

RoHS TEST REPORT No. B17Z60411-SEM01

Applicant Name:

Shanghai Simcom Wireless Solution Ltd.

Applicant Address:

Building A, SIM Technology Building., No. 633, Jinzhong

Rd, Changning Disdrict, Shanghai, P.R.China

Manufacture Name:

Shanghai Simcom Wireless Solution Ltd.

Manufacture Address:

Building A, SIM Technology Building., No. 633, Jinzhong

Rd, Changning Disdrict, Shanghai, P.R.China

Product Name:

Smart Module

Product Model:

SIM5300E

Date of Sample received: Date of Test Finished: 2017-03-21

T--4 D-----4--

2017-04-07

Test Requested:

With reference to RoHS Directive (EU)2015/863 amending Annex II

2011/65/EU

Test Method:

Please refer to next page(s)

Test Result:

Please refer to next page(s)

Test Conclusion:

Based on the verification results of the submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyl (PBBs), Polybrominated diphenyl ethers (PBDEs), DEHP, BBP, DBP, DIBP comply with the limits as set by RoHS Directive 2015/863 and 2011/65 Annex II; recasting

2002/95/EC.

Remark:

All the materials of this smart phone (model: SIM5300E) are nearly the same as the one (model: SIM5300EA, test report No. B17Z60315-SEM01). SIM 5300EA has more materials (No. 240-2、240-3、360-3、420、430) than SIM5300E. Thus the results refer to

test report No. B17Z60315-SEM01

Chief tester: Hoo Xu

Xu

Audited by:

Approved by: 卢泰阳

Date: 2017-04-07

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of CTTL.

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Reference Method

- 1. With reference to IEC 62321-2:2013, review was performed for the samples disjointed from the submitted articles.
- 2. With reference to IEC 62321-1:2013, tests were performed for the samples indicated by the photos in the report.
- (1) With reference to IEC 62321-3-1:2013, screening by EDXRF Spectroscopy;
- (2) Wet Chemical Test Method:
- a. With reference to IEC 62321-5:2013, determination of Cadmium and Lead by ICP-OES;
- b. With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES;
- c. With reference to IEC 62321-7-1:2015, determination of Hexavalent Chromium by spot test,
- 3.With reference to CPSC-CH-C1001-09.3 and GB/T 29786-2013, determination of DEHP, BBP,DBP,DIBP were performed for the samples indicated by the photos in the report.



Test Results

	Unit:	mg/kg				-				
				X-ray So	creening	Spot-test/ UV-vis	ICP-OES	GC/MS for PBB/PBDE	GC/MS for PHTHALATES	
No.	Part No.	Description	Figure	Element	Data	Cr(VI)	Pb/Hg/Cd	PBB/PBDE	DEHP/BBP DBP/DIBP	
				Pb	BL					
				Cd	BL	1				
				Hg	BL					
				Cr	BL				_	
		DE0 ME 0D		Br	BL					
10-1	X00011000	RES MF 0R +/-5% 1/20W		Cr ⁸⁴						
10-1	155@1	CH0201 RO		PBB						
			10-1	PBDE DEHP					BL	
			The state of the s	BBP					BL	
				DBP					BL	
				DIBP					BL	
				Pb	BL					
				Cd	BL	_				
				Hg	BL	-				
		(Cr	BL BL	+			_	
	V00044000	RES MF OR		Br Cr ⁶⁺	BL	-				
10-3	X00011000 155@3	+/-5% 1/20W		PBB				_		
		CH0201 RO		PBDE	i					
	1		10-3	DEHP	_				BL	
			and the second	BBP					BL	
				DBP					BL	
				DIBP					BL	
				Pb	BL BL	+				
				Cd Hg	BL	-				
					Cr	BL				_
		DE0 ME 4 7D		Br	BL					
20	X00011020	RES MF 4.7R +/-1% 1/20W		Cr ⁶⁺		_				
20	344@1	CH0201 R	建工业 (1)	PBB	-					
			20	PBDE DEHP					BL	
			100	BBP					BL	
				DBP]				BL	
				DIBP					BL	
				Pb	BL					
				Cd	BL BL	-				
				Hg Cr	BL				L	
				Br	BL					
30-1	X00011000	RES_MF_100R_ +/5%_1/20W_C		Сг ⁶⁺			_	-		
30-1	335@1	H0201 RO	THE RESERVE	PBB					1	
			30-1	PBDE					BL	
			30 I	DEHP BBP	_				BL	
				DBP	1				BL	
				DIBP					BL	
				Pb	BL	1				
				Cd	BL					
				Hq	BL BL	-				
				Cr Br	BL				4.5	
	X00011000	RES MF 1.5K	Contract of the last	Cr ⁶⁺			Special Control			
40-1	354@1	+/-5% 1/20W CH0201 RO		PBB		-				
		CHUZUI KU		PBDE						
			40-1	DEHP					BL	
				BBP	-				BL BL	
				DBP	4				BL	

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N.	Dord No.	Description	Figure	X-ray So	creening	Spot-test/ UV-vis	ICP-OES	GC/MS for PBB/PBDE	GC/MS for PHTHALATES
No.	Part No.	Description	rigure	Element	Data	Cr(VI)	Pb/Hg/Cd	PBB/PBDE	DEHP/BBP DBP/DIBP
				Pb	BL				
				Cd	BL	-			
				Hg	BL				
				Cr	BL	-			
		RES_MF_2.2K_		Br Cr ⁶⁺	BL	-			
50-1	X00011000 336@1	+/5% 1/20W C		PBB		-		-	
	000@1	H0201 RO	EQ.1	PBDE					
			50-1	DEHP					BL
				BBP	1				BL
				DBP					BL
				DIBP					BL
				Pb	BL				
				Cd	BL				
			THE RESERVE OF THE PARTY OF THE	Hg	BL	-			
				Cr	BL	-			_
		RES MF 4.7KR		Br	BL	_			
60-1	X00011000	+/-5% 1/20W	2	Cr ⁶⁺	-				
	397@1	CH0201 RO		PBB	-				
			60-1	DEHP	-				BL
			05 001	BBP	-				BL
				DBP					BL
				DIBP					BL
				Pb	BL				
				Cd	BL				
				Hg	BL	-	-		1
				Cr	BL				
				Br	BL				1001
70-1	X00011000	RES MF 100K +/-5% 1/20W		Cr ⁸⁺					
70-1	156@1	CH0201 RO	THE RESERVE TO SERVE THE PARTY OF THE PARTY	PBB					
			70-1	PBDE	-				
			1 4 1	DEHP	_				BL BL
				BBP	-				BL
				DBP	+				BL
_				DIBP	BL	+	-		- DL
				Cd	BL	-			1
				Hg	BL				
			THE RESERVE OF THE PARTY OF THE	Cr	BL	1			
				Br	BL				
00	X00011000	RES MF 4.02KR	MARCHINE SLEE	Cr ⁶⁺				**	
80	426@1	+/-1% 1/16W CH0402 RO	9 4	PBB		8.777		-	1
		55702 110	80	PBDE	1	1			
			001	DEHP		1			BL
				BBP	1				BL
				DBP	-				BL BL
				DIBP	DI				BL
				Pb	BL BL	-			
				Hg	BL	-			
			The Real Property lies	Cr	BL	1			
				Br	BL				100
	X00011000	RES MF 0R		Cr ⁶⁺		0.000			
90-4	094@4	+/-5% 1/16W CH	STATE LET	PBB	1	O=-		_	
		0402 RO	90-4	PBDE					
			30'4	DEHP	_				BL
				BBP		1			BL
	1			DBP		1			BL
	1			DIBP					BL

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Na	Part No.	Description	Figure	X-ray So	reening	Spot-test/ UV-vis	ICP-OES	GC/MS for PBB/PBDE	GC/MS for PHTHALATES
No.	Part No.	Description	rigure	Element	Data	Cr(VI)	Pb/Hg/Cd	PBB/PBDE	DEHP/BBP DBP/DIBP
				Pb	BL				
				Cd	BL				
				Hg	BL				1
				Cr	BL				
		RES NTC 10KR		Br	BL				
100	X00011020	+/-1%? 3380		Cr ⁶⁺		_			
100	169@1	1/10W CH0201		PBB					
		RO	100	PBDE					DI
			100	DEHP	_				BL BL
				BBP					BL
				DBP					BL
				DIBP					DL
				Pb	BL	4			
				Cd	BL	4			
				Hg	BL	-			
				Cr	BL	4			m
		CAP COG 18PF		Br	BL	-			
110	X00012020 124@1	+/-5% 50V		Cr ⁶⁺		5. 411		_	
110	124@1	CH0201 RO	A STATE OF THE STA	PBB					
			110	PBDE					
			(A)	DEHP	-				BL
				BBP					BL
				DBP					BL
				DIBP		_			BL
				Pb	BL				
				Cd	BL	_			
			Birth Control	Hg	BL		_		
			E NEXT - PARTY	Cr	BL			-	-
		CAP COG 22PF		Br	BL				
120-2	X00012100 149@2	+/-5% 50V		Cr ⁶⁺					
	149@2	CH0201 RO	8	PBB					
			120-2	PBDE					BL
			the same	DEHP	-				BL
				BBP					BL
				DBP					BL
				DIBP	-				- BL
				Pb	BL	-			
				Cd	BL	-			
				Hg	BL	-			
				Cr	BL	-			-
		CAP CM1 22PF		Br Cr ⁶⁺	BL	-	1		
120-3	X00012100 211@1	+/-5% 25V					-		
	ושווי	CH0201 RO	Electrical Park	PBB					
			120-3	PBDE		1			BL
			66	DEHP	155				BL
				BBP DBP					BL
				DIBP					BL
				Pb	BL				J.
				Cd	BL	===			
				Hg	BL				
				Cr	BL	= 1			
				Br	BL	-			_
	V00040000	CAP COG 33PF		Cr ⁶⁺	DL	-			
130-2	X00012020 477@2	+/-5% 50V	A SECURITION OF THE PERSON OF	PBB		-		; 4=	
		CH0201 RO	120.0	PBDE					
			130-2	DEHP					BL
			001.5	BBP	1.775				BL
				DBP					BL

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			-	X-ray So	reening	Spot-test/ UV-vis	ICP-OES	GC/MS for PBB/PBDE	GC/MS for PHTHALATES
No.	Part No.	Description	Figure	Element	Data	Cr(VI)	Pb/Hg/Cd	PBB/PBDE	DEHP/BBP DBP/DIBP
				Pb	BL				
				Cd	BL		1		
				Hg	BL				
				Cr	BL				
		CAP NPO 39PF	THE REAL PROPERTY.	Br	BL	-			
140	X00012020 486@1	+/-5% 25V		Cr ⁶⁺			- 1	_	
	400@1	CH0201 RO		PBB PBDE					
			140	DEHP	_				BL
			40 m	BBP					BL
				DBP					BL
				DIBP					BL
	-			Pb	BL				
				Cd	BL				
				Hg	BL	_			
				Cr	BL				
		CAP X5R 1.0NF		Br	BL	4			
150-2	X00012020	+/-10% 25V	THE REAL PROPERTY.	Cr ⁶⁺		-	-	100	
.00 _	451@1	CH0201 RO		PBB					
			150-2	PBDE					BL
			Name of the last o	DEHP BBP	-				BL
				DBP					BL
				DIBP					BL
				Pb	BL				
				Cd	BL	_			
			AD 0.00 A P. M.	Hg	BL		_		
				Cr	BL			_	
				Br	BL				
160-1	X00012020	CAP C0G 4.7NF +/-10% 10V		Сг ⁶⁺					
100-1	200@1	CH0201 RH		PBB					
			160-1	PBDE		1			
			100 0	DEHP					BL BL
				BBP					BL
				DBP					BL
				Pb	BL	-			DE
				Cd	BL	+			
			72	Hg	BL	1			
				Cr	BL				
				Br	BL				
170	X00012020	CAP X7R 10NF +/-10% 10V		Cr ⁶⁺		_	-	_	
170	484@1	CH0201 RO		PBB					
			170	PBDE	£				
				DEHP					BL
				BBP					BL BL
				DBP					BL
				PP	BL				DL
				Cd	BL	1			
				Hg	BL				
				Cr	BL				_
			A Translation	Br	BL				_
400	X00012020	CAP X5R 47NF +/-10% 6.3V	A STATE OF THE PERSON NAMED IN	Cr ⁶⁺					
180	194@1	CH0201 RH	A SHARE WELL BOOK AND ADDRESS OF THE PARTY O	PBB		100	1775	Centr	
			180	PBDE		1			
			100	DEHP		1			BL
				BBP					BL
				DBP	:	1			BL BL
		to the second se	II.	DIBP		11	1	I .	DL.

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	5		E:	X-ray So	reening	Spot-test/ UV-vis	ICP-OES	GC/MS for PBB/PBDE	GC/MS for PHTHALATES
No,	Part No.	Description	Figure	Element	Data	Cr(VI)	Pb/Hg/Cd	PBB/PBDE	DEHP/BBP DBP/DIBP
				Pb	BL				
				Cd	BL				
				Hg	BL				
				Cr	BL				
		CAP X5R 100NF		Br	BL				
190-2	X00012100 152@2	+/-10% 10V		Cr ⁶⁺		-1	- 1	: =1	
	132@2	CH0201 RO	The second second second	PBB PBDE					
			190-2	DEHP	_				BL
				BBP	· _				BL
				DBP	5				BL
				DIBP					BL
				Pb	BL				
				Cd	BL				
				Hg	BL				
				Cr	BL				
		CAP X5R 100NF		Br	BL				
190-8	X00012100	+/10% 6.3V		Cr ⁶⁺		_	_	-	
	214@4	CH0201 RO		PBB					
			190-8	PBDE	1227				DI
			200.20	DEHP				BL BL	
				BBP DBP					BL
				DIBP					BL
		-		Pb	BL				
				Cd	BL	1			
		CAP X5R 220NF		Hg	BL	-			
			Manager Parket	Cr	BL			_	
			A DESCRIPTION OF	Br	BL				-
200-3	X00012100		AP X5R 220NF +/-20% 6.3V	Cr ⁶⁺					
200-3	151@3	CH0201 RO	2 4	PBB					
			200-3	PBDE					
			400 0	DEHP	-				BL
				BBP					BL
				DBP					BL BL
				DIBP	DI				BL
				Pb	BL	-			
				Cd Hg	BL BL	-			1
				Cr	BL				1
				Br	BL				_
	X00012020	CAP X5R 1UF		Cr ⁶⁺		1			
210-2	017@2	+/-20% 6.3V CH0201 RO		PBB		_	175	S 	
		CHOZOTIKO		PBDE					
			210-2	DEHP	: -				BL
				BBP					BL
				DBP					BL
				DIBP					BL
				Pb	BL	-			
				Cd	BL	-			
			Marie Tarana and American	Hg	BL				
			A Table of the last	Cr Br	BL BL	+			
	V00040400	CAP X5R 1UF		Cr ⁶⁺	DL	-			
220-1	X00012100 088@1	+/-10% 6.3V	BOOK IN THE	PBB		-	-	-	
		CH0402 RO		PBDE					
			220-1	DEHP	-				BL
				BBP					BL
				DBP					BL
	T.	L		DIBP		1	I		BL

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NI.	Dord No.	Description	Eiguro	X-ray So	reening	Spot-test/ UV-vis	ICP-OES	GC/MS for PBB/PBDE	GC/MS for PHTHALATES
No.	Part No.	Description	Figure	Element	Data	Cr(VI)	Pb/Hg/Cd	PBB/PBDE	DEHP/BBP DBP/DIBP
				Pb	BL				
				Cd	BL				
				Hg	BL	_			
				Cr	BL	-			-
		CAP X5R 1UF		Br Cr ⁶⁺	BL	-			
220-6	X00012100 120@2	+/-10% 10V		PBB		_	-	(
	12062	CH0402 RO		PBDE					
			220-6	DEHP	-				BL
			1807	BBP					BL
				DBP					BL
				DIBP					BL
				Pb	BL	,			
				Cd	BL	1			
				Hg	BL				
				Cr	BL	-			-
		CAP X5R 4.7UF		Br O-8+	BL	 			
230-1	X00012020 057@1	+/-20% 10V		Cr ⁸⁺			-	_	
	03/02/	CH0402 RO	A STATE OF THE STA	PBDE					
			230-1	DEHP	120				BL
				BBP					BL
				DBP					BL
				DIBP					BL
				Pb	BL				
				Cd	BL				
			AP X5R 4.7UF	Hg	BL		_		
				Cr	BL			-	_
		CAD VED 4 7HE		Br	BL				
230-2	X00012020	+/-20% 10V		Cr ⁶⁺		_			
	102@1	CH0402 RO		PBB					
			230-2	PBDE	1000				BL
			2002	DEHP BBP					BL
				DBP					BL
				DIBP					BL
				Pb	BL		1		
				Cd	BL	1			
				Hg	BL	ji			
				Cr	BL				
		CAR VER 4 THE		Br	BL	1			
230-3	X00012020	CAP X5R 4.7UF +/-20% 6.3V	A DESCRIPTION OF THE PERSON NAMED IN COLUMN 1	Cr ⁶⁺		-	-	_	
200-0	268@1	0402 +0.03 RO		PBB		1	: =15		
			230-3	PBDE					- DI
				DEHP					BL BL
				DBP					BL
				DIBP					BL
				Pb	BL				
				Cd	BL	1			
				Hg	BL				
				Cr	BL				1942
		04B V=B :=::=		Br	BL				_
230-4	X00012100	CAP X5R 4.7UF +/-20% 6.3V		Cr ⁶⁺		1 _		-	
230-4	484@1	CH0402 RO		PBB			1 33		
			230-4	PBDE					
				DEHP	-				BL
				BBP					BL BL
				DBP					BL
	1			רסוט .		1			

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	Dord No.	Description	Eiguro	X-ray Sc	reening	Spot-test/ UV-vis	ICP-OES	GC/MS for PBB/PBDE	GC/MS for PHTHALATES
No.	Part No.	Description	Figure	Element	Data	Cr(VI)	Pb/Hg/Cd	PBB/PBDE	DEHP/BBP DBP/DIBP
				Pb	BL				
				Cd	BL				
			25	Hg	BL	_			
				Cr	BL	4			_
		CAP X5R 4.7UF		Br 0.8+	BL				
240	X00012020 238@1	+/-10% 10V		Cr ⁶⁺		9-	_		
	230@1	CH0603 RH		PBB PBDE					
			240	DEHP	_				BL
			001 = -	BBP					BL
				DBP					BL
				DIBP					BL
				Pb	BL				
				Cd	BL				
			0	Hg	BL				
				Cr	BL				7
		CAR VER 4011E		Br	BL	_			
250-7	X00012100	CAP X5R 10UF +/-20% 6.3V		Cr ⁶⁺		1		S445-E	
200-1	032@7	CH0603 RO	& Control of the Cont	PBB					
			250-7	PBDE					
			200	DEHP	_				BL
				BBP					BL BL
				DBP					BL
				DIBP	BL	+			DL
				Pb Cd	BL	-			
				Hg	BL				
				Cr	BL		_		
				Br	BL				187
	X00012020	CAP X5R 22UF		Cr ⁶⁺					
260-1	077@1	6.3V +/-20% 0603 RO		PBB					
		0003 KO	260-1	PBDE					
			46 Ind 12 .	DEHP	-				BL
				BBP					BL
				DBP					BL
				DIBP		-			BL
				Pb	BL	_			
				Cd	BL	_			
			21	Hg	BL BL	4			
	ľ			Cr Br	BL	+			1
	V00040000	CAP X5R 22UF		Br Cr ⁶⁺	DL	-			
260-2	X00012020 080@1	+/-20% 6.3V	2	PBB		***	-		
		CH0603*0.8 RO	260-2	PBDE					
			001 10	DEHP	_				BL
				BBP					BL
				DBP					BL
				DIBP					BL
				Pb	BL				
				Cd	BL	_			
			1	Hg	BL	_			
				Cr	BL	-			-
		CAP X5R 22UF		Br O.6t	BL	-			
260-3	X00012020 146@1	+/-20% 6.3V	8	Cr ⁶⁺		77.1	1077	_	
	140@1	CH0603 RO	260.2	PBB					
			260-3	PBDE DEHP	_				BL
				BBP					BL
				DBP					BL
				DIBP					BL

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No	Port No.	Description	Figure	X-ray Sc	reening	Spot-test/ UV-vis	ICP-OES	GC/MS for PBB/PBDE	GC/MS for PHTHALATES	
No.	Part No.	Description	rigure	Element	Data	Cr(VI)	Pb/Hg/Cd	PBB/PBDE	DEHP/BBP DBP/DIBP	
				Pb	BL					
				Cd	BL					
			-	Hg	BL					
				Cr	BL				_	
		CAP X5R 22UF		Br	BL					
260-4	X00012020	±20% 6.3V	8	Cr ⁶⁺		_		-		
200-4	255@1	0603*0.8-0.2H		PBB						
		RO	260-4	PBDE						
			OS 001 10 -	DEHP	_				BL	
				BBP					BL	
				DBP					BL	
				DIBP					BL	
				Pb	BL					
				Cd	BL	4				
				Hg	BL					
			COLUMN TWO	Cr	BL	4				
		IND HIGH 3.3NH		Br	BL	 	-		1,000	
270	X00014120 028@1	+/-0,1NH	A STREET OF SHIP	Cr ⁶⁺				_		
210	028@1	CH0201 RO	The second second second	PBB						
			270	PBDE						
			1,068 54	DEHP					BL	
			7	BBP					BL	
				DBP					BL	
				DIBP					BL	
				Pb	BL					
				Cd	BL					
		IND HQ 3.9NH +/-0.1NH			Hg	BL				
				Cr	BL	_	-	2-		
				Br	BL					
280	X00014120			Cr ⁶⁺						
200	628@1	CH0201 RO		PBB						
			280	PBDE						
			101 2	DEHP	-				BL	
				BBP					BL	
				DBP					BL	
				DIBP					BL	
				Pb	BL	_				
				Cd	BL	4				
				Hg	BL	4				
			d to a constant	Cr	BL	4			_	
		IND HIGH 4.7NH		Br	BL	4				
290-2	X00014120	+/-3% CH0201	R THE RESERVE	Cr ⁶⁺		-	_	Fr <u>ance</u>		
	093@1	RO		PBB						
			290-2	PBDE						
			000	DEHP	-				BL	
				BBP		1		ll.	BL	
				DBP		1			BL	
				DIBP					BL	
				Pb	BL	4				
				Cd	BL	4				
			Section 2 in contrast of the last of the l	Hg	BL	4				
			A CHARLES	Cr	BL	-			_	
		IND HIGH 5.1NH	THE RESERVE OF THE PERSON NAMED IN	Br	BL					
300	X00014120 058@1	+/-0.2NH		Cr ⁶⁺		-	_			
	058@1	CH0201 RO		PBB		1				
			300	PBDE						
			No. of Street, or other Designation of the least	DEHP	-				BL	
				BBP					BL	
				DBP					BL BL	
		I I		DIBP					ı Bl⊲	

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	B (N)	D	Firme	X-ray So	reening	Spot-test/ UV-vis	ICP-OES	GC/MS for PBB/PBDE	GC/MS for PHTHALATES
No.	Part No.	Description	Figure	Element	Data	Cr(VI)	Pb/Hg/Cd	PBB/PBDE	DEHP/BBP DBP/DIBP
				Pb	BL				
				Cd	BL	Į.			
				Hg	BL				
				Cr	BL				
				Br	BL				122
310	X00014120	IND 7.5NH	A CONTRACTOR OF THE PARTY OF TH	Cr ⁶⁺			-	_	1
310	569@1	+/-5% 0201 RO	NAME OF TAXABLE PARTY.	PBB					
			310	PBDE					
			910	DEHP					BL
				BBP					BL
				DBP					BL
				DIBP					BL
				Pb	BL	_			
				Cd	BL	4			
				Hg	BL	-			
				Cr	BL	4			_
		IND HIGH 18NH		Br 0.64	BL	-			
320	X00014100	+/-2% CH0402		Cr ⁶⁺		-		-	
	479@1	RO	No. of Lot of Lo	PBB					
			320	PBDE					
			The state of the s	DEHP	-				BL
				BBP					BL
				DBP					BL
				DIBP					BL
				Pb	BL	4			
				Cd	BL	-			
				Hg	BL		_	_	
				Cr	BL				
				Br Cr ⁶⁺	BL				
330	X00013520 146@1	TVS 4V 0.05PF CH0201 RO				(<u>22</u>)			
	140@1	CHUZUT KO	THE RESERVE OF THE PERSON NAMED IN	PBB					
			330	PBDE					BL
			16 2	DEHP BBP	_				BL
									BL
				DBP					BL
				Pb	BL	+			DL
				Cd	BL	1			
				Hg	BL	1			
				Cr	BL	1			
				Br	BL				_
	X00014120	IND 1.5UH±20%	BEEF STREET	Cr ⁶⁺	DL	1			
340	396@1	2.2A 110MΩ	A COLUMN THE REAL PROPERTY.	PBB		-	_	:: ***	
		2*1.6*1MM RO		PBDE					
			340	DEHP	_				BL
				BBP					BL
				DBP					BL
				DIBP					BL
				Pb	BL				
				Cd	BL	1			
				Hg	BL				
			THE RESERVOIS THE	Cr	BL	1			
		BEAD	THE PERSON NAMED IN	Br	BL				-
	X00014120	220OHM@100M	A RESTAURANT	Cr ⁶⁺		7			
350-1	013@1	HZ 1400MA 0.1R CH0603	A CONTRACTOR OF THE PARTY OF	PBB		***	188	_	
		RO RO	OPA 2	PBDE					
			350-1	DEHP	***				BL
			2061	BBP					BL
				DBP					BL
									BL

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Ma	Dort No.	Description	Figure	X-ray Sc	reening	Spot-test/ UV-vis	ICP-OES	GC/MS for PBB/PBDE	GC/MS for PHTHALATES
No.	Part No.	Description	Figure	Element	Data	Cr(VI)	Pb/Hg/Cd	PBB/PBDE	DEHP/BBP DBP/DIBP
				Pb	BL				
				Cd	BL				
				Hg	BL				
				Cr	BL	4			-
				Br Cr ⁶⁺	BL				
360-2	X00013520 135@1	TVS 5V 0.55PF DFN1006-3L RO		PBB		-		944	
	1000	DI KITOOD OZ KO	360-2	PBDE					
			300-2	DEHP					BL
				BBP					BL
				DBP					BL
				DIBP					BL
				Pb	BL				
				Cd	BL				
				Hg	BL				
			THE PARTY OF	Cr	BL	-			_
	V00040=00	ESD 5.0V	1 · · · · · · · · · · · · · · · · ·	Br Cr ⁶⁺	BL				
370-3	X00013500 010@1	VPP=20KV 50PF		PBB				-	
		1.0X0.6MM RO	370-3	PBDE					
			370-3	DEHP	_				BL
				BBP				BL	
				DBP					BL
				DIBP					BL
				Pb	BL				
				Cd	BL				
		DIO SCHOTTKY VR=30V		Hg	BL		_		
				Cr	BL BL			(***
	V0004 E400			Br Cr ⁶⁺	DL				
380-4	X00015100 030@3	IF=200MA		PBB		-			
		SOD523 RO		PBDE					
			380-4	DEHP	144				BL
				BBP					BL
				DBP					BL
				DIBP					BL
				Pb	BL	_			
				Cd	BL				
				Hg Cr	BL BL	-			
			Control State	Br	BL				_
	X00014200	CRY 32.768K		Cr ⁶⁺		1			
390-2	098@1	12.5PF +-20% 3.2*1.5*0.9 RO		PBB		-	1 STR		
		3.2 1.5 0.9 KO	390-2	PBDE					
			000 2	DEHP	**				BL
) 	BBP					BL
				DBP					BL
				DIBP	D1				BL
				Pb	BL BL	-			
				Cd Hg	BL	+			
				Cr	BL				
				Br	BL	1			-
	X00012020	CAP X7R 6.8NF	A STATE OF THE REAL PROPERTY.	Cr ⁶⁺			5-21	0.5	
400-1	585@1	+/-10% 10V CH0201 RO		PBB			-	(-)	
		GHUZUTKU	100 1	PBDE					
			400-1	DEHP	177				BL
				BBP					BL
				DBP					BL
	1			DIBP					BL

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Na	Part No.	Description	Eiguro	X-ray So	reening	Spot-test/ UV-vis	ICP-OES	GC/MS for PBB/PBDE	GC/MS for PHTHALATES
No.	Part No.	Description	Figure	Element	Data	Cr(VI)	Pb/Hg/Cd	PBB/PBDE	DEHP/BBP DBP/DIBP
				Pb	BL				
				Cd	BL				
				Hg	BL				
			A Marcellous ()	Cr	BL				
		PCB SIM5300E		Br	BL				
410	X00021122	8L HDI PCB	TOTAL PURE	Cr ⁶⁺		_	_		
	693@1	V1.03 RH		PBB					
			410	PBDE DEHP	_				BL
				BBP	_				BL
				DBP					BL
				DIBP					BL
				Pb	BL				
				Cd	BL				
				Hg	BL				
			A STATE OF THE REAL PROPERTY.	Cr	BL				
				Br	BL				
420	X00011020 443@1	RES NTC 22KR +/-3%? 1/10W		Cr ⁸⁺		_		894	
420	443@1	CH0201 RO		PBB					
			420	PBDE					
			THE PERSON NAMED IN	DEHP					BL
				BBP					BL
				DBP					BL BL
				DIBP	DI	-			DL DL
				Pb Cd	BL BL	-			
				Hg	BL	-		2 7	
			IND 3 31 H	Cr	BL		-		
		1015 0 01111		Br	BL				255
	X00014120	IND 3.3UH ±20% 1.0A		Cr ⁶⁺					
430	717@1	252ΜΩ 1ΜΜ		PBB		_			
		2016 RO	430	PBDE					
				DEHP	_				BL
				BBP					BL
				DBP					BL
				DIBP					BL
				Pb	BL				
				Cd	BL	4			
				Hg	BL	-			
				Cr	BL	-			-
		ISOPLEXER 3G		Br Cr ⁶⁺	BL	-			
440	X00013621 070@1	DUAL BAND 1+8 EU		PBB	r.		-		
	0,000	VERSION RO	440	PBDE					
			440	DEHP					BL
				BBP					BL
				DBP					BL
				DIBP					BL
				Pb	BL				
				Cd	BL				
				Hg	BL				
				Cr	BL				1
		FEM MOTO		Br	BL	Ц			
450	X00013621	FEM WITH INTEGRATED		Cr ⁶⁺			_	12	
730	073@1	GPRS PA RO	*	PBB		50.6	7/54		
			450	PBDE			1		
			Service and State	DEHP	-				BL
				BBP					BL BL
				DBP					BL
		1		DIBP					

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No.	Part No.	Description	Figure	X-ray So	reening	Spot-test/ UV-vis	ICP-OES	GC/MS for PBB/PBDE	GC/MS for PHTHALATES
NO.	Part No.	Description	Figure	Element	Data	Cr(VI)	Pb/Hg/Cd	PBB/PBDE	DEHP/BBP DBP/DIBP
				Pb	BL				
				Cd	BL				
				Hg	BL	_			
			AND THE PERSON NAMED IN	Cr	BL				1
		SAW		Br Cr ⁶⁺	BL				
460	X00013621 072@1	RX2IN1INPUT DIPLEX FILTER		PBB		(-	×22	
	0,20.	GSM1900 RO	460	PBDE					
			460	DEHP	_				BL
				BBP	Í	1			BL
				DBP	5				BL
				DIBP					BL
				Pb	BL				
				Cd	BL				
				Hg	BL	4			
				Cr	BL	-			
		SMD XO 26MHZ		Br O 5t					
470	X00014220 188@1	+/15PPM 8PF		Cr ⁶⁺		5	-	-	
	100@1	CH2016 RO		PBB					
			470	PBDE DEHP	_				
			W 20 III 20	BBP					
				DBP					
				DIBP					
				Pb	BL				
				Cd	BL				
		20/20		Hg	BL	_	-	_	
				Cr	BL				
	1		G/3G NCEIVER	Br	BL				
480	X00013621	TRANÇEIVER		Cr ⁶⁺					
-100	075@1	P1.0 RO		PBB					
			480	PBDE					BL
				DEHP BBP					BL
				DBP					BL
				DIBP					BL
				Pb	BL				
				Cd	BL	7			
				Hg	BL				
			RESERVAN	Сг	BL				
		ВВ		Br	BL				1997
490	X00013720	HSPA+/WCDMA	A STREET, STRE	Cr ⁶⁺		_	_	_ :	
700	236@1	/GSM NSP290 0.8*0.8*1.2 RO		PBB		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
		0.0 0.0 1.2 10	490	PBDE					BL
				DEHP	_				BL
				DBP					BL
				DIBP					BL
	1			Pb	BL				
				Cd	BL				
			11	Hg	BL				
			A LABOURAGE	Cr	BL				_
		040 000 1	THE RESERVE	Br	BL				_
500	X00012020	CAP COG 1.5PF +/-0.25P 50V		Cr ⁸⁺		1			
500	349@1	CH0201 RO	THE RESERVE OF THE PARTY OF THE	PBB					
			500	PBDE					
			OH:	DEHP	-				BL
				BBP					BL BL
				DBP					BL
		1		DIBP		4			DL

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No.	Part No.	Description	Figure	X-ray Screening		Spot-test/ UV-vis	ICP-OES	GC/MS for PBB/PBDE	GC/MS for PHTHALATES
				Element	Data	Cr(VI)	Pb/Hg/Cd	PBB/PBDE	DEHP/BBP DBP/DIBP
	X00024022 053@1	SHIELDING FRAME SIM5300E RO	510	Pb	BL				-
				Cd	BL				
				Hg	BL				
				Cr	BL				
				Br					
510				Cr ⁶⁺					
				PBB					
				PBDE					
				DEHP					
				BBP					
				DBP					
				DIBP					



Note:

- (1) (a) It is the result on total Br while test item on restricted substances is PBBs/PBDEs. It is the result on total Cr while test item on restricted substances is Cr⁶⁺.
 - (b) Results are obtained by EDXRF for primary screening, and further chemical testing by ICP-OES (for Pb、Cd、Hg); UV-VIS(for Cr⁶⁺) and GC-MS (for PBBs, PBDEs, DEHP, BBP, DBP, DIBP) is recommended to be performed.
 - (c) The XRF screening test for RoHs elements-The reading may be different to the actual content in the sample be of non-uniformity composition.
- (2) (a) mg/kg=ppm=0.0001%, BL= Below Limit, N.D.= not detected, "--"= not available.
 - (b) Unit and Method Detection Limit (MDL) in wet chemical test and XRF

Test Items	Pb	Cd	Hg	Cr	Br	DEHP	BBP	DBP	DIBP
Units	mg/kg	mg/kg							
XRF MDL	10.0	5.0	20.0	10.0	50.0	_	_	_ 	_
Wet Chemical Test MDL	3	3	3	s—.	_	_	-	-	

(b) Unit and Method Detection Limit (MDL) in wet chemical test and XRF

The MDL for single compound of PBBs, PBDEs, DEHP, BBP, DBP, DIBP is 5 mg/kg and MDL of Cr⁶⁺ for polymer & composite sample is 5 mg/kg.

(c) Spot-test:

Negative = Not Detected of Cr⁶⁺ coating, Positive = Presence of Cr⁶⁺ coating;

(The tested sample should be further verified by boiling-water-extraction method if the spot test result cannot be confirmed or negative)

Boiling-water-extraction:

N.D. = Not Detected of Cr⁶⁺ for polymer & composite sample.

Storage conditions and production date of the tested sample are unavailable and thus results of Cr⁶⁺ represent status of the sample at the time of testing.

(3) When the exemptions occurred, it should be marked and specified "*" according to the European Union exemptions Clauses requirement (2011-65-EU annex III).



Sample photo:

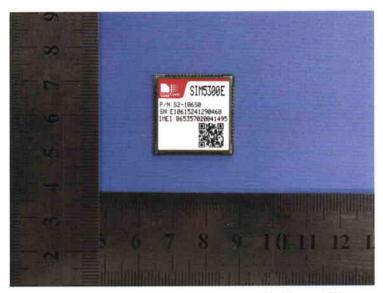


Photo 1 The front of the sample (SIM5300E)

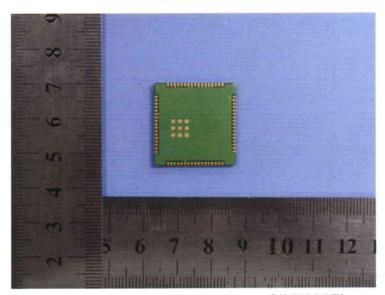


Photo 2 The back of the sample (SIM5300E)

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The Main Testing Equipment list

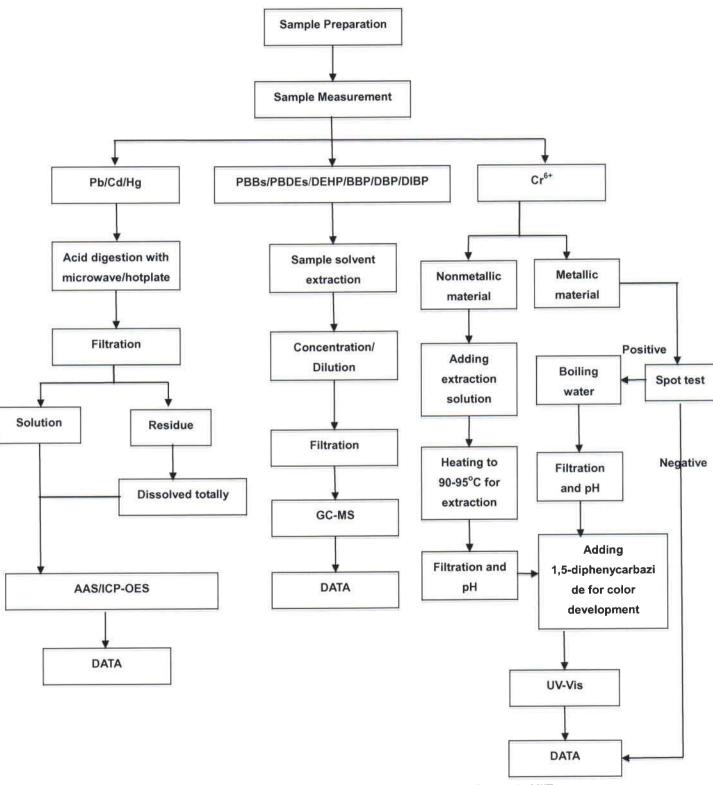
No.	Equipment Name	Model/spec	Equipment Serial Number	Calibration valid date	(4)
1.	XRF analyzer	Ux-310	F2008AA6	2017-06-28	- √
2.	XRF analyzer	Ux-310	F2009521	2017-06-28	255
3.	XRF analyzer	Ux-310	F1162	2017-06-28	
4.	XRF analyzer	SEA6000VX	106004050001	2017-06-28	V
5.	ICP-AES	5300DV	077N5072703	2018-07-08	
6.	GC-MS	Clarus500	GC:650N5081051 MS:651N5072702	2018-07-20	V
7.	UV-VIS	Lambda 35	101N5081605	2017-10-16	() 4 151
8.	Electronic balance	CP225D	50861713	2017-11-12	V
9.	Electronic balance	CPA225D	26192007	2018-04-01	

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Measurement Flow-Chart of Chemical Testing

These samples were dissolved totally by pre-conditioning method according to below flow chart.



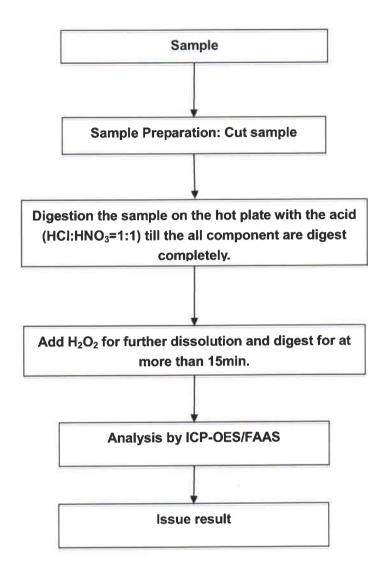
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Test Flow Chart



END OF REPORT

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