

SECTION 2

Test Reports of Emission

(EN55032/2012, EN61000-3-2/2006+A1/2009+A2/2009, EN61000-3-3/2013)

EN55032/2012
(EN 301 489-1 V1.9.2 <8.2>)
Radiated Interference Measurement

<i>Equipment</i>	<i>Model</i>	<i>Serial No.</i>
Multi-Function Printer	TASKalfa 7052ci / 8052ci	ZA86600014
A3 Side Multi Tray	PF-7130	ZAA6600033
Side Paper Feeder	PF-7120	Z495Y00047
A3 Side Paper Feeder	PF-730	LEW6228267
	PF-740	TEST-1
Document Finisher	DF-7110	Z3T5Y00064
Punch Unit	PH-7C / PH-7D	N373411213
Multi Tray	MT-730	NB22302326
Booklet Folder	BF-730	N392Y06667
Printer NIC	IB-50	TEST-1
	IB-51	TEST-1
Wireless Network Unit	IB-35	W4C6600244
Fiery Controller	Printing System 16	P00011440
Fiery Controller Relay PWB	Printing System Interface Kit 15	TEST-1
FAX Kit	FAX System 12	V9P6600904
		V9P6600906
Ten Key Board	NK-7100	5Y22001

This test was applied as follows.

(30MHz – 1GHz)

<i>Frequency</i>	<i>Limit</i>	<i>Result</i>
30 - 230 MHz	30dB	Pass
230 - 1000 MHz	37dB	Pass

(1GHz-6GHz)

<i>Frequency</i>	<i>Limit</i>		<i>Result</i>
	<i>Average</i>	<i>Peak</i>	
1 - 3 GHz	50dB	70dB	Pass
3 - 6 GHz	54dB	74dB	Pass

We entrusted this test to Labotech International Co., Ltd.

See the attached documents for details.

EN55032/2012
(EN 301 489-1 V1.9.2 <8.4><8.7>)
Conducted Interference Measurement

<i>Equipment</i>	<i>Model</i>	<i>Serial No.</i>
Multi-Function Printer	TASKalfa 7052ci / 8052ci	ZA86600014
A3 Side Multi Tray	PF-7130	ZAA6600033
Side Paper Feeder	PF-7120	Z495Y00047
A3 Side Paper Feeder	PF-730	LEW6228267
	PF-740	TEST-1
Document Finisher	DF-7110	Z3T5Y00064
Punch Unit	PH-7C / PH-7D	N373411213
Multi Tray	MT-730	NB22302326
Booklet Folder	BF-730	N392Y06667
Printer NIC	IB-50	TEST-1
	IB-51	TEST-1
Wireless Network Unit	IB-35	W4C6600244
Fiery Controller	Printing System 16	P00011440
Fiery Controller Relay PWB	Printing System Interface Kit 15	TEST-1
FAX Kit	FAX System 12	V9P6600904
		V9P6600906
Ten Key Board	NK-7100	5Y22001

This test was applied as follows.

(AC Line)

<i>Frequency</i>	<i>Limit</i>	<i>Result</i>
0.15 - 0.5 MHz	66 - 56dB; Quasi-Peak 56 - 46dB; Average	Pass
0.5 - 5 MHz	56dB; Quasi-Peak 46dB; Average	Pass
5 - 30 MHz	60dB; Quasi-Peak 50dB; Average	Pass

(Telecommunication Line)

<i>Frequency</i>	<i>Current Limit</i>	<i>Result</i>
0.15 - 0.5 MHz	40 - 30dB; Quasi-Peak 30 - 20dB; Average	Pass
0.5 - 30 MHz	30dB; Quasi-Peak 20dB; Average	Pass

We entrusted this test to Labotech International Co., Ltd.

See the attached documents for details.

Report number: LIC 10-16-080

Project number: LIC 04-16-0486

Test standard(s)/ Test specifications: EN 55032: 2012 Class B

Manufacturer: KYOCERA Document Solutions Inc.
2-28, 1-Chome, Tamatsukuri, Chuo-ku Osaka, 540-8585, Japan

Model: MFP

Type: TASKalfa 8052ci

Serial number: ZA86600014

Power rating: 230 VAC / 50 Hz

Date of receipt of samples: 4 July 2016

Test period: From 5 July 2016 to 27 July 2016

Place of test: Labotech International Co., Ltd.
- Kishu Lab.
579-1 Umehara, Wakayama-shi, Wakayama, 640-8452 Japan

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List of Measuring/Test Instruments

RF Radiated disturbance:

(*)	C/N	Instrument	Type	S/N	Manufacturer
X	NK008	Radiated Emission Measurement Software	EP5/RE	NONE	Toyo Corp.
X	HT1080	EMI TEST RECEIVER	ESU8	100093	Rohde & Schwartz
X	HT1079	Pre-amp. (9 kHz - 1 GHz, Gain 32 dB)	310N	351302	SONOMA
X	HT755	Pre-amp. (1 GHz - 8 GHz, Gain 40 dB)	TAP0108-40	1017	Toyo Corp.
X	NK002	Biconical Antenna	BBA9106	91031121	Schwarzbeck
X	NK003	Logarithmic-Periodic Antenna	UHALP9107	1737	Schwarzbeck
X	HT758	Broadband Horn antenna (1 GHz - 6 GHz)	BBHA9120B	522	Schwarzbeck
--	HT905	Magnetic Loop Antenna	HLA6120	34698	TESEQ
X	NK001	Semi-Anechoic Chamber	KL-1	96158	TOKIN
--	HT1114	Plastic Test Table	W1500-D1000-H800	D20140127N	JSE

(*): X – indicates instruments used for the tests, -- – not used.

Conducted disturbance at mains terminals and telecommunication ports:

(*)	C/N	Item	Type	S/N	Manufacturer
X	NK009	Conducted emission measurement test software	EP5/CE	none	Toyo Corp.
X	HT1080	EMI TEST RECEIVER	ESU8	100093	Rohde & Schwartz
--	HT1081	Artificial Mains Network (LISN)	NNLK8121	8121373	Schwarzbeck
--	NK014	Artificial Mains Network (LISN)	NSLK8127	8127353	Schwarzbeck
X	HT1073	Artificial Mains Network (LISN)	NSLK8127	8127777	Schwarzbeck
X	HT1082	Impedance Stabilizing Network (ISN)	ISN T8	39163	TESEQ
--	HT1083	Impedance Stabilizing Network (ISN)	ISN T8Cat6	38885	TESEQ
X	HT1084	Impedance Stabilizing Network (ISN)	ISN ST8	39781	TESEQ
X	NK001	Semi-Anechoic Chamber	KL-1	96158	TOKIN
X	HT1114	Plastic Test Table	W1500-D1000-H800	D20140127N	JSE
--	HT1149	High pass filter	TFL-009	12-16-99	KYORITSU
X	RT215	Artificial Mains Network (LISN)	KNW-242	8-851-25	KYORITSU

(*): X – indicates instruments used for the tests, -- – not used.

★TASKalfa 8052ci (EN55032 Class B)

◎EUT

Equipment	Model	S/N	System			Manufacturer
			A	B	C	
MFP	TASKalfa 8052ci	ZA86600014	●	●	●	Kyocera Document
Side Paper Feeder	PF-7120	Z495Y00047	●	●		Kyocera Document
	PF-730	LEW6228267			●	Kyocera Document
A3 Side Multi Tray	PF-7130	ZAA6600033			●	Kyocera Document
Document Finisher	DF-7110	Z3T5Y00064	●	●	●	Kyocera Document
Multi Tray	MT-730	NB22302326	●	●	●	Kyocera Document
Booklet Folder	BF-730	N392Y06667	●	●	●	Kyocera Document
Punch Unit	PH-7	N373411213	●	●	●	Kyocera Document
FAX Kit	FAX System 12	V9P6600904	●	●	●	Kyocera Document
		V9P6600906	●			Kyocera Document
Printer NIC	IB-50	TEST-1		●		Kyocera Document
	IB-51	TEST-1			●	Kyocera Document
	IB-35	W4C6600244	●	●	●	Kyocera Document
Ten Key Board	NK-7100	5Y22001	●	●	●	Kyocera Document
Fiery Controller	Printing System 16	P00011440	●	●	●	Kyocera Document
Fiery Controller Relay PWB	Printing System Interface Kit 15	TEST-1	●	●	●	Kyocera Document
PC	Vostro 1200	29904650925	●	●	●	Dell
HUB	CentreCOM GS908XL	007613G101300195 E1	●	●	●	Allied Telesis
FAX Simulator	NSE3	10261	●	●	●	Arai Electric
FAX	ECOSYS M2535dn	ZVZ3700007	●	●	●	Kyocera Document
Telephone	TE-202	8100758A	●	●	●	TAKACHIHO
Wireless LAN Adapter	WLI-UC-G301N	420104			●	BUFFALO

◎Operation Modes

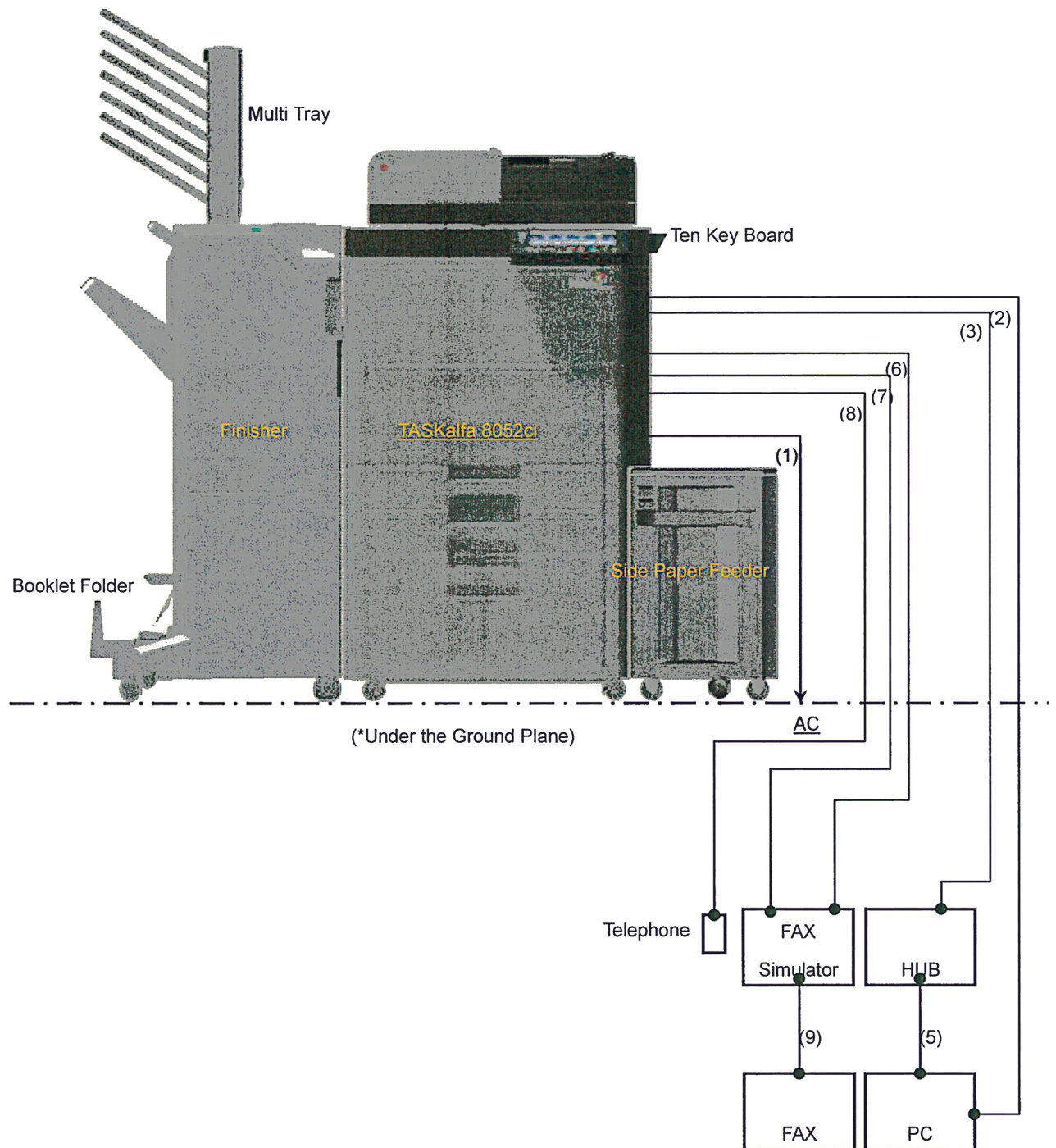
No.	Operation Mode	System	Rad.EMI		Con.EMI
			MHz	GHz	
①	Standby	A	○	○	○
②	Copy	A	○	○	○
③	USB Print + FAX TX	B	○	---	---
④	LAN Print (On Board)+ FAX RX	B	○	---	---
⑤	LAN Print (On Board) (Fiery Controller)	C	---	---	---
⑥	LAN Print (Option Wi-Fi) (Wireless)	C	---	○	---
⑦	LAN Print (On Board) (Fiery Controller) (Telecommunication Ports)	A	---	---	---
⑧	LAN Print (On Board) (Telecommunication Ports)	B	---	---	○
⑨	FAX TX (Main Port) (Telecommunication Ports)	A	---	---	○
⑩	FAX RX (Sub Port) (Telecommunication Ports)	A	---	---	○

◎Connected Cable / Cord

No.	Cable / Cord	Length	Core	Shielded	Connector
1	MFP Power Cord	2.5 m	---	---	Resinous
2	USB Cable	5 m	---	○	Metallic
3	LAN Cable(On Board) for Printer	10 m	---	○	Metallic
4	LAN Cable(Option NIC) for Printer	10 m	---	○	Metallic
5	LAN Cable for PC	1 m	---	○	Metallic
6	Modular Cord for FAX Kit (Main Port)	7 m	---	---	Resinous
7	Modular Cord for FAX Kit (Sub Port)	7 m	---	---	Resinous
8	Modular Cord for Telephone	7 m	---	---	Resinous
9	Modular Cord for FAX	3 m	---	---	Resinous

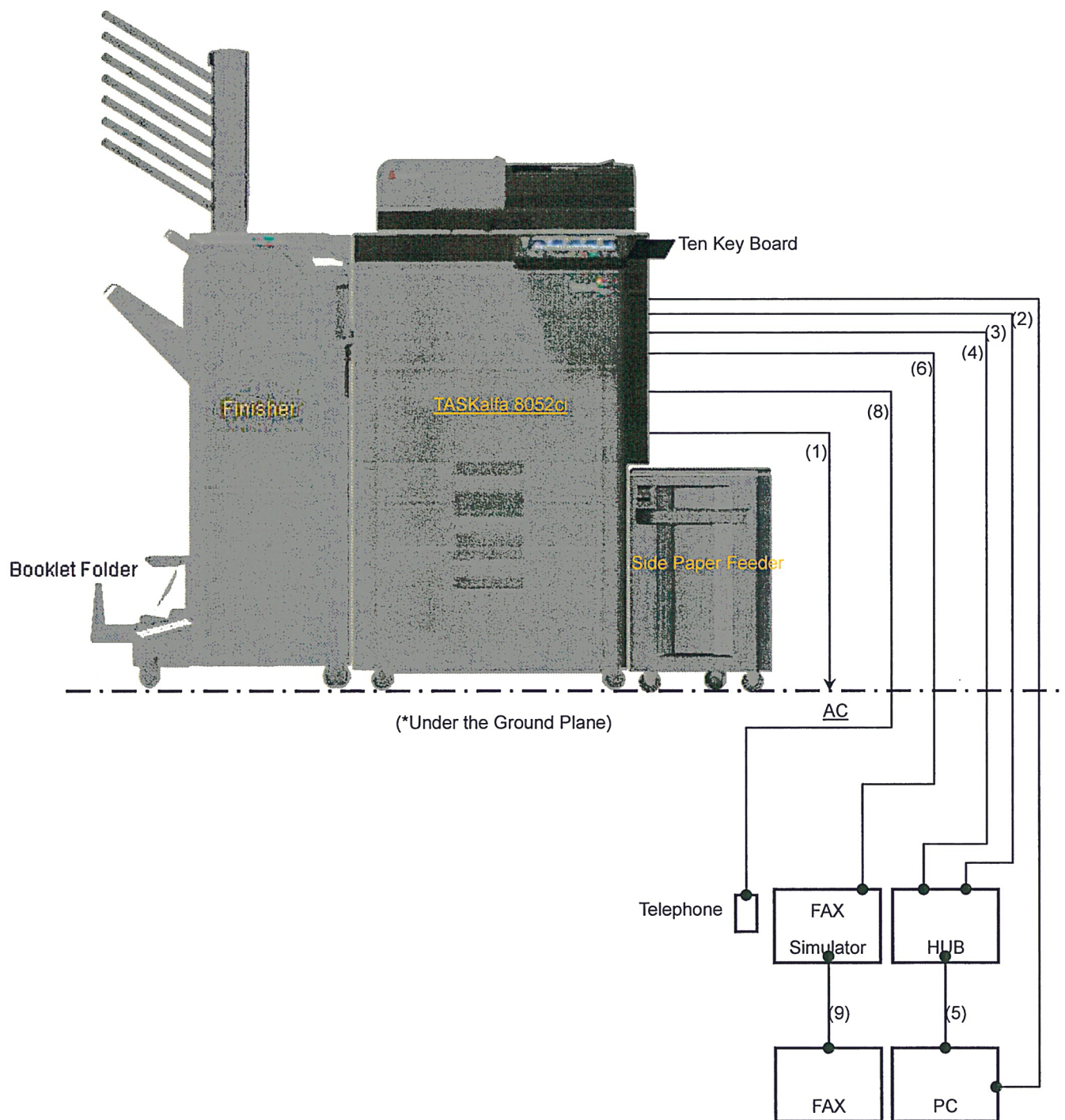
©Equipment Connection Figure

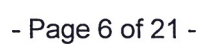
System A



©Equipment Connection Figure

System B

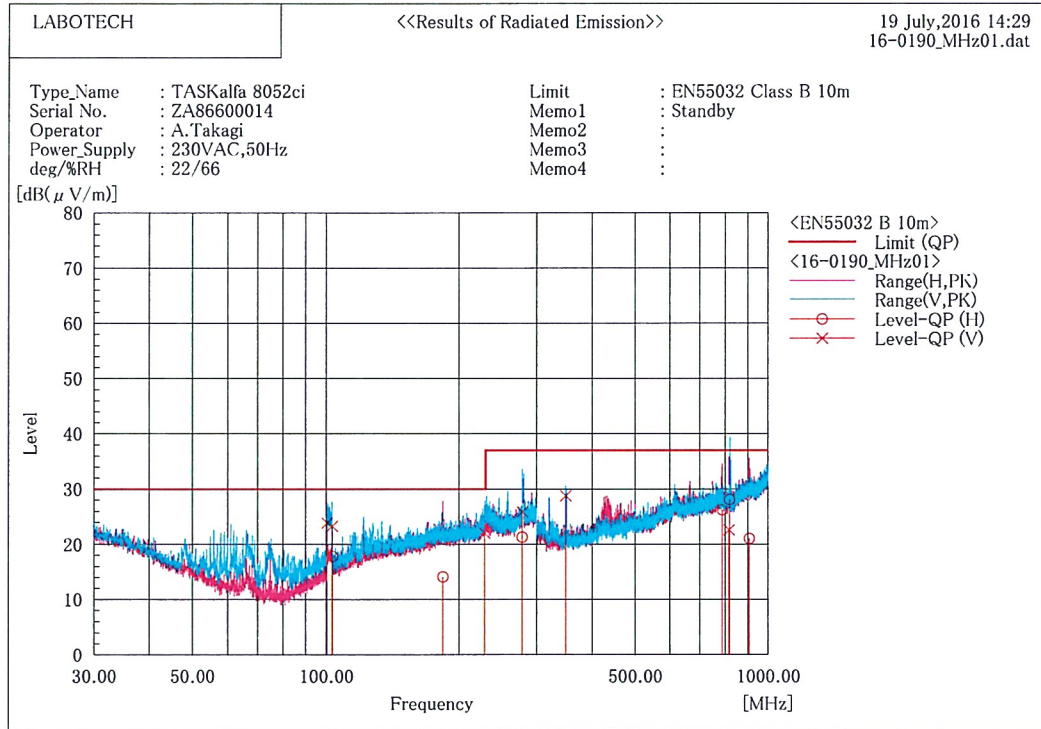


System C

Test Results

Radiated disturbance (30 – 1000 MHz)

Standby

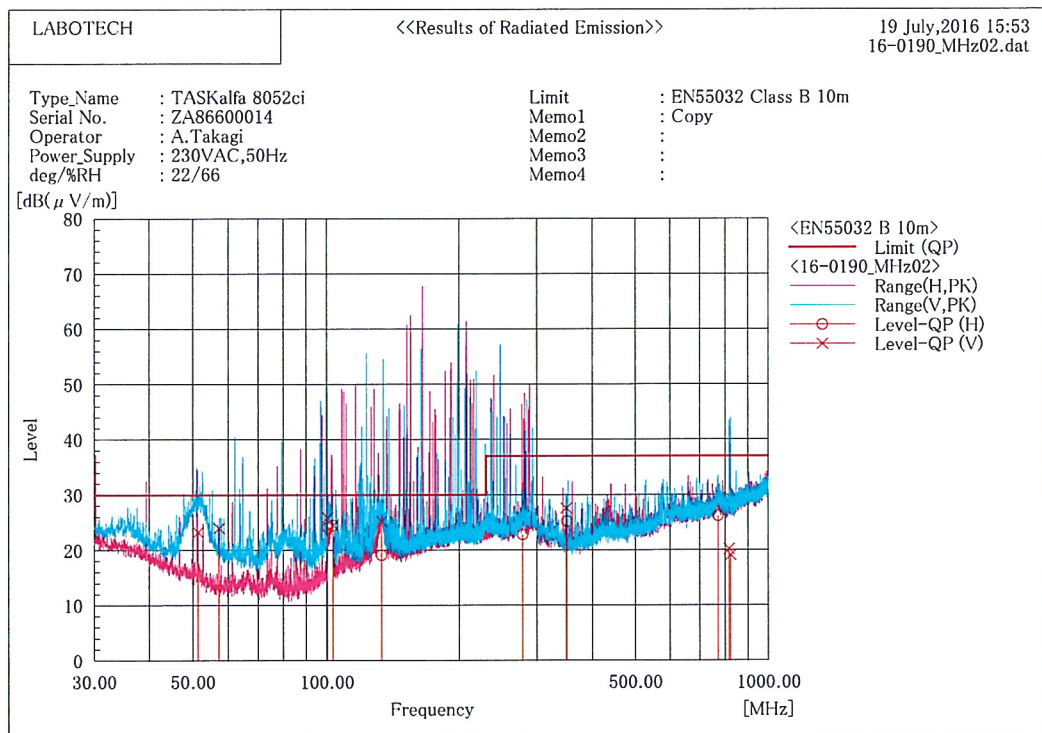


Final Result

No.	Frequency (P)	Reading	c. f	Result	Limit	Margin	Height	Angle
	[MHz]	QP [dB(μV)]	[dB(1/m)]	QP [dB(μV/m)]	QP [dB(μV/m)]	QP [dB]	[cm]	[°]
1	100.630	V 38.6	-14.7	23.9	30.0	6.1	100.0	79.0
2	103.310	V 37.5	-14.2	23.3	30.0	6.7	140.0	60.0
3	103.330	H 32.0	-14.2	17.8	30.0	12.2	400.0	303.0
4	184.103	H 22.0	-7.9	14.1	30.0	15.9	299.0	3.0
5	228.900	V 29.0	-7.0	22.0	30.0	8.0	100.0	0.0
6	278.200	H 26.5	-5.2	21.3	37.0	15.7	400.0	158.0
7	278.200	V 31.1	-5.2	25.9	37.0	11.1	100.0	181.0
8	348.570	V 38.7	-9.9	28.8	37.0	8.2	400.0	324.0
9	787.800	H 27.7	-1.5	26.2	37.0	10.8	100.0	26.0
10	816.950	V 24.0	-1.4	22.6	37.0	14.4	101.0	240.0
11	818.050	H 29.4	-1.3	28.1	37.0	8.9	366.0	324.0
12	907.950	H 20.0	1.0	21.0	37.0	16.0	100.0	337.0

Radiated disturbance (30 – 1000 MHz)

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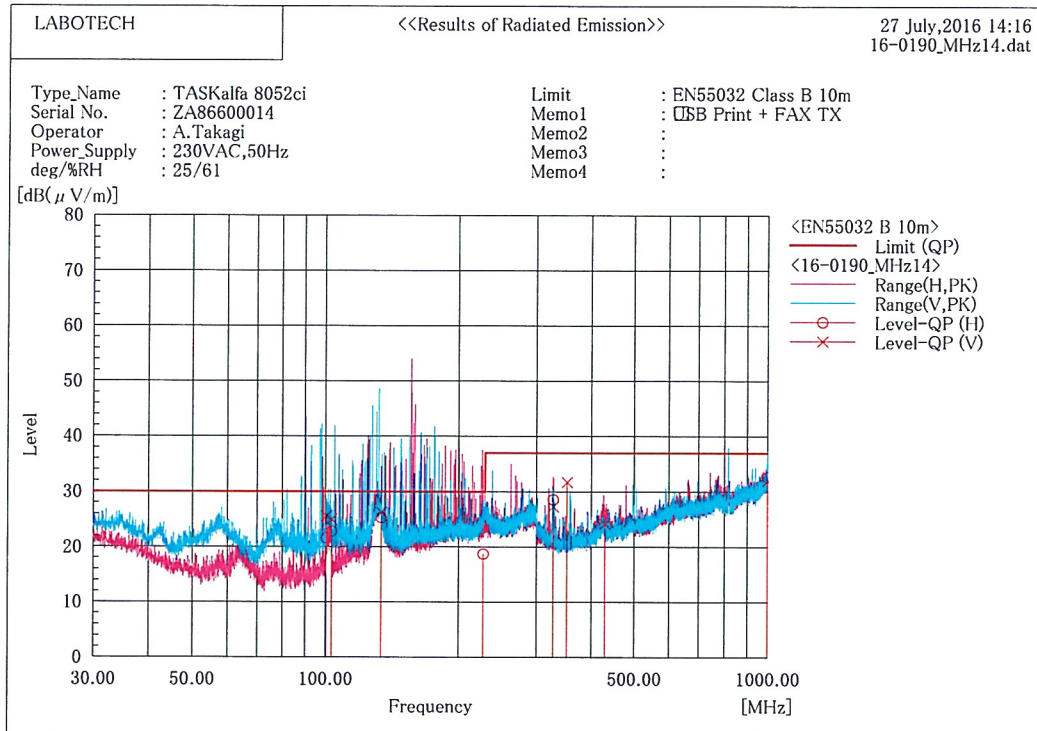


Final Result

No.	Frequency [MHz]	(P)	Reading QP [dB(μV)]	c. f [dB(1/m)]	Result QP [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP [dB]	Height [cm]	Angle [°]
1	51.310	V	38.0	-14.7	23.3	30.0	6.7	100.0	53.0
2	57.160	V	40.5	-16.5	24.0	30.0	6.0	100.0	64.0
3	100.630	H	38.8	-14.7	24.1	30.0	5.9	395.0	182.0
4	100.630	V	40.6	-14.7	25.9	30.0	4.1	100.0	72.0
5	103.330	H	38.7	-14.2	24.5	30.0	5.5	400.0	182.0
6	103.330	V	38.7	-14.2	24.5	30.0	5.5	132.0	65.0
7	133.510	H	29.6	-10.5	19.1	30.0	10.9	400.0	312.0
8	133.510	V	35.7	-10.5	25.2	30.0	4.8	100.0	81.0
9	278.200	H	28.0	-5.2	22.8	37.0	14.2	386.0	175.0
10	348.580	V	37.5	-9.9	27.6	37.0	9.4	400.0	216.0
11	349.940	H	35.1	-9.9	25.2	37.0	11.8	227.0	119.0
12	770.850	H	27.3	-1.1	26.2	37.0	10.8	113.0	46.0
13	816.775	V	21.6	-1.4	20.2	37.0	16.8	101.0	179.0
14	823.250	V	20.5	-1.4	19.1	37.0	17.9	101.0	0.0

Radiated disturbance (30 – 1000 MHz)

USB Print + FAX TX

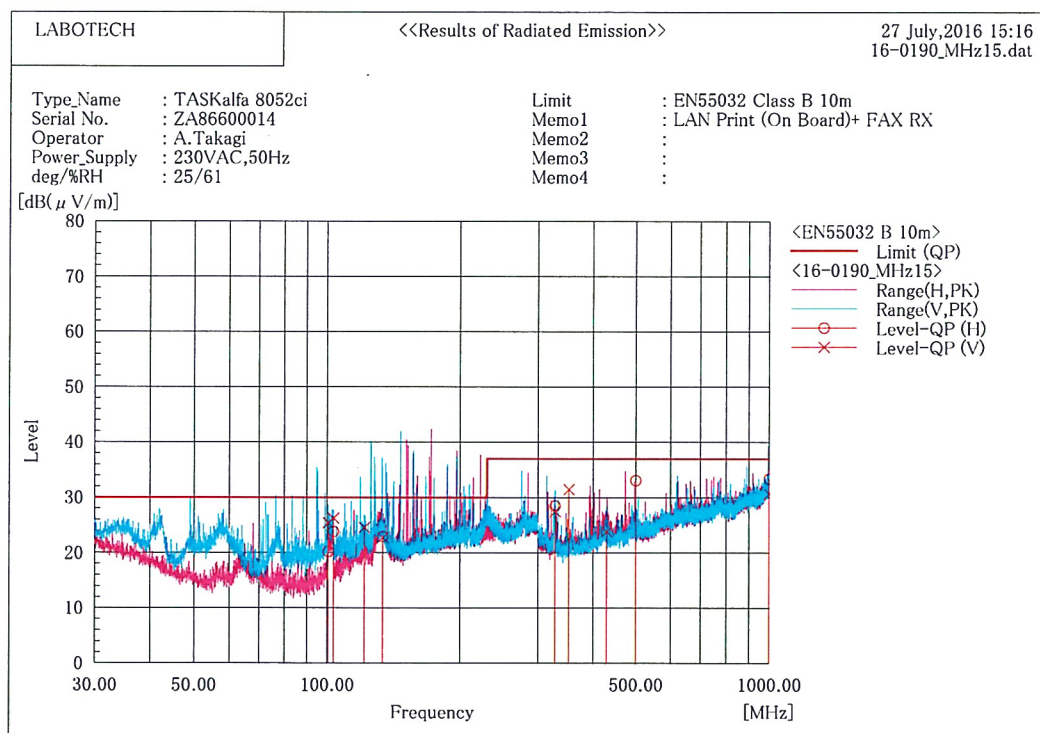


Final Result

No.	Frequency [MHz]	(P)	Reading QP [dB(μV)]	c. f [dB(1/m)]	Result QP [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP [dB]	Height [cm]	Angle [°]
1	100.600	H	36.3	-14.7	21.6	30.0	8.4	400.0	175.0
2	100.600	V	40.3	-14.7	25.6	30.0	4.4	100.0	33.0
3	103.360	H	37.0	-14.2	22.8	30.0	7.2	400.0	171.0
4	103.360	V	39.2	-14.2	25.0	30.0	5.0	100.0	23.0
5	134.070	H	35.8	-10.5	25.3	30.0	4.7	400.0	182.0
6	134.070	V	36.8	-10.5	26.3	30.0	3.7	102.0	98.0
7	227.960	H	25.8	-7.1	18.7	30.0	11.3	400.0	5.0
8	328.050	H	38.8	-10.2	28.6	37.0	8.4	224.0	75.0
9	328.050	V	37.5	-10.2	27.3	37.0	9.7	100.0	120.0
10	352.570	V	41.5	-9.8	31.7	37.0	5.3	100.0	355.0
11	429.670	V	32.2	-8.0	24.2	37.0	12.8	100.0	76.0
12	999.970	H	29.6	3.1	32.7	37.0	4.3	145.0	120.0
13	999.970	V	28.9	3.1	32.0	37.0	5.0	297.0	112.0

Radiated disturbance (30 – 1000 MHz)

LAN Print (On Board) + FAX RX

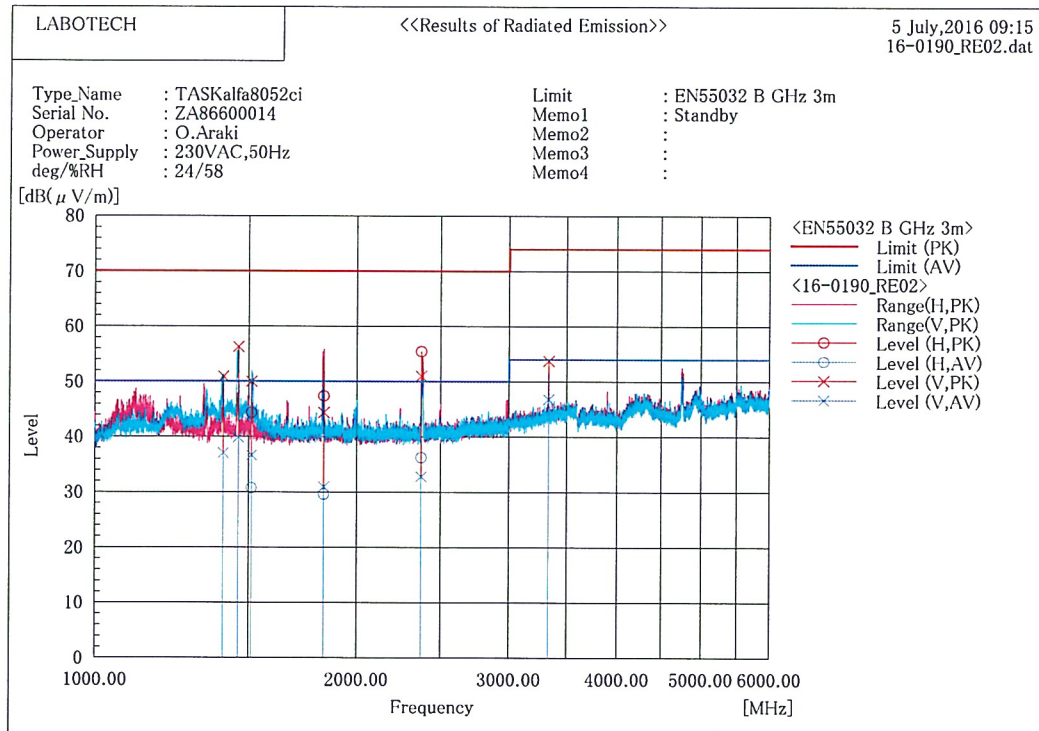


Final Result

No.	Frequency [MHz]	(P)	Reading QP [dB(μV)]	c. f [dB(1/m)]	Result QP [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP [dB]	Height [cm]	Angle [°]
1	100.600	H	34.9	-14.7	20.2	30.0	9.8	400.0	144.0
2	100.600	V	40.1	-14.7	25.4	30.0	4.6	100.0	47.0
3	103.360	H	38.0	-14.2	23.8	30.0	6.2	400.0	162.0
4	103.360	V	40.5	-14.2	26.3	30.0	3.7	100.0	32.0
5	121.510	V	36.2	-11.6	24.6	30.0	5.4	100.0	90.0
6	133.870	H	33.4	-10.5	22.9	30.0	7.1	400.0	178.0
7	133.870	V	33.2	-10.5	22.7	30.0	7.3	100.0	99.0
8	328.050	H	38.7	-10.2	28.5	37.0	8.5	223.0	64.0
9	328.050	V	37.7	-10.2	27.5	37.0	9.5	100.0	118.0
10	352.570	V	41.3	-9.8	31.5	37.0	5.5	100.0	350.0
11	429.670	V	31.9	-8.0	23.9	37.0	13.1	100.0	81.0
12	500.000	H	39.2	-6.1	33.1	37.0	3.9	239.0	199.0
13	999.970	H	30.3	3.1	33.4	37.0	3.6	132.0	128.0
14	999.970	V	27.6	3.1	30.7	37.0	6.3	325.0	112.0

Radiated disturbance (1000 – 6000 MHz)

Standby

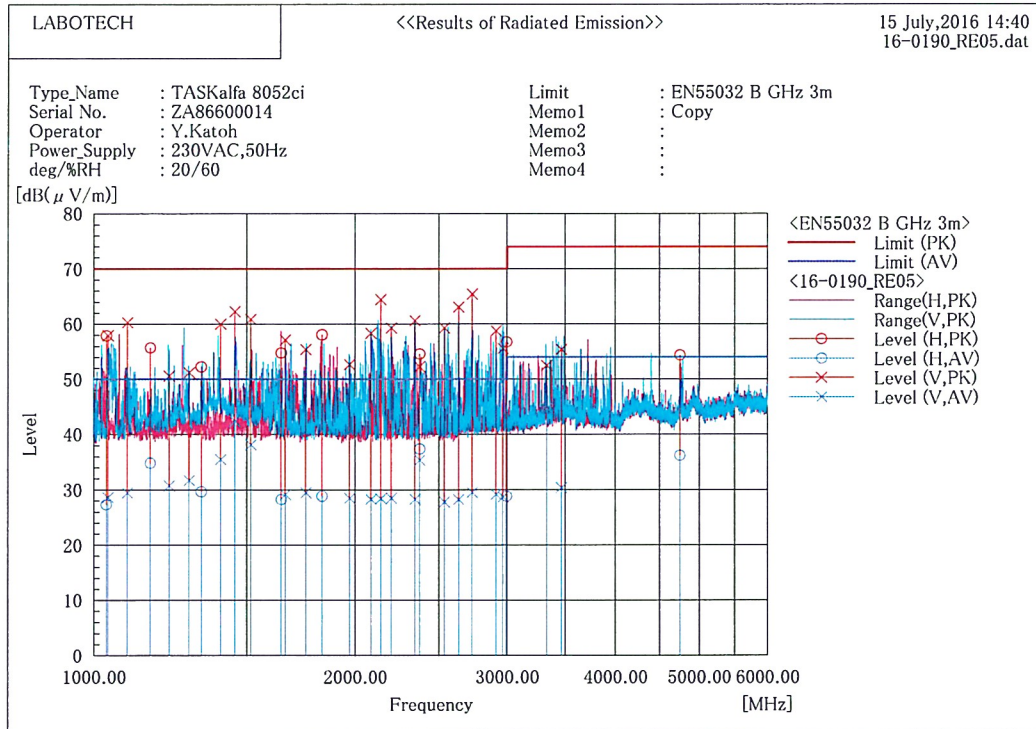


Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	Reading AV [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Result AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Margin PK [dB]	Margin AV [dB]	Height [cm]	Angle [°]
1	1400.602	V	56.4	42.6	-5.5	50.9	37.1	70.0	50.0	19.1	12.9	100.0	18.0
2	1458.589	V	61.7	45.3	-5.4	56.3	39.9	70.0	50.0	13.7	10.1	100.0	86.0
3	1510.179	V	55.4	42.0	-5.4	50.0	36.6	70.0	50.0	20.0	13.4	100.0	26.0
4	1510.179	H	49.8	36.1	-5.4	44.4	30.7	70.0	50.0	25.6	19.3	100.0	214.0
5	1832.852	H	51.9	34.1	-4.5	47.4	29.6	70.0	50.0	22.6	20.4	100.0	65.0
6	1832.852	V	48.9	35.4	-4.5	44.4	31.0	70.0	50.0	25.6	19.0	100.0	350.0
7	2374.240	H	59.8	40.5	-4.3	55.5	36.3	70.0	50.0	14.5	13.7	100.0	218.0
8	2374.240	V	55.3	37.1	-4.3	51.1	32.8	70.0	50.0	18.9	17.2	100.0	145.0
9	3333.798	V	54.4	47.4	-0.6	53.8	46.8	74.0	54.0	20.2	7.2	100.0	202.0

Radiated disturbance (1000 – 6000 MHz)

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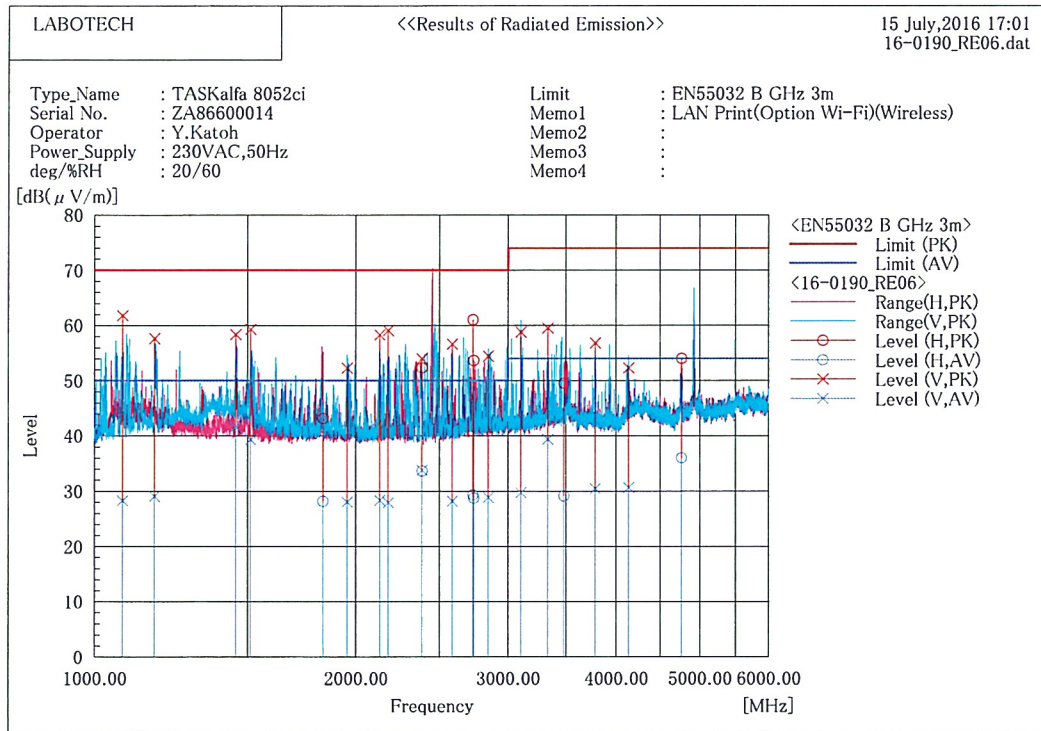


Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	Reading AV [dB(μV)]	c. f [dB(1/m)]	Result PK [dB(μV/m)]	Result AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Margin PK [dB]	Margin AV [dB]	Height [cm]	Angle [°]
1	1034.500	H	64.47	33.89	-6.56	57.91	27.33	70.0	50.0	12.1	22.7	100.0	0.0
2	1038.833	V	64.48	35.17	-6.54	57.94	28.63	70.0	50.0	12.1	21.4	100.0	22.0
3	1093.667	V	66.59	35.76	-6.31	60.28	29.45	70.0	50.0	9.7	20.5	100.0	1.0
4	1162.570	H	61.67	40.76	-5.94	55.73	34.82	70.0	50.0	14.3	15.2	100.0	160.0
5	1221.667	V	56.21	36.36	-5.58	50.63	30.78	70.0	50.0	19.4	19.2	100.0	329.0
6	1288.833	V	56.53	37.02	-5.29	51.24	31.73	70.0	50.0	18.8	18.3	100.0	0.0
7	1329.833	H	57.60	35.00	-5.33	52.27	29.67	70.0	50.0	17.7	20.3	100.0	149.0
8	1400.333	V	65.51	40.96	-5.48	60.03	35.48	70.0	50.0	10.0	14.5	100.0	20.0
9	1453.255	V	67.69	47.85	-5.41	62.28	42.44	70.0	50.0	7.7	7.6	100.0	89.0
10	1516.652	V	66.22	43.53	-5.35	60.87	38.18	70.0	50.0	9.1	11.8	100.0	72.0
11	1643.833	H	59.58	33.05	-4.79	54.79	28.26	70.0	50.0	15.2	21.7	100.0	22.0
12	1662.500	V	61.84	33.90	-4.72	57.12	29.18	70.0	50.0	12.9	20.8	100.0	22.0
13	1755.333	V	60.03	34.10	-4.62	55.41	29.48	70.0	50.0	14.6	20.5	100.0	40.0
14	1832.386	H	62.55	33.33	-4.47	58.08	28.86	70.0	50.0	11.9	21.1	100.0	358.0
15	1970.667	V	57.43	33.22	-4.76	52.67	28.46	70.0	50.0	17.3	21.5	100.0	341.0
16	2085.833	V	62.56	32.51	-4.20	58.36	28.31	70.0	50.0	11.6	21.7	100.0	22.0
17	2141.333	V	68.63	32.60	-4.17	64.46	28.43	70.0	50.0	5.5	21.6	100.0	22.0
18	2202.667	V	63.49	32.65	-4.17	59.32	28.48	70.0	50.0	10.7	21.5	100.0	39.0
19	2343.500	V	64.82	32.42	-4.14	60.68	28.28	70.0	50.0	9.3	21.7	100.0	0.0
20	2375.325	H	58.89	41.66	-4.27	54.62	37.39	70.0	50.0	15.4	12.6	100.0	168.0
21	2375.325	V	56.61	39.66	-4.27	52.34	35.39	70.0	50.0	17.7	14.6	100.0	147.0
22	2537.667	V	63.53	32.04	-4.22	59.31	27.82	70.0	50.0	10.7	22.2	100.0	335.0
23	2635.667	V	67.22	32.38	-4.14	63.08	28.24	70.0	50.0	6.9	21.8	100.0	329.0
24	2733.500	V	68.60	32.71	-3.18	65.42	29.53	70.0	50.0	4.6	20.5	100.0	0.0
25	2913.500	V	61.41	31.80	-2.65	58.76	29.15	70.0	50.0	11.2	20.8	100.0	322.0
26	2967.333	V	58.18	31.28	-2.58	55.60	28.70	70.0	50.0	14.4	21.3	100.0	0.0
27	2996.500	H	59.28	31.35	-2.51	56.77	28.84	70.0	50.0	13.2	21.2	100.0	22.0
28	3333.350	V	53.09	45.33	-0.58	52.51	44.75	74.0	54.0	21.5	9.2	100.0	186.0
29	3466.250	V	54.72	29.73	0.68	55.40	30.41	74.0	54.0	18.6	23.6	100.0	321.0
30	4751.516	H	49.83	31.61	4.57	54.40	36.18	74.0	54.0	19.6	17.8	100.0	211.0

Radiated disturbance (1000 – 6000 MHz)

LAN Print (Option Wi-Fi) (Wireless)

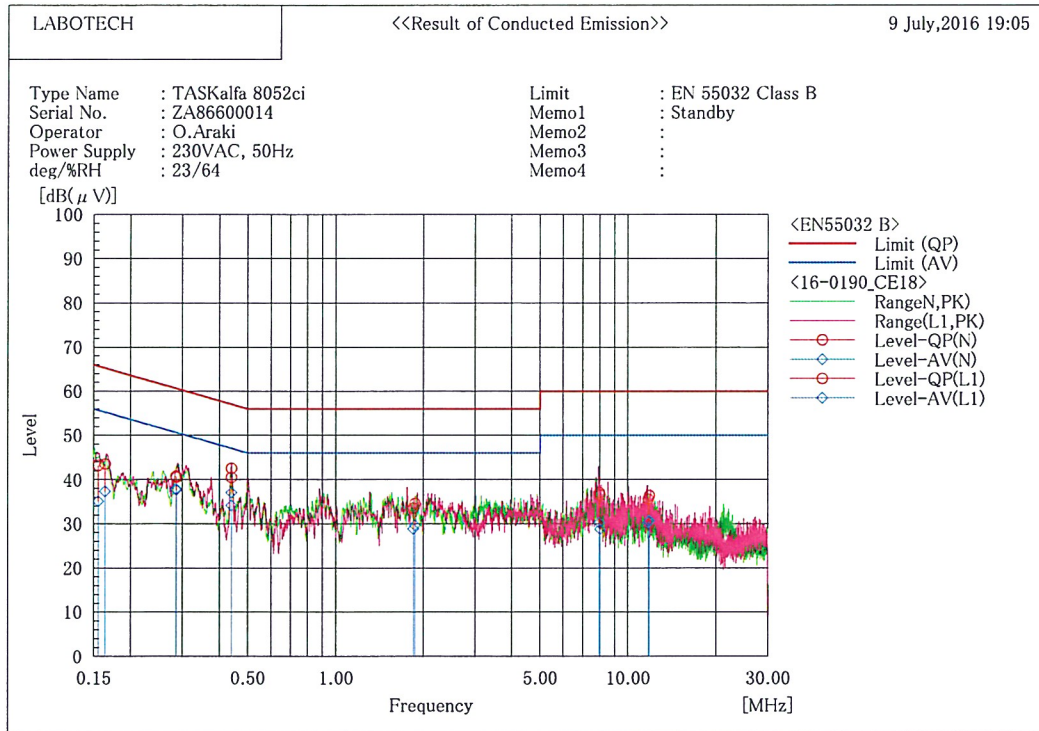


Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μ V)]	Reading AV [dB(μ V)]	c.f [dB(1/m)]	Result PK [dB(μ V/m)]	Result AV [dB(μ V/m)]	Limit PK [dB(μ V/m)]	Limit AV [dB(μ V/m)]	Margin PK [dB]	Margin AV [dB]	Height [cm]	Angle [°]
1	1077.833	V	68.22	34.70	-6.38	61.84	28.32	70.0	50.0	8.2	21.7	100.0	39.0
2	1173.833	V	63.52	34.94	-5.86	57.66	29.08	70.0	50.0	12.3	20.9	100.0	320.0
3	1452.678	V	63.81	46.97	-5.41	58.40	41.56	70.0	50.0	11.6	8.4	100.0	86.0
4	1511.012	V	64.68	44.74	-5.36	59.32	39.38	70.0	50.0	10.7	10.6	100.0	76.0
5	1832.767	H	47.64	32.63	-4.47	43.17	28.16	70.0	50.0	26.8	21.8	100.0	111.0
6	1953.333	V	57.01	32.74	-4.69	52.32	28.05	70.0	50.0	17.7	21.9	100.0	22.0
7	2129.667	V	62.50	32.50	-4.17	58.33	28.33	70.0	50.0	11.7	21.7	100.0	1.0
8	2179.833	V	63.27	32.14	-4.17	59.10	27.97	70.0	50.0	10.9	22.0	100.0	22.0
9	2385.334	V	58.29	38.12	-4.29	54.00	33.83	70.0	50.0	16.0	16.2	100.0	146.0
10	2385.334	H	56.66	37.98	-4.29	52.37	33.69	70.0	50.0	17.6	16.3	100.0	228.0
11	2586.167	V	61.08	32.67	-4.44	56.64	28.23	70.0	50.0	13.4	21.8	100.0	0.0
12	2733.500	H	64.20	32.50	-3.18	61.02	29.32	70.0	50.0	9.0	20.7	100.0	319.0
13	2738.167	H	56.87	31.95	-3.19	53.68	28.76	70.0	50.0	16.3	21.2	100.0	319.0
14	2847.000	V	57.51	31.93	-3.04	54.47	28.89	70.0	50.0	15.5	21.1	100.0	358.0
15	3104.500	V	60.49	31.40	-1.66	58.83	29.74	74.0	54.0	15.2	24.3	100.0	21.0
16	3333.353	V	60.15	40.00	-0.58	59.57	39.42	74.0	54.0	14.4	14.6	100.0	332.0
17	3482.250	H	48.76	28.35	0.81	49.57	29.16	74.0	54.0	24.4	24.8	100.0	68.0
18	3783.000	V	55.82	29.47	1.03	56.85	30.50	74.0	54.0	17.1	23.5	100.0	339.0
19	4135.750	V	49.00	27.32	3.36	52.36	30.68	74.0	54.0	21.6	23.3	100.0	339.0
20	4764.616	H	49.35	31.32	4.70	54.05	36.02	74.0	54.0	19.9	18.0	100.0	195.0

Conducted disturbance

Standby



Final Result

--- N Phase ---

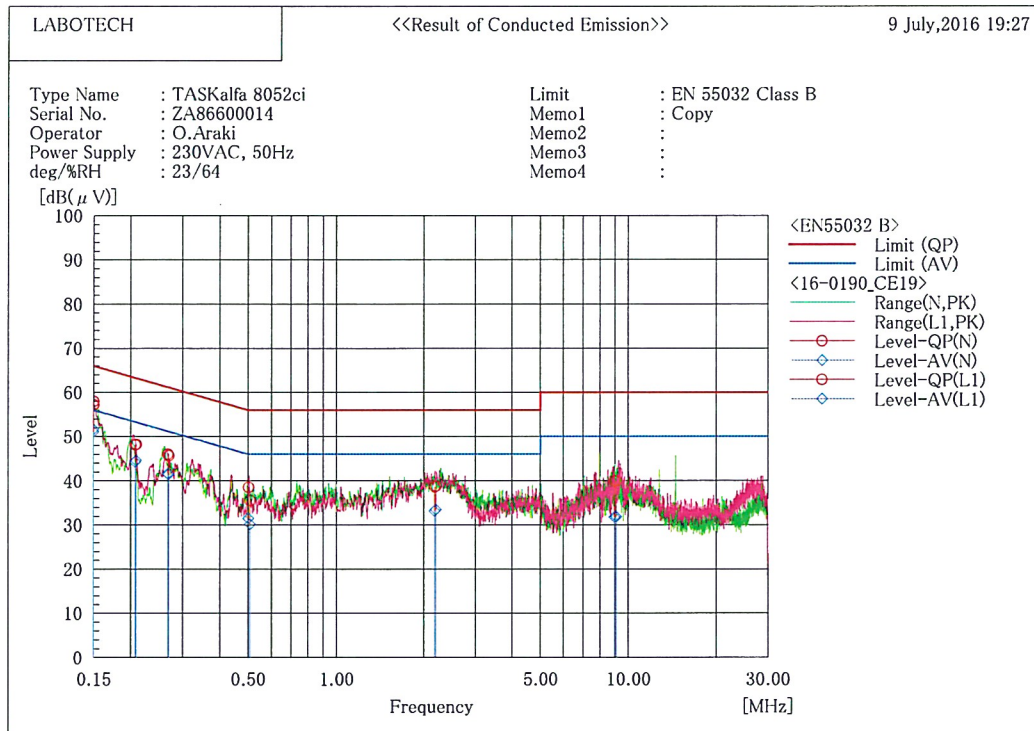
No.	Frequency	Reading QP	Reading CAV	c. f	Result QP	Result CAV	Limit QP	Limit AV	Margin QP	Margin CAV
	[MHz]	[dB(μV)]	[dB(μV)]	[dB]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB]	[dB]
1	0.15559	33.1	24.9	10.2	43.3	35.1	65.7	55.7	22.4	20.6
2	0.2859	30.6	27.7	10.2	40.8	37.9	60.6	50.6	19.8	12.7
3	0.44011	30.3	23.9	10.2	40.5	34.1	57.1	47.1	16.6	13.0
4	1.86793	24.1	19.2	10.5	34.6	29.7	56.0	46.0	21.4	16.3
5	7.99275	25.8	18.9	11.3	37.1	30.2	60.0	50.0	22.9	19.8
6	11.75115	23.9	18.7	11.7	35.6	30.4	60.0	50.0	24.4	19.6

--- L1 Phase ---

No.	Frequency	Reading QP	Reading CAV	c. f	Result QP	Result CAV	Limit QP	Limit AV	Margin QP	Margin CAV
	[MHz]	[dB(μV)]	[dB(μV)]	[dB]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB]	[dB]
1	0.16427	33.4	27.2	10.2	43.6	37.4	65.2	55.2	21.6	17.8
2	0.28621	30.3	27.4	10.2	40.5	37.6	60.6	50.6	20.1	13.0
3	0.44029	32.4	26.8	10.2	42.6	37.0	57.1	47.1	14.5	10.1
4	1.84248	23.1	18.3	10.5	33.6	28.8	56.0	46.0	22.4	17.2
5	8.0373	25.3	17.5	11.3	36.6	28.8	60.0	50.0	23.4	21.2
6	11.86917	24.7	19.0	11.7	36.4	30.7	60.0	50.0	23.6	19.3

Conducted disturbance

Copy



Final Result

--- N Phase ---

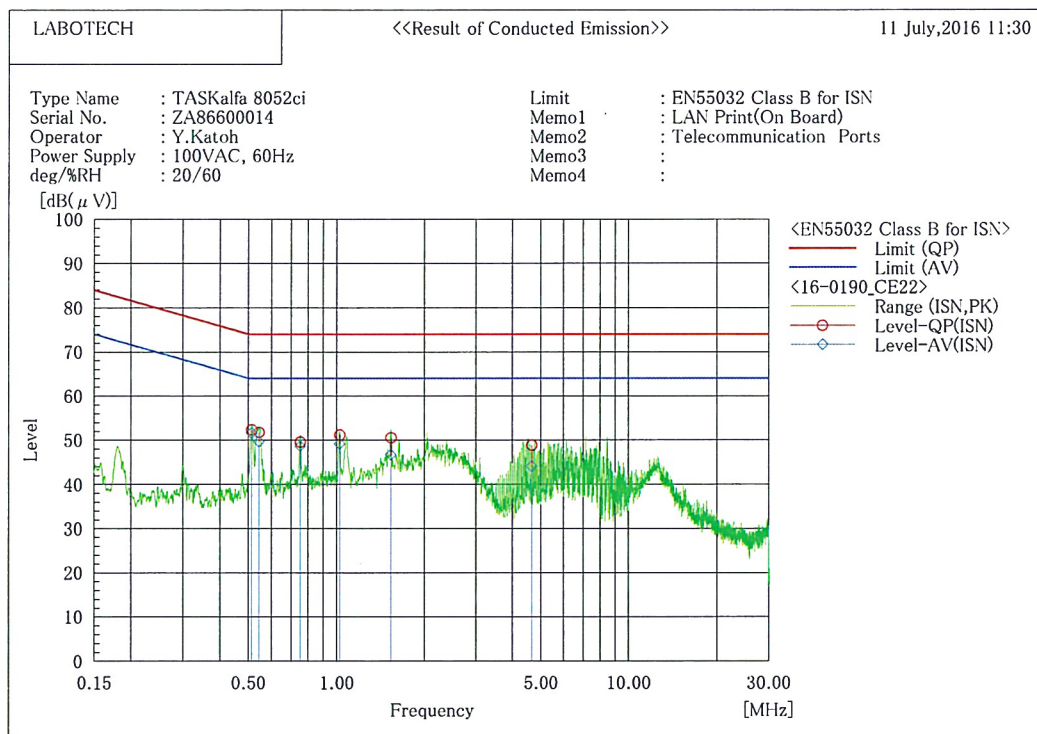
No.	Frequency	Reading QP	Reading CAV	c. f	Result QP	Result CAV	Limit QP	Limit AV	Margin QP	Margin CAV
	[MHz]	[dB(μV)]	[dB(μV)]		[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB]	[dB]
1	0.150	47.9	41.5	10.1	58.0	51.6	66.0	56.0	8.0	4.4
2	0.20975	38.1	34.4	10.2	48.3	44.6	63.2	53.2	14.9	8.6
3	0.26991	35.5	31.2	10.2	45.7	41.4	61.1	51.1	15.4	9.7
4	0.50772	25.3	19.9	10.3	35.6	30.2	56.0	46.0	20.4	15.8
5	2.20333	28.2	22.8	10.6	38.8	33.4	56.0	46.0	17.2	12.6
6	9.13401	28.6	20.4	11.4	40.0	31.8	60.0	50.0	20.0	18.2

--- L1 Phase ---

No.	Frequency	Reading QP	Reading CAV	c. f	Result QP	Result CAV	Limit QP	Limit AV	Margin QP	Margin CAV
	[MHz]	[dB(μV)]	[dB(μV)]		[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB]	[dB]
1	0.150	47.1	41.0	10.1	57.2	51.1	66.0	56.0	8.8	4.9
2	0.20806	38.0	34.0	10.2	48.2	44.2	63.3	53.3	15.1	9.1
3	0.26792	35.9	31.4	10.2	46.1	41.6	61.2	51.2	15.1	9.6
4	0.50235	28.3	21.2	10.3	38.6	31.5	56.0	46.0	17.4	14.5
5	2.17779	28.1	22.5	10.6	38.7	33.1	56.0	46.0	17.3	12.9
6	8.98734	28.7	20.5	11.3	40.0	31.8	60.0	50.0	20.0	18.2

Conducted disturbance

LAN Print (On Board) (Telecommunication Ports)

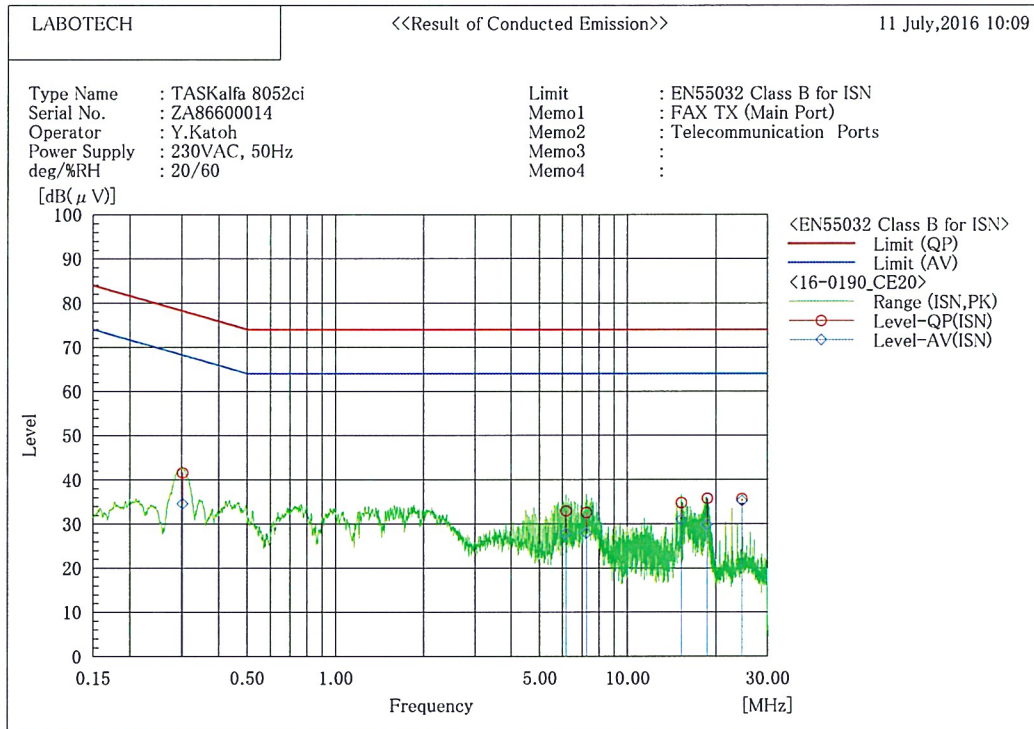


Final Result

--- ISN Phase ---										
No.	Frequency	Reading	Reading	c. f	Result	Result	Limit	Limit	Margin	Margin
	[MHz]	QP	CAV		QP	CAV	QP	AV	QP	CAV
		[dB(μV)]	[dB(μV)]		[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB]	[dB]
1	0.51317	42.6	41.8	9.8	52.4	51.6	74.0	64.0	21.6	12.4
2	0.54427	42.0	39.9	9.8	51.8	49.7	74.0	64.0	22.2	14.3
3	0.75267	39.8	38.9	9.8	49.6	48.7	74.0	64.0	24.4	15.3
4	1.02608	41.3	39.2	9.9	51.2	49.1	74.0	64.0	22.8	14.9
5	1.54085	40.6	36.8	10.0	50.6	46.8	74.0	64.0	23.4	17.2
6	4.65595	38.5	33.7	10.4	48.9	44.1	74.0	64.0	25.1	19.9

Conducted disturbance

FAX TX (Main Port) (Telecommunication Ports)

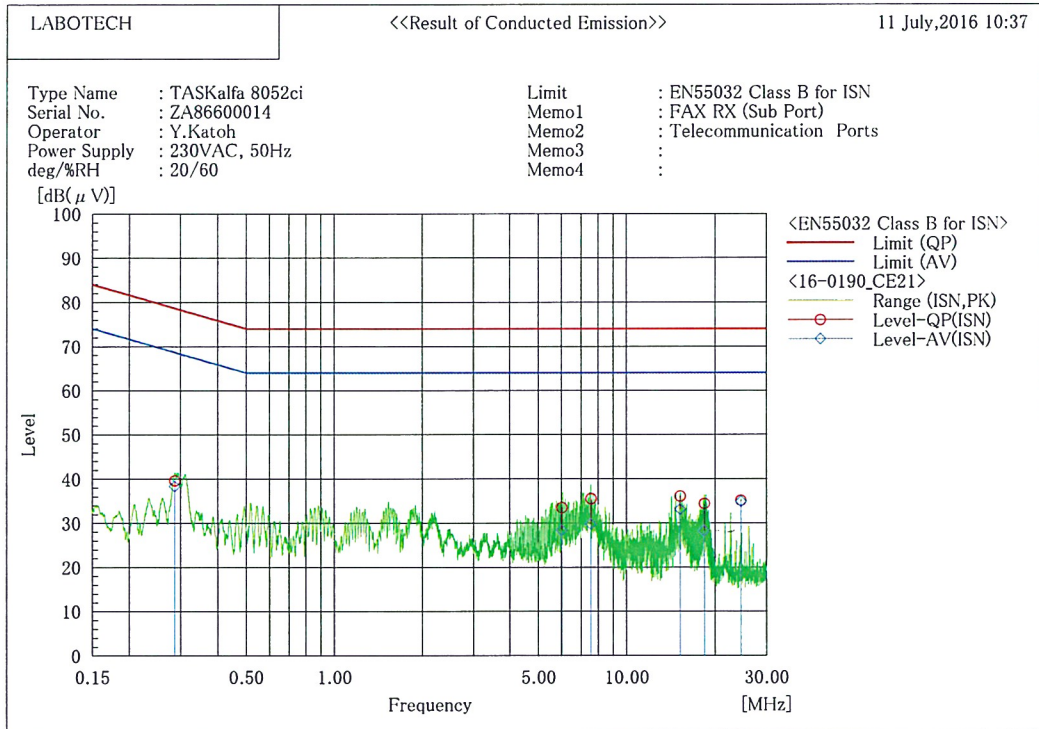


Final Result

--- ISN Phase ---										
No.	Frequency	Reading	Reading	c. f	Result	Result	Limit	Limit	Margin	Margin
	[MHz]	QP	CAV		QP	CAV	QP	AV	QP	CAV
		[dB(μV)]	[dB(μV)]		[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB]	[dB]
1	0.30171	31.8	24.7	9.8	41.6	34.5	78.2	68.2	36.6	33.7
2	6.16063	22.5	17.4	10.5	33.0	27.9	74.0	64.0	41.0	36.1
3	7.22942	22.0	17.3	10.6	32.6	27.9	74.0	64.0	41.4	36.1
4	15.27498	23.5	19.7	11.3	34.8	31.0	74.0	64.0	39.2	33.0
5	18.7079	24.1	18.2	11.7	35.8	29.9	74.0	64.0	38.2	34.1
6	24.57608	23.5	23.1	12.2	35.7	35.3	74.0	64.0	38.3	28.7

Conducted disturbance

FAX RX (Sub Port) (Telecommunication Ports)

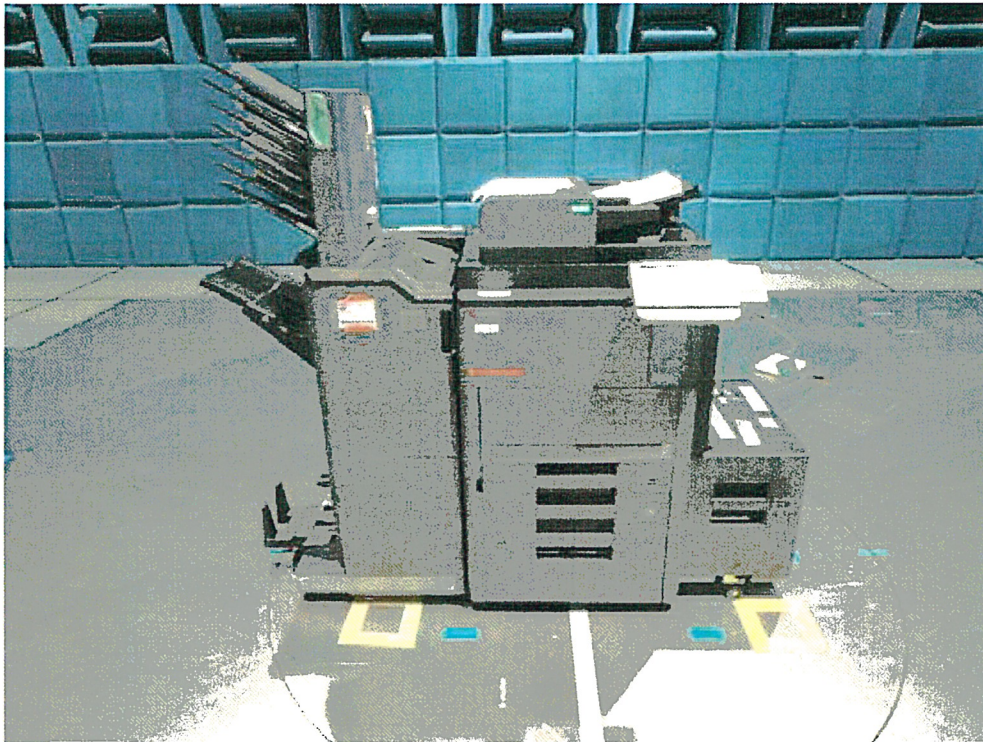


Final Result

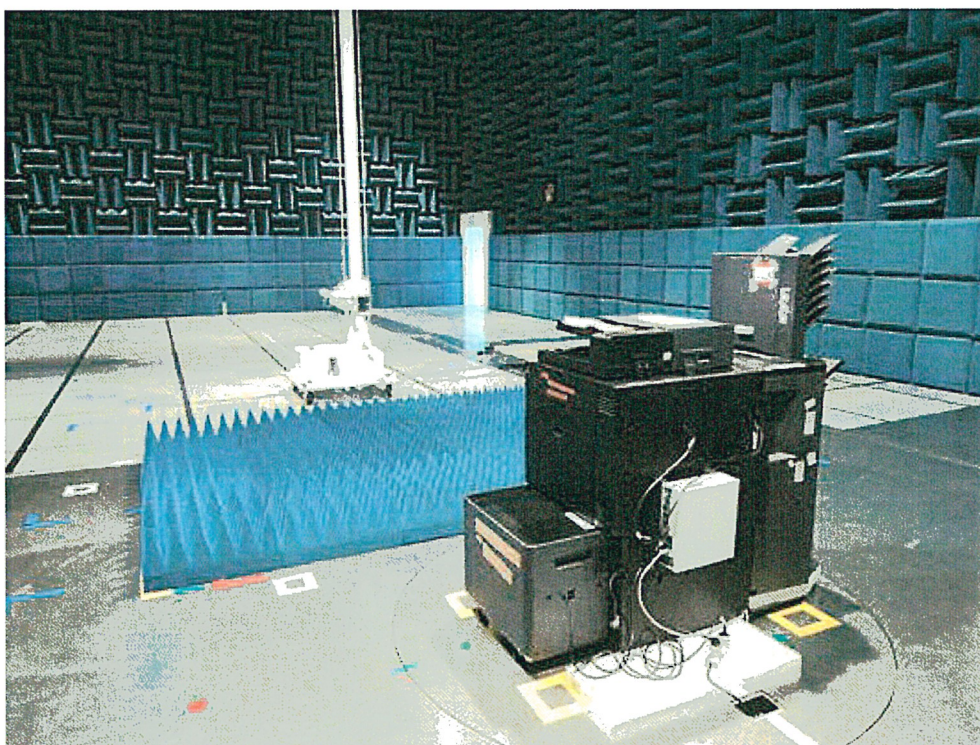
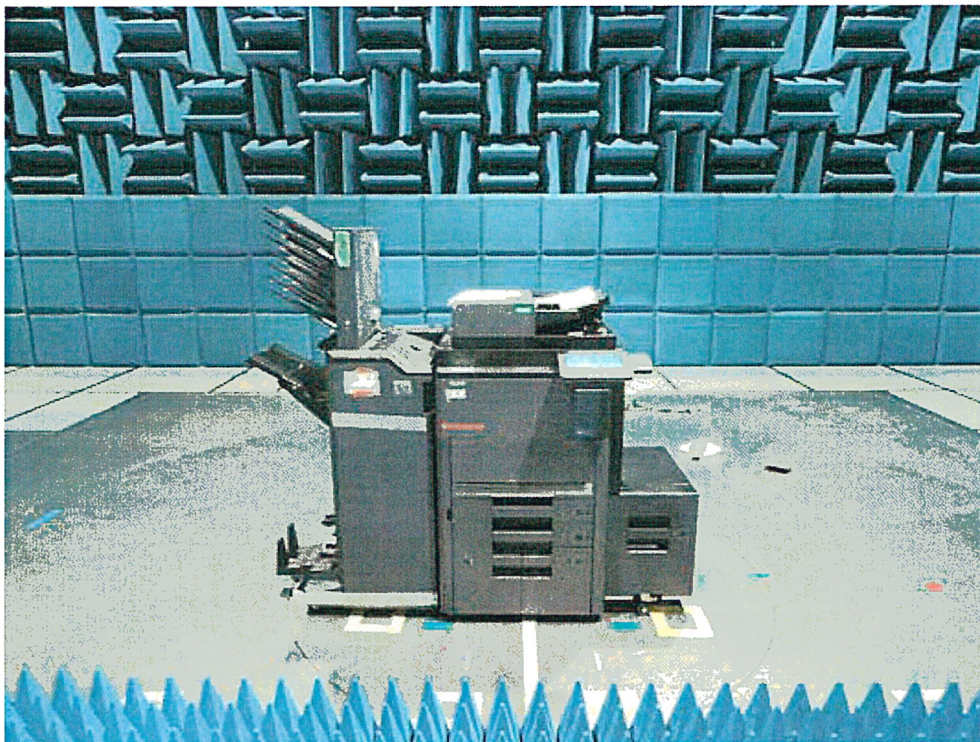
ISN Phase —										
No.	Frequency	Reading QP	Reading CAV	c. f	Result QP	Result CAV	Limit QP	Limit AV	Margin QP	Margin CAV
	[MHz]	[dB (μ V)]	[dB (μ V)]	[dB]	[dB (μ V)]	[dB (μ V)]	[dB (μ V)]	[dB (μ V)]	[dB]	[dB]
1	0.28623	29.8	28.5	9.8	39.6	38.3	78.6	68.6	39.0	30.3
2	6.02653	23.0	17.9	10.5	33.5	28.4	74.0	64.0	40.5	35.6
3	7.57662	24.8	19.1	10.7	35.5	29.8	74.0	64.0	38.5	34.2
4	15.25626	24.8	21.8	11.3	36.1	33.1	74.0	64.0	37.9	30.9
5	18.43604	22.8	16.7	11.6	34.4	28.3	74.0	64.0	39.6	35.7
6	24.57637	22.9	22.7	12.2	35.1	34.9	74.0	64.0	38.9	29.1

Photographs of Test Setup/Arrangement

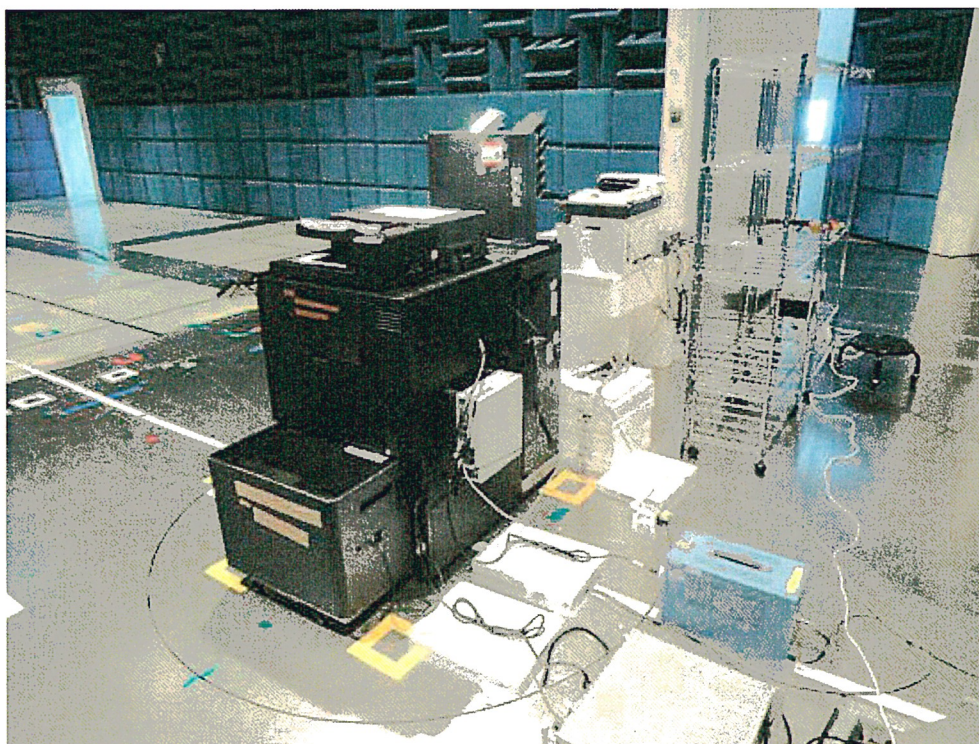
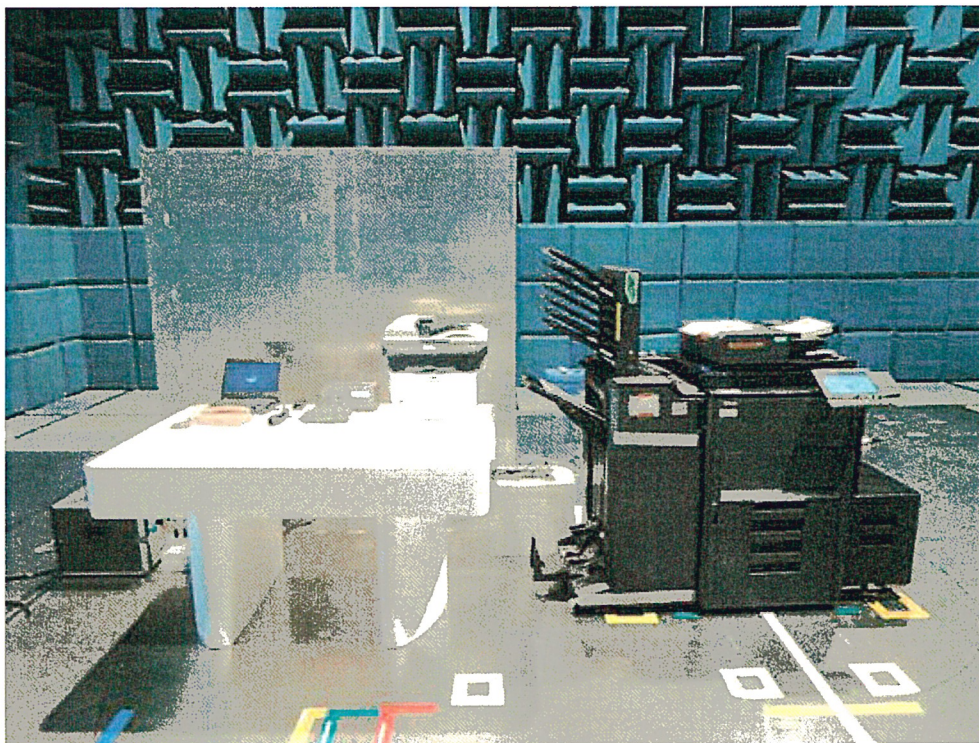
Radiated disturbance (30 – 1000 MHz)



Radiated disturbance (1000 – 6000 MHz)



Conducted disturbance



EN61000-3-2/2006+A1/2009+A2/2009
(EN 301 489-1 V1.9.2 <8.5>)

Harmonic Current Measurement

<i>Equipment</i>	<i>Model</i>	<i>Serial No.</i>
Multi-Function Printer	TASKalfa 7052ci / 8052ci	ZA86600014
A3 Side Multi Tray	PF-7130	ZAA6600033
Side Paper Feeder	PF-7120	Z495Y00047
A3 Side Paper Feeder	PF-730	LEW6228267
	PF-740	TEST-1
Document Finisher	DF-7110	Z3T5Y00064
Punch Unit	PH-7C / PH-7D	N373411213
Multi Tray	MT-730	NB22302326
Booklet Folder	BF-730	N392Y06667
Printer NIC	IB-50	TEST-1
	IB-51	TEST-1
Wireless Network Unit	IB-35	W4C6600244
Fiery Controller	Printing System 16	P00011440
Fiery Controller Relay PWB	Printing System Interface Kit 15	TEST-1
FAX Kit	FAX System 12	V9P6600904
		V9P6600906
Ten Key Board	NK-7100	5Y22001

Date : 23,24 August, 2016

Temperature : 24°C

Humidity : 55%

Atom. Pressure : 1016hPa

Testing Place : Kyocera Document Solutions CE Test Room

Power Input : AC230V, 50Hz

Tested by : Takayuki Matsuura

T. Matsuura

This test was applied as follows.

Odd-harmonics			Even-harmonics		
<i>Order (n)</i>	<i>Limit</i>	<i>Result</i>	<i>Order (n)</i>	<i>Limit</i>	<i>Result</i>
3	2.30 A	Pass			Pass
5	1.14 A				
7	0.77 A		2	1.08 A	
9	0.40 A		4	0.43 A	
11	0.33 A		6	0.30 A	
13	0.21 A		8 ≤ n ≤ 40	0.23 x 8 / n A	
15 ≤ n < 40	0.15 x 8 / n A				

Test equipment used : Analyzing System : WT3000 (Yokogawa Electric Corporation)

TASKalfa 8052ci (Average)

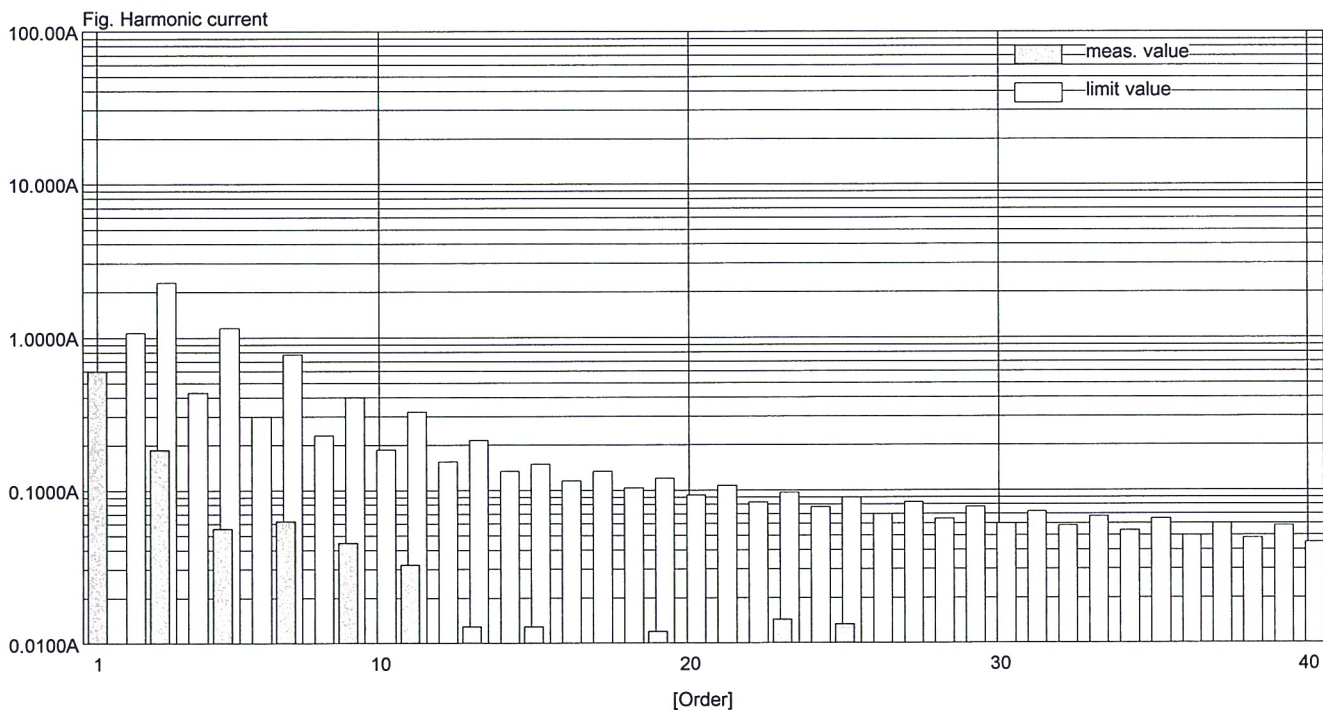
Print Date : Tue Aug 23 16:34:51 2016
 MeasureDate : Tue Aug 23 16:31:37 2016
 Comment : Standby
 (Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-2 Ed3.0 am2
 IEC61000-4-7 Ed2.0 A1
 Class : CLASS A
 MeasureTime : 150.00sec
 Model : YOKOGAWA WT3000
 Rating Voltage : 230.00 V
 Wiring : single-phase 2-wire
 Element : 1
 Range : 300V/30A
 Current(rms) : 0.6397 A
 Voltage(rms) : 229.72 V
 Frequency : 50.000 Hz
 Power Factor : 0.7477
 POHC Limit : 0.2514 A
 POHC Max : 0.0242 A
 THC : 0.2157 A

PASS

Set Fundamental I : -----
 Set Power Factor : -----
 Set P : -----
 Sigma W Max : 113.7738 W
 Sigma PF : 0.7477
 Distortion factor(V) : 0.06 %
 V THDS : 0.07 %
 V THDG : 0.07 %
 Distortion factor(A) : 35.82 %
 A THDS : 35.82 %
 A THDG : 35.82 %
 P THD : 0.02 %
 Power Limit : 75 W

Order	Measure[A]	Limit[A]	Margin[%]	Order	Measure[A]	Limit[A]	Margin[%]
1	0.6022			2	0.0033	1.0800	99.7
3	0.1876	2.3000	91.8	4	0.0030	0.4300	99.3
5	0.0571	1.1400	95.0	6	0.0024	0.3000	99.2
7	0.0619	0.7700	92.0	8	0.0015	0.2300	99.3
9	0.0448	0.4000	88.8	10	0.0006	0.1840	99.7
11	0.0333	0.3300	89.9	12	0.0005	0.1533	99.7
13	0.0126	0.2100	94.0	14	0.0006	0.1314	99.6
15	0.0129	0.1500	91.4	16	0.0007	0.1150	99.4
17	0.0057	0.1324	95.7	18	0.0008	0.1022	99.2
19	0.0122	0.1184	89.7	20	0.0009	0.0920	99.1
21	0.0050	0.1071	95.3	22	0.0006	0.0836	99.3
23	0.0144	0.0978	85.3	24	0.0004	0.0767	99.5
25	0.0132	0.0900	85.3	26	0.0005	0.0708	99.3
27	0.0024	0.0833	97.2	28	0.0007	0.0657	98.9
29	0.0054	0.0776	93.0	30	0.0008	0.0613	98.7
31	0.0068	0.0726	90.6	32	0.0008	0.0575	98.7
33	0.0051	0.0682	92.6	34	0.0007	0.0541	98.7
35	0.0045	0.0643	93.0	36	0.0006	0.0511	98.8
37	0.0052	0.0608	91.5	38	0.0005	0.0484	98.9
39	0.0035	0.0577	94.0	40	0.0006	0.0460	98.8



TASKalfa 8052ci (Maximum)

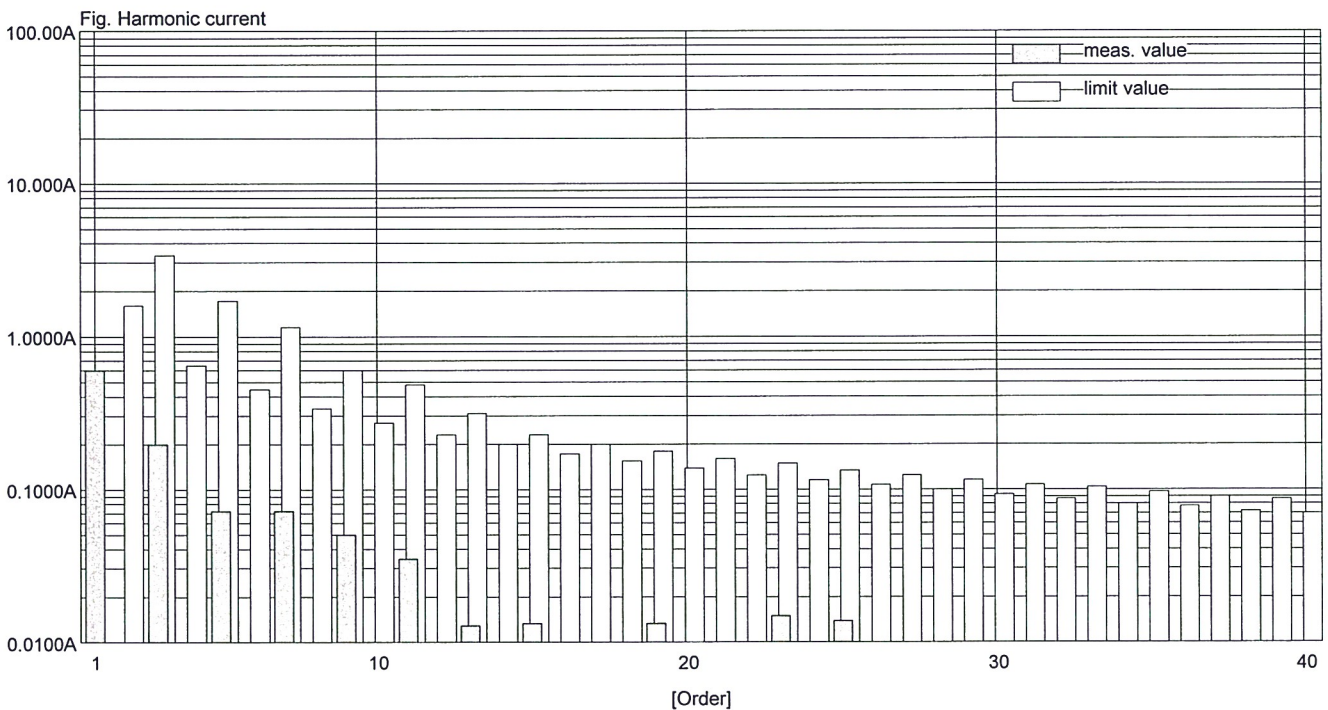
Print Date : Tue Aug 23 16:34:51 2016
 MeasureDate : Tue Aug 23 16:31:37 2016
 Comment : Standby
 (Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-2 Ed3.0 am2
 IEC61000-4-7 Ed2.0 A1
 Class : CLASS A
 MeasureTime : 150.00sec
 Model : YOKOGAWA WT3000
 Rating Voltage : 230.00 V
 Wiring : single-phase 2-wire
 Element : 1
 Range : 300V/30A
 Current(rms) : 0.6589 A
 Voltage(rms) : 229.72 V
 Frequency : 50.005 Hz
 Power Factor : 0.7516
 Beyond Limit Time : 14.9999 s
 Beyond Total Time : 0.0000 s
 THC : 0.2361 A

PASS

Set Fundamental I : -----
 Set Power Factor : -----
 Set P : -----
 Sigma W Max : 113.7738 W
 Sigma PF : 0.7516
 Distortion factor(V) : 0.07 %
 V THDS : 0.07 %
 V THDG : 0.07 %
 Distortion factor(A) : 42.41 %
 A THDS : 43.66 %
 A THDG : 44.73 %
 P THD : 0.02 %
 Power Limit : 75 W

Order	Measure[A]	Limit[A]	Margin[%]	Order	Measure[A]	Limit[A]	Margin[%]
1	0.6148			2	0.0040	1.6200	99.8
3	0.2015	3.4500	94.2	4	0.0039	0.6450	99.4
5	0.0713	1.7100	95.8	6	0.0030	0.4500	99.3
7	0.0717	1.1550	93.8	8	0.0019	0.3450	99.4
9	0.0498	0.6000	91.7	10	0.0009	0.2760	99.7
11	0.0355	0.4950	92.8	12	0.0007	0.2300	99.7
13	0.0129	0.3150	95.9	14	0.0008	0.1971	99.6
15	0.0132	0.2250	94.1	16	0.0008	0.1725	99.5
17	0.0067	0.1985	96.6	18	0.0009	0.1533	99.4
19	0.0134	0.1776	92.4	20	0.0009	0.1380	99.3
21	0.0063	0.1607	96.1	22	0.0007	0.1255	99.5
23	0.0148	0.1467	89.9	24	0.0005	0.1150	99.6
25	0.0136	0.1350	89.9	26	0.0006	0.1062	99.4
27	0.0038	0.1250	96.9	28	0.0008	0.0986	99.2
29	0.0057	0.1164	95.1	30	0.0009	0.0920	99.1
31	0.0080	0.1089	92.7	32	0.0008	0.0862	99.0
33	0.0055	0.1023	94.6	34	0.0008	0.0812	99.1
35	0.0046	0.0964	95.2	36	0.0007	0.0767	99.1
37	0.0053	0.0912	94.2	38	0.0006	0.0726	99.2
39	0.0036	0.0865	95.9	40	0.0006	0.0690	99.1



TASKalfa 8052ci (Average)

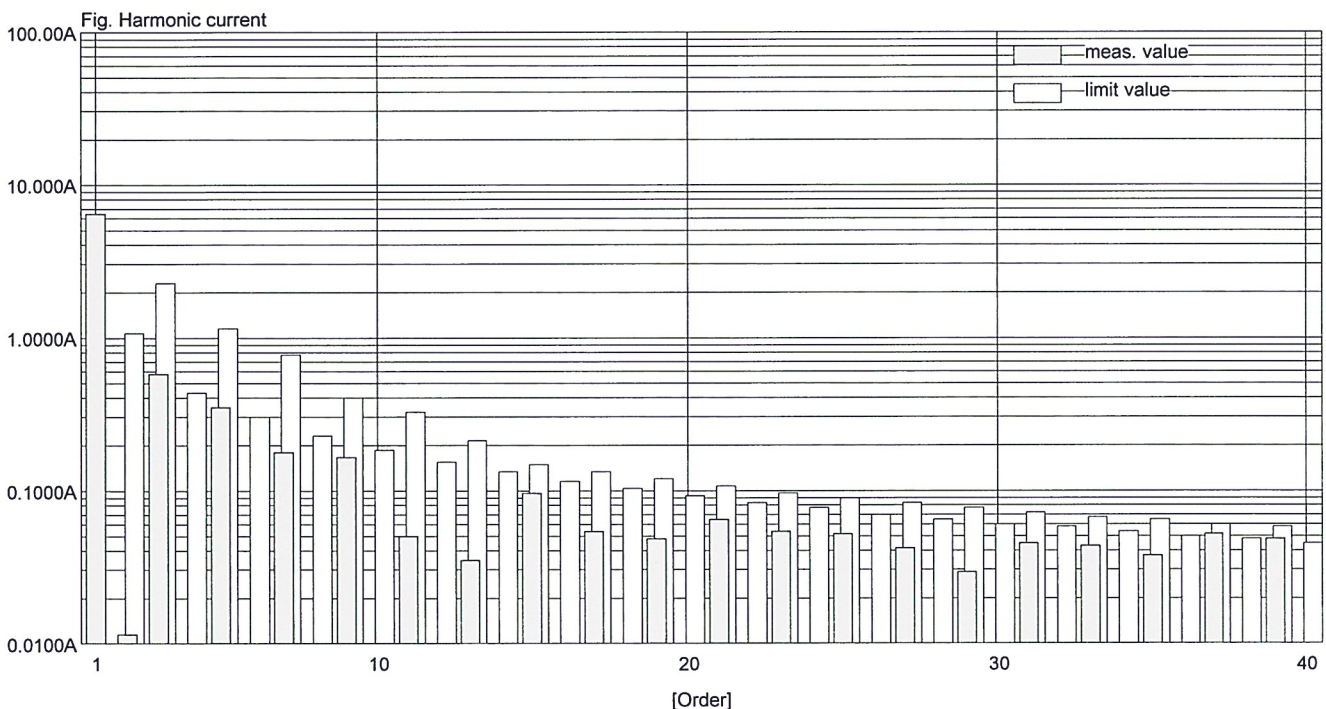
Print Date : Wed Aug 24 09:25:35 2016
 MeasureDate : Wed Aug 24 09:25:00 2016
 Comment : 1 Side Copy
 (Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-2 Ed3.0 am2
 IEC61000-4-7 Ed2.0 A1
 Class : CLASS A
 MeasureTime : 150.00sec
 Model : YOKOGAWA WT3000
 Rating Voltage : 230.00 V
 Wiring : single-phase 2-wire
 Element : 1
 Range : 300V/30A
 Current(rms) : 6.5656 A
 Voltage(rms) : 229.23 V
 Frequency : 50.000 Hz
 Power Factor : 0.9831
 POHC Limit : 0.2514 A
 POHC Max : 0.1563 A
 THC : 0.7459 A

PASS

Set Fundamental I : -----
 Set Power Factor : -----
 Set P : -----
 Sigma W Max : 1593.835 W
 Sigma PF : 0.9831
 Distortion factor(V) : 0.07 %
 V THDS : 0.07 %
 V THDG : 0.08 %
 Distortion factor(A) : 11.49 %
 A THDS : 11.50 %
 A THDG : 11.50 %
 P THD : 0.01 %
 Power Limit : 75 W

Order	Measure[A]	Limit[A]	Margin[%]	Order	Measure[A]	Limit[A]	Margin[%]
1	6.5228			2	0.0116	1.0800	98.9
3	0.5740	2.3000	75.0	4	0.0073	0.4300	98.3
5	0.3552	1.1400	68.8	6	0.0048	0.3000	98.4
7	0.1795	0.7700	76.7	8	0.0026	0.2300	98.9
9	0.1635	0.4000	59.1	10	0.0018	0.1840	99.0
11	0.0499	0.3300	84.9	12	0.0019	0.1533	98.8
13	0.0357	0.2100	83.0	14	0.0014	0.1314	99.0
15	0.0949	0.1500	36.8	16	0.0012	0.1150	98.9
17	0.0534	0.1324	59.7	18	0.0019	0.1022	98.2
19	0.0483	0.1184	59.2	20	0.0014	0.0920	98.4
21	0.0651	0.1071	39.2	22	0.0015	0.0836	98.2
23	0.0545	0.0978	44.3	24	0.0018	0.0767	97.6
25	0.0524	0.0900	41.7	26	0.0016	0.0708	97.7
27	0.0423	0.0833	49.3	28	0.0016	0.0657	97.5
29	0.0290	0.0776	62.6	30	0.0020	0.0613	96.7
31	0.0451	0.0726	37.8	32	0.0023	0.0575	96.1
33	0.0442	0.0682	35.1	34	0.0025	0.0541	95.4
35	0.0381	0.0643	40.7	36	0.0022	0.0511	95.8
37	0.0527	0.0608	13.3	38	0.0020	0.0484	95.8
39	0.0493	0.0577	14.5	40	0.0023	0.0460	95.1



TASKalfa 8052ci (Maximum)

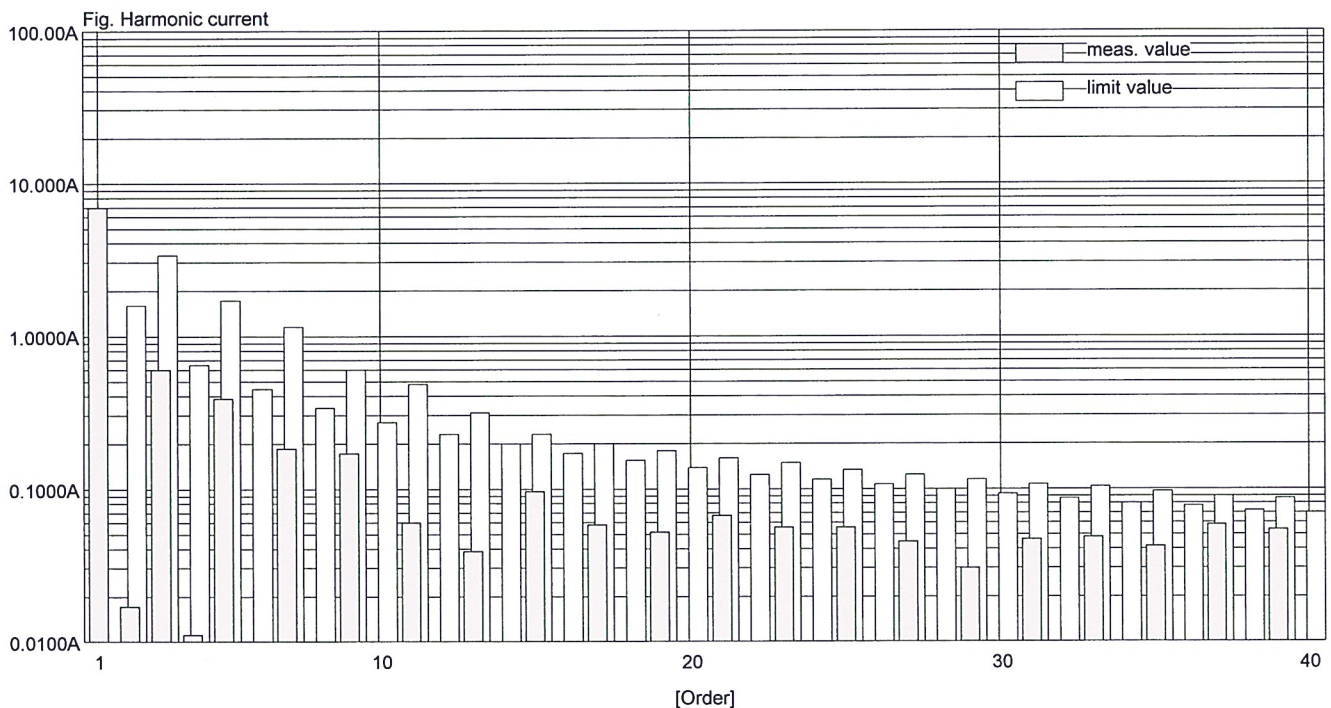
Print Date : Wed Aug 24 09:25:35 2016
 MeasureDate : Wed Aug 24 09:25:00 2016
 Comment : 1 Side Copy
 (Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-2 Ed3.0 am2
 IEC61000-4-7 Ed2.0 A1
 Class : CLASS A
 MeasureTime : 150.00sec
 Model : YOKOGAWA WT3000
 Rating Voltage : 230.00 V
 Wiring : single-phase 2-wire
 Element : 1
 Range : 300V/30A
 Current(rms) : 7.0569 A
 Voltage(rms) : 229.28 V
 Frequency : 50.008 Hz
 Power Factor : 0.9855
 Beyond Limit Time : 14.9999 s
 Beyond Total Time : 0.0000 s
 THC : 0.7857 A

PASS

Set Fundamental I : -----
 Set Power Factor : -----
 Set P : -----
 Sigma W Max : 1593.835 W
 Sigma PF : 0.9855
 Distortion factor(V) : 0.08 %
 V THDS : 0.08 %
 V THDG : 0.08 %
 Distortion factor(A) : 14.04 %
 A THDS : 14.11 %
 A THDG : 14.13 %
 P THD : 0.01 %
 Power Limit : 75 W

Order	Measure[A]	Limit[A]	Margin[%]	Order	Measure[A]	Limit[A]	Margin[%]
1	7.0177			2	0.0170	1.6200	99.0
3	0.6009	3.4500	82.6	4	0.0111	0.6450	98.3
5	0.3870	1.7100	77.4	6	0.0076	0.4500	98.3
7	0.1861	1.1550	83.9	8	0.0048	0.3450	98.6
9	0.1742	0.6000	71.0	10	0.0031	0.2760	98.9
11	0.0615	0.4950	87.6	12	0.0031	0.2300	98.7
13	0.0398	0.3150	87.4	14	0.0023	0.1971	98.8
15	0.0976	0.2250	56.6	16	0.0024	0.1725	98.6
17	0.0573	0.1985	71.1	18	0.0028	0.1533	98.2
19	0.0516	0.1776	71.0	20	0.0022	0.1380	98.4
21	0.0663	0.1607	58.7	22	0.0021	0.1255	98.3
23	0.0563	0.1467	61.6	24	0.0028	0.1150	97.6
25	0.0569	0.1350	57.9	26	0.0028	0.1062	97.4
27	0.0460	0.1250	63.2	28	0.0021	0.0986	97.9
29	0.0307	0.1164	73.6	30	0.0024	0.0920	97.4
31	0.0467	0.1089	57.1	32	0.0027	0.0862	96.9
33	0.0491	0.1023	52.0	34	0.0028	0.0812	96.5
35	0.0428	0.0964	55.6	36	0.0027	0.0767	96.4
37	0.0586	0.0912	35.8	38	0.0025	0.0726	96.6
39	0.0544	0.0865	37.2	40	0.0026	0.0690	96.2



TASKalfa 8052ci (Average)

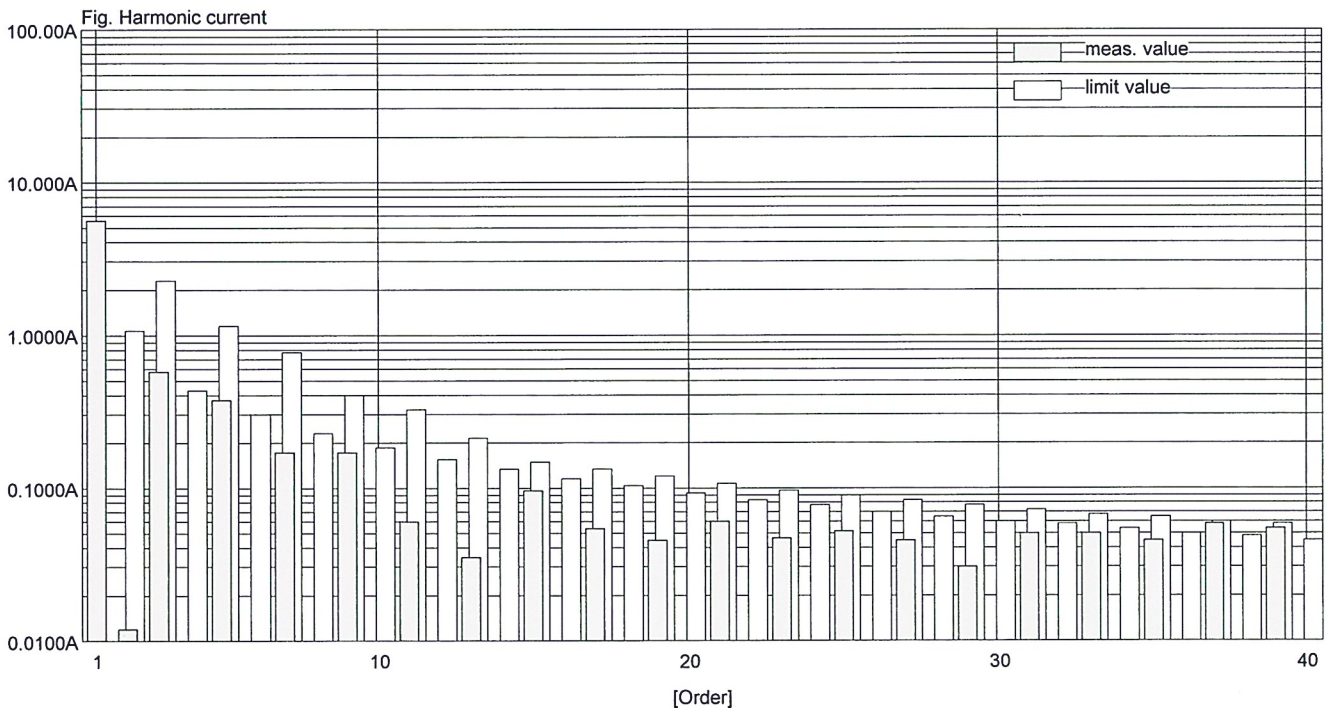
Print Date : Wed Aug 24 09:31:18 2016
 MeasureDate : Wed Aug 24 09:30:42 2016
 Comment : Duplex Copy
 (Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-2 Ed3.0 am2
 IEC61000-4-7 Ed2.0 A1
 Class : CLASS A
 MeasureTime : 149.80sec
 Model : YOKOGAWA WT3000
 Rating Voltage : 230.00 V
 Wiring : single-phase 2-wire
 Element : 1
 Range : 300V/30A
 Current(rms) : 5.6848 A
 Voltage(rms) : 229.30 V
 Frequency : 50.000 Hz
 Power Factor : 0.9776
 POHC Limit : 0.2514 A
 POHC Max : 0.1610 A
 THC : 0.7613 A

PASS

Set Fundamental I : -----
 Set Power Factor : -----
 Set P : -----
 Sigma W Max : 1337.680 W
 Sigma PF : 0.9776
 Distortion factor(V) : 0.08 %
 V THDS : 0.08 %
 V THDG : 0.08 %
 Distortion factor(A) : 13.50 %
 A THDS : 13.50 %
 A THDG : 13.51 %
 P THD : 0.01 %
 Power Limit : 75 W

Order	Measure[A]	Limit[A]	Margin[%]	Order	Measure[A]	Limit[A]	Margin[%]
1	5.6335			2	0.0118	1.0800	98.9
3	0.5801	2.3000	74.8	4	0.0077	0.4300	98.2
5	0.3735	1.1400	67.2	6	0.0047	0.3000	98.4
7	0.1721	0.7700	77.6	8	0.0019	0.2300	99.2
9	0.1726	0.4000	56.8	10	0.0014	0.1840	99.3
11	0.0595	0.3300	82.0	12	0.0018	0.1533	98.9
13	0.0353	0.2100	83.2	14	0.0013	0.1314	99.0
15	0.0962	0.1500	35.9	16	0.0012	0.1150	98.9
17	0.0541	0.1324	59.1	18	0.0018	0.1022	98.2
19	0.0450	0.1184	62.0	20	0.0013	0.0920	98.5
21	0.0602	0.1071	43.9	22	0.0015	0.0836	98.2
23	0.0473	0.0978	51.6	24	0.0018	0.0767	97.7
25	0.0529	0.0900	41.2	26	0.0014	0.0708	98.0
27	0.0452	0.0833	45.7	28	0.0017	0.0657	97.4
29	0.0300	0.0776	61.3	30	0.0021	0.0613	96.6
31	0.0499	0.0726	31.3	32	0.0022	0.0575	96.2
33	0.0502	0.0682	26.4	34	0.0026	0.0541	95.2
35	0.0457	0.0643	29.0	36	0.0023	0.0511	95.5
37	0.0577	0.0608	5.1	38	0.0022	0.0484	95.5
39	0.0535	0.0577	7.2	40	0.0024	0.0460	94.8



TASKalfa 8052ci (Maximum)

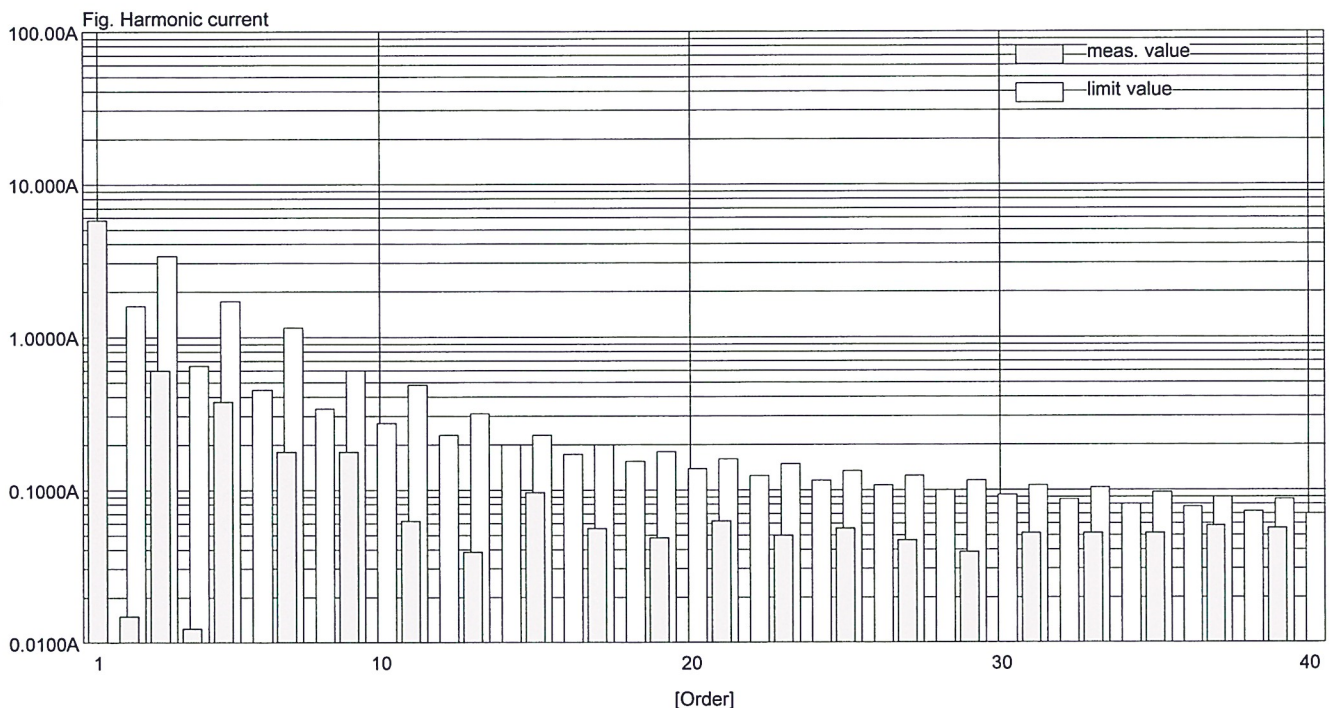
Print Date : Wed Aug 24 09:31:18 2016
 MeasureDate : Wed Aug 24 09:30:42 2016
 Comment : Duplex Copy
 (Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-2 Ed3.0 am2
 IEC61000-4-7 Ed2.0 A1
 Class : CLASS A
 MeasureTime : 149.80sec
 Model : YOKOGAWA WT3000
 Rating Voltage : 230.00 V
 Wiring : single-phase 2-wire
 Element : 1
 Range : 300V/30A
 Current(rms) : 5.9560 A
 Voltage(rms) : 229.37 V
 Frequency : 50.009 Hz
 Power Factor : 0.9796
 Beyond Limit Time : 14.9799 s
 Beyond Total Time : 0.0000 s
 THC : 0.7752 A

PASS

Set Fundamental I : -----
 Set Power Factor : -----
 Set P : -----
 Sigma W Max : 1337.680 W
 Sigma PF : 0.9796
 Distortion factor(V) : 0.08 %
 V THDS : 0.08 %
 V THDG : 0.08 %
 Distortion factor(A) : 14.96 %
 A THDS : 15.00 %
 A THDG : 15.03 %
 P THD : 0.01 %
 Power Limit : 75 W

Order	Measure[A]	Limit[A]	Margin[%]	Order	Measure[A]	Limit[A]	Margin[%]
1	5.9075			2	0.0150	1.6200	99.1
3	0.5947	3.4500	82.8	4	0.0122	0.6450	98.1
5	0.3838	1.7100	77.6	6	0.0071	0.4500	98.4
7	0.1786	1.1550	84.5	8	0.0031	0.3450	99.1
9	0.1764	0.6000	70.6	10	0.0022	0.2760	99.2
11	0.0630	0.4950	87.3	12	0.0024	0.2300	99.0
13	0.0397	0.3150	87.4	14	0.0018	0.1971	99.1
15	0.0969	0.2250	56.9	16	0.0016	0.1725	99.1
17	0.0561	0.1985	71.8	18	0.0022	0.1533	98.6
19	0.0481	0.1776	72.9	20	0.0019	0.1380	98.6
21	0.0619	0.1607	61.5	22	0.0020	0.1255	98.4
23	0.0497	0.1467	66.1	24	0.0021	0.1150	98.2
25	0.0565	0.1350	58.1	26	0.0018	0.1062	98.3
27	0.0470	0.1250	62.4	28	0.0019	0.0986	98.0
29	0.0390	0.1164	66.5	30	0.0024	0.0920	97.4
31	0.0527	0.1089	51.6	32	0.0025	0.0862	97.1
33	0.0515	0.1023	49.6	34	0.0029	0.0812	96.5
35	0.0526	0.0964	45.4	36	0.0026	0.0767	96.7
37	0.0592	0.0912	35.1	38	0.0025	0.0726	96.5
39	0.0559	0.0865	35.4	40	0.0029	0.0690	95.8



TASKalfa 8052ci (Average)

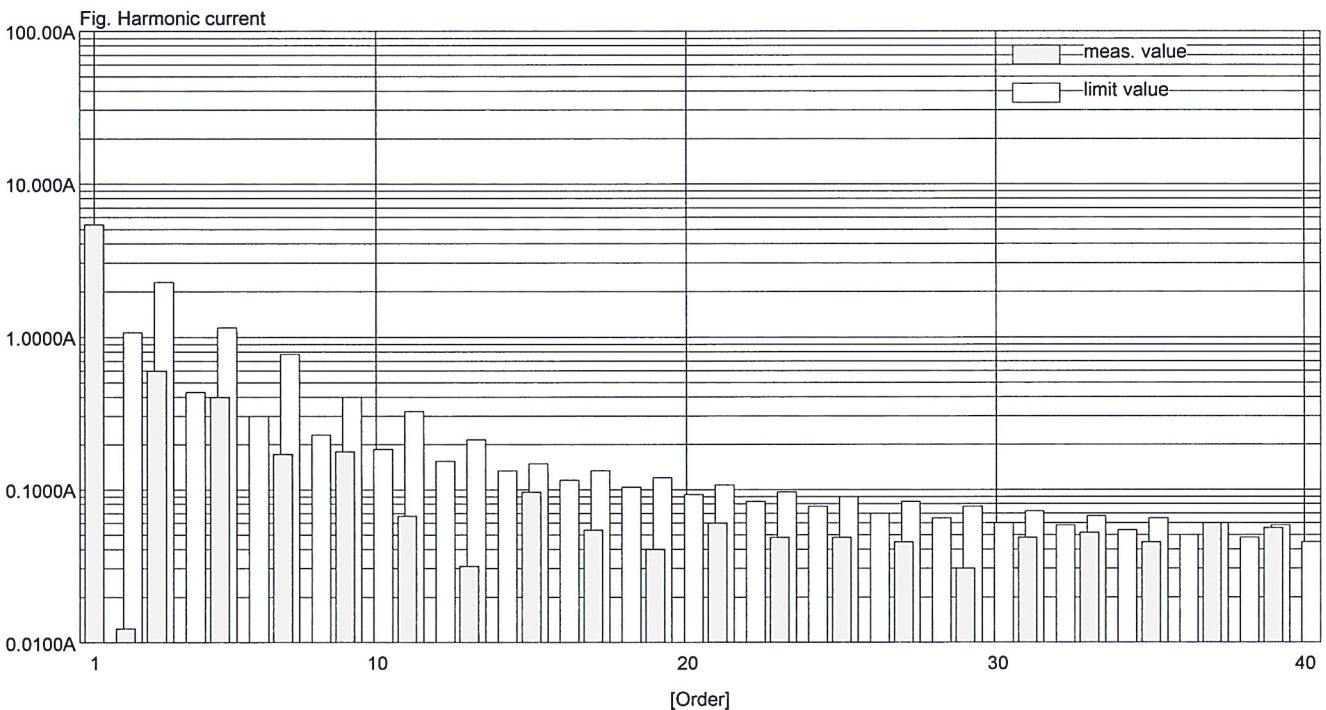
Print Date : Wed Aug 24 09:36:34 2016
 MeasureDate : Wed Aug 24 09:35:46 2016
 Comment : Duplex Copy (A4Y)
 (Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-2 Ed3.0 am2
 IEC61000-4-7 Ed2.0 A1
 Class : CLASS A
 MeasureTime : 150.00sec
 Model : YOKOGAWA WT3000
 Rating Voltage : 230.00 V
 Wiring : single-phase 2-wire
 Element : 1
 Range : 300V/30A
 Current(rms) : 5.4607 A
 Voltage(rms) : 229.31 V
 Frequency : 50.000 Hz
 Power Factor : 0.9748
 POHC Limit : 0.2514 A
 POHC Max : 0.1701 A
 THC : 0.8003 A

PASS

Set Fundamental I : -----
 Set Power Factor : -----
 Set P : -----
 Sigma W Max : 1355.302 W
 Sigma PF : 0.9748
 Distortion factor(V) : 0.08 %
 V THDS : 0.08 %
 V THDG : 0.08 %
 Distortion factor(A) : 14.87 %
 A THDS : 14.88 %
 A THDG : 14.89 %
 P THD : 0.01 %
 Power Limit : 75 W

Order	Measure[A]	Limit[A]	Margin[%]	Order	Measure[A]	Limit[A]	Margin[%]
1	5.4013			2	0.0125	1.0800	98.8
3	0.6078	2.3000	73.6	4	0.0084	0.4300	98.0
5	0.4051	1.1400	64.5	6	0.0050	0.3000	98.3
7	0.1732	0.7700	77.5	8	0.0017	0.2300	99.3
9	0.1790	0.4000	55.3	10	0.0014	0.1840	99.2
11	0.0678	0.3300	79.4	12	0.0018	0.1533	98.8
13	0.0317	0.2100	84.9	14	0.0013	0.1314	99.0
15	0.0950	0.1500	36.7	16	0.0011	0.1150	99.0
17	0.0533	0.1324	59.7	18	0.0018	0.1022	98.3
19	0.0402	0.1184	66.1	20	0.0014	0.0920	98.5
21	0.0606	0.1071	43.4	22	0.0014	0.0836	98.4
23	0.0495	0.0978	49.4	24	0.0017	0.0767	97.7
25	0.0487	0.0900	45.9	26	0.0014	0.0708	98.0
27	0.0448	0.0833	46.3	28	0.0018	0.0657	97.3
29	0.0309	0.0776	60.1	30	0.0022	0.0613	96.4
31	0.0490	0.0726	32.4	32	0.0021	0.0575	96.3
33	0.0514	0.0682	24.6	34	0.0027	0.0541	95.0
35	0.0452	0.0643	29.7	36	0.0024	0.0511	95.2
37	0.0599	0.0608	1.5	38	0.0023	0.0484	95.3
39	0.0560	0.0577	2.9	40	0.0025	0.0460	94.5



TASKalfa 8052ci (Maximum)

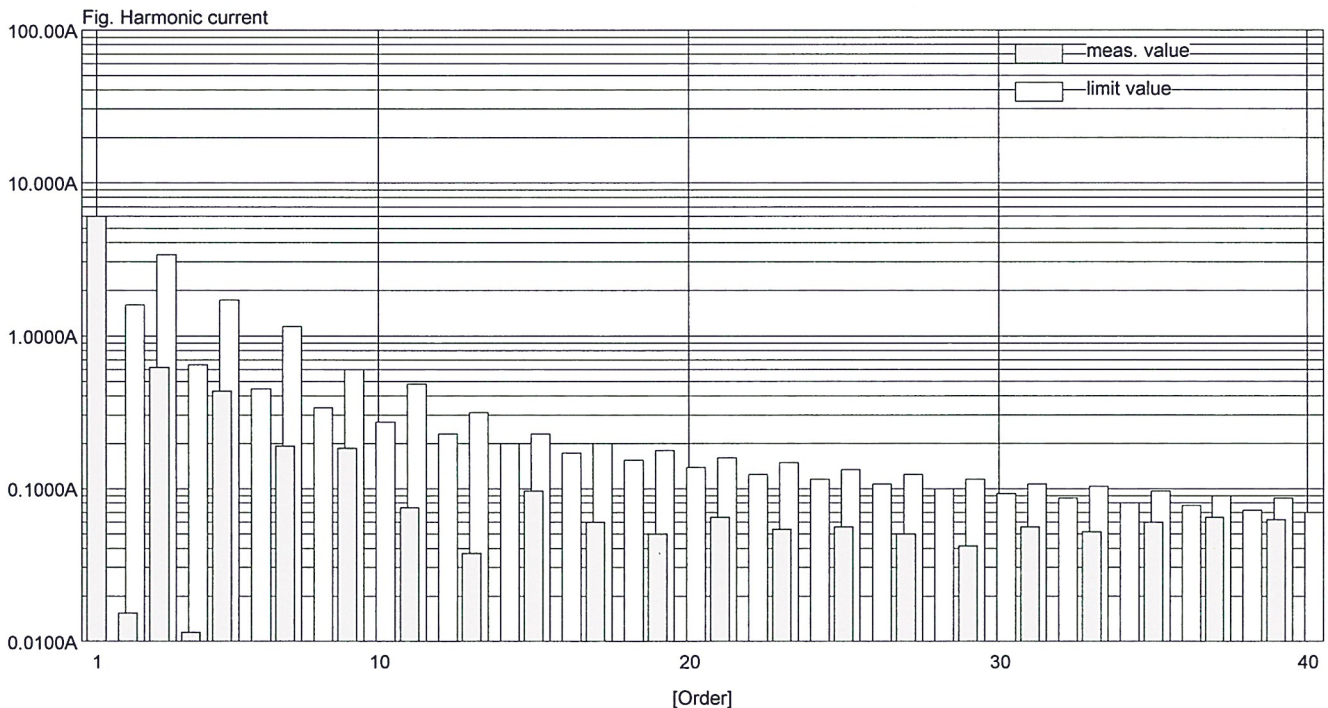
Print Date : Wed Aug 24 09:36:34 2016
 MeasureDate : Wed Aug 24 09:35:46 2016
 Comment : Duplex Copy (A4Y)
 (Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-2 Ed3.0 am2
 IEC61000-4-7 Ed2.0 A1
 Class : CLASS A
 MeasureTime : 150.00sec
 Model : YOKOGAWA WT3000
 Rating Voltage : 230.00 V
 Wiring : single-phase 2-wire
 Element : 1
 Range : 300V/30A
 Current(rms) : 6.0365 A
 Voltage(rms) : 229.42 V
 Frequency : 50.009 Hz
 Power Factor : 0.9793
 Beyond Limit Time : 14.9999 s
 Beyond Total Time : 0.0000 s
 THC : 0.8291 A

PASS

Set Fundamental I : -----
 Set Power Factor : -----
 Set P : -----
 Sigma W Max : 1355.302 W
 Sigma PF : 0.9793
 Distortion factor(V) : 0.08 %
 V THDS : 0.08 %
 V THDG : 0.08 %
 Distortion factor(A) : 19.68 %
 A THDS : 19.68 %
 A THDG : 19.68 %
 P THD : 0.01 %
 Power Limit : 75 W

Order	Measure[A]	Limit[A]	Margin[%]	Order	Measure[A]	Limit[A]	Margin[%]
1	5.9817			2	0.0156	1.6200	99.0
3	0.6339	3.4500	81.6	4	0.0115	0.6450	98.2
5	0.4359	1.7100	74.5	6	0.0071	0.4500	98.4
7	0.1877	1.1550	83.7	8	0.0024	0.3450	99.3
9	0.1876	0.6000	68.7	10	0.0021	0.2760	99.2
11	0.0742	0.4950	85.0	12	0.0024	0.2300	99.0
13	0.0382	0.3150	87.9	14	0.0016	0.1971	99.2
15	0.0978	0.2250	56.5	16	0.0015	0.1725	99.1
17	0.0595	0.1985	70.0	18	0.0020	0.1533	98.7
19	0.0506	0.1776	71.5	20	0.0017	0.1380	98.8
21	0.0650	0.1607	59.6	22	0.0016	0.1255	98.7
23	0.0537	0.1467	63.4	24	0.0020	0.1150	98.3
25	0.0559	0.1350	58.6	26	0.0018	0.1062	98.3
27	0.0500	0.1250	60.0	28	0.0022	0.0986	97.7
29	0.0421	0.1164	63.9	30	0.0025	0.0920	97.3
31	0.0571	0.1089	47.5	32	0.0026	0.0862	97.0
33	0.0531	0.1023	48.0	34	0.0030	0.0812	96.3
35	0.0597	0.0964	38.1	36	0.0029	0.0767	96.2
37	0.0644	0.0912	29.4	38	0.0031	0.0726	95.8
39	0.0621	0.0865	28.2	40	0.0029	0.0690	95.8



TASKalfa 8052ci (Average)

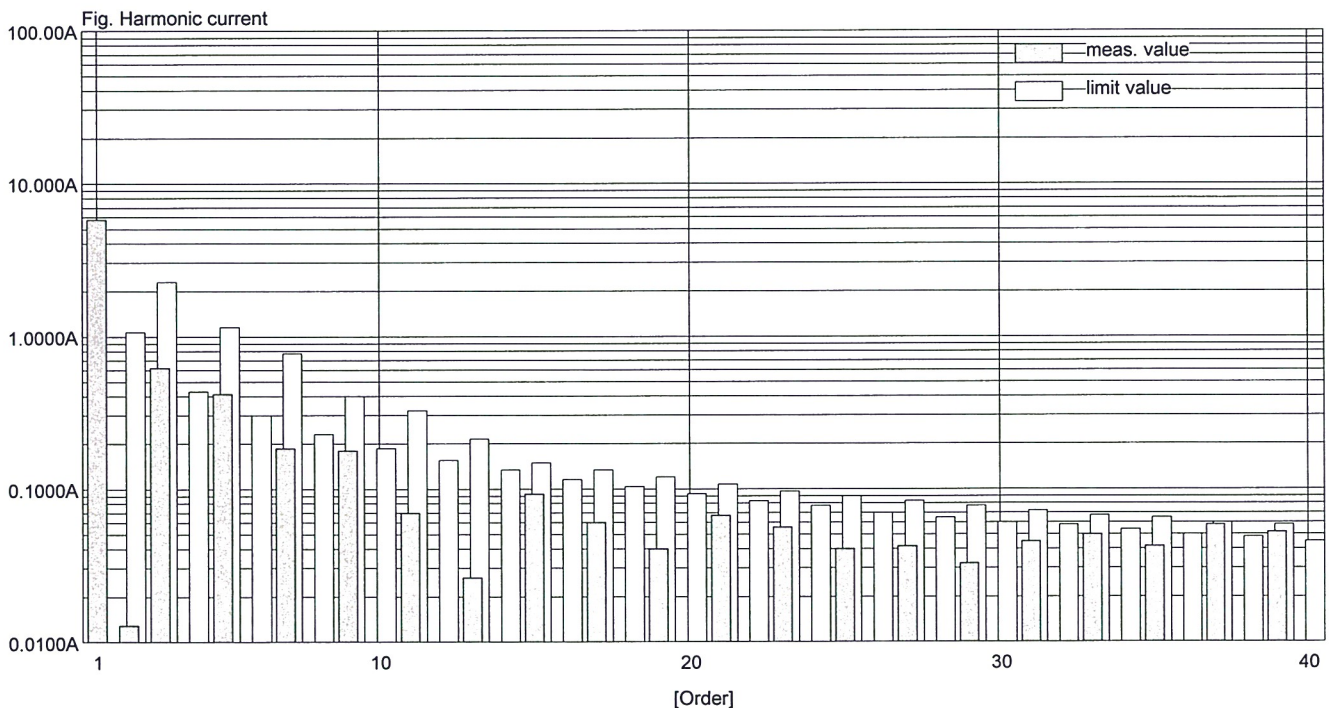
Print Date : Wed Aug 24 09:42:12 2016
 MeasureDate : Wed Aug 24 09:41:41 2016
 Comment : 1 Side Copy (A4Y)
 (Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-2 Ed3.0 am2
 IEC61000-4-7 Ed2.0 A1
 Class : CLASS A
 MeasureTime : 150.00sec
 Model : YOKOGAWA WT3000
 Rating Voltage : 230.00 V
 Wiring : single-phase 2-wire
 Element : 1
 Range : 300V/30A
 Current(rms) : 5.8112 A
 Voltage(rms) : 229.29 V
 Frequency : 50.000 Hz
 Power Factor : 0.9773
 POHC Limit : 0.2514 A
 POHC Max : 0.1626 A
 THC : 0.8329 A

PASS

Set Fundamental I : -----
 Set Power Factor : -----
 Set P : -----
 Sigma W Max : 1345.513 W
 Sigma PF : 0.9773
 Distortion factor(V) : 0.08 %
 V THDS : 0.08 %
 V THDG : 0.08 %
 Distortion factor(A) : 14.46 %
 A THDS : 14.47 %
 A THDG : 14.47 %
 P THD : 0.01 %
 Power Limit : 75 W

Order	Measure[A]	Limit[A]	Margin[%]	Order	Measure[A]	Limit[A]	Margin[%]
1	5.7511			2	0.0130	1.0800	98.8
3	0.6374	2.3000	72.3	4	0.0089	0.4300	97.9
5	0.4198	1.1400	63.2	6	0.0052	0.3000	98.3
7	0.1862	0.7700	75.8	8	0.0016	0.2300	99.3
9	0.1775	0.4000	55.6	10	0.0014	0.1840	99.3
11	0.0699	0.3300	78.8	12	0.0017	0.1533	98.9
13	0.0263	0.2100	87.5	14	0.0012	0.1314	99.1
15	0.0944	0.1500	37.1	16	0.0010	0.1150	99.1
17	0.0607	0.1324	54.2	18	0.0017	0.1022	98.3
19	0.0400	0.1184	66.2	20	0.0014	0.0920	98.5
21	0.0669	0.1071	37.6	22	0.0012	0.0836	98.6
23	0.0568	0.0978	41.9	24	0.0017	0.0767	97.8
25	0.0402	0.0900	55.3	26	0.0013	0.0708	98.2
27	0.0418	0.0833	49.8	28	0.0016	0.0657	97.6
29	0.0324	0.0776	58.3	30	0.0021	0.0613	96.5
31	0.0459	0.0726	36.7	32	0.0021	0.0575	96.4
33	0.0504	0.0682	26.0	34	0.0026	0.0541	95.1
35	0.0428	0.0643	33.4	36	0.0023	0.0511	95.5
37	0.0585	0.0608	3.7	38	0.0020	0.0484	95.8
39	0.0528	0.0577	8.4	40	0.0024	0.0460	94.8



TASKalfa 8052ci (Maximum)

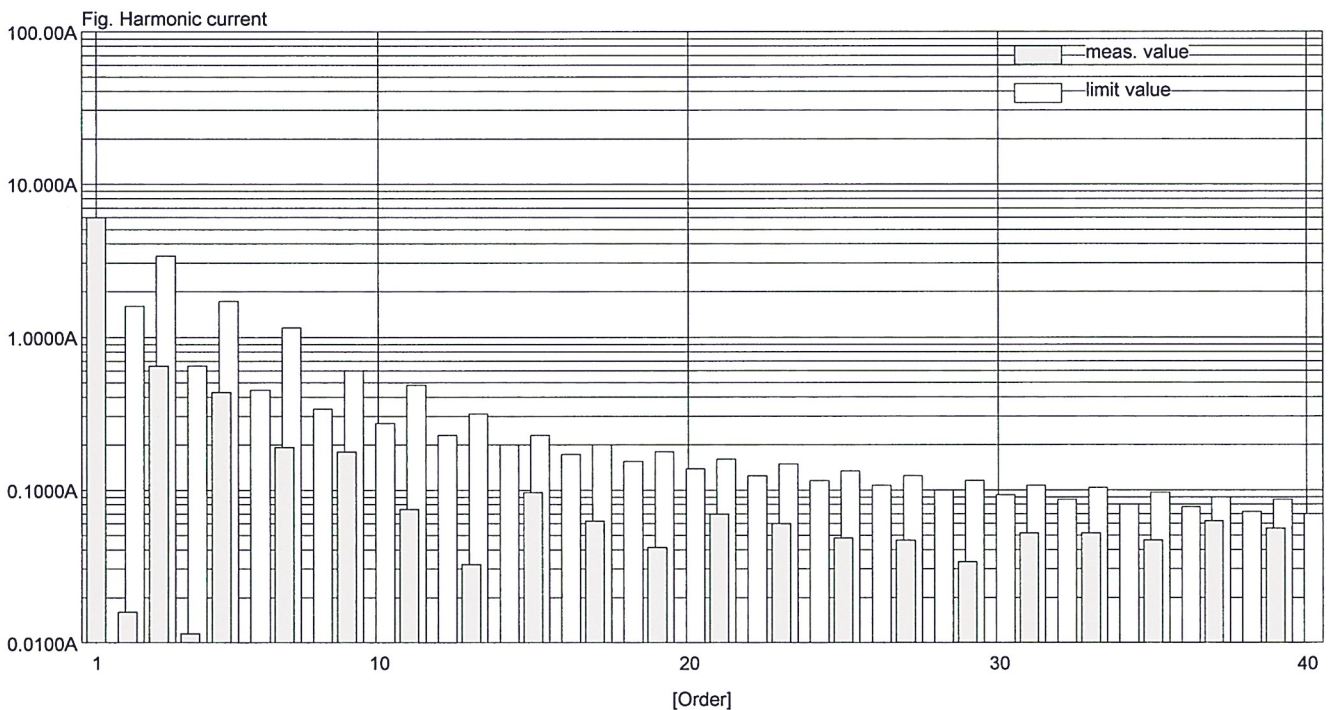
Print Date : Wed Aug 24 09:42:12 2016
 MeasureDate : Wed Aug 24 09:41:41 2016
 Comment : 1 Side Copy (A4Y)
 (Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-2 Ed3.0 am2
 IEC61000-4-7 Ed2.0 A1
 Class : CLASS A
 MeasureTime : 150.00sec
 Model : YOKOGAWA WT3000
 Rating Voltage : 230.00 V
 Wiring : single-phase 2-wire
 Element : 1
 Range : 300V/30A
 Current(rms) : 5.9977 A
 Voltage(rms) : 229.34 V
 Frequency : 50.008 Hz
 Power Factor : 0.9787
 Beyond Limit Time : 14.9999 s
 Beyond Total Time : 0.0000 s
 THC : 0.8601 A

PASS

Set Fundamental I : -----
 Set Power Factor : -----
 Set P : -----
 Sigma W Max : 1345.513 W
 Sigma PF : 0.9787
 Distortion factor(V) : 0.08 %
 V THDS : 0.08 %
 V THDG : 0.08 %
 Distortion factor(A) : 16.53 %
 A THDS : 16.58 %
 A THDG : 16.60 %
 P THD : 0.01 %
 Power Limit : 75 W

Order	Measure[A]	Limit[A]	Margin[%]	Order	Measure[A]	Limit[A]	Margin[%]
1	5.9380			2	0.0160	1.6200	99.0
3	0.6588	3.4500	80.9	4	0.0115	0.6450	98.2
5	0.4375	1.7100	74.4	6	0.0069	0.4500	98.5
7	0.1928	1.1550	83.3	8	0.0024	0.3450	99.3
9	0.1800	0.6000	70.0	10	0.0018	0.2760	99.3
11	0.0746	0.4950	84.9	12	0.0021	0.2300	99.1
13	0.0322	0.3150	89.8	14	0.0014	0.1971	99.3
15	0.0953	0.2250	57.6	16	0.0013	0.1725	99.2
17	0.0634	0.1985	68.1	18	0.0020	0.1533	98.7
19	0.0424	0.1776	76.1	20	0.0016	0.1380	98.8
21	0.0692	0.1607	56.9	22	0.0014	0.1255	98.8
23	0.0595	0.1467	59.4	24	0.0019	0.1150	98.4
25	0.0489	0.1350	63.8	26	0.0016	0.1062	98.5
27	0.0464	0.1250	62.9	28	0.0018	0.0986	98.2
29	0.0345	0.1164	70.4	30	0.0023	0.0920	97.5
31	0.0523	0.1089	52.0	32	0.0023	0.0862	97.3
33	0.0523	0.1023	48.9	34	0.0030	0.0812	96.4
35	0.0466	0.0964	51.7	36	0.0025	0.0767	96.7
37	0.0626	0.0912	31.4	38	0.0025	0.0726	96.5
39	0.0552	0.0865	36.2	40	0.0027	0.0690	96.1



TASKalfa 8052ci (Average)

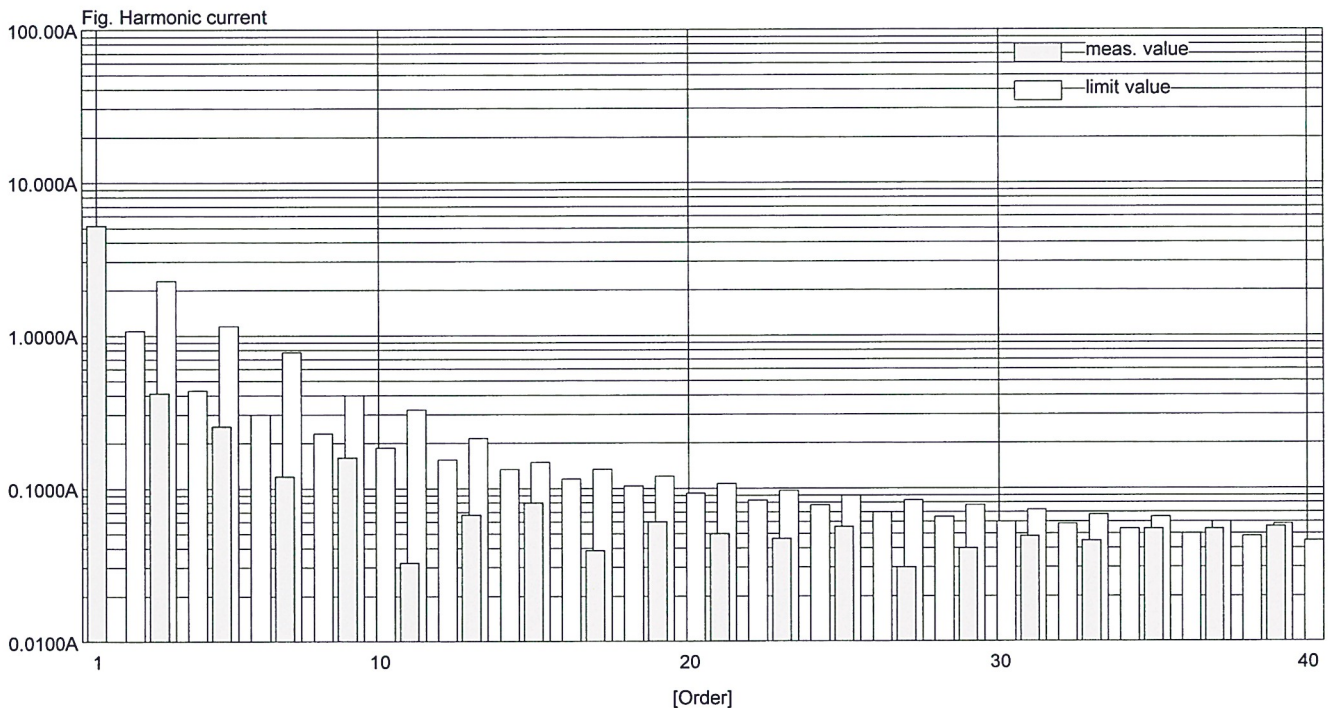
Print Date : Wed Aug 24 09:54:01 2016
 MeasureDate : Wed Aug 24 09:53:38 2016
 Comment : Duplex Print
 (Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-2 Ed3.0 am2
 IEC61000-4-7 Ed2.0 A1
 Class : CLASS A
 MeasureTime : 149.80sec
 Model : YOKOGAWA WT3000
 Rating Voltage : 230.00 V
 Wiring : single-phase 2-wire
 Element : 1
 Range : 300V/30A
 Current(rms) : 5.1916 A
 Voltage(rms) : 229.34 V
 Frequency : 50.000 Hz
 Power Factor : 0.9768
 POHC Limit : 0.2514 A
 POHC Max : 0.1569 A
 THC : 0.5719 A

PASS

Set Fundamental I : -----
 Set Power Factor : -----
 Set P : -----
 Sigma W Max : 1194.134 W
 Sigma PF : 0.9768
 Distortion factor(V) : 0.07 %
 V THDS : 0.07 %
 V THDG : 0.07 %
 Distortion factor(A) : 11.08 %
 A THDS : 11.08 %
 A THDG : 11.09 %
 P THD : 0.00 %
 Power Limit : 75 W

Order	Measure[A]	Limit[A]	Margin[%]	Order	Measure[A]	Limit[A]	Margin[%]
1	5.1600			2	0.0086	1.0800	99.2
3	0.4237	2.3000	81.6	4	0.0050	0.4300	98.8
5	0.2559	1.1400	77.6	6	0.0036	0.3000	98.8
7	0.1208	0.7700	84.3	8	0.0015	0.2300	99.3
9	0.1608	0.4000	59.8	10	0.0010	0.1840	99.5
11	0.0324	0.3300	90.2	12	0.0013	0.1533	99.1
13	0.0673	0.2100	67.9	14	0.0010	0.1314	99.2
15	0.0818	0.1500	45.4	16	0.0014	0.1150	98.8
17	0.0391	0.1324	70.5	18	0.0014	0.1022	98.6
19	0.0596	0.1184	49.7	20	0.0011	0.0920	98.8
21	0.0504	0.1071	52.9	22	0.0016	0.0836	98.1
23	0.0475	0.0978	51.4	24	0.0014	0.0767	98.2
25	0.0567	0.0900	37.1	26	0.0014	0.0708	98.0
27	0.0300	0.0833	64.0	28	0.0017	0.0657	97.4
29	0.0409	0.0776	47.3	30	0.0018	0.0613	97.0
31	0.0492	0.0726	32.2	32	0.0024	0.0575	95.8
33	0.0448	0.0682	34.3	34	0.0025	0.0541	95.3
35	0.0544	0.0643	15.4	36	0.0025	0.0511	95.2
37	0.0535	0.0608	12.1	38	0.0023	0.0484	95.2
39	0.0570	0.0577	1.1	40	0.0022	0.0460	95.1



TASKalfa 8052ci (Maximum)

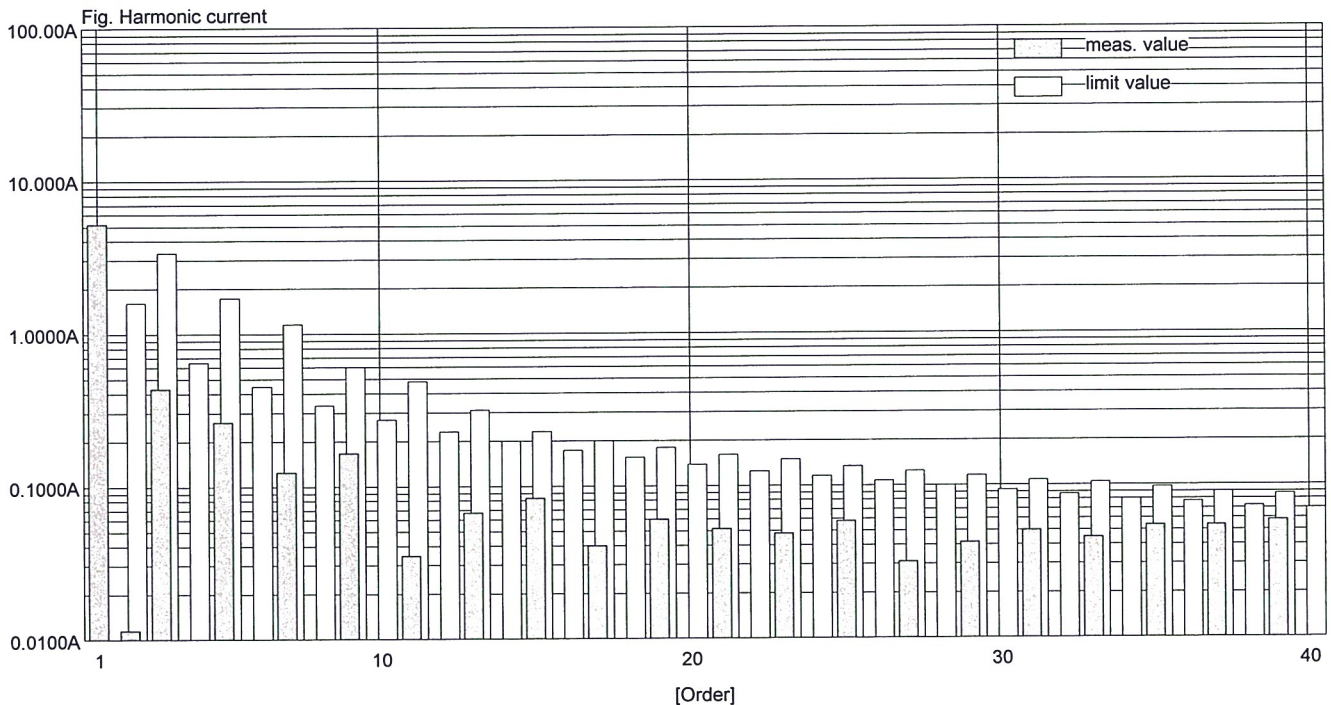
Print Date : Wed Aug 24 09:54:02 2016
 MeasureDate : Wed Aug 24 09:53:38 2016
 Comment : Duplex Print
 (Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-2 Ed3.0 am2
 IEC61000-4-7 Ed2.0 A1
 Class : CLASS A
 MeasureTime : 149.80sec
 Model : YOKOGAWA WT3000
 Rating Voltage : 230.00 V
 Wiring : single-phase 2-wire
 Element : 1
 Range : 300V/30A
 Current(rms) : 5.3243 A
 Voltage(rms) : 229.35 V
 Frequency : 50.008 Hz
 Power Factor : 0.9780
 Beyond Limit Time : 14.9799 s
 Beyond Total Time : 0.0000 s
 THC : 0.5825 A

PASS

Set Fundamental I : -----
 Set Power Factor : -----
 Set P : -----
 Sigma W Max : 1194.134 W
 Sigma PF : 0.9780
 Distortion factor(V) : 0.07 %
 V THDS : 0.07 %
 V THDG : 0.07 %
 Distortion factor(A) : 12.59 %
 A THDS : 12.70 %
 A THDG : 12.73 %
 P THD : 0.01 %
 Power Limit : 75 W

Order	Measure[A]	Limit[A]	Margin[%]	Order	Measure[A]	Limit[A]	Margin[%]
1	5.2938			2	0.0117	1.6200	99.3
3	0.4330	3.4500	87.4	4	0.0086	0.6450	98.7
5	0.2639	1.7100	84.6	6	0.0056	0.4500	98.7
7	0.1245	1.1550	89.2	8	0.0026	0.3450	99.3
9	0.1627	0.6000	72.9	10	0.0016	0.2760	99.4
11	0.0347	0.4950	93.0	12	0.0020	0.2300	99.1
13	0.0679	0.3150	78.4	14	0.0017	0.1971	99.2
15	0.0833	0.2250	63.0	16	0.0017	0.1725	99.0
17	0.0403	0.1985	79.7	18	0.0017	0.1533	98.9
19	0.0608	0.1776	65.8	20	0.0015	0.1380	98.9
21	0.0523	0.1607	67.5	22	0.0021	0.1255	98.4
23	0.0486	0.1467	66.9	24	0.0019	0.1150	98.3
25	0.0577	0.1350	57.2	26	0.0019	0.1062	98.2
27	0.0319	0.1250	74.5	28	0.0021	0.0986	97.9
29	0.0429	0.1164	63.2	30	0.0023	0.0920	97.5
31	0.0499	0.1089	54.2	32	0.0028	0.0862	96.8
33	0.0461	0.1023	54.9	34	0.0029	0.0812	96.4
35	0.0549	0.0964	43.1	36	0.0027	0.0767	96.5
37	0.0543	0.0912	40.5	38	0.0027	0.0726	96.2
39	0.0584	0.0865	32.6	40	0.0026	0.0690	96.2



TASKalfa 8052ci (Average)

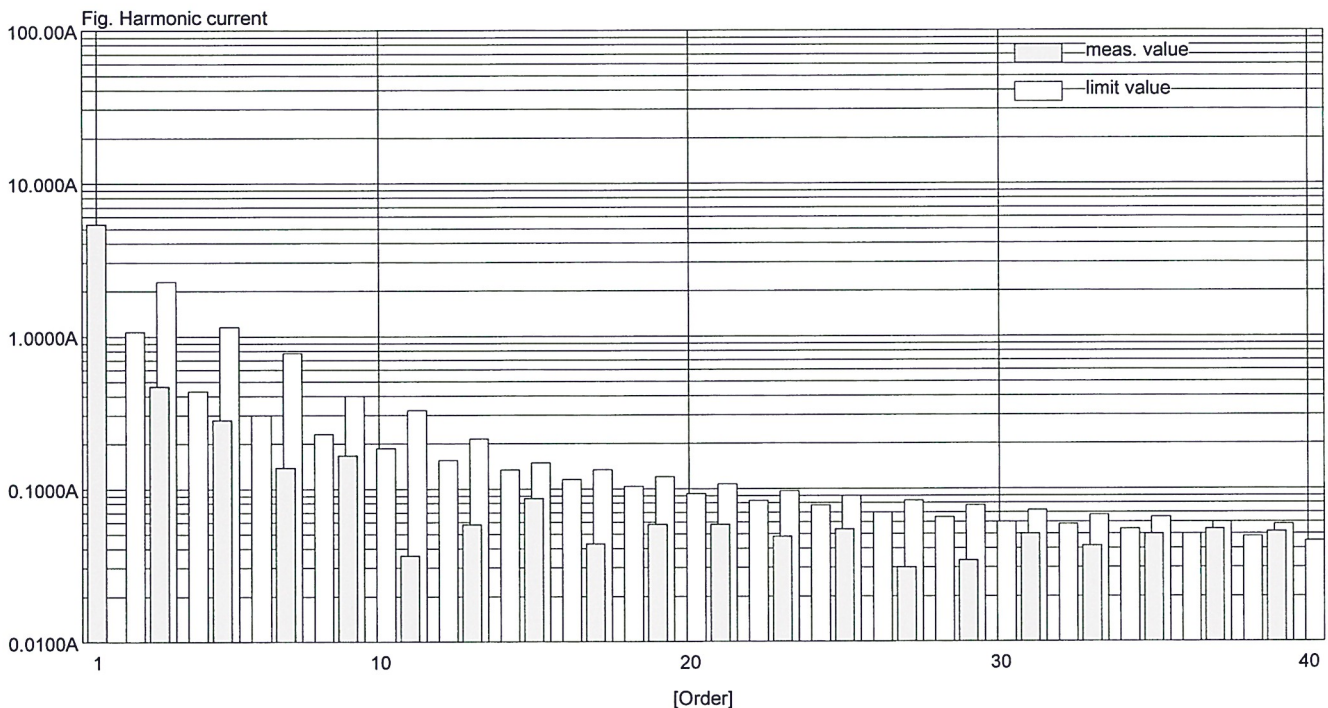
Print Date : Wed Aug 24 09:48:07 2016
 MeasureDate : Wed Aug 24 09:47:33 2016
 Comment : Duplex Print (A4Y)
 (Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-2 Ed3.0 am2
 IEC61000-4-7 Ed2.0 A1
 Class : CLASS A
 MeasureTime : 150.00sec
 Model : YOKOGAWA WT3000
 Rating Voltage : 230.00 V
 Wiring : single-phase 2-wire
 Element : 1
 Range : 300V/30A
 Current(rms) : 5.5239 A
 Voltage(rms) : 229.31 V
 Frequency : 50.000 Hz
 Power Factor : 0.9788
 POHC Limit : 0.2514 A
 POHC Max : 0.1553 A
 THC : 0.6172 A

PASS

Set Fundamental I : -----
 Set Power Factor : -----
 Set P : -----
 Sigma W Max : 1274.235 W
 Sigma PF : 0.9788
 Distortion factor(V) : 0.07 %
 V THDS : 0.07 %
 V THDG : 0.07 %
 Distortion factor(A) : 11.24 %
 A THDS : 11.24 %
 A THDG : 11.25 %
 P THD : 0.00 %
 Power Limit : 75 W

Order	Measure[A]	Limit[A]	Margin[%]	Order	Measure[A]	Limit[A]	Margin[%]
1	5.4892			2	0.0099	1.0800	99.1
3	0.4633	2.3000	79.9	4	0.0064	0.4300	98.5
5	0.2822	1.1400	75.2	6	0.0043	0.3000	98.6
7	0.1370	0.7700	82.2	8	0.0018	0.2300	99.2
9	0.1633	0.4000	59.2	10	0.0012	0.1840	99.4
11	0.0371	0.3300	88.8	12	0.0016	0.1533	99.0
13	0.0588	0.2100	72.0	14	0.0013	0.1314	99.0
15	0.0869	0.1500	42.1	16	0.0014	0.1150	98.8
17	0.0432	0.1324	67.3	18	0.0016	0.1022	98.5
19	0.0578	0.1184	51.2	20	0.0011	0.0920	98.8
21	0.0578	0.1071	46.1	22	0.0016	0.0836	98.1
23	0.0478	0.0978	51.1	24	0.0014	0.0767	98.1
25	0.0547	0.0900	39.3	26	0.0014	0.0708	98.0
27	0.0303	0.0833	63.6	28	0.0017	0.0657	97.3
29	0.0346	0.0776	55.4	30	0.0018	0.0613	97.0
31	0.0498	0.0726	31.4	32	0.0023	0.0575	96.0
33	0.0421	0.0682	38.3	34	0.0025	0.0541	95.4
35	0.0513	0.0643	20.2	36	0.0023	0.0511	95.5
37	0.0550	0.0608	9.6	38	0.0023	0.0484	95.3
39	0.0522	0.0577	9.5	40	0.0022	0.0460	95.1



TASKalfa 8052ci (Maximum)

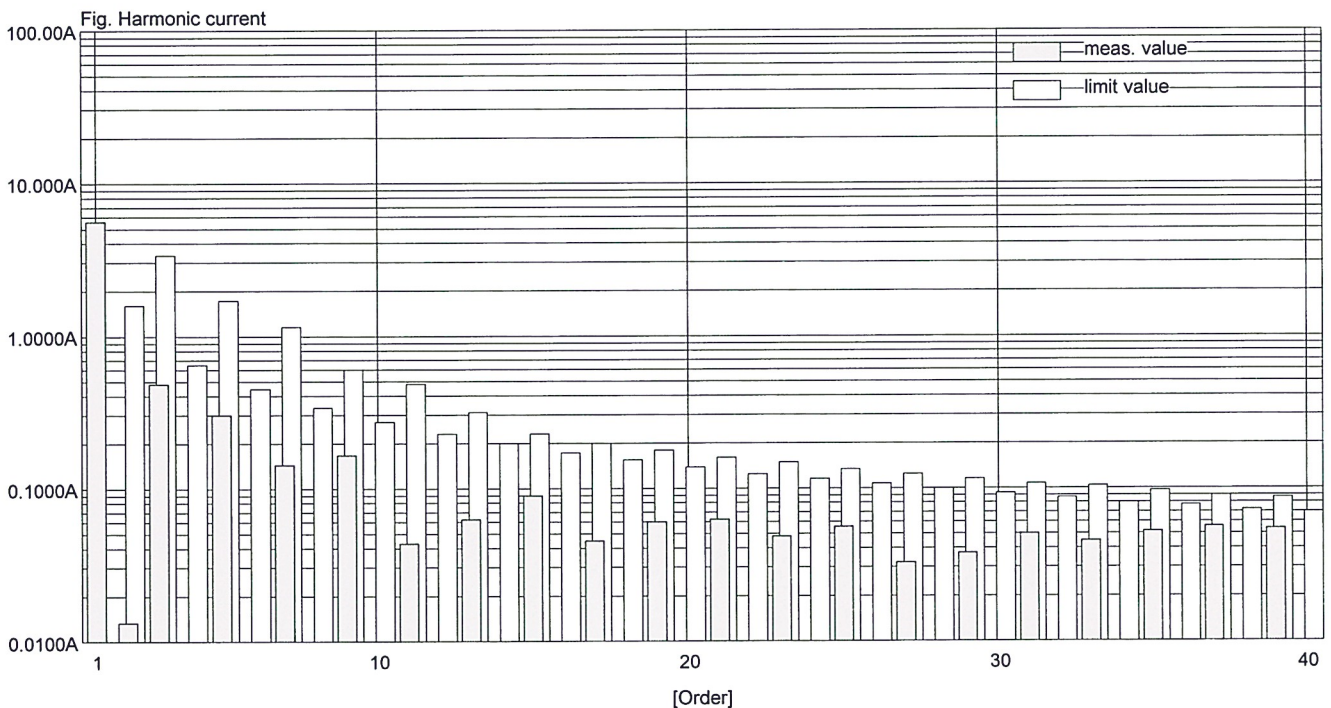
Print Date : Wed Aug 24 09:48:07 2016
 MeasureDate : Wed Aug 24 09:47:33 2016
 Comment : Duplex Print (A4Y)
 (Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-2 Ed3.0 am2
 IEC61000-4-7 Ed2.0 A1
 Class : CLASS A
 MeasureTime : 150.00sec
 Model : YOKOGAWA WT3000
 Rating Voltage : 230.00 V
 Wiring : single-phase 2-wire
 Element : 1
 Range : 300V/30A
 Current(rms) : 5.6706 A
 Voltage(rms) : 229.34 V
 Frequency : 50.008 Hz
 Power Factor : 0.9800
 Beyond Limit Time : 14.9999 s
 Beyond Total Time : 0.0000 s
 THC : 0.6556 A

PASS

Set Fundamental I : -----
 Set Power Factor : -----
 Set P : -----
 Sigma W Max : 1274.235 W
 Sigma PF : 0.9800
 Distortion factor(V) : 0.08 %
 V THDS : 0.08 %
 V THDG : 0.08 %
 Distortion factor(A) : 13.22 %
 A THDS : 13.29 %
 A THDG : 13.32 %
 P THD : 0.01 %
 Power Limit : 75 W

Order	Measure[A]	Limit[A]	Margin[%]	Order	Measure[A]	Limit[A]	Margin[%]
1	5.6376			2	0.0132	1.6200	99.2
3	0.4931	3.4500	85.7	4	0.0094	0.6450	98.5
5	0.3089	1.7100	81.9	6	0.0059	0.4500	98.7
7	0.1455	1.1550	87.4	8	0.0027	0.3450	99.2
9	0.1682	0.6000	72.0	10	0.0022	0.2760	99.2
11	0.0440	0.4950	91.1	12	0.0024	0.2300	99.0
13	0.0619	0.3150	80.3	14	0.0017	0.1971	99.1
15	0.0902	0.2250	59.9	16	0.0019	0.1725	98.9
17	0.0459	0.1985	76.9	18	0.0018	0.1533	98.8
19	0.0604	0.1776	66.0	20	0.0015	0.1380	98.9
21	0.0617	0.1607	61.6	22	0.0020	0.1255	98.4
23	0.0493	0.1467	66.4	24	0.0017	0.1150	98.6
25	0.0567	0.1350	58.0	26	0.0019	0.1062	98.3
27	0.0330	0.1250	73.6	28	0.0021	0.0986	97.8
29	0.0380	0.1164	67.3	30	0.0021	0.0920	97.8
31	0.0510	0.1089	53.2	32	0.0026	0.0862	97.0
33	0.0446	0.1023	56.4	34	0.0028	0.0812	96.6
35	0.0527	0.0964	45.4	36	0.0027	0.0767	96.5
37	0.0572	0.0912	37.2	38	0.0025	0.0726	96.5
39	0.0551	0.0865	36.3	40	0.0027	0.0690	96.1



EN61000-3-3/2008
(EN 301 489-1 V1.9.2 <8.6>)
Voltage Fluctuations/Flicker Measurement

<i>Equipment</i>	<i>Model</i>	<i>Serial No.</i>
Multi-Function Printer	TASKalfa 7052ci / 8052ci	ZA86600014
A3 Side Multi Tray	PF-7130	ZAA6600033
Side Paper Feeder	PF-7120	Z495Y00047
A3 Side Paper Feeder	PF-730	LEW6228267
	PF-740	TEST-1
Document Finisher	DF-7110	Z3T5Y00064
Punch Unit	PH-7C / PH-7D	N373411213
Multi Tray	MT-730	NB22302326
Booklet Folder	BF-730	N392Y06667
Printer NIC	IB-50	TEST-1
	IB-51	TEST-1
Wireless Network Unit	IB-35	W4C6600244
Fiery Controller	Printing System 16	P00011440
Fiery Controller Relay PWB	Printing System Interface Kit 15	TEST-1
FAX Kit	FAX System 12	V9P6600904
		V9P6600906
Ten Key Board	NK-7100	5Y22001

Date : 23,24 August, 2016

Temperature : 24°C

Humidity : 56%

Atom. Pressure : 1016hPa

Testing Place : Kyocera Document Solutions CE Test Room

Power Input : AC230V, 50Hz

Tested by : Takayuki Matsuura

T. Matsuura

This test was applied as follows.

<i>Evaluate item</i>	<i>Limit</i>	<i>Result</i>
Relative steady-state voltage change	$d_c \leq 3.3\%$	Pass
Maximum relative voltage change	$d_{\max} \leq 4\%$	
Relative voltage change characteristic	$dt \leq 500\text{ms}$	
Short-term flicker indicator	$P_{ST} \leq 1$	
Long-term flicker indicator	$P_{LT} \leq 0.65$	

Test equipment used : Analyzing System : WT3000 (Yokogawa Electric Corporation)

TASKalfa 8052ci

Print Date : Tue Aug 23 12:44:06 2016
MeasureDate : Tue Aug 23 12:12:50 2016
Comment : Standby
Option:DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-3 Ed3.0
IEC61000-4-15 Ed2.0
Interval : 10Min0Sec
Model : YOKOGAWA WT3000
Wiring : single-phase 2wire
Voltage Range : 300.00V
Set Voltage : 230V
Set Frequency : 50Hz
Voltage U1 : 229.70V
Frequency U1 : 50.000Hz
Element : 1
dmin : 0.20%

PASS(Under dmin)

Element1 : Pass(Under dmin)
dc (3.30%) : Pass
dmax (4.00%) : Pass
Tmax (500ms) : Pass
Pst (1.00) : Pass
Plt (0.65) : Pass

No.	dc[%]	dmax[%]	Tmax[ms]	Pst
1	0.39	1.44	0.00	0.21
2	0.39	1.45	0.00	0.14
3	0.00	0.00	0.00	0.07
4	0.00	0.00	0.00	0.07
5	0.08	0.57	0.00	0.11
6	0.00	0.00	0.00	0.07
7	0.00	0.00	0.00	0.07
8	0.00	0.00	0.00	0.07
9	0.00	0.00	0.00	0.07
10	0.00	0.00	0.00	0.07
11	0.00	0.00	0.00	0.07
12	0.00	0.00	0.00	0.07

Plt
0.11

TASKalfa 8052ci

Print Date : Tue Aug 23 16:26:33 2016
MeasureDate : Tue Aug 23 16:25:56 2016
Comment : Duplex Print
(Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-3 Ed3.0
IEC61000-4-15 Ed2.0
Interval : 10Min0Sec
Model : YOKOGAWA WT3000
Wiring : single-phase 2wire
Voltage Range : 300.00V
Set Voltage : 230V
Set Frequency : 50Hz
Voltage U1 : 227.85V
Frequency U1 : 50.000Hz
Element : 1
dmin : 0.20%

PASS

Element1 : Pass
dc (3.30%) : Pass
dmax (4.00%) : Pass
Tmax (500ms) : Pass
Pst (1.00) : Pass
Plt (0.65) : Pass

No.	dc[%]	dmax[%]	Tmax[ms]	Pst
1	0.26	0.38	0.00	0.12
				Plt
				0.05

TASKalfa 8052ci

Print Date : Tue Aug 23 16:13:07 2016
MeasureDate : Tue Aug 23 16:12:12 2016
Comment : Duplex Print (A4Y)
(Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-3 Ed3.0
IEC61000-4-15 Ed2.0
Interval : 10Min0Sec
Model : YOKOGAWA WT3000
Wiring : single-phase 2wire
Voltage Range : 300.00V
Set Voltage : 230V
Set Frequency : 50Hz
Voltage U1 : 227.60V
Frequency U1 : 50.000Hz
Element : 1
dmin : 0.20%

PASS

Element1 : Pass
dc (3.30%) : Pass
dmax (4.00%) : Pass
Tmax (500ms) : Pass
Pst (1.00) : Pass
Plt (0.65) : Pass

No.	dc[%]	dmax[%]	Tmax[ms]	Pst
1	0.43	0.52	0.00	0.11
				Plt
				0.05

TASKalfa 8052ci

Print Date : Tue Aug 23 13:28:35 2016
MeasureDate : Tue Aug 23 13:27:27 2016
Comment : Duplex Copy (A4Y)
(Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-3 Ed3.0
IEC61000-4-15 Ed2.0
Interval : 10Min0Sec
Model : YOKOGAWA WT3000
Wiring : single-phase 2wire
Voltage Range : 300.00V
Set Voltage : 230V
Set Frequency : 50Hz
Voltage U1 : 229.39V
Frequency U1 : 50.000Hz
Element : 1
dmin : 0.20%

PASS

Element1 : Pass
dc (3.30%) : Pass
dmax (4.00%) : Pass
Tmax (500ms) : Pass
Pst (1.00) : Pass
Plt (0.65) : Pass

No.	dc[%]	dmax[%]	Tmax[ms]	Pst
1	0.41	0.57	0.00	0.11
				Plt
				0.05

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Print Date : Tue Aug 23 13:14:23 2016
MeasureDate : Tue Aug 23 13:13:32 2016
Comment : 1 Side Copy
(Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-3 Ed3.0
IEC61000-4-15 Ed2.0
Interval : 10Min0Sec
Model : YOKOGAWA WT3000
Wiring : single-phase 2wire
Voltage Range : 300.00V
Set Voltage : 230V
Set Frequency : 50Hz
Voltage U1 : 227.37V
Frequency U1 : 50.000Hz
Element : 1
dmin : 0.20%

PASS

Element1 : Pass
dc (3.30%) : Pass
dmax (4.00%) : Pass
Tmax (500ms) : Pass
Pst (1.00) : Pass
Plt (0.65) : Pass

No.	dc[%]	dmax[%]	Tmax[ms]	Pst
1	0.43	0.62	0.00	0.11
				Plt
				0.05

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Print Date : Tue Aug 23 12:58:38 2016
MeasureDate : Tue Aug 23 12:57:11 2016
Comment : Duplex Copy
(Option)DF-7110, PF-7120, MT-730, BF-730, PH-7, FAX System 12, IB-50, IB-35, NK-7100, Printing System 16, Printing System Interface Kit 15

Regulation : IEC61000-3-3 Ed3.0
IEC61000-4-15 Ed2.0
Interval : 10Min0Sec
Model : YOKOGAWA WT3000
Wiring : single-phase 2wire
Voltage Range : 300.00V
Set Voltage : 230V
Set Frequency : 50Hz
Voltage U1 : 228.32V
Frequency U1 : 50.001Hz
Element : 1
dmin : 0.20%

PASS

Element1 : Pass
dc (3.30%) : Pass
dmax (4.00%) : Pass
Tmax (500ms) : Pass
Pst (1.00) : Pass
Plt (0.65) : Pass

No.	dc[%]	dmax[%]	Tmax[ms]	Pst
1	0.25	0.43	0.00	0.09
				Plt
				0.04