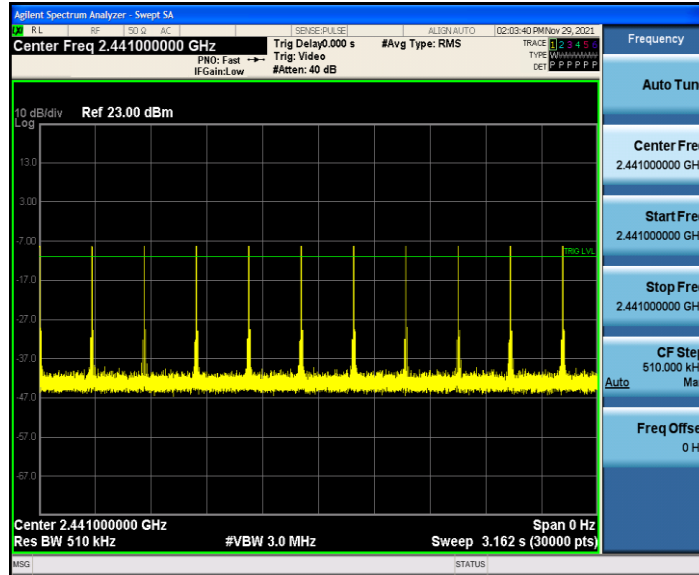


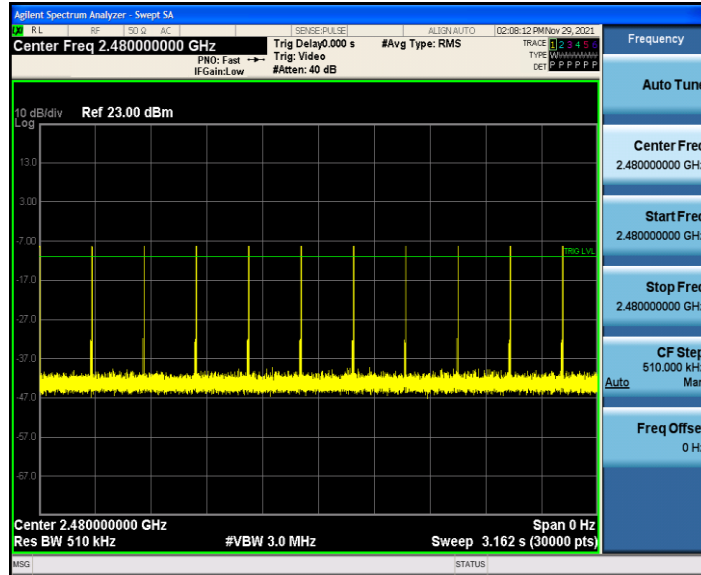


DH5\_Ant1\_Hop\_2480

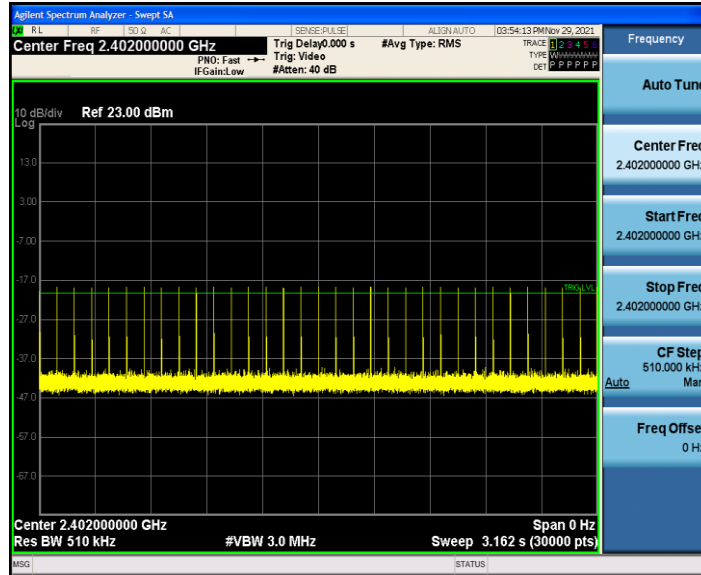
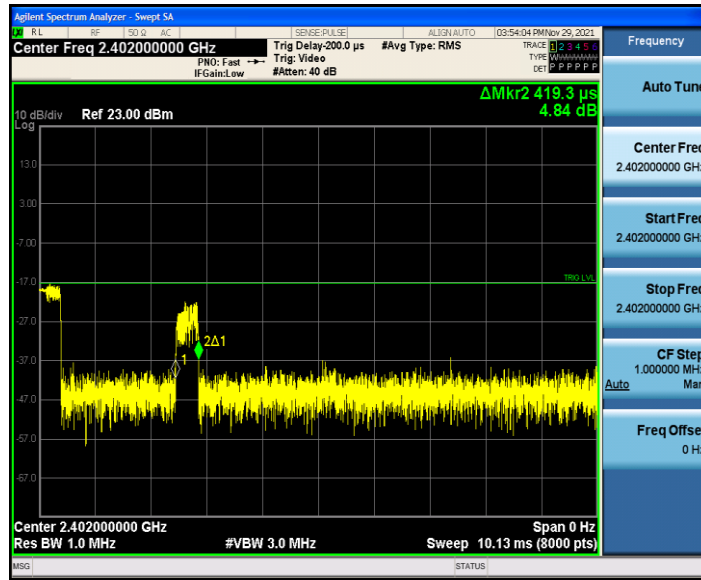


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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.

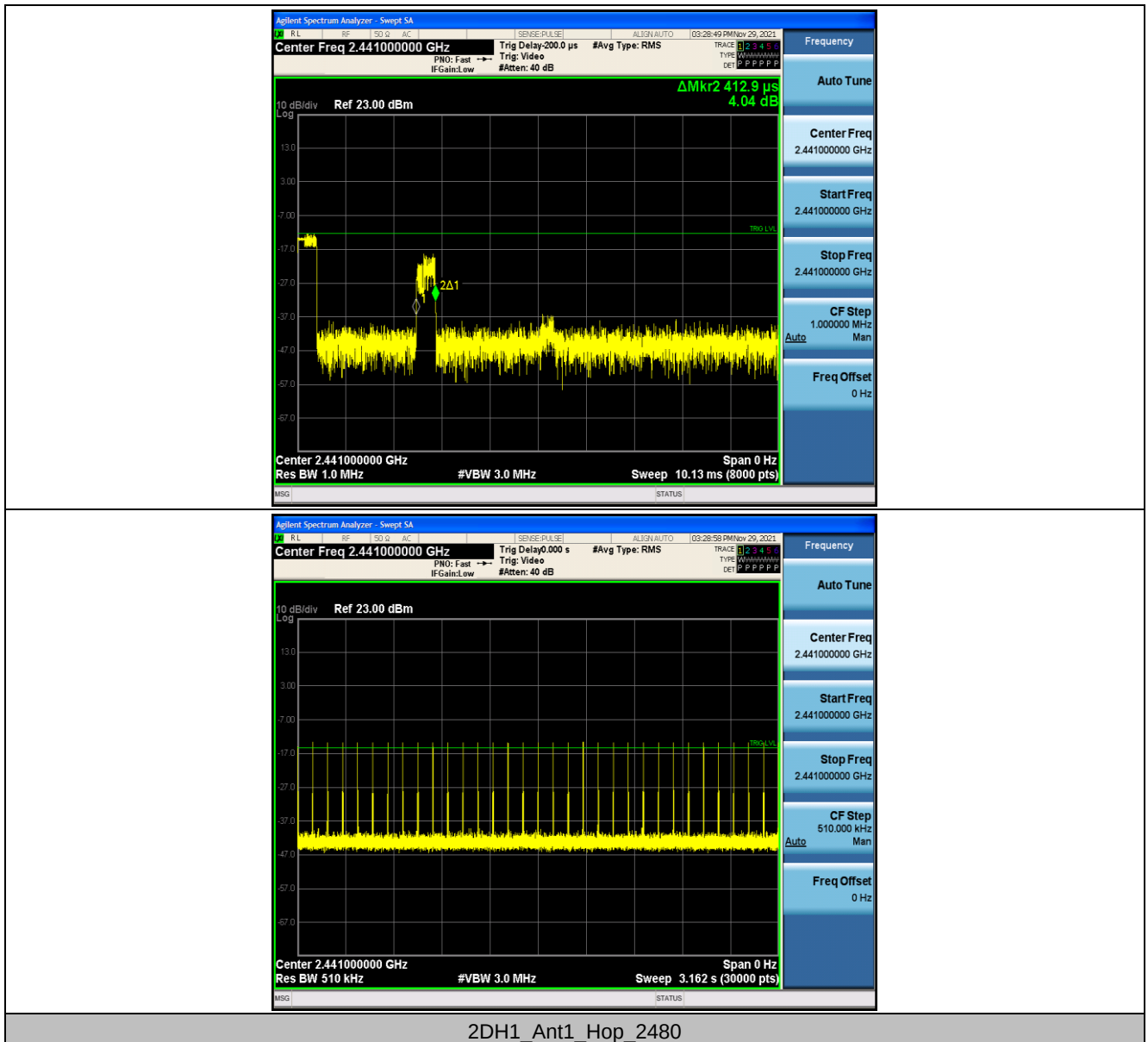
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)



2DH1\_Ant1\_Hop\_2402

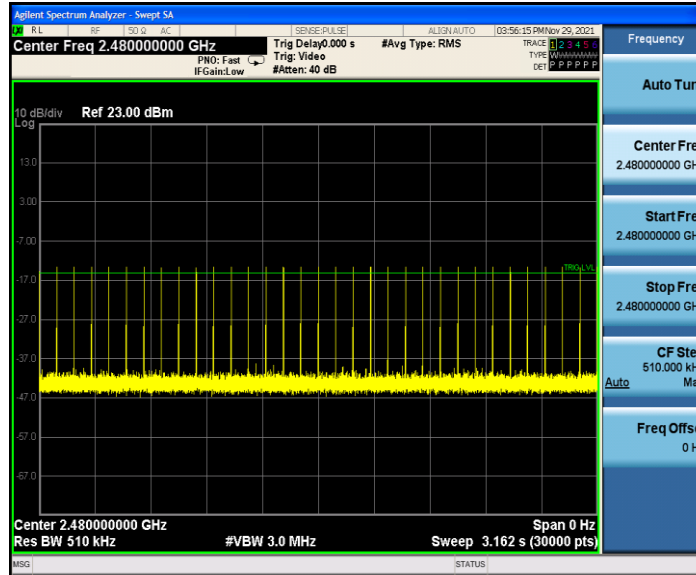
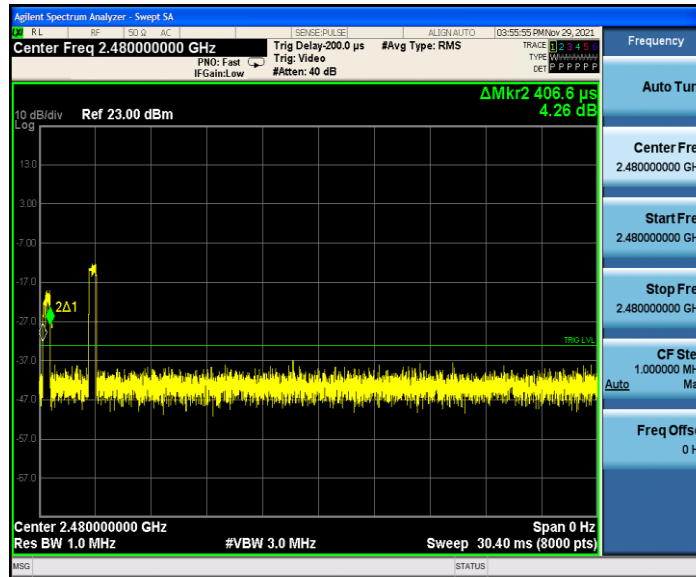


2DH1\_Ant1\_Hop\_2441

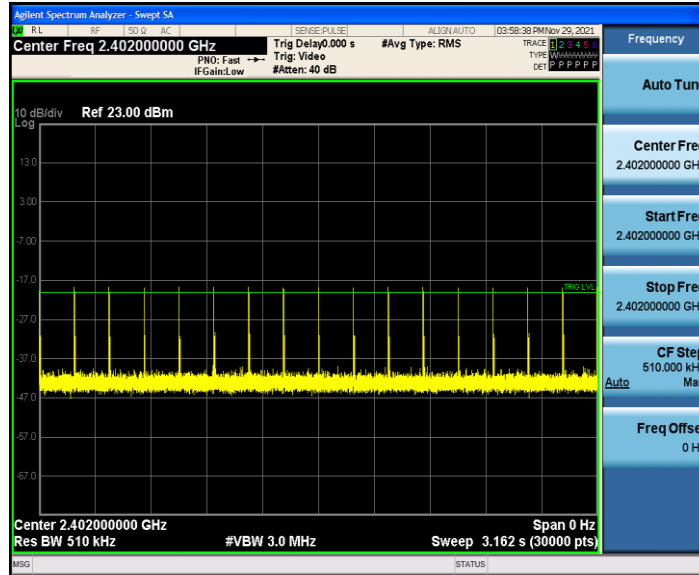


2DH1\_Ant1\_Hop\_2480





2DH3\_Ant1\_Hop\_2402

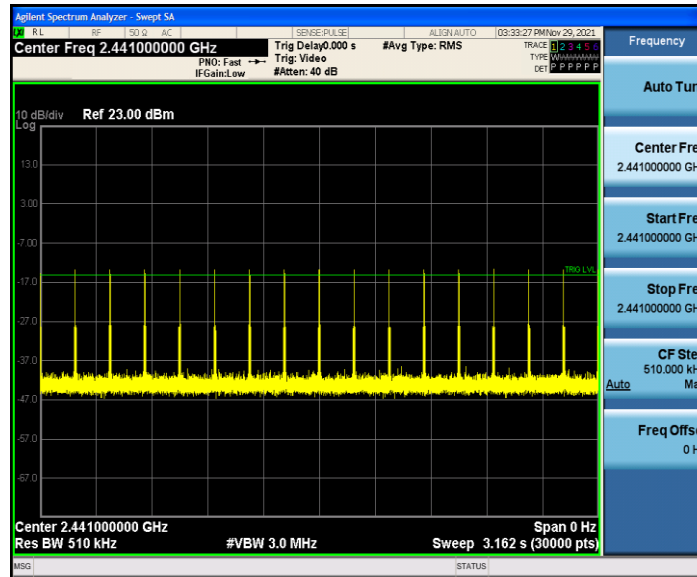
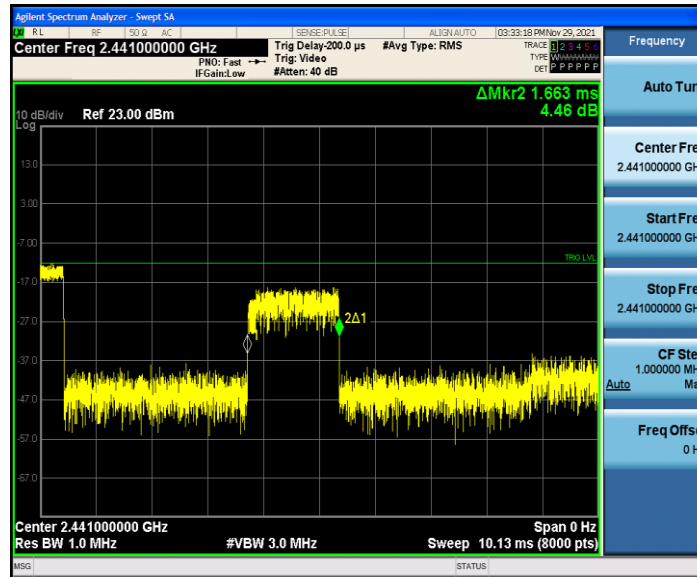


2DH3\_Ant1\_Hop\_2441

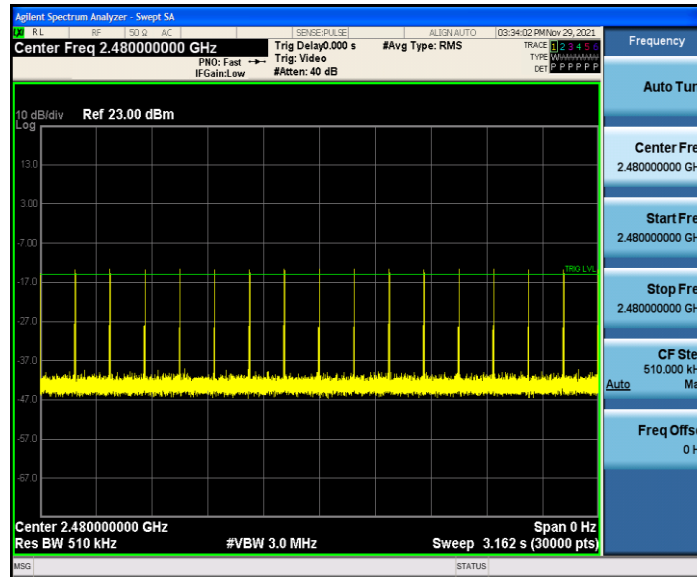
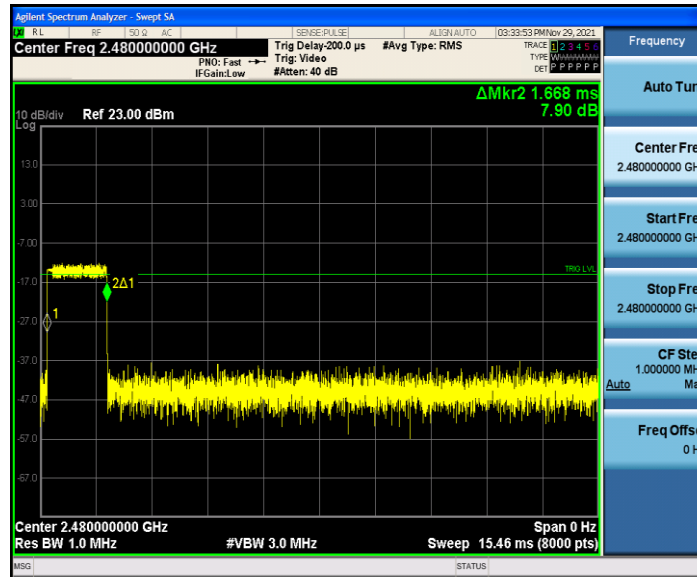


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

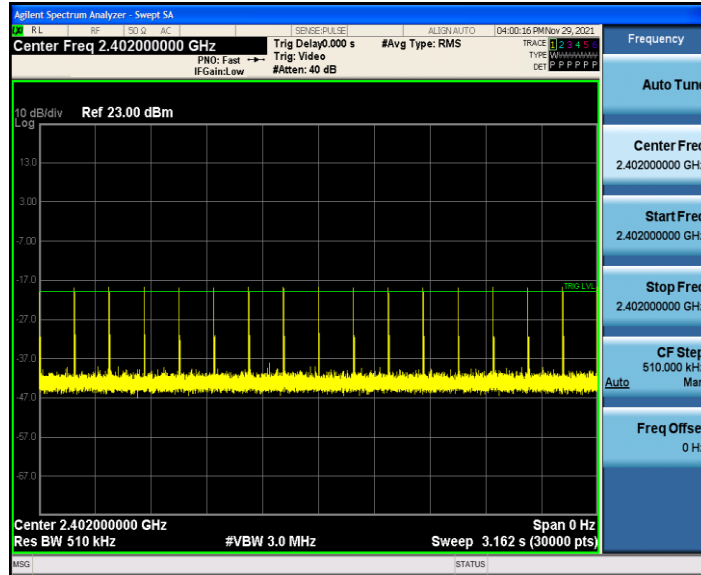


2DH3\_Ant1\_Hop\_2480

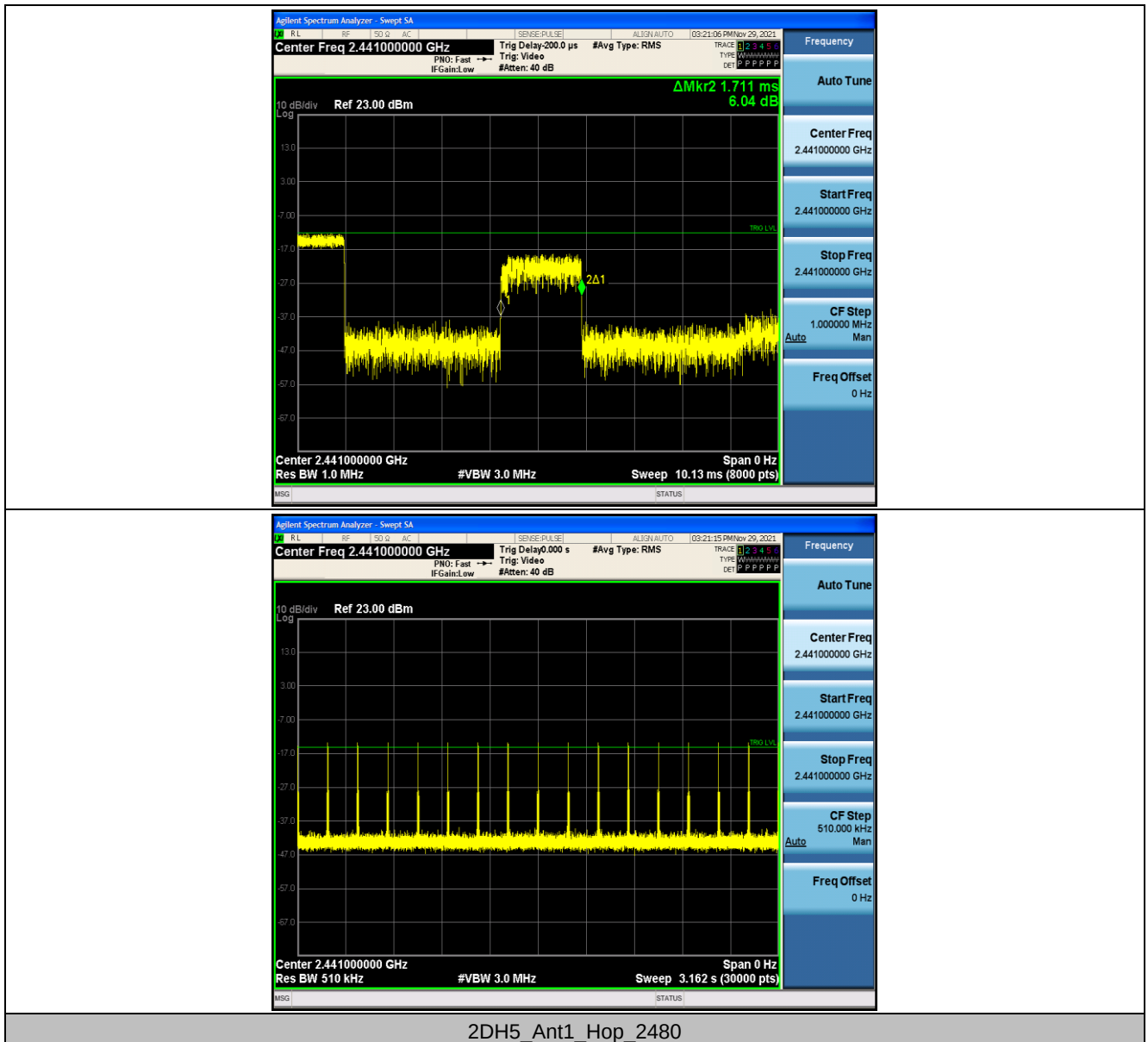


2DH5\_Ant1\_Hop\_2402

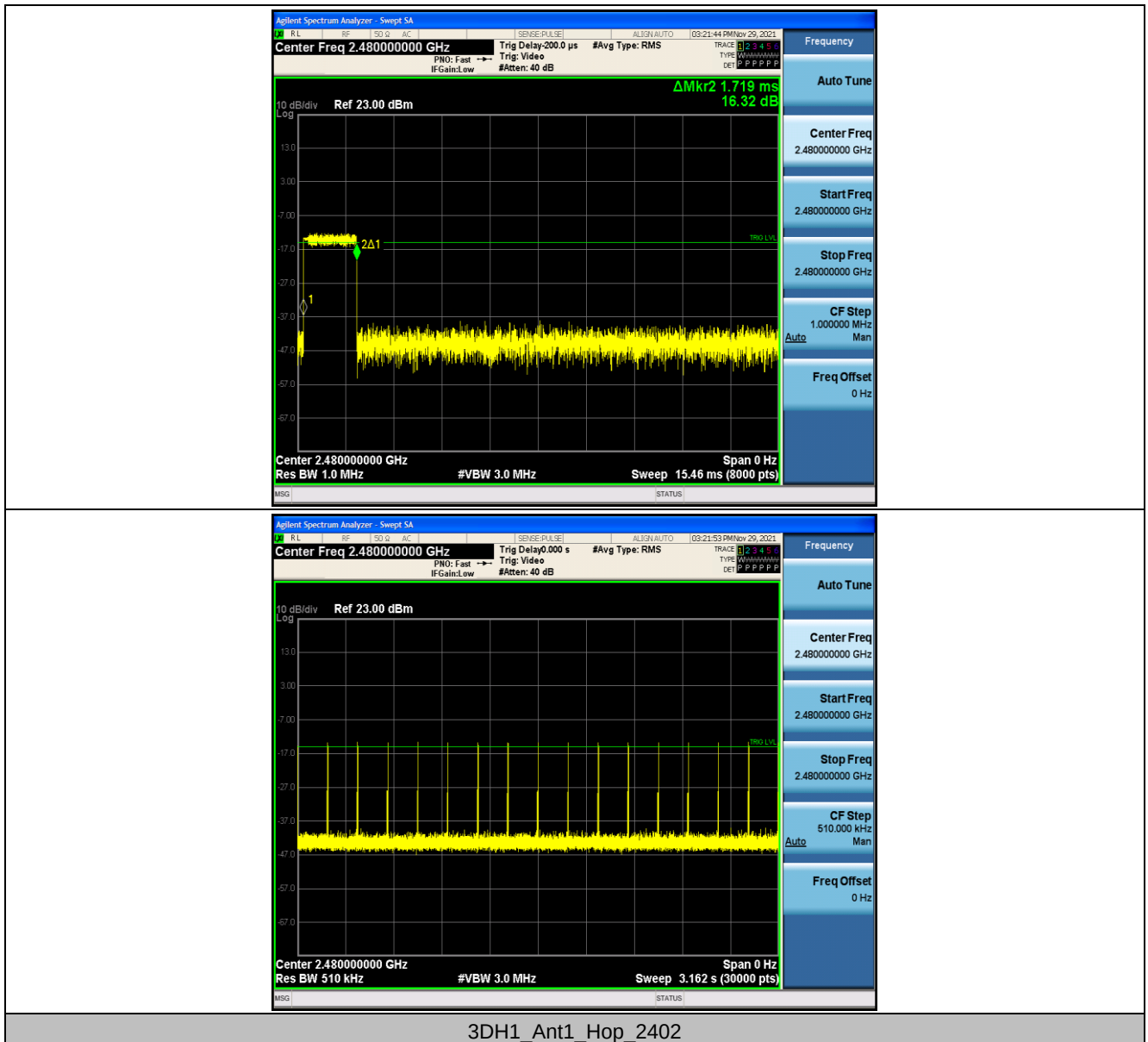


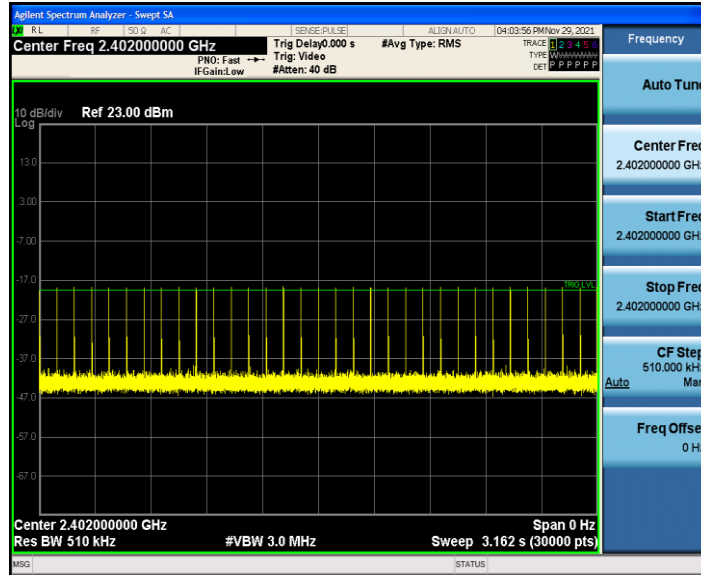
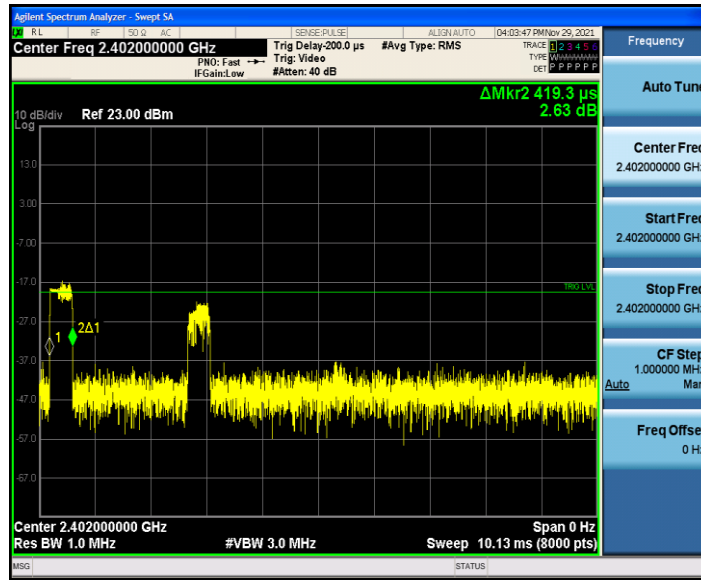


2DH5\_Ant1\_Hop\_2441



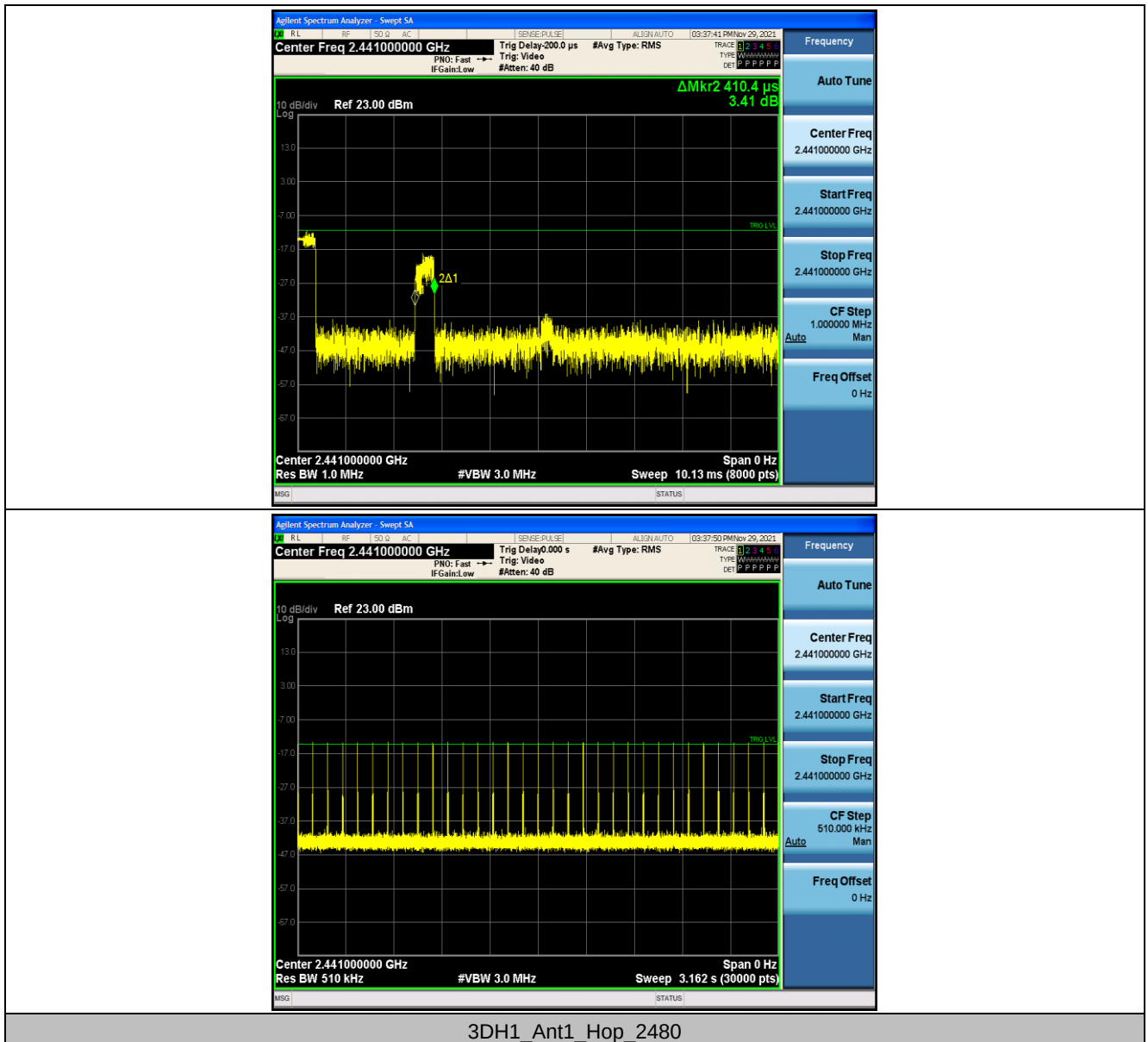
2DH5\_Ant1\_Hop\_2480

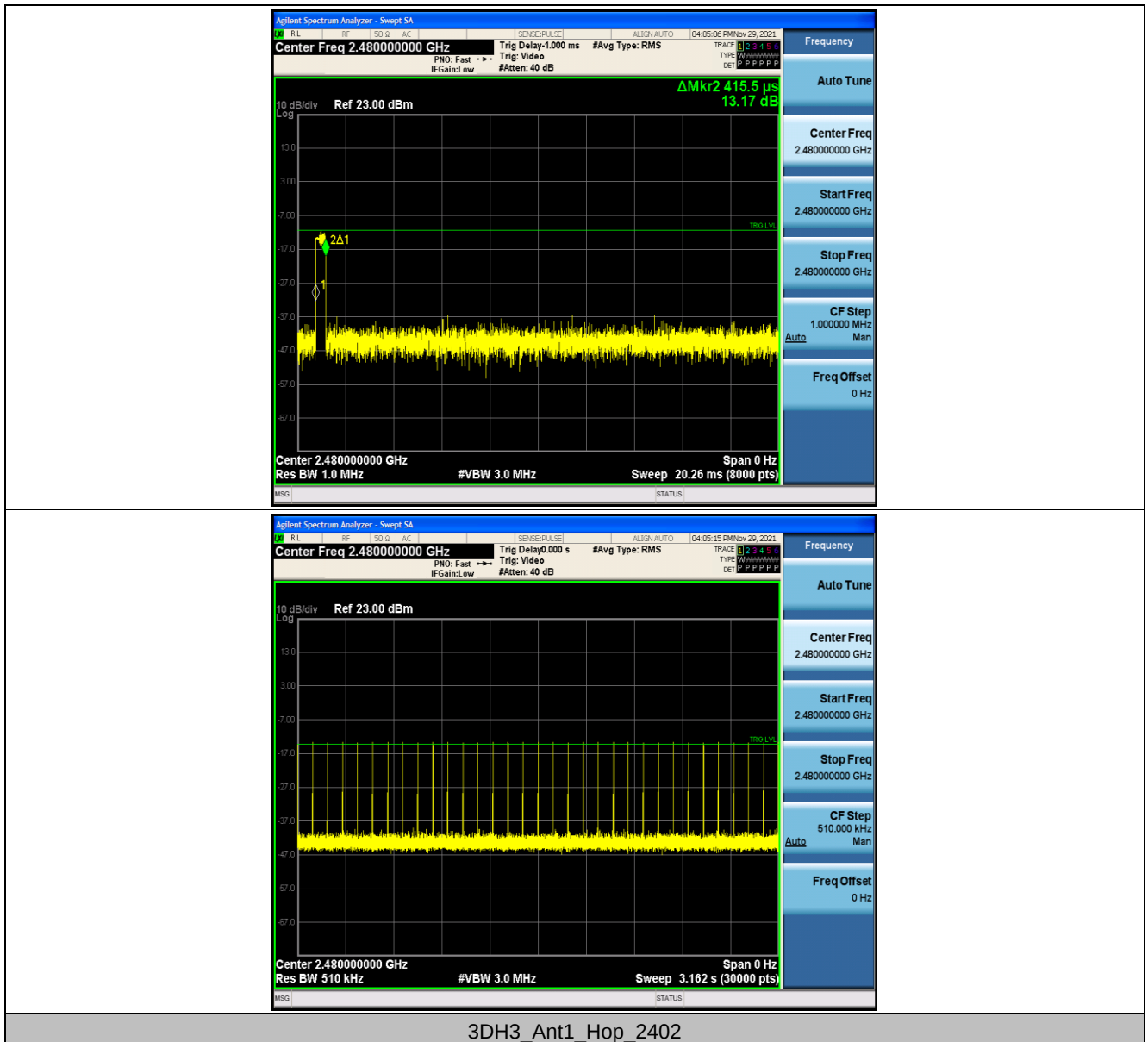


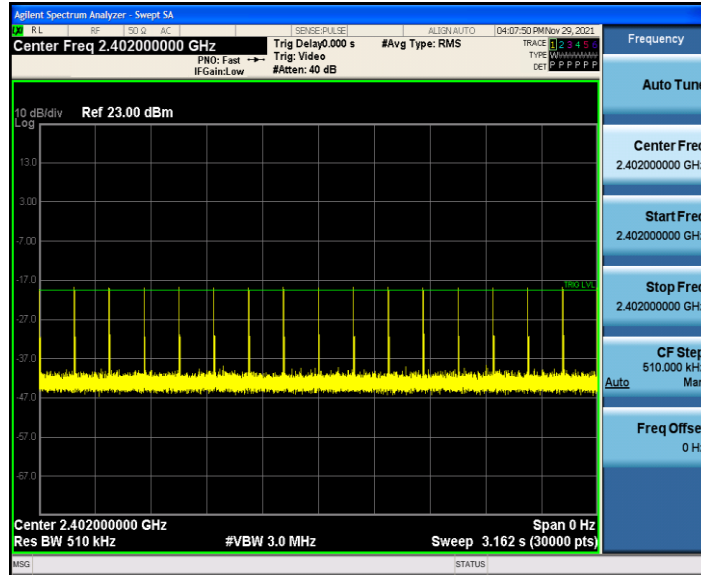


3DH1\_Ant1\_Hop\_2441







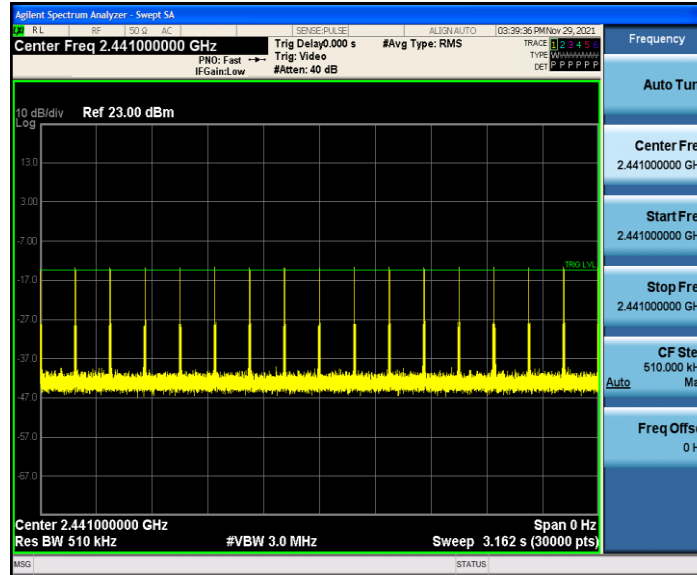
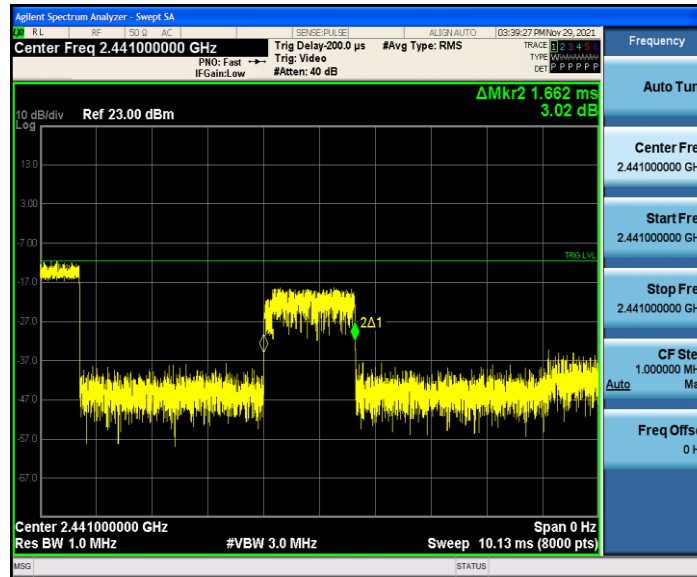


3DH3\_Ant1\_Hop\_2441



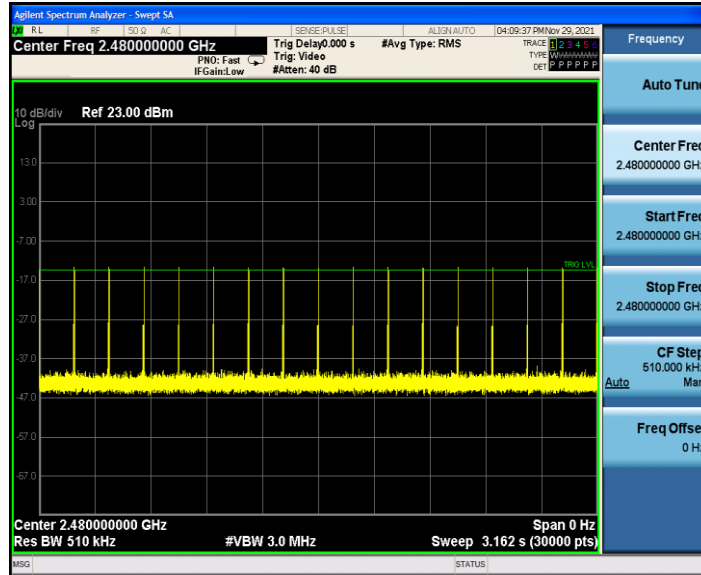
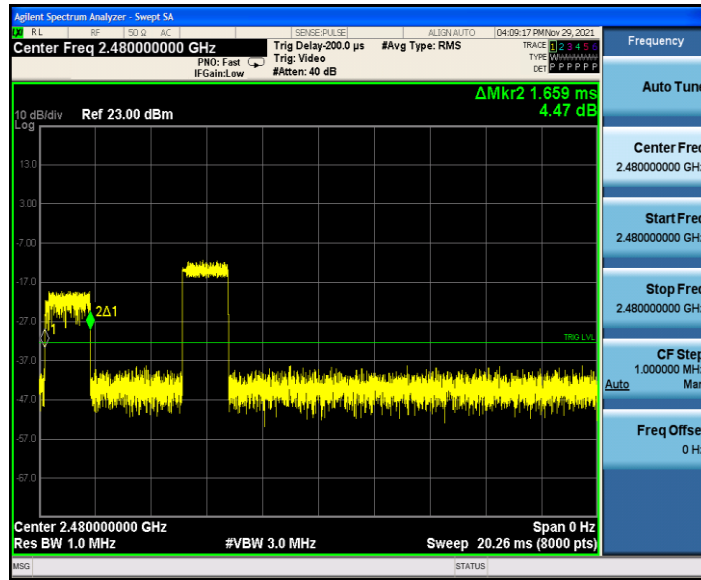
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

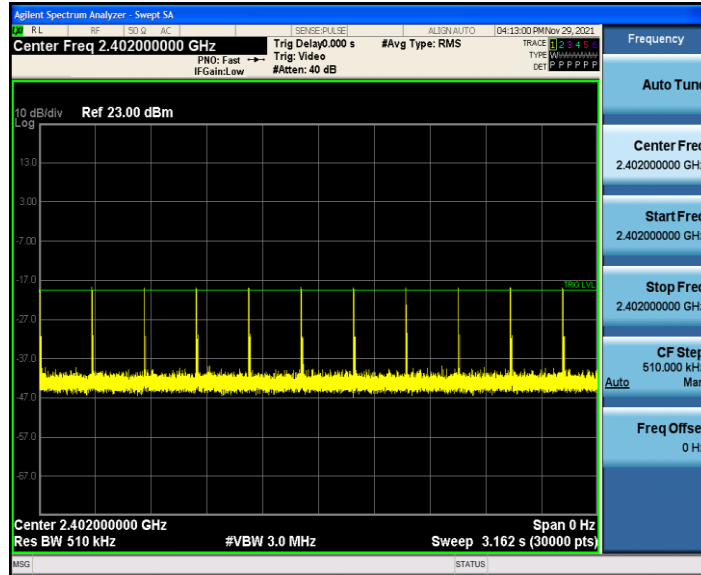


3DH3\_Ant1\_Hop\_2480





3DH5\_Ant1\_Hop\_2402

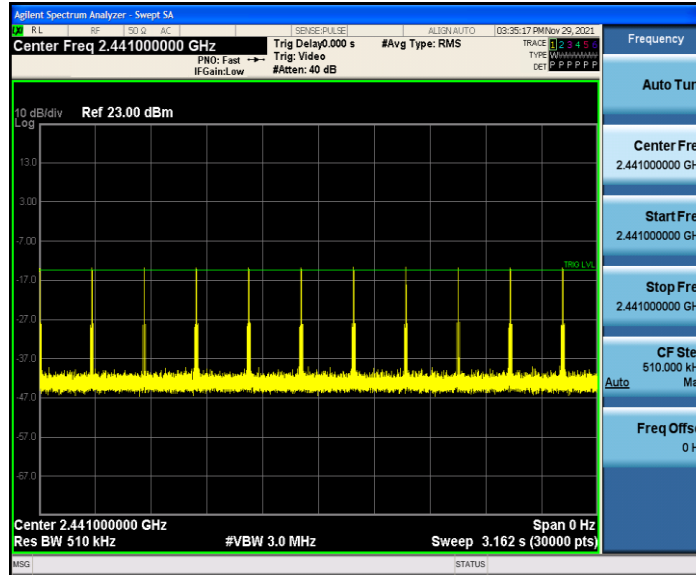


3DH5\_Ant1\_Hop\_2441

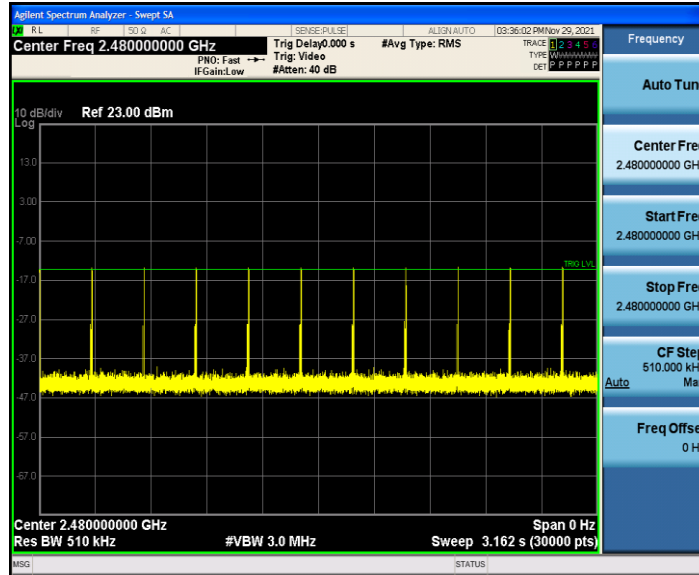
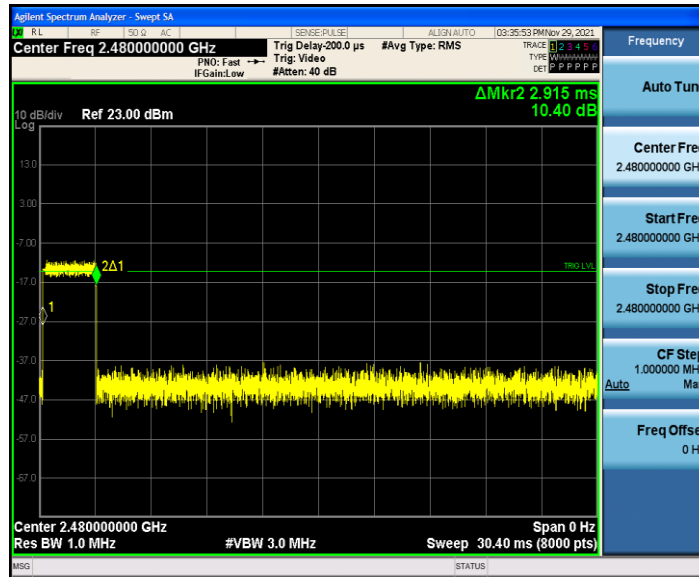


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)



3DH5\_Ant1\_Hop\_2480





**10.5 Appendix E: Number of hopping channels****10.5.1 Test Result**

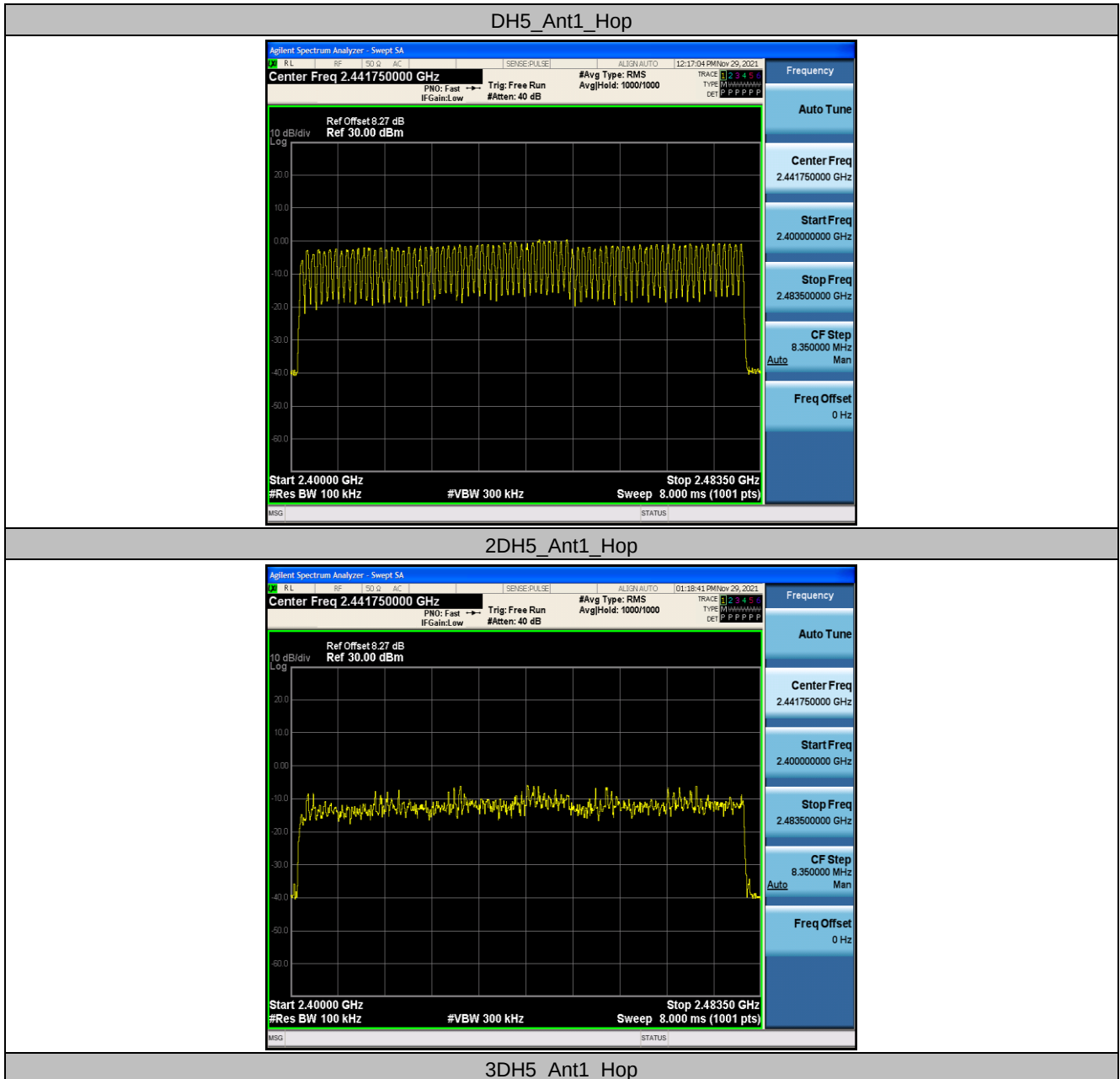
| TestMode | Antenna | Channel | Result[Num] | Limit[Num] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| DH5      | Ant1    | Hop     | 79          | >=15       | PASS    |
| 2DH5     | Ant1    | Hop     | 79          | >=15       | PASS    |
| 3DH5     | Ant1    | Hop     | 79          | >=15       | PASS    |

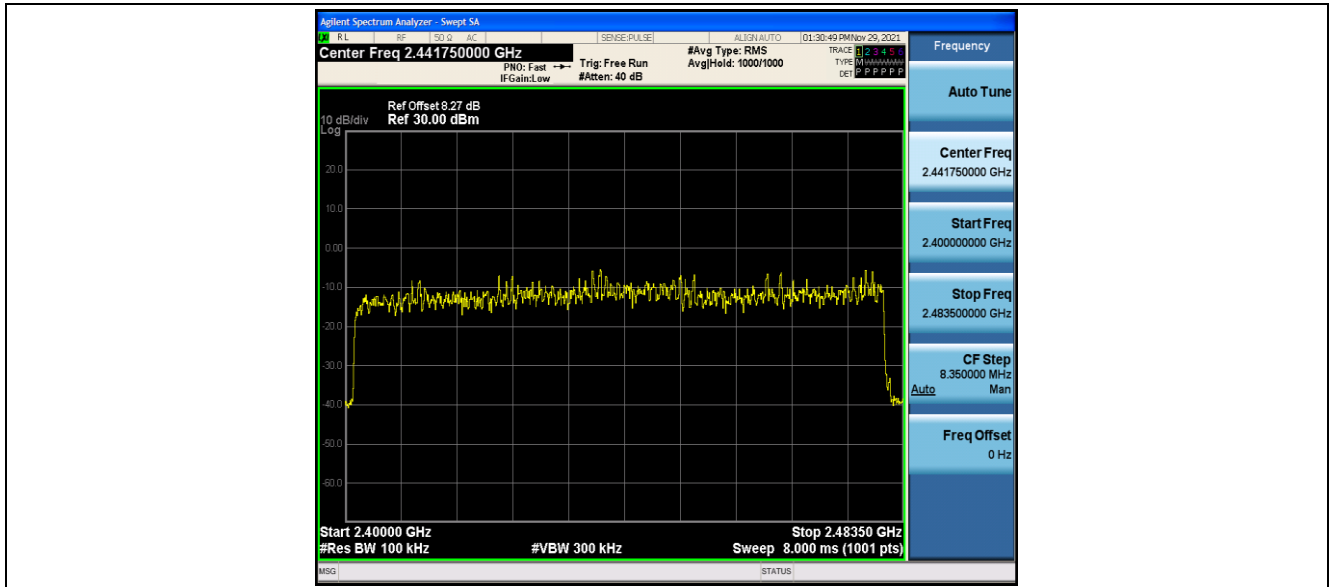


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

### 10.5.2 Test Graphs





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.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

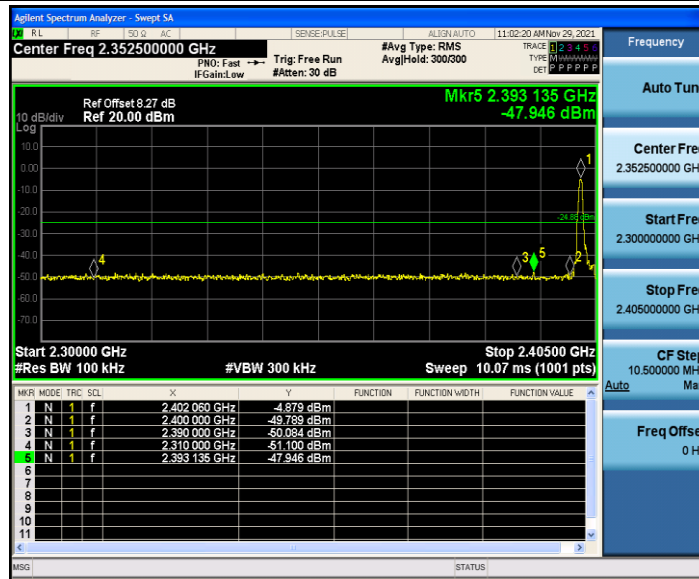
**10.6 Appendix F: Band edge measurements****10.6.1 Test Result**

| TestMode | Antenna | ChName | Channel  | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|----------|---------|--------|----------|-------------------|-----------------|----------------|---------|
| DH5      | Ant1    | Low    | 2402     | -4.88             | -47.95          | <=-24.88       | PASS    |
|          |         | High   | 2480     | 0.05              | -44.16          | <=-19.95       | PASS    |
|          |         | Low    | Hop_2402 | -3.11             | -47.25          | <=-23.11       | PASS    |
|          |         | High   | Hop_2480 | -0.25             | -45.25          | <=-20.25       | PASS    |
| 2DH5     | Ant1    | Low    | 2402     | -10.48            | -47.08          | <=-30.48       | PASS    |
|          |         | High   | 2480     | -5.41             | -47.28          | <=-25.41       | PASS    |
|          |         | Low    | Hop_2402 | -8.63             | -47.09          | <=-28.63       | PASS    |
|          |         | High   | Hop_2480 | -7.90             | -46.93          | <=-27.9        | PASS    |
| 3DH5     | Ant1    | Low    | 2402     | -10.45            | -47.83          | <=-30.45       | PASS    |
|          |         | High   | 2480     | -5.23             | -47.34          | <=-25.23       | PASS    |
|          |         | Low    | Hop_2402 | -8.21             | -47.88          | <=-28.21       | PASS    |
|          |         | High   | Hop_2480 | -9.12             | -47.41          | <=-29.12       | PASS    |

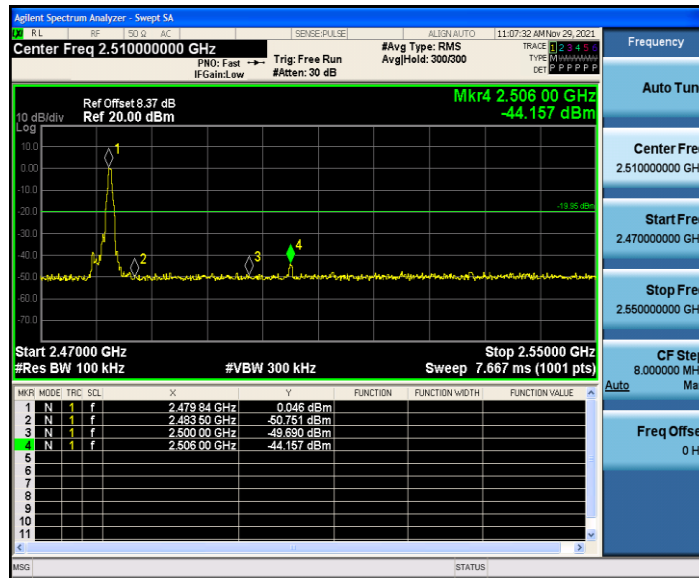


### 10.6.2 Test Graphs

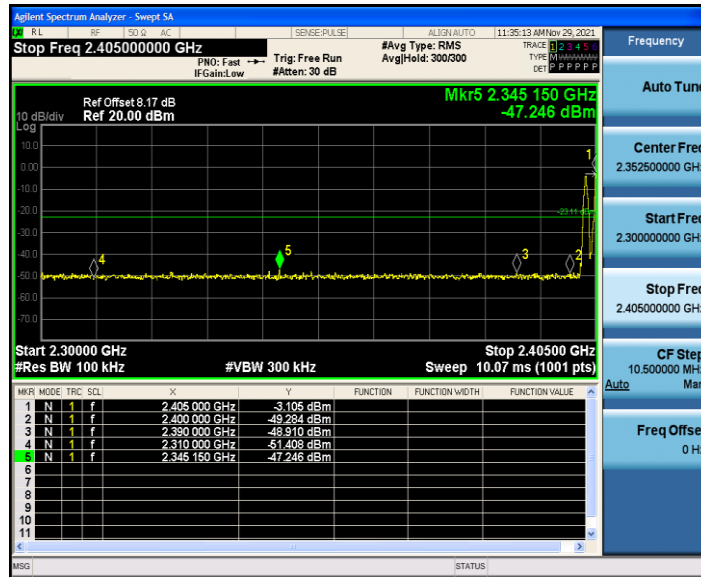
DH5\_Ant1\_Low\_2402



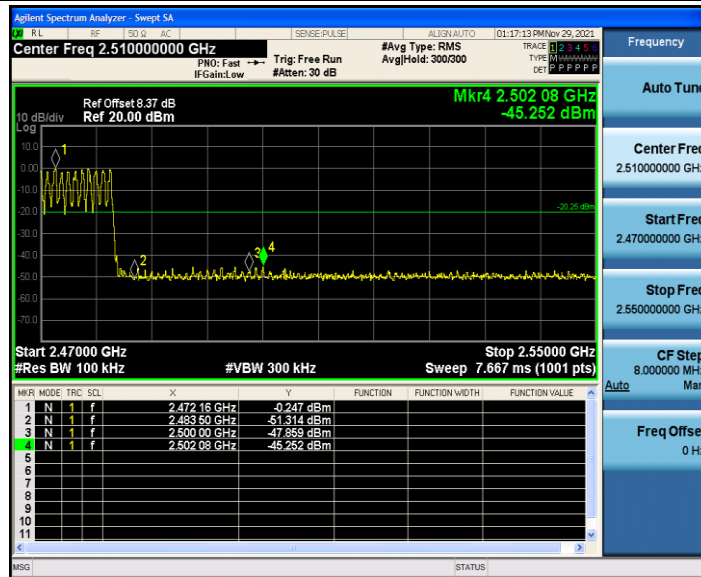
DH5\_Ant1\_High\_2480



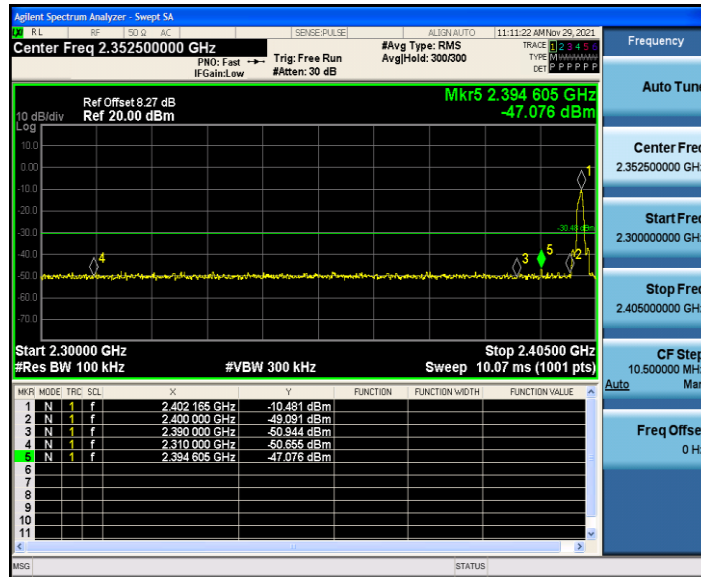
DH5\_Ant1\_Low\_Hop\_2402



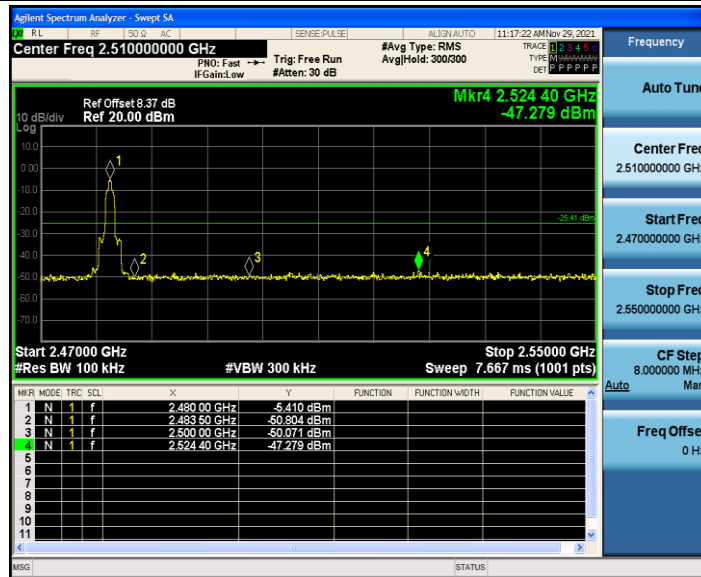
DH5\_Ant1\_High\_Hop\_2480



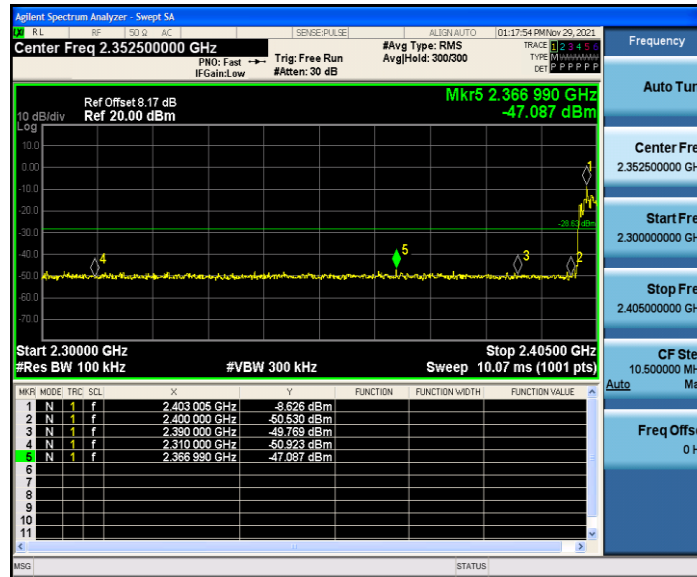
2DH5\_Ant1\_Low\_2402



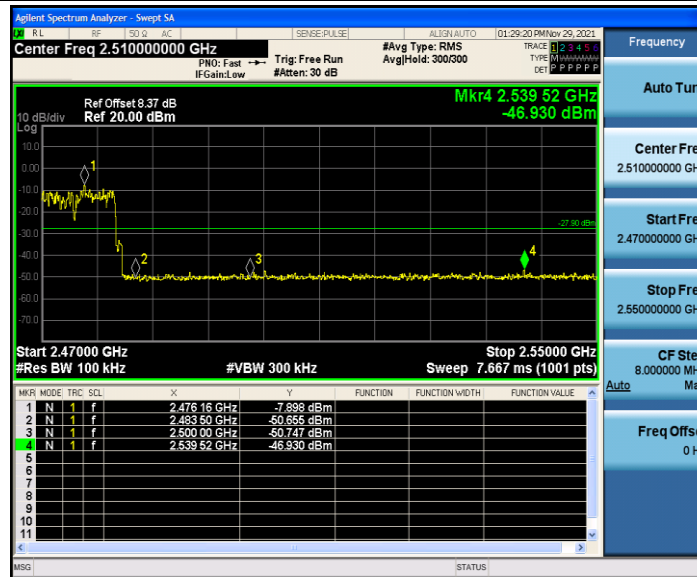
2DH5\_Ant1\_High\_2480



2DH5\_Ant1\_Low\_Hop\_2402

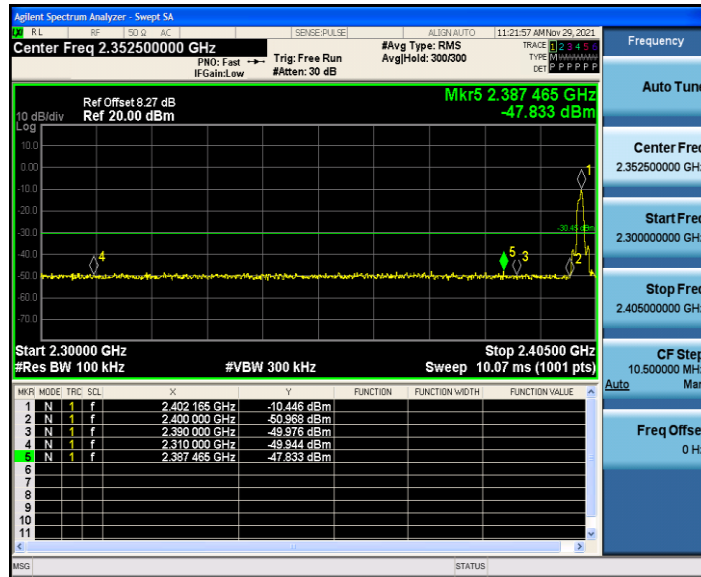


2DH5\_Ant1\_High\_Hop\_2480

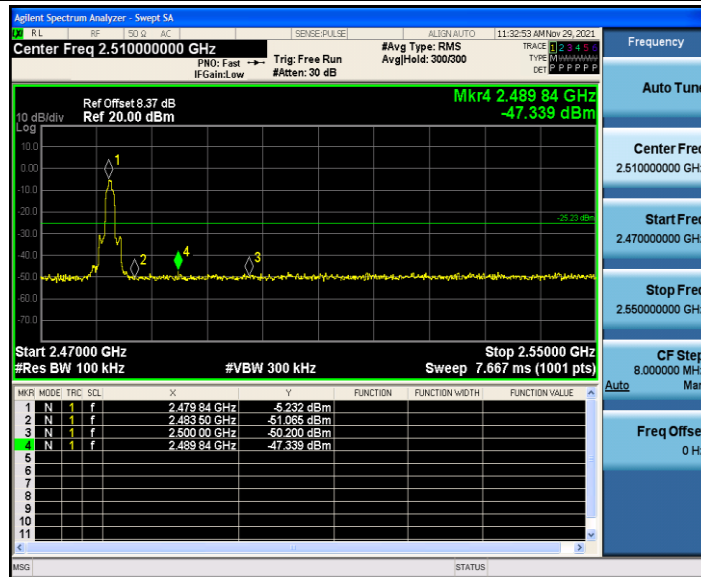


3DH5\_Ant1\_Low\_2402

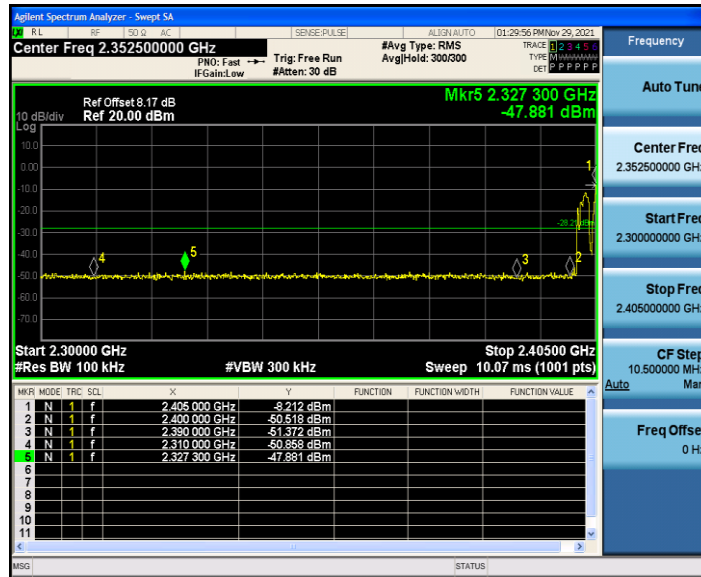




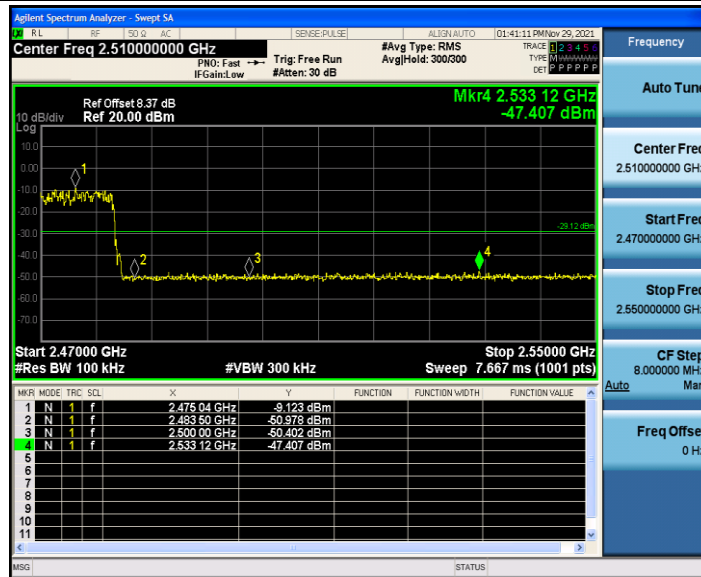
3DH5\_Ant1\_High\_2480



3DH5\_Ant1\_Low\_Hop\_2402



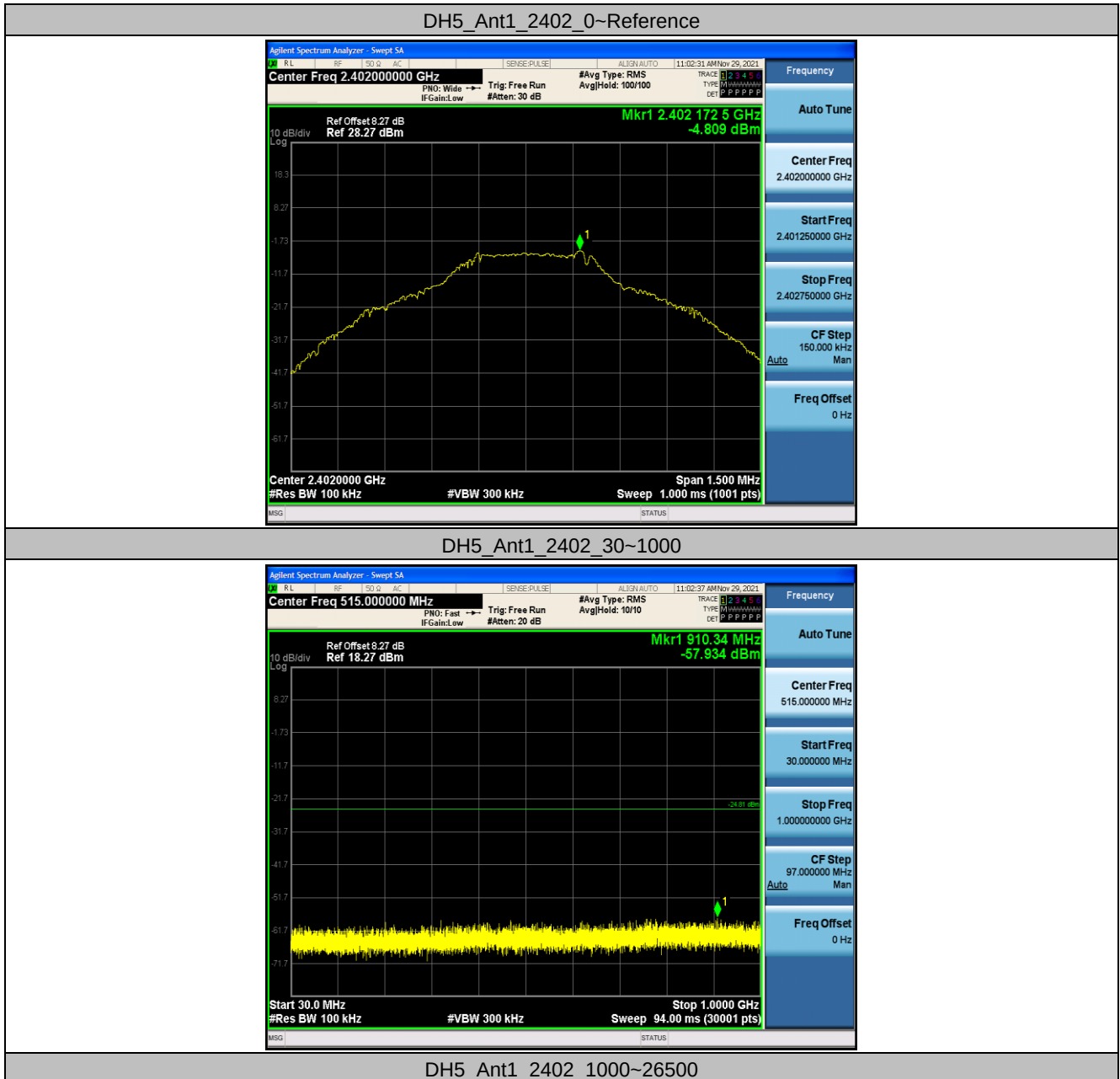
3DH5\_Ant1\_High\_Hop\_2480



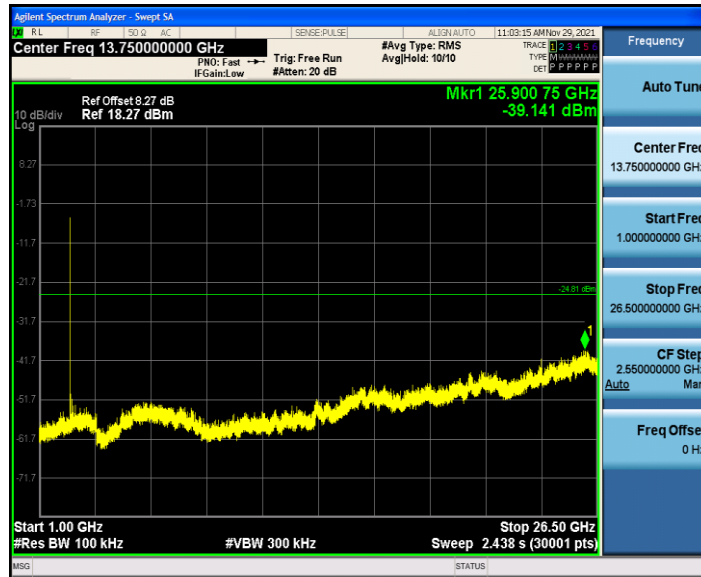
**10.7 Appendix G: Conducted Spurious Emission****10.7.1 Test Result**

| TestMode | Antenna | Channel | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| DH5      | Ant1    | 2402    | Reference          | -4.81             | -4.81           | ---            | PASS    |
|          |         |         | 30~1000            | 30~1000           | -57.934         | <=-24.809      | PASS    |
|          |         |         | 1000~26500         | 1000~26500        | -39.141         | <=-24.809      | PASS    |
|          |         | 2441    | Reference          | -0.05             | -0.05           | ---            | PASS    |
|          |         |         | 30~1000            | 30~1000           | -57.824         | <=-20.047      | PASS    |
|          |         |         | 1000~26500         | 1000~26500        | -38.264         | <=-20.047      | PASS    |
|          |         | 2480    | Reference          | 0.10              | 0.10            | ---            | PASS    |
|          |         |         | 30~1000            | 30~1000           | -56.879         | <=-19.905      | PASS    |
|          |         |         | 1000~26500         | 1000~26500        | -39.321         | <=-19.905      | PASS    |
| 2DH5     | Ant1    | 2402    | Reference          | -11.33            | -11.33          | ---            | PASS    |
|          |         |         | 30~1000            | 30~1000           | -57.213         | <=-31.329      | PASS    |
|          |         |         | 1000~26500         | 1000~26500        | -39.367         | <=-31.329      | PASS    |
|          |         | 2441    | Reference          | -5.39             | -5.39           | ---            | PASS    |
|          |         |         | 30~1000            | 30~1000           | -56.711         | <=-25.389      | PASS    |
|          |         |         | 1000~26500         | 1000~26500        | -38.763         | <=-25.389      | PASS    |
|          |         | 2480    | Reference          | -6.02             | -6.02           | ---            | PASS    |
|          |         |         | 30~1000            | 30~1000           | -57.667         | <=-26.02       | PASS    |
|          |         |         | 1000~26500         | 1000~26500        | -39.127         | <=-26.02       | PASS    |
| 3DH5     | Ant1    | 2402    | Reference          | -10.74            | -10.74          | ---            | PASS    |
|          |         |         | 30~1000            | 30~1000           | -57.412         | <=-30.739      | PASS    |
|          |         |         | 1000~26500         | 1000~26500        | -38.492         | <=-30.739      | PASS    |
|          |         | 2441    | Reference          | -5.26             | -5.26           | ---            | PASS    |
|          |         |         | 30~1000            | 30~1000           | -57.482         | <=-25.258      | PASS    |
|          |         |         | 1000~26500         | 1000~26500        | -39.599         | <=-25.258      | PASS    |
|          |         | 2480    | Reference          | -5.62             | -5.62           | ---            | PASS    |
|          |         |         | 30~1000            | 30~1000           | -57.806         | <=-25.622      | PASS    |
|          |         |         | 1000~26500         | 1000~26500        | -38.762         | <=-25.622      | PASS    |

### 10.7.2 Test Graphs







DH5\_Ant1\_2441\_0~Reference



DH5\_Ant1\_2441\_30~1000



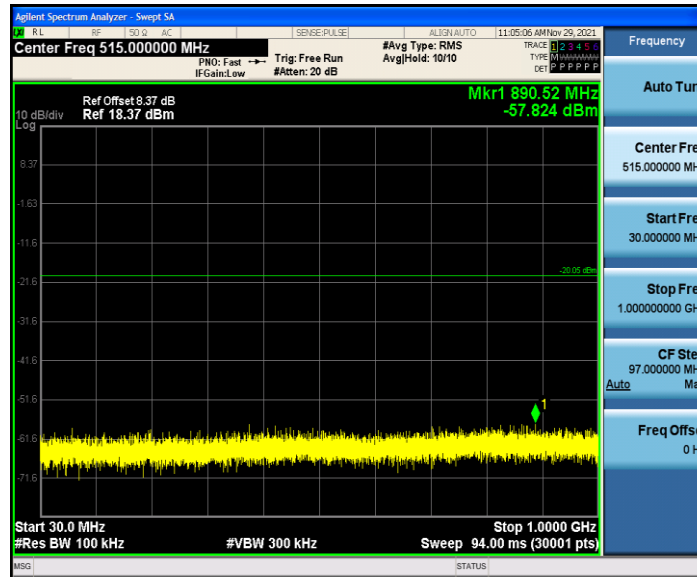
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch Testing Center EEC Laboratory

No.198 Kezhu Road, Sciencetech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075058 www.sgs.com.cn

中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075058 sgs.china@sgs.com



DH5\_Ant1\_2441\_1000~26500



DH5\_Ant1\_2480\_0~Reference

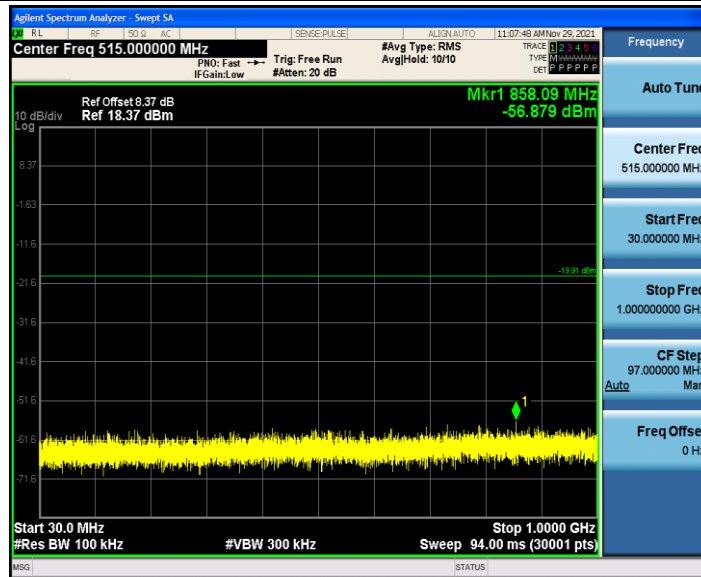


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)



DH5\_Ant1\_2480\_30~1000



DH5\_Ant1\_2480\_1000~26500

