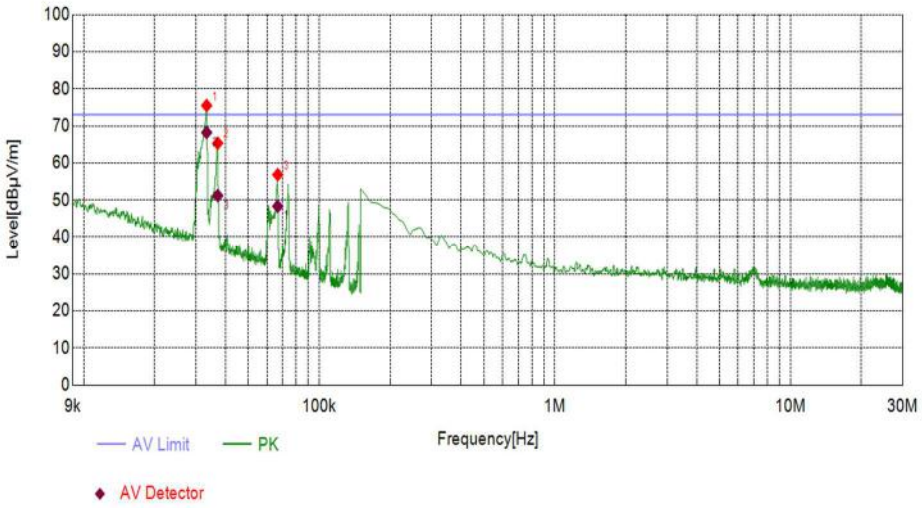
6# heating zone
Horizontal



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0334	Horizontal	-18.13	62.24	73.06	10.82	100	0	PASS
0.0677	Horizontal	-17.98	49.14	73.06	23.92	100	227	PASS
0.0372	Horizontal	-18.06	56.28	73.06	16.78	100	255	PASS

TEST REPORT

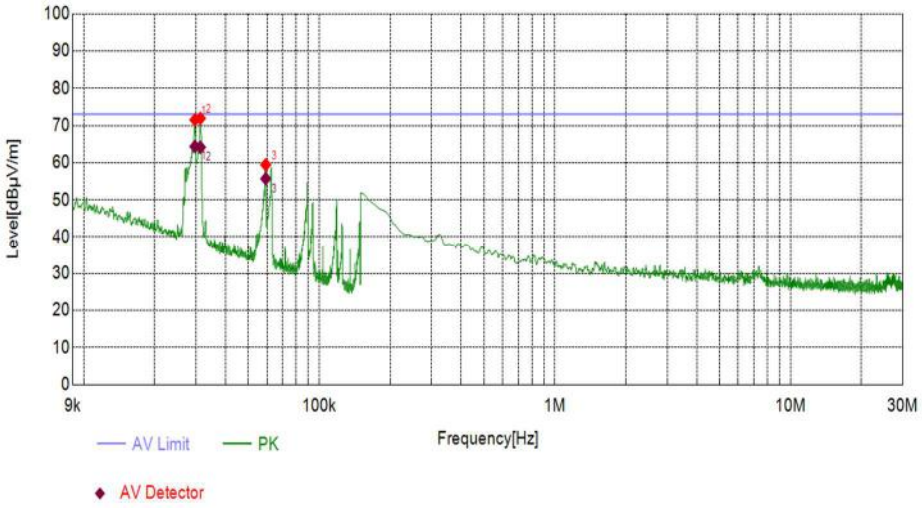
Vertical



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0667	Vertical	-17.99	48.31	73.06	24.75	100	279	PASS
0.0333	Vertical	-18.13	68.21	73.06	4.85	100	255	PASS
0.0371	Vertical	-18.06	51.20	73.06	21.86	100	169	PASS

TEST REPORT

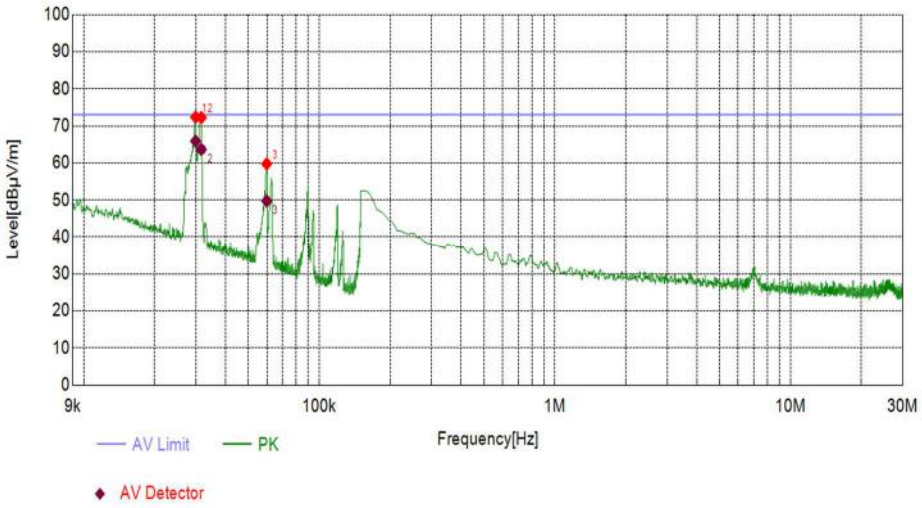
7# heating zone
Horizontal



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0297	Horizontal	-18.17	64.35	73.06	8.71	100	101	PASS
0.0313	Horizontal	-18.16	64.16	73.06	8.90	100	101	PASS
0.0593	Horizontal	-18.09	55.70	73.06	17.36	100	126	PASS

TEST REPORT

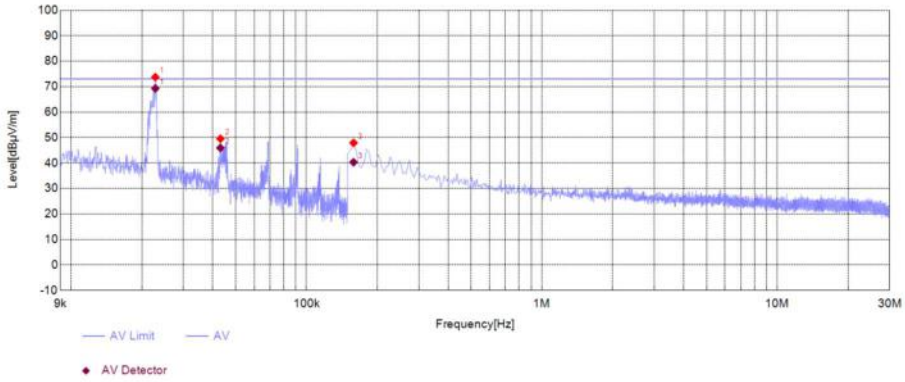
Vertical



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0299	Vertical	-18.18	65.89	73.06	7.17	100	0	PASS
0.0316	Vertical	-18.15	63.64	73.06	9.42	100	6	PASS
0.0599	Vertical	-18.09	49.75	73.06	23.31	100	52	PASS

TEST REPORT

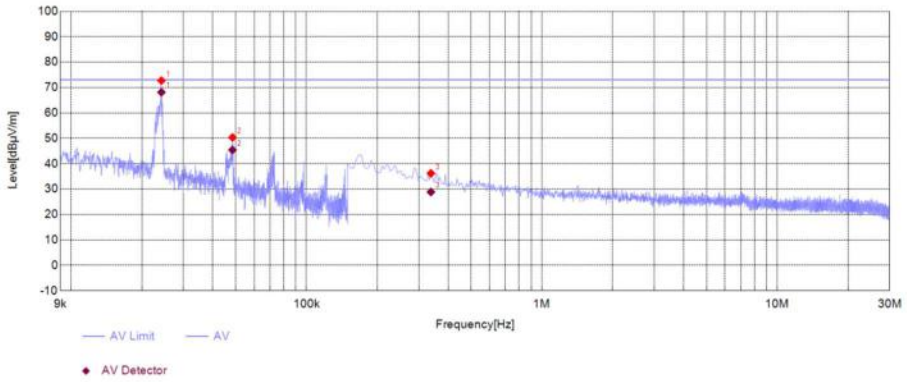
Operation Mode: heating(max power)
Model GK-ID121804-P
1# heating zone
Horizontal



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0228	Horizontal	-18.05	69.30	73.06	3.76	200	360	PASS
0.0431	Horizontal	-17.99	45.93	73.06	27.13	200	1	PASS
0.1585	Horizontal	-17.88	40.33	73.06	32.73	200	345	PASS

TEST REPORT

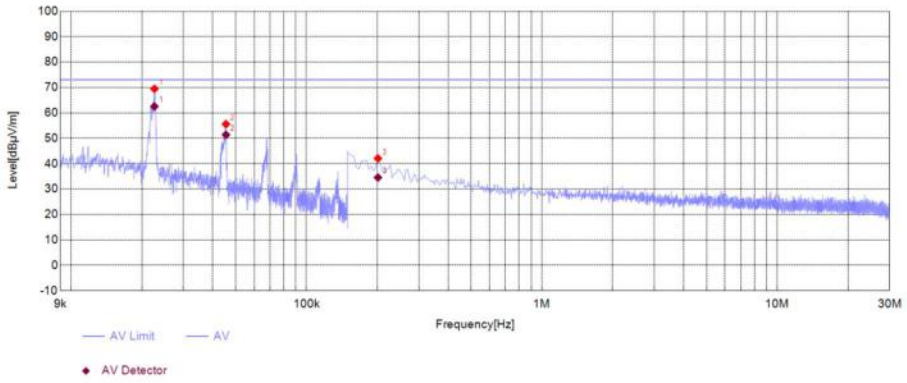
Vertical



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0242	Vertical	-18.08	68.15	73.06	4.91	200	104	PASS
0.0485	Vertical	-17.96	45.43	73.06	27.63	200	45	PASS
0.3377	Vertical	-17.75	28.87	73.06	44.19	200	10	PASS

TEST REPORT

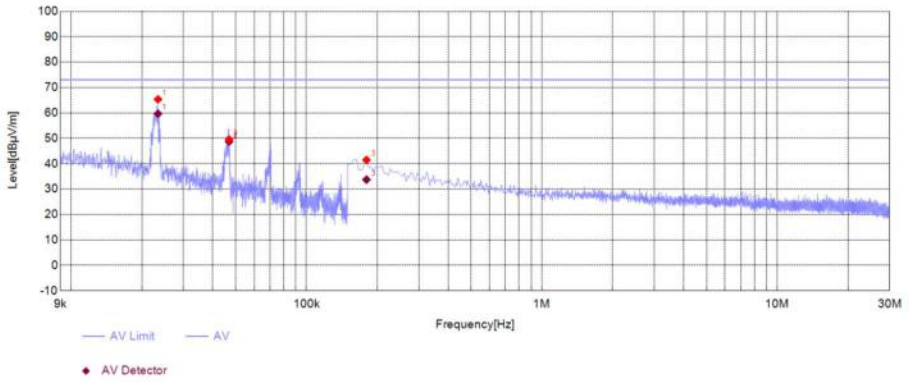
2# heating zone
Horizontal



Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0226	Horizontal	-18.04	62.53	73.06	10.53	200	0	PASS
0.0455	Horizontal	-17.97	51.39	73.06	21.67	200	40	PASS
0.2012	Horizontal	-17.89	34.55	73.06	38.51	200	144	PASS

TEST REPORT

Vertical



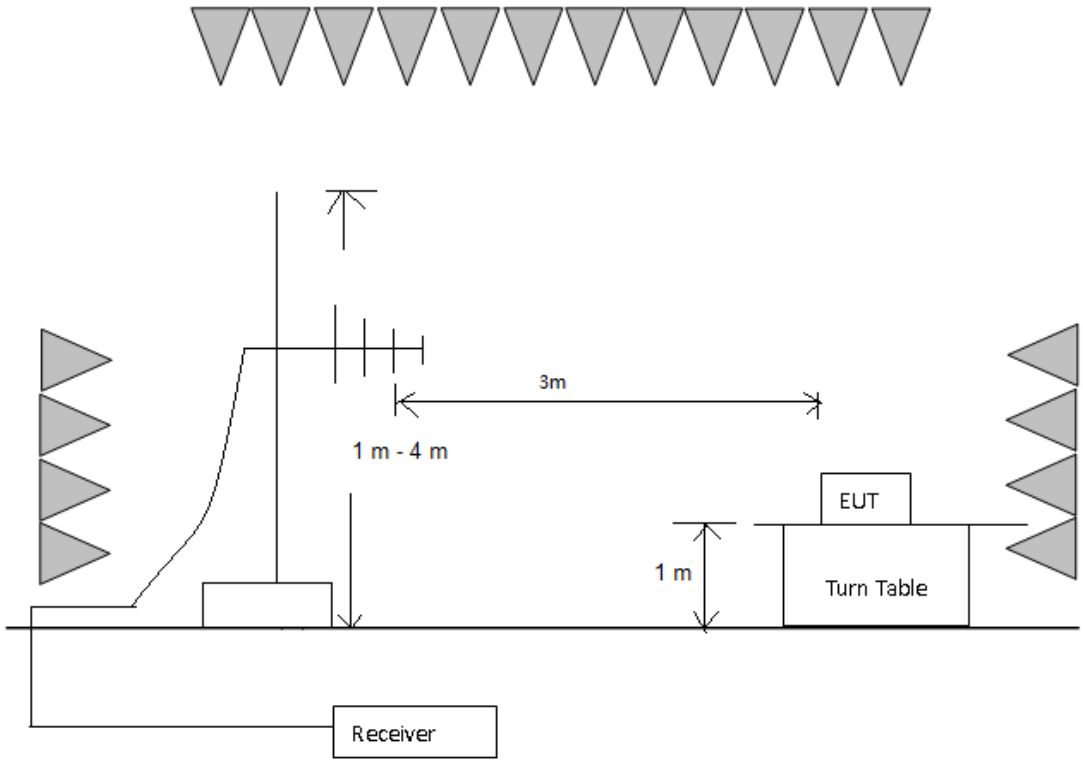
Final Data List								
Frequency [MHz]	Polarity	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Pass/Fail
0.0234	Vertical	-18.06	59.70	73.06	13.36	200	313	PASS
0.0469	Vertical	-17.97	48.68	73.06	24.38	200	3	PASS
0.1799	Vertical	-17.89	33.73	73.06	39.33	200	360	PASS

TEST REPORT

6.3 FCC part 18 Radiated Emission 30 MHz -1000 MHz

Test Result: Pass

6.3.1 Block Diagram of Test Setup



6.3.2 Test Setup and Procedure

The measurement was applied in a semi-anechoic chamber. The EUT and simulators were placed on a 1 m high foam table above the horizontal metal ground plane. The turn table rotated 360 degrees to determine the position of the maximum emission level. The EUT was set 3 meters away from the receiving antenna which was mounted on an antenna mask. The antenna moved up and down between from 1 meter to 4 meters to find out the maximum emission level.

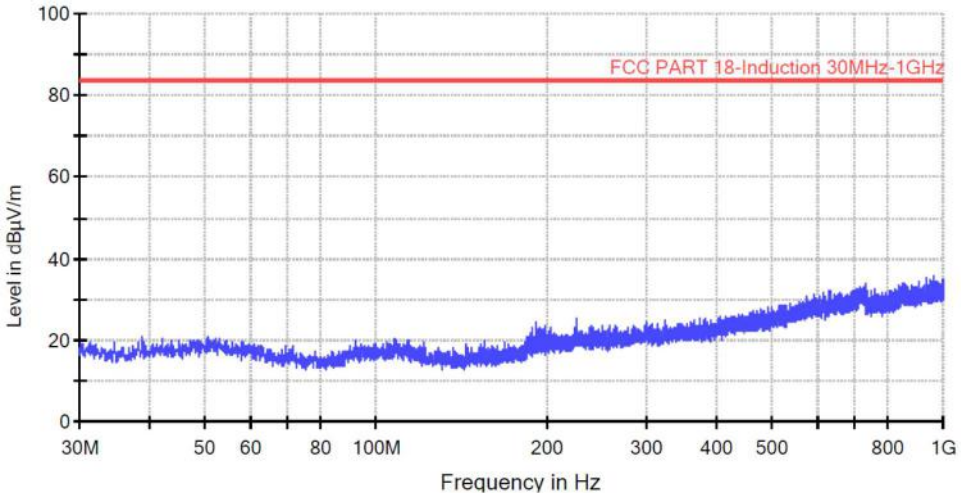
Broadband antenna was used as receiving antenna. Both horizontal and vertical polarization of the antenna was set on measurement. In order to find the maximum emission, all of the interface cables were manipulated according to FCC OST/MP-5 requirement during radiated test.
The bandwidth setting on R&S Test Receiver was 120 kHz.
The frequency range from 30 MHz to 1000 MHz was checked

6.3.3 Limit

Frequency range (MHz)	Field strength at 30 meters (μV/m)	Field strength at 10 meters (dBμV/m)	Field strength at 3 meters (dBμV/m)
30-1000	1500	73.1	83.5
Note: Test limit is calculated and base on equipment type and operating frequency. Detector: Peak for pre-scan, Average for the final result			

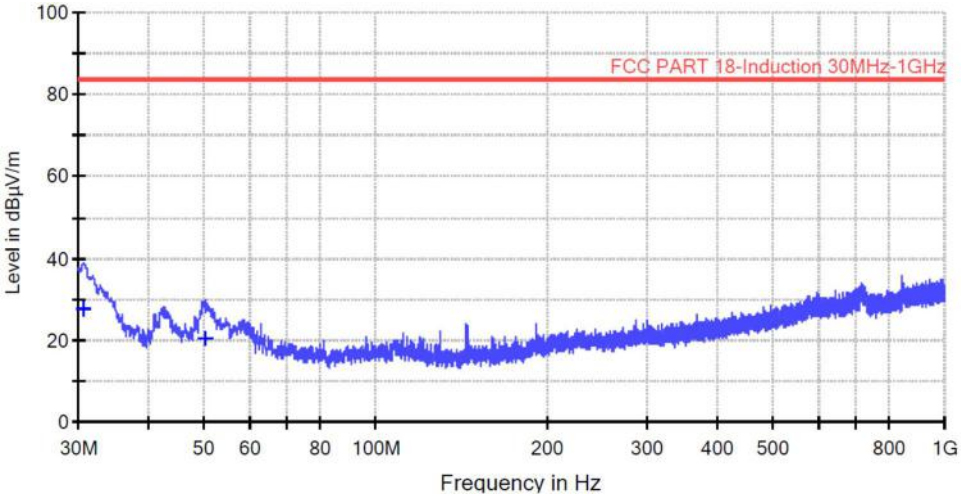
6.3.4 Test Data and Curve

Operation Mode: heating(max power)
Model GK-ID123602B
1# heating zone
Horizontal



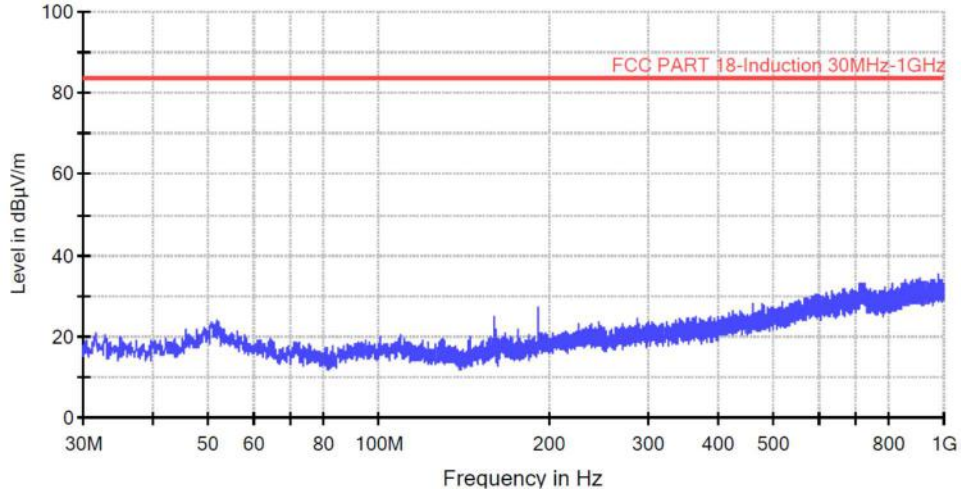
All emission levels are more than 6 dB below the limit.

Vertical



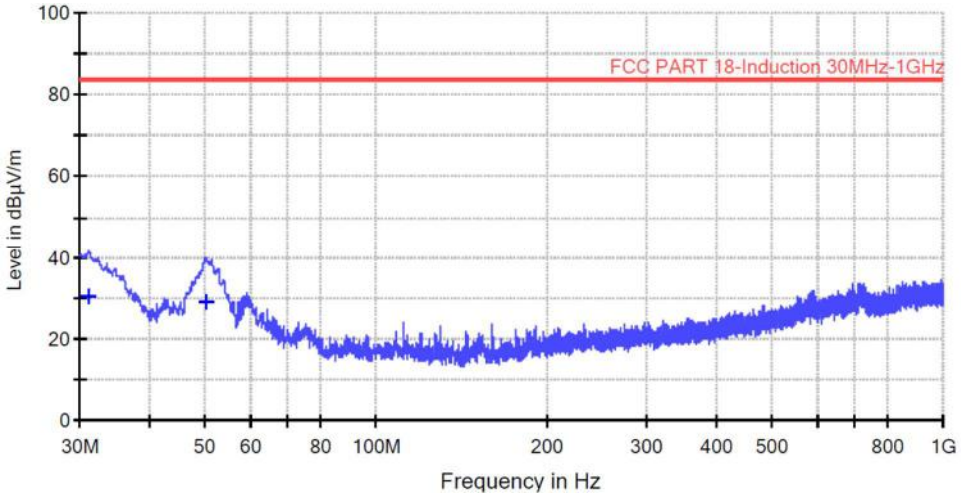
All emission levels are more than 6 dB below the limit.

2# heating zone
Horizontal



All emission levels are more than 6 dB below the limit.

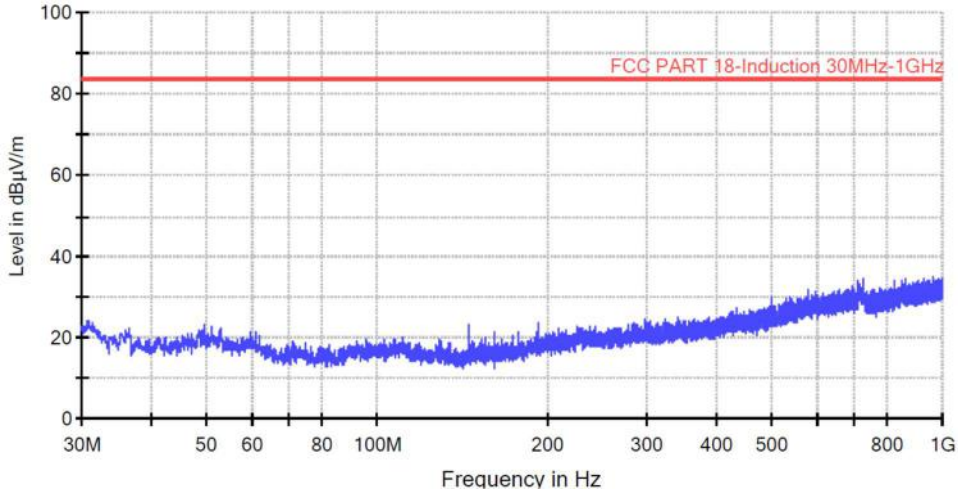
Vertical



All emission levels are more than 6 dB below the limit.

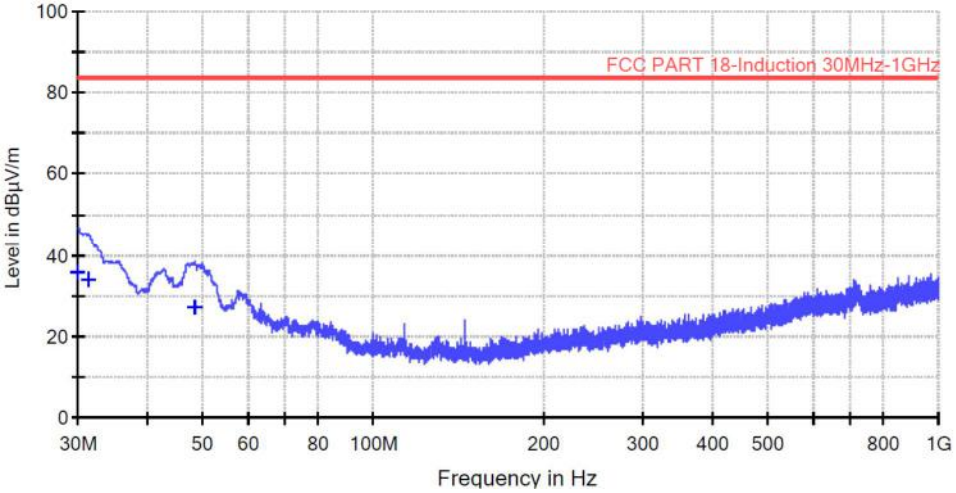
TEST REPORT

Operation Mode: heating(max power)
Model GK-ID123604B
1# heating zone
Horizontal



All emission levels are more than 6 dB below the limit.

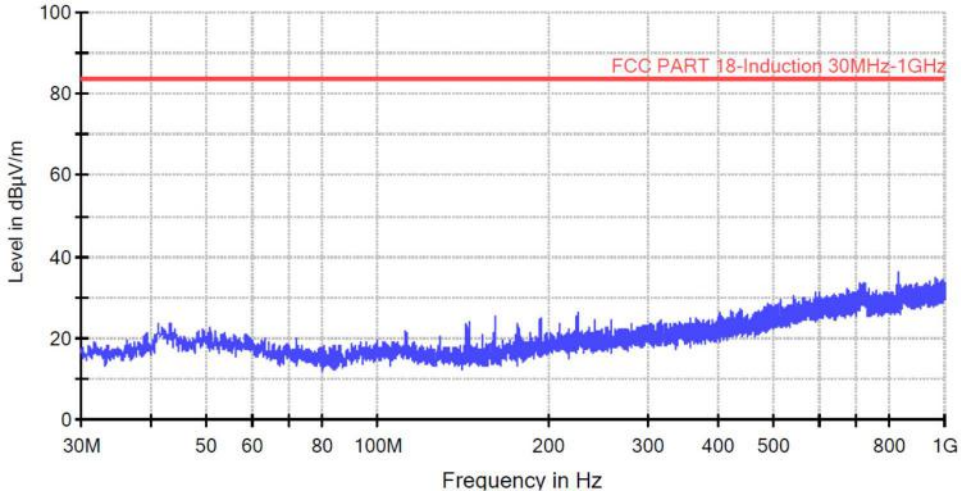
Vertical



All emission levels are more than 6 dB below the limit.

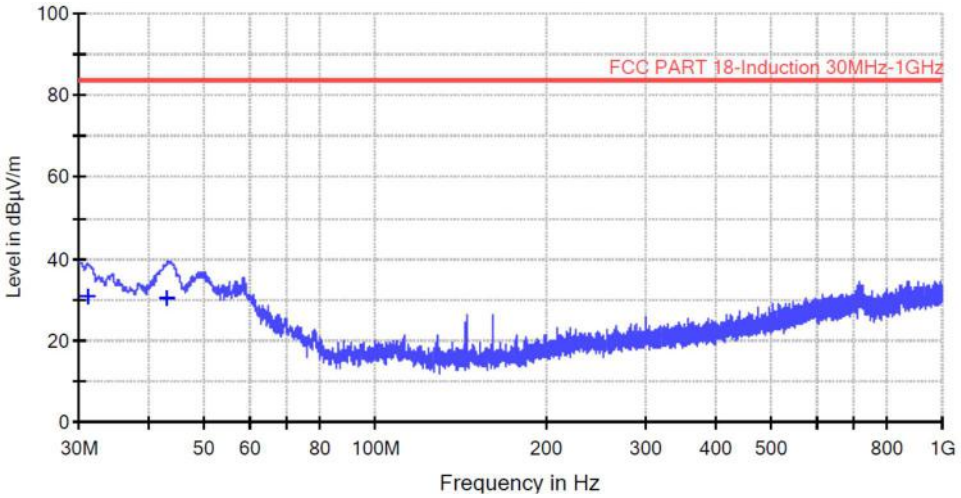
TEST REPORT

Operation Mode: heating(max power)
Model GK-IF247202B
1# heating zone
Horizontal



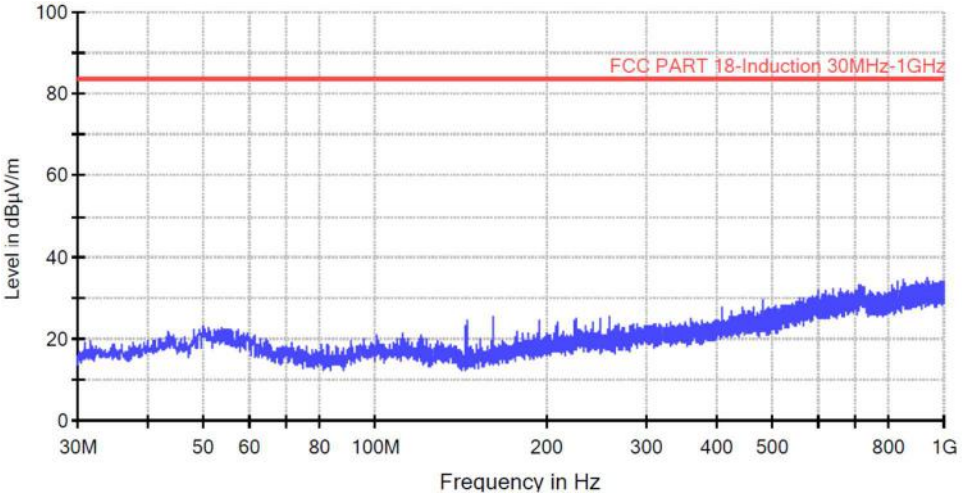
All emission levels are more than 6 dB below the limit.

Vertical



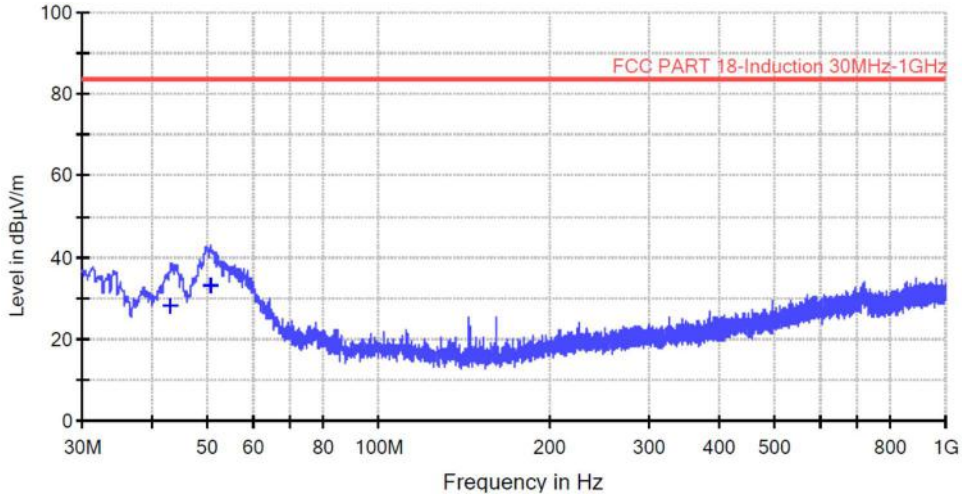
All emission levels are more than 6 dB below the limit.

2# heating zone
Horizontal



All emission levels are more than 6 dB below the limit.

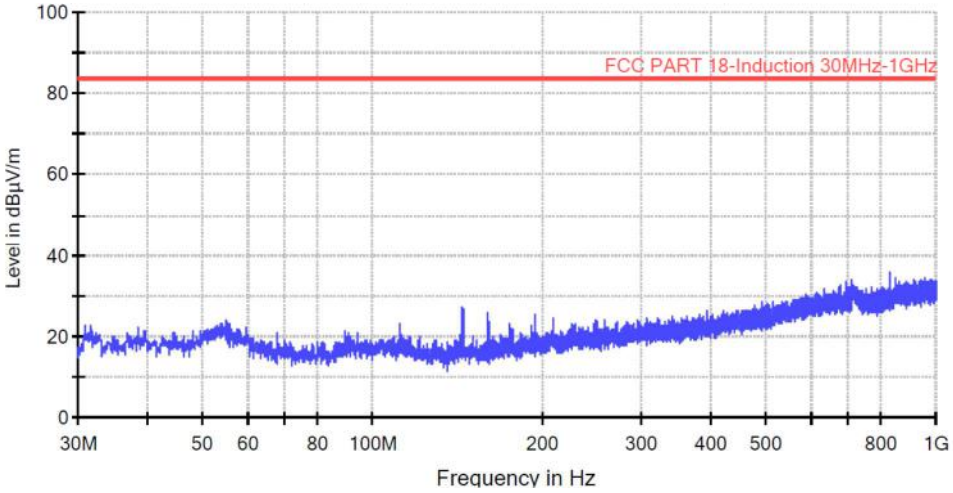
Vertical



All emission levels are more than 6 dB below the limit.

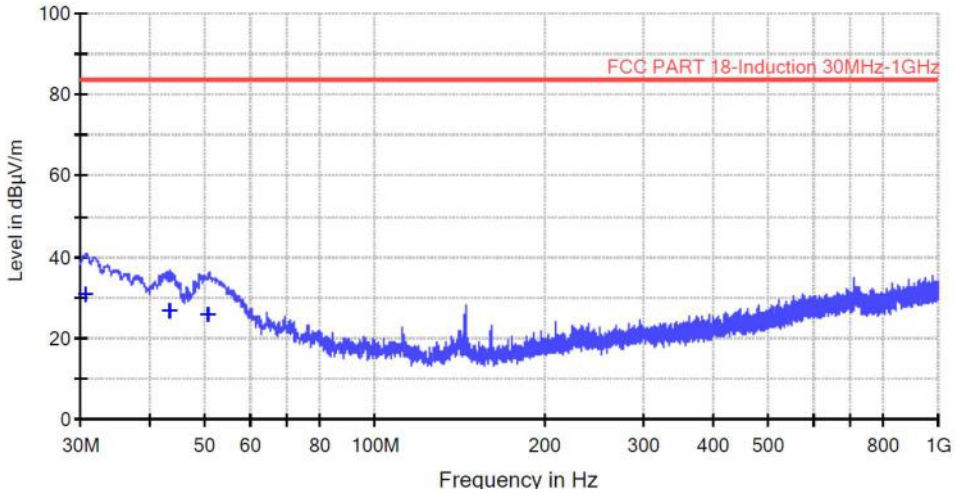
TEST REPORT

3# heating zone
Horizontal



All emission levels are more than 6 dB below the limit.

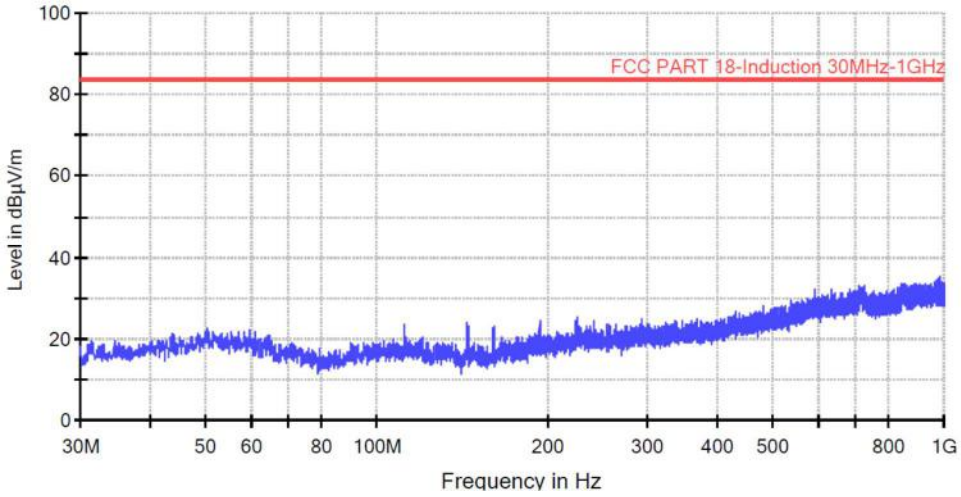
Vertical



All emission levels are more than 6 dB below the limit.

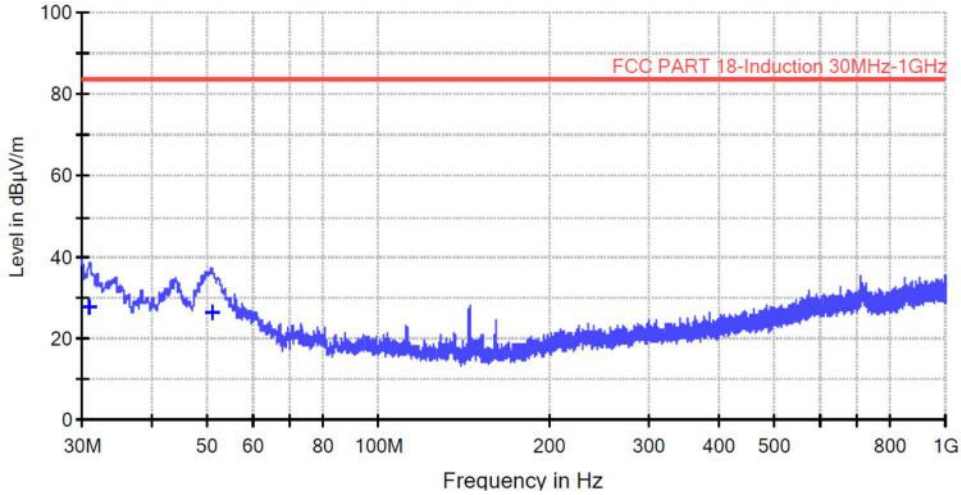
TEST REPORT

4# heating zone
Horizontal



All emission levels are more than 6 dB below the limit.

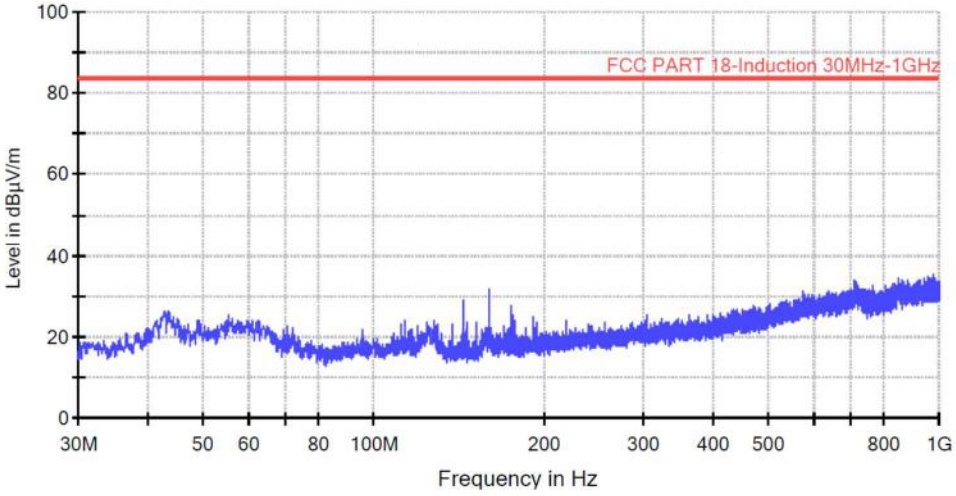
Vertical



All emission levels are more than 6 dB below the limit.

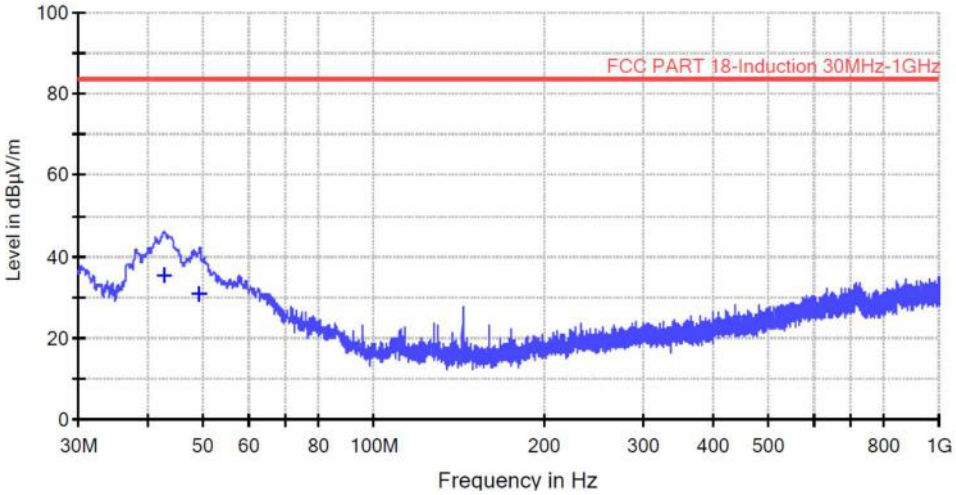
TEST REPORT

Operation Mode: heating(max power)
Model GK-IF307204BFF
2# heating zone
Horizontal



All emission levels are more than 6 dB below the limit.

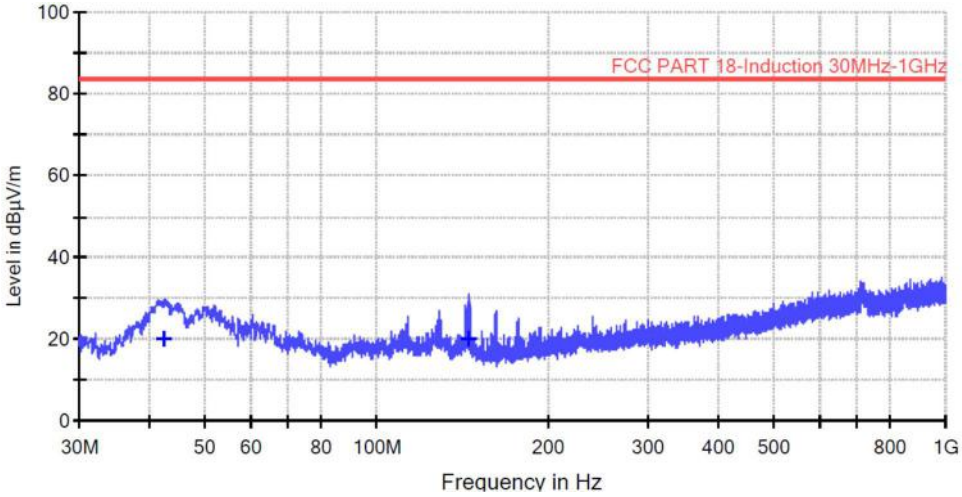
Vertical



All emission levels are more than 6 dB below the limit.

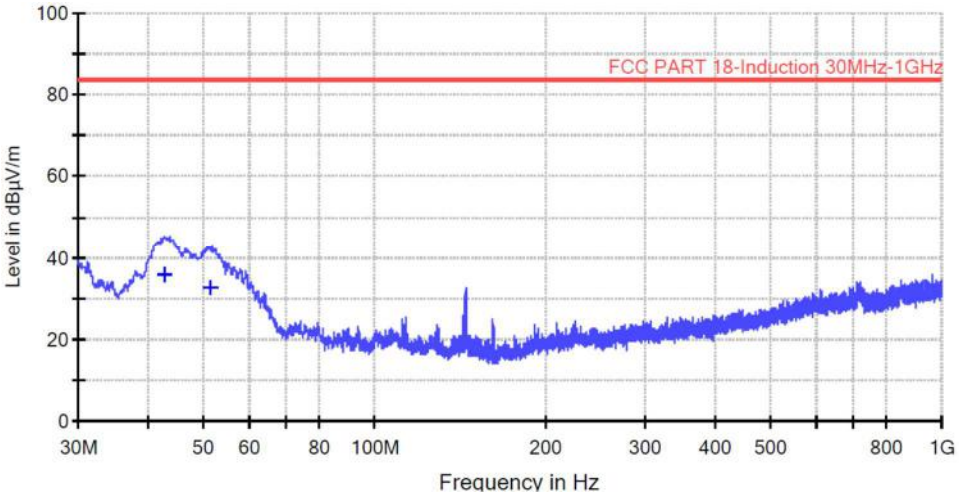
TEST REPORT

Operation Mode: heating(max power)
Model GK-IV36X209BFF
1# heating zone
Horizontal



All emission levels are more than 6 dB below the limit.

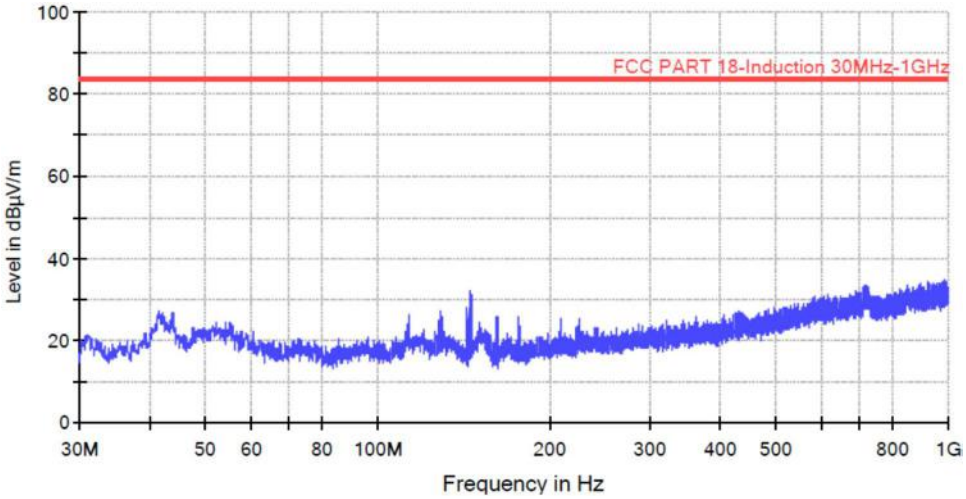
Vertical



All emission levels are more than 6 dB below the limit.

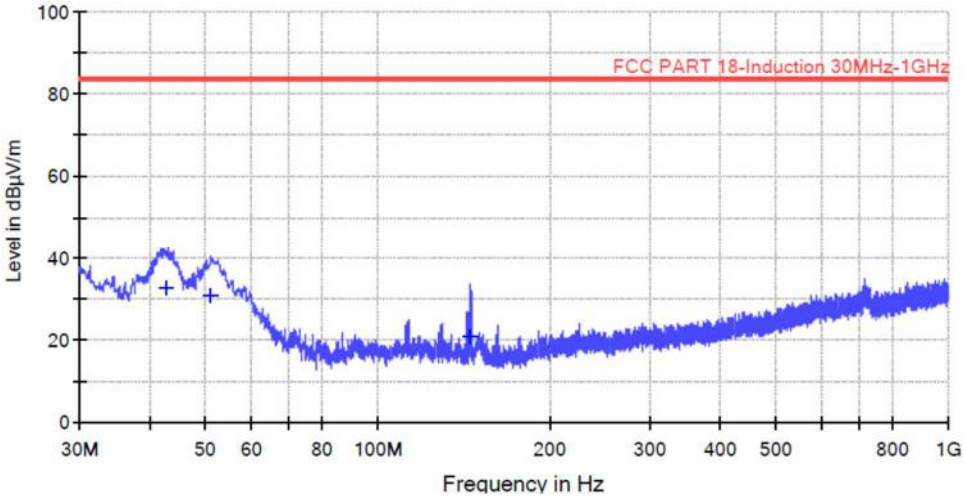
TEST REPORT

2# heating zone
Horizontal



All emission levels are more than 6 dB below the limit.

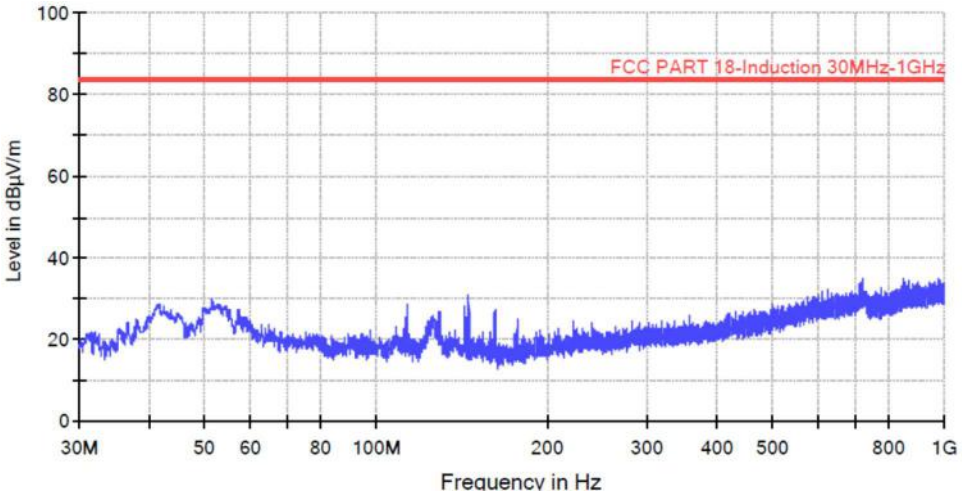
Vertical



All emission levels are more than 6 dB below the limit.

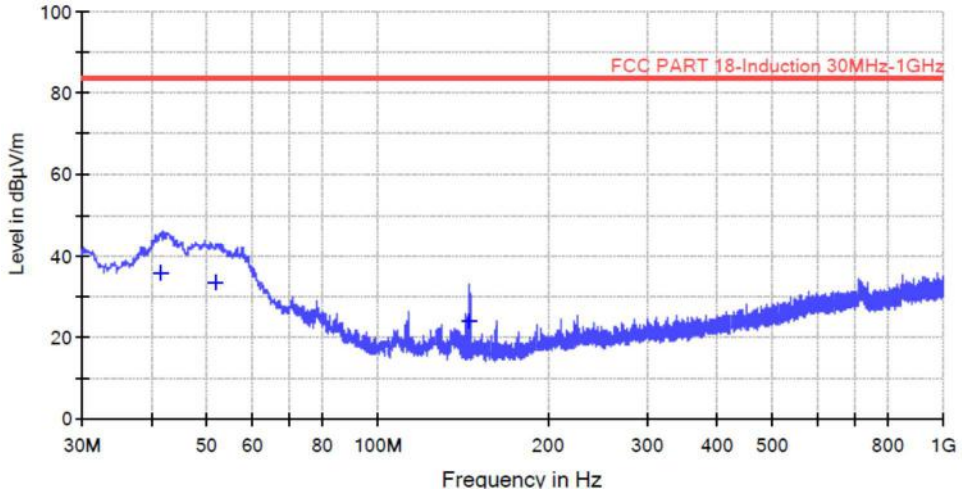
TEST REPORT

3# heating zone
Horizontal



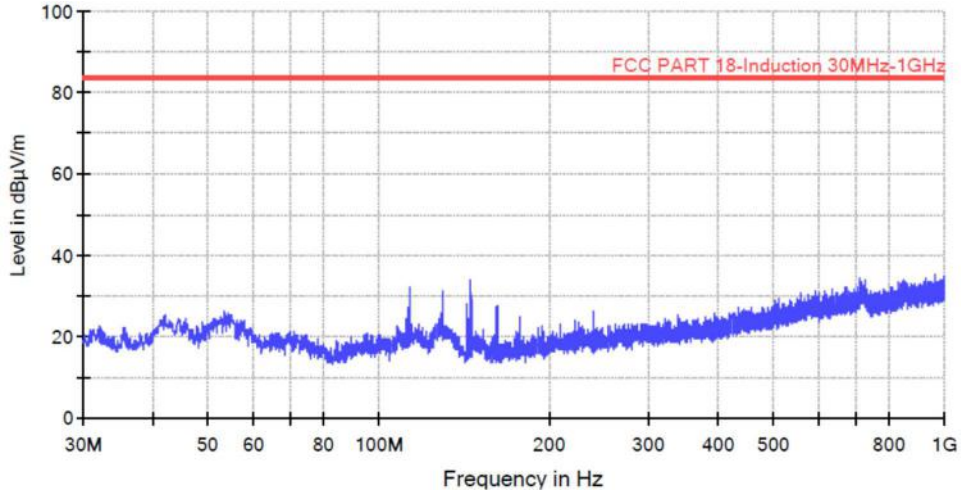
All emission levels are more than 6 dB below the limit.

Vertical



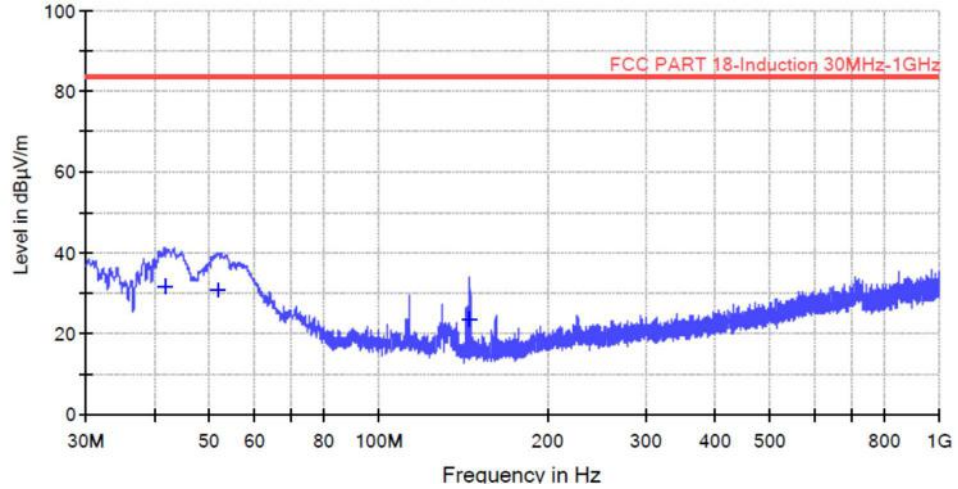
All emission levels are more than 6 dB below the limit.

4# heating zone
Horizontal



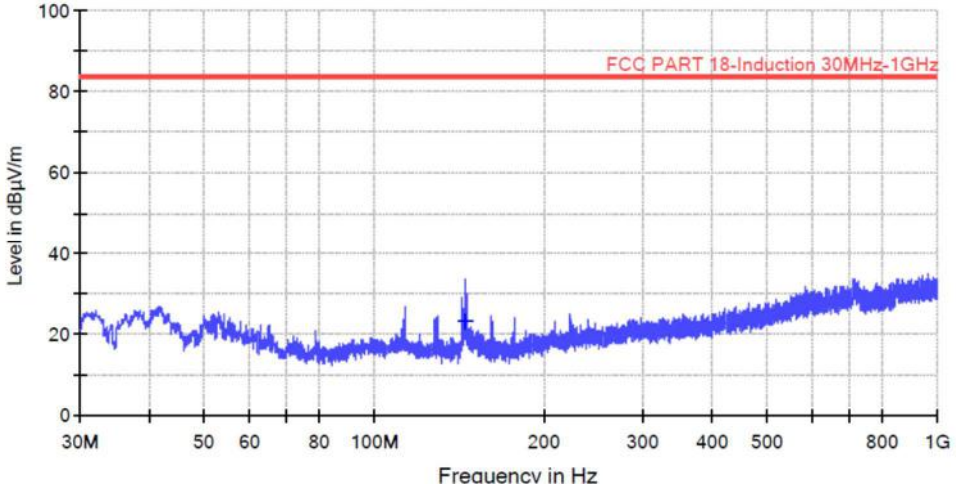
All emission levels are more than 6 dB below the limit.

Vertical



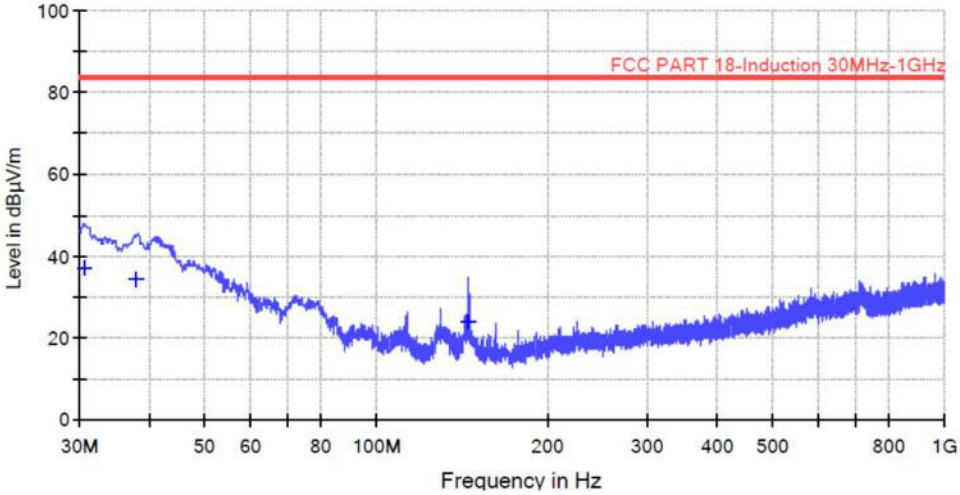
All emission levels are more than 6 dB below the limit.

5# heating zone
Horizontal



All emission levels are more than 6 dB below the limit.

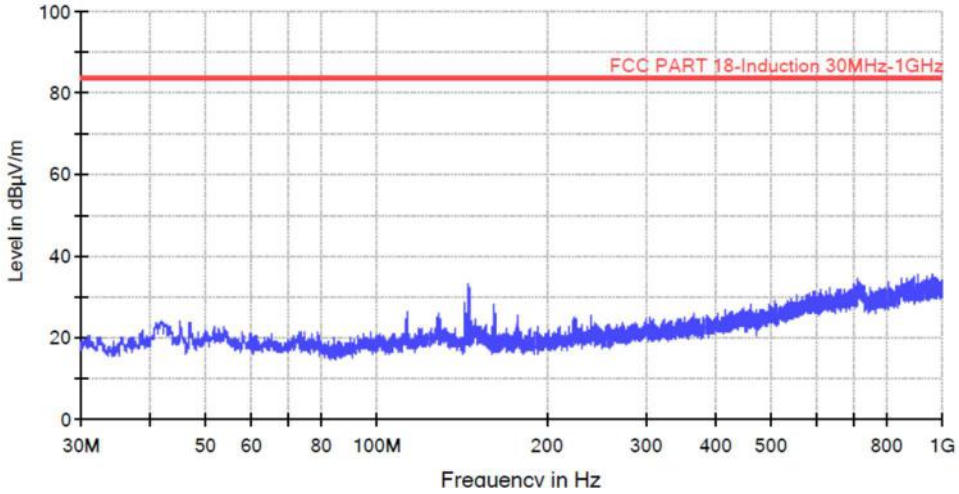
Vertical



All emission levels are more than 6 dB below the limit.

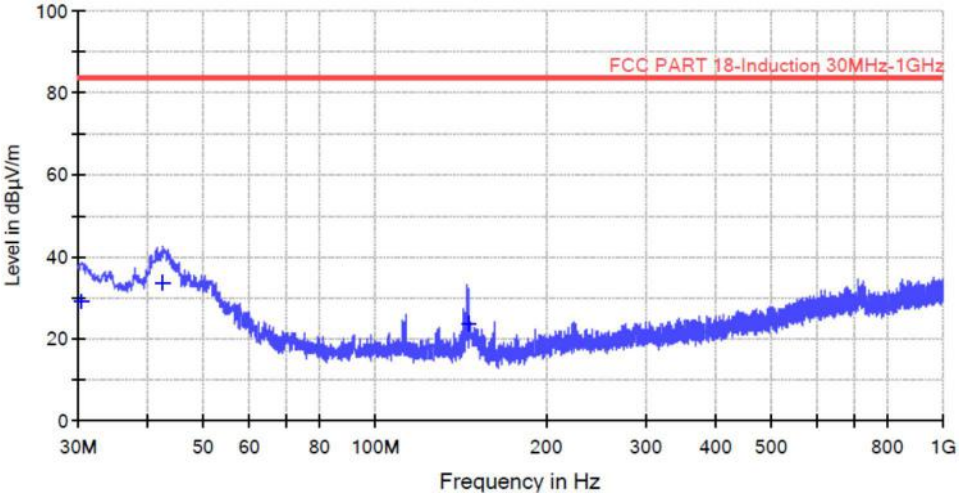
TEST REPORT

6# heating zone
Horizontal



All emission levels are more than 6 dB below the limit.

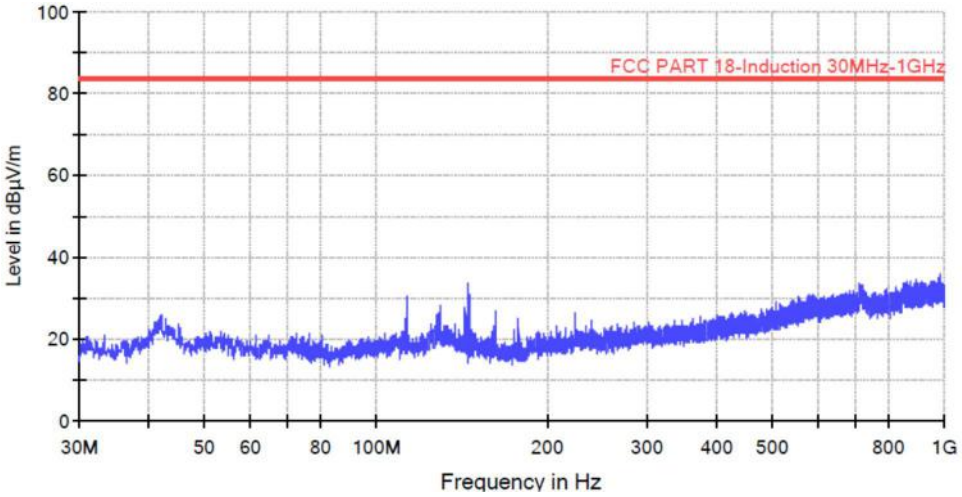
Vertical



All emission levels are more than 6 dB below the limit.

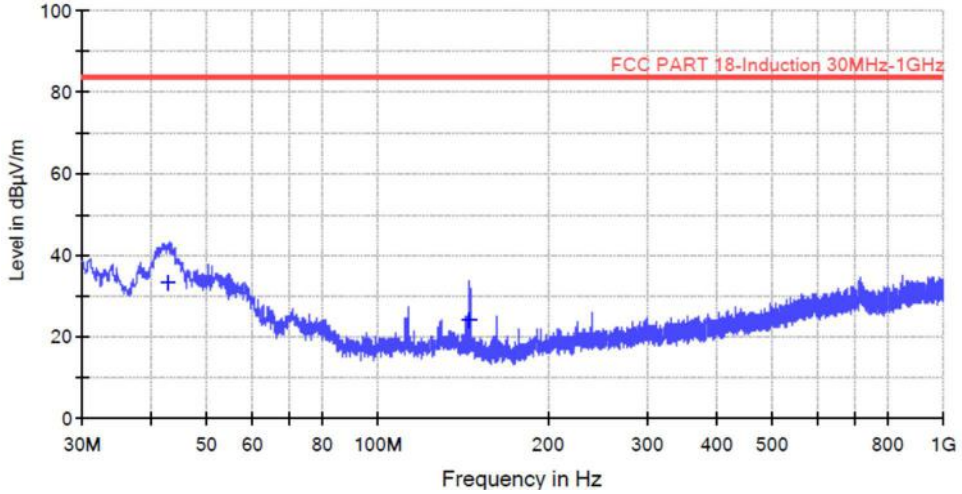
TEST REPORT

7# heating zone
Horizontal



All emission levels are more than 6 dB below the limit.

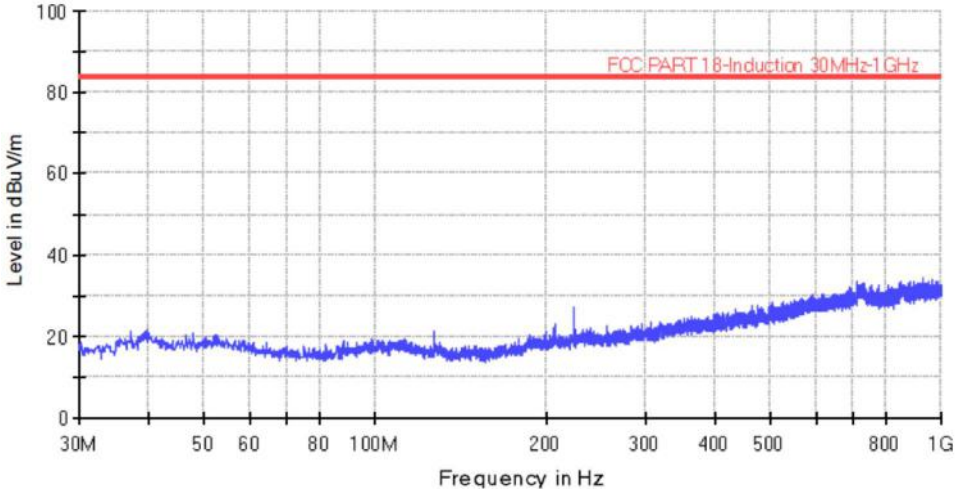
Vertical



All emission levels are more than 6 dB below the limit.

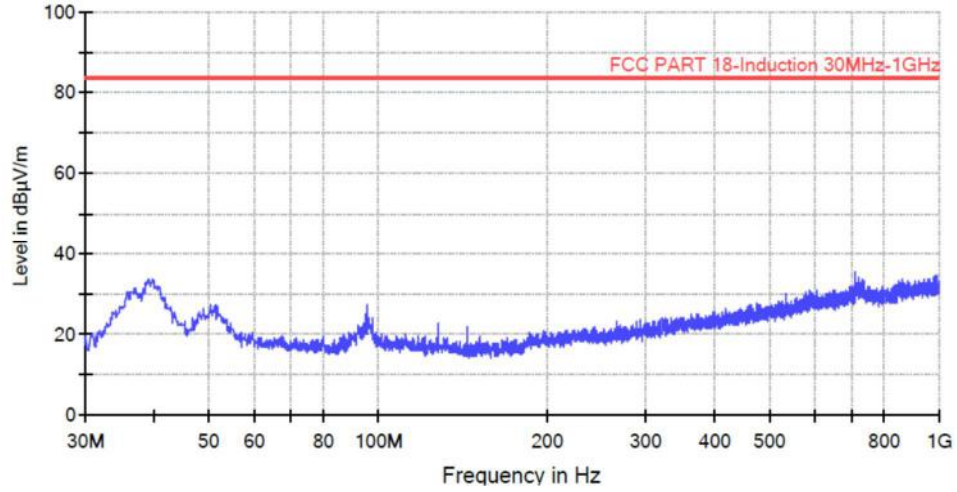
TEST REPORT

Operation Mode: heating(max power)
Model GK-ID121804-P
1# heating zone
Horizontal



All emission levels are more than 6 dB below the limit.

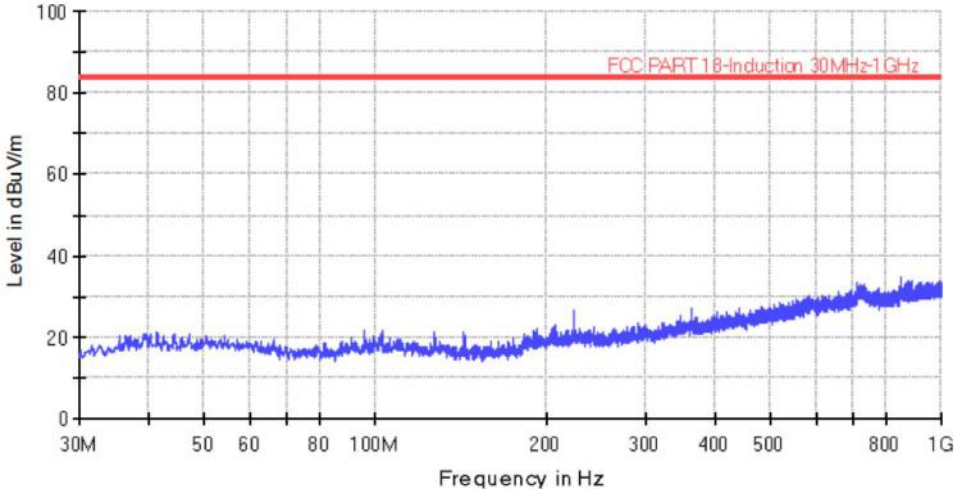
Vertical



All emission levels are more than 6 dB below the limit.

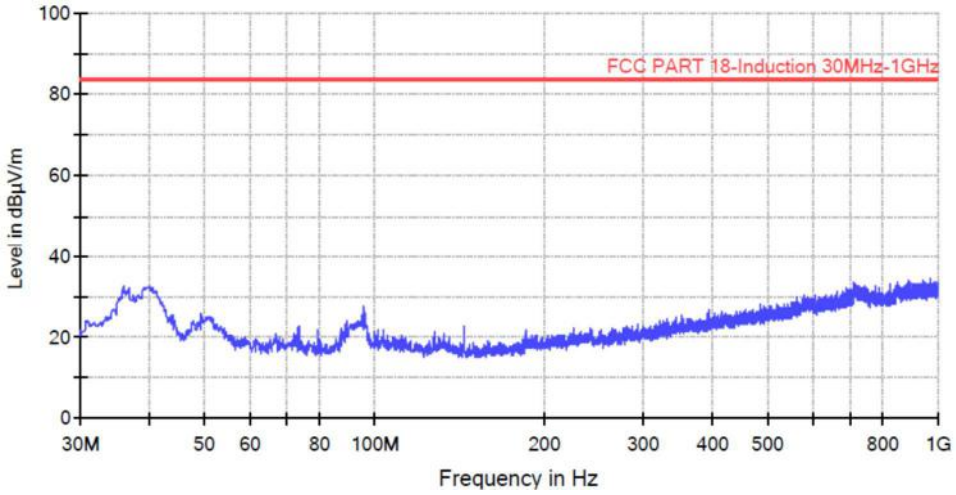
TEST REPORT

2# heating zone
Horizontal



All emission levels are more than 6 dB below the limit.

Vertical



All emission levels are more than 6 dB below the limit.

7. APPENDIX I - PHOTOS OF TEST SETUP

Conducted Emission

Radiated Emission (9 kHz–30 MHz)

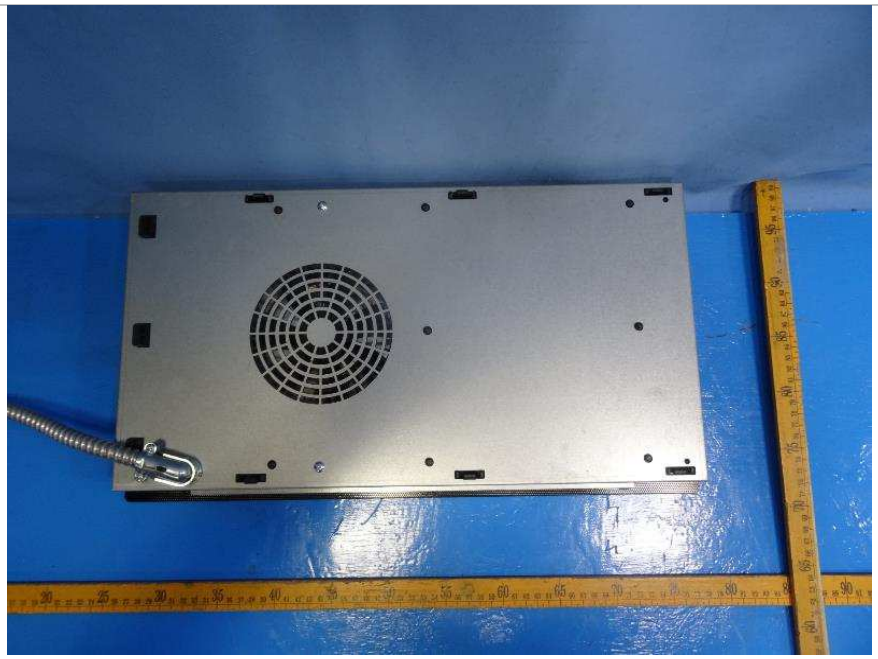
TEST REPORT

Radiated Emission (30 MHz–1000 MHz)

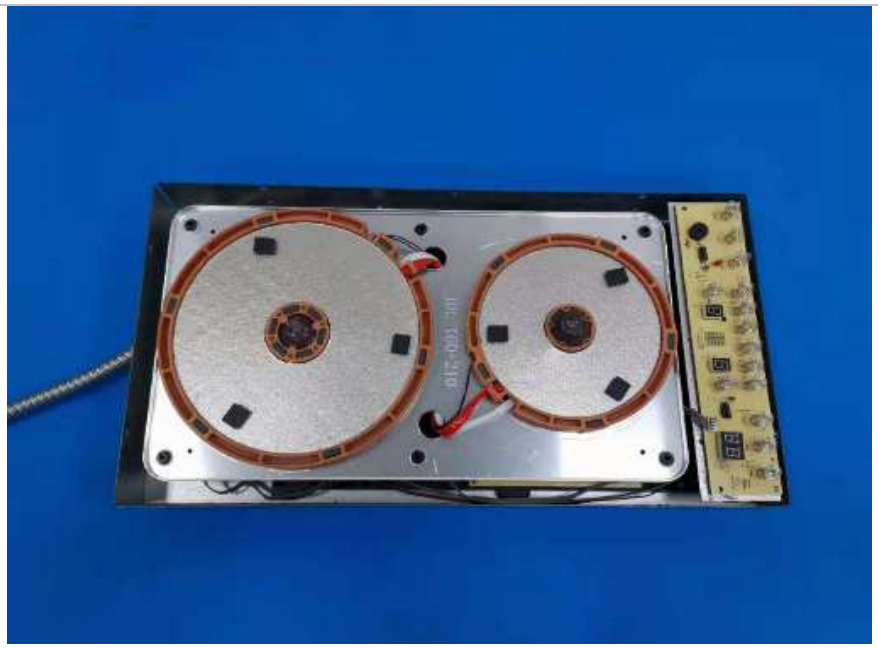
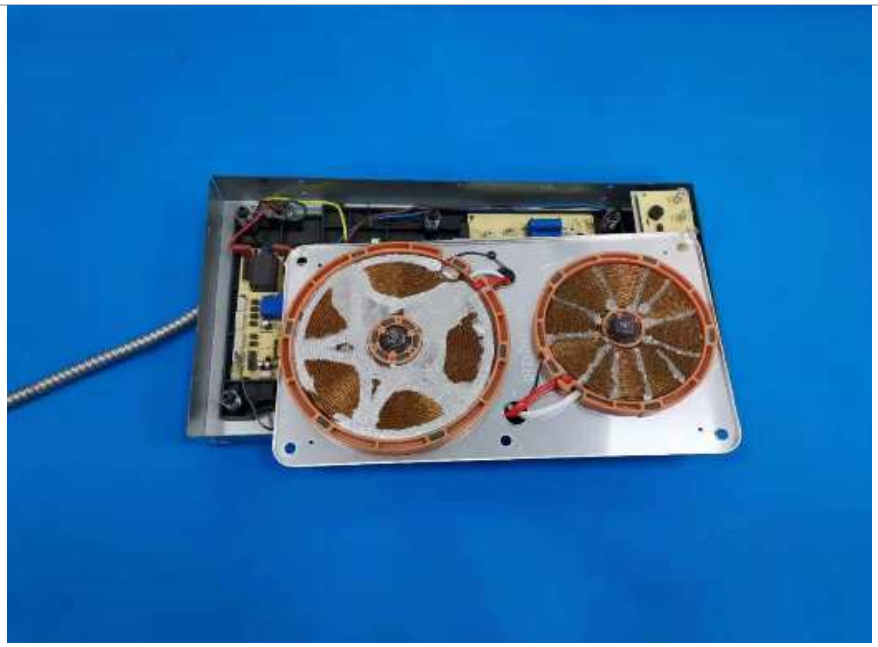

8. APPENDIX II – PHOTOS OF EUT

External view for GK-ID123604B

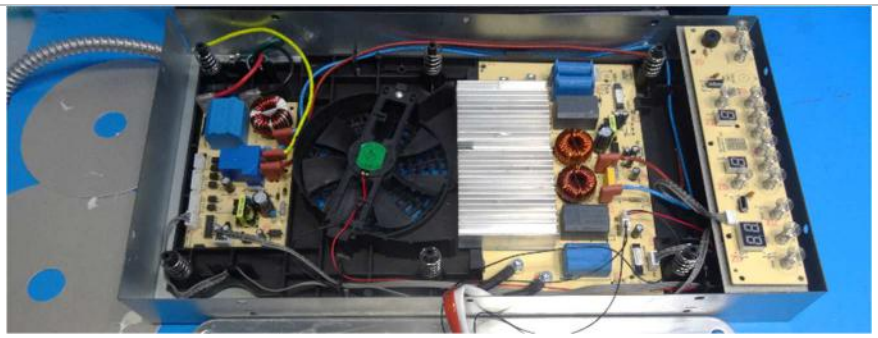
External view for GK-ID123604B

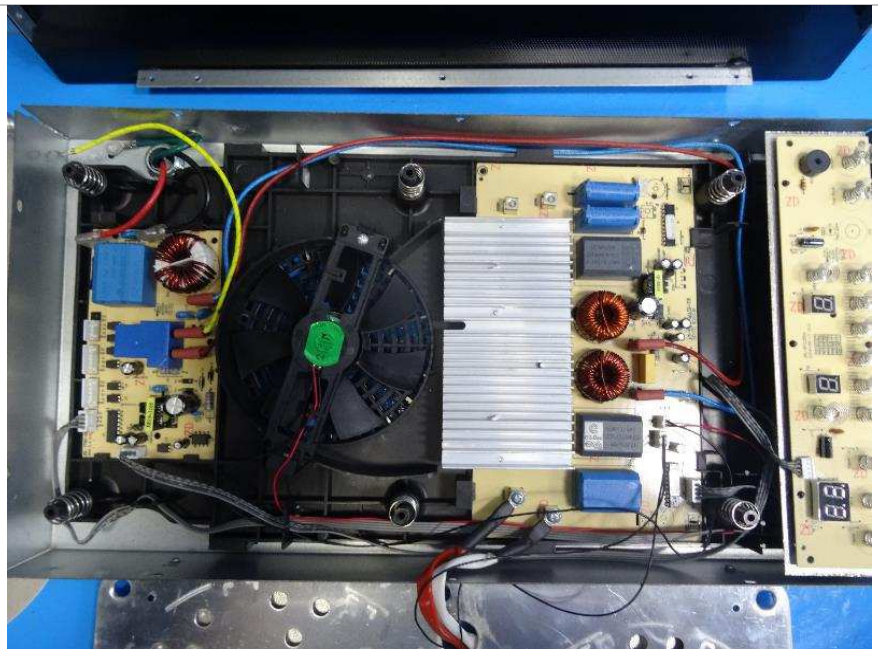


TEST REPORT

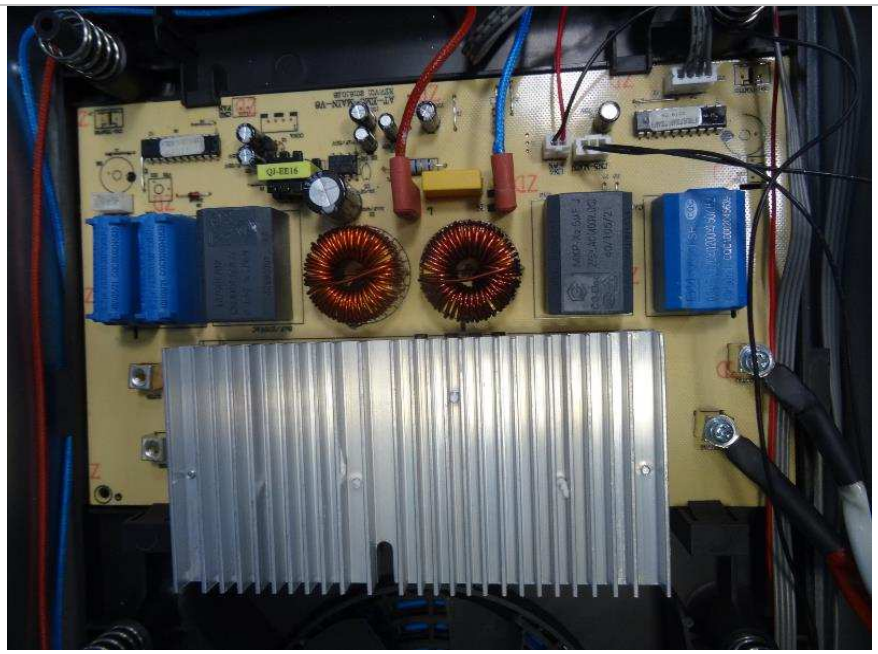
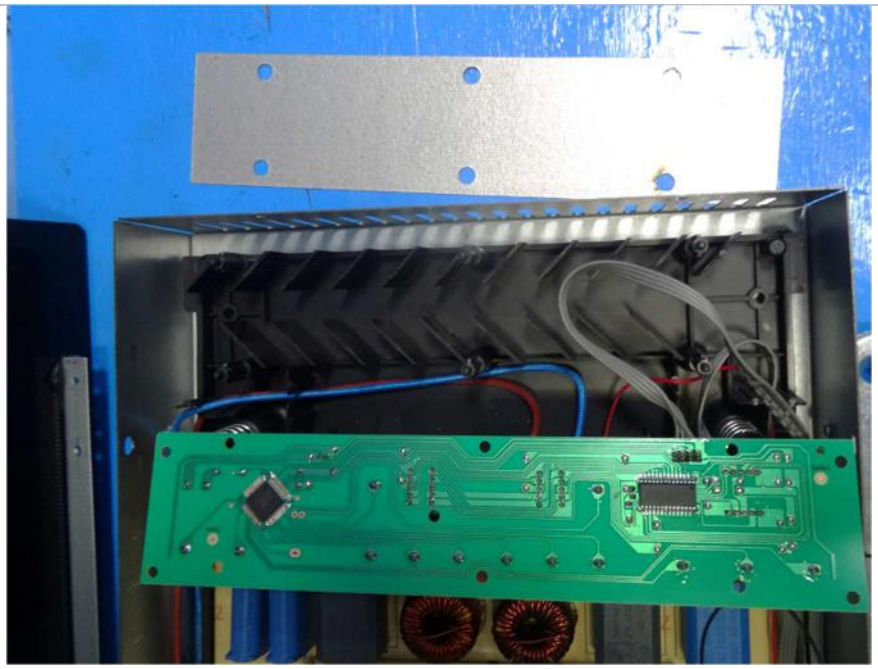
Internal view for GK-ID123604B

Internal view for GK-ID123604B


TEST REPORT

Internal view for GK-ID123604B


Internal view for GK-ID123604B


TEST REPORT

Internal view for GK-ID123604B

Internal view for GK-ID123604B


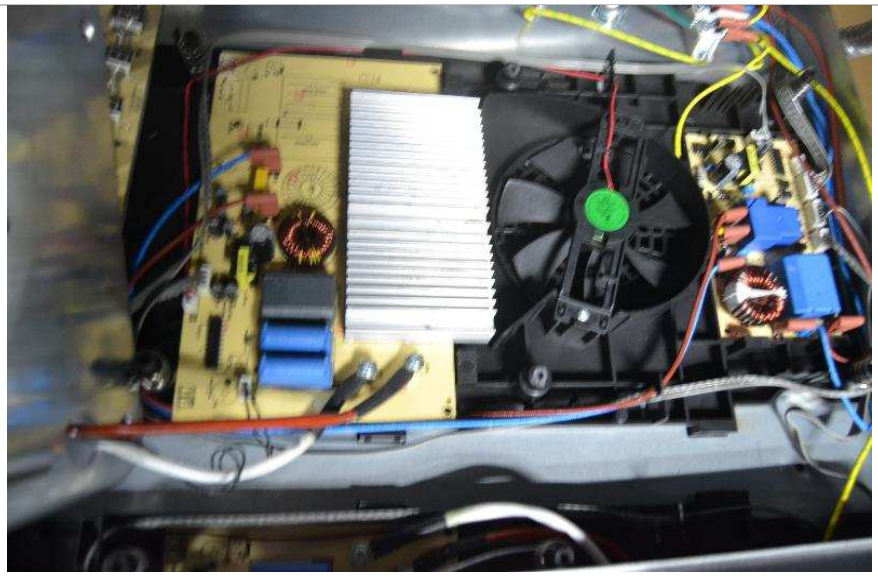
TEST REPORT

External view for GK-IV36X209BFF

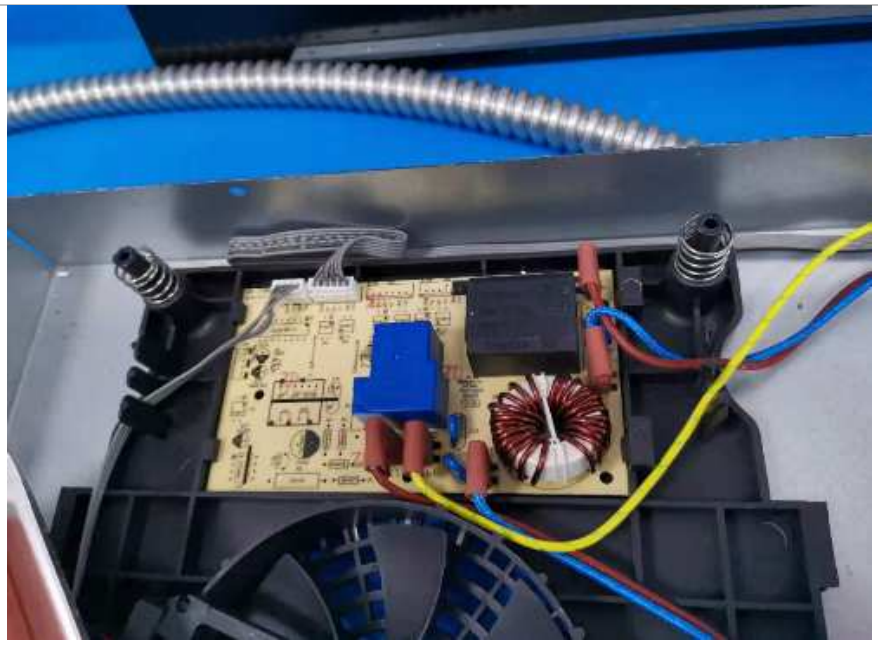
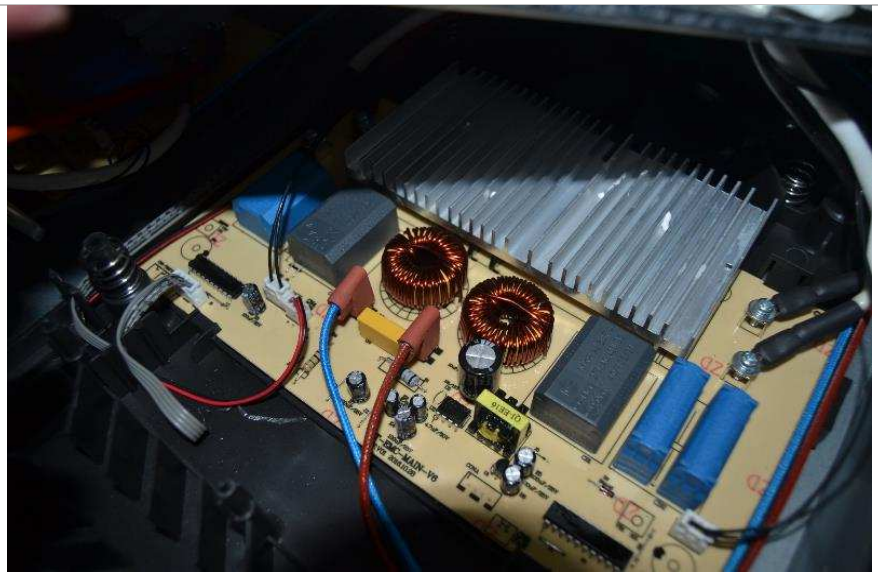
External view for GK-IV36X209BFF


TEST REPORT

Internal view for GK-IV36X209BFF

Internal view for GK-IV36X209BFF


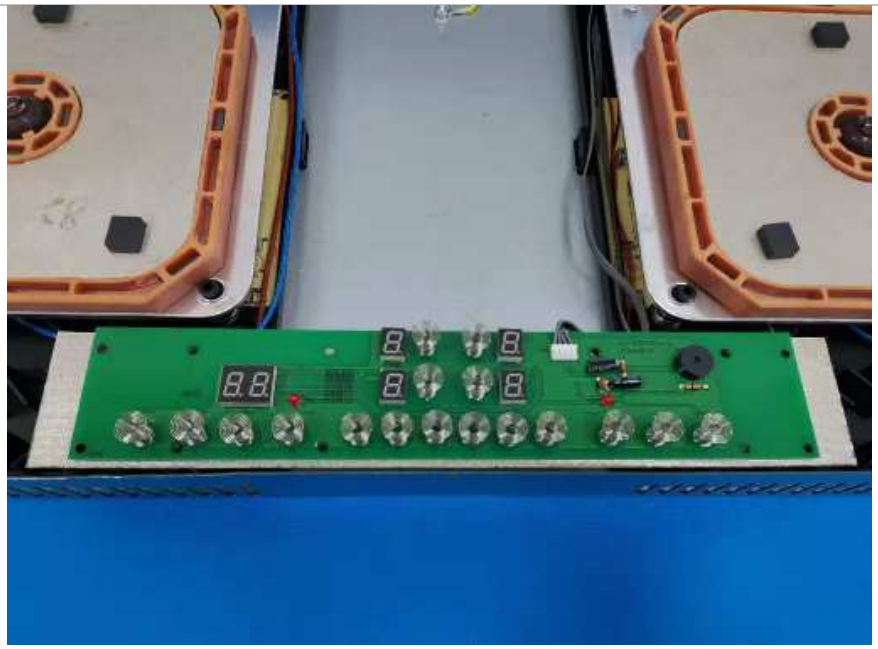
TEST REPORT

Internal view for GK-IV36X209BFF

Internal view for GK-IV36X209BFF


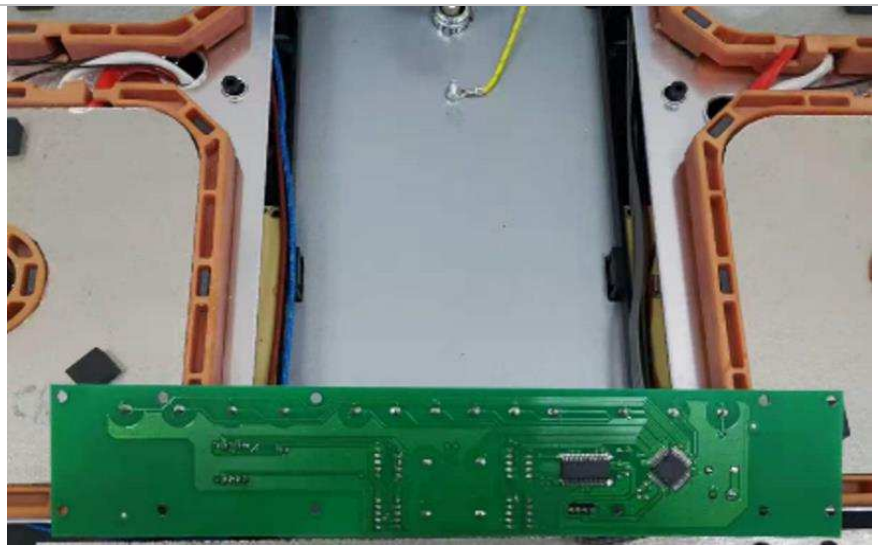
TEST REPORT

External view for GK-IF307204BFF

Internal view for GK-IF307204BFF

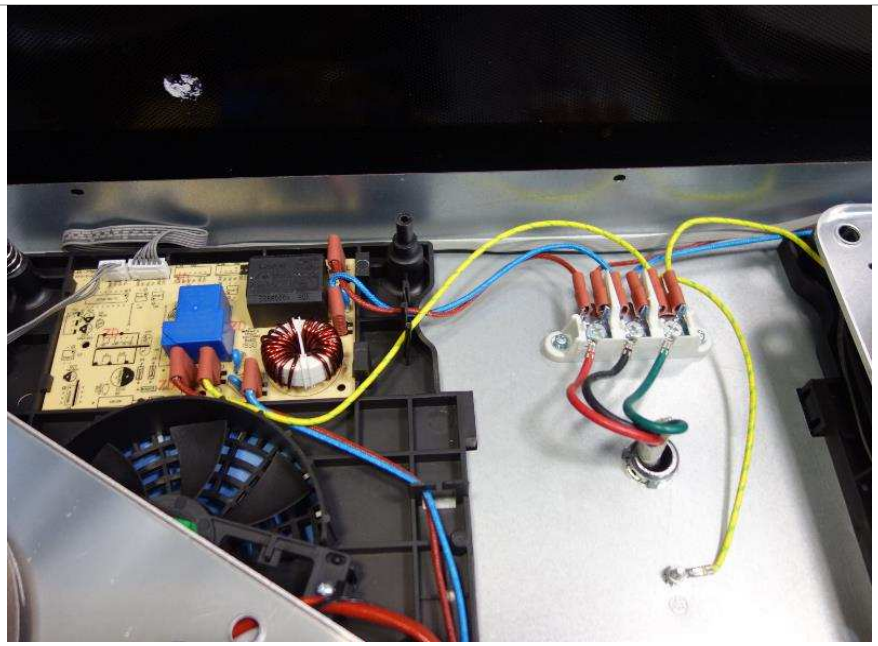


TEST REPORT

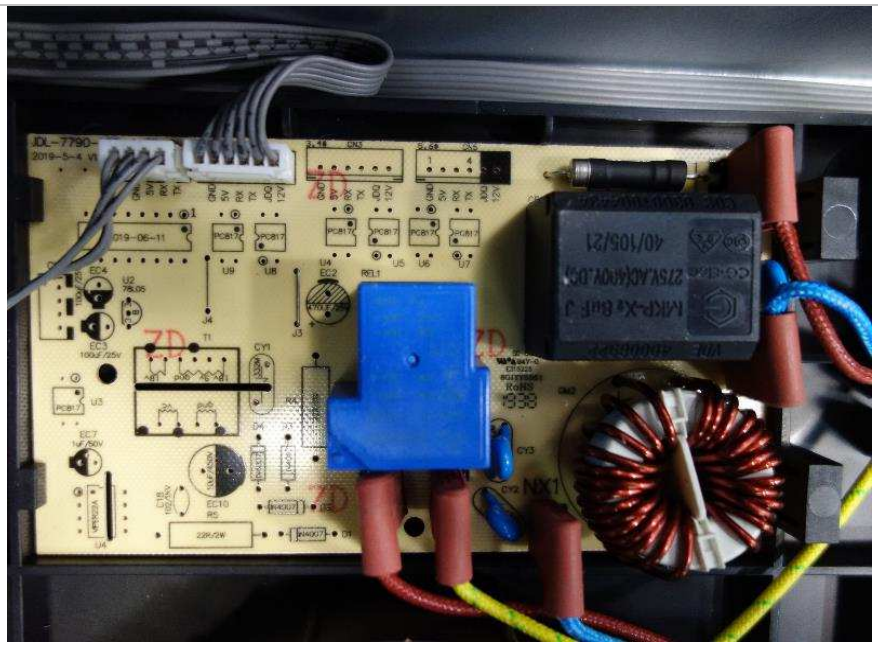
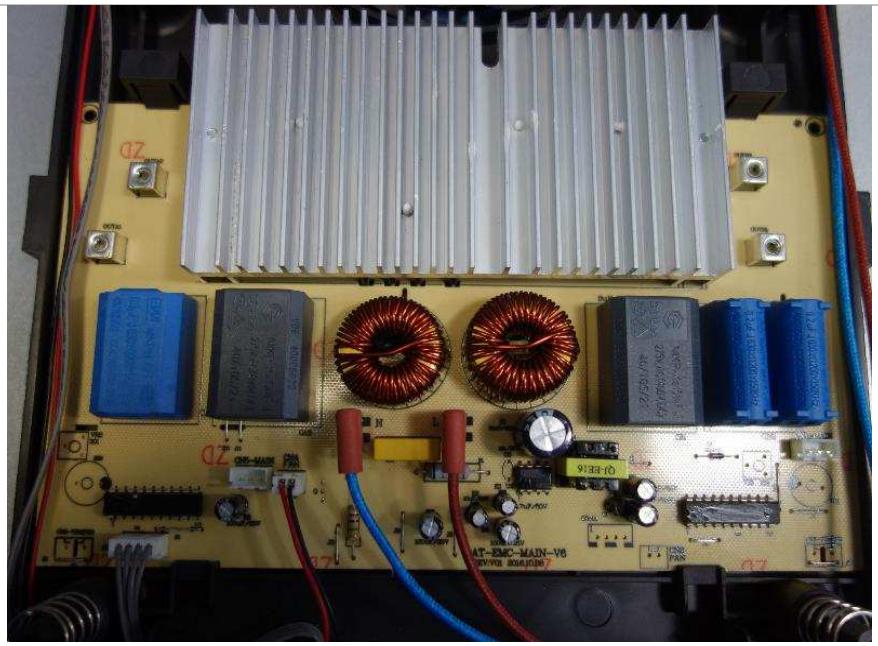
Internal view for GK-IF307204BFF

External view for GK-IF307209B


TEST REPORT

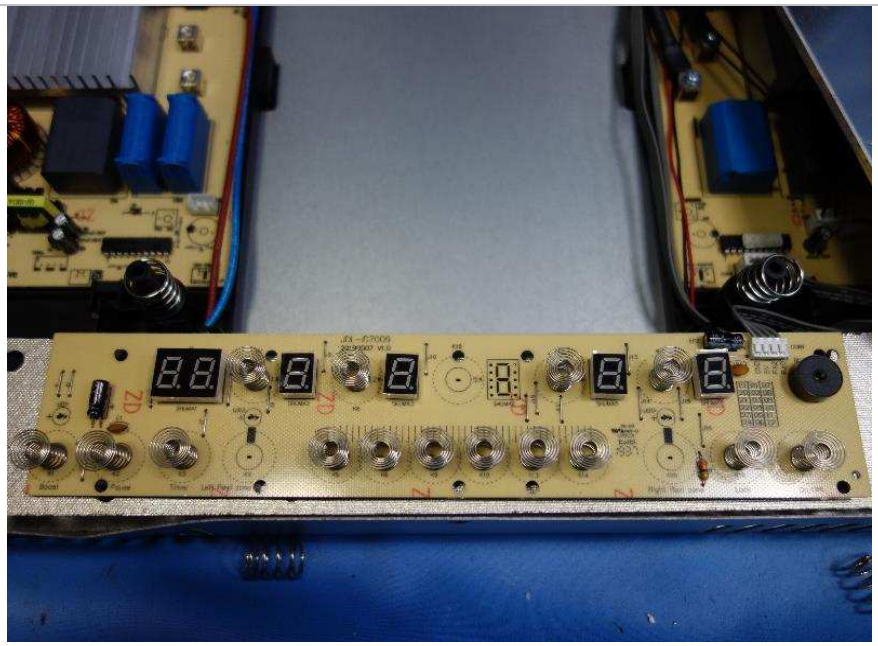
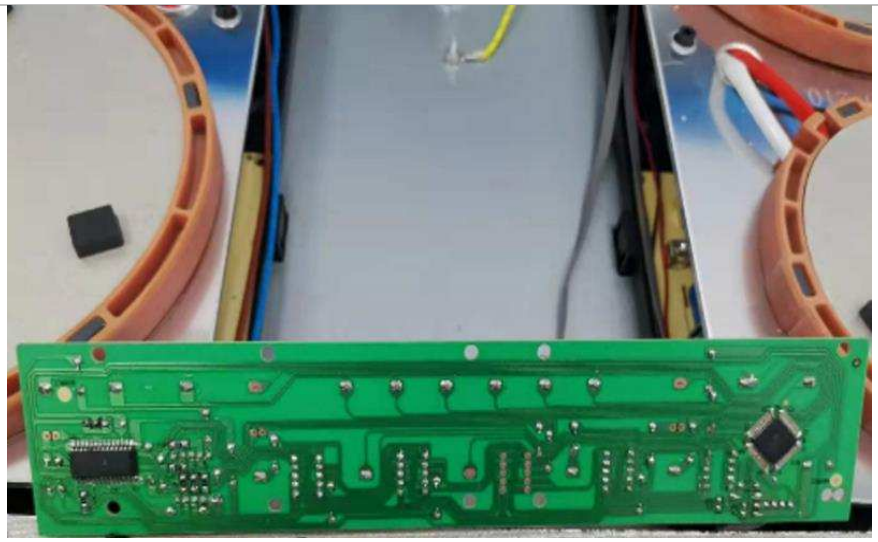
Internal view for GK-IF307209B

Internal view for GK-IF307209B


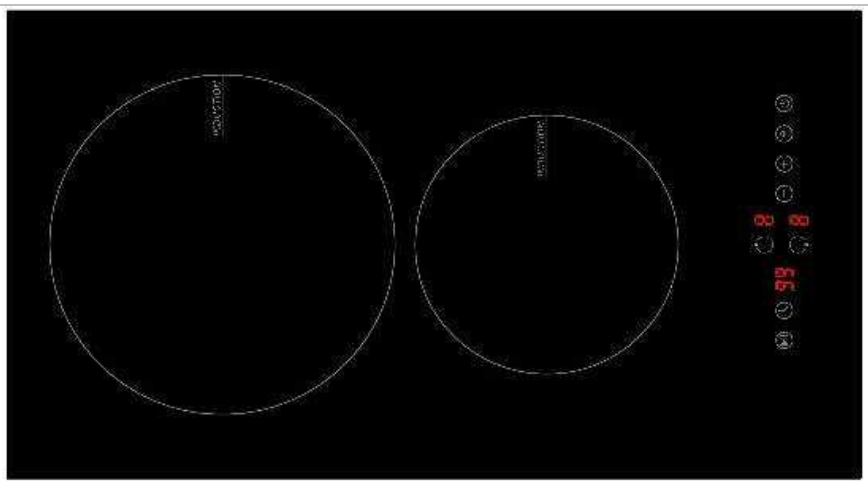
TEST REPORT

Internal view for GK-IF307209B

Internal view for GK-IF307209B


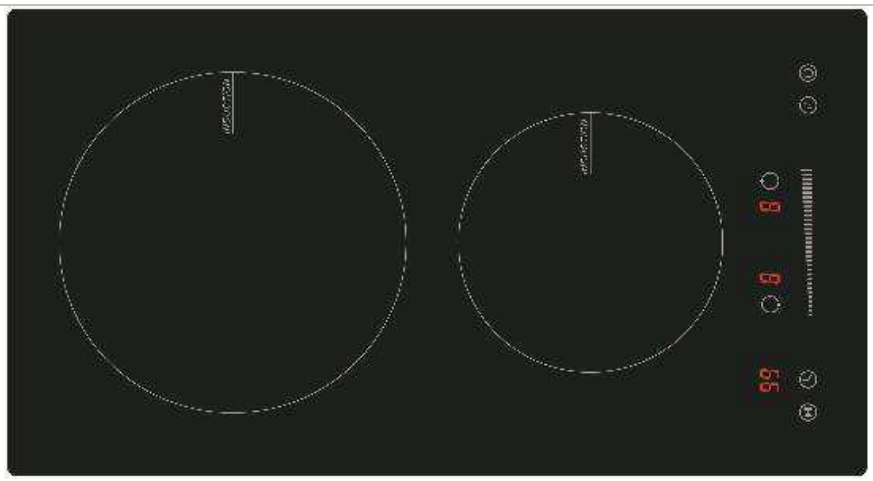
TEST REPORT

Internal view for GK-IF307209B

Internal view for GK-IF307209B


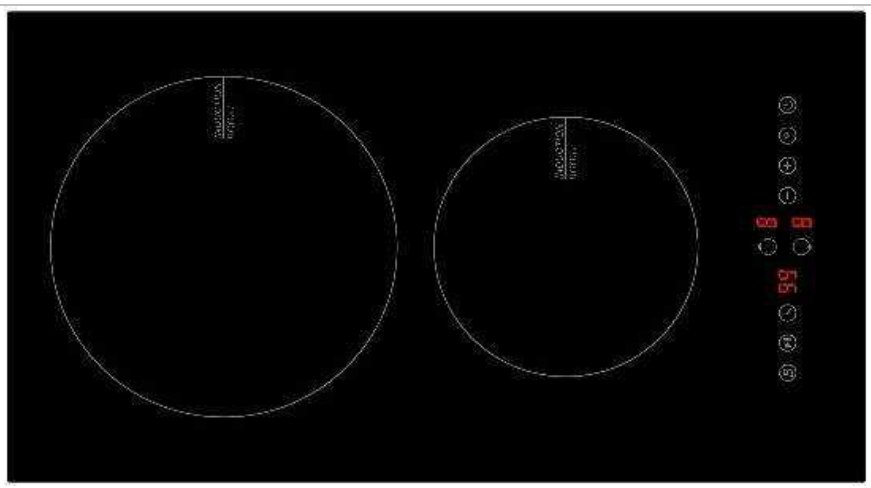
TEST REPORT

External view for GK-ID123502

External view for GK-ID123502


TEST REPORT

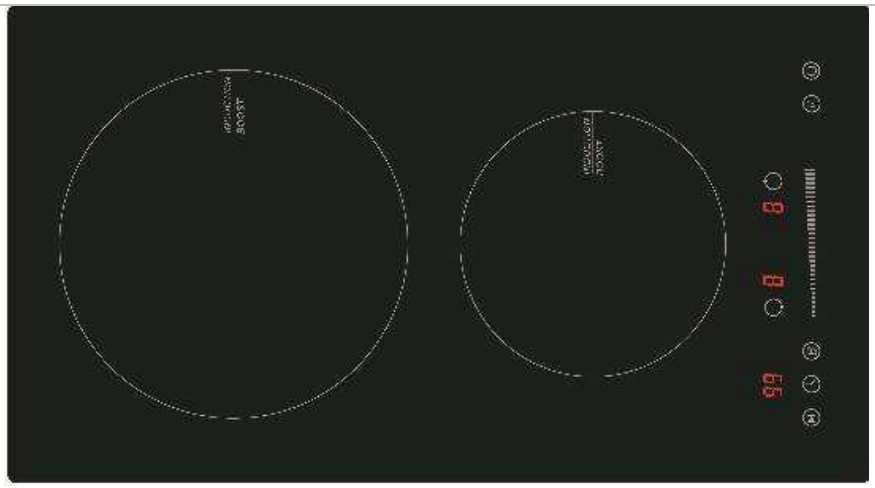
External view for GK-ID123504

External view for GK-ID123504


TEST REPORT

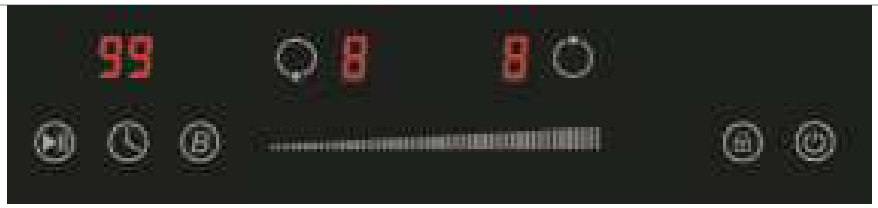
External view for GK-ID123602B

External view for GK-ID123602B


TEST REPORT

External view for GK-ID123604B

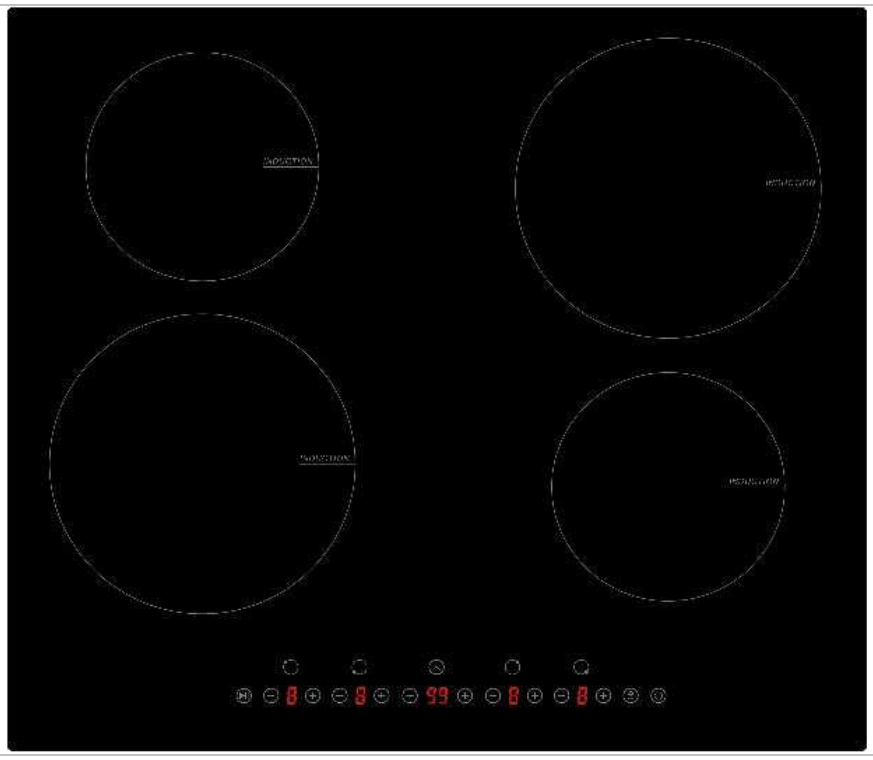


External view for GK-ID123604B



TEST REPORT

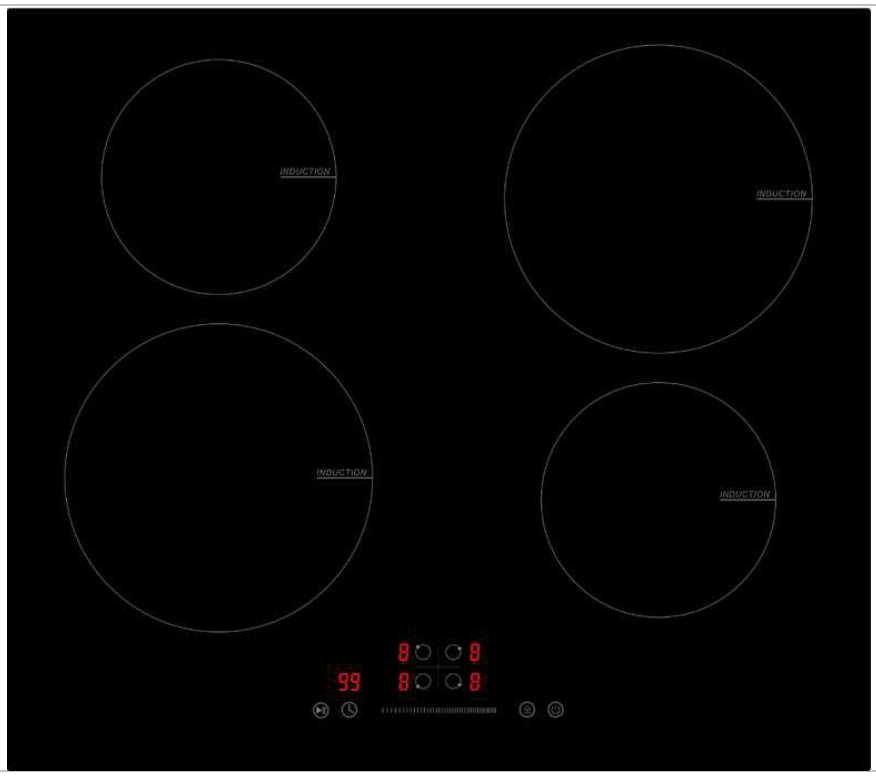
External view for GK-IF247002



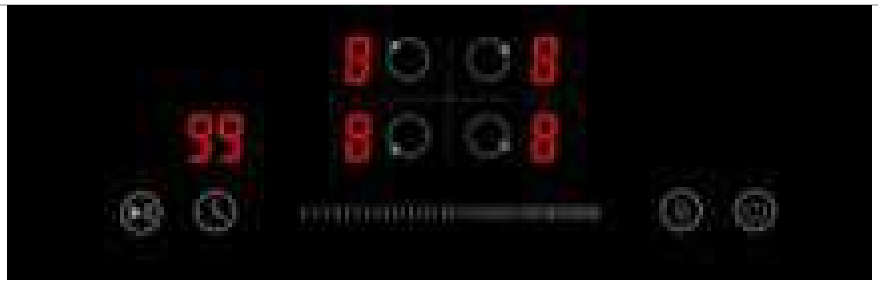
External view for GK-IF247002

TEST REPORT

External view for GK-IF247004

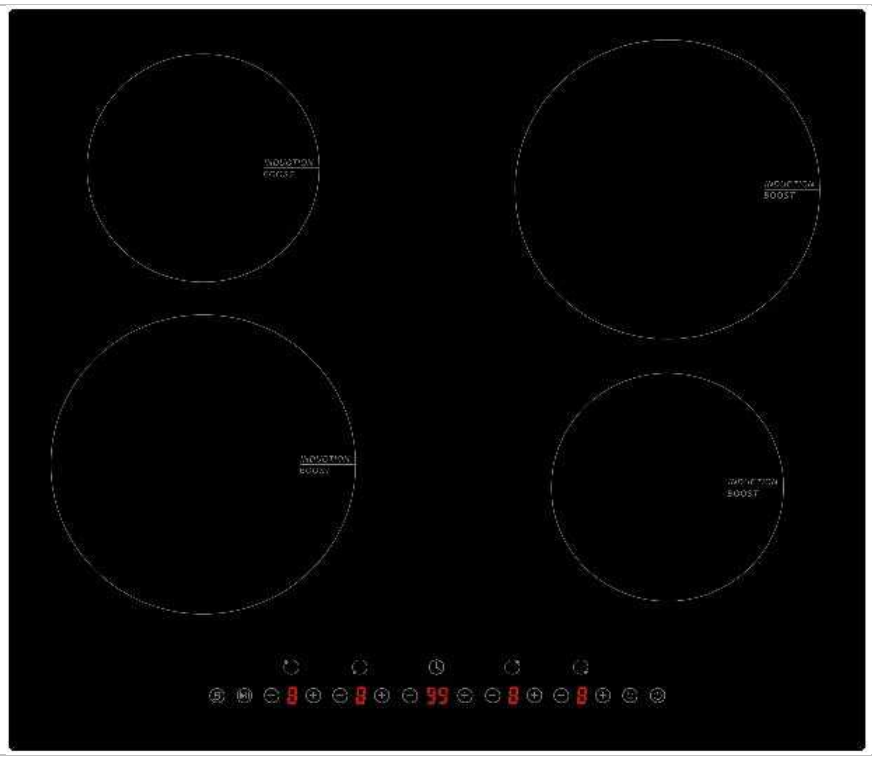


External view for GK-IF247004



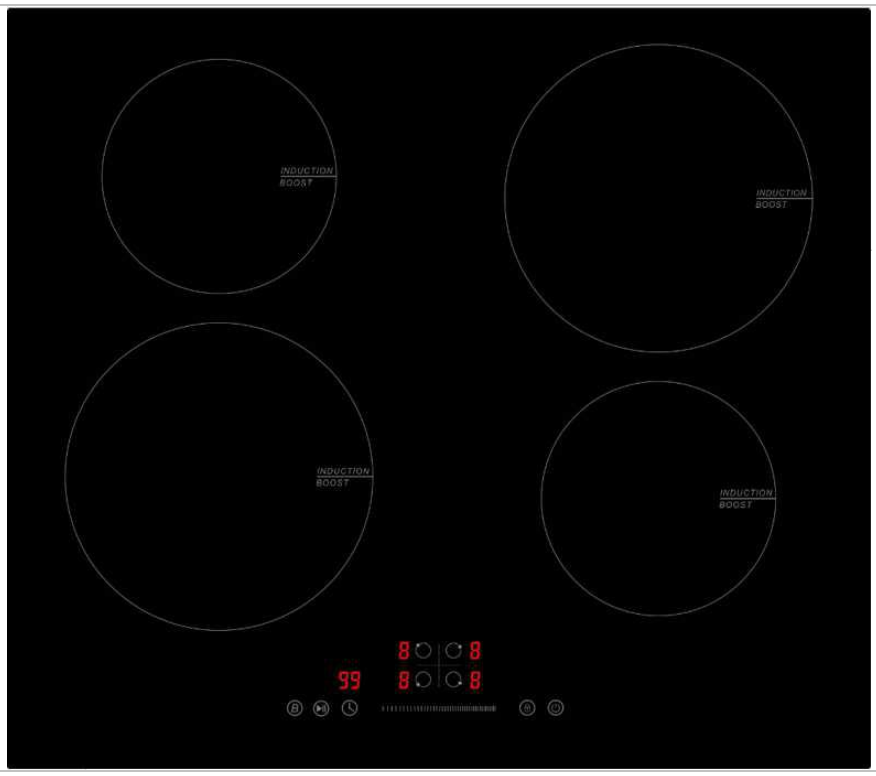
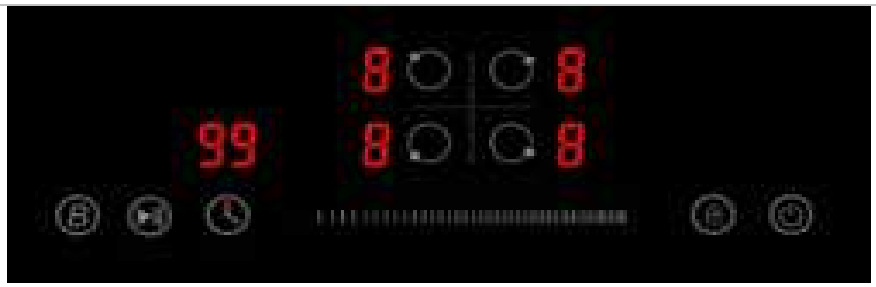
TEST REPORT

External view for GK-IF247202B



External view for GK-IF247202B

TEST REPORT

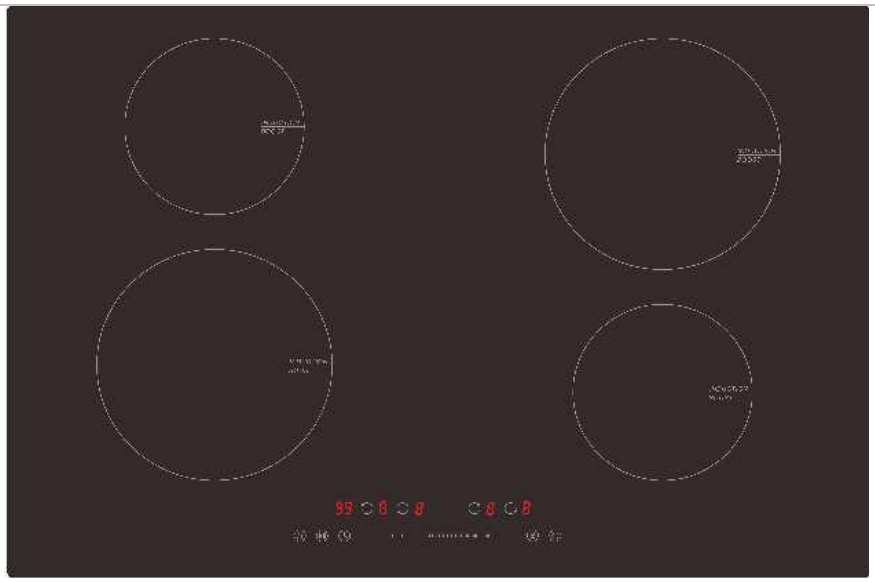
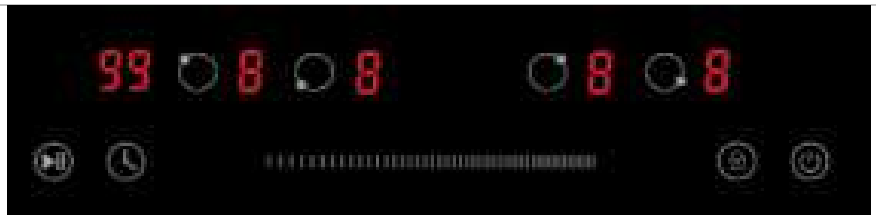
External view for GK-IF247204B

External view for GK-IF247204B


TEST REPORT

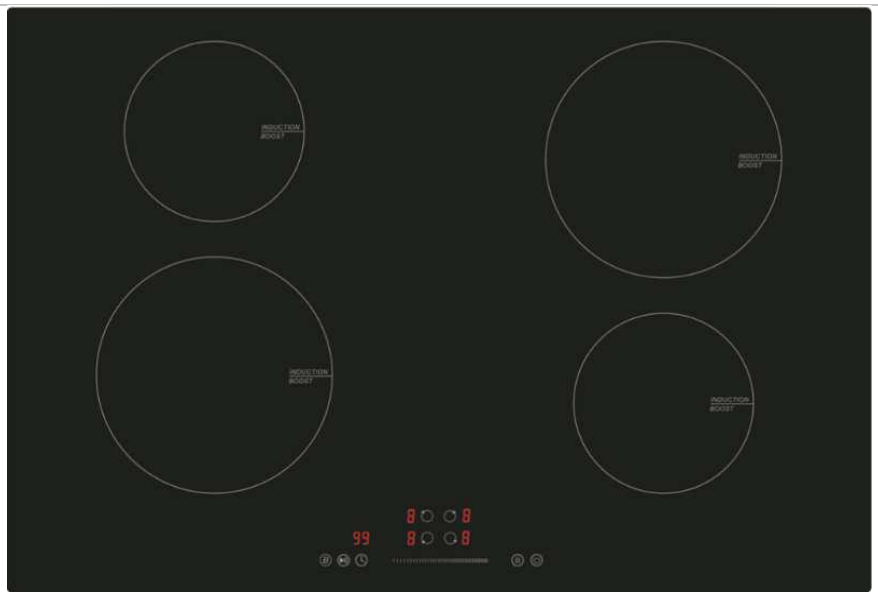
External view for GK-IF307004

External view for GK-IF307004

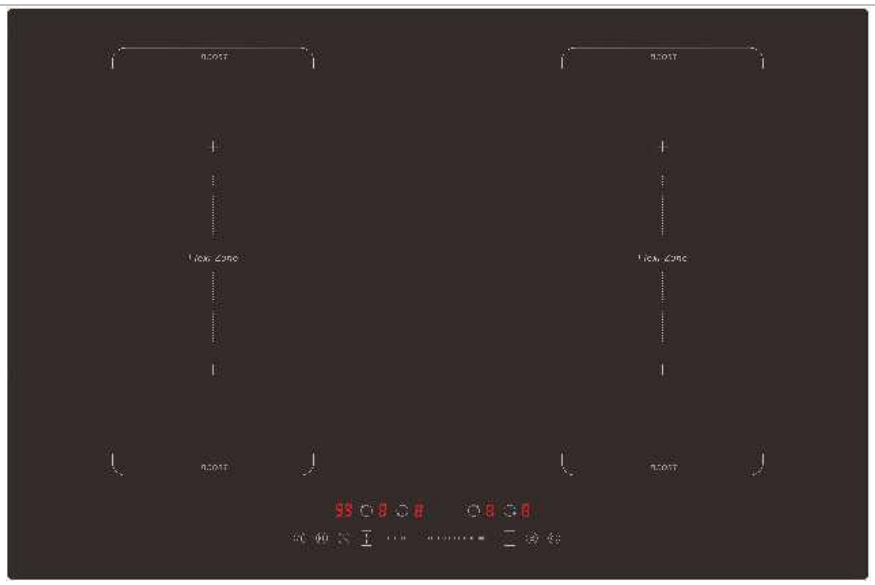

TEST REPORT

External view for GK-IF307009

External view for GK-IF307009


TEST REPORT

External view for GK-IF307204B

External view for GK-IF307204B


TEST REPORT

External view for GK-IF307209BFF

External view for GK-IF307209BFF

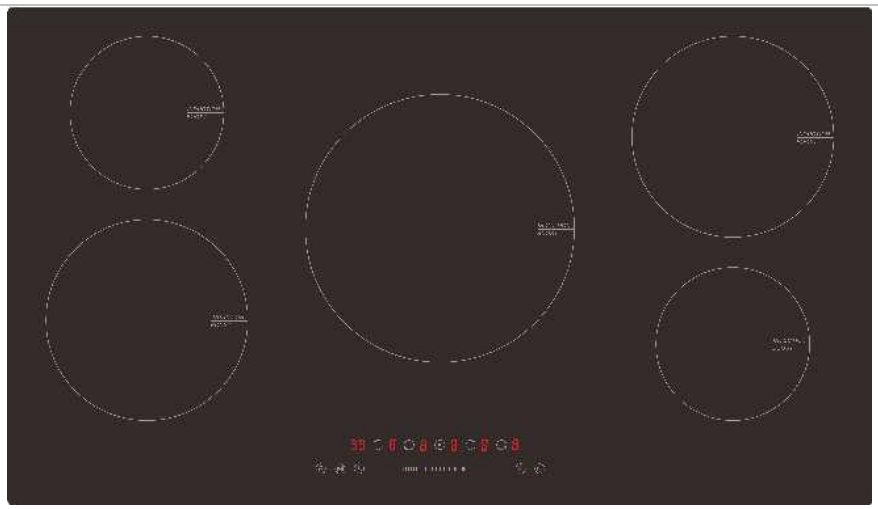

TEST REPORT

External view for GK-IV369309

External view for GK-IV369309


TEST REPORT

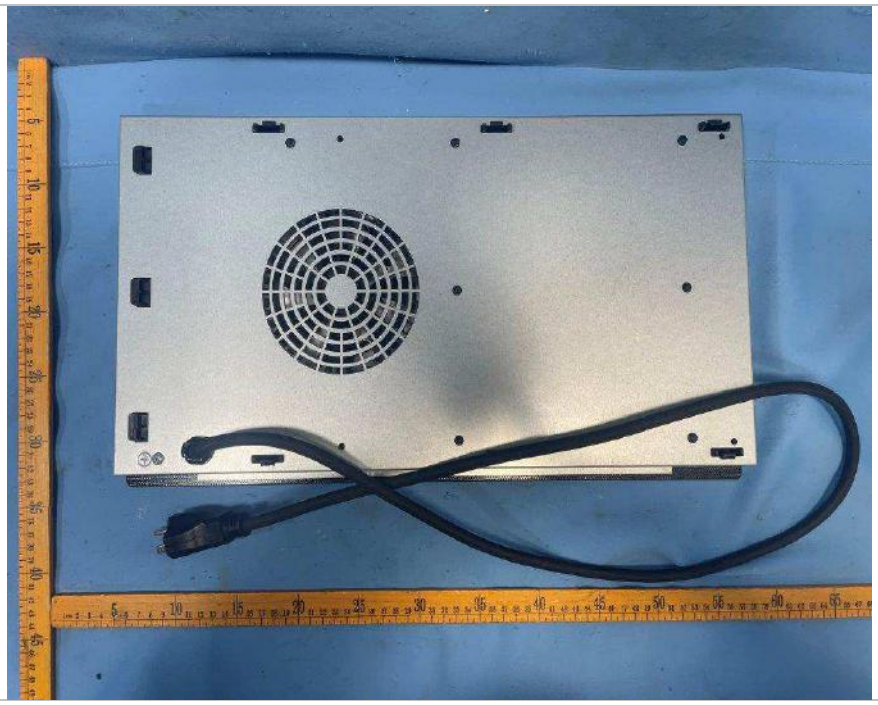
External view for GK-IV36X209B



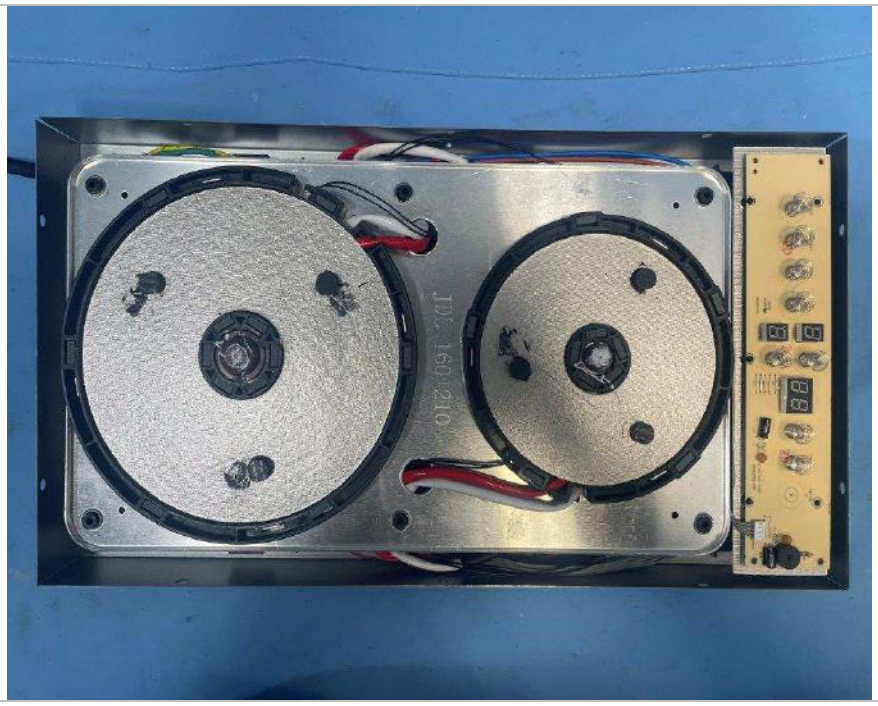
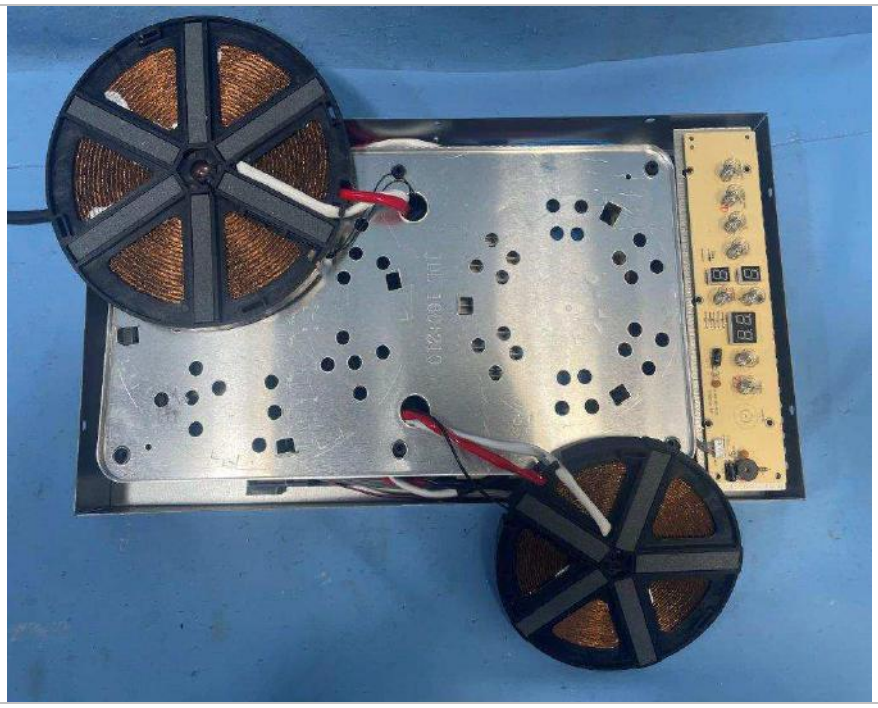
External view for GK-IV36X209B

TEST REPORT

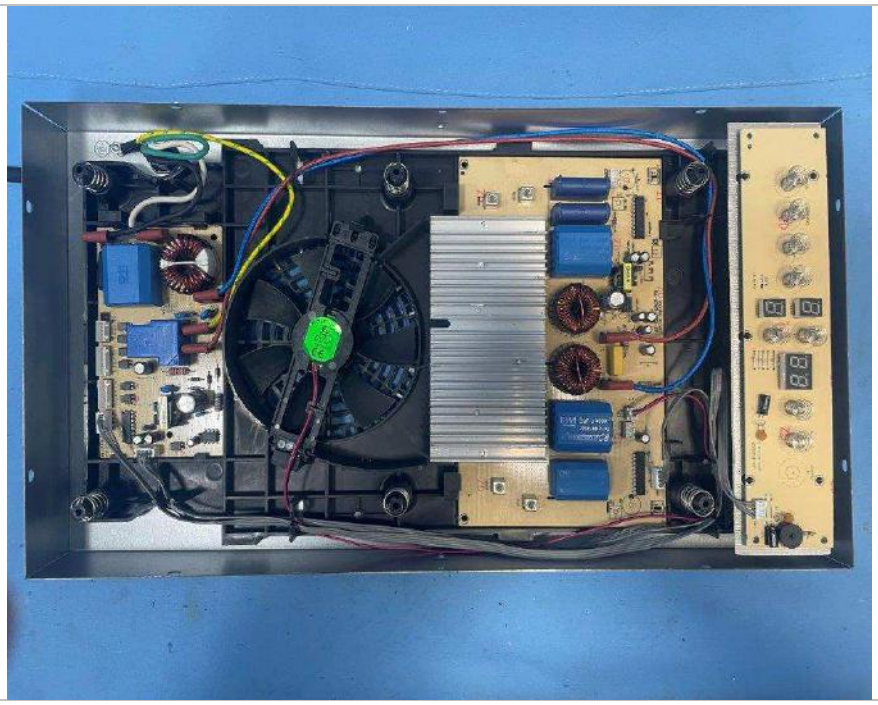
External view for GK-ID121802-P

External view for GK-ID121802-P


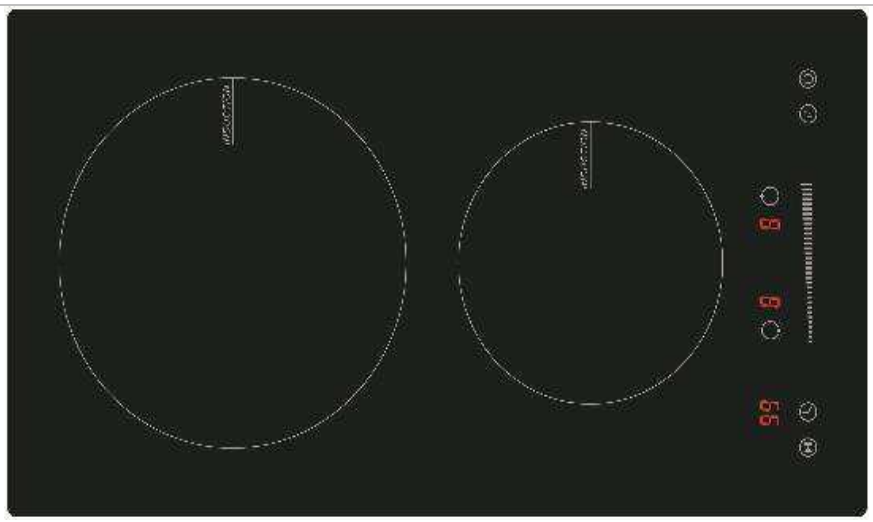
TEST REPORT

Internal view for GK-ID121802-P

Internal view for GK-ID121802-P


TEST REPORT

Internal view for GK-ID121802-P

Internal view for GK-ID121802-P


TEST REPORT

External view for GK-ID121804-P

Internal view for GK-ID121804-P


**********End of Report**********