

TEST REPORT

No. : SZIN1708011141PS

Date : Aug 23, 2017

Page: 1 of 5

CUSTOMER NAME:

ADDRESS:

Sample Name : ANTI-RADIATION MATERIAL FOR PHONE WALLET CASE, TABLET CASE/SLEEVE& LAPTOP CASE/BAG/SLEEVE

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Date of Receipt : Aug 11, 2017

Testing Start Date : Aug 11, 2017

Testing End Date : Aug 23, 2017

Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services Co., Ltd. Shenzhen Branch
Testing Center

Chemi_Li
Authorized signatory



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Speccheck@sgs.com

SGS-CSTC (Shenzhen) Inspection & Testing Service Co., Ltd. | 333 Bldg. No. 1, Jiepin Industrial Park, No. 430, Jiepin Road, Jiepin Industrial Zone, Shenzhen, China 518129 | (86-755) 25328282 | (86-755) 83197625 | www.sgs.com.cn
中国·深圳·龙岗区坂田街道430号江厦工业园4楼505大厦 邮编: 518129 | (86-755) 25328282 | (86-755) 83197625 | sgs.china@sgs.com

TEST REPORT

No. : SZIN1708011141PS

Date : Aug 23, 2017

Page: 2 of 5

Test results

Sample No	Test Sample	Test item	Test frequency	Test results		Reference standard
				Shielding effectiveness values(dB)	Shielding effectiveness	
201707250099	Anti-Radiation material for phone wallet case, tablet case/sleeve&laptop case/bag/sleeve;	Electromagnetic Shielding effectiveness	60Hz	22.5	99.4377	ASTM D4935-2010
			300 Hz	23.4	99.5429	
			800MHz	80.8	99.9999	
			1.7GHz	75.6	99.9999	
			1.9GHz	74.9	99.9999	
			2.1GHz	75.4	99.9999	
			5GHz	65.5	99.9999	

Remark:

1. test equipment: Shielding effectiveness test device, the vector network analyzer
2. Laboratory: temperature 23 °C: humidity 50%RH
3. SE value is usually expressed in decibels (dB) by the following equation:

$$SE = 10 \log \frac{P_1}{P_2} \text{ (dB)}$$

SE: shielding effectiveness value.

P1: received power with the material present.

P2: received power without the material present.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Speccheck@sgs.com

SGS CSTC (China) Inspection & Testing Service Co., Ltd.
Shenzhen Branch Inspection & Testing Laboratory

SGS (Shenzhen) Inspection & Testing Service Co., Ltd. 518129 1 (86-755) 25328282 1 (86-755) 83197625 www.sgs.com.cn
中国·深圳·龙岗区坂田吉华路430号工业园4楼5050大厦 邮编: 518129 1 (86-755) 25328282 1 (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN1708011141PS

Date : Aug 23, 2017

Page: 3 of 5

Sample Photo:



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Speccheck@sgs.com

SGS (China) Inspection & Testing Services Co., Ltd.
Shenzhen Branch (Inspection & Testing Laboratory)

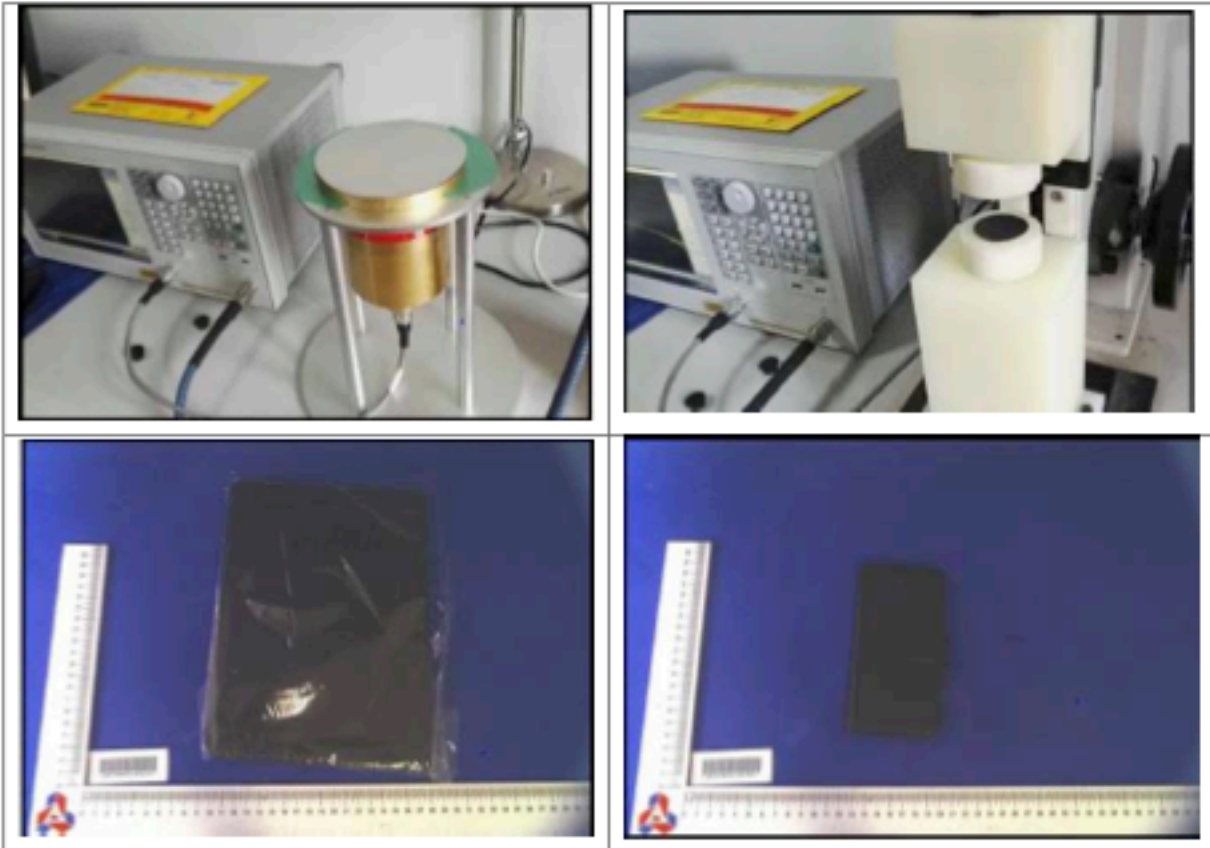
333 Bldg. No. 4, Jiahe Industrial Park, No. 43, Jiahe Road, Jiahe Industrial Zone, Shenzhen, China 518129 | (86-755) 25328282 | (86-755) 83197625 | www.sgs.com.cn
中国·深圳·龙岗龙城街道吉华路430号工业园4栋333B大厦 邮编: 518129 | (86-755) 25328282 | (86-755) 83197625 | sgs.china@sgs.com

TEST REPORT

No. : SZIN1708011141PS

Date : Aug 23, 2017

Page: 4 of 5

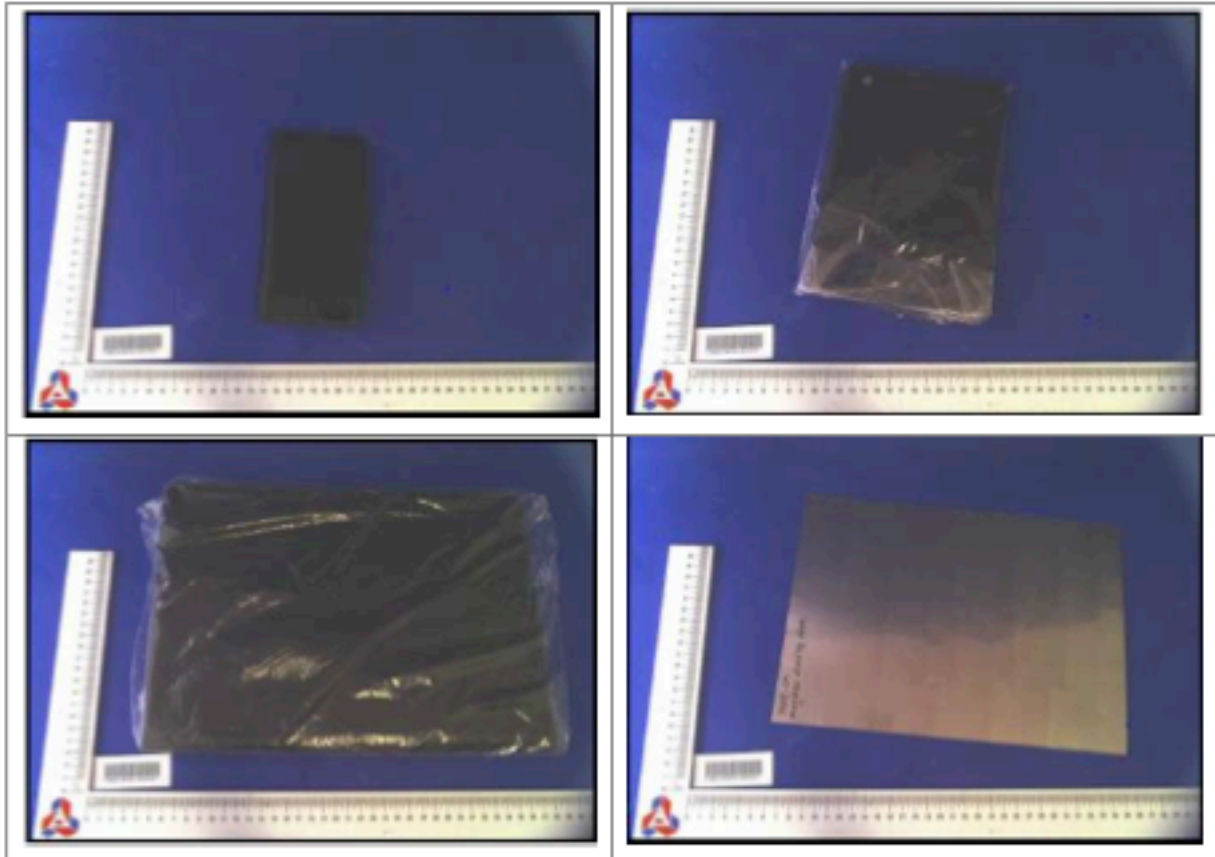


TEST REPORT

No. : SZIN1708011141PS

Date : Aug 23, 2017

Page: 5 of 5



Appendix information:

The above tests were carried out by Microspectrum Technology Co., Ltd

***** End of report*****



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Speccheck@sgs.com

SGS Bldg. No. 4, Jieyuan Road, Futian District, Shenzhen, Guangdong, P.R. China 518129 | (86-755) 25328282 | (86-755) 83197625 | www.sgs.com.cn
 中国·深圳·福田区福安路430号江厦工业园4楼5005大厦 邮编: 518129 | (86-755) 25328282 | (86-755) 83197625 | sgs.china@sgs.com