Report No.: AGC079222200301-0002S1 Daate: Mar.25, 22020 Pagee1 of 23

Applicant: Nediis BV

Address: De Tweeling28, 5215 MC's-Hertogenbosch, The Netherlands

1,6/FF.,Building 2,No. 1-4, Chhaxi Sanwei Technical Inndustrial Parkk, Gushu, Xixiang, Baoaan Test site:

Distrrict, Shenzhenn, Guangdongg, China

Report on the submitted sample(s) said to be:

SSample Namee : Please refer to followwing page(s).

Test model No. Please refer to followwing page(s).

SSeries model Please refer to followwing page(s).

Difference beetween test

Please refer to followwing page(s). model and serries model

**Brand** Please refer to followwing page(s).

Manufacturerrs Full Strrike Ltd.

Address 2801 International Technology Building, Shennan Road, Futian Dist., Shenzhen,

518033 PRC

May 177, 2019 SSample Receiived Date:

Testing Period May 177, 2019 to Jul.09, 2019

**Test Requestted:** Please refer to followingg page(s).

Please refer to followingg page(s). **Test Method:** 

Please refer to followingg page(s). **Test Result:** 

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are reis issued by KCC, this document cannot be reproduced except in full with our prior written permission. The more details confirmed at http://www.agc-cett.com.

rel: +86-755 8358 3833 Fax: +86-755 2531 6612 E-margechnical Director Add: Building 2, No. 171, Meihua Road, Shangmeilin, Futian Dist

Attestation of Global Compliance Std. & Tech.





Report No.: AGC07922200301-002S1 Page2 of 23 Date: Mar.25, 2020

Sample Name	Cable/Adapter				
		Full strike article no.	GO	c P	
	- 60	75 E P		- (3)	)
	200	NET580A-2		7	~ C
.0		PCD010N1	)	-	1
- CO	-0	HAD004	- GU	- C+	
1	100	ACF00A	100	100	C
	P 10	DAEP-018		1	10
-0	1 P	FCD165G	- Ci	. 9	P
10	2.O 2	KNC60902E	20-	r.O	
-	100	NET580B-2	P. 3	S- 1	-,0
- 2		TEL201/W	100		-
7.0		PCD010N2	7.0	100	
20	30 .0	PCD010X4S	~ ~ 0	-	7,
	10	PCD010X6	- P.	10°	- 10
6		PCD010X2	es, o	100	2/6
3 - (	2 2	PCD010X2S	- G		
10	- A.O	PCD010X3S	10	7.0	
	Nº .0	PCD010X3	1	100	~.C
7		PCD010X8			16
7.0	P. 1	FCD028	. 60	100	1
120	VO - C	FCD029	F	70	100
	1 10	HAD008	3	<i>-</i>	6
-		HAD035			~
(O)	- C	HAD039	150	_	- 1
	7.0	HAD040	~ (	5 -1	
- 6	70	HAD004	_	10	_
.C		HAD008			14
- 68	1 6	HAD035	0		
	<0°	HAD036	10-	7.0	
	P - C	HAD037	100		- CV
	_ 5	HAD038		-	-
- CO-		HAD039	- 60	100	
1	10 -0	HAD040	F .	0	-51
	100	USB115		7	0
- 6		USB126N	17		-
<6 <sup>1</sup>	-0 =	USB120N USB115	G -	.0	-
1	97.0	USB115 USB126N	-	1	9-
	- NO -	USB118	F-4	N	- 6

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.



Report No.: AGC07922200301-002S1 Date: Mar.25, 2020

1 50	100 -C	USB131	120 . C	0 -6
	10	USB132		707
	- 2	USB116N		P 35
VO_	e G = 2	ACF01A	-C	
P Z	7.0	ACF02A	700	7.0
	100	FVD01		F 104
0		FVD02	JD 7	
F - CV	J C.	FVD03	- 60	C
- 5	10 -C	FVD04		0-20
-	P 30	FVD05		70
- G		FVD06	2.C	3 F
30	60 6	FVD07	20 0	0 ~
100	P - 60	FVD08	N. 12	-09
- 2		FVD09		E 10
- 60	0.00	FVD10	100 m	11 10
1	0 -0	FVD11	5 30	-G
- F	100	FVD12	-	30 . 7.0
- C1		FVD13	. 0	1
0 -20		FVD14	7 20	
100	-60 -6	FVD15	100	60
	500	FVD16		100
U		FVD17	1 6.	
-CO	- C - 2	FVD18	200	A
	30 40	FVD19	F . C	V -0
		FVD20		100
~.C	- P	FVD21		
20	CU P	FVD22	10° _C	0 12
	~ ~ G ~ .	FVD23	N. 10.	c0 a
	- 1	FVD24	S P	35 (6)
30		FDCM-01	- C - 2	
- VO.	C	FDCF-01	-60	P. 1
1 P.	20 - 40	FDCM-02		.G~G
	10	DAEP-001		0-
- 7.0		DAEP-002	- C	
1	100	DAEP-003	200	0 2
	100	DAEP-004	N 100	- CO
		DAEP-005	100	- N
- 600	C	DAEP-006	- CN -	0 6
500	0 -0	DAEP-007	500	in Ci
- F		DAEP-008		20

The results shown if this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ACC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.



Report No.: AGC07922200301-002S1 Date: Mar.25, 2020 Page4 of 23

1	100 -0	DAEP-009	100	-C. I
	100	DAEP-011		70V
		DAEP-013	6	100
VO-	e (1 - 2	DAEP-023	0 -0	
P	7.0	DAEP-012	300	7.0
		DAEP-010		300
0		DAEP-022	0 -	
	N 6	DAEP-019	- 60	6 1
- 1	- CO-	DAEP-024		0 -0
	P 30	DAEP-014		100
		DAEP-015		9) (2)
- 30	20 2	DAEP-016	30 0	0 2
	100	DAEP-017	100	- 60
	-	FCD150G		50
7.0	-	PD03	7.0	11
130	.0 .0	PD04	F 504	-Ci
	70	FCD131NB	_	-C
6.		FCD131NR	6	10
0	.0	FCD134NR	- C	
36	7 7.0	FCD135NB	70	A.O
	F. C.	FCD138N		2.0
		FCD141N		110
- 60		FCD142G	- 60	
	10 -C	FCD146N	F 6	0 6
	1 30	FCD147G	1 24	10°
-0	(I) P	FCD154N		F 3
707	c0 c	FCD155N	64 6	6 5
P	100	FCD156N	- LOY	0
		FCD158N		20 . 60
r.O	e	FCD160N	0 3	F. Flori
0	- C	FCD161N	7.0	-
	10	FCD165N	77	6
	P 50	FCD166N		- VO-
C	1 11	FCD171N	1	
70	- C/	FCD172N	VO- "	C/ 8
	30 70	FCD173N	D 30	20
- 1	1 1	FVD174G	D P	200
0		FVD175G	C	
70	10 F	FCD132NB	10	
100	×04	FCD101N		VOV -1
-		FCD134NB		P 10

The results shown if this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.

No.18 C



Report No.: AGC07922200301-002S1 Date: Mar.25, 2020

500	FCD136NB	SC -C
	FCD137G	
-0 =	FCD101N	-0 - 5
20 20	FCD139N	0 20 2
P 30 1	FCD143N	
	FCD144N	- C
40 6	FCD145N	
COV - C	FCD148N	300 -0
10	FCD149N	20 20
	FCD150G	
* 2G 2	FCD151N	- C = -
30	FCD152N	30 60 6
	FCD153N	200
	FCD162N	
-64	FCD163N	30 6
D	FCD164N	- G
. F N	FCD167G	
-C	FCD100	
0 -0 -	FCD168N	-C
20 - 20	FCD169N	100
	FCD169G	100
7 6 .	FCD170G	
-G	FBNM-01	200
500	FBNF-02	P - G - C
= 10	FRCM-01	500
2 C/	SD090	
10	SD091	6 - 6 - 7
N 50	SD093	10 20
	SD094	
- C	SD095	0 2 7 8
- 00	SD010	60 6
	SD011	200 -0
-, e P	SD012	
2.0	FCD111G	C
Nº 20	FCD101G	20° 20 -
30	AQZ01	N 30 40
The second second	FCD131NY	0 10 10
20	FCD131NB	2.C _ E
10 .00	FCD131NR	0 00
F 50	FCD131NW	100
	FCD198NB	1 1 1 1

The results shown if this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.



Report No.: AGC07922200301-002S1 Date: Mar.25, 2020

	VO~ ~C	P09J	5	GPG
	1 10	P09J		10
-0		FCD130GR	-0	· / 3
VO /	· O	FCD130GB	NO -C	7 2
P 20	- 60	FCD130NB	P NO	- 60 /
	E	FCD130NR		E . O
0 -		FCD133GR	ZD Z	
- LOV	- C.	FCD133GB	200	-6 -
- 5	100	FCD140N		VO~ ~C
	P 30	FCD157N		10
-0	0 7	FCD159N	-0	- P
70	20 2	FCD174N	30	- U
	100	SD072	P 5	-60
		SD073		- E- 1
. 7.50	C .	SD074	- 100	
D ~ (	3 .0	SD075	EF SO	- C
- 1	707	SD082	- 5	30 -
. C.		SD083	. 6	100
30	7 2 "	SD084	GG	
- 20-	- 60	SD085	- 70-	- 60
	E 10	SD092	0	20
7		SD020	J ~	120
- GV	-C =	FCD200N	-0	
	VO Z.G	FS-348	120	60 6
	10	FS-347	E	× 100
~ C/		FAD003		
1	, U , A	FAD001	100 L	
F. 573	-60	FAD002	10	-C
		FCDN30B		30 . 6
-,(-)		FCDN20A	- C 2	Ele-
- CO-	- C	BNC-006	00	- Pi
	10	AC4021BFN	500	- GY - C
5 6	P <0	AC4021BMN		15
G		AC4021RFN	0	
10	a.C.	AC4021RMN	VO-	C S
	30 7.0	AC4021FFN	P 3	20
	1 11	AC4021MMN	0 1	100
O		AC4031MFN	c.Q	- E
70	.0.	AC4032MMN	30 0	
	100	AC4033MFN	1 5	100
	127 4	AC4021RFB		10 10

The results shown if this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.

No.18 C



Report No.: AGC07922200301-002S1 Date: Mar.25, 2020

E G -C	AC4021RMB	1	GG
	AC4021BFN		30
-0 =	AC4021BMN	-0	
20 20 2	AC4021YFN	100	
7 70	AC4021YMN	7 30	-60 1
	AC4021BFB		E . C.
20 2	AC4021BMB	- U.	
C	AC4021RFN	- CO-	-C 1
	AC4021RMN		20 20
	AC4020BMN		10
-0	AC4019BMN	~ C)	9 6
30 20 2	AC4020BFN	30	r. U r
10 700	AC4019BFN	P D	04
	AC4018BMN		- F. O.
- GU C	AC4018BFN	100	e. 1
E 30 - C	AC4021BFFN	DF 40	-Ci
- F 30	AC4021BMMN	- 1	30 60
. C	AC4032BMFN	. (2)	100
3 20 2	AC4031BMFN	J - C.G	
100	AC4032BMMN	30	- 60
	AC4031BMMN		EN 100
1 - 1	AC4012BFN	1 0	100
-0 -	AC4012BMN	- G	-
NO 20	AC4011BFN	100	64 6
	AC4011BMN	E	S 400
-G 2	AC4010BMN	-	1 P. 3
20 20 2	AC4009BMN	- GV	
100	AC4008BMMN	N 50	20
	AC4017BMN		NY . 6
50 c	AC4016BMN	-0 2	
- 0	AC4015BMN	0 - 1	P
	AC4014BMN	500	20° -C
	AC4013BFN		F 10
-0	AC4035BMFN	1	10
N 2.0 1	AC4035BMMN	100	40 -
10 - 40	AC4036BFFN	F 3	9 20
	AC4036BMFN	0 P	110
	P01J	20	A 10 D
Para and an			
20 C	P02J	30 6	U 0
200 CC	P02J P03/04J	30 50	~ CC _ I

The results shown if this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.



Report No.: AGC07922200301-002S1 Date: Mar.25, 2020

	10 -: C	P05J	E CO -C
	F 30	FCDN25B	
- Ci	= -	FCDN26B	- O
U	20 2	FCDN21B	30 60 6
	5 700	FCDN22B	1 10
	- E	FCDN23B	
U ,		FCDN24B	CO C S V
<0'	7 _0	FCDN018A	- C
1	1000	FCDN09A	. 100 20
	P 30	FCDN00B	
~.O	2 2	FCDN01B	Z.G 2
70	- CO C	FCDN13B	30 .00 .
16	E - CO-	FCDN10B	- S
- 7		FCDN14A	
60	- 0	FCDN15A	-60
1	0 -0	FCDN16A	D- 10 -0
6 6	10.	CMFT10MM	- 10 -1
Ci.	- E	CMFT13MM	- 0
100		CMFT7.5MM	0 20 2
110	-60	FS-413	30 -00
	F- 70	HDV005	
- 6		HDV005	
10º	-G :	FCD192N	200
	30 70	FCD201N	F -60 -6
	N. SO	FCF06	100
r.C		FCF04	-C.
9	CU C	FCF03	0 20
_ 12	- CO-	FCF02	30 - 60
n.	o P 3	FCM08	
-		FCM06	0 6 0
-20	7.0	FCM04	50° -0
	100	FCM03	D 30 2
100	1	FCM02	1 10
~ GU	A - 4 - 1 - 11 1' ·		60 4
fferences		Series models and EUT are Fullstrike model number, Ne	except edis model number,Distrelec model number
escription		er are identical except brand.	

The results shown if this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.

No.18 C



**Report No.: AGC07922200301-002S1** Date: Mar.25, 2020 Page9 of 23

Test Requested: Conclusion

1. As specified by client, to determine the Pb, Cd, Hg, Cr<sup>6+</sup>, PBBs, PBDEs content in the submitted sample in accordance with EU RoHS Directive 2011/65/EU(RoHS) and its amendment directives on XRF and Chemical Method.

Pass

2.As specified by client, to determine the DBP, BBP, DEHP, DIBP content in the submitted sample in accordance with Directive 2011/65/EU (RoHS) and its amendment directive (EU) 2015/863.

Pass

#### **Test Methods:**

A:Screening by X-ray Fluorescence Spectrometry (XRF): With reference to IEC 62321-3-1:2013 Ed 1.0 Screening – Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry

#### B:Chemical test:

Test Item	Test Method	Measuring Instrument	MDL
Cadmium (Cd)	IEC 62321-5:2013 Ed 1.0	ICP-OES	2 mg/kg
Lead (Pb)	IEC 62321-5:2013 Ed 1.0	ICP-OES	2 mg/kg
Mercury (Hg)	IEC 62321-4: 2013+A1:2017 Ed 1.1	ICP-OES	2 mg/kg
Non-metal  Hexavalent Chromium (Cr ) 6+	IEC 62321-7-2:2017 Ed 1.0	UV-Vis	1 mg/kg
Metal Hexavalent Chromium (Cr ) 6+	IEC 62321-7-1:2015 Ed 1.0	UV-Vis	/
PBBs/PBDEs	IEC 62321-6:2015 Ed 1.0	GC-MS	5 mg/kg

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cent.com.



**Report No.: AGC07922200301-002S1** Date: Mar.25, 2020 Page10 of 23

#### **Test Results:**

A . EU RoHS Directive 2011/65/EU and its amendment directives on XRF

Seq. No.	Tested Part(s)	0 /	Results(mg/kg)				
	resicu i art(s)	Cd	BL H BL H BL H BL H COL* H BL H BL H	Hg	Cr	Br	
Netwo	ork adapter (CCBW89000AT)	5 3	1	- 3	,U	<b>C</b>	
1, -	Black plastic shell(Shell)	BL	BL	BL	BL	BL	
2	Black plastic seat(Mesh socket)	BL	BL	BL	BL	X*	
3	Contact pin(Mesh socket)	BL	BL	BL	BL	7	
4	Tin solder(Circuit board)	BL	BL	BL	BL	8.8	
5	PCB board(Circuit board)	BL	BL	BL	BL	X*	
F hea	d (CSBW41913ME)	0 -	0	1	Y	1	
6	Silvery metal joint(F head)	BL	OL*	BL	BL	-	
7	Silver metal screw thread ring(F head)	X*	OL*	BL	BL	9	
8	Black seal ring(F head)	BL	BL	BL	BL	BL	
HDM	I Adapter (KNC60902E)	-	1700	70	0	-0	
9	Black handle	BL	BL	BL	BL	BL	
10	Milk white inner glue	BL	BL	BL	BL	BL	
11	HDMI metal joint(HDMI joint)	BL	BL	BL	BL	)	
12	Black plastic contact(HDMI joint)	BL	BL	BL	BL	BL	
13	Contact pin(HDMI joint)	BL	BL	BL	BL	-	
14	PCB board	BL	BL	BL	BL	X*	
15	Tin solder	BL	BL	BL	BL	۲.	
16	Black plastic frame	BL	BL	BL	BL	BL	
USB .	Adapter (KNC60902E)	C.C	- /		P		
17	Black handle	BL	BL	BL	BL	BL	
18	USB metal joint(USB joint)	BL	BL	BL	X*	٧.	
19	White plastic contact(USB joint)	BL	BL	BL	BL	X*	
20	Contact pin(USB joint)	BL	BL	BL	BL	-	

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cept.com.



Report No.: AGC07922200301-002S1 Date: Mar.25, 2020 Page11 of 23

Seq.	Tested Part(s)		Results(mg/kg)				
No.	resieu i ari(s)	Cd	Pb	Hg	Cr	Br	
21	Tin solder	BL	BL	BL	BL		
22	Milk white inner glue	BL	BL	BL	BL	BL	
23	Mini metal joint(Mini joint)		BL	BL	X*	7	
24	Black plastic contact(Mini joint)	BL	BL	BL	BL	BL	
25	Contact pin(Mini joint)		BL	BL	BL	34	
26	Red wire jacket(Connecting line)	BL	BL	BL	BL	BL	
27	Wire core(Connecting line)		BL	BL	BL	9 -	
28	White wire jacket(Connecting line)	BL	BL	BL	BL	BL	
Fiber	optic adapter (OPT-90PLUG)	10	~ (	,0	- 6		
29	Black plastic handle(Fiber optic adapter)	BL	BL	BL	BL	BL	
30	Black plastic inner shell(Fiber optic adapter)	BL	BL	BL	BL	BL	
31	Silver pin(Fiber optic adapter)	BL	OL*	BL	BL	- 1	
32	Copper colored metal joint(Fiber optic adapter)	BL	OL*	BL	BL	0-	
33	Transparent rubber sleeve(Fiber optic adapter)	BL	BL	BL	BL	BL	
34	Copper contact pin(Fiber optic adapter)	BL	OL*	BL	BL	0 -	
35	Black coat(Fiber optic adapter)	BL	BL	BL	BL	BL	
36	Transparent Fiber Core(Fiber optic adapter)	BL	BL	BL	BL	BL	
Powe	r plug/adapter(PPGP11805BK)		12	1	0	- 6	
37	Black plastic shell(Plug)	BL	BL	BL	BL	X*	
38	Silver metal fastener(Plug)	BL	BL	BL	BL	- 0	
39	Silver metal terminal(Plug)	BL	BL	BL	BL	<b>9</b> -	
40	Black thread button(Plug)	BL	OL*	BL	BL	BL	
41	Silver screw(Plug)	BL	BL	BL	BL	<i>U</i> .	
Audio	o adapter/plug (TOKA-010N)	0	Ć.		100	- 7	
42	Black plastic shell(Shell)	BL	BL	BL	BL	BL	
43	White inner glue(Joint)	BL	BL	BL	BL	BL	

The results shown in this less report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.



**Report No.: AGC07922200301-002S1** Date: Mar.25, 2020 Page12 of 23

Seq.	Tested Part(s)		Re	sults(mg/kg	<b>g</b> )	
No.	resieu i ari(s)	Cd	Pb	Hg	Cr	Br
44	Copper Metal Interface(Joint)	BL	BL	BL	BL	- 1
45	Copper metal left vocal tract(Audio plug)	BL	OL*	BL	BL	1
46	Copper metal right vocal tract(Audio plug)	BL	BL	BL	BL	7
47	Black plastic(Audio plug)	BL	BL	BL	BL	BL
48	Copper Grounding Metal(Audio plug)		BL	BL	BL	9
49	Black Plastic Insulation Board(Audio plug)	BL	BL	BL	BL	BL
50	Silver metal tube(Audio plug)	BL	BL	BL	BL	J -
51	Milky white plastic ring(Audio plug)	BL	BL	BL	BL	BL
52	Rivet(Audio plug)	BL	BL	BL	BL	- "
53	Silver metal sheet(Audio plug)	BL	BL	BL	BL	. 6

Element Unit		Non-metal	Metal	Composite Material
Cd	mg/kg	BL≤70-3σ <x &lt;130+3σ≤OL</x 	BL≤70-3σ <x &lt;130+3σ≤OL</x 	BL≤50-3σ <x &lt;150+3σ≤OL</x 
Pb	mg/kg	BL≤700-3σ <x &lt;1300+3σ≤OL</x 	BL≤700-3σ <x &lt;1300+3σ≤OL</x 	BL≤500-3σ <x &lt;1500+3σ≤OL</x 
Hg	mg/kg	BL≤700-3σ <x &lt;1300+3σ≤OL</x 	BL≤700-3σ <x &lt;1300+3σ≤OL</x 	BL≤500-3σ <x &lt;1500+3σ≤OL</x 
Cr	mg/kg	BL≤700-3σ <x< td=""><td>BL≤700-3σ<x< td=""><td>BL≤500-3σ<x< td=""></x<></td></x<></td></x<>	BL≤700-3σ <x< td=""><td>BL≤500-3σ<x< td=""></x<></td></x<>	BL≤500-3σ <x< td=""></x<>
Br	mg/kg	BL≤300-3σ <x< td=""><td>0 2</td><td>BL≤250-3σ<x< td=""></x<></td></x<>	0 2	BL≤250-3σ <x< td=""></x<>

Note: BL= Below Limit

OL= Over limited X= Inconclusive "-"= Not regulated

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.agc-cett.com.

<sup>\*=</sup> Scanning by XRF and detected by chemical method. The test results of chemical method please refer to next pages.



**Report No.: AGC07922200301-002S1** Date: Mar.25, 2020 Page 13 of 23

#### Remark:

Results were obtained by XRF for primary scanning, and further chemical testing by ICP (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) are recommended to be performed, if the concentration exceeds the above warning value according to IEC 62321-3-1:2013 Ed 1.0.

The XRF scanning test for RoHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.

iii The maximum permissible limit is quoted from RoHS directive 2011/65/EU:

RoHS Restricted Substances	Maximum Concentration Value (mg/kg) (by weight in homogenous materials)
Cadmium (Cd)	100
Lead (Pb)	1000
Mercury (Hg)	1000
Hexavalent Chromium (Cr(VI))	1000
Polybrominated biphenyls (PBBs)	1000
Polybrominateddiphenylethers (PBDEs)	1000

#### Disclaimers:

This XRF Scanning report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF screening report is sufficient for its/his/her purposes.

The result shown in this XRF scanning report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis are required to obtain quantitative data.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ACC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cert.com.



**Report No.: AGC07922200301-002S1** Date: Mar.25, 2020 Page14 of 23

#### **B.** The Test Results of Chemical Method:

1) The Test Results of Pb& Cd

Test Item(s)	Unit				Result(s)			
Test Item(s)	6	7	31	32	34	40	45	
Lead(Pb)	mg/kg	31014*	32430*	26943*	28389*	22967*	500	27211*

Test Item(s) Unit		Result(s)
Test Item(s)	C C 7	
Cadmium(Cd)	mg/kg	30

Note: N.D. = Not Detected or less than MDL

mg/kg = parts per million

MDL = Method Detection Limit

\* 1= As claimed by the material declaration submitted by the client, the materials of the sample No.6,No.7, No.31,No.32,No.34,No.40 and No.45 are copper alloy, according to the RoHS 2011/65 / EU, Lead is exempted as analloying element inCopper containing up to 4% (40000ppm) by weight.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.



**Report No.: AGC07922200301-002S1** Date: Mar.25, 2020 Page15 of 23

2)The Test Results of metalCr6+

Test Item(s)	MDL	Result(s)				
Test Item(s)	WIDE	18	23	Limit		
Hexavalent Chromium (Cr <sup>6+</sup> )	See note	Negative	Negative	#		

#### Note

- Negative = Absence of Cr(VI) on the tested areas
- MDL = Method Detection Limit
- Boiling-water-extraction:

Number	Colorimetric result (Cr(VI) concentration)	Qualitative result
10	The sample solution is <the 0,10="" cm="" comparison="" equivalent="" solution<="" standard="" td="" µg=""><td>The sample is negative for Cr(VI) – The Cr(VI) concentration is below the limit of quantification.  The coating is considered a non-Cr(VI) based coating.</td></the>	The sample is negative for Cr(VI) – The Cr(VI) concentration is below the limit of quantification.  The coating is considered a non-Cr(VI) based coating.
2	The sample solution is $\geq$ the 0,10 µg/cm <sup>2</sup> and $\leq$ the0,13 µg/cm <sup>2</sup> equivalent comparison standard solutions	The result is considered to be inconclusive – Unavoidable coating variations may influence thedetermination.
3	The sample solution is > the 0,13 µg/cm equivalent comparison standard solution	The sample is positive for Cr(VI) – The Cr(VI) concentration is above the limit of quantification andthe statistical margin of error. The sample coating is considered to contain Cr(VI).

- # =Negative indicates the absence of Cr(VI) on the tested areas concentration is below the limit of quantification.

The coating is considered a non-Cr(VI) based coating.

Uncertainty indicates the absence of Cr(VI) on the tested areasunavoidable coating variations may influence the determination.

Positive indicates the presence of Cr(VI) on the tested areas concentration is above the limit of quantification andthe statistical margin of error. The sample coating is considered to contain Cr(VI).

Storage conditions and production date of the tested sample are unavailable and thus result of Cr(VI) represent status of the sample at the time of testing.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.



**Report No.: AGC07922200301-002S1** Date: Mar.25, 2020 Page16 of 23

3) The Test Results of PBBs & PBDEs

Unit:mg/kg

Item(s)	MDL	250	<0°	Result(s)	O/	6	Unit:mg/k
item(s)	MIDL	2	5	14	19	37	
Polybrominated Biphenyls (PBI	Bs)						
Monobromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	. 10
Dibromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	- C
Tetrabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	100
Pentabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	Total PBBs
Hexabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	Content < 1000
Heptabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	Coment
Octabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	1
Nonabromodiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	- C
Decabromodiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	0
Total content	/	N.D.	N.D.	N.D.	N.D.	N.D.	
PolybrominatedDiphenylethers	(PBDEs)						
Monobromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	- 0
Dibromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	100
Tribromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	-0
Pentabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	Total PBDEs
Hexabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	Content < 1000
Heptabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	Coment
Octabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	0
Nonabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	1
Decabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	0
Total content	/	N.D.	N.D.	N.D.	N.D.	N.D.	7 - CO
Conclusion	/	Pass	Pass	Pass	Pass	Pass	/

Note: N.D. = Not Detected or less than MDL

mg/kg = parts per million
MDL = Method Detection Limit

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.



**Report No.: AGC07922200301-002S1** Date: Mar.25, 2020 Page 17 of 23

#### 3.Test result of DBP, BBP, DEHP, DIBP content

Test Method: IEC 62321-8:2017; Equipment: GC-MS

Test Wedlod, ILC	Substance	MDL	Limit
DIBP	Di-iso-butyl phthalate	50 mg/kg	1000 mg/kg
DBP	Dibutyl phthalate	50 mg/kg	1000 mg/kg
BBP	Butylbenzyl phthalate	50 mg/kg	1000 mg/kg
DEHP	Di-(2-ethylhexyl) Phthalate	50 mg/kg	1000 mg/kg

Unit: mg/kg

Test item	DWD	200	DDD	DEMD	G	
Seq. No.	DIBP	DBP	BBP	DEHP	Conclusion	
1	N.D.	N.D.	N.D.	N.D.	Pass	
2	N.D.	N.D.	N.D.	N.D.	Pass	
5	N.D.	N.D.	N.D.	N.D.	Pass	
8	N.D.	N.D.	N.D.	N.D.	Pass	
9	N.D.	N.D.	N.D.	N.D.	Pass	
10	N.D.	N.D.	N.D.	N.D.	Pass	
12	N.D.	N.D.	N.D.	N.D.	Pass	
14	N.D.	N.D.	N.D.	N.D.	Pass	
16	N.D.	N.D.	N.D.	N.D.	Pass	
17	N.D.	N.D.	N.D.	N.D.	Pass	
19	N.D.	N.D.	N.D.	N.D.	Pass	
22	N.D.	N.D.	N.D.	N.D.	Pass	
24	N.D.	N.D.	N.D.	N.D.	Pass	
26	N.D.	N.D.	N.D.	N.D.	Pass	
28	N.D.	N.D.	N.D.	N.D.	Pass	
29	N.D.	N.D.	N.D.	N.D.	Pass	
30	N.D.	N.D.	N.D.	N.D.	Pass	
33	N.D.	N.D.	N.D.	N.D.	Pass	
35	N.D.	N.D.	N.D.	N.D.	Pass	

The results shown if this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ACC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.



**Report No.: AGC07922200301-002S1** Date: Mar.25, 2020 Page 18 of 23

Test item Seq. No.	DIBP	DBP	ВВР	DEHP	Conclusion
36	N.D.	N.D.	N.D.	N.D.	Pass
37	N.D.	N.D.	N.D.	N.D.	Pass
40	N.D.	N.D.	N.D.	N.D.	Pass
42	N.D.	N.D.	N.D.	N.D.	Pass
43	N.D.	N.D.	N.D.	N.D.	Pass
47	N.D.	N.D.	N.D.	N.D.	Pass
49	N.D.	N.D.	N.D.	N.D.	Pass
51	N.D.	N.D.	N.D.	N.D.	Pass

**Note:** 1. MDL=Method Detection Limit

2. N.D.=Not Detected(less than method detection limit)

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.



**Report No.: AGC07922200301-002S1** Date: Mar.25, 2020 Page19 of 23

#### **Test Flow Chart** 1.For Pb& Cd Acid digestion with Weigh Sample Sample Preparation microwave/hotplate **DATA ICP-OES** Filtration 2.For metal Cr(VI) Boiling water extraction Adding 1,5- diphenylcarbazide for color Sample(s) Preparation development Compare with $0.1 \,\mu\text{g/cm}^2$ and $0.13 \,\mu\text{g/cm}^2$ standard **UV-Vis DATA** solution 3.For PBBs, PBDEs, DBP, BBP, DEHP, DIBP Cutting/Preparation Weigh Sample Sample solvent extraction Concentration/ Dilution of Extracted solution DATA GC-MS Filtration

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.

No.10 C

Attestation of Global Compliance Std. & Tech.



**Report No.: AGC07922200301-002S1** Date: Mar.25, 2020 Page20 of 23

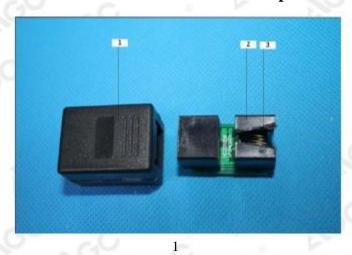
Test result on specimen No.8 and No.40 were resubmitted sample on Jun.20,2019.

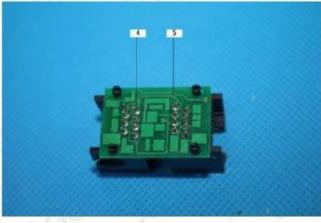
This report is to supersede the report with No.: AGC07922190501-004 dated on Jul.09, 2019.

As client's request, add this report that the results are copied from report No.: AGC07922190501-004S1.

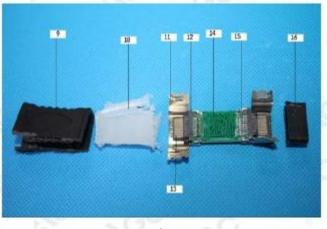
This report is to supersede the report with No.: AGC07922200301-002 dated on Mar.20, 2020.

#### The photo of the sample









40

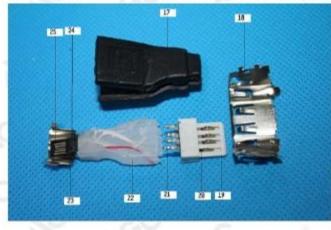
The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ACC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.



Report No.: AGC07922200301-002S1

Date: Mar.25, 2020

Page21 of 23

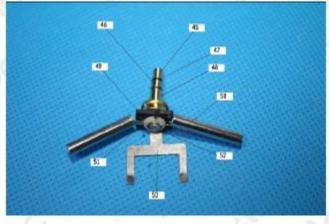












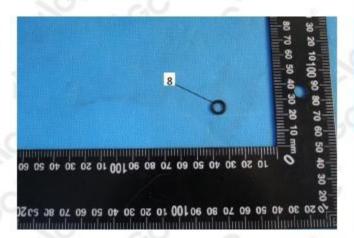
The results spown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ACC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.

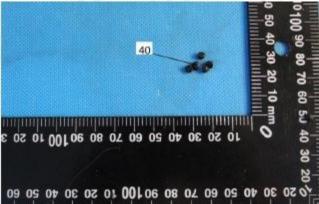
Attestation of Global Compliance Std. & Tech.



Date: Mar.25, 2020

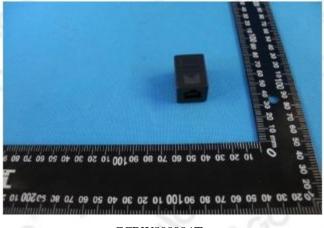
Report No.: AGC07922200301-002S1



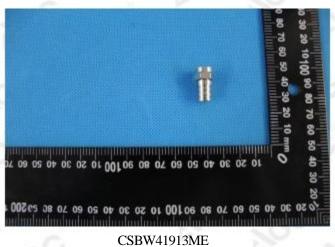


Page22 of 23





CAGP25920BK



CCBW89000AT



CVGB34900BK

C3D W 41713WII

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.

Attestation of Global Compliance Std. & Tech.

AGC

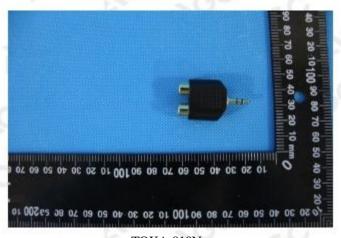


**Report No.: AGC07922200301-002S1** Date: Mar.25, 2020 Page23 of 23



KNC60902E

PPGP11805BK



TOKA-010N

#### AGC07922200301-002S1

AGC authenticate the photo only on original report

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

The results shown if this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attra, I www.agc-cett.com.

Add: Building 2, No. 171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China

Attestation of Global Compliance Std. & Tech.