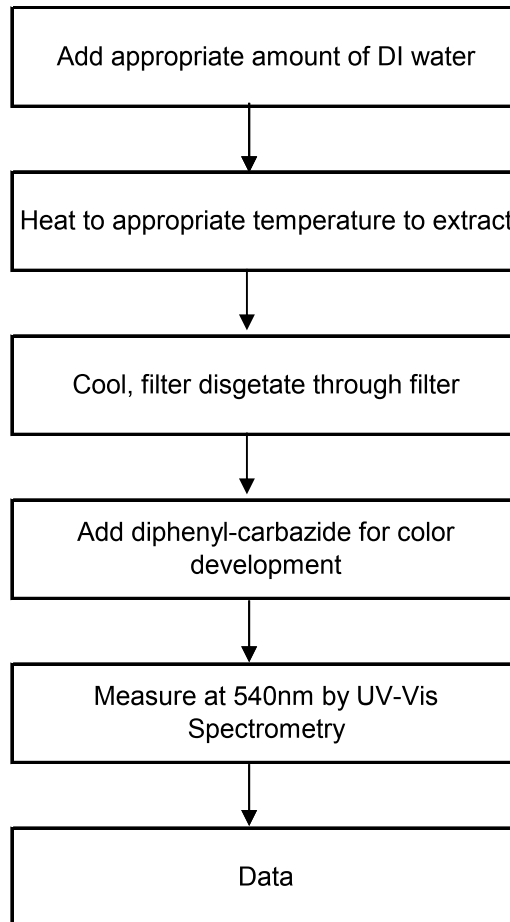


Process Flow of Cr(VI) by Boiling Water Extraction (IEC62321)



End of Report

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Test Report

No. TAOEC2200298101

Date: 20 Jan 2022

Page 1 of 8

SHAN DONG TIAN YUAN COPPER INDUSTRIAL CO.,LTD
DONG YING DISTRICT HUANG HE ROAD NO.36 DONG YING , SHAN DONG

The following sample(s) was/were submitted and identified on behalf of the clients as : PHOSPHOR BRONZE SUIP

SGS Job No. : QP22-000227 - QD
Model No. : C5210/QSN8-0.3
Date of Sample Received : 17 Jan 2022
Testing Period : 17 Jan 2022 - 20 Jan 2022
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).
Conclusion : Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP) , Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) , and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Qingdao) Co., Ltd.



Wang Bo, Claire
Approved Signatory

scan to see the report



18297C0C



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Test Report

No. TAOEC2200298101

Date: 20 Jan 2022

Page 2 of 8

Test Results :

Test Part Description :

| Specimen No. | SGS Sample ID | Description |
|--------------|------------------|---------------------|
| SN1 | TAO22-002981.001 | coppery metal board |

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Method : With reference to IEC 62321-5:2013, IEC 62321-4:2013+AMD1:2017, IEC 62321-7-1:2015, IEC 62321-6:2015 and IEC62321-8:2017, analyzed by ICP-OES,AAS, UV-Vis and GC-MS.

| Test Item(s) | Limit | Unit | MDL | 001 |
|-------------------------------|-------|--------------------|------|-----|
| Cadmium (Cd) | 100 | mg/kg | 2 | ND |
| Lead (Pb) | 1000 | mg/kg | 2 | ND |
| Mercury (Hg) | 1000 | mg/kg | 2 | ND |
| Hexavalent Chromium (Cr(VI))▼ | - | µg/cm ² | 0.10 | ND |
| Sum of PBBs | 1000 | mg/kg | - | ND |
| Monobromobiphenyl | - | mg/kg | 5 | ND |
| Dibromobiphenyl | - | mg/kg | 5 | ND |
| Tribromobiphenyl | - | mg/kg | 5 | ND |
| Tetrabromobiphenyl | - | mg/kg | 5 | ND |
| Pentabromobiphenyl | - | mg/kg | 5 | ND |
| Hexabromobiphenyl | - | mg/kg | 5 | ND |
| Heptabromobiphenyl | - | mg/kg | 5 | ND |
| Octabromobiphenyl | - | mg/kg | 5 | ND |
| Nonabromobiphenyl | - | mg/kg | 5 | ND |
| Decabromobiphenyl | - | mg/kg | 5 | ND |
| Sum of PBDEs | 1000 | mg/kg | - | ND |
| Monobromodiphenyl ether | - | mg/kg | 5 | ND |
| Dibromodiphenyl ether | - | mg/kg | 5 | ND |
| Tribromodiphenyl ether | - | mg/kg | 5 | ND |
| Tetrabromodiphenyl ether | - | mg/kg | 5 | ND |
| Pentabromodiphenyl ether | - | mg/kg | 5 | ND |
| Hexabromodiphenyl ether | - | mg/kg | 5 | ND |



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Test Report

No. TAOEC2200298101

Date: 20 Jan 2022

Page 3 of 8

| <u>Test Item(s)</u> | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>001</u> |
|-------------------------------------|--------------|-------------|------------|------------|
| Heptabromodiphenyl ether | - | mg/kg | 5 | ND |
| Octabromodiphenyl ether | - | mg/kg | 5 | ND |
| Nonabromodiphenyl ether | - | mg/kg | 5 | ND |
| Decabromodiphenyl ether | - | mg/kg | 5 | ND |
| Dibutyl phthalate (DBP) | 1000 | mg/kg | 50 | ND |
| Butyl benzyl phthalate (BBP) | 1000 | mg/kg | 50 | ND |
| Bis (2-ethylhexyl) phthalate (DEHP) | 1000 | mg/kg | 50 | ND |
| Diisobutyl Phthalates (DIBP) | 1000 | mg/kg | 50 | ND |

Notes :

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
- (2) IEC 62321 series is equivalent to EN 62321 series
https://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25
- (3) ▼= a. The sample is positive for CrVI if the CrVI concentration is greater than 0.13 µg/cm². The sample coating is considered to contain CrVI
 b. The sample is negative for CrVI if CrVI is ND (concentration less than 0.10 µg/cm²). The coating is considered a non-CrVI based coating
 c. The result between 0.10 µg/cm² and 0.13 µg/cm² is considered to be inconclusive - unavoidable coating variations may influence the determination

Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

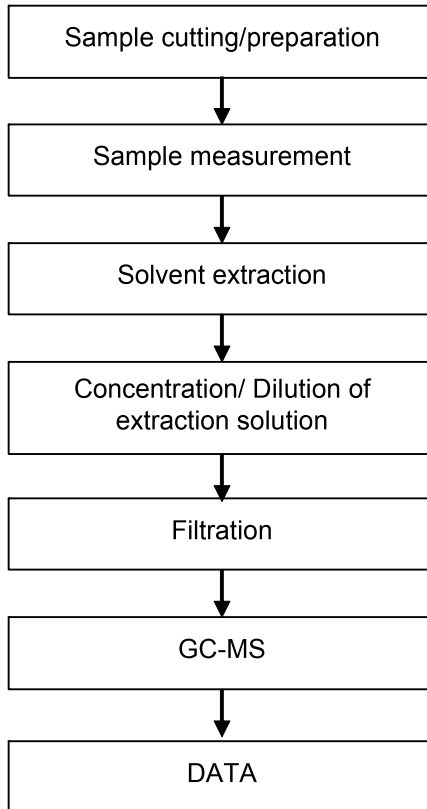
- (4) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.



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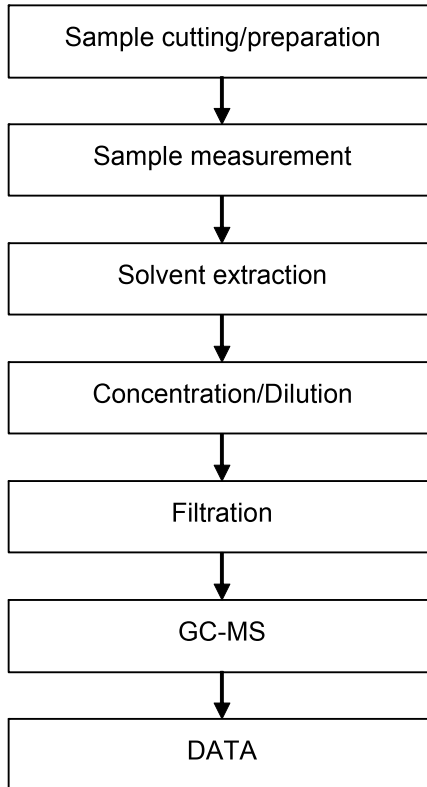
PBBs/PBDEs Testing Flow Chart



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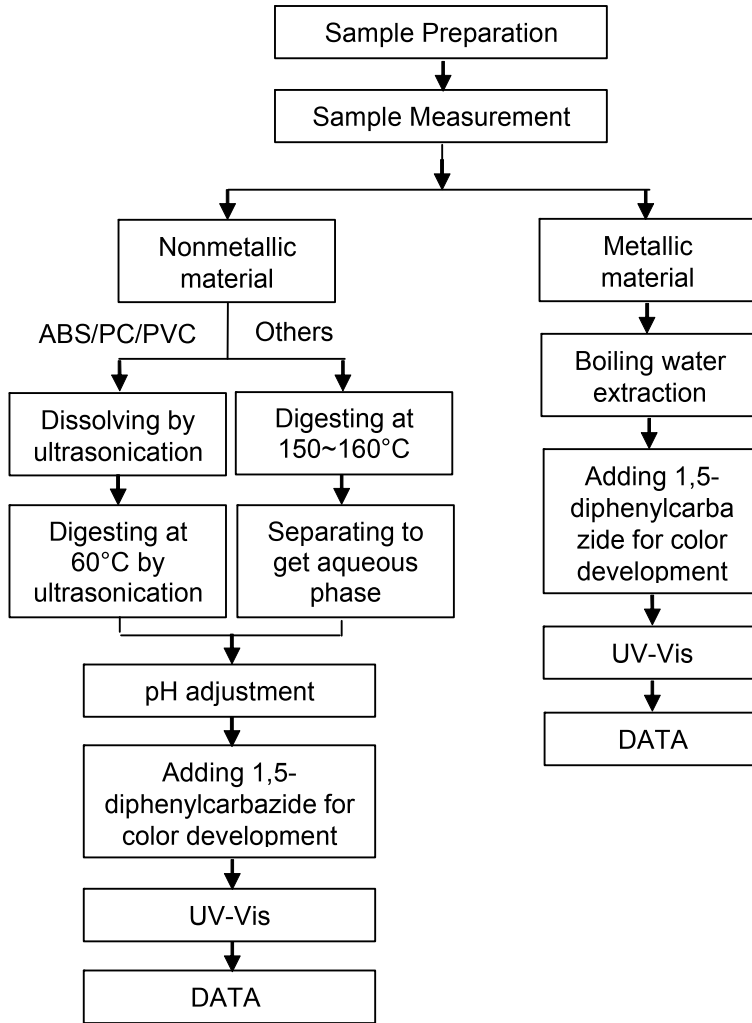
Phthalates Testing Flow Chart



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Hexavalent Chromium (Cr(VI)) Testing Flow Chart

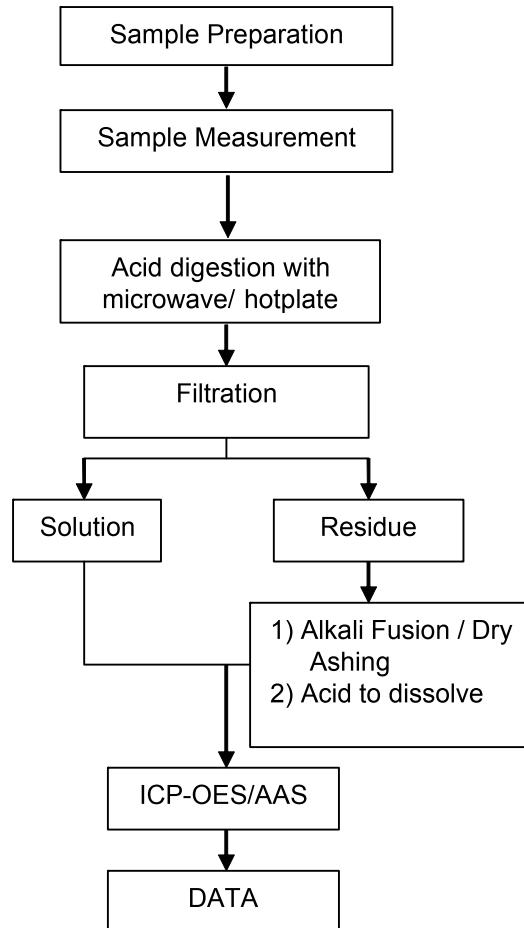


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Elements (IEC62321) Testing Flow Chart

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



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Test Report

No.: ETR22801117

Date: 10-Aug-2022

Page: 1 of 9

I-PEX INC.
1-33-10 MORINO, MACHIDA-CITY, TOKYO 194-0022, JAPAN

The following sample(s) was/were submitted and identified by the applicant as:


Sample Submitted By : I-PEX INC.
Sample Name : PLASTIC (1844-013-01)
Style/Item No. : DURANEX 310NF


Sample Receiving Date : 04-Aug-2022
Testing Period : 04-Aug-2022 to 10-Aug-2022

Test Requested : (1) As specified by client, with reference to RoHS 2011/65/EU Annex II and amending Directive (EU) 2015/863 to determine Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP contents in the submitted sample(s).
(2) Please refer to next pages for the other item(s).

Test Results : Please refer to following pages.

Conclusion : (1) Based on the performed tests on submitted sample(s), the test results of Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.


Troy Chang / Department Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei



PIN CODE: E0455481

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Test Report

No.: ETR22801117

Date: 10-Aug-2022

Page: 2 of 9

I-PEX INC.

1-33-10 MORINO, MACHIDA-CITY, TOKYO 194-0022,JAPAN

Test Part Description

No.1 : WHITE PLASTIC PELLETS

Test Result(s)

| Test Item(s) | Method | Unit | MDL | Result | Limit |
|--|---|-------|------|--------|-------|
| | | | | No.1 | |
| Cadmium (Cd) (CAS No.: 7440-43-9) | With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES. | mg/kg | 2 | n.d. | 100 |
| Lead (Pb) (CAS No.: 7439-92-1) | With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES. | mg/kg | 2 | n.d. | 1000 |
| Mercury (Hg) (CAS No.: 7439-97-6) | With reference to IEC 62321-4: 2013+ AMD1: 2017, analysis was performed by ICP-OES. | mg/kg | 2 | n.d. | 1000 |
| Hexavalent Chromium Cr(VI) (CAS No.: 18540-29-9) | With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS. | mg/kg | 8 | n.d. | 1000 |
| Monobromobiphenyl | With reference to IEC 62321-6: 2015, analysis was performed by GC/MS. | mg/kg | 5 | n.d. | - |
| Dibromobiphenyl | | mg/kg | 5 | n.d. | - |
| Tribromobiphenyl | | mg/kg | 5 | n.d. | - |
| Tetrabromobiphenyl | | mg/kg | 5 | n.d. | - |
| Pentabromobiphenyl | | mg/kg | 5 | n.d. | - |
| Hexabromobiphenyl | | mg/kg | 5 | n.d. | - |
| Heptabromobiphenyl | | mg/kg | 5 | n.d. | - |
| Octabromobiphenyl | | mg/kg | 5 | n.d. | - |
| Nonabromobiphenyl | | mg/kg | 5 | n.d. | - |
| Decabromobiphenyl | | mg/kg | 5 | n.d. | - |
| Sum of PBBs | | mg/kg | - | n.d. | 1000 |
| Monobromodiphenyl ether | | mg/kg | 5 | n.d. | - |
| Dibromodiphenyl ether | | mg/kg | 5 | n.d. | - |
| Tribromodiphenyl ether | | mg/kg | 5 | n.d. | - |
| Tetrabromodiphenyl ether | | mg/kg | 5 | n.d. | - |
| Pentabromodiphenyl ether | | mg/kg | 5 | n.d. | - |
| Hexabromodiphenyl ether | | mg/kg | 5 | n.d. | - |
| Heptabromodiphenyl ether | | mg/kg | 5 | n.d. | - |
| Octabromodiphenyl ether | | mg/kg | 5 | n.d. | - |
| Nonabromodiphenyl ether | | mg/kg | 5 | n.d. | - |
| Decabromodiphenyl ether | mg/kg | 5 | n.d. | - | |
| Sum of PBDEs | mg/kg | - | n.d. | 1000 | |

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Test Report

No.: ETR22801117

Date: 10-Aug-2022

Page: 3 of 9

I-PEX INC.

1-33-10 MORINO, MACHIDA-CITY, TOKYO 194-0022, JAPAN

| Test Item(s) | Method | Unit | MDL | Result | Limit |
|--|---|-------|-----|--------|-------|
| | | | | No.1 | |
| Butyl benzyl phthalate (BBP) (CAS No.: 85-68-7) | With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. | mg/kg | 50 | n.d. | 1000 |
| Dibutyl phthalate (DBP) (CAS No.: 84-74-2) | With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. | mg/kg | 50 | n.d. | 1000 |
| Di-(2-ethylhexyl) phthalate (DEHP) (CAS No.: 117-81-7) | With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. | mg/kg | 50 | n.d. | 1000 |
| Diisobutyl phthalate (DIBP) (CAS No.: 84-69-5) | With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. | mg/kg | 50 | n.d. | 1000 |
| Chlorine (Cl) (CAS No.: 22537-15-1) | With reference to BS EN 14582: 2016, analysis was performed by IC. | mg/kg | 50 | n.d. | - |
| Bromine (Br) (CAS No.: 10097-32-2) | With reference to BS EN 14582: 2016, analysis was performed by IC. | mg/kg | 50 | n.d. | - |
| Phosphorus (P) (CAS No.: 7723-14-0) | With reference to US EPA 3052: 1996, analysis was performed by ICP-OES. | mg/kg | 2 | 24600 | - |

Note :

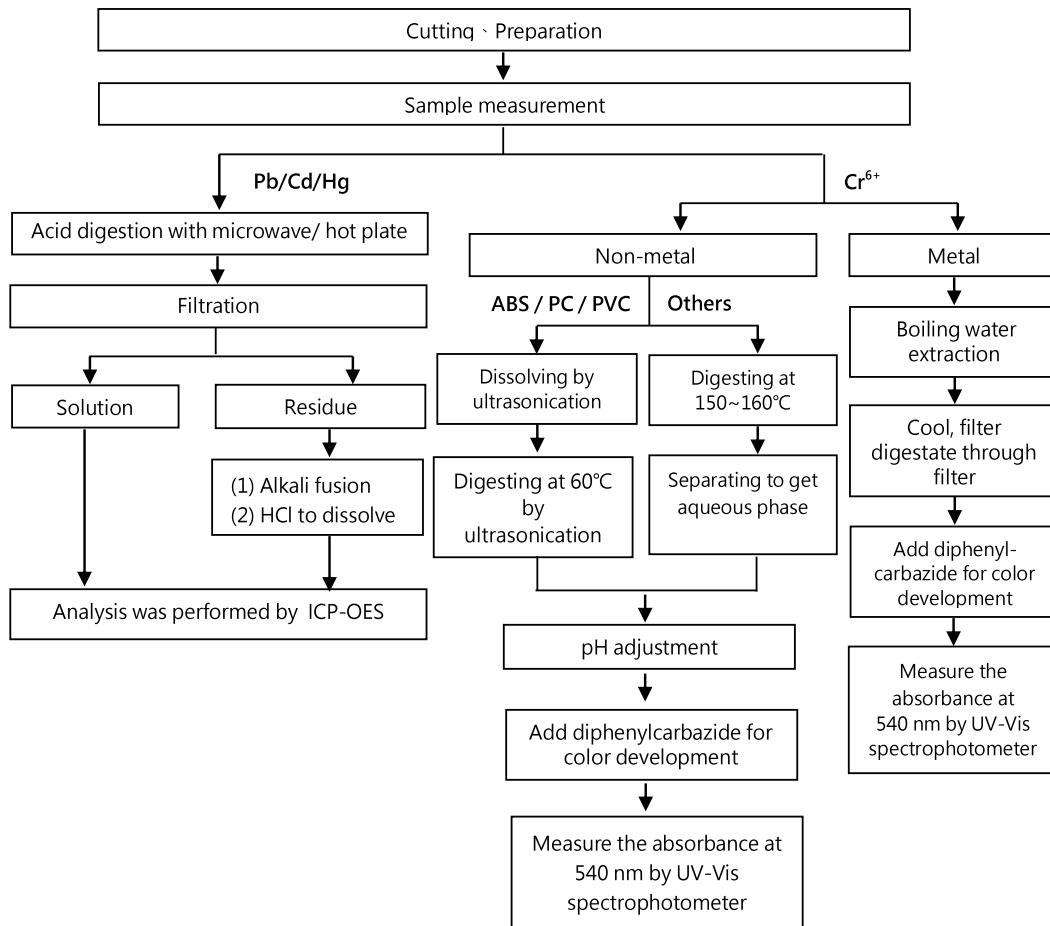
1. mg/kg = ppm ; 0.1wt% = 0.1% = 1000ppm
2. MDL = Method Detection Limit
3. n.d. = Not Detected (Less than MDL)
4. "-" = Not Regulated
5. Unless otherwise stated , the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019. According to this rule, the judgement of conformity is based on the comparing test results with limits.

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Analytical flow chart of heavy metal

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

(Cr⁶⁺ test method excluded)

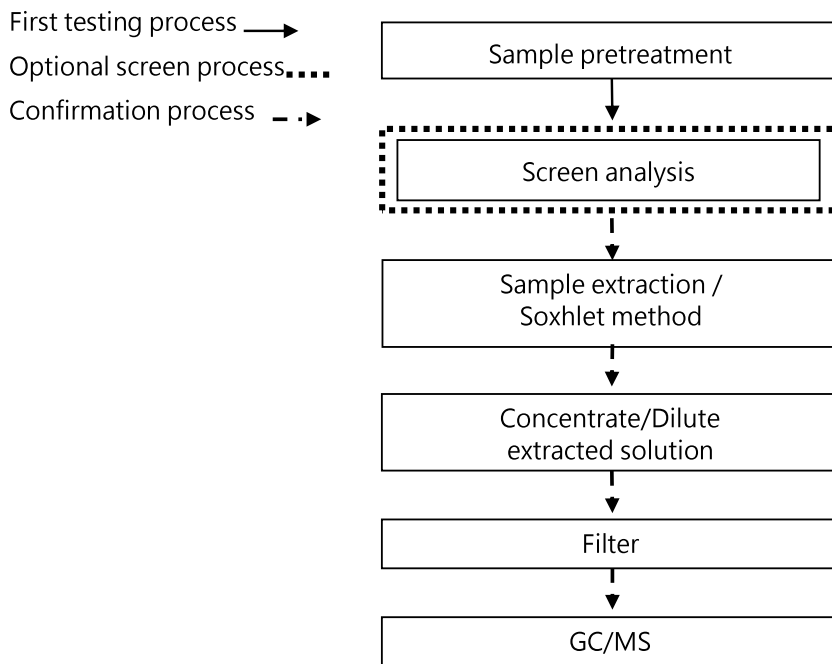


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I-PEX INC.

1-33-10 MORINO, MACHIDA-CITY, TOKYO 194-0022, JAPAN

Analytical flow chart – PBBs / PBDEs



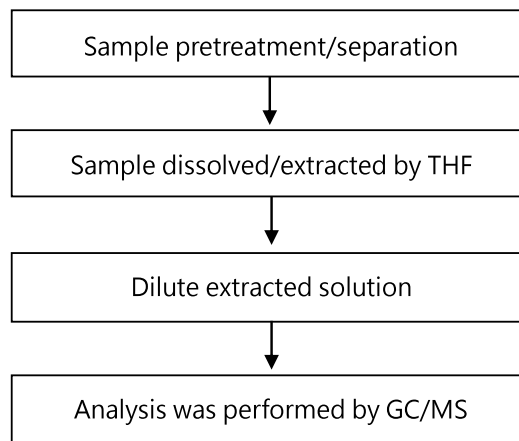
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I-PEX INC.

1-33-10 MORINO, MACHIDA-CITY, TOKYO 194-0022, JAPAN

Analytical flow chart - Phthalate

【 Test method: IEC 62321-8 】

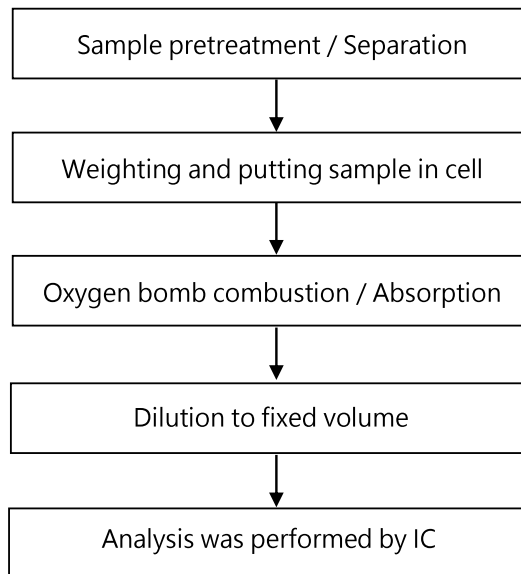


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I-PEX INC.

1-33-10 MORINO, MACHIDA-CITY, TOKYO 194-0022, JAPAN

Analytical flow chart - Halogen



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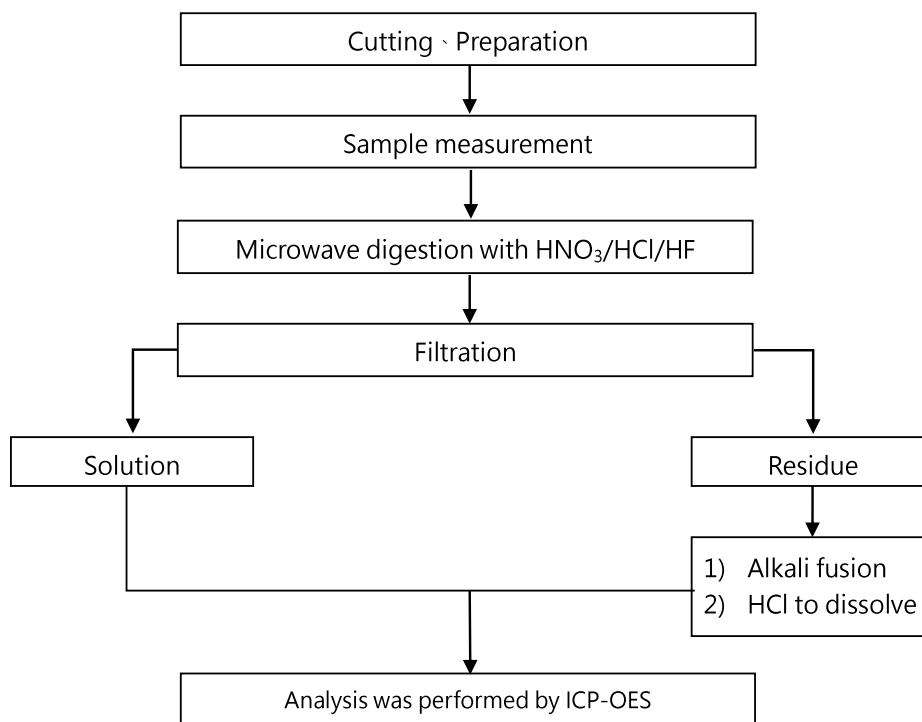
I-PEX INC.

1-33-10 MORINO, MACHIDA-CITY, TOKYO 194-0022, JAPAN

Analytical flow chart of elements (Heavy metal included)

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

【 Reference method : US EPA 3051A · US EPA 3052 】



* US EPA 3051A method does not add HF.

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Test Report

No.: ETR22801117

Date: 10-Aug-2022

Page: 9 of 9

I-PEX INC.

1-33-10 MORINO, MACHIDA-CITY, TOKYO 194-0022, JAPAN

* The tested sample / part is marked by an arrow if it's shown on the photo. *

ETR22801117



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Test Report

No.: ETR22101691

Date: 13-Jan-2022

Page: 1 of 7

DEXERIALS CORPORATION

1724 SHIMOTSUBOYAMA, SHIMOTSUKE-SHI, TOCHIGI 323-0194, JAPAN

The following sample(s) was/were submitted and identified by/on behalf of the applicant as:

Sample Name : ADHESIVE
Style/Item No. : G9000 SERIES (G9000, G9000 C, G9000-SY, G9000W, G9010, G9011)
Lot No. : 0L02
The Testing Sample : G9000-SY

Sample Receiving Date : 06-Jan-2022
Testing Period : 06-Jan-2022 to 13-Jan-2022

Test Requested : (1) As specified by client, with reference to RoHS Directive 2011/65/EU Annex II to determine Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs contents in the submitted sample(s).
(2) As specified by client, to test Halogen-Fluorine, Chlorine, Bromine, Iodine in the submitted sample.

Test Results : Please refer to following pages.


Troy Chang, Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei



PIN CODE: D2C6BBD9

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Test Report

No.: ETR22101691

Date: 13-Jan-2022

Page: 2 of 7

DEXERIALS CORPORATION

1724 SHIMOTSUBOYAMA, SHIMOTSUKE-SHI, TOCHIGI 323-0194, JAPAN

Test Part Description

No.1 : TRANSPARENT DOUBLE SIDED ADHESIVE (EXCLUDING THE RELEASE LINER)

Test Result(s)

| Test Item(s) | Method | Unit | MDL | Result |
|--|---|-------|-----|--------|
| | | | | No.1 |
| Cadmium (Cd) (CAS No.: 7440-43-9) | With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES. | mg/kg | 2 | n.d. |
| Lead (Pb) (CAS No.: 7439-92-1) | | mg/kg | 2 | n.d. |
| Mercury (Hg) (CAS No.: 7439-97-6) | With reference to IEC 62321-4: 2013+ AMD1: 2017, analysis was performed by ICP-OES. | mg/kg | 2 | n.d. |
| Hexavalent Chromium Cr(VI) (CAS No.: 18540-29-9) | With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS. | mg/kg | 8 | n.d. |
| Monobromobiphenyl | With reference to IEC 62321-6: 2015, analysis was performed by GC/MS. | mg/kg | 5 | n.d. |
| Dibromobiphenyl | | mg/kg | 5 | n.d. |
| Tribromobiphenyl | | mg/kg | 5 | n.d. |
| Tetrabromobiphenyl | | mg/kg | 5 | n.d. |
| Pentabromobiphenyl | | mg/kg | 5 | n.d. |
| Hexabromobiphenyl | | mg/kg | 5 | n.d. |
| Heptabromobiphenyl | | mg/kg | 5 | n.d. |
| Octabromobiphenyl | | mg/kg | 5 | n.d. |
| Nonabromobiphenyl | | mg/kg | 5 | n.d. |
| Decabromobiphenyl | | mg/kg | 5 | n.d. |
| Sum of PBBs | | mg/kg | - | n.d. |
| Monobromodiphenyl ether | With reference to IEC 62321-6: 2015, analysis was performed by GC/MS. | mg/kg | 5 | n.d. |
| Dibromodiphenyl ether | | mg/kg | 5 | n.d. |
| Tribromodiphenyl ether | | mg/kg | 5 | n.d. |
| Tetrabromodiphenyl ether | | mg/kg | 5 | n.d. |
| Pentabromodiphenyl ether | | mg/kg | 5 | n.d. |
| Hexabromodiphenyl ether | | mg/kg | 5 | n.d. |
| Heptabromodiphenyl ether | | mg/kg | 5 | n.d. |
| Octabromodiphenyl ether | | mg/kg | 5 | n.d. |
| Nonabromodiphenyl ether | | mg/kg | 5 | n.d. |
| Decabromodiphenyl ether | | mg/kg | 5 | n.d. |
| Sum of PBDEs | | mg/kg | - | n.d. |

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Test Report

No.: ETR22101691

Date: 13-Jan-2022

Page: 3 of 7

DEXERIALS CORPORATION

1724 SHIMOTSUBOYAMA, SHIMOTSUKE-SHI, TOCHIGI 323-0194, JAPAN

| Test Item(s) | Method | Unit | MDL | Result |
|-------------------------------------|--|-------|-----|--------|
| | | | | No.1 |
| Fluorine (F) (CAS No.: 14762-94-8) | With reference to BS EN 14582: 2016, analysis was performed by IC. | mg/kg | 50 | n.d. |
| Chlorine (Cl) (CAS No.: 22537-15-1) | With reference to BS EN 14582: 2016, analysis was performed by IC. | mg/kg | 50 | n.d. |
| Bromine (Br) (CAS No.: 10097-32-2) | With reference to BS EN 14582: 2016, analysis was performed by IC. | mg/kg | 50 | n.d. |
| Iodine (I) (CAS No.: 14362-44-8) | With reference to BS EN 14582: 2016, analysis was performed by IC. | mg/kg | 50 | n.d. |

Note :

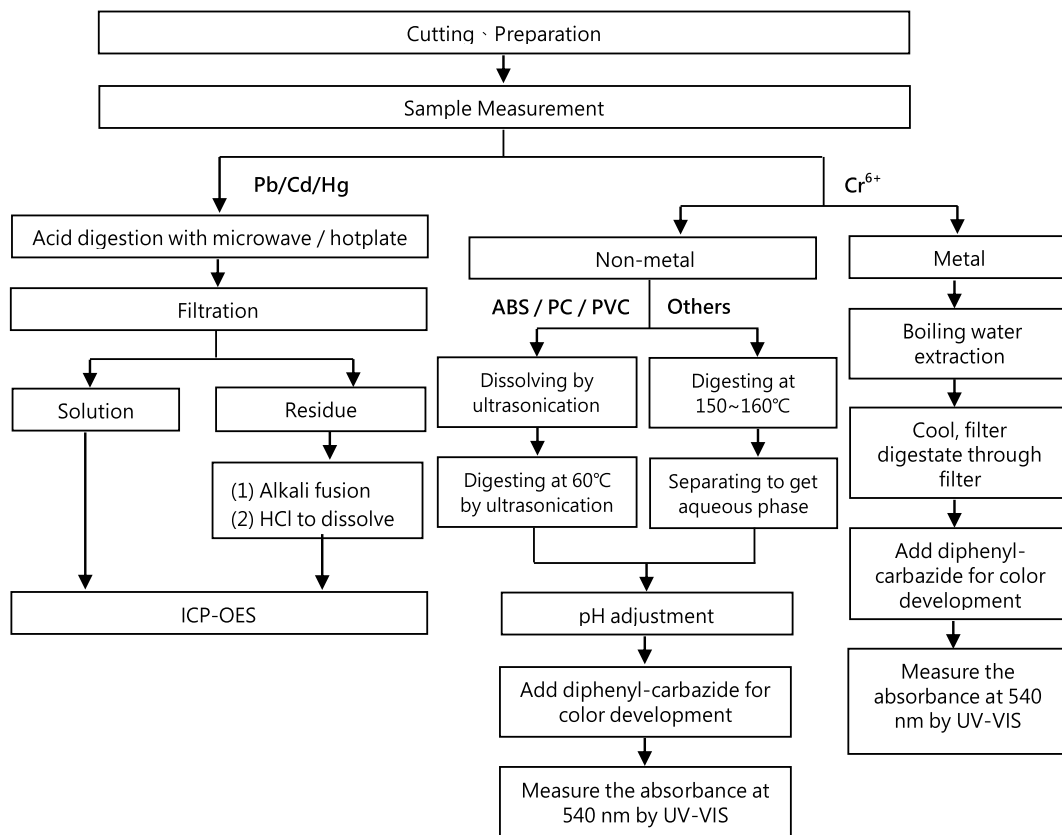
1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. MDL = Method Detection Limit
3. n.d. = Not Detected (Less than MDL)
4. "-" = Not Regulated

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Analytical flow chart of Heavy Metal

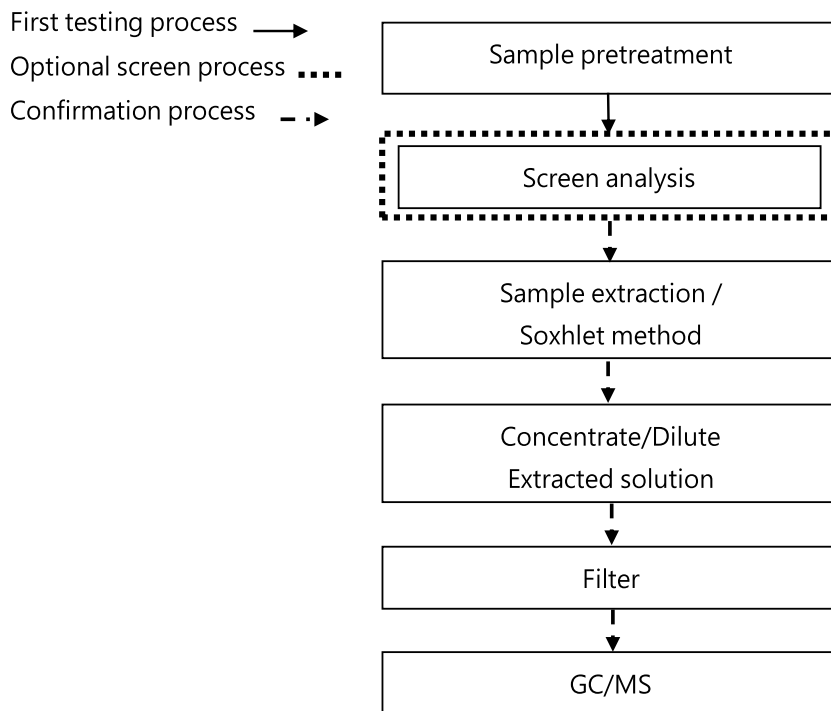
These samples were dissolved totally by pre-conditioning method according to below flow chart.

(Cr⁶⁺ test method excluded)



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Analytical flow chart – PBBs / PBDEs

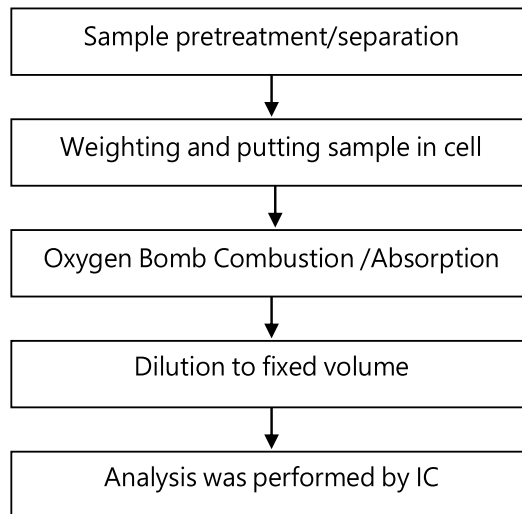


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DEXERIALS CORPORATION

1724 SHIMOTSUBOYAMA, SHIMOTSUKE-SHI, TOCHIGI 323-0194, JAPAN

Analytical flow chart of Halogen



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Test Report

No.: ETR22101691

Date: 13-Jan-2022

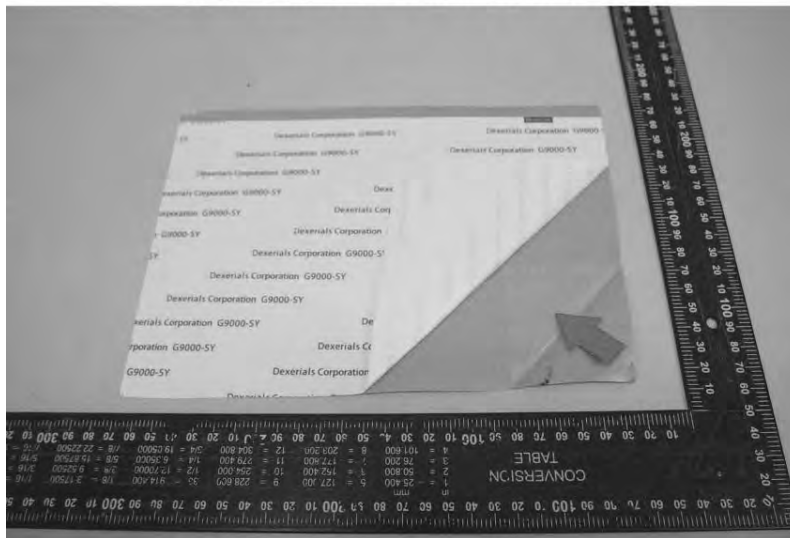
Page: 7 of 7

DEXERIALS CORPORATION

1724 SHIMOTSUBOYAMA, SHIMOTSUKE-SHI, TOCHIGI 323-0194, JAPAN

* The tested sample / part is marked by an arrow if it's shown on the photo. *

ETR22101691



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WIESON TECHNOLOGIES CO., LTD.

WIESON 3D CHAMBER TEST REPORT

Customer: **hitron**

Project Name: **P90602**

WIESON P/N: **GY196HC112-019**

Antenna Type: **Dipole**

Version No. : **01**

Contact Information:

[Tel:02-2647-1896](tel:02-2647-1896)

PM: **Paul Lin**

paul_lin@wieson.com

Ext.6636

Engineer: Emily

emily_chang@wieson.com

Ext.6802



WIESON TECHNOLOGIES CO., LTD.

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Revision History

| Revision | Date | Engineer | Description |
|-----------------|-------------|-----------------|--------------------|
| 01 | 2023/02/21 | Wade | NEW RELEASE |
| | | | |
| | | | |
| | | | |

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WIESON TECHNOLOGIES CO., LTD.

I. ELECTRONIC CHARACTERISTICS

WiFi Dual Band Antenna

A2

| Item | Specification | Specification |
|--------------------------|------------------|------------------|
| Operating Frequency(GHz) | 2.4-2.5 | 5.15-5.85 |
| Bandwidth | 100 MHz (Min.) | 700MHz (Min.) |
| Return Loss | 10 dB (Typ) | 10 dB (Typ) |
| Polarization | Linear | Linear |
| Azimuth Bandwidth | Omni-directional | Omni-directional |
| Peak Gain | 1.58dBi (Max) | 1.87dBi (Max) |
| Impedance | 50Ω | 50Ω |
| Material | PCB | PCB |
| Maximum Power | 1W | 1W |
| V.S.W.R | 2 : 1(Typ) | 2 : 1(Typ) |
| Radiation | Omni directional | Omni directional |
| Efficiency | >52% | >50% |
| Connector | MHF | MHF |
| Cable type | OD:1.37 | OD:1.37 |
| Operating Temperature | -10~60℃ | -10~60℃ |
| Storage temp | -10~70℃ | -10~70℃ |

II. Summary :

This report to account for the measurement setup and result of the Antenna. The measurement setup includes s-parameter, pattern, and gain measurement.

The measured data for Antenna are presented and analysis.

III. S-Parameter Measurement :

A. Reflection coefficient :

(a) Instrument : Network Analyzer.

(b) Setup :

- (1) Calibrate the Network Analyzer by one port calibration using O.S.L. calibration kits.
- (2) Connect the antenna under test to the Network Analyzer.
- (3) Measure the S_{11} (reflection coefficient) shown in Fig. 1.
- (4) Generally, the S_{11} is less than -10dB to ensure the 90% power into antenna and only less than 10% power back to system.

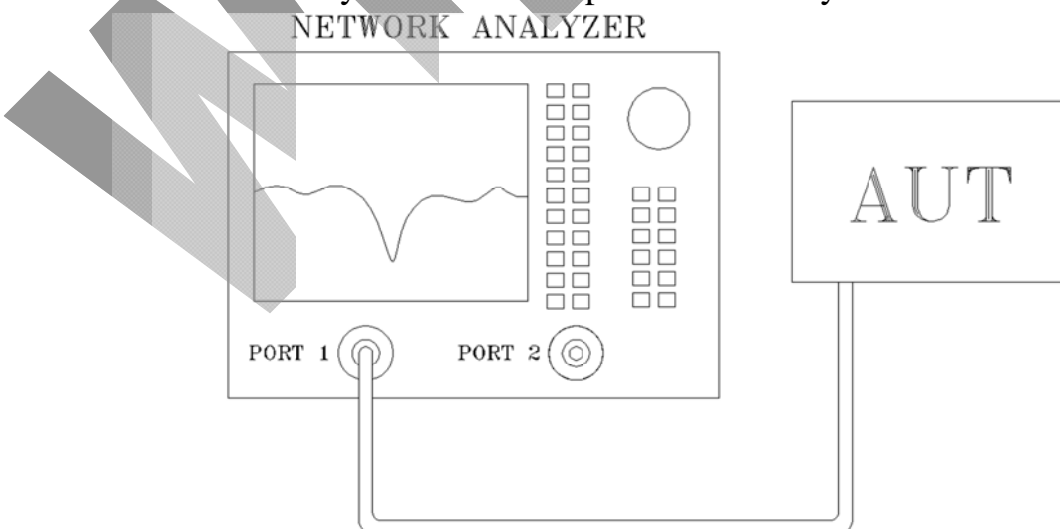
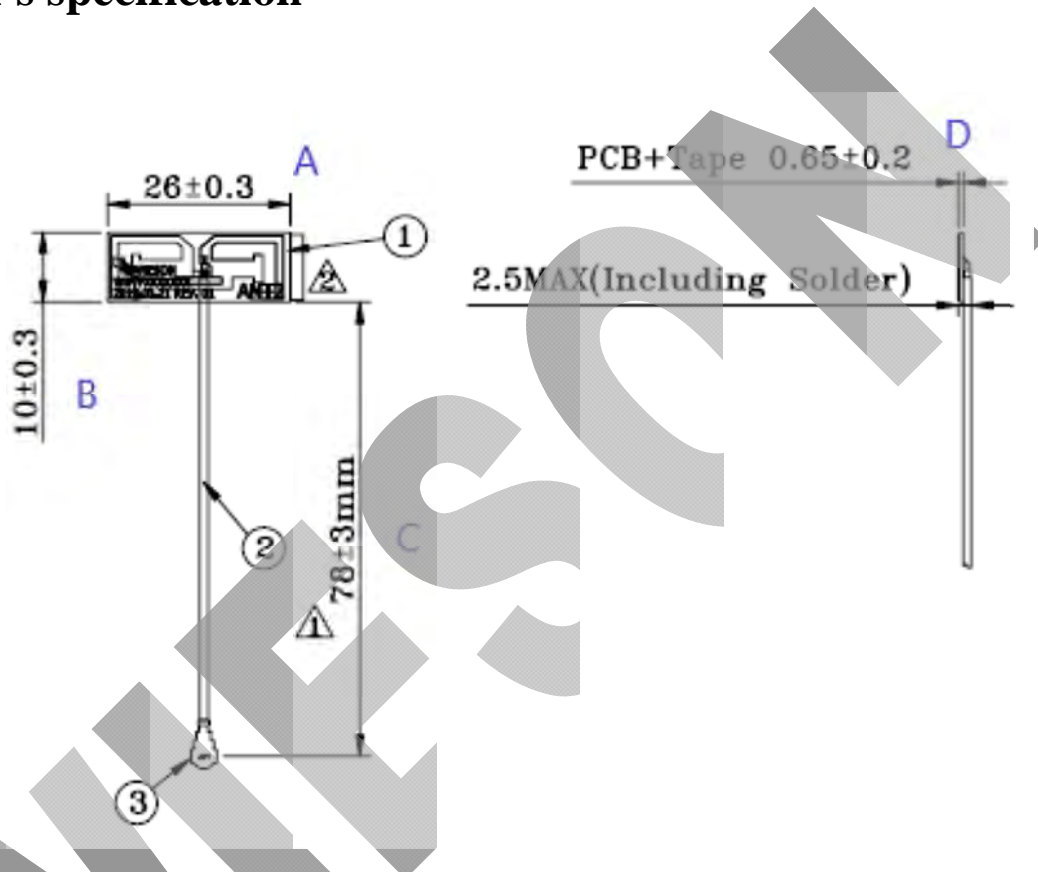


Fig.1 Antenna measured in Network Analyzer

IV. Measure the physical dimension and value to see if it meets

Hitron's specification :



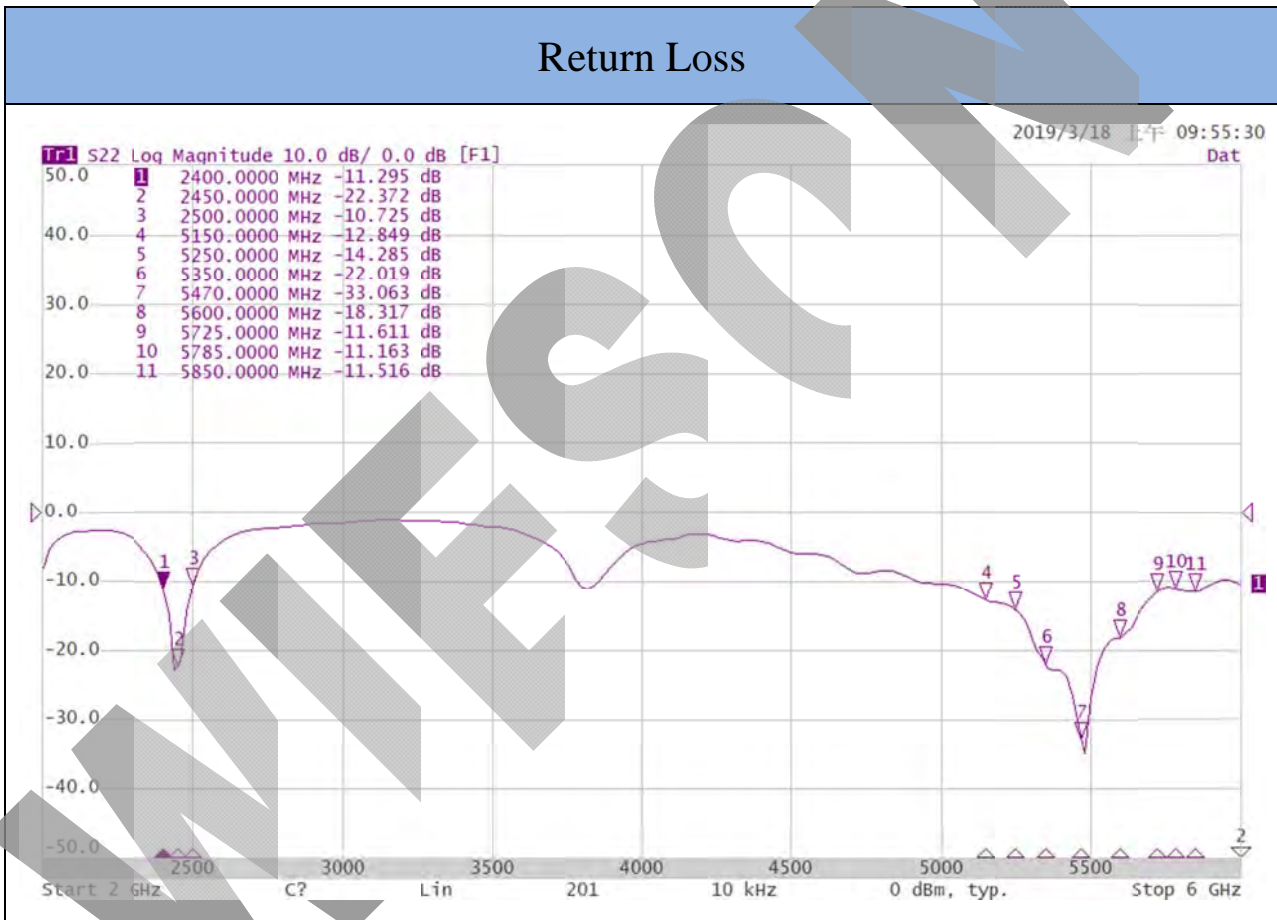
| Test Item | A | B | C | D |
|-----------|--------|--------|-------|----------|
| Value(mm) | 26±0.3 | 10±0.3 | 78±3 | 0.65±0.2 |
| Max | 26.3 | 10.3 | 81 | 0.85 |
| Min | 25.7 | 9.7 | 75 | 0.45 |
| 1 | 26.05 | 10.0 | 78.09 | 0.68 |
| 2 | 26.06 | 10.01 | 77.95 | 0.70 |
| 3 | 26.01 | 10.02 | 77.99 | 0.69 |
| 4 | 26.05 | 10.01 | 78.05 | 0.69 |
| 5 | 26.06 | 10.01 | 77.03 | 0.70 |
| Result | Pass | Pass | Pass | Pass |



VII. S-Parameter Measurement Result :

Dual Band Antenna

A2

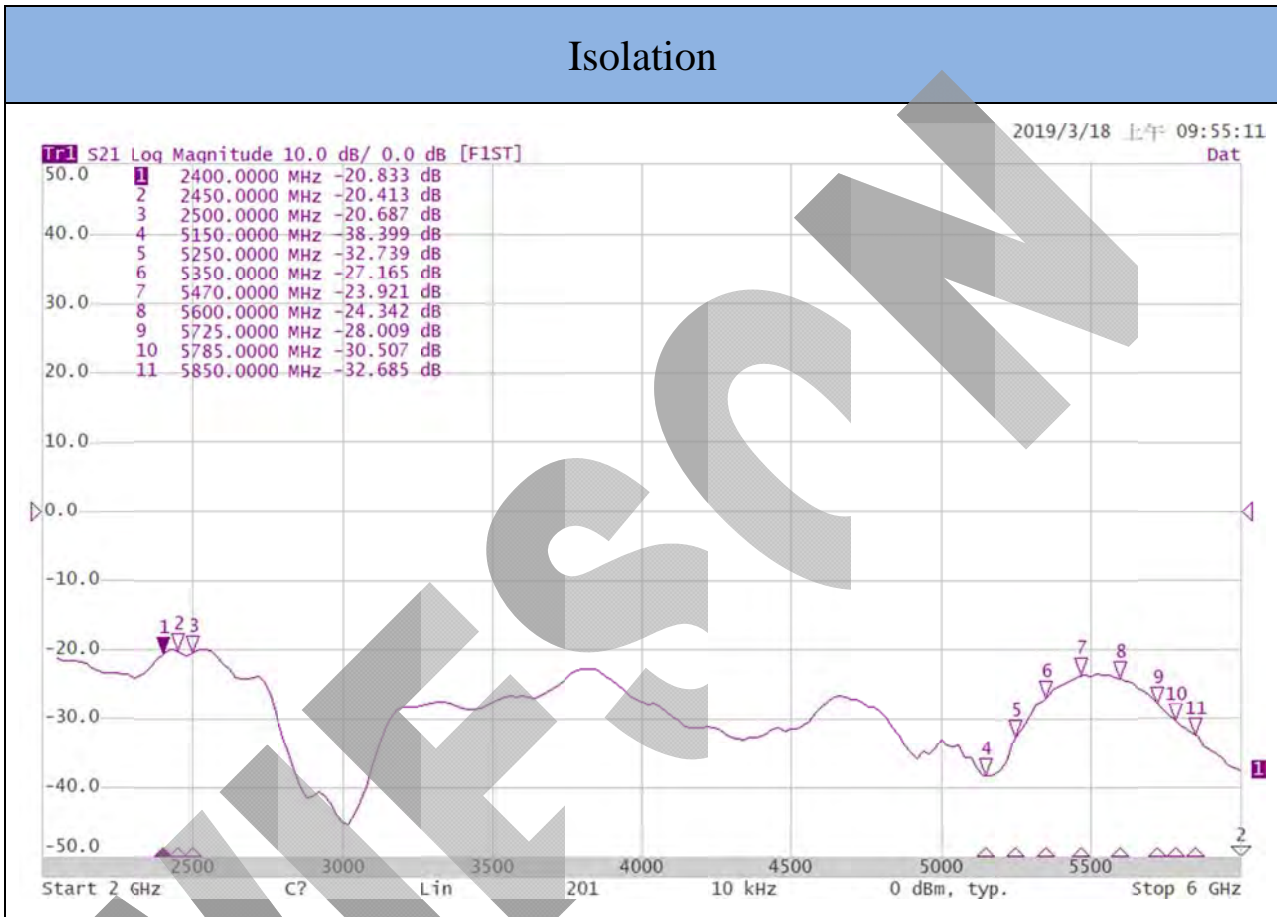


| Frequency (MHz) | 2400 | 2450 | 2500 | 5150 | 5250 | 5350 | 5470 | 5600 | 5725 | 5785 | 5850 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| S11(dB) | -11.29 | -22.37 | -10.72 | -12.84 | -14.28 | -22.01 | -33.06 | -18.31 | -11.61 | -11.16 | -11.51 |



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A1&A2

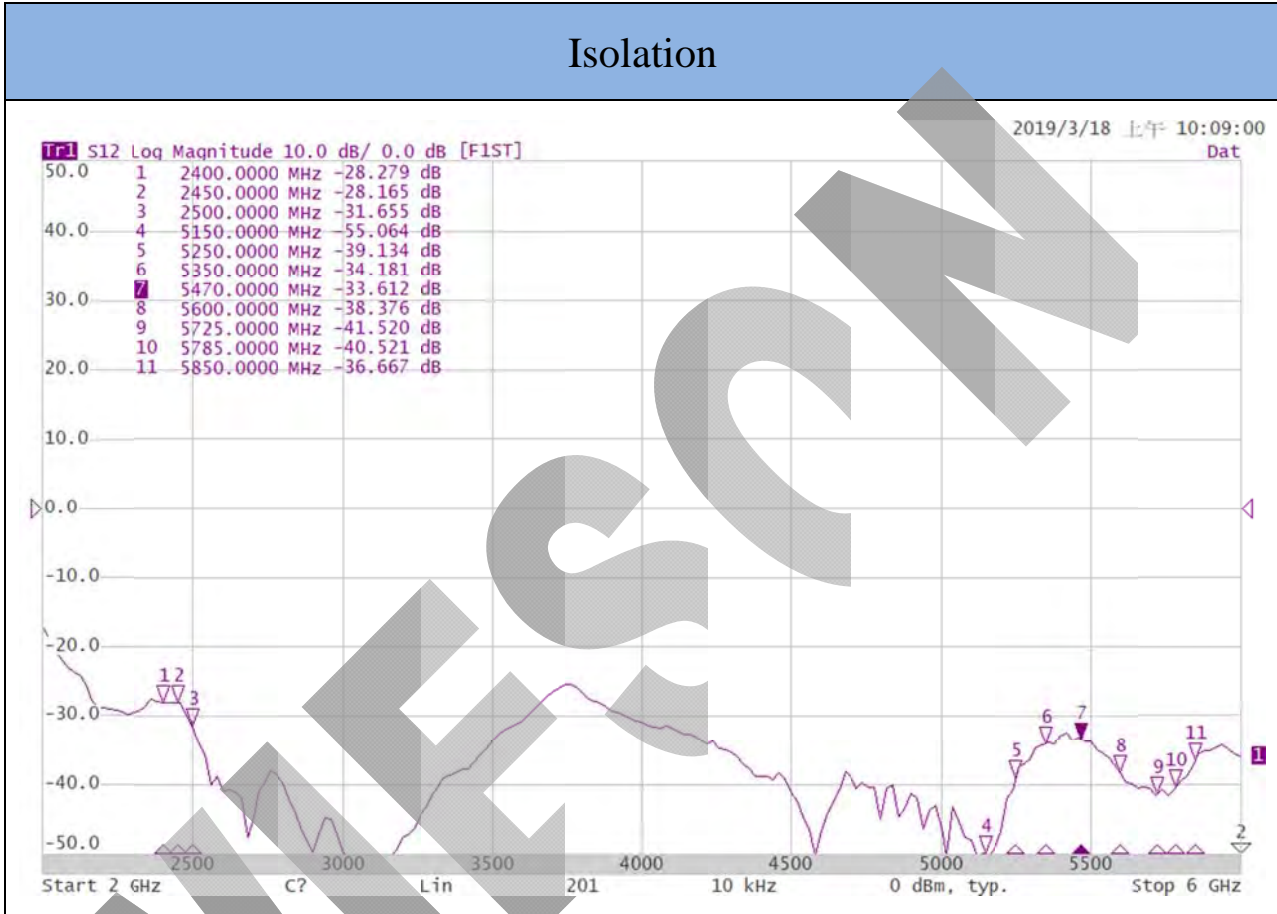


| Frequency (MHz) | 2400 | 2450 | 2500 | 5150 | 5250 | 5350 | 5470 | 5600 | 5725 | 5785 | 5850 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| S11(dB) | -20.83 | -20.41 | -20.68 | -38.39 | -32.73 | -27.16 | -23.92 | -24.34 | -28.00 | -30.50 | -32.68 |



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A2&A3

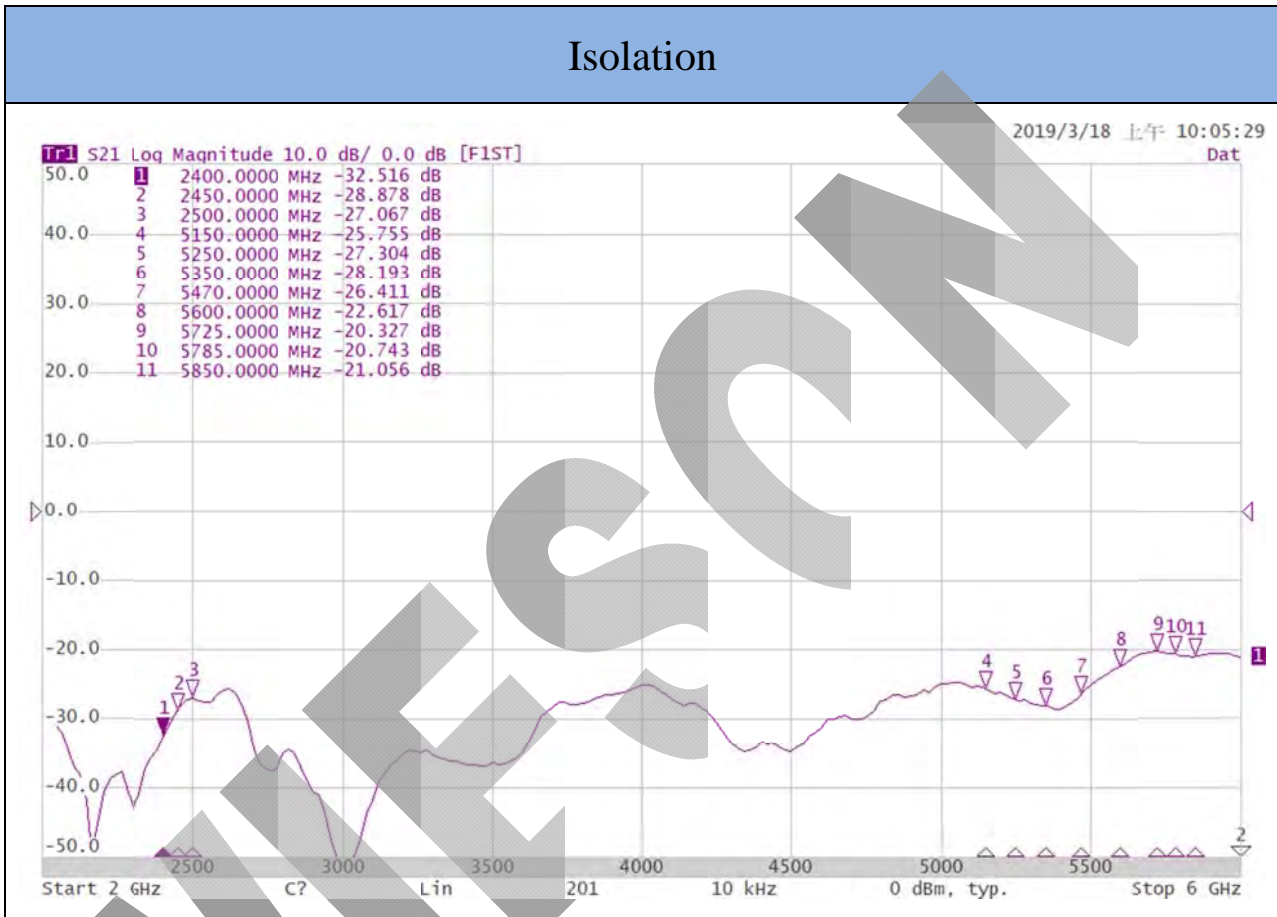


| Frequency (MHz) | 2400 | 2450 | 2500 | 5150 | 5250 | 5350 | 5470 | 5600 | 5725 | 5785 | 5850 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| S11(dB) | -28.27 | -28.16 | -31.65 | -55.06 | -39.13 | -34.18 | -33.61 | -38.37 | -41.52 | -40.52 | -36.66 |



WIESON TECHNOLOGIES CO., LTD.

A2&A4



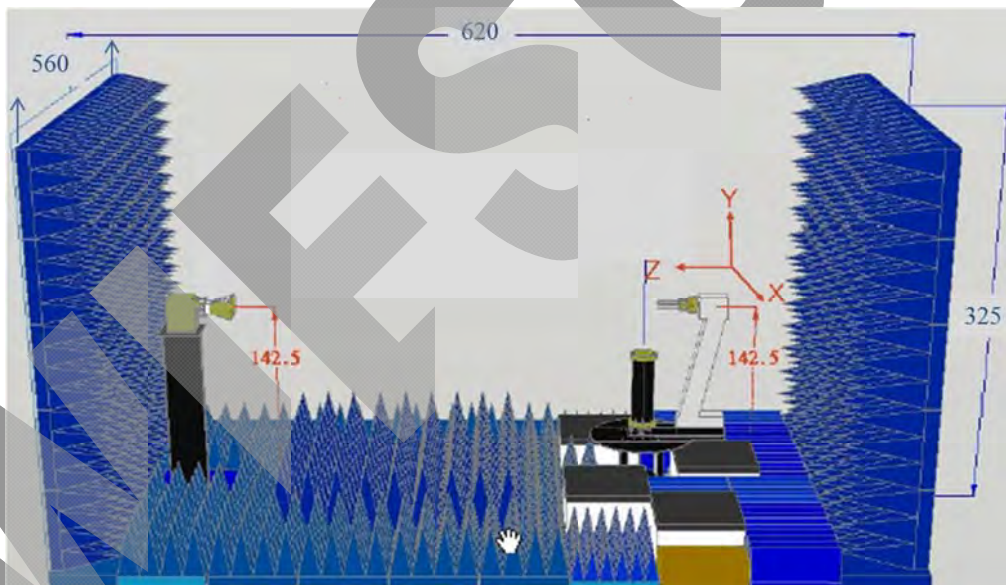
| Frequency (MHz) | 2400 | 2450 | 2500 | 5150 | 5250 | 5350 | 5470 | 5600 | 5725 | 5785 | 5850 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| S11(dB) | -32.51 | -28.87 | -27.06 | -25.75 | -27.30 | -28.19 | -26.41 | -22.61 | -20.32 | -20.74 | -21.05 |

VIII. The Test Information Anechoic Chamber

A. Scope

This statement of work defines the requirements of a far-field antenna measurement range, which includes

- (1) One 560 cm (W) x 325 cm (H) x 620 cm (L) Antenna Measurement Anechoic Chamber, detailed requirements refer section B .
- (2) One Far-field Antenna Measurement System with spinning linear CP measurement capabilities, detailed requirement refer section E & F .
- (3) One broad-band transmitted antenna, detailed requirements refer section G .



B. Antenna Measurement Anechoic Chamber

Fully anechoic chamber with dimension 560 cm in width, 325 cm in height and 620 cm in length. The quiet zone of this Chamber shall be greater than



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60 cm @ 400MHz~900MHz, 43 cm @2.4 GHz, 31 cm @5.8 GHz,. Contractor should be aware of this anechoic chamber is going to be used for performing far-field antenna measurement.

C. Electrical specifications

Frequency Range: 400 MHz to 7.125 GHz,

Quiet zone size: >60 cm @ 400MHz~900MHz, >43 cm @2.4 GHz, >31 cm @5.8 GHz.

Quiet zone ripple: < +/- 1.5 dB @500(400)MHz~800MHz, < +/-0.75 dB @800MHz~1.5GHz, < +/- 0.5 dB @1.5GHz~7.125GHz

| Field Probing Frequency | Peak-to-Peak Amplitude Taper (Within specified Quiet Zone Area) | Quiet Zone Size (cm) | Compliant |
|--------------------------------|--|---------------------------------|------------------|
| 0.9 GHz | < 0.75 dB | 60 | Yes |
| 1.575 GHz | < 0.5 dB | 43 | Yes |
| 1.8 GHz | < 0.5 dB | 43 | Yes |
| 2.4 GHz | < 0.5 dB | 43 | Yes |
| 5.8 GHz | < 0.5 dB | 31 | Yes |



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D. Absorbers

We shall design and install proper absorbers on the inner walls of the chamber to guarantee the electrical specifications. However, the absorbers height shall be no less than 24" which enables the space in the chamber to be around 438 cm (W) x 203 cm (H) x 513 cm (L). All the absorber used shall meet NRL-8093 fire retardant regulations

E. Far-field Antenna Measurement System

We shall supply all the hardware and software which are capable of characterizing antenna radiation patterns from 30 KHz to 6 GHz using the existed Agilent 5230A PNA-L or Agilent 8753ES Vector Network Analyzer. The system shall be able to automatically measure and plot single axis amplitude and phase antenna patterns in either Cartesian or polar formats.

F. Far-field measurement software

The software consists of the control or data acquisition software and the data plotting software.

(1) The data acquisition software shall at least be capable of the following functions:

- *measuring single frequency per cut - single axis (azimuth); system can automatically switch frequency at the end of a scan.
- *measuring data in Uni-direction or bi-direction
- *measuring data at least with azimuth 360 degrees. (+/- 180 degrees or 0-360 degrees)
- *real time plot in Cartesian or polar format
- *screen shows real time angle position



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- *system automatically calculates S/N ratio level based on measured signal fluctuation
- *function to set positioner zero position
- *operator can set data taking velocity and data sampling interval
- *entry to allow positioner offset to any angle

(2) The data plotting software shall at least be capable of the following functions:

- *Editing plot data
- *plotting data in Cartesian, Polar or delimited ASCII output with header information
- *plotting data in linear or dB scales
- *normalizing data to peak (dB), standard gain reference (dBi), or no normalization
- *overlying data, (drag and drop capability is preferable)
- *outputting data to any Windows supported printers

G. Broadband Transmitted antenna

We shall provide a linear-polarized broadband antenna with the specifications better than those listed hereafter in this article,
 Frequency: 0.5-6 GHz, Gain: >12 dBi @10 GHz, VSWR:<2,0:1, Front to Back Ration > 20 dB

H. Equipment list

| Device | Ttype/Model | Serial# | Manufacturer | Cal. Date | Cal. Due Date |
|--------------------------------|-----------------|-------------------|-----------------------------|-----------|---------------|
| Anechoic Chamber | SpaceSacer 26H | 3100508-182-00007 | ETS-Lindgren | 30-Jun-22 | 30-Jun-23 |
| Dual Polarized Diagonal Horn A | 3164 | 3164-03 | ETS-Lindgren | 30-Jun-22 | 30-Jun-23 |
| Spectrum Analyzer(SA) | FSV · FSP | 3100505-19-00011 | RCHDE&SCHWARZ | 24-Mar-20 | 24-Sep-23 |
| Network Analyzer(NA) | ZNB4 | - | RCHDE&SCHWARZ | 24-Mar-20 | 24-Sep-23 |
| Network Analyzer(NA) | R3767CG | 130101611 | ADVANTEST | 24-Mar-20 | 24-Sep-23 |
| Network Analyzer(NA) | C4209 | 3100505-53-00006 | TS RF Instruments Co., Ltd. | 24-Mar-20 | 24-Sep-23 |
| universal radio communication | CMW500 · CMU200 | 101548/102977 | RCHDE&SCHWARZ | 28-May-20 | 28-Nov-23 |
| Turn table Controller | EMCO 2090 | 23525 | ETS(EMCO) | N/A | N/A |
| Slot Switch(SW) | Aqilent 3499B | 3100508-041-00001 | Aqilent | N/A | N/A |
| Power Amplifier(PA) | ZVE-8G+ | SN427201705 | PLANAR MONOLITHICS IN | 28-May-20 | 28-Nov-23 |
| Low-noise Amplifier(LNA) | ZFL-500 | 3100504-27-00014 | MInI-Circuits | 28-May-20 | 28-Nov-23 |



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X. Antenna Measurement Result(excluding cable)

Dual Band Antenna

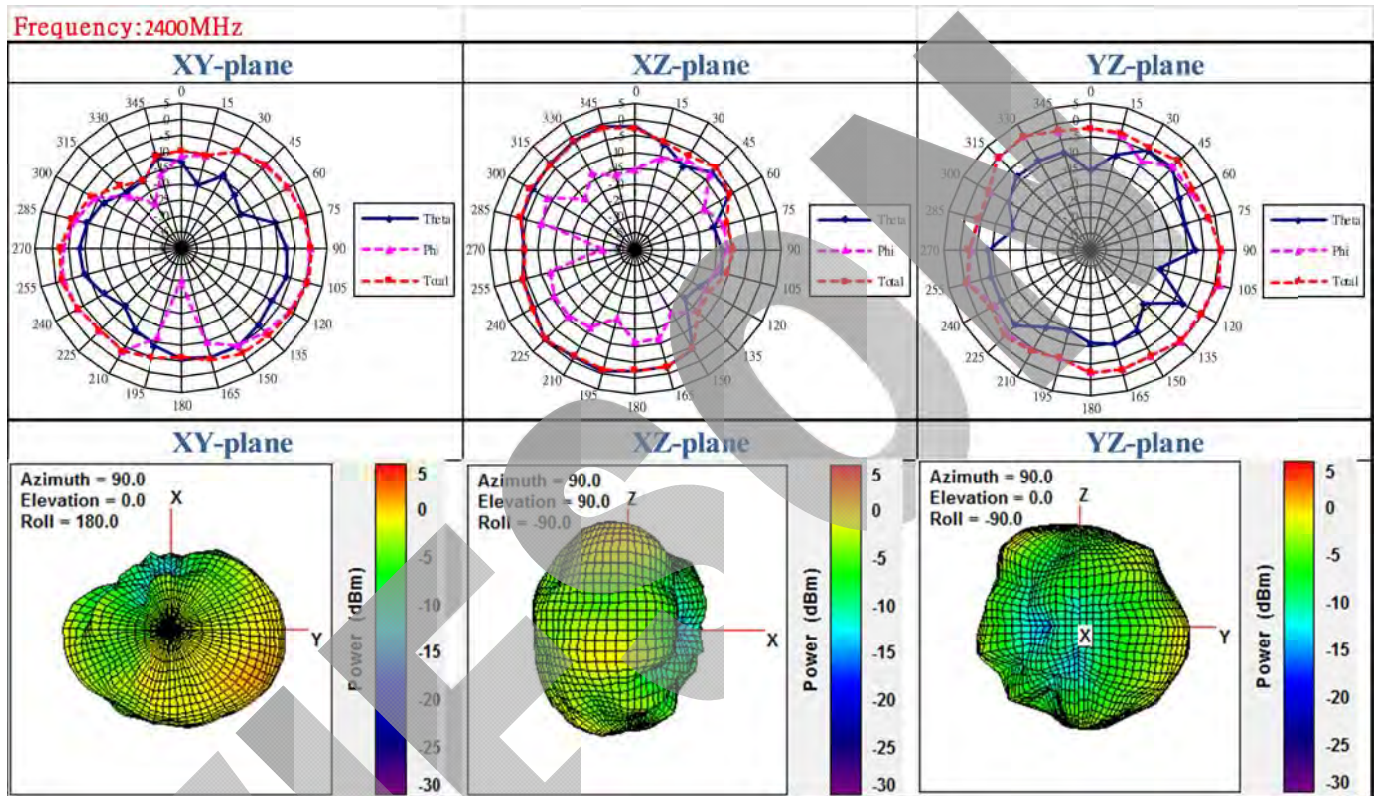
A2

| Freq(GHz) | Peak Gain(dBi) | 3D-avg Gain(dBi) | Efficiency(%) |
|------------------|-----------------------|-------------------------|----------------------|
| 2.4 | 1.34 | -2.60 | 55 |
| 2.45 | 1.58 | -2.29 | 59 |
| 2.5 | 1.24 | -2.81 | 52 |
| 5.15 | 1.71 | -2.79 | 53 |
| 5.25 | 1.36 | -2.46 | 57 |
| 5.35 | 1.64 | -2.13 | 61 |
| 5.47 | 1.28 | -2.94 | 51 |
| 5.6 | 1.43 | -3.03 | 50 |
| 5.725 | 1.60 | -2.72 | 53 |
| 5.785 | 1.87 | -2.61 | 55 |
| 5.85 | 1.61 | -2.68 | 54 |



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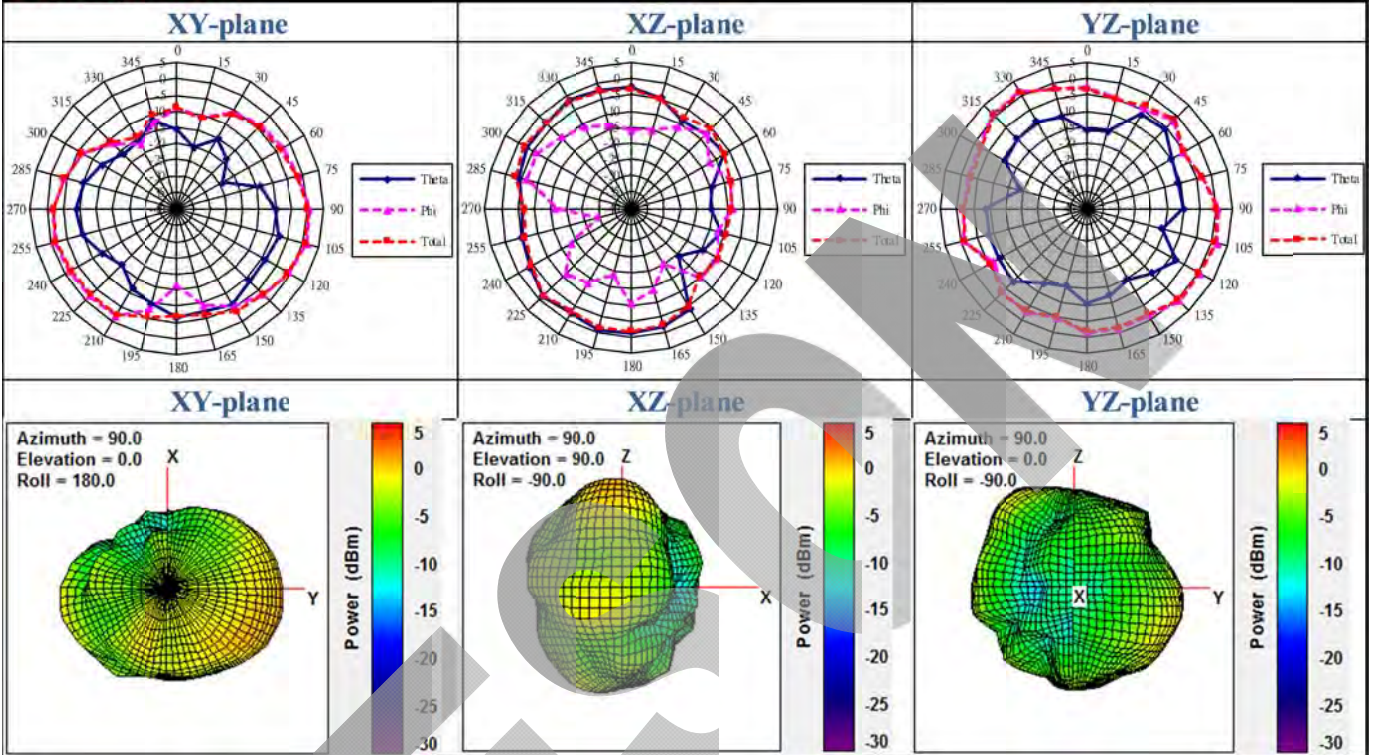
3D Radiation Pattern of Antenna





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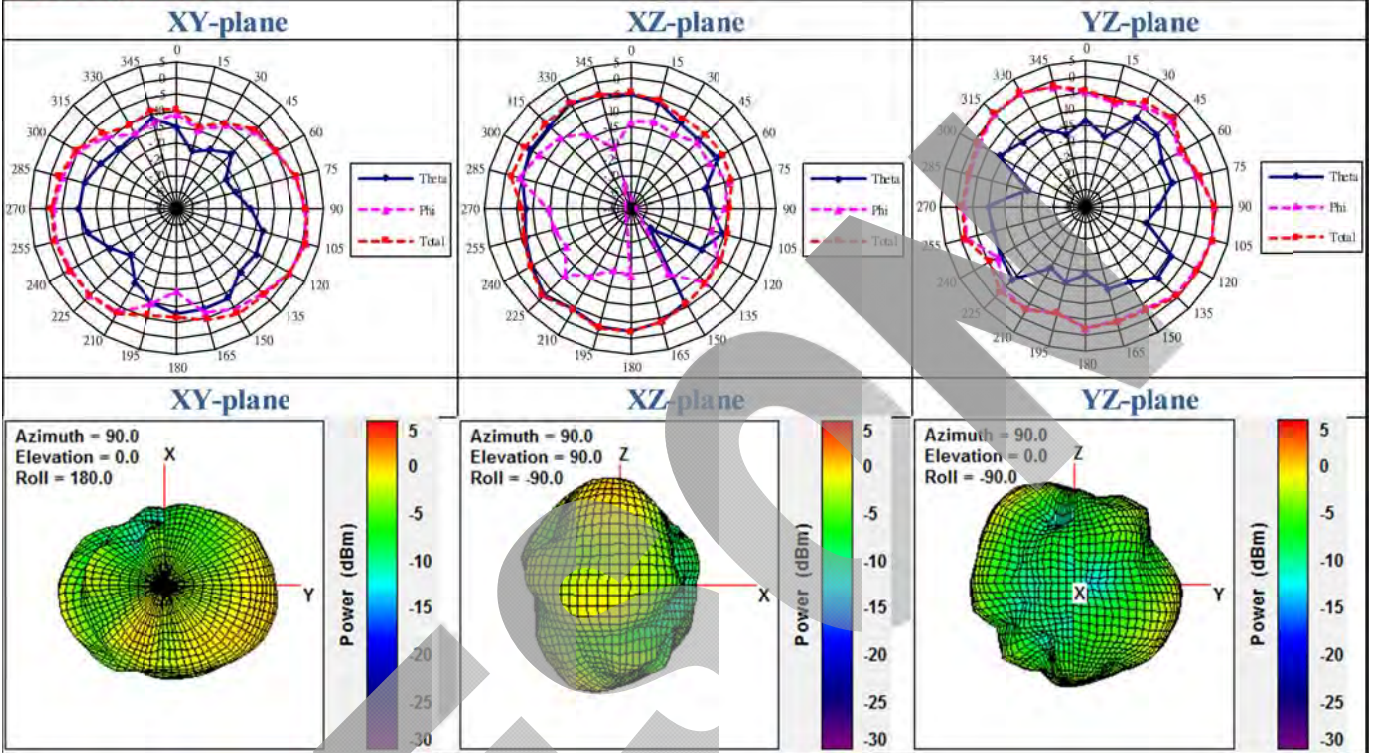
Frequency: 2450MHz





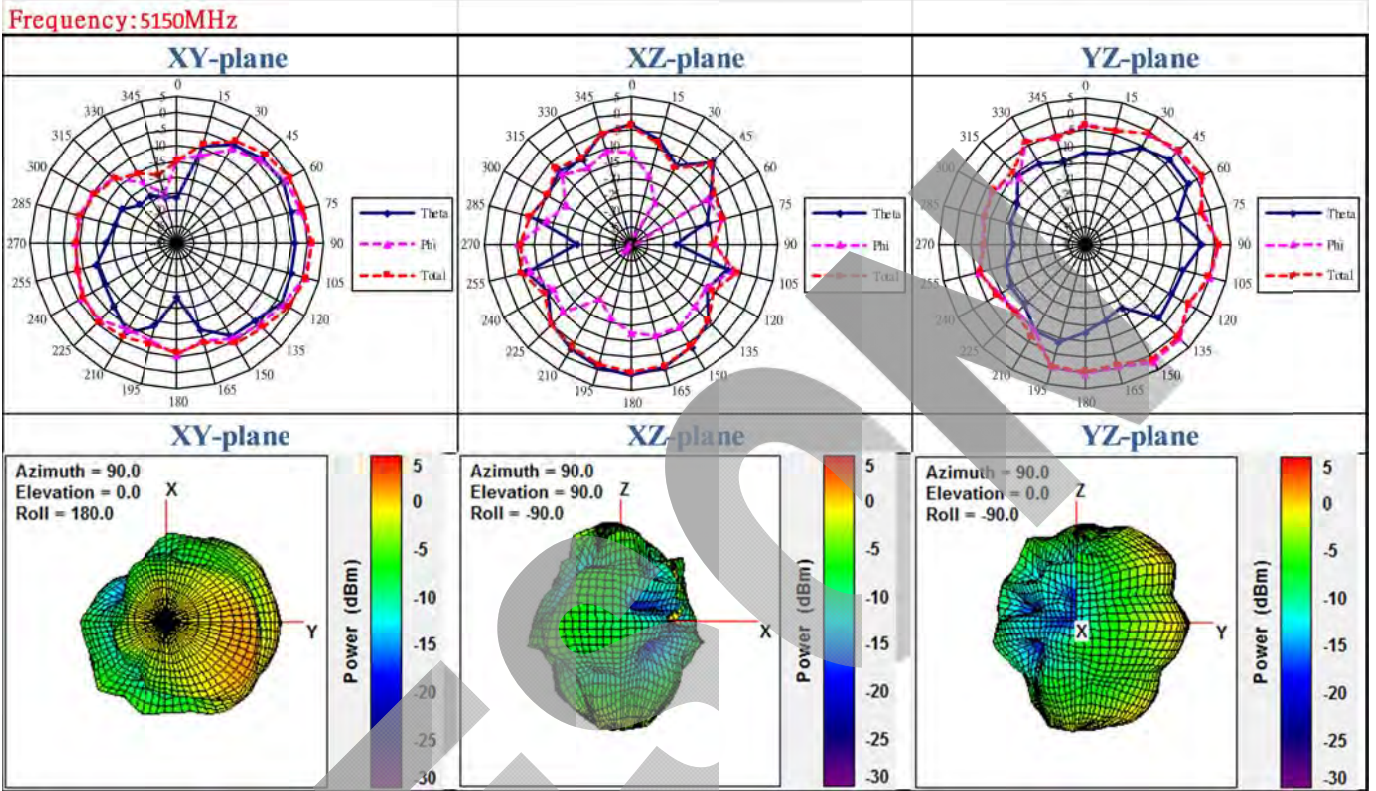
WIESON TECHNOLOGIES CO., LTD.

Frequency: 2500MHz



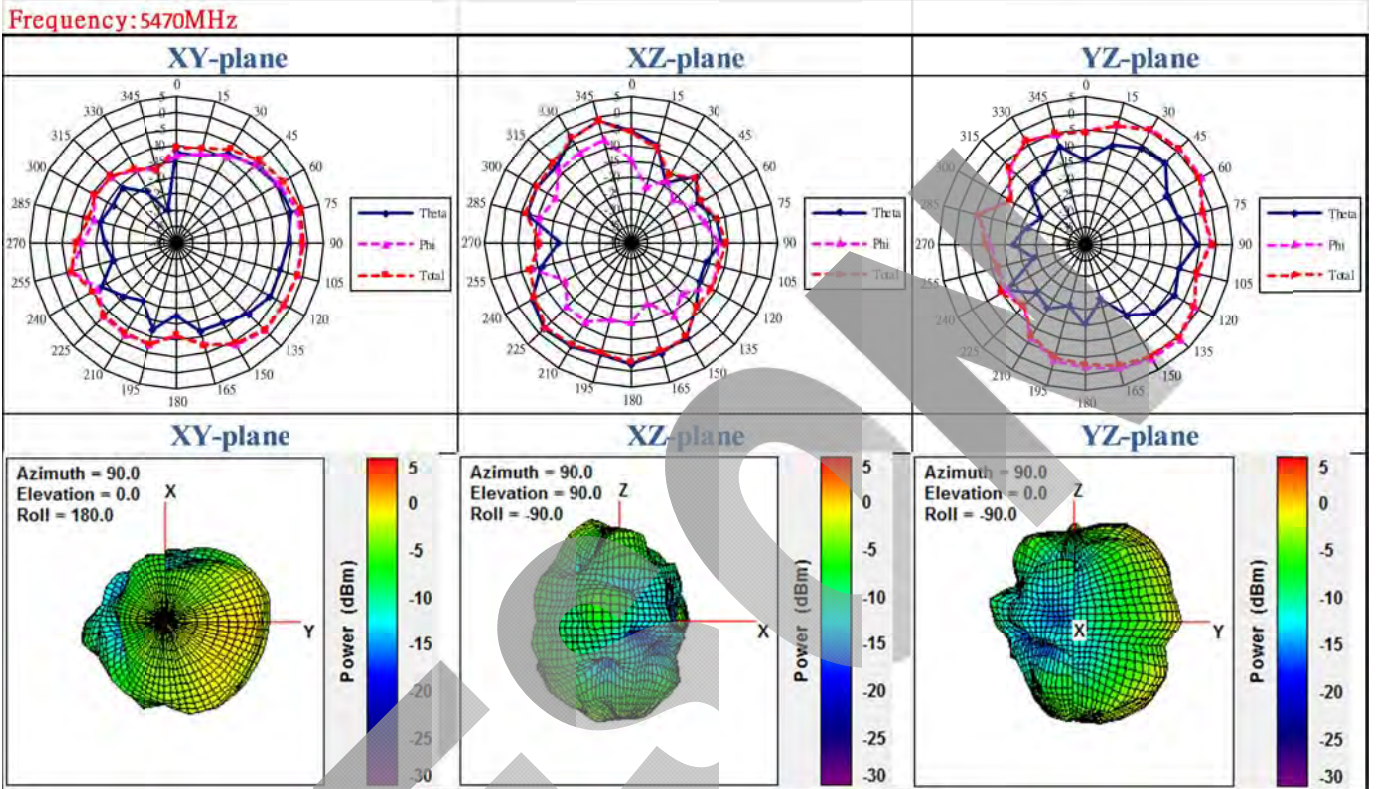


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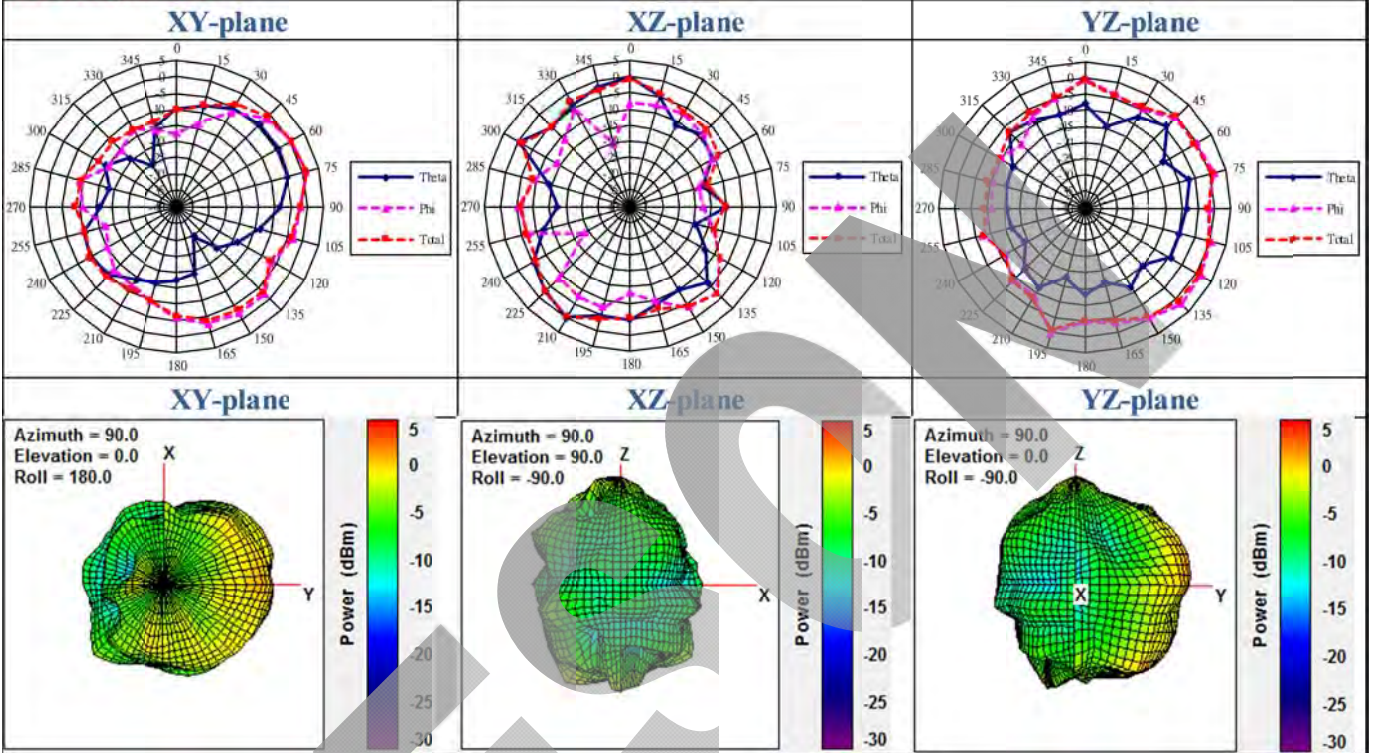
WIESON TECHNOLOGIES CO., LTD.





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Frequency: 5850MHz





TEST REPORT

| | |
|---------------------|------------------------------------|
| Report No. | :WSC-19T-78 |
| Applicant | :CS4000 |
| Commodity | : |
| Model No. | :GY196HC112-018/019/020/021 |
| Quantity | :20pcs. |
| Date of Testing | :OCT.07,2019~OCT.10,2019 |
| Measure Environment | :Temp. : 23±3°C , R.H.: 35%~75% |
| Test Item | :Refer to paragraph 1, Test Group. |

- Note: 1. The results of the testing report relate only to the items tested.
2. The testing report shall not be reproduced except in full, without the written approval of WIESON.

| Checked by: | Tested by: |
|--------------------|-------------------|
| <i>Fan Shigang</i> | <i>Li Yuxiang</i> |

WIESON ELECTRONIC CO., LTD.

ADDRESS : Huan Gang,Hou Jie Town,Dong Guan City,Guang
Dong,China

TEL : 86-769-85597201 FAX :86-769-85598311 Wed:<http://www.wieson.com>

WIESON TECHNOLOGIES CO., LTD.

QUALIFICATION TEST REPORT

REPORT NO. : WSC-19T-78

Test Items:

| No. | Test Description |
|-----|------------------|
| 1 | Humidity |
| 2 | Thermal Shock |
| 3 | Low Temperature |
| 4 | Salt Spray |

Test Product:



Test Group process:

| Test Description Sequence | Test Group | | | |
|----------------------------|------------|-----|-----|-----|
| | 1 | 2 | 3 | 4 |
| Examination of product | 1.3 | 1.3 | 1.3 | 1.3 |
| V.S.W.R(Before) | | | | |
| Humidity | 2 | | | |
| Thermal Shock | | 2 | | |
| Low Temperature | | | 2 | |
| Salt Spray | | | | 2 |
| V.S.W.R(After) | | | | |
| Sample Size per Test Group | 3 | 3 | 3 | 3 |

Note: Test specimen(s) shall be prepared in accordance with approval sheets and shall be selected at random.

WIESON TECHNOLOGIES CO., LTD.

QUALIFICATION TEST REPORT

REPORT NO. : WSC-19T-78

1.V.S.W.R TEST(Before)

| WIESON NO. | Test Item | 2.5085 GHz | 5.3580 GHz |
|----------------|-----------|------------|------------|
| GY196HC112-018 | V.S.W.R | 1.46 | 1.51 |
| | | 1.48 | 1.48 |
| | | 1.51 | 1.48 |

| WIESON NO. | Test Item | 2.4361 GHz | 5.4666 GHz |
|----------------|-----------|------------|------------|
| GY196HC112-019 | V.S.W.R | 1.69 | 1.45 |
| | | 1.65 | 1.42 |
| | | 1.55 | 1.42 |

| WIESON NO. | Test Item | 2.4361 GHz | 5.3098 GHz |
|----------------|-----------|------------|------------|
| GY196HC112-020 | V.S.W.R | 1.56 | 1.25 |
| | | 1.55 | 1.25 |
| | | 1.54 | 1.22 |

| WIESON NO. | Test Item | 5.1977 GHz |
|----------------|-----------|------------|
| GY196HC112-021 | V.S.W.R | 1.21 |
| | | 1.20 |
| | | 1.19 |

1.1 Test Result:

| | |
|---------|------|
| Comment | PASS |
|---------|------|

WIESON TECHNOLOGIES CO., LTD.

QUALIFICATION TEST REPORT

REPORT NO. : WSC-19T-78

2. Test Group 1[Humidity]:

2.1 Test item & Test method:

| | Test Item | Test Method |
|---|-----------|---------------------------------|
| 1 | Humidity | According to method EIA 364-31B |

2.2 Test condition:

2.2.1 Humidity:

Temperature: 70°C .

Relative Humidity: 75%.

Duration: 48 hours.

2.3 Test request:

2.3.1 Humidity:

a. No evidence of damage.

2.4 Test value:

| | Sample 1 | Sample 2 |
|-------------------|----------|----------|
| Visual Inspection | OK | OK |
| Humidity | 48H | 48H |
| Visual Inspection | OK | OK |

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QUALIFICATION TEST REPORT

REPORT NO. : WSC-19T-78

2.5 Test picture.



2.6 Test result:

| | |
|---------|------|
| Comment | PASS |
|---------|------|

3. Test Group2[Thermal Shock]:

3.1 Test Item & Test method:

| | Test Item | Test Method |
|---|---------------|--------------------------------|
| 1 | Thermal Shock | According to method EIA 364-32 |

3.2 Test condition:

Thermal Shock :a. -40 ~ +85°C.

b. 20Cycles.

c. Exposure time at temperature extremes: 0.5hour.

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QUALIFICATION TEST REPORT

REPORT NO. : WSC-19T-78

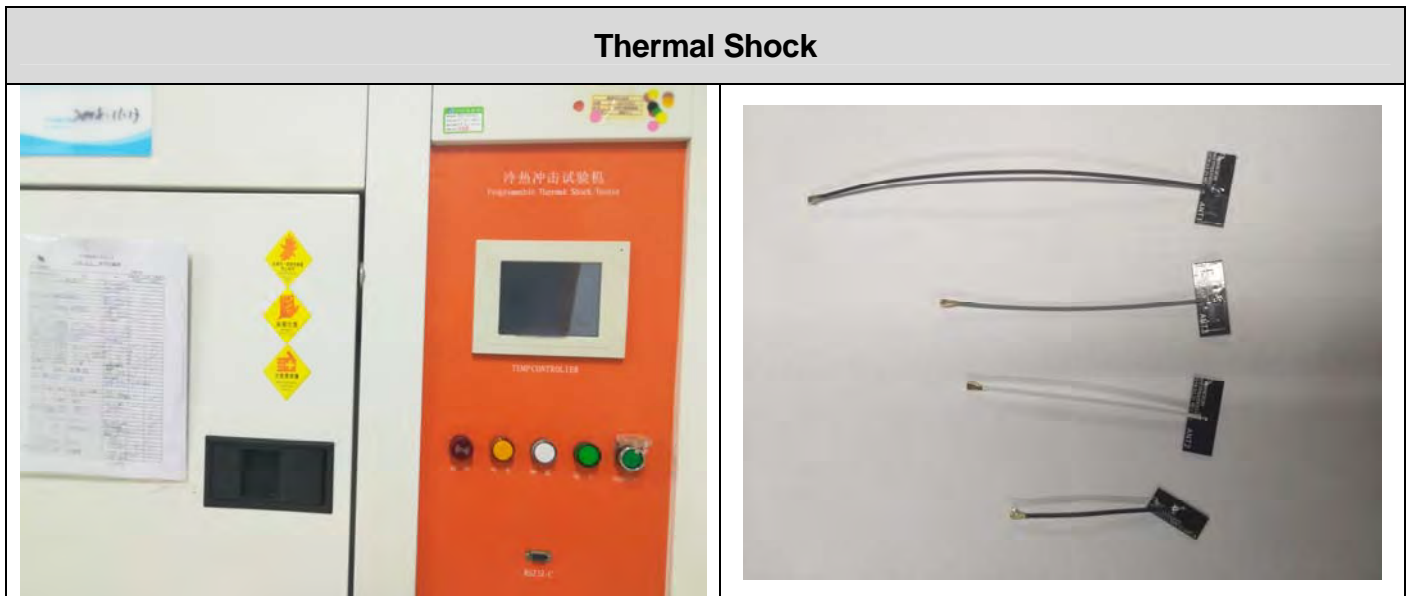
3.3 Test Request:

Thermal Shock: a.No physical damage.

3.4 Test Value:

| | Sample 1 | Sample 2 |
|-----------------|----------|----------|
| Visual Inspect. | OK | OK |
| Thermal Shock | OK | OK |
| Visual Inspect. | OK | OK |

3.5 Test picture.



3.6 Test Result:

| | |
|---------|------|
| Comment | PASS |
|---------|------|

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QUALIFICATION TEST REPORT

REPORT NO. : WSC-19T-78

4. Test Group 3 [Low Temperature]:

4.1 Test Item & Test method:

| | Test Item | Test Method |
|---|-----------------|-------------------------|
| 1 | Low Temperature | According to EIA 364 20 |

4.2 Test condition:

3.2.1 Low Temperature: Temperature: -10°C, Time: 48 hours.

4.3 Test Request:

3.3.1 No evidence of damage.

4.4 Test Value:

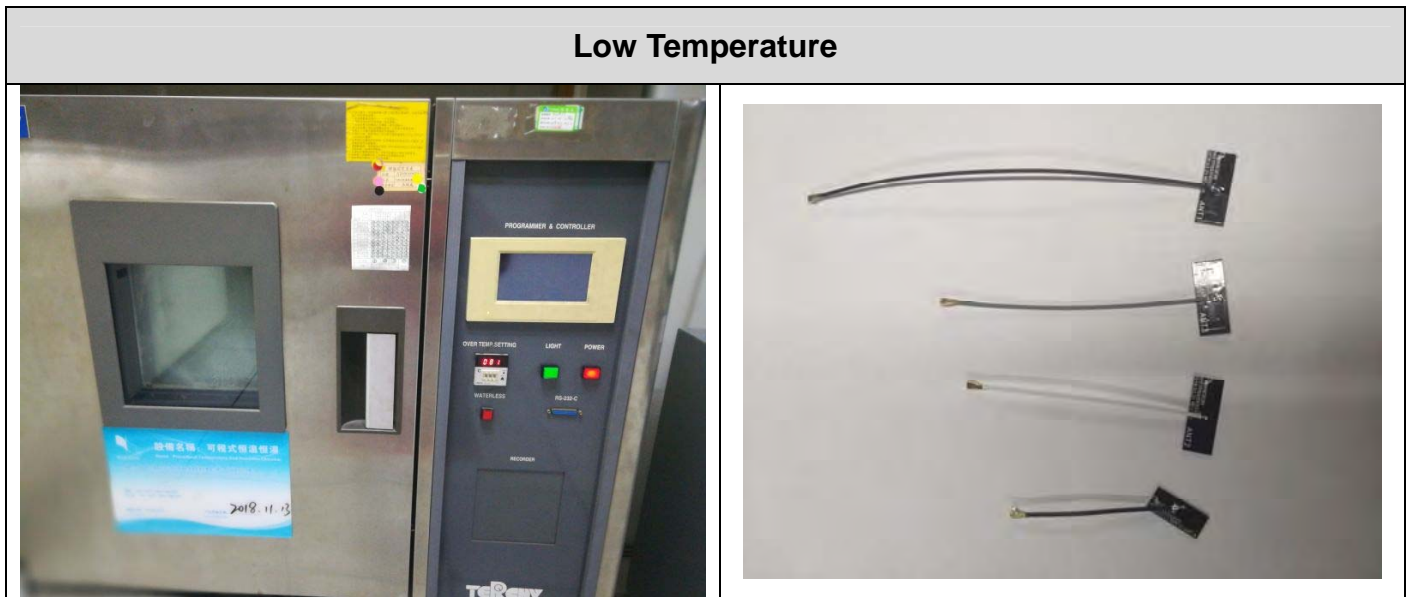
| | Sample 1 | Sample 2 |
|-----------------|----------|----------|
| Visual Inspect | OK | OK |
| Low Temperature | 48H | 48H |
| Visual Inspect | OK | OK |

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QUALIFICATION TEST REPORT

REPORT NO. : WSC-19T-78

4.5 Test picture.



4.6 Test Result:

| | |
|---------|------|
| Comment | PASS |
|---------|------|

5. Test Group 4[Salt Spray]:

5.1 Test Item & Test method:

| | Test Item | Test Method |
|---|-----------------------|---------------------------------|
| 1 | Insulation Resistance | According to method EIA-364-21C |
| 2 | DWV | According to method EIA-364-20C |
| 3 | Salt Spray | According to method EIA 364-26B |

5.2 Test condition:

5.2.1 Salt Spray: Temp : $35\pm 2^{\circ}\text{C}$, solution: 5%, PH value: 6.5 ~ 7.2,
Humidity: 95 ~ 98 % (R.H.), Duration: 48hours.

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QUALIFICATION TEST REPORT

REPORT NO. : WSC-19T-78

5.3 Test Request:

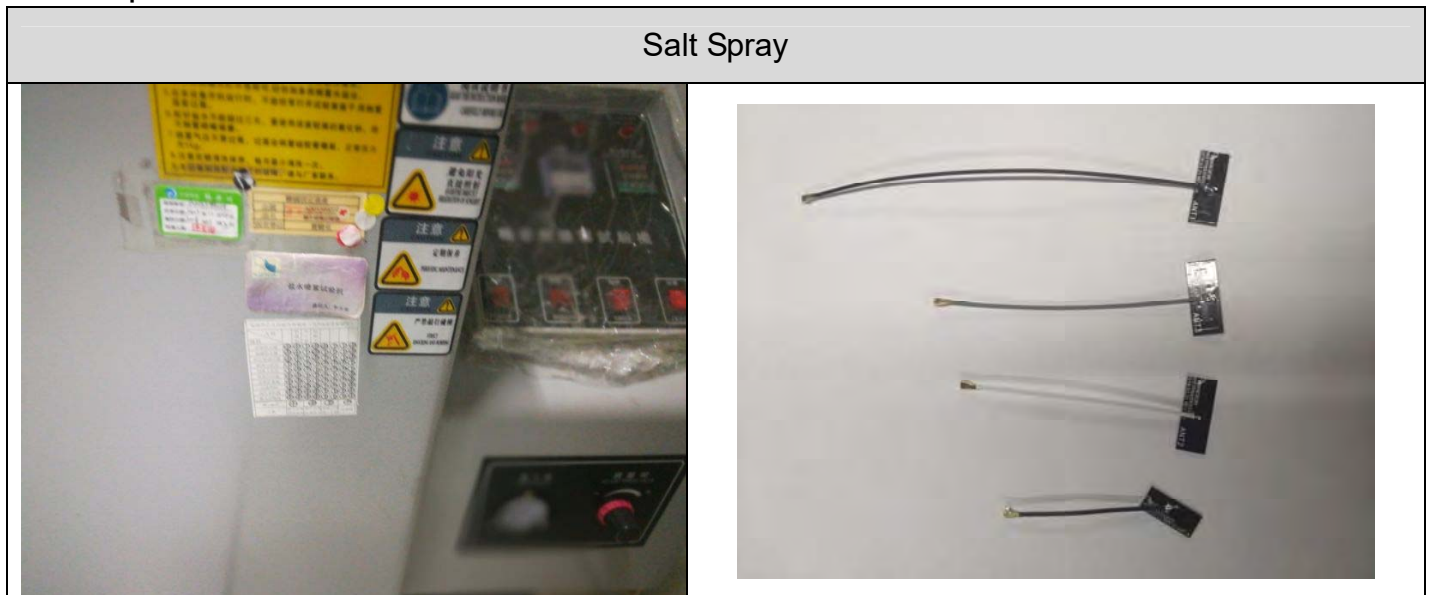
5.3.1 Salt Spray:

a.No physical damage.

5.4 Test Value:

| | Sample 1 | Sample 2 |
|-------------------|----------|----------|
| Visual Inspection | OK | OK |
| Salt Spray | 48H | 48H |
| Visual Inspection | OK | OK |

5.5 Test picture:



5.6 Test Result:

| | |
|---------|------|
| Comment | PASS |
|---------|------|

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QUALIFICATION TEST REPORT

REPORT NO. : WSC-19T-78

6.V.S.W.R TEST(After)

| WIESON NO. | Test Item | 2.5085 GHz | 5.3580 GHz |
|----------------|-----------|------------|------------|
| GY196HC112-018 | V.S.W.R | 1.48 | 1.50 |
| | | 1.50 | 1.48 |
| | | 1.51 | 1.52 |

| WIESON NO. | Test Item | 2.4361 GHz | 5.4666 GHz |
|----------------|-----------|------------|------------|
| GY196HC112-019 | V.S.W.R | 1.71 | 1.50 |
| | | 1.64 | 1.52 |
| | | 1.72 | 1.55 |

| WIESON NO. | Test Item | 2.4361 GHz | 5.3098 GHz |
|----------------|-----------|------------|------------|
| GY196HC112-020 | V.S.W.R | 1.62 | 1.31 |
| | | 1.62 | 1.28 |
| | | 1.65 | 1.30 |

| WIESON NO. | Test Item | 5.1977 GHz |
|----------------|-----------|------------|
| GY196HC112-021 | V.S.W.R | 1.25 |
| | | 1.28 |
| | | 1.29 |

6.1 Test Result:

| | |
|---------|------|
| Comment | PASS |
|---------|------|

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QUALIFICATION TEST REPORT

REPORT NO. : WSC-19T-78

Testing Equipment:

| Instrument | Model |
|--------------------------------------|-----------------------|
| Vision Measurement Inspection System | PAO-I / QC-2000 |
| Thermal Shock Tester | TERCHY / TS-72D |
| Humidity Chamber | KSON / THS-A7L+-150 |
| Salt Spray Tester | TIEH MU JEN / HT-8052 |

UNDER BLANK

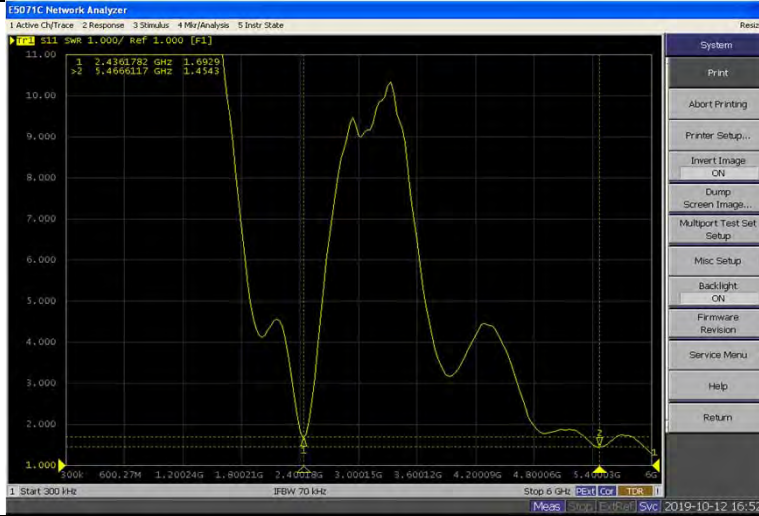
COMPONENT (Cpk) DATA SHEET

PART NO.:GY196HC112-019

PREPARED BY:

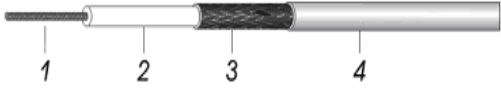
Date:

CHECKED BY:



VSWR

| Item | 2.4361 GHz | 5.4666 GHz | | | |
|------|------------|------------|--|--|--|
| 1 | 1.69 | 1.45 | | | |
| 2 | 1.65 | 1.42 | | | |
| 3 | 1.55 | 1.42 | | | |
| 4 | 1.69 | 1.40 | | | |
| 5 | 1.56 | 1.50 | | | |
| 6 | 1.59 | 1.51 | | | |
| 7 | 1.56 | 1.52 | | | |
| 8 | 1.55 | 1.50 | | | |
| 9 | 1.54 | 1.49 | | | |
| 10 | 1.55 | 1.48 | | | |
| 11 | 1.58 | 1.46 | | | |
| 12 | 1.56 | 1.51 | | | |
| 13 | 1.69 | 1.51 | | | |
| 14 | 1.52 | 1.50 | | | |
| 15 | 1.52 | 1.52 | | | |
| 16 | 1.53 | 1.51 | | | |
| 17 | 1.50 | 1.50 | | | |
| 18 | 1.55 | 1.48 | | | |
| 19 | 1.69 | 1.45 | | | |
| 20 | 1.69 | 1.48 | | | |
| 21 | 1.69 | 1.48 | | | |
| 22 | 1.50 | 1.48 | | | |
| 23 | 1.69 | 1.51 | | | |
| 24 | 1.50 | 1.51 | | | |
| 25 | 1.55 | 1.50 | | | |
| 26 | 1.55 | 1.50 | | | |
| 27 | 1.55 | 1.50 | | | |
| 28 | 1.56 | 1.42 | | | |
| 29 | 1.56 | 1.42 | | | |
| 30 | 1.65 | 1.51 | | | |
| 31 | 1.65 | 1.51 | | | |
| 32 | 1.65 | 1.51 | | | |
| Min. | 1.50 | 1.40 | | | |
| Max. | 1.69 | 1.52 | | | |
| Xbar | 1.59 | 1.48 | | | |
| S | 0.07 | 0.03 | | | |
| USL | 2.00 | 2.00 | | | |
| LSL | 1.00 | 1.00 | | | |
| Ca | 0.18 | 0.03 | | | |
| Cp | 2.48 | 4.83 | | | |
| CPU | 2.03 | 4.99 | | | |
| CPL | 2.92 | 4.67 | | | |
| Cpk | 2.03 | 4.67 | | | |

| 型号 Type | RF-1.37/50 | 料号 P/N | SY137/50-043(White) | |
|---|--|-------------------------|---------------------|------------------------------------|
| 结构图 Structure drawing |  | | | |
| 结构特性 Structure characteristics | | | | |
| 结构 Structure | 项目 Item | 标准值 Standard value | | |
| ①内导体 Inner conductor | 材料 Material | 镀锡铜线 Tinned copper wire | | |
| | 组成:总根数/单根外径(mm) Makeup:total / O.D. of every wire(mm) | 7/0.102 | | |
| | (绞合)标称外径(mm) (Intertwist)NOM.O.D.(mm) | 0.306±0.02 | | |
| ②绝缘层 Insulation | 材料 Material | 聚全氟乙丙烯 FEP | | |
| | 颜色 Color | 透明 Clarity | | |
| | 标称外径(mm) NOM.O.D.(mm) | 0.9±0.03 | | |
| ③外导体 Outer conductor | 材料 Material | 镀锡铜线 Tinned copper wire | | |
| | 组成:总根数/单根外径(mm) Makeup:total / O.D. of every wire(mm) | 5/0.05 | | |
| | 标称外径(mm) NOM.O.D.(mm) | 1.13±0.05 | | |
| | 覆盖率(%) Coverage ratio(%) | 90±5 | | |
| ④护套层 Jacket | 材料 Material | 聚全氟乙丙烯 FEP | | |
| | 颜色 Color | 白 White | | |
| | 标称外径(mm) NOM.O.D.(mm) | 1.37±0.05 | | |
| 电性能特性 Electrical characteristics | | | | |
| 项目 Item | 标准值 Standard value | 项目 Item | 频率 Frequency | 标准值 Standard value 单位 Unit:dB/m |
| 电容(pF/m) Capacitance(pF/m) | 96 | 衰减 Attenuation | 1GHz | ≤1.82 |
| 速率(%) Velocity(%) | 70 | | 2GHz | ≤2.67 |
| 阻抗(Ω) Impedance(Ω) | 50±2 | | 3GHz | ≤3.21 |
| 驻波比 Standing wave ratio | ≤1.3@0~6GHz | | 4GHz | ≤3.74 |
| 最大工作电压(V) Max.operating voltage(V) | 1000 | | 5GHz | ≤4.27 |
| 最大工作频率(GHz) Max.operating frequency(GHz) | 6 | | 6GHz | ≤4.80 |
| 可靠性 Dependability | | | | |
| 项目 Item | 单位 Unit | 标准值 Standard value | | |
| 最小弯曲半径(一次) Min.bending radius static | mm | 5 | | |
| 最小弯曲半径(重复) Min.bending radius repeated | mm | — | | |
| 工作温度范围 Operating temperature | ℃ | -55~+150 | | |
| 包装 Packing | | | | |
| 项目 Item | 单位 Unit | 标准值 Standard value | | |
| 包装方式 Packing mode | / | 纸盘 Papery plate | | |
| 每盘长度 The length of each plate | m | 500 | | |
| 每盘接头数 Each connector plate number | / | ≤3 | | |
| 每段最短长度 The shortest length of each root | m | ≥10 | | |
| 使用提示 Use tips | | | | |
| 存储环境 Storage environment | 温度: 30℃以下; 湿度: 20%~65% | | | |
| 最佳保存周期 The best save cycle | 2个月; 2个月以上作业性下降, 如上锡效果变差, 但电性能不受影响。夏季高温高湿环境开剥后需尽快流转 | | | |
| 加工温度 Processing temperature | 260℃的极限情况下, 可短时间承受; 300℃以上分子通常带有的等端基会分解; 400℃以上发生显著的热分解 | | | |
| 铁氟龙收缩 Teflon Shrink | 固有材料特性。绝缘: 0.2mm以下; 护套: 0.3mm以下 | | | |
| 护套窜动 Jacket traverse | 加工长度(护套残留长度)低于5cm易发生 | | | |
| 其他 Other | | | | |
| 特殊加工工艺, 请与供方协商后使用 | | | | |

环境可靠性测试/Environmental Performance

1.保持力(1.13MHF)

| | | | | | | |
|---|---|----------------------|----------|------------|----------|----------|
| 测试项目/ Test project | 保持力 | 测试编号/ Test No | | | | |
| 产品料号/ Part No: | GY196HC112系列 | 试验数量/ Number of test | 6PCS | | | |
| 产品规格/ specification | MHF TO PCB ANTENNA | | | | | |
| 测试条件: Testing Conditions | 1. 将待测物进行机械固定测试 2. 固定连接器与线材 3. 使用一定的力将连接器与线材与相关方向破坏性拉开 | | | | | |
| 测试结果/ Test result | <input checked="" type="checkbox"/> 合格/OK <input type="checkbox"/> 不合格/NG | | | | | |
| 测试数据/Test data | | | | | | |
| Test number | Sample-1 | Sample-2 | Sample-3 | Sample-4 | Sample-5 | Sample-6 |
| Test data | 1.29 | 1.28 | 1.31 | 1.32 | 1.31 | 1.32 |
| 备注说明/ Remark | | | | | | |
| MHF 端子与 1.13 线材拉力 1.0Kg MHF terminal and 1.13 C able pull 1.0Kg. | | | | | | |
| 测试/ Test | 胡洲 | 审核/Check | 徐宏奇 | 批准/Approve | 姚作芳 | |

保持力(1.37MHF)

| | | | | | | |
|--|---|----------|----------------------|------------|----------|----------|
| 测试项目/ Test project | 保持力 | | 测试编号/ Test No | | | |
| 产品料号/ Part No: | GY196HC112系列 | | 试验数量/ Number of test | | 6PCS | |
| 产品规格/ specification | MHF TO PBC ANTENNA | | | | | |
| 测试条件: Testing Conditions | 1. 将待测物进行机械固定测试 2. 固定连接器与线材 3. 使用一定的力将连接器与线材与相关方向破坏性拉开 | | | | | |
| 测试结果/ Test result | <input checked="" type="checkbox"/> 合格/OK <input type="checkbox"/> 不合格/NG | | | | | |
| 测试数据/Test data | | | | | | |
| Test number | Sample-1 | Sample-2 | Sample-3 | Sample-4 | Sample-5 | Sample-6 |
| Test data | 2.91 | 2.93 | 2.95 | 2.92 | 3.11 | 3.15 |
| 备注说明/ Remark | | | | | | |
| MHF 端子与 1.37 线材拉力 2.5Kg MHF terminal and 1.37 C able pull 2.50Kg. | | | | | | |
| 测试/ Test | 胡洲 | 审核/Check | 徐宏奇 | 批准/Approve | 姚作芳 | |

N° 2016/70254.3

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