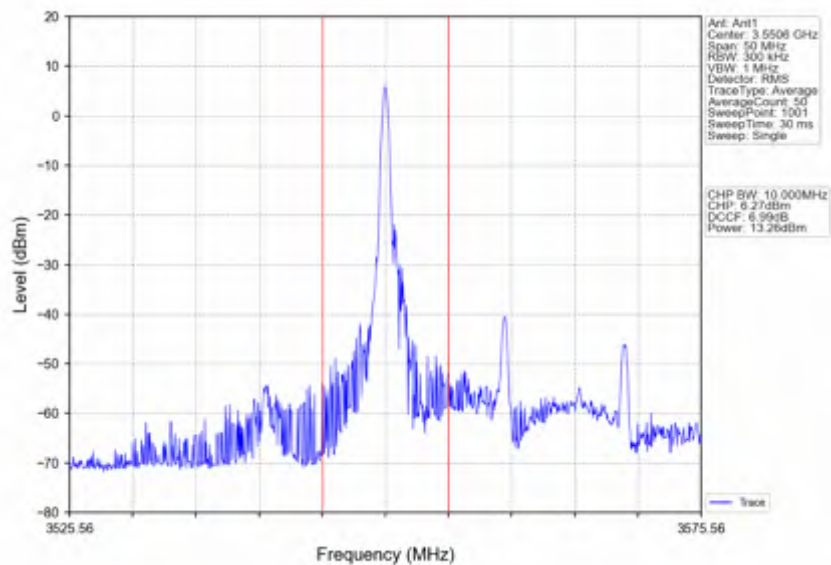
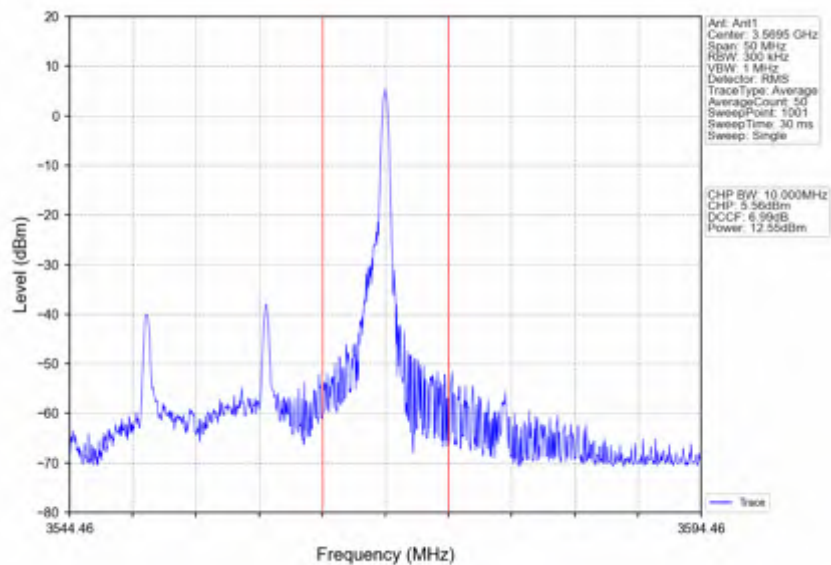


n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3560.01MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3560.01MHz_Edge_1RB_Right



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

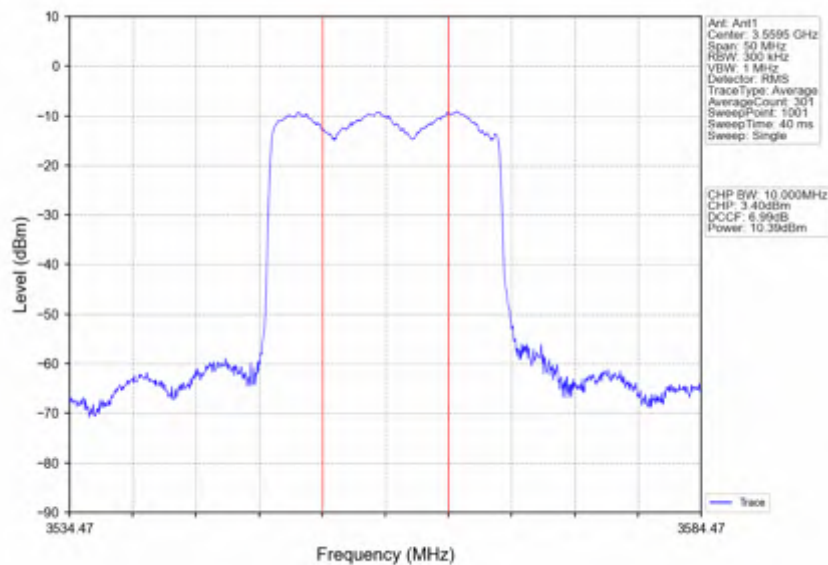
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

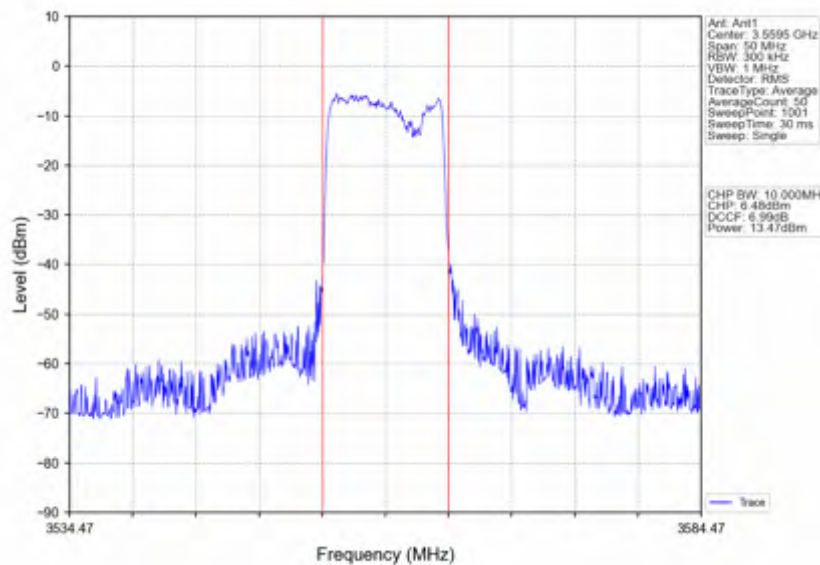
0512-57350888 0512-57370910 www.sgs.com.cn

0512-51257350888 0512-51257370910 sgs.china@sgs.com

n78d 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3560.01MHz Outer Full



n78d	15kHz	SISO	NTNV	20MHz	DFT-s-OFDM	QPSK	3560.01MHz	Inner	Full
------	-------	------	------	-------	------------	------	------------	-------	------

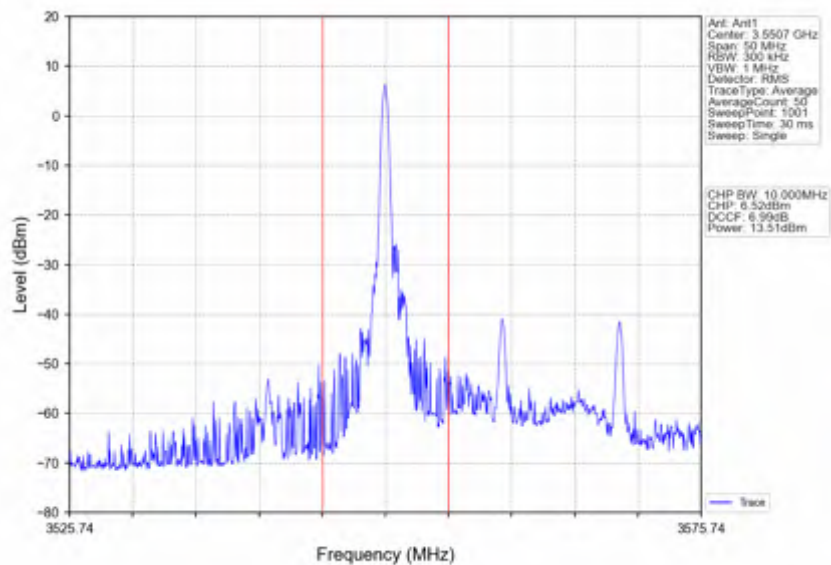


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/Products/ETSI%20Products%20and%20Conditions> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's findings are contained in the document and are not to be used in evidence, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the fast report or testing contact the following ETSI contact at any time: ETSI-FAST@etsi.fr or ETSI-FAST@etsi.org.

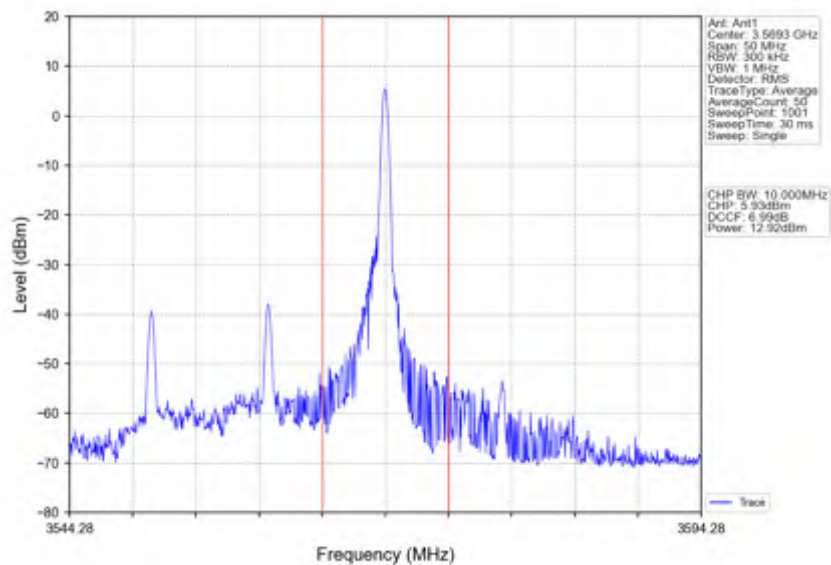
No. 10, Waiye Road, Innovation Park, Keshan, Jiangsu, China 215300
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3560.01MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3560.01MHz_Inner_1RB_Right

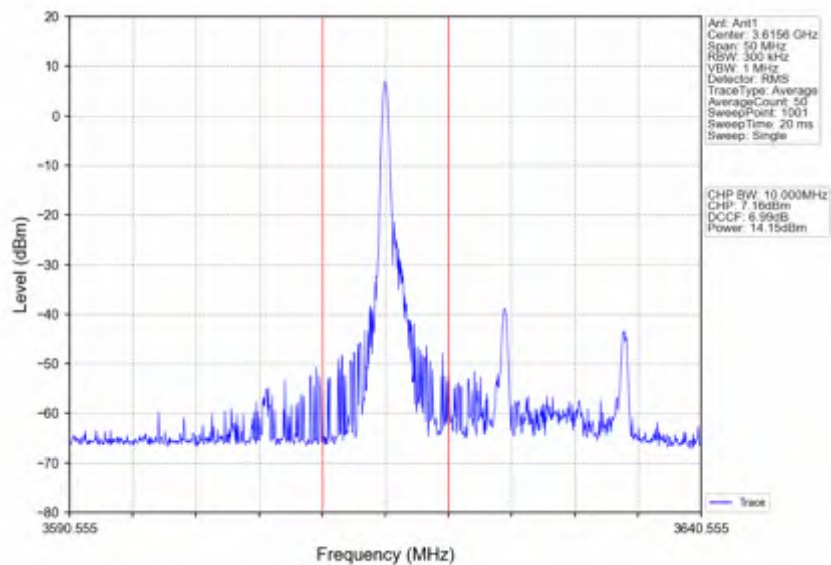


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 samples shown in this fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

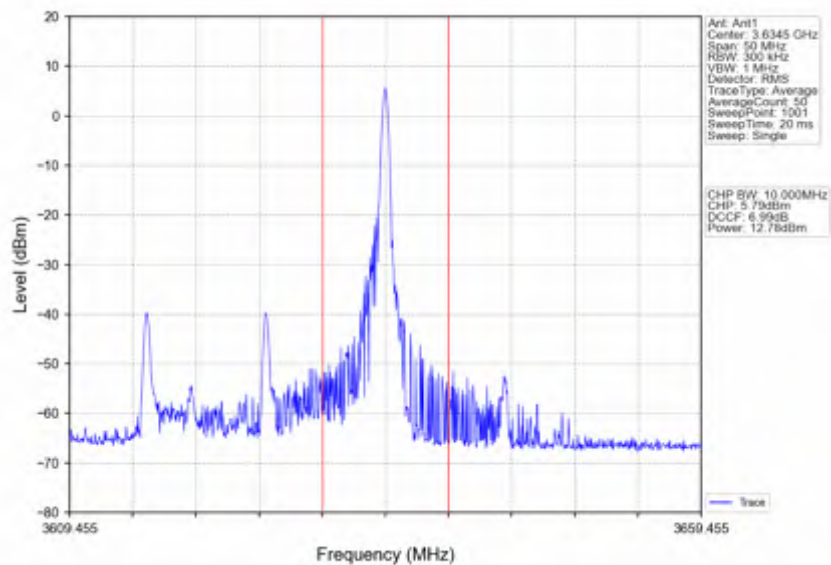
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3625.005MHz_Edge_1RB_Right



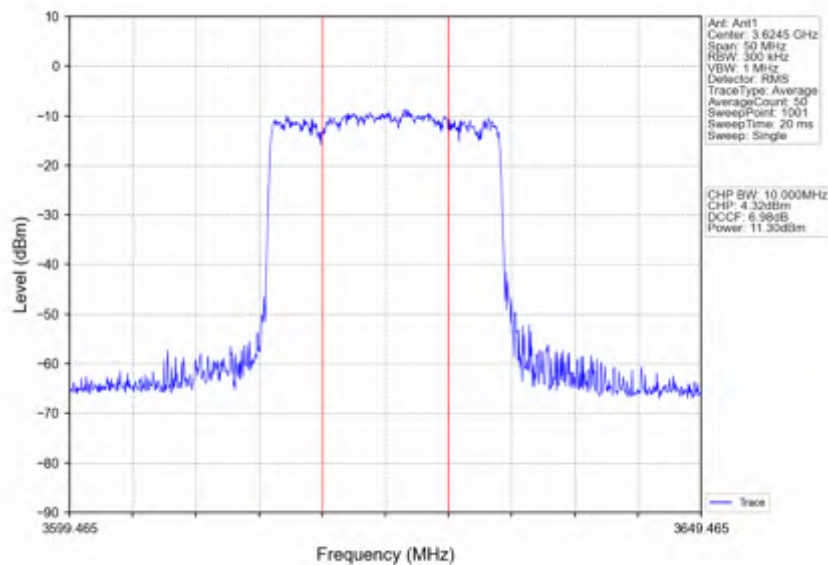
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.egg.com.au/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.egg.com.au/terms-and-conditions/Terms-a-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 herein 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 without 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 report, please contact us at the phone: (853)52997722 or email: CH.00@cockfield.com.

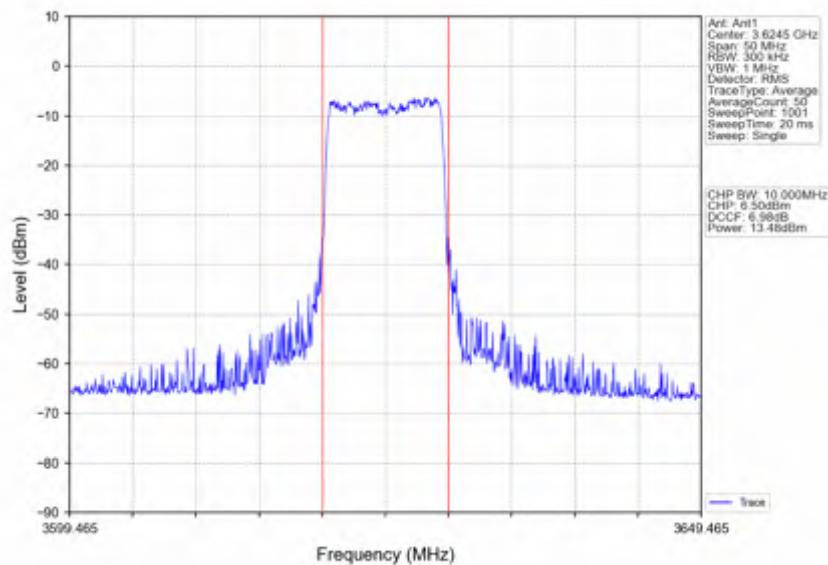
No. 10, Waiye Road, Innovation Park, Komsan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

86-5125735688 86-5125737011 www.sgsgroup.com.cn
86-5125735688 86-5125737011 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3625.005MHz_Inner_Full



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

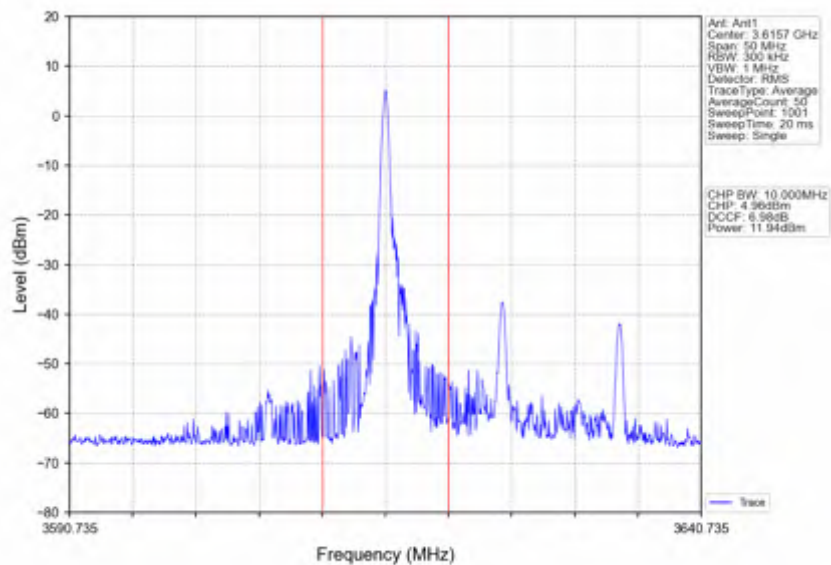
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

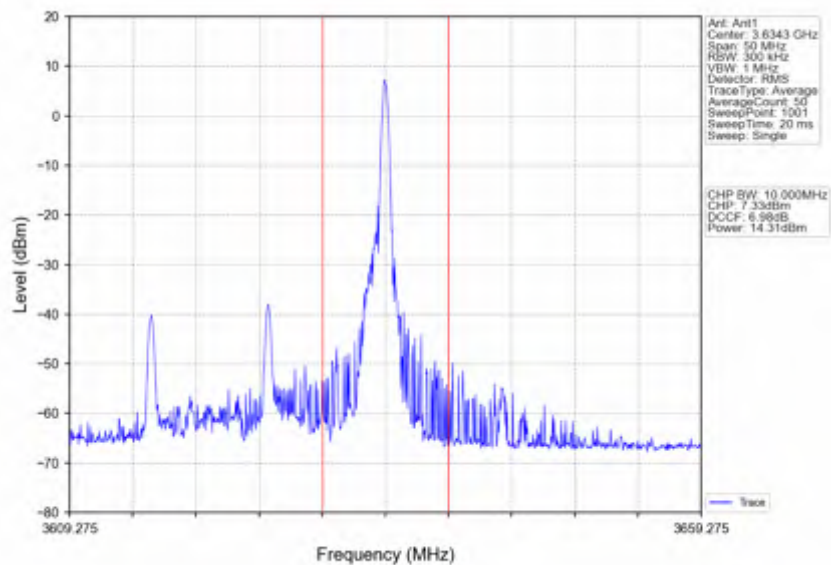
0512-57350888 0512-57370910 www.sgs.com.cn

0512-51257350888 0512-51257370910 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3625.005MHz_Inner_1RB_Right



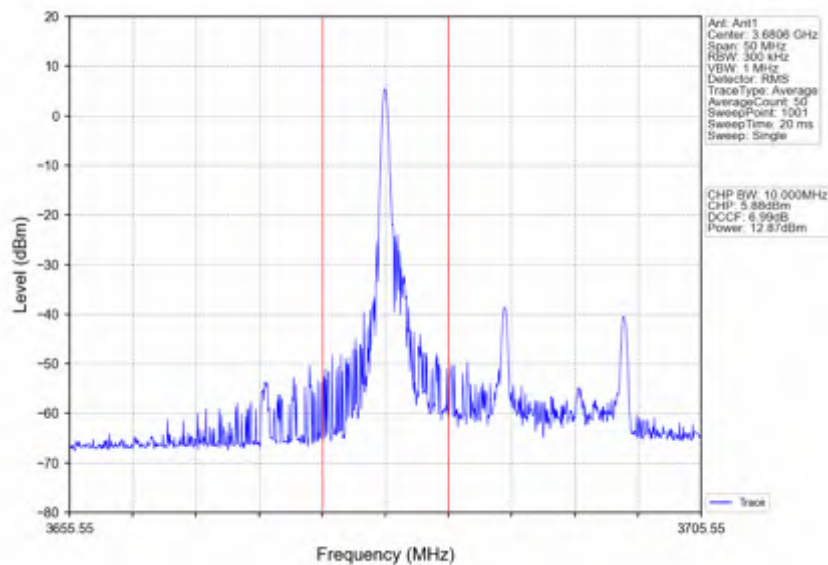
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.egg.com.au/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.egg.com.au/terms-and-conditions/Terms-a-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 herein 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 without 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 report, please contact us at the phone: (853)52997722 or email: CH.00@cockfield.com.

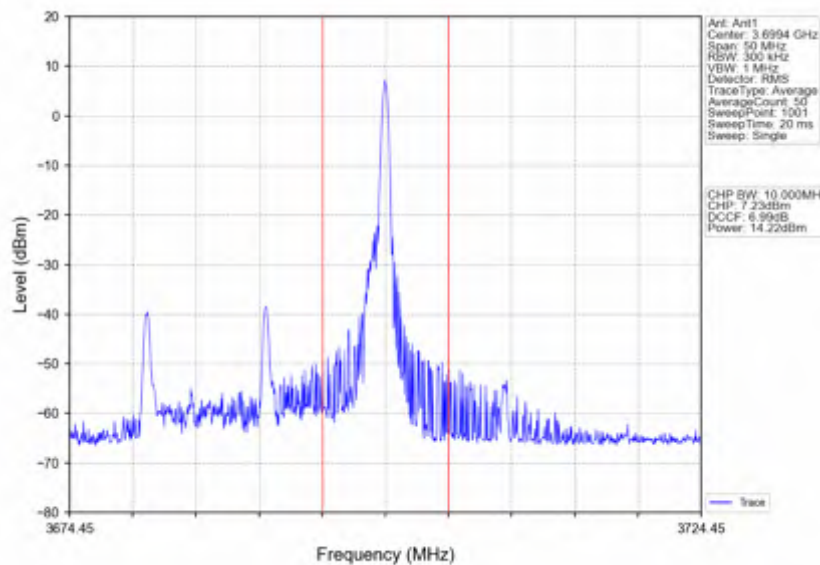
中国·江苏·昆山市周庄学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Edge_1RB_Right



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-a-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 certification report & certificate, please connect us at sgs@sgs.com or sgs@sgs.com or email: CH.Official@sgs.com

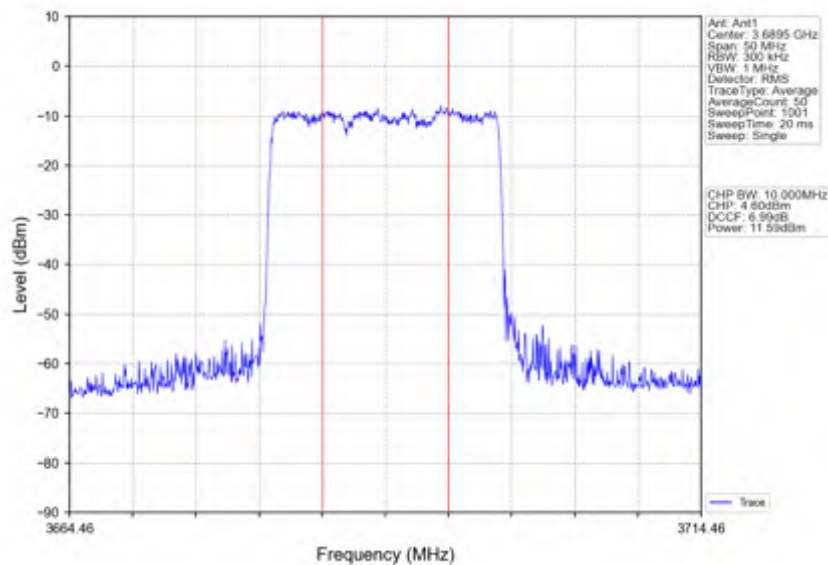
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

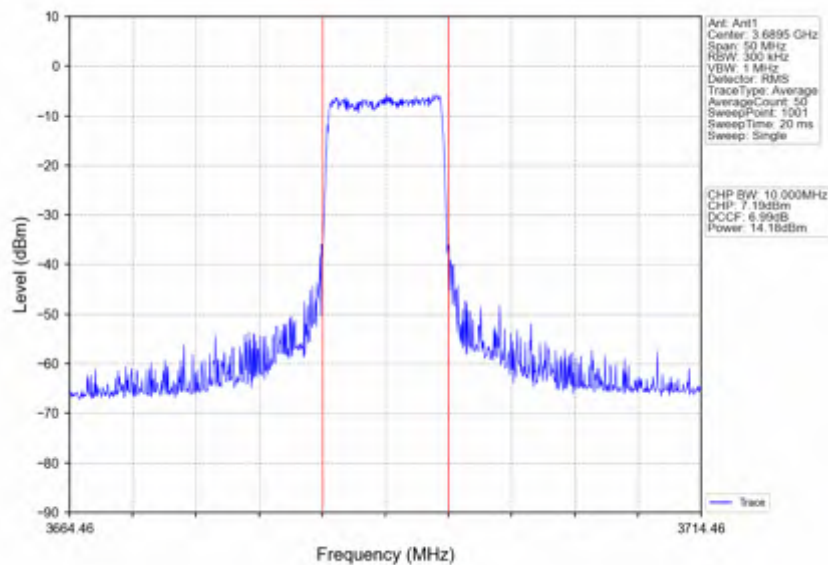
0512-512735088 0512-512737010 www.sgs.com.cn

0512-512735088 0512-512737010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Inner_Full



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

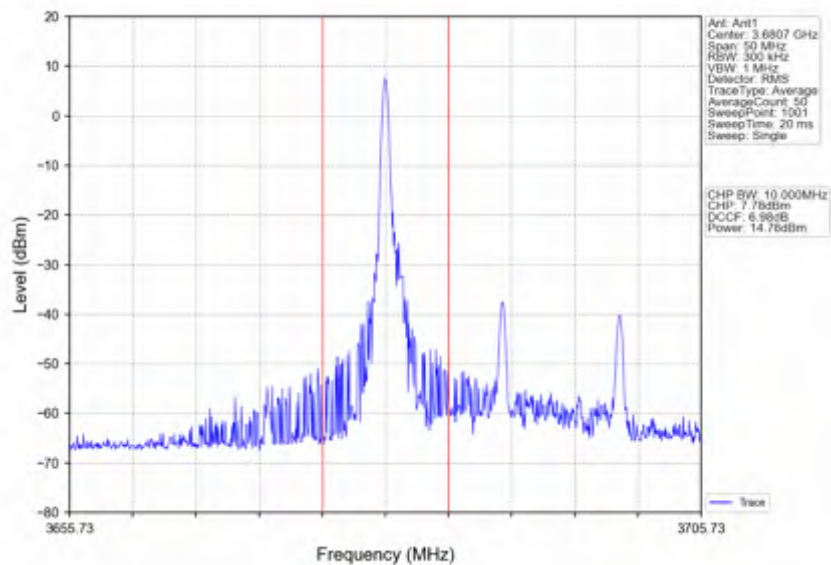
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

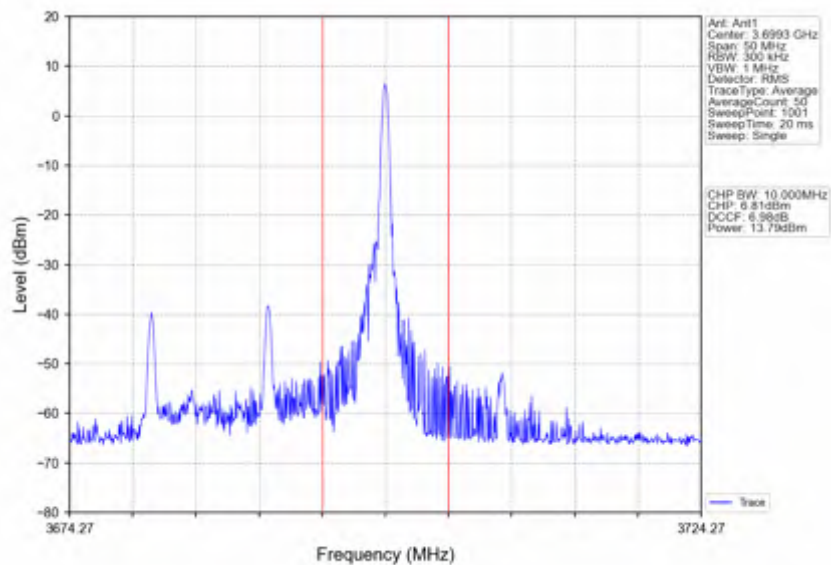
086-51215735088 086-51215737010 www.sgs.com.cn

086-51215735088 086-51215737010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3690MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3690MHz_Inner_1RB_Right

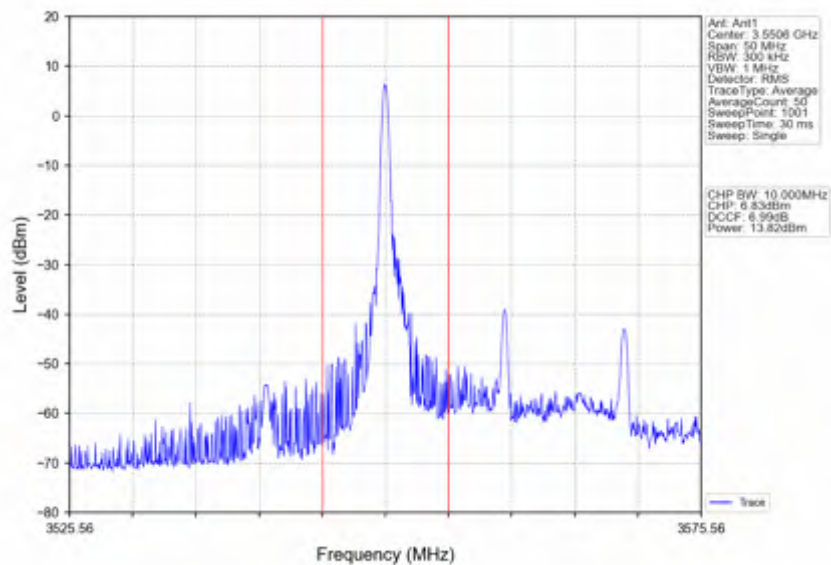


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

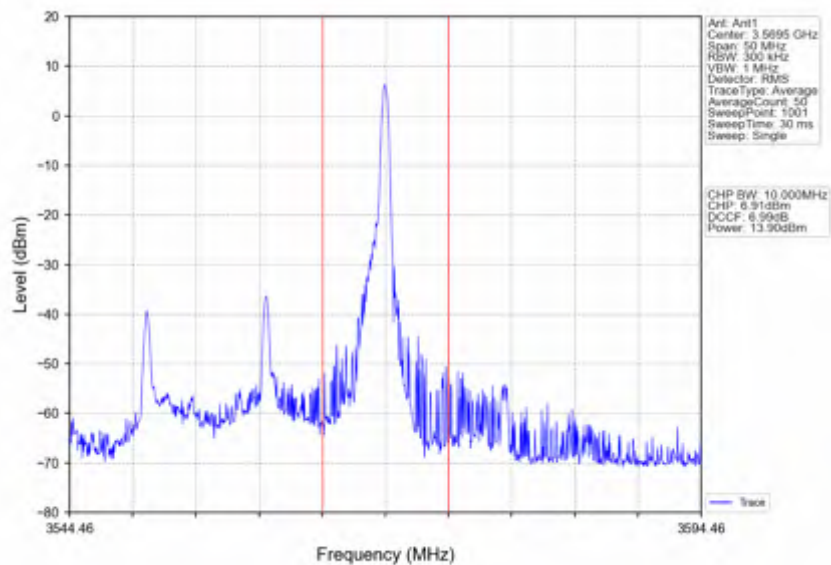
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737091 www.sgsigroup.com.cn
086-5125735688 086-5125737091 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3560.01MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3560.01MHz_Edge_1RB_Right

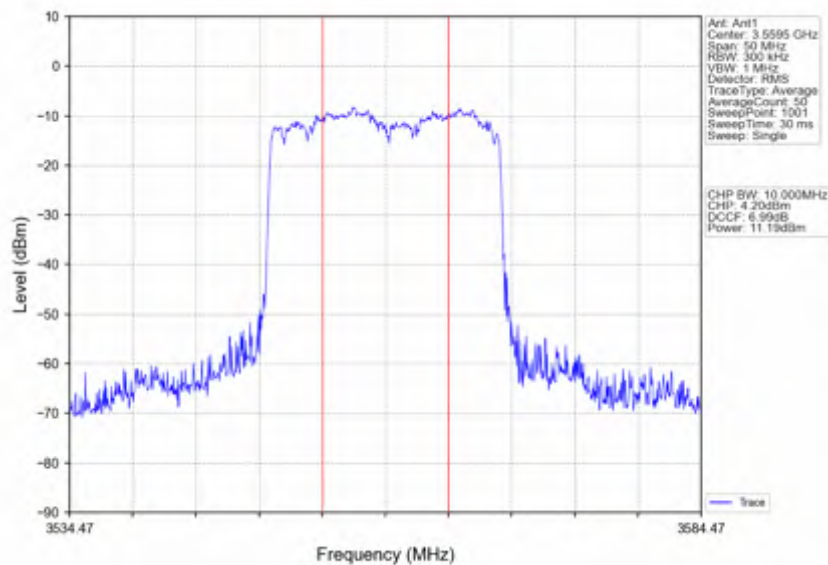


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

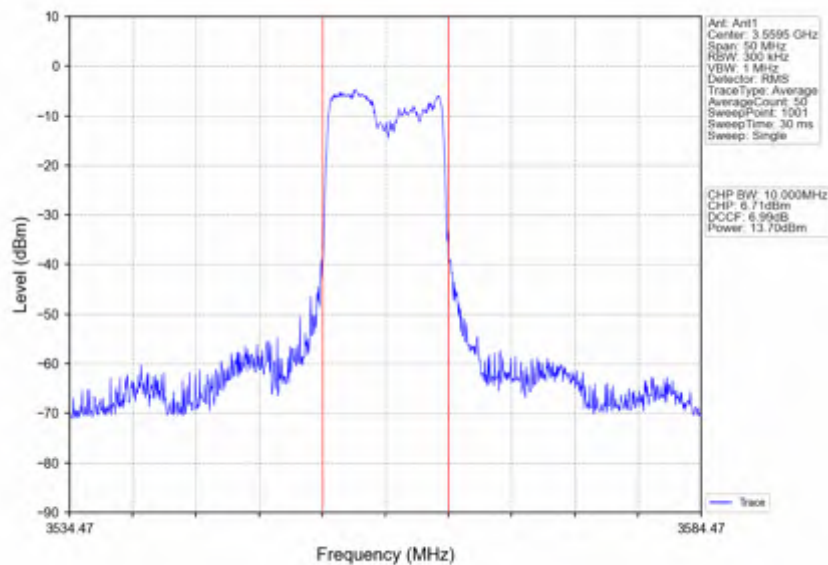
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737091 www.sgsigroup.com.cn
086-5125735688 086-5125737091 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3560.01MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3560.01MHz_Inner_Full

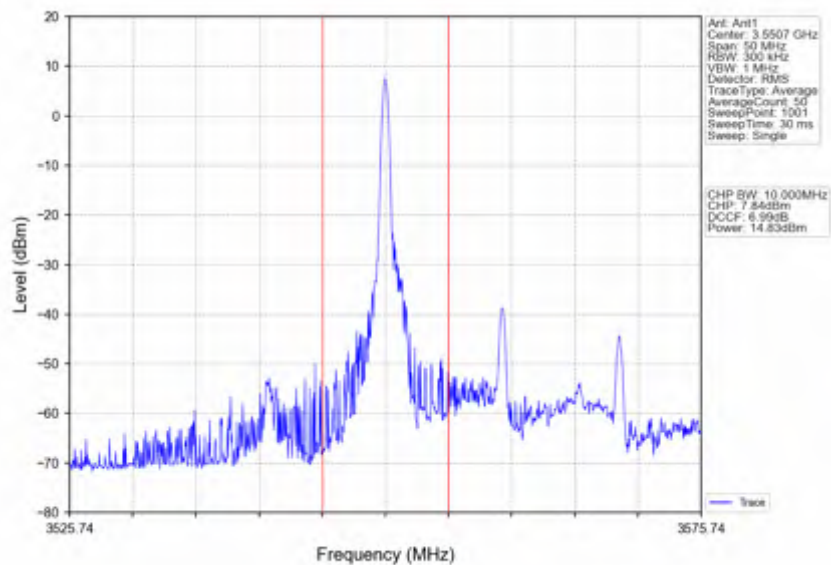


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/ETSI-Products-and-Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's findings are contained in the document and are not to be reproduced, in whole or in part, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the Company at info@etsi.com or <tel:+352437342000>.

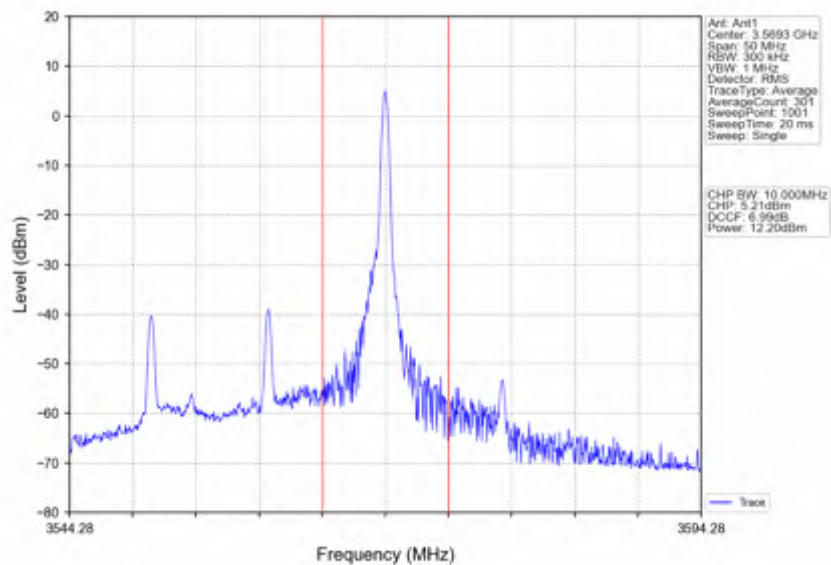
中国·江苏·昆山市周庄生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3560.01MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3560.01MHz_Inner_1RB_Right



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

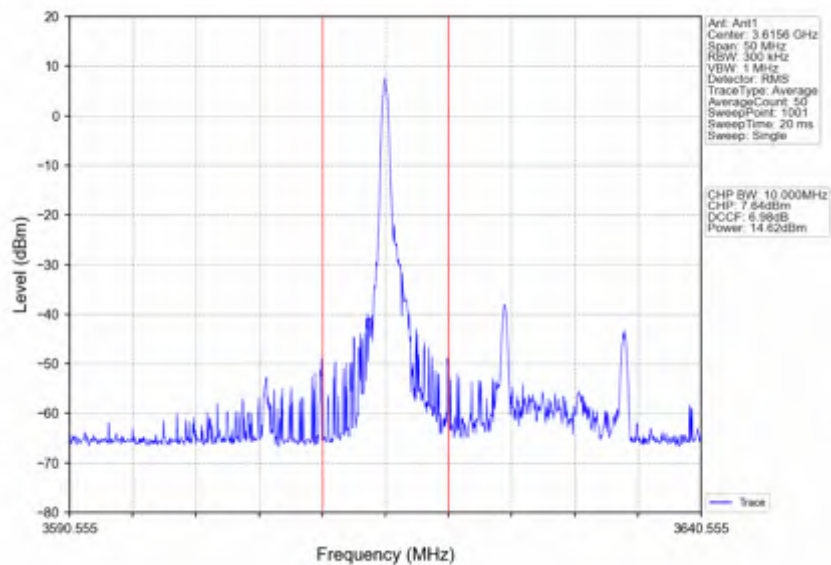
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

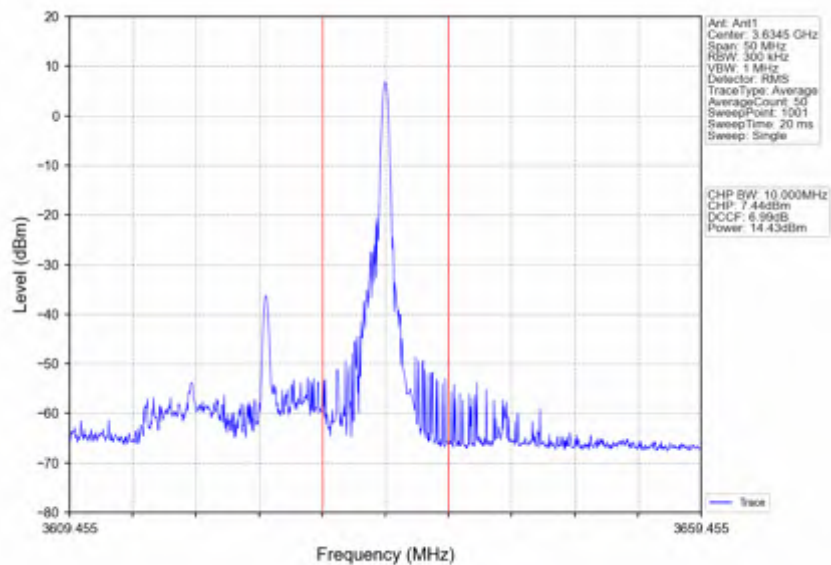
0512-57350888 0512-57370910 www.sgs.com.cn

0512-57350883 0512-57370911 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3625.005MHz_Edge_1RB_Right

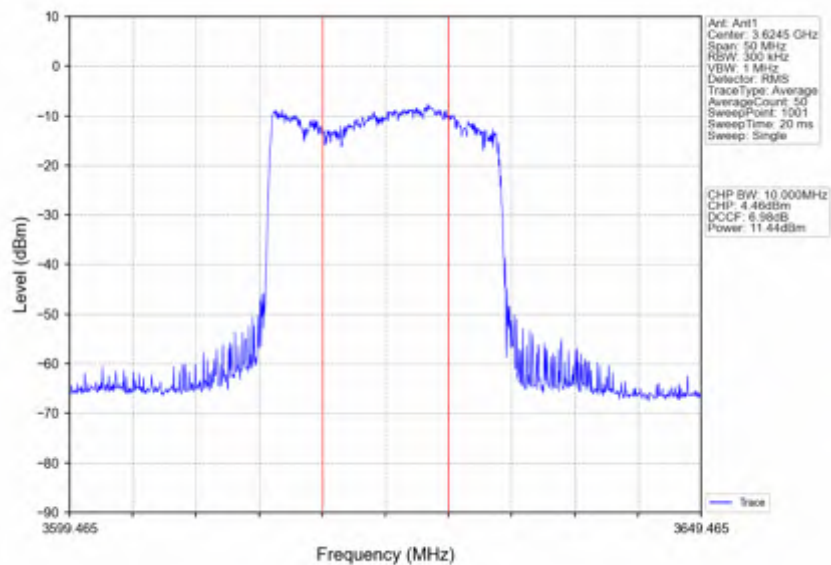


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in the instructions and is not intended to be, nor is it to be construed as, a guarantee or warranty of any kind. The Company's intervention is not intended to be, nor is it to be construed as, a representation or assurance of any kind, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

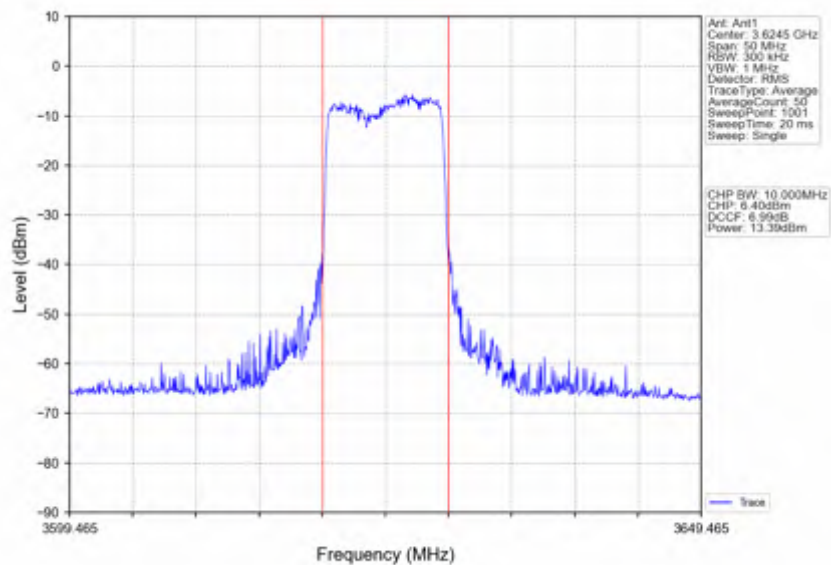
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3625.005MHz_Outer_Full



n78d	15kHz	SISO	NTNV	20MHz	DFT-s-OFDM	16 QAM	3625.005MHz	Inner	Full
------	-------	------	------	-------	------------	--------	-------------	-------	------

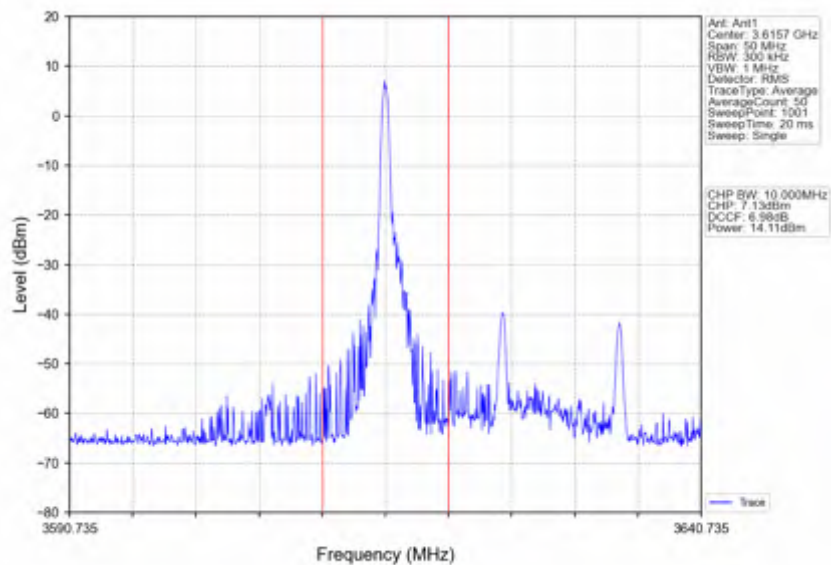


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.usc.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.usc.com/en/Terms-and-Conditions/Terms-a-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 its instructions, if any. The Company's sole responsibility is to its client and this document is not to be made available to any third party without the Company's prior written approval. The Company's documents, documents and/or reports are confidential and may be subject to legal proceedings. 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 last report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

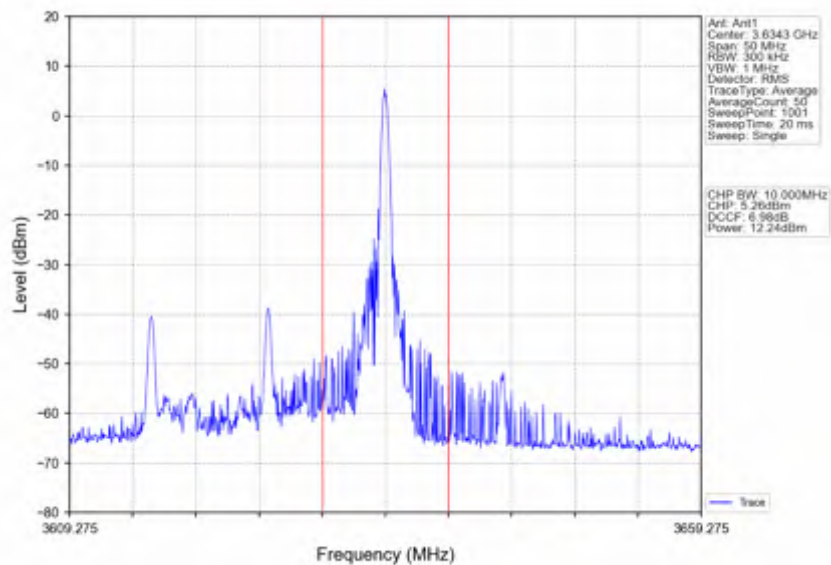
No. 10, Waiye Road, Innovation Park, Koushan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

86-5125735688 86-5125737011 www.sgsgroup.com.cn
86-5125735688 86-5125737011 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3625.005MHz_Inner_1RB_Right

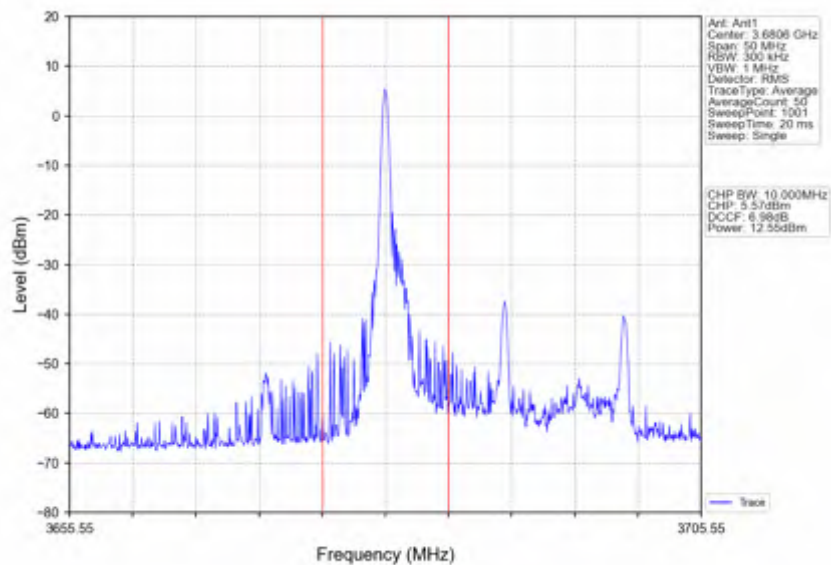


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/ETSI%20Terms%20and%20Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/ETSI%20Terms%20and%20Conditions/Terms%20Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's liability is limited to the amount of the fee actually received by the Company, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the Company at info@etsi.com or <tel:+352437342000>.

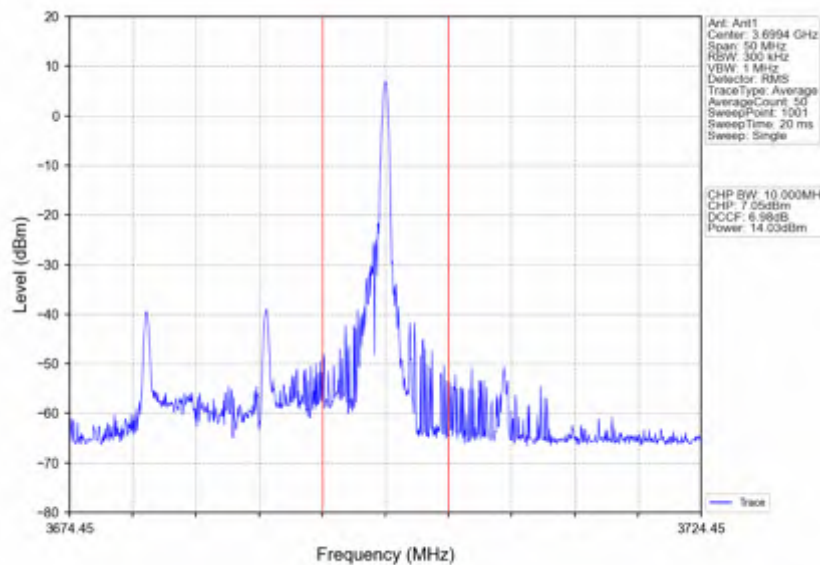
中国·江苏·昆山市周庄学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3690MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3690MHz_Edge_1RB_Right

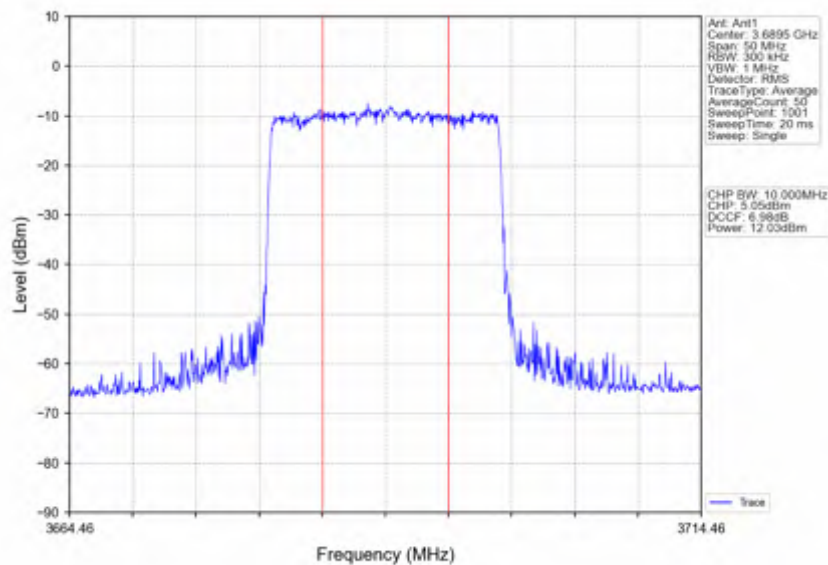


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/ETSI%20Terms%20and%20Conditions.aspx> and for which the Company is not responsible. The document is subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility. The Company's responsibility is limited to the information contained in this document and does not extend to any other information, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the fast report service, please contact your local ETSI representative at etsi@etsi.com or visit the ETSI website at www.etsi.com.

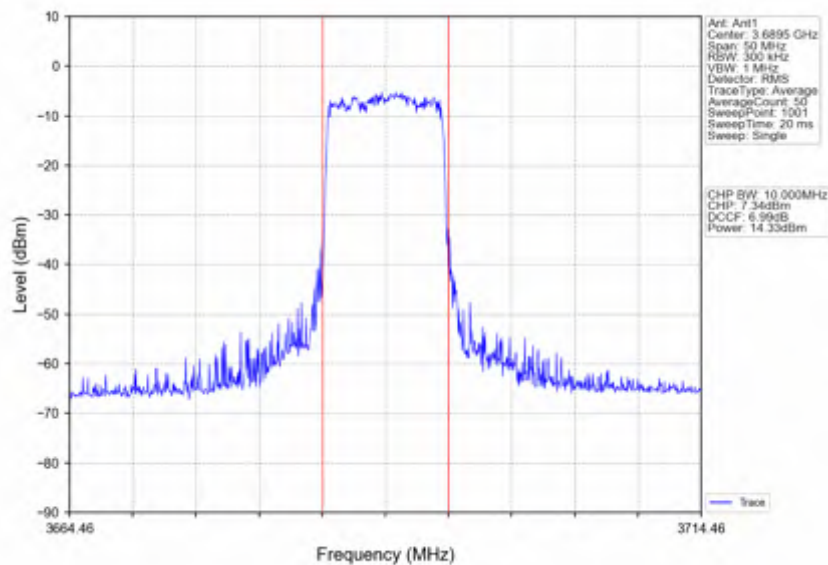
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3690MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3690MHz_Inner_Full



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

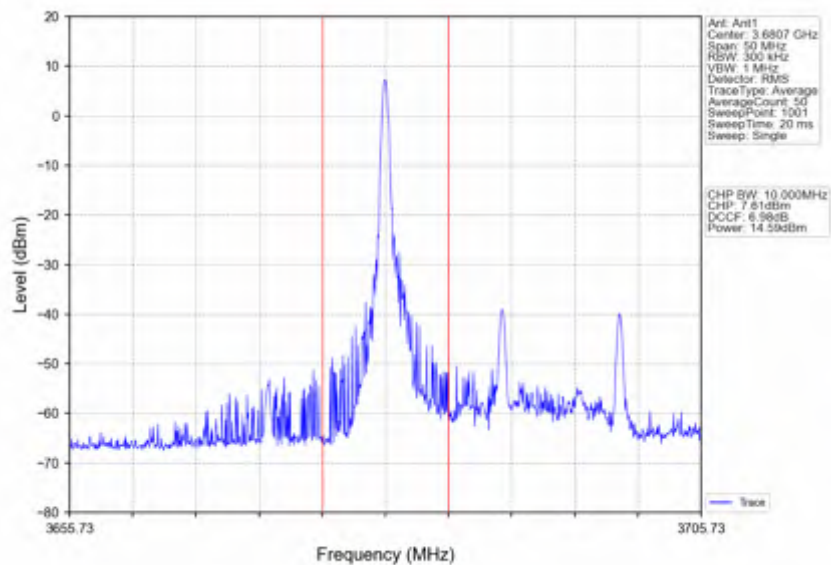
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

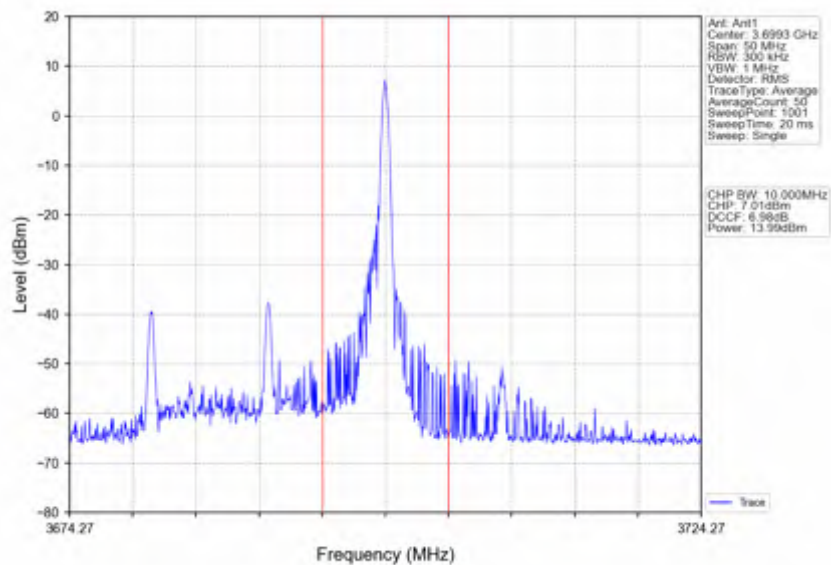
086-5125735088 086-5125737010 www.sgs.com.cn

086-5125735088 086-5125737010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3690MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3690MHz_Inner_1RB_Right



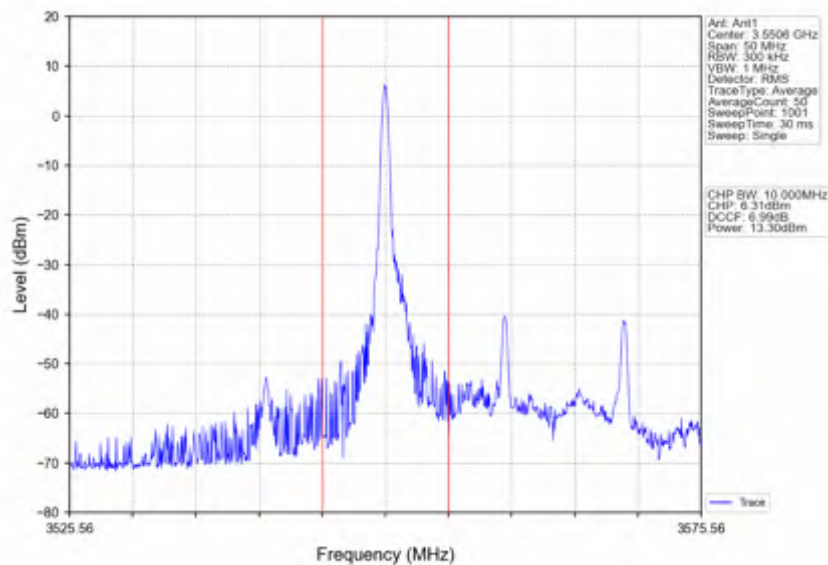
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.egg.com.au/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.egg.com.au/Terms-and-Conditions/Terms-a-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 herein 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, in whole or in part, 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 last 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: (853)5299772 or e-mail: CHD@eggcheck.com.hk

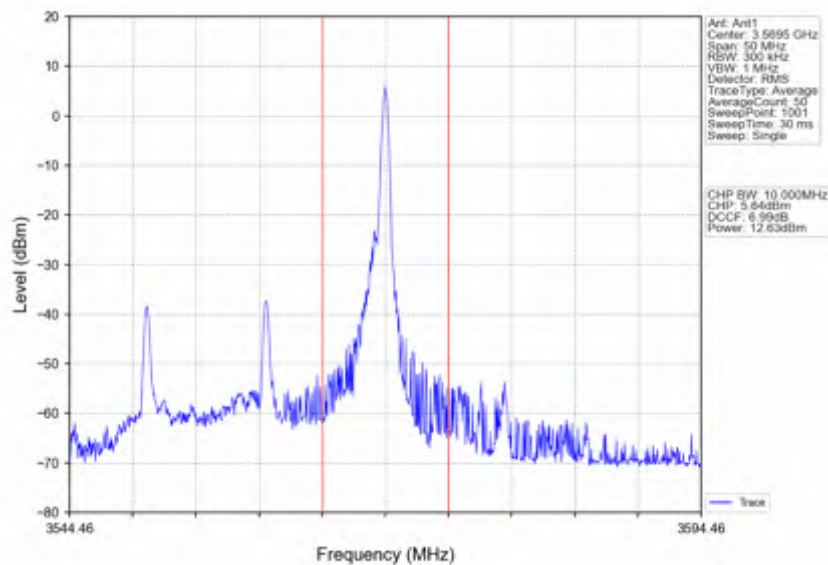
No.10, Waiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留园生态园伟业路10号 邮编 215300

86-5125735688 86-5125737011 www.sgschina.com.cn
86-5125735688 86-5125737011 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3560.01MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3560.01MHz_Edge_1RB_Right

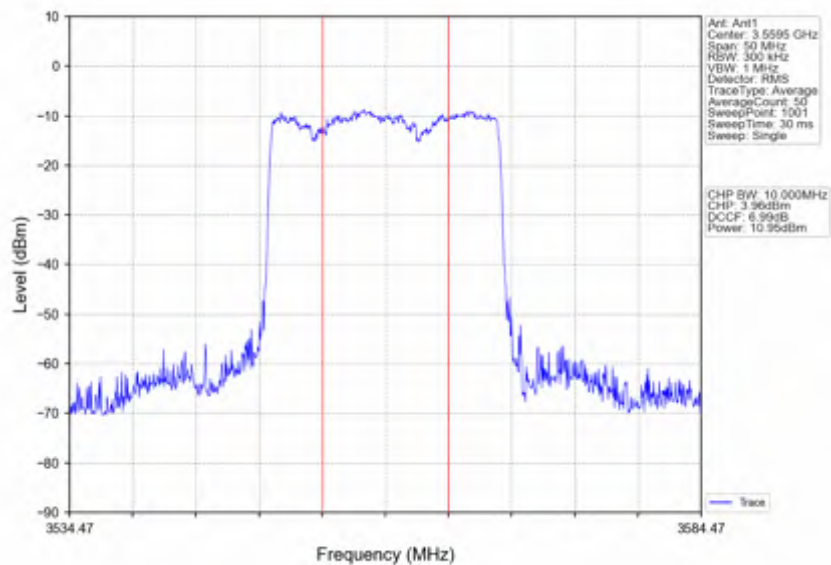


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in the instructions and is not intended to be, nor shall it be, construed 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 samples shown in this report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

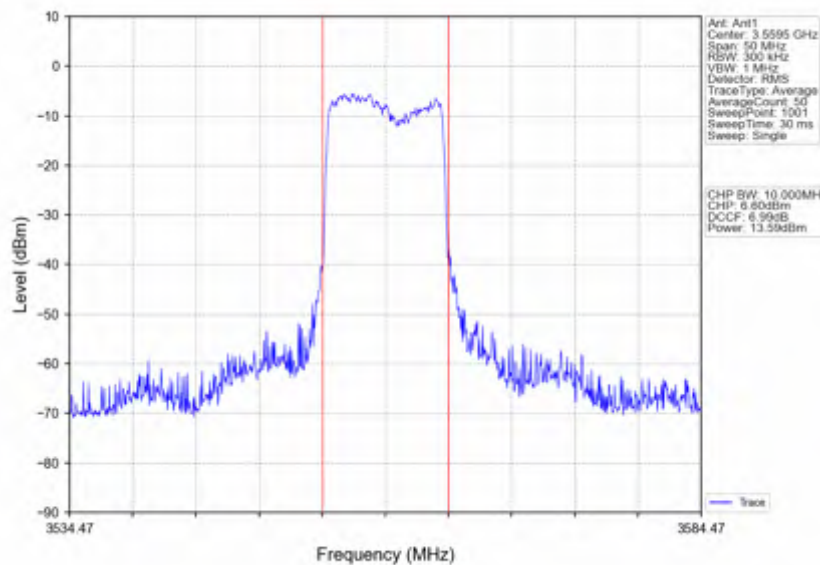
No. 10, Waiye Road, Innovation Park, Komsan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

86-5125735688 86-5125737011 www.sgschina.com.cn
86-5125735688 86-5125737011 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3560.01MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3560.01MHz_Inner_Full

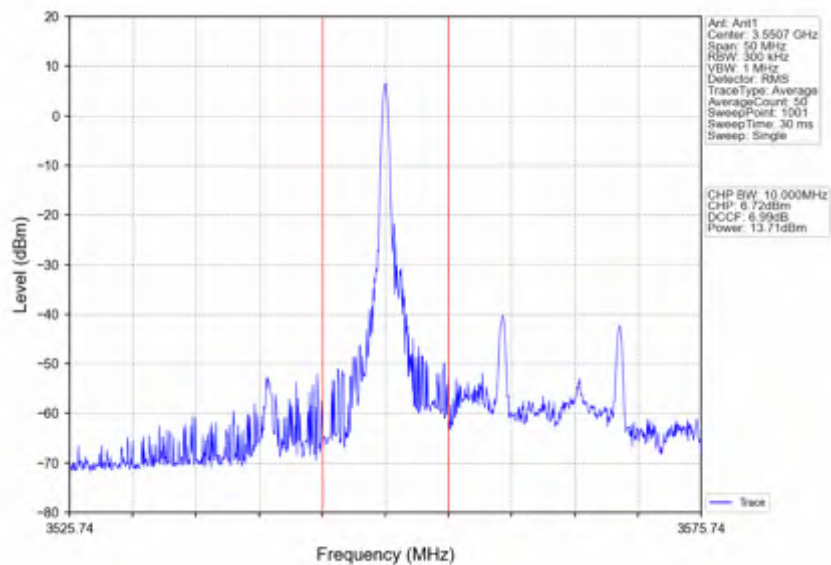


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in the instructions and is not intended to be, nor shall it be, construed 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 samples shown in this report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

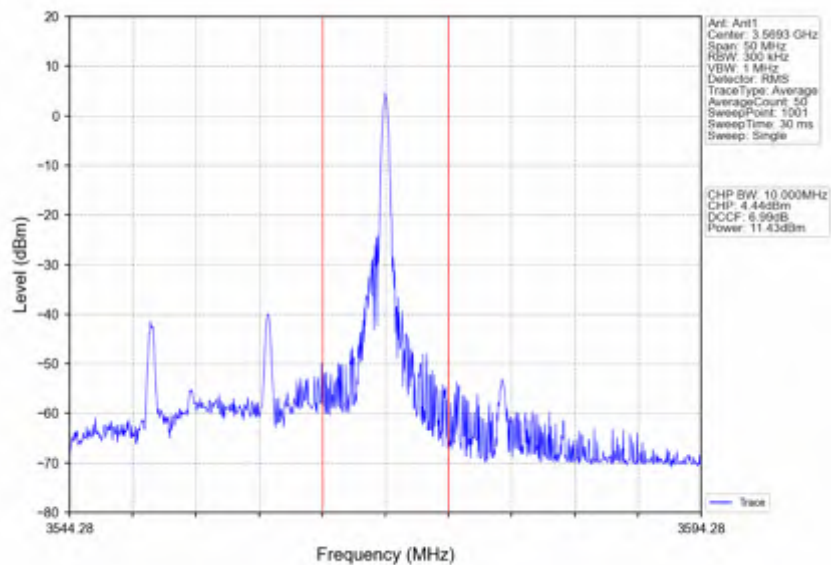
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3560.01MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3560.01MHz_Inner_1RB_Right

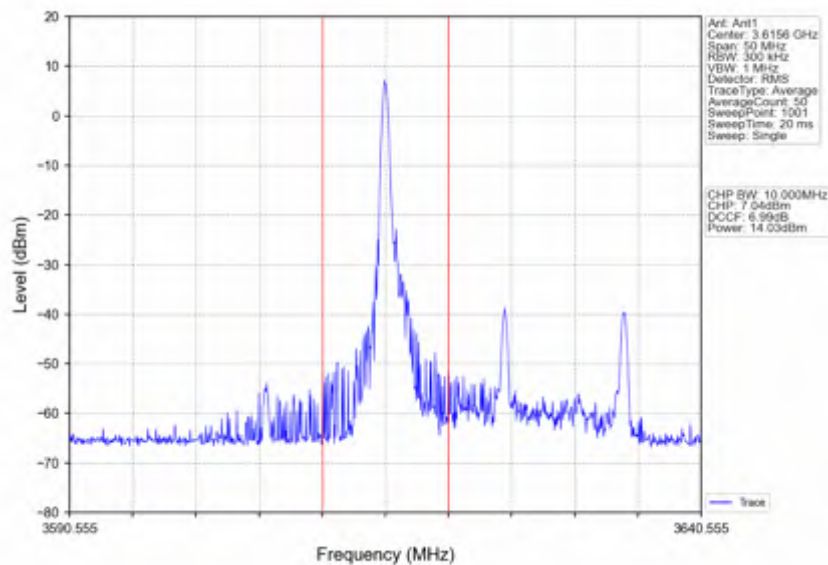


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/Products/ETSI%20Products%20and%20Conditions> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their own responsibility. The Company's liability is limited to the amount of the fee actually paid to the Company for the service, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. etsi@etsi.com or <tel:+352437342201> for testing enquiries and sample collection and delivery contact at any time. www.etsi.com for more information. [05/2019]

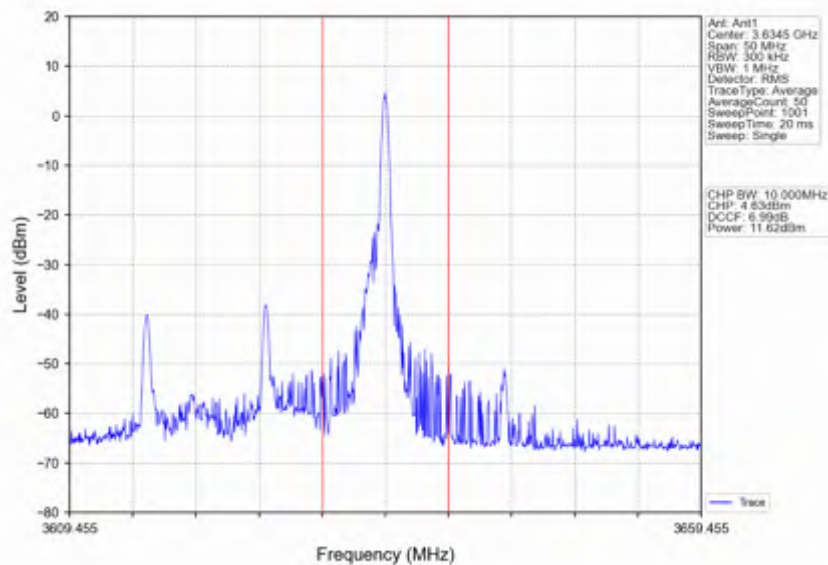
中国·江苏·昆山市周庄学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3625.005MHz_Edge_1RB_Right

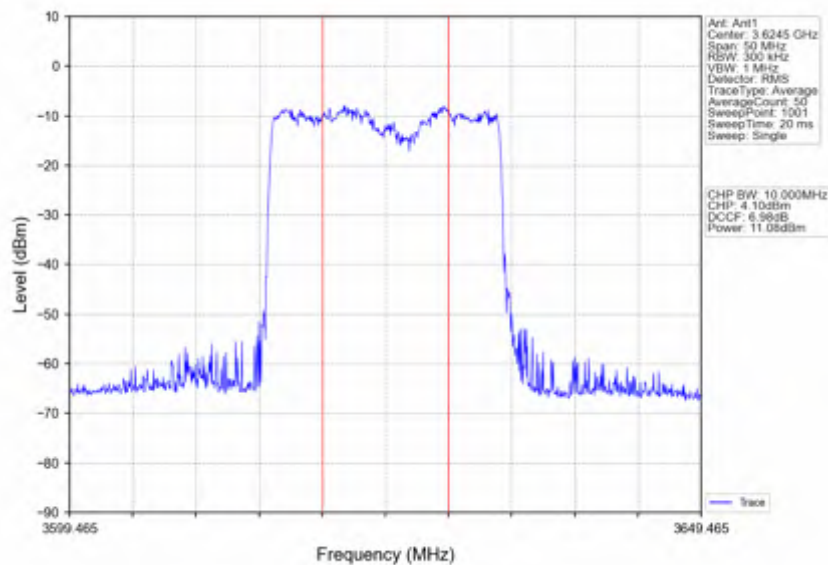


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/ETSI%20Terms%20and%20Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error in the report, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the Company at info@etsi.com or <tel:+352437342000>.

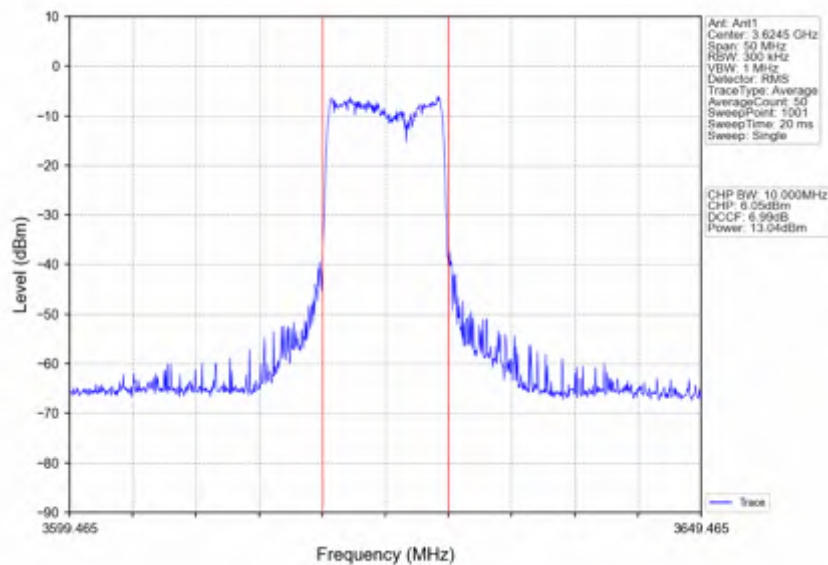
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3625.005MHz_Inner_Full



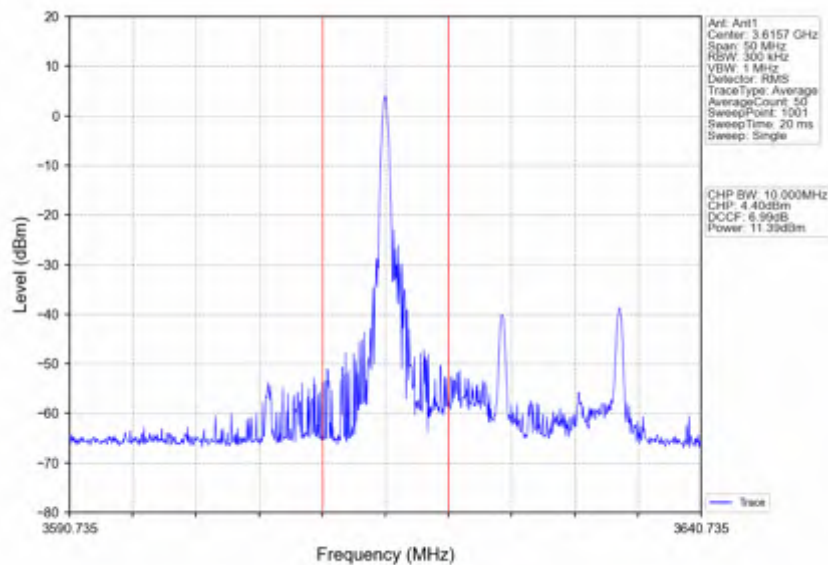
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com (86-512) 57370000 or email: CN-Online@sgs.com.

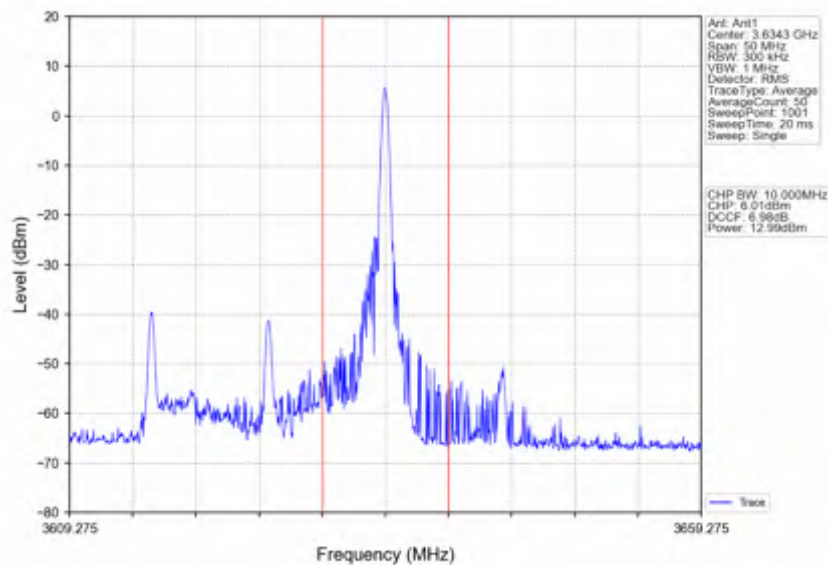
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

0086-51257350888 0086-51257370010 www.sgs.com.cn
0086-51257350888 0086-51257370010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3625.005MHz_Inner_1RB_Right

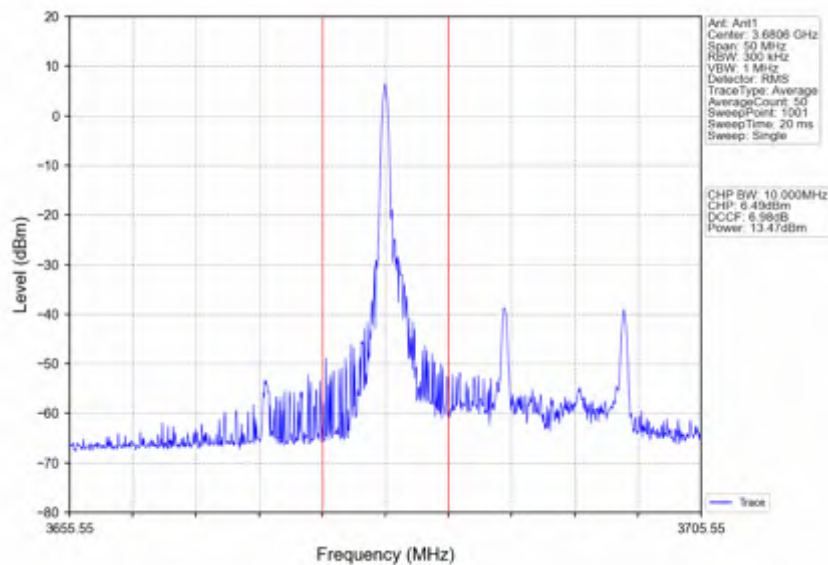


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 samples shown in this fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

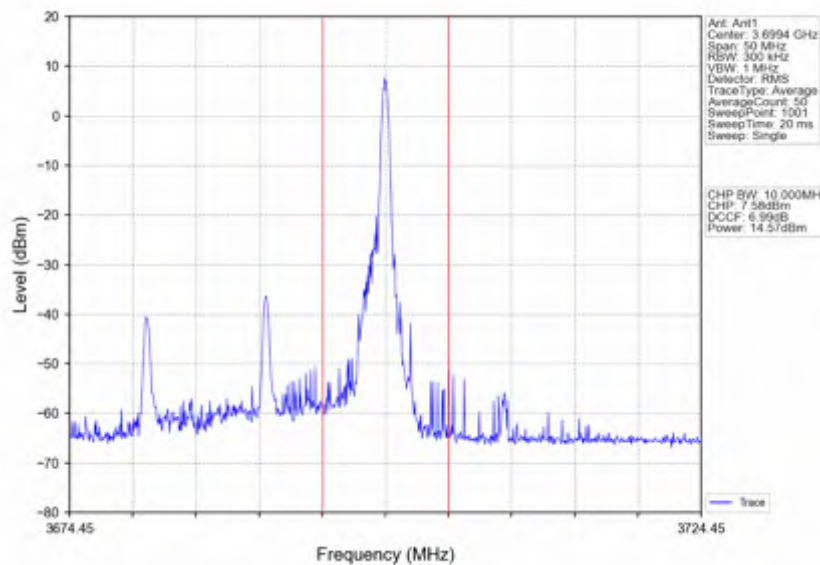
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3690MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3690MHz_Edge_1RB_Right



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-a-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 certification report & certificate, please connect us at sgs@sgs.com or sgs@sgs.com or sgs@sgs.com.

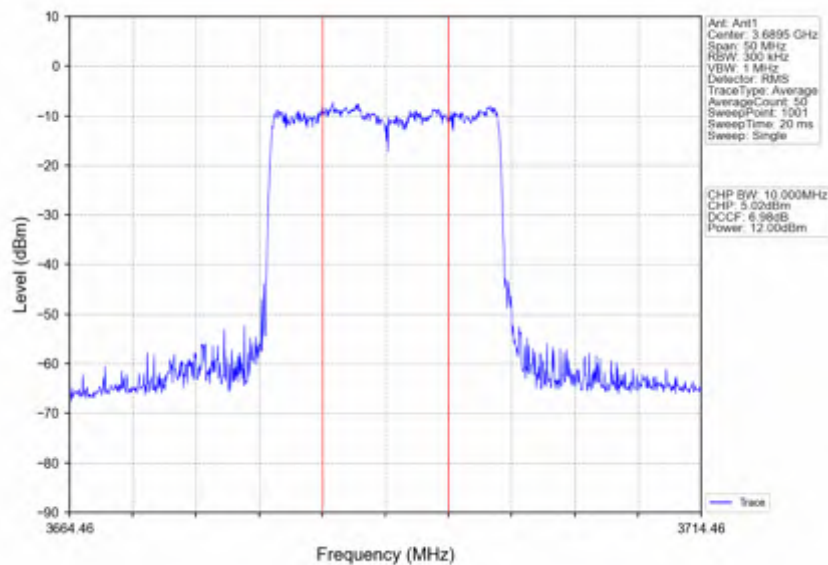
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

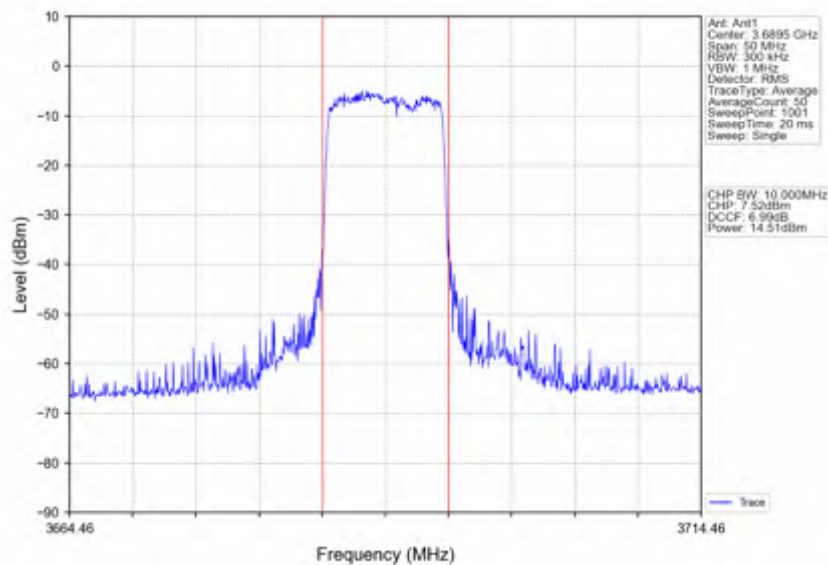
0512-57350888 0512-57370910 www.sgs.com.cn

0512-57350883 0512-57370911 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3690MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3690MHz_Inner_Full



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-a-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 certification report & certificate, please connect us at china@sgs.com or CN-Online@sgs.com.

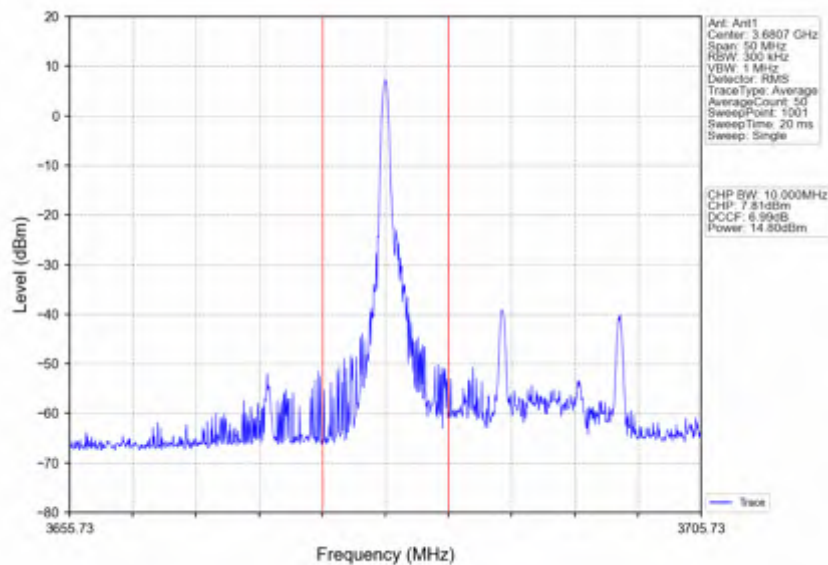
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

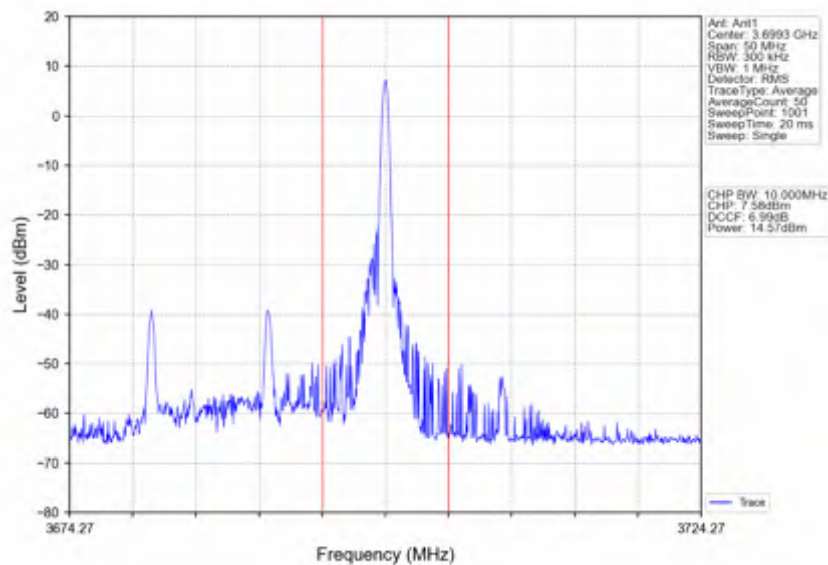
086-5125735088 086-5125737010 www.sgs.com.cn

086-5125735088 086-5125737010 sgs.china@sgs.com

n78d 15kHz SISO NTV 20MHz DFT-s-OFDM 64 QAM 3690MHz Inner 1RB Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3690MHz_Inner_1RB_Right

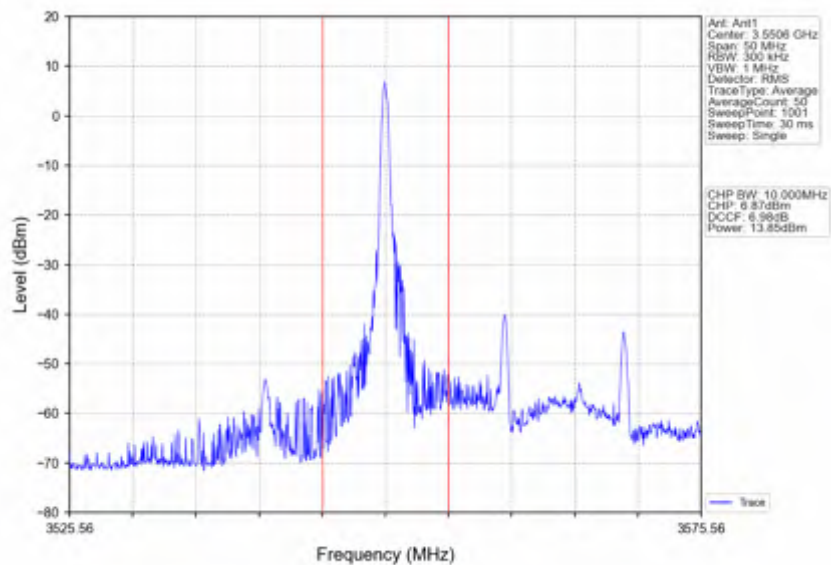


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

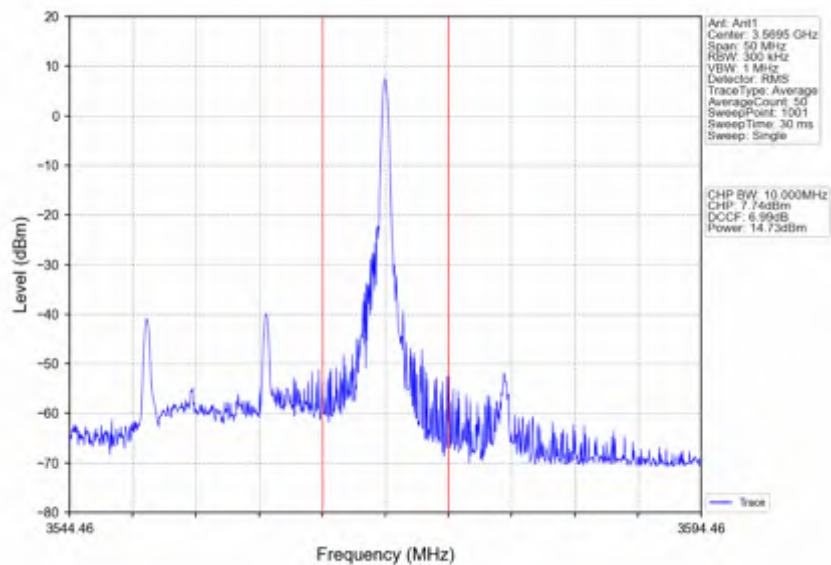
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3560.01MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3560.01MHz_Edge_1RB_Right



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

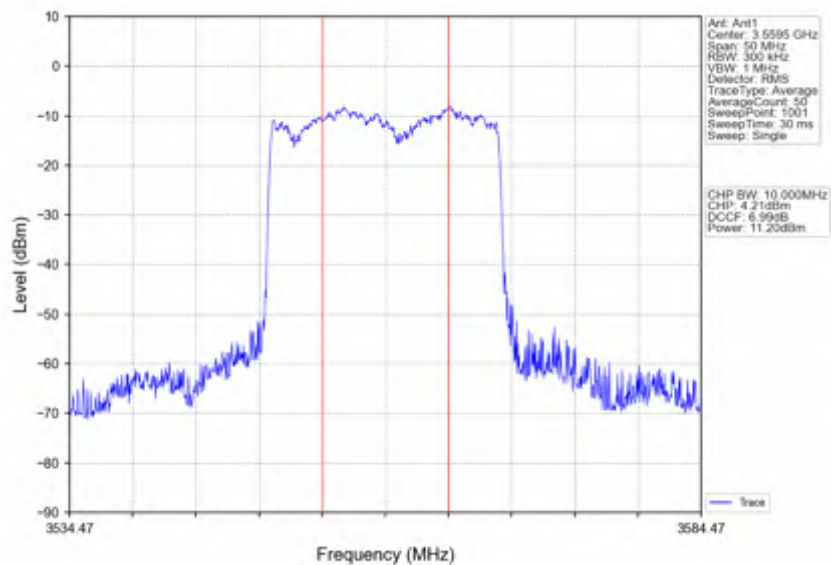
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

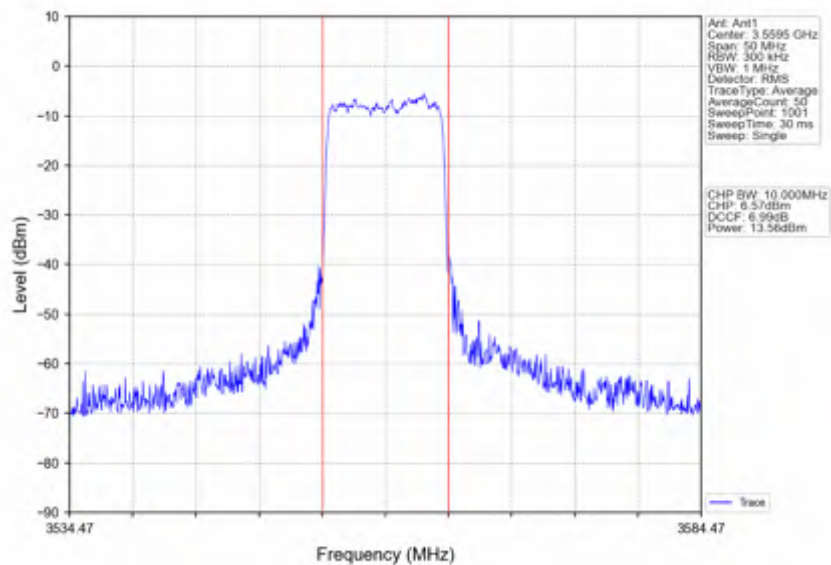
0512-57350888 0512-57370910 www.sgs.com.cn

0512-51257350888 0512-51257370910 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3560.01MHz_Outer_Full



n78d	15kHz	SISO	NTNV	20MHz	DFT-s-OFDM	256 QAM	3560.01MHz	Inner	Full
------	-------	------	------	-------	------------	---------	------------	-------	------

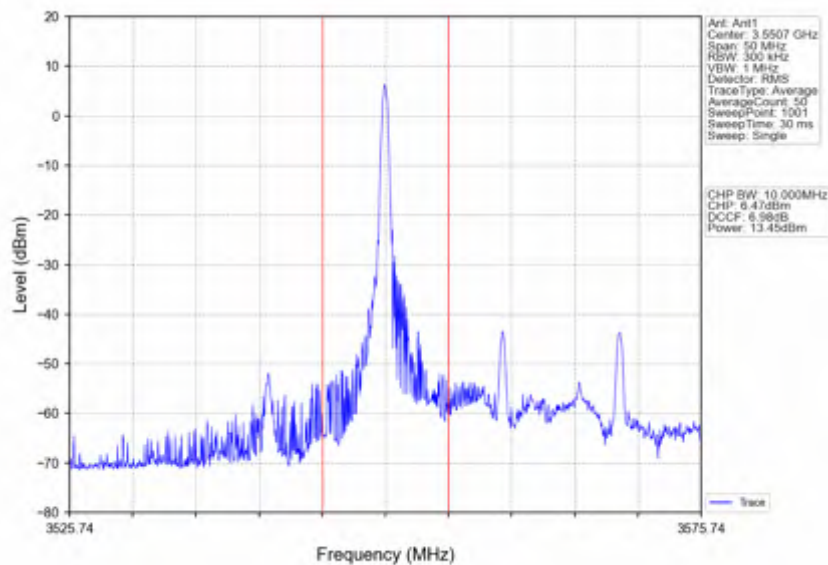


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/ETSI%20Terms%20and%20Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error in the report, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the Company at info@etsi.com or <tel:+352437342000>.

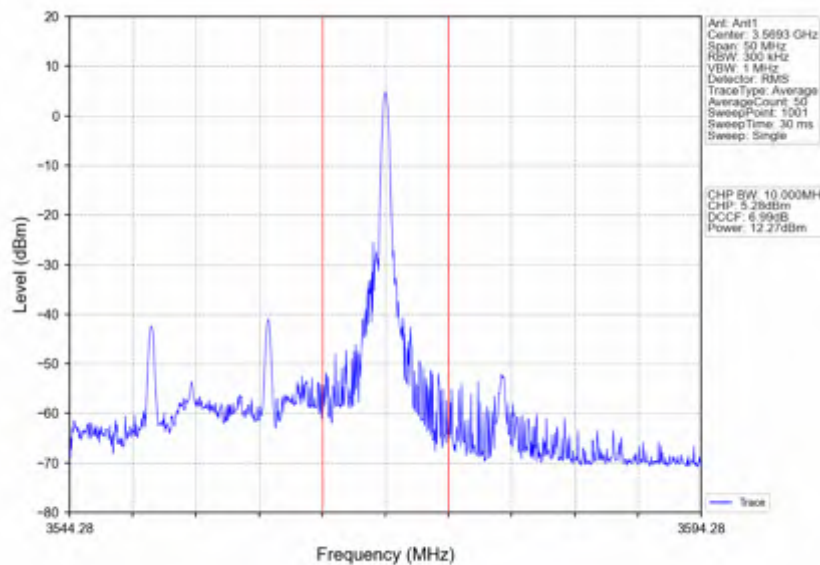
No. 10, Waiye Road, Innovation Park, Keshan, Jiangsu, China 215300
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3560.01MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3560.01MHz_Inner_1RB_Right

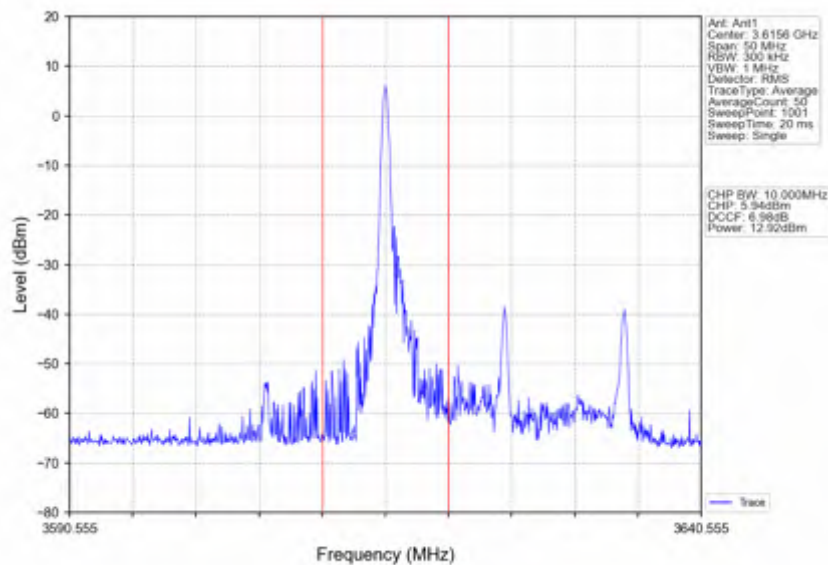


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/ETSI+Terms+and+Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/ETSI+Terms+and+Conditions+Terms+Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's findings are contained in the document and are not to be reproduced, in whole or in part, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the fast report or testing contact the following ETSI contact at any time: ETSI-FAST@etsi.fr or ETSI-FAST@etsi.es.

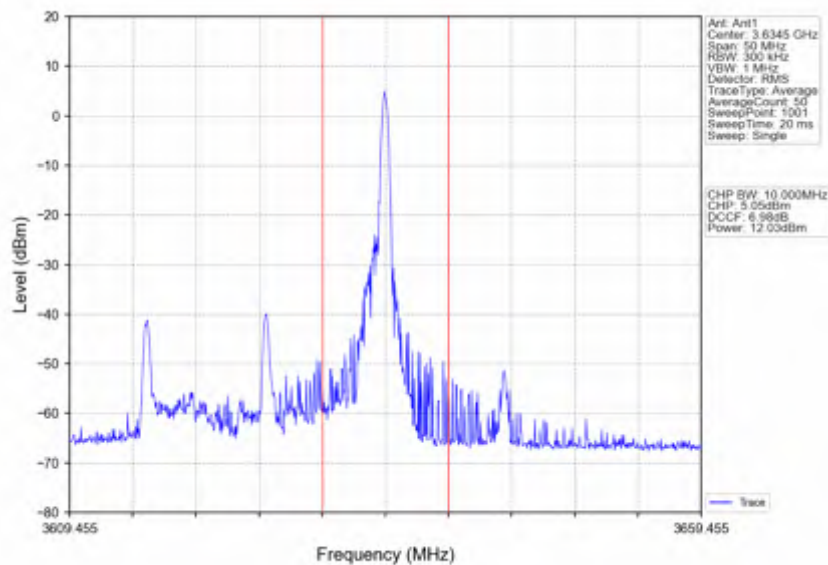
中国·江苏·昆山市周庄生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3625.005MHz_Edge_1RB_Right



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-a-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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

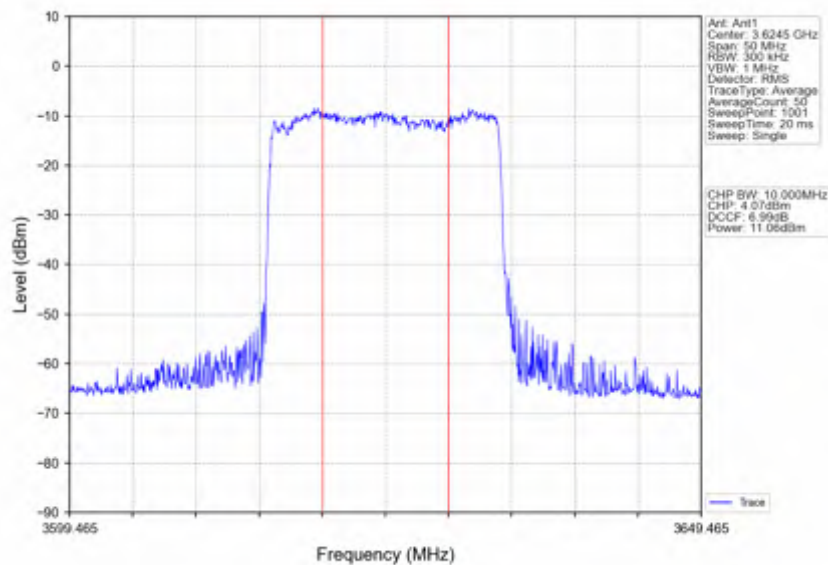
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

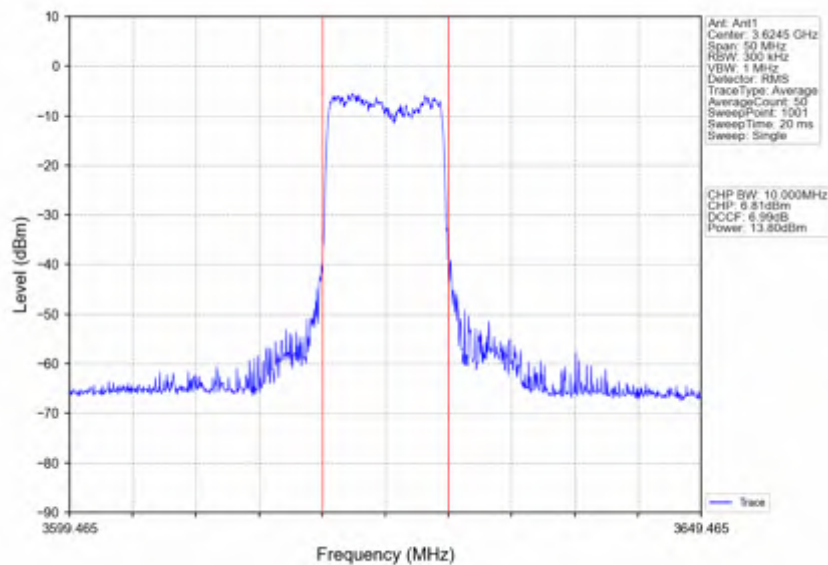
0512-512735088 0512-512737010 www.sgs.com.cn

0512-512735088 0512-512737010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3625.005MHz_Inner_Full



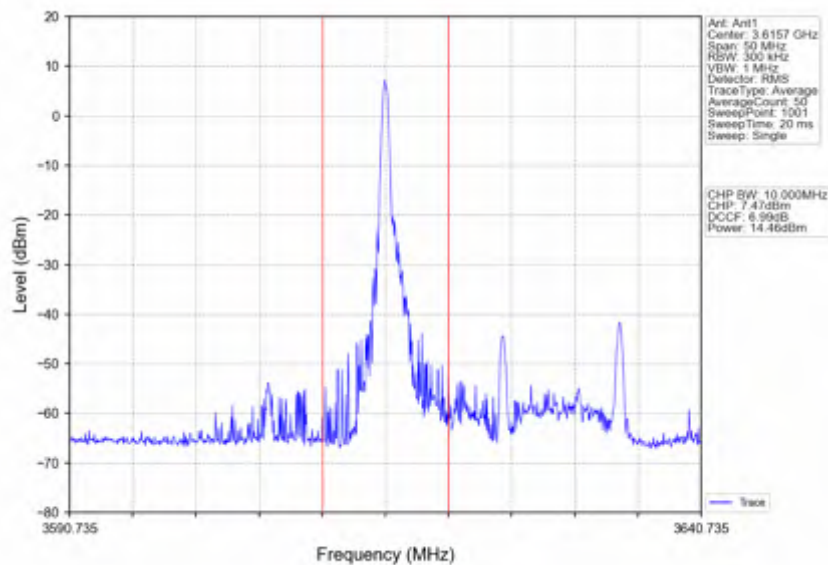
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 certification report & certificate, please connect us at sgs@sgs.com (<http://sgs.com>) or send an email: CN-Online@sgs.com.

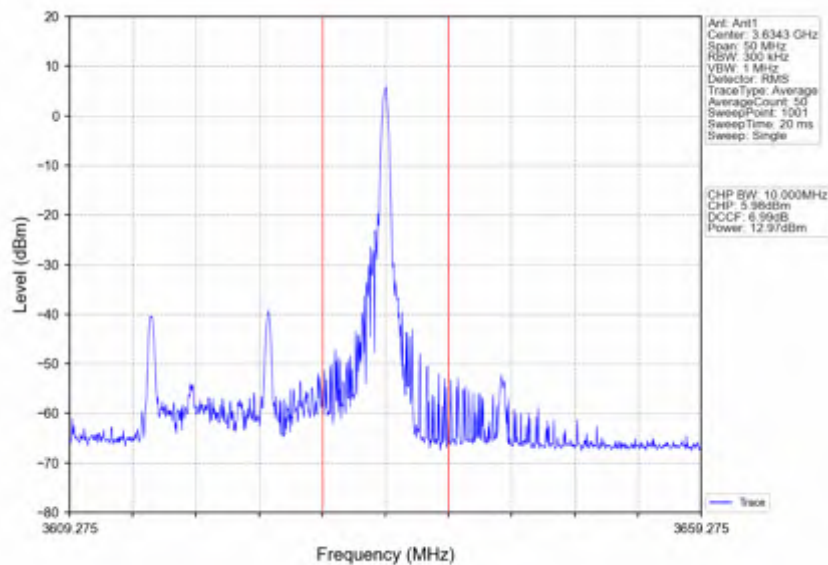
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

0512-57350888 0512-57370910 www.sgs.com.cn
0512-51257350883 0512-51257370910 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3625.005MHz_Inner_1RB_Right



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-a-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 certification report & certificate, please connect us at sgs@sgs.com or CN-Check@sgs.com.

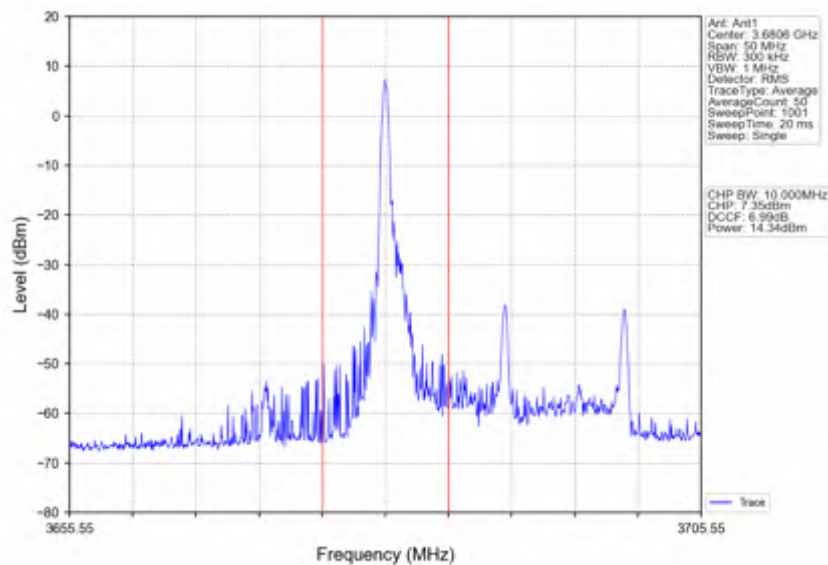
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

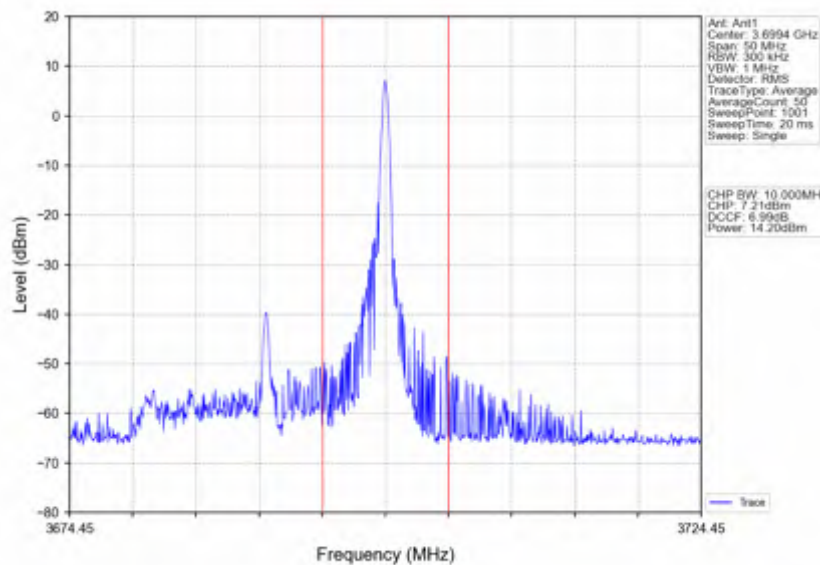
0512-51273700 0512-51273701 www.sgs.com.cn

0512-5127350883 0512-51273700 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3690MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3690MHz_Edge_1RB_Right



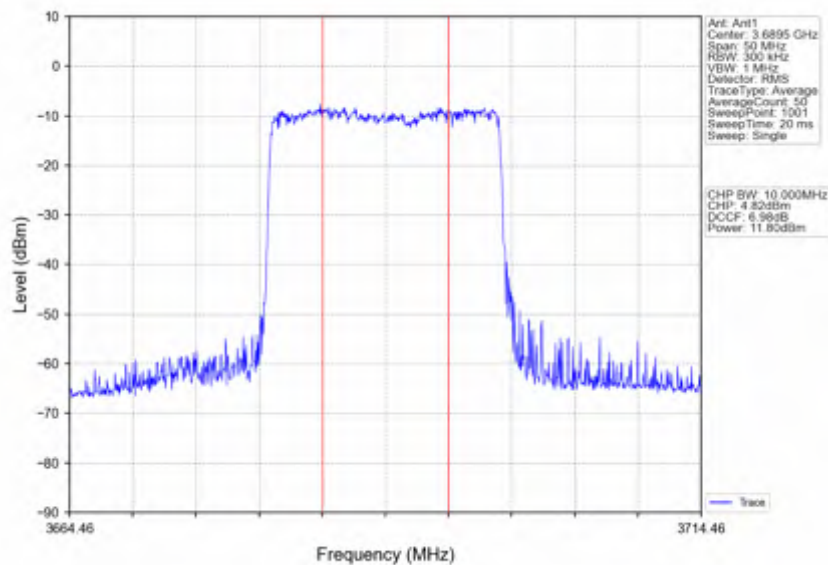
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 certification report & certificate, please connect us at sgs@sgs.com or sgs@sgs.com or email: CN-Check@sgs.com.

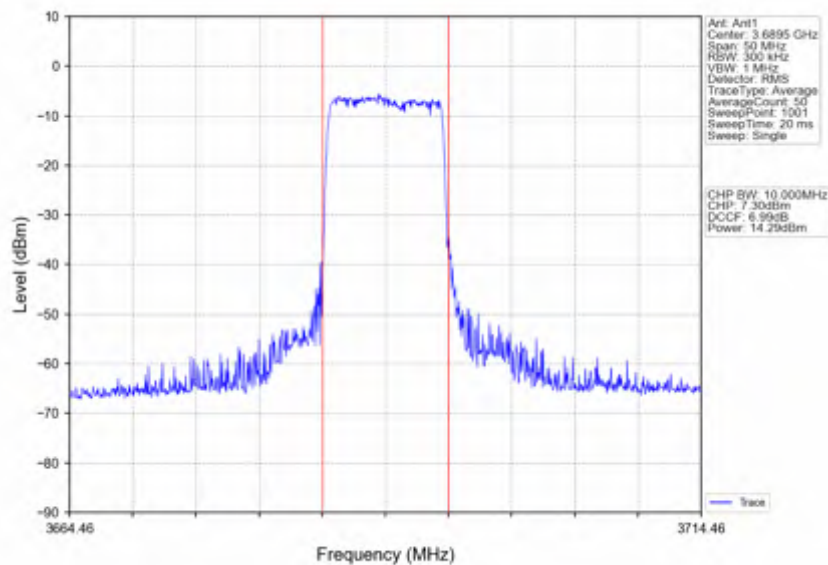
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

0512-57350888 0512-57370910 www.sgs.com.cn
0512-57350883 0512-57370911 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3690MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3690MHz_Inner_Full



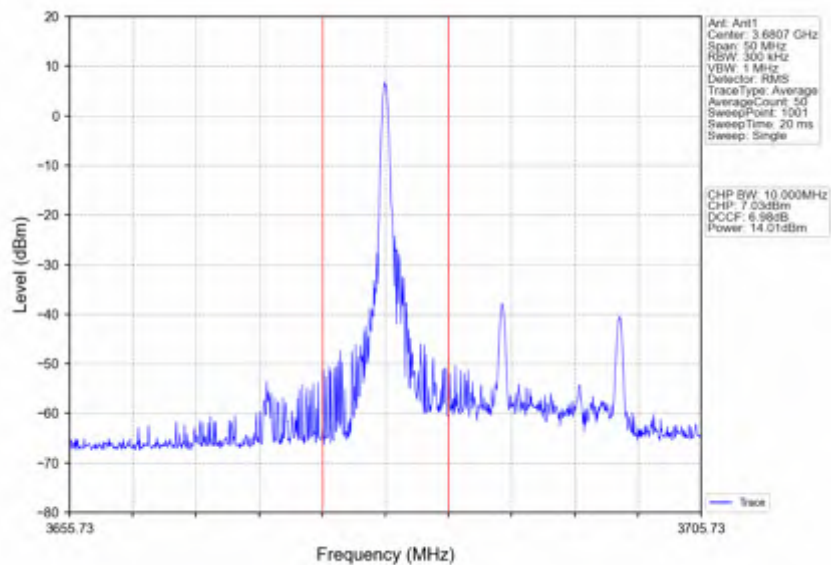
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com or CN-Online@sgs.com.

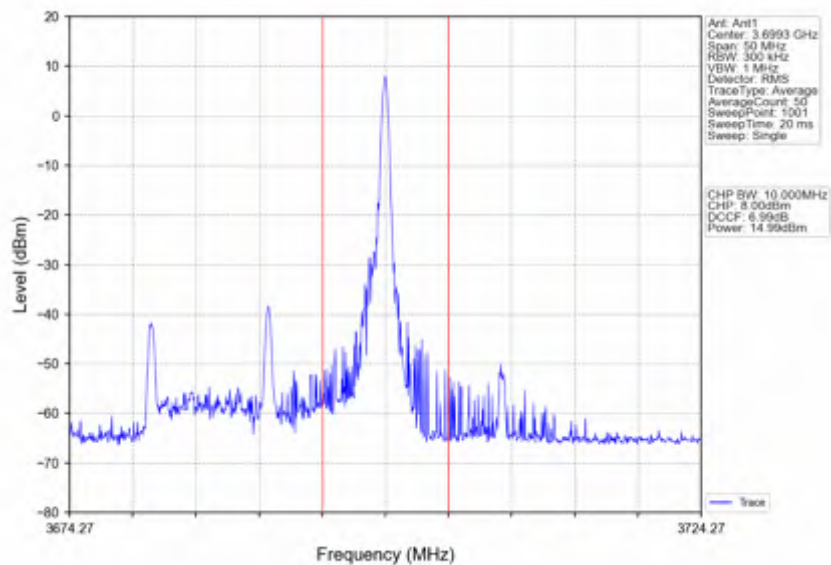
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

0512-57350888 0512-57370910 www.sgs.com.cn
0512-51257350888 0512-51257370910 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3690MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3690MHz_Inner_1RB_Right

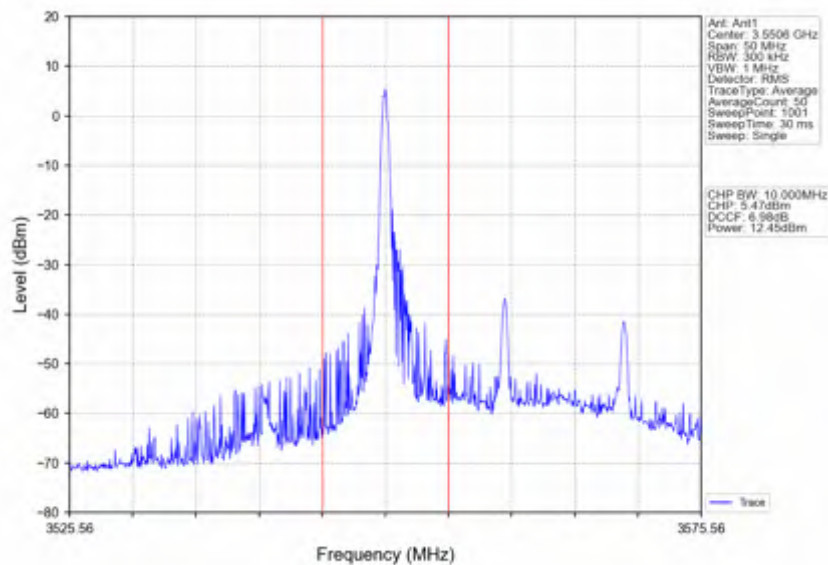


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

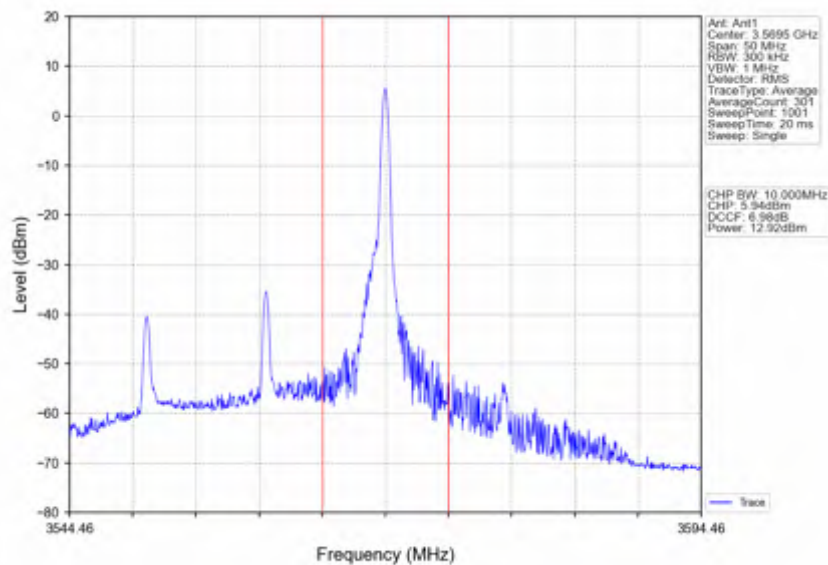
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3560.01MHz_Edge_1RB_Left



n78d 15kHz SISO NTNv 20MHz CP-OFDM QPSK 3560.01MHz Edge 1RB Right

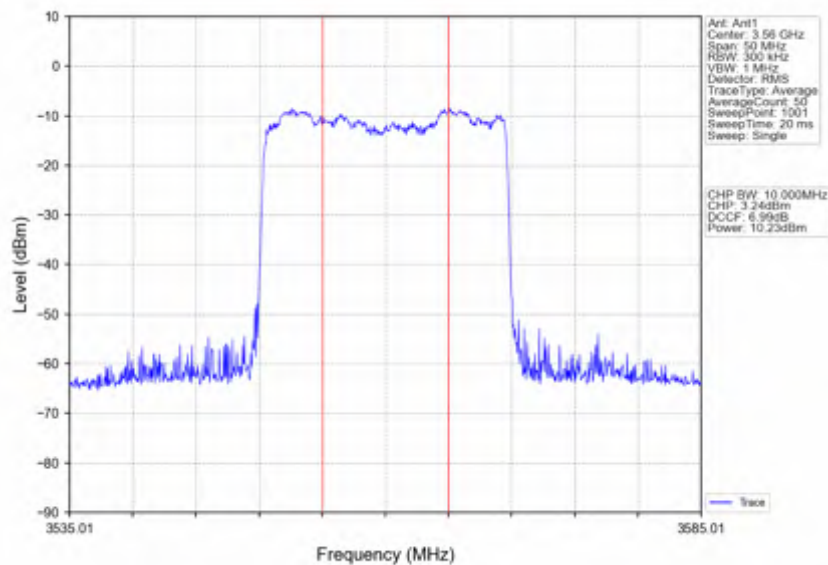


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

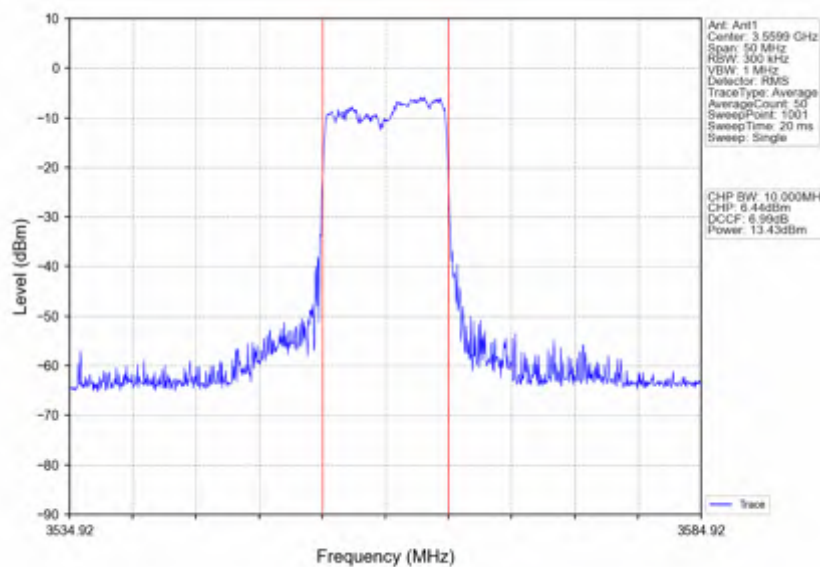
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3560.01MHz_Outer_Full



n78d	15kHz	SISO	NTNV	20MHz	CP-OFDM	QPSK	3560.01MHz	Inner	Full
------	-------	------	------	-------	---------	------	------------	-------	------

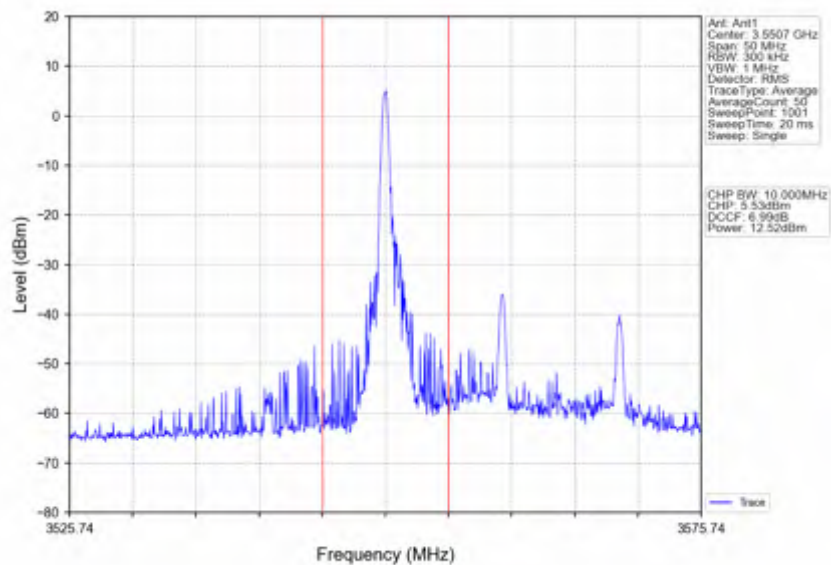


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in the instructions and is not intended to be, nor shall it be, construed as a guarantee or warranty of any kind. The Company's intervention is not intended to be, nor shall it be, construed as an endorsement or approval 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

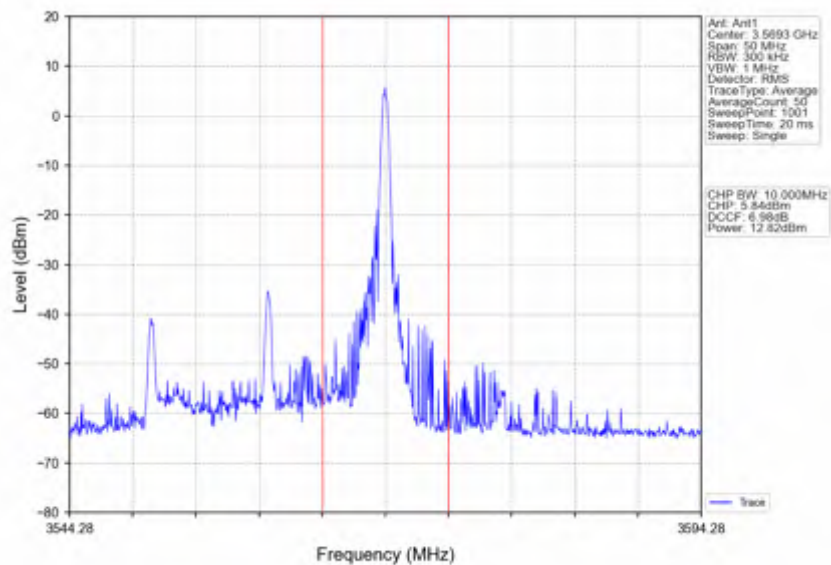
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d 15kHz SISO NTV 20MHz CP-OFDM QPSK 3560.01MHz Inner 1RB Left



n78d 15kHz SISO NTV 20MHz CP-OFDM QPSK 3560.01MHz Inner 1RB Right

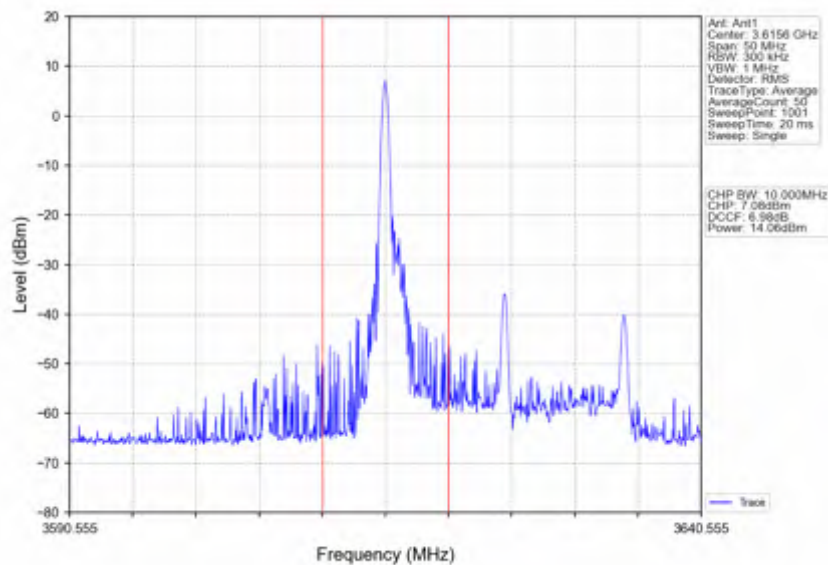


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in the instructions and is without prejudice, 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 report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

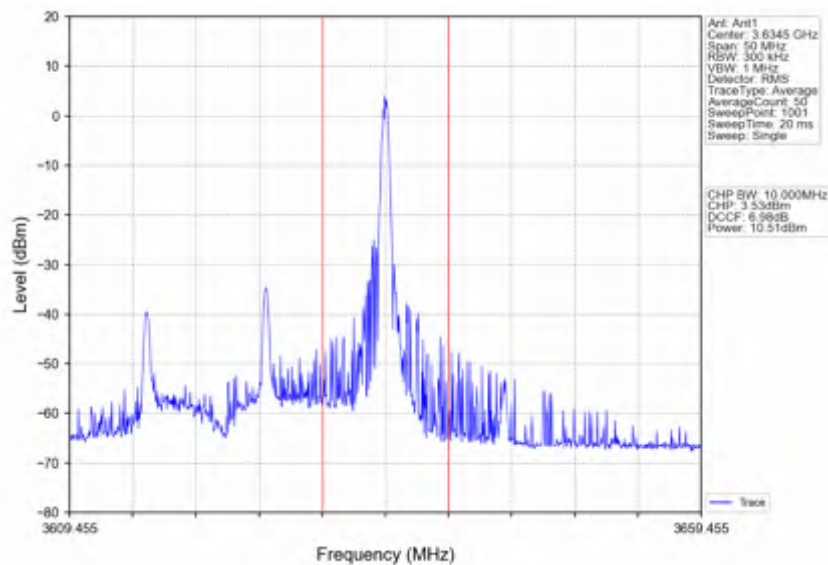
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3625.005MHz_Edge_1RB_Right

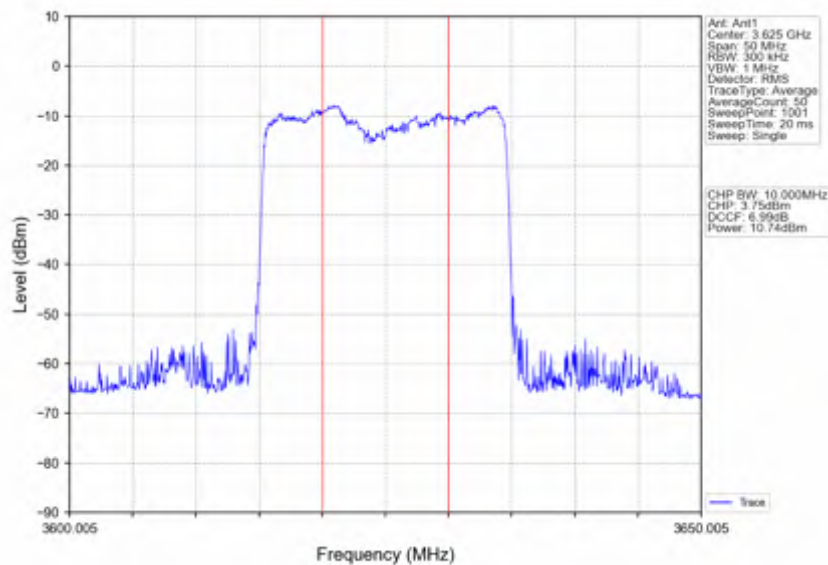


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/ETSI%20Terms%20and%20Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their own responsibility. The Company's liability is limited to the amount of the fee actually paid to the Company for the service, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. etsi@etsi.com or <tel:+352437342000> for testing enquiries and sample collection and/or contact at any time. www.etsi.com for more information. [05/2019]

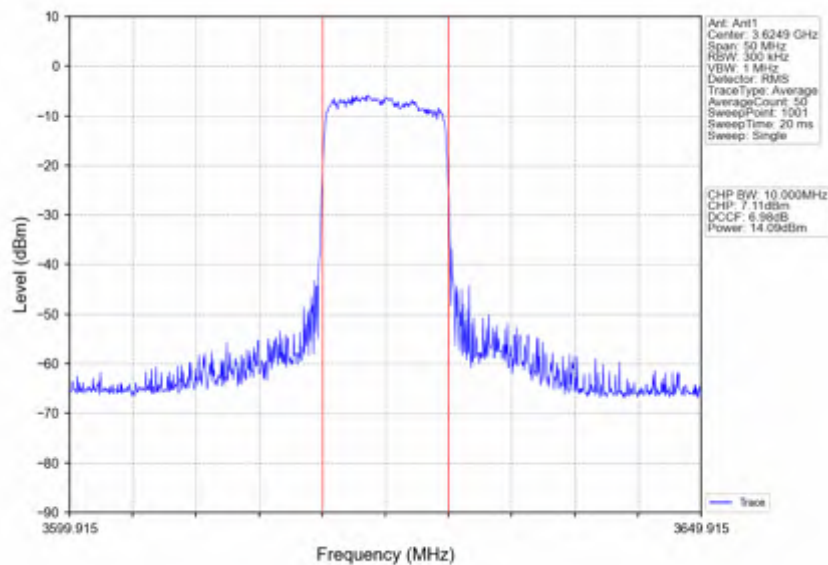
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737001 www.sgsgroup.com.cn
086-5125735688 086-5125737001 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3625.005MHz_Inner_Full

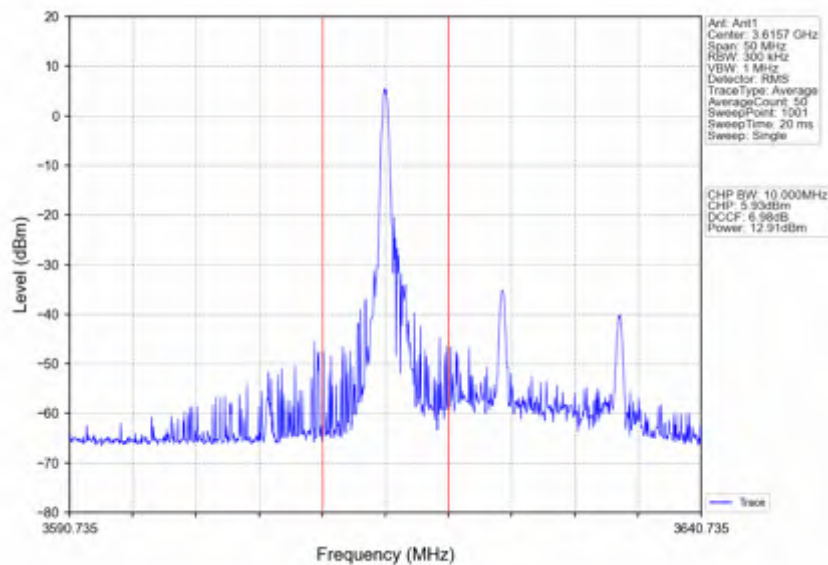


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/ETSI-Products-and-Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error, if reported, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. etsi@etsi.com or <tel:+352437342000> for testing enquiries and sample collection and/or contact at any time. www.etsi.com for more information. [05/2019]

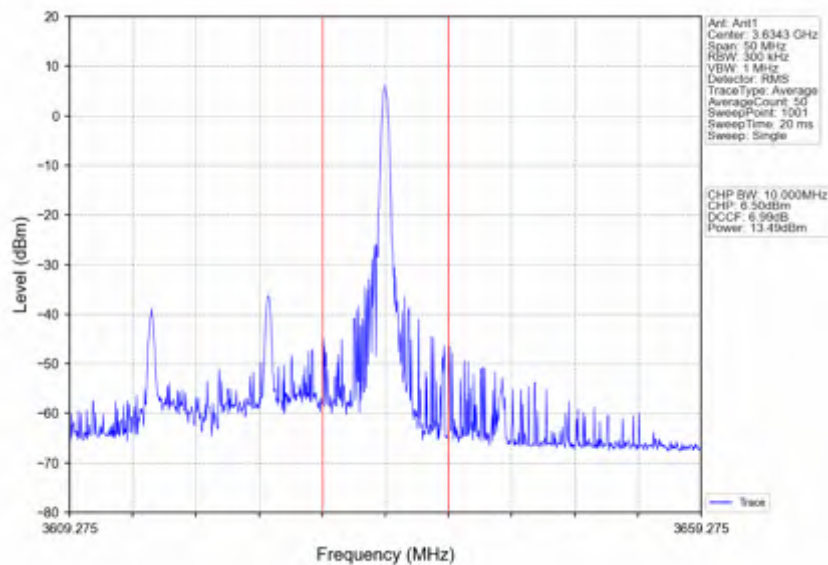
中国·江苏·昆山市周庄生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3625.005MHz_Inner_1RB_Right

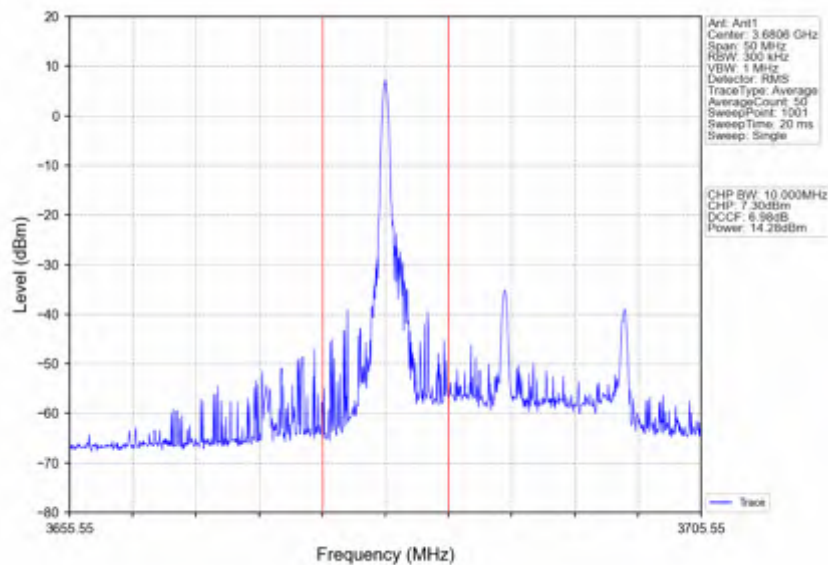


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.usc.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.usc.com/en/Terms-and-Conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of its legal and professional responsibility. The Company does not accept any liability for any loss or damage arising from any 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 last report refer only in the sample(s) tested and such sample(s) are retained for 30 days only.

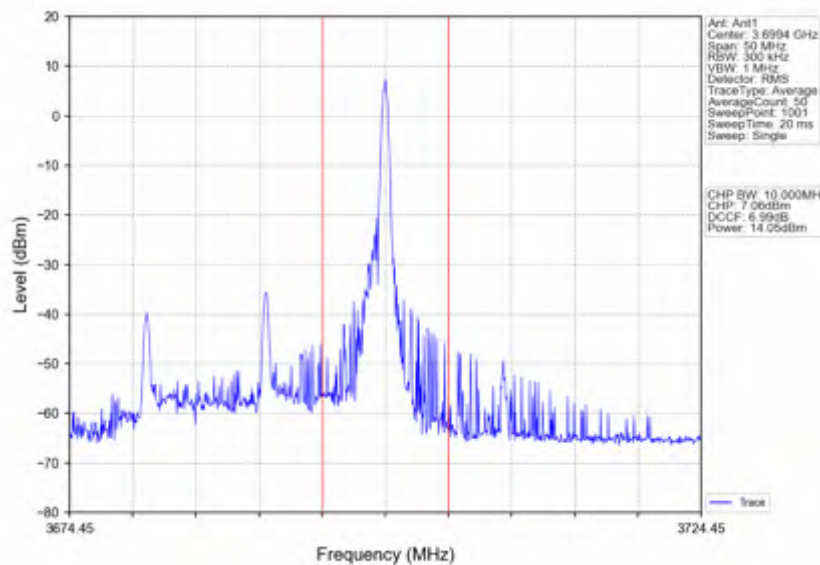
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

86-5125735688 86-5125737011 www.sgschina.com.cn
86-5125735688 86-5125737011 sgs.china@sgs.com

n78d 15kHz SISO NTNv 20MHz CP-OFDM QPSK 3690MHz Edge 1RB Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3690MHz_Edge_1RB_Right

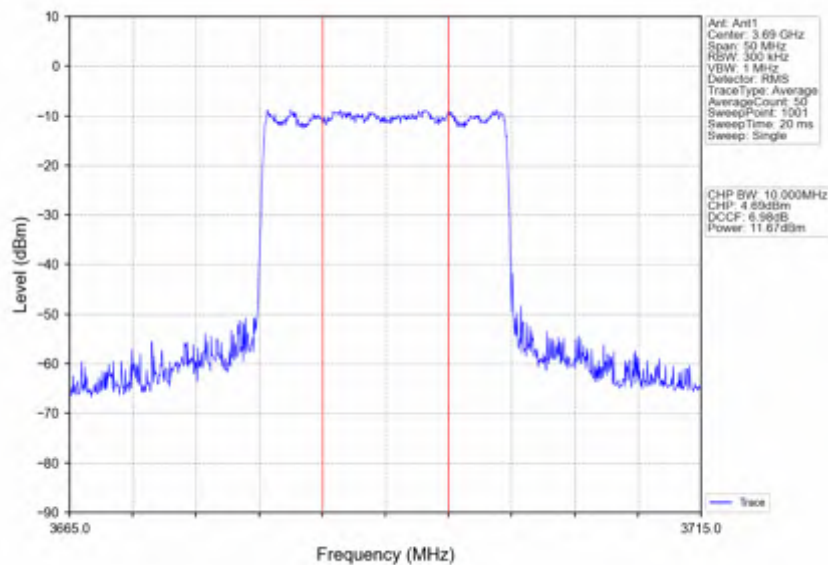


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 samples shown in this report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

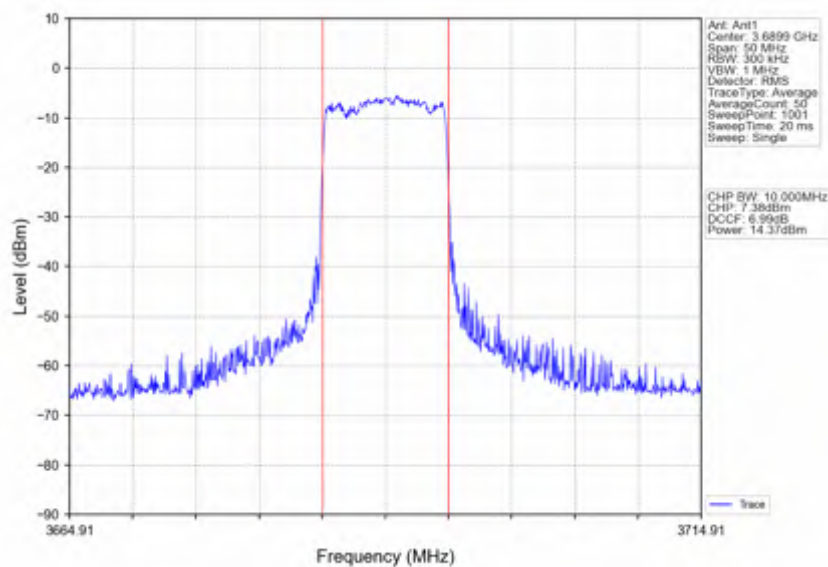
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3690MHz_Outer_Full



n78d 15kHz SISO NTV 20MHz CP-OFDM QPSK 3690MHz Inner Full

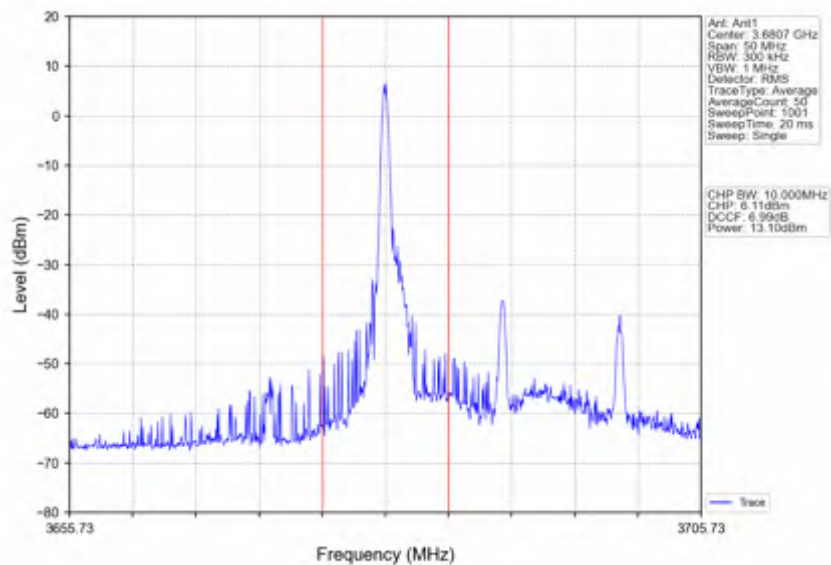


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed
overleaf, available on request or accessible at <http://www.egg.com.au/Terms-and-Conditions.aspx> and, for electronic format documents
subject to Terms and Conditions for Electronic Documents at <http://www.egg.com.au/terms-and-conditions/Terms-a-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 herein 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
without 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 report, please contact us at the phone: (853)52997722
or email: CH.00@celtektech.com

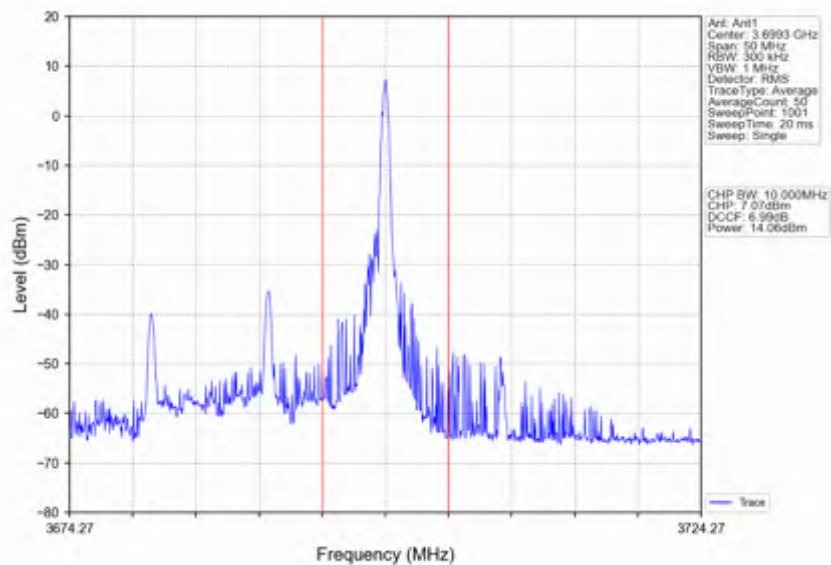
中国·江苏·昆山市周庄学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d 15kHz SISO NTNv 20MHz CP-OFDM QPSK 3690MHz Inner 1RB Left



n78d 15kHz SISO NTN 20MHz CP-OFDM QPSK 3690MHz Inner 1RB Right



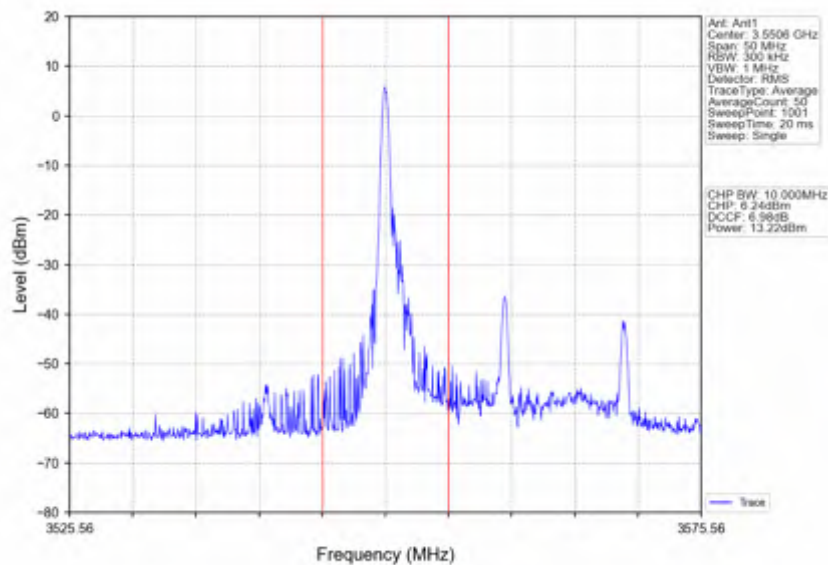
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.egg.com.au/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.egg.com.au/Terms-and-Conditions/Terms-a-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 herein 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, in whole or in part, 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 last 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: (853)52997722 or email: CHD@eggcheck.com.hk

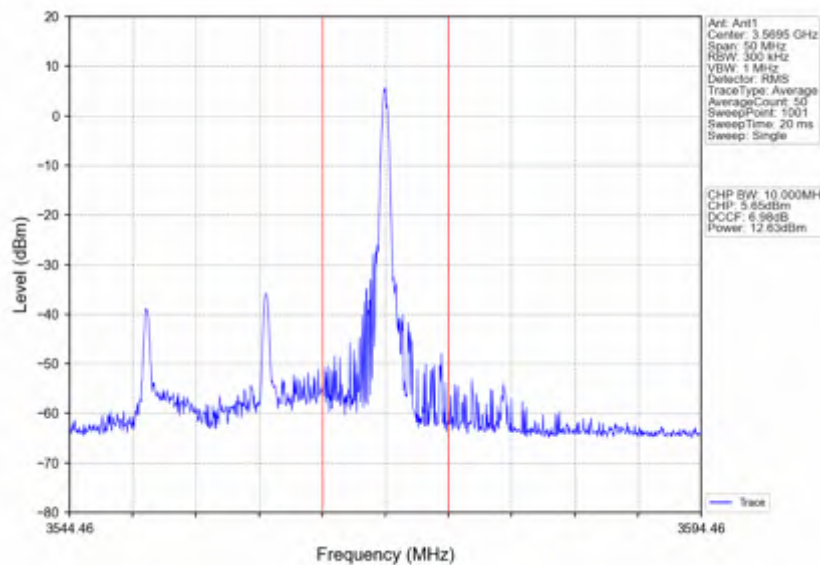
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737091 www.sgsigroup.com.cn
086-5125735688 086-5125737091 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3560.01MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3560.01MHz_Edge_1RB_Right



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-a-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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

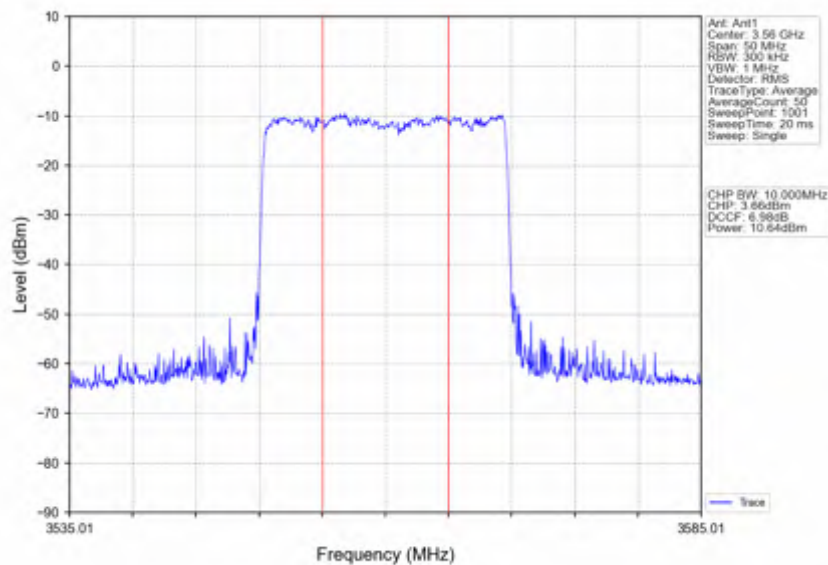
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学生创业园伟业路10号 邮编 215300

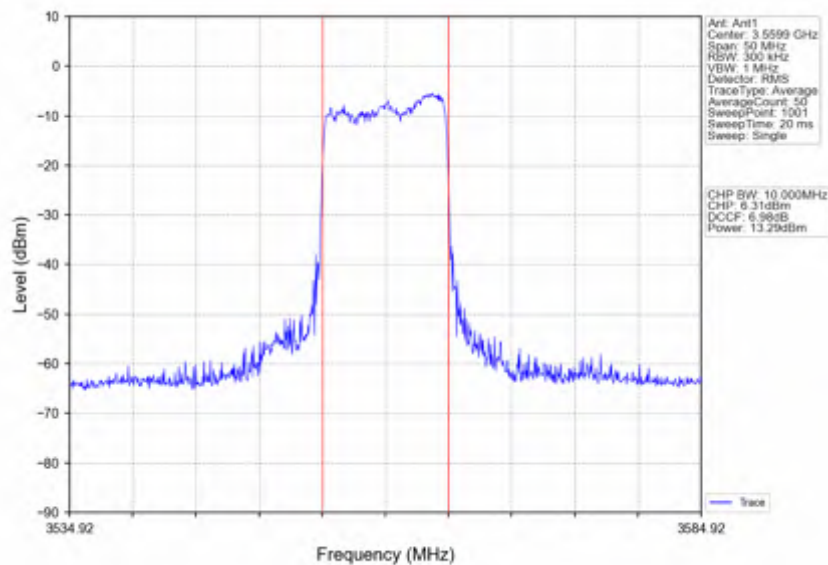
086-5125735088 086-5125737010 www.sgs.com.cn

086-5125735088 086-5125737010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3560.01MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3560.01MHz_Inner_Full

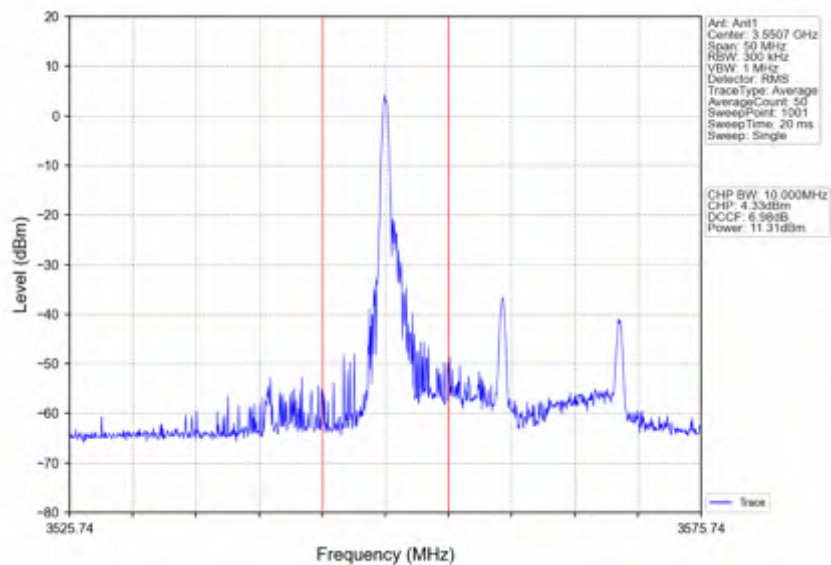


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 samples shown in this report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

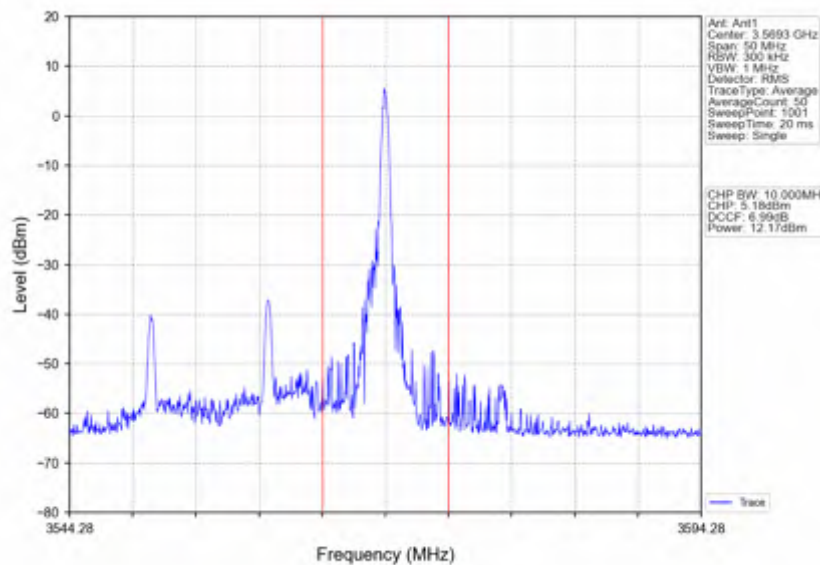
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d 15kHz SISO NTV 20MHz CP-OFDM 16 QAM 3560.01MHz Inner 1RB Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3560.01MHz_Inner_1RB_Right



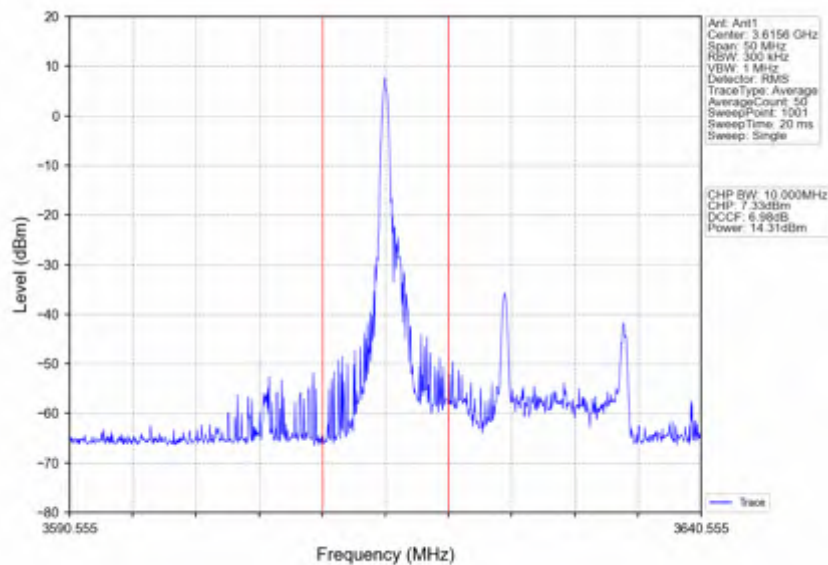
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.egg.com.au/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.egg.com.au/terms-and-conditions/Terms-a-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 herein 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, in whole or in part, 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 last 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: (853)52997722 or email: CHD@opclabtech.com.

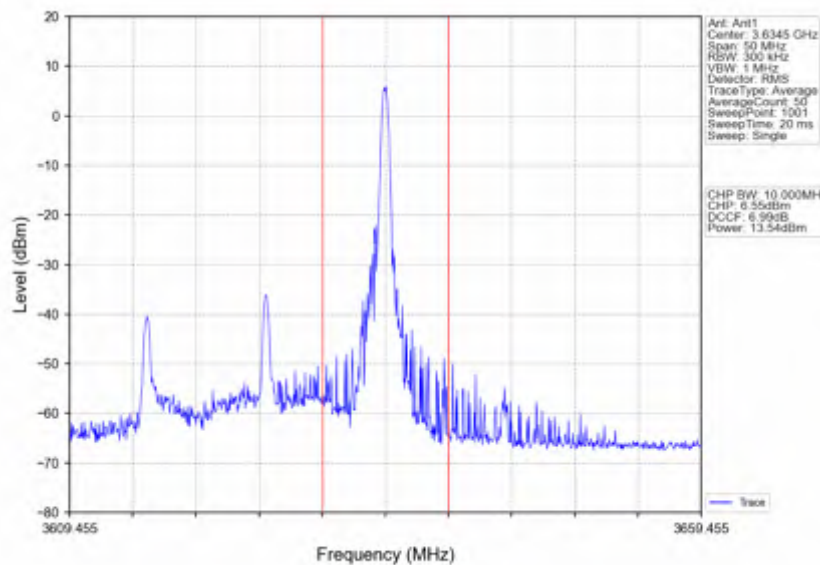
No. 10, Waiye Road, Innovation Park, Keshan, Jiangsu, China 215300
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3625.005MHz_Edge_1RB_Right

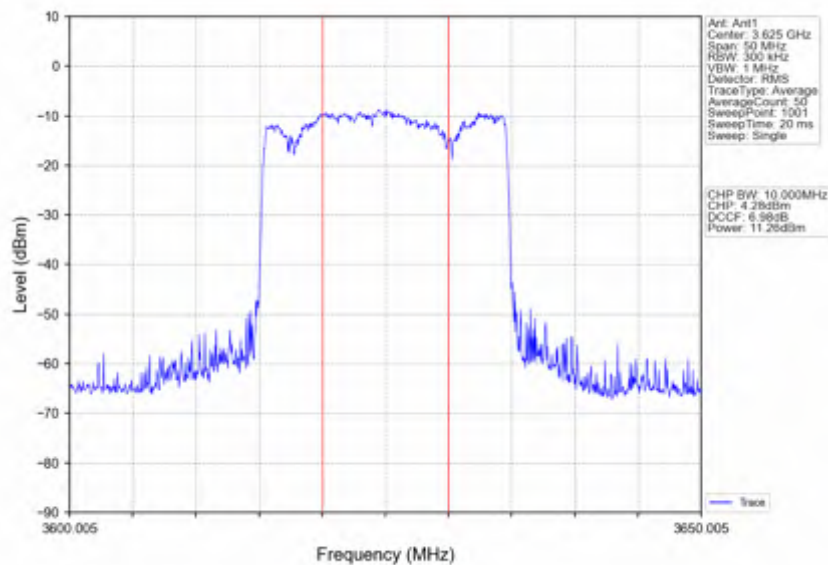


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/ETSI-Products-and-Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error, if reported, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the ETSI Customer Service at etsi.serv@etsi.org or [+3333707417000](tel:+3333707417000).

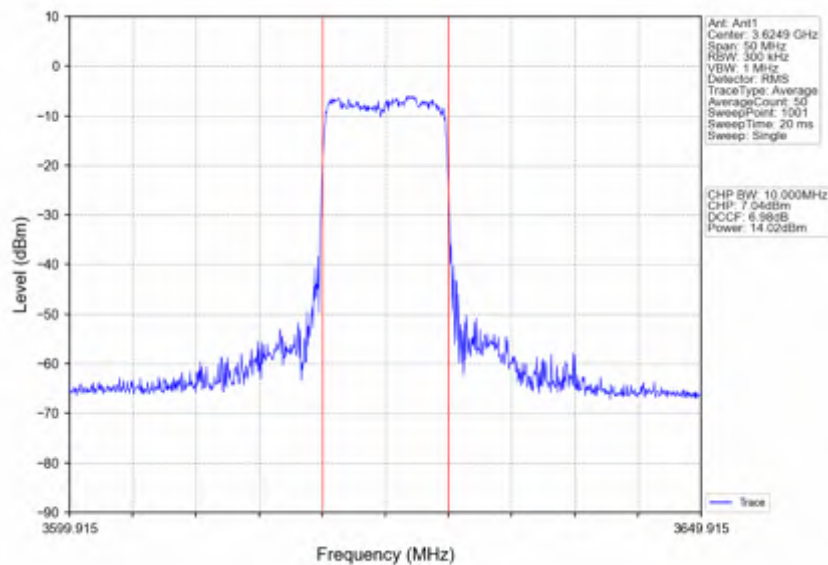
中国·江苏·昆山市留學生創業園偉業路10號 郵編 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3625.005MHz_Outer_Full



n78d	15kHz	SISO	NTNV	20MHz	CP-OFDM	16 QAM	3625.005MHz	Inner	Full
------	-------	------	------	-------	---------	--------	-------------	-------	------

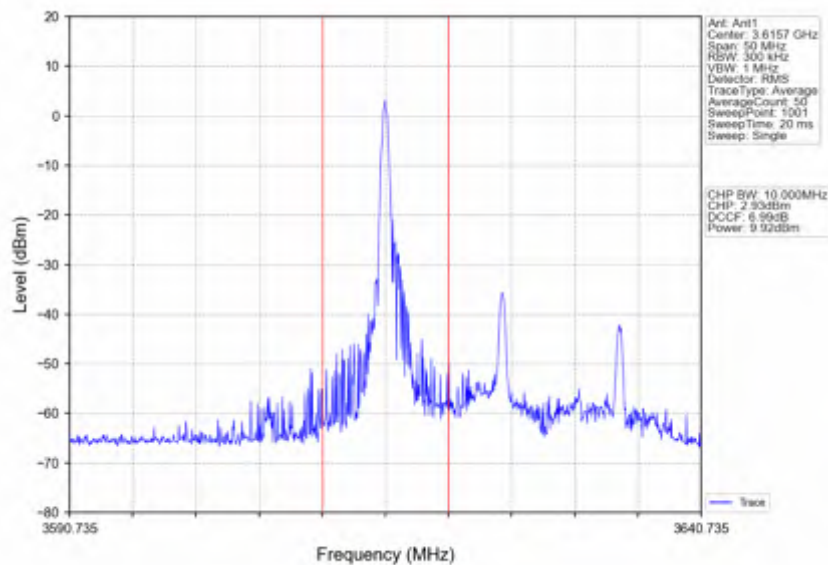


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/Products/Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility for the accuracy of the evidence contained in this document. The Company's liability is limited to the extent permitted 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the Customer Support Centre at info@etsi.com or <tel:+352437342000>.

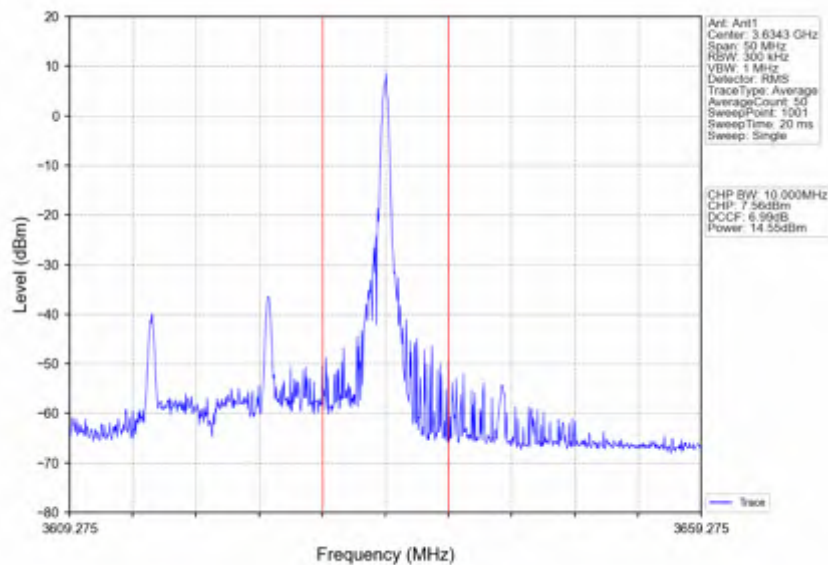
中国·江苏·昆山市周庄学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737091 www.sgsigroup.com.cn
086-5125735688 086-5125737091 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3625.005MHz_Inner_1RB_Right

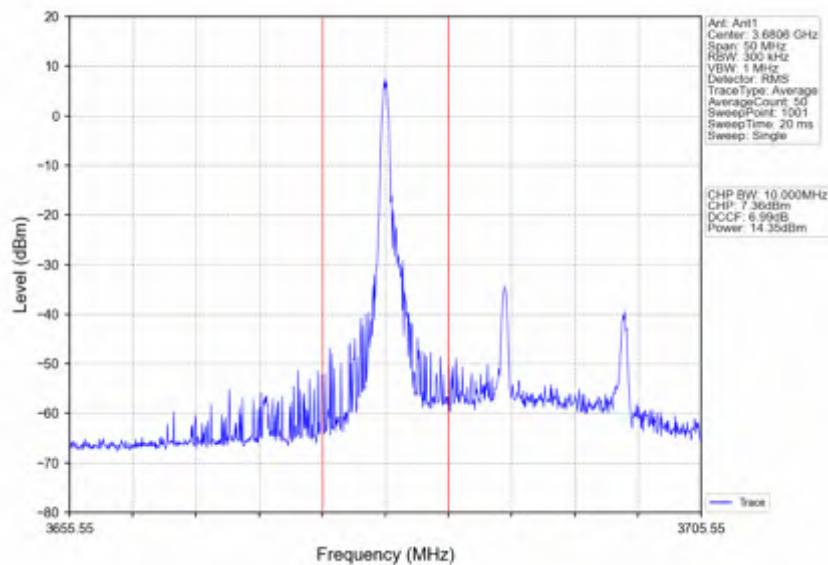


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 samples shown in this fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

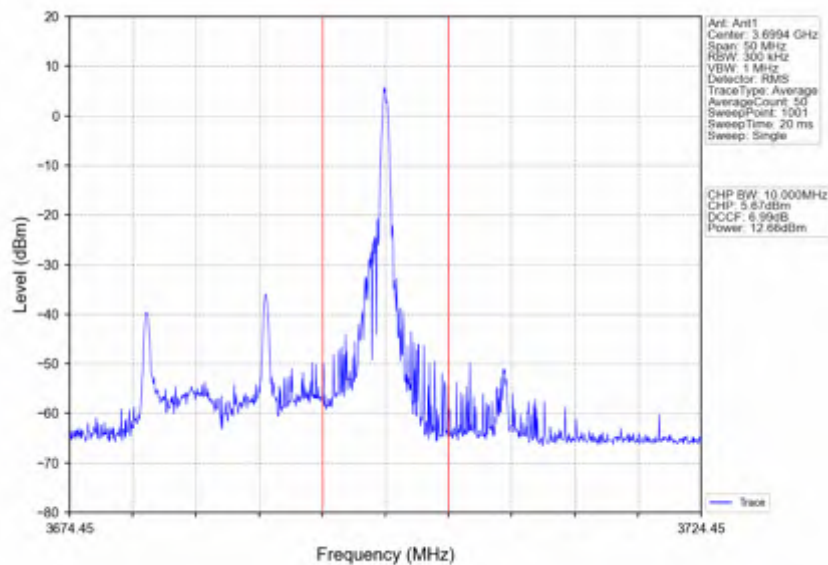
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737091 www.sgsigroup.com.cn
086-5125735688 086-5125737091 sgs.china@sgs.com

n78d 15kHz SISO NTNV 20MHz CP-OFDM 16 QAM 3690MHz Edge 1RB Left



n78d 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 3690MHz Edge 1RB Right

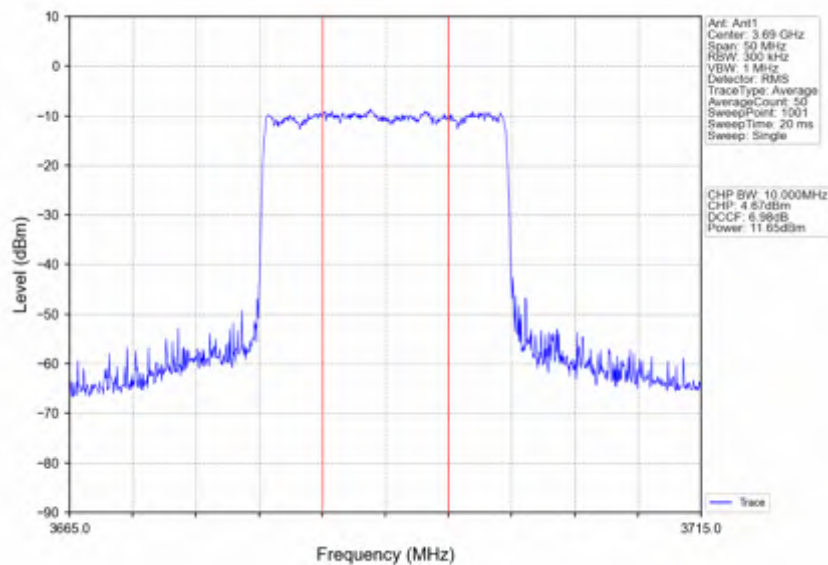


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.org/ETSI/ETSI%20Terms%20and%20Conditions.aspx> and for which the Company is not responsible. The document is subject to Terms and Conditions for Electronic Documents at <http://www.etsi.org/ETSI/ETSI%20Terms%20and%20Conditions/Terms%20Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's findings are contained in the document and are not to be used in evidence, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the Company's testing methods and reports contact the Company at info@etsi.com or <tel:+352437341000>.

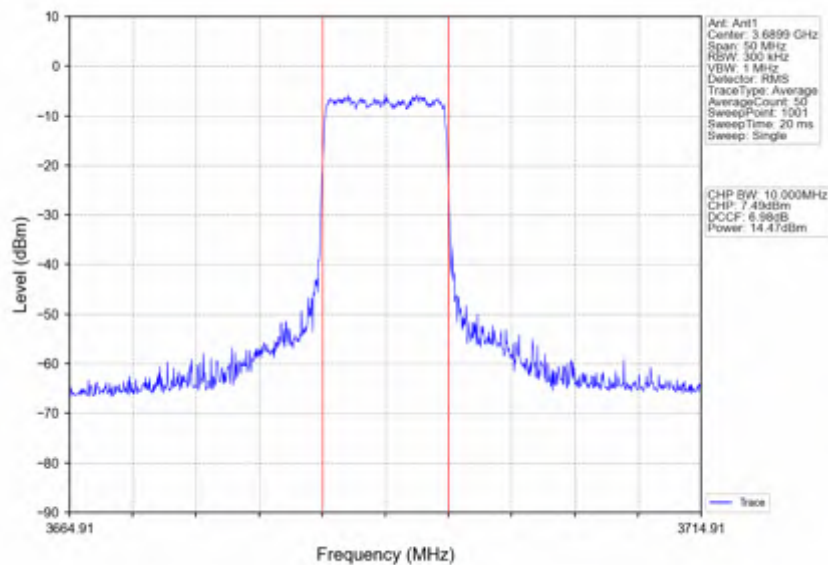
中国·江苏·昆山市周庄生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737001 www.sgsigroup.com.cn
086-5125735688 086-5125737001 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3690MHz_Outer_Full



n78d_15kHz_SISO_NTV_20MHz_CP-OFDM_16_QAM_3690MHz_Inner_Full

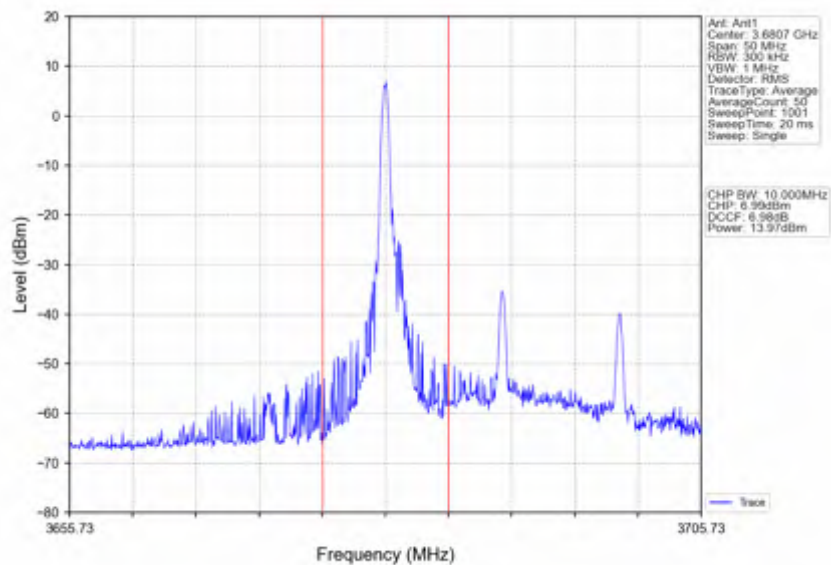


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/Term-and-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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 samples shown in this fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

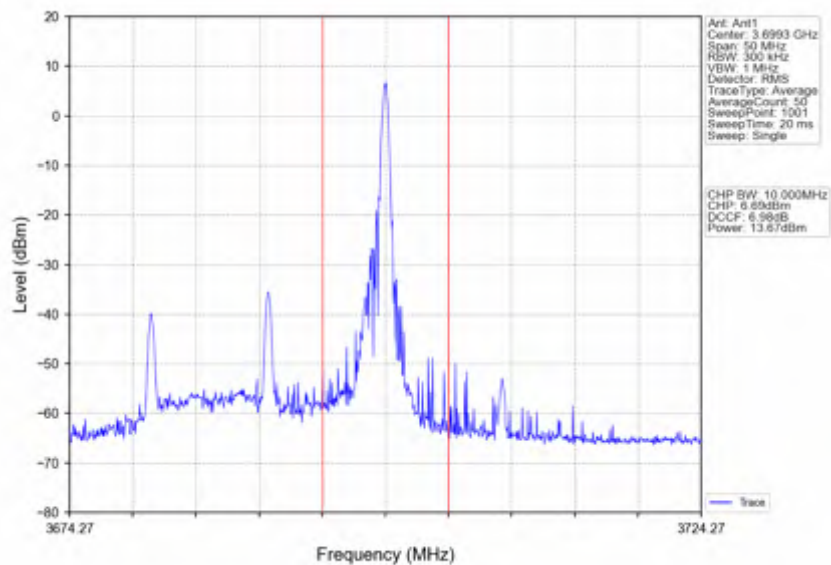
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737091 www.sgsgroup.com.cn
086-5125735688 086-5125737091 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3690MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3690MHz_Inner_1RB_Right

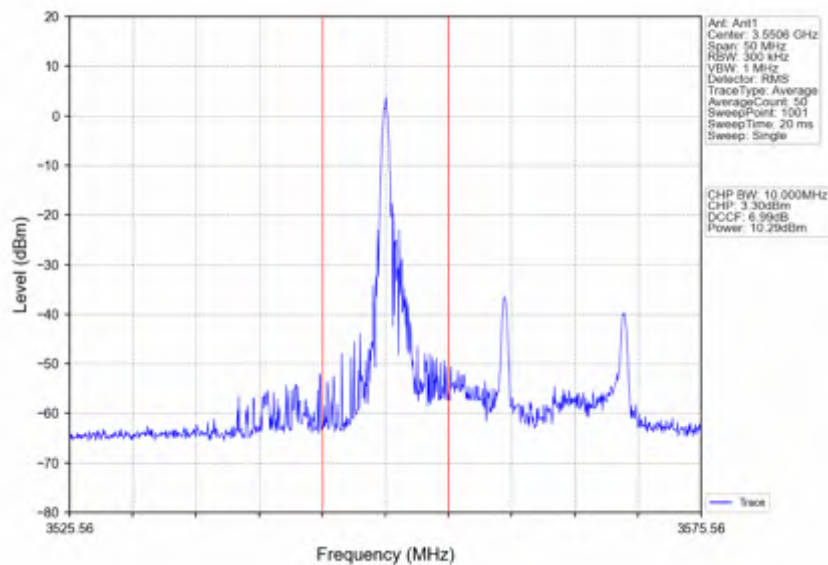


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.usc.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.usc.com/en/Terms-and-Conditions/Terms-a-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 its instructions, if any. The Company's sole responsibility is to its client and this document is not to be made available to any third party without the Company's prior written approval. The Company's documents, documents and documents are not to be reproduced, copied or distributed in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, 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. info@usc.com or www.usc.com for testing details and contact details. info@usc.com or www.usc.com for more information.

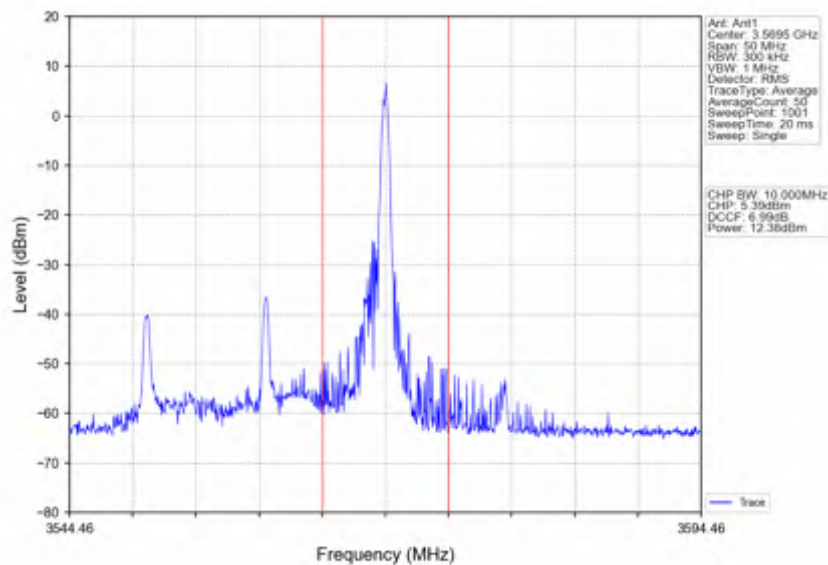
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3560.01MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3560.01MHz_Edge_1RB_Right



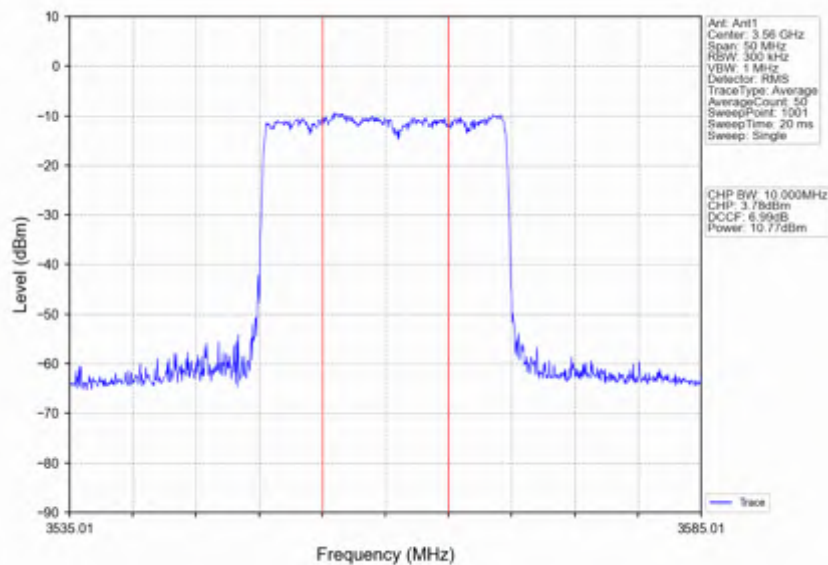
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 certification report & certificate, please connect us at sgs@sgs.com or sgs@sgs.com or email: CN-Check@sgs.com.

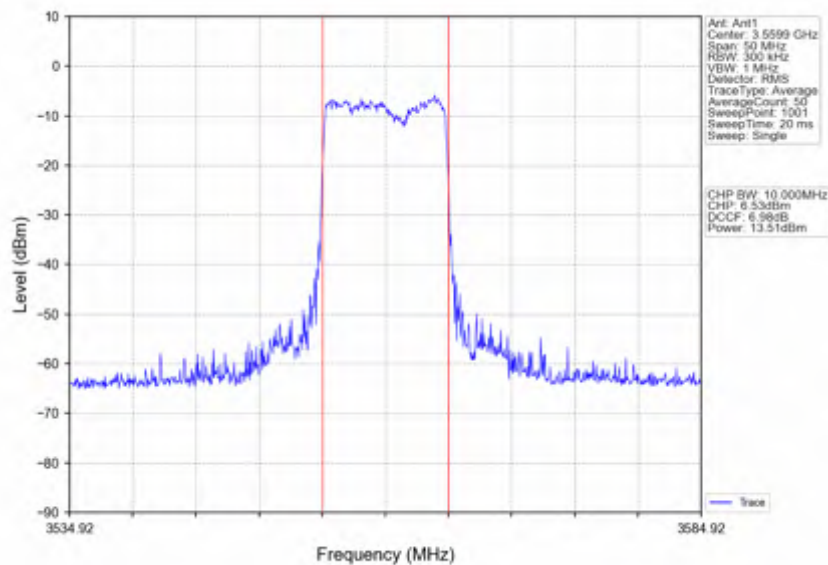
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

0512-57350888 0512-57370910 www.sgs.com.cn
0512-57350883 0512-57370911 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3560.01MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3560.01MHz_Inner_Full



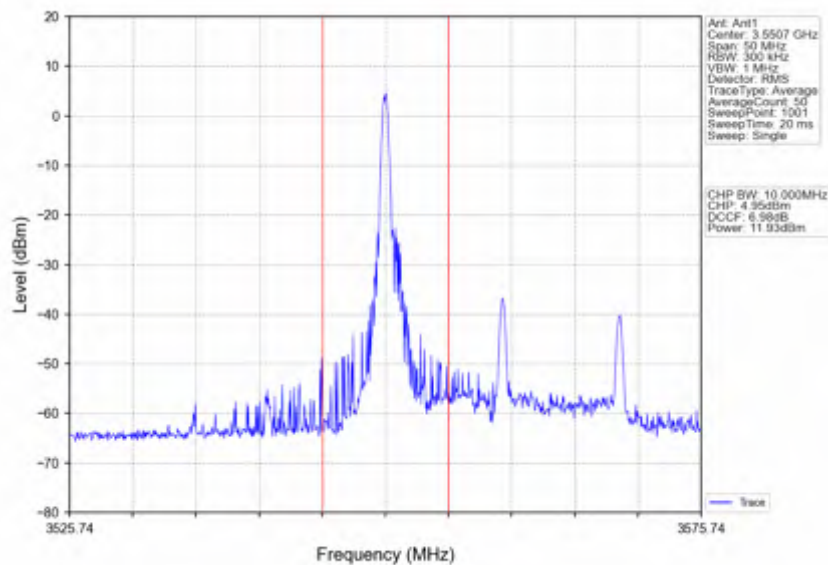
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 its instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from their obligations under applicable law. This document, once signed, cannot be altered or modified without express consent 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.

Unauthenticated Downloaded from <https://www.sgs.com/en>

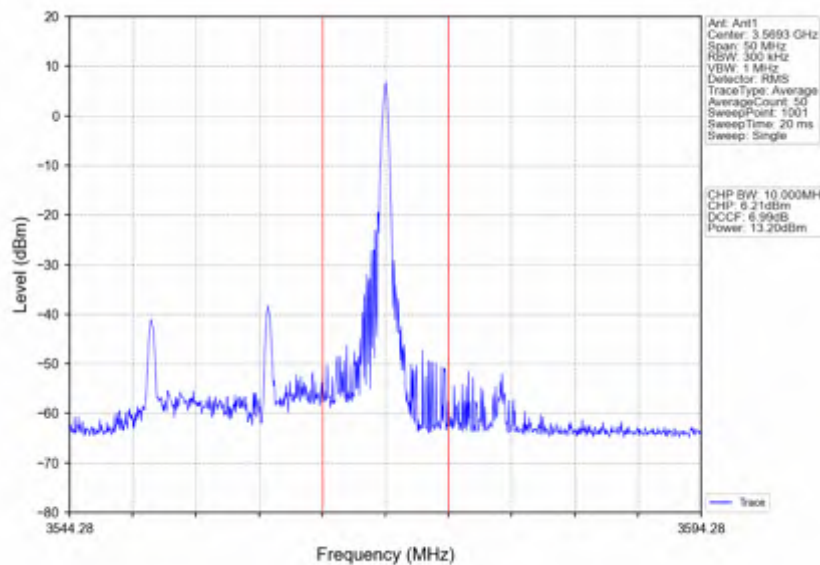
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3560.01MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3560.01MHz_Inner_1RB_Right

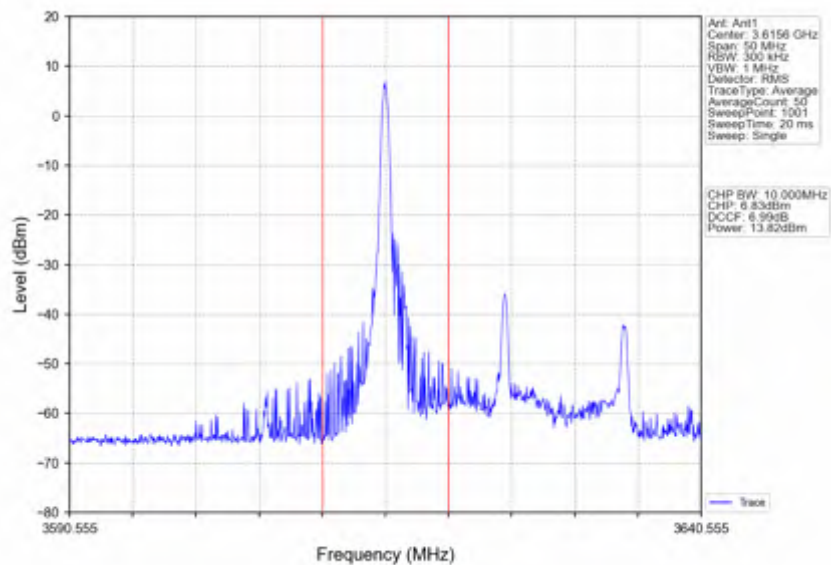


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 samples shown in this fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

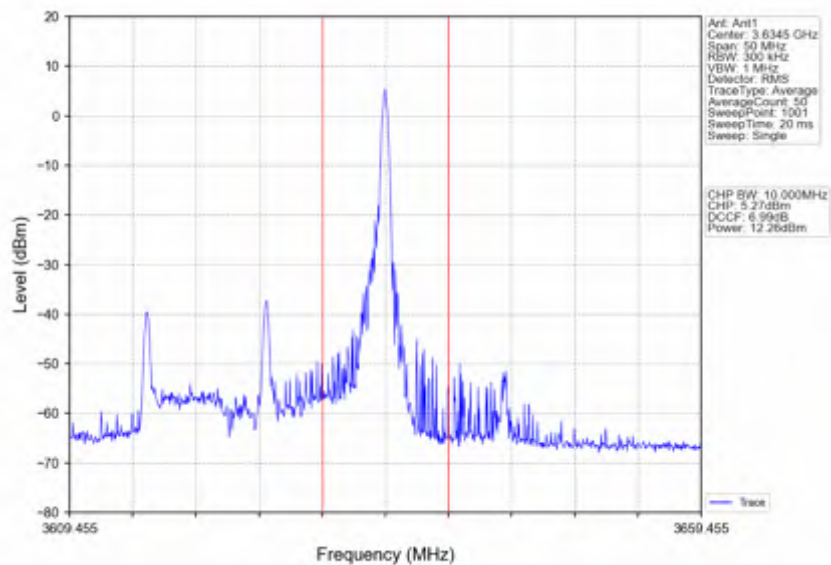
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737091 www.sgsigroup.com.cn
086-5125735688 086-5125737091 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3625.005MHz_Edge_1RB_Right

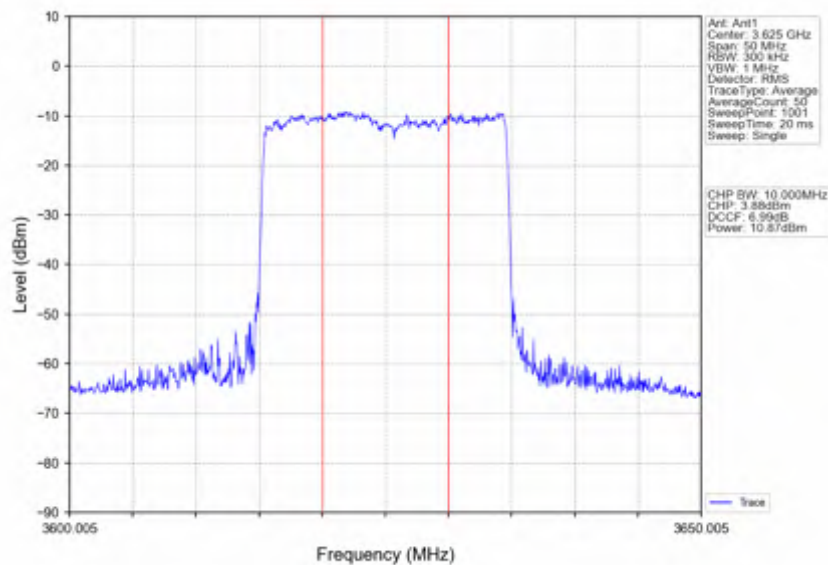


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/ETSI-Products-and-Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error, if reported, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the ETSI Customer Support Office at ETSI-CSI@etsi.fr or [+3333707417000](tel:+3333707417000).

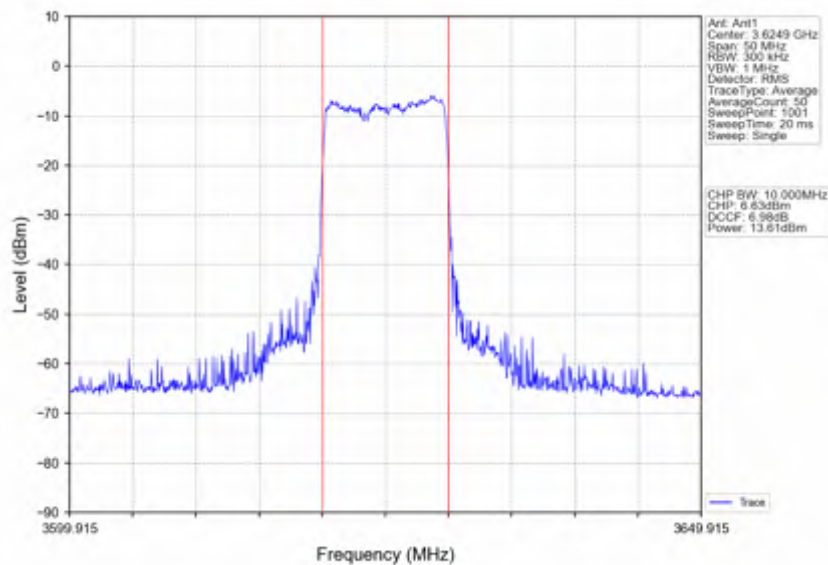
中国·江苏·昆山市留學生創業園偉業路10號 郵編 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3625.005MHz_Inner_Full

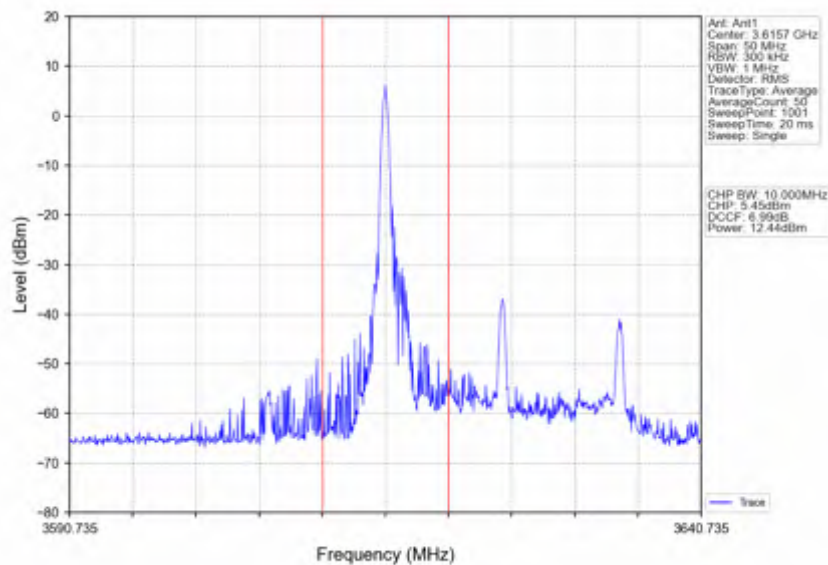


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.usc.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.usc.com/en/Terms-and-Conditions/Terms-a-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 its instructions, if any. The Company's sole responsibility is to its client and this document is not to be made available to any third party without the Company's prior written approval. The Company's documents, documents and/or reports are confidential and may be subject to legal proceedings. 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 last report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

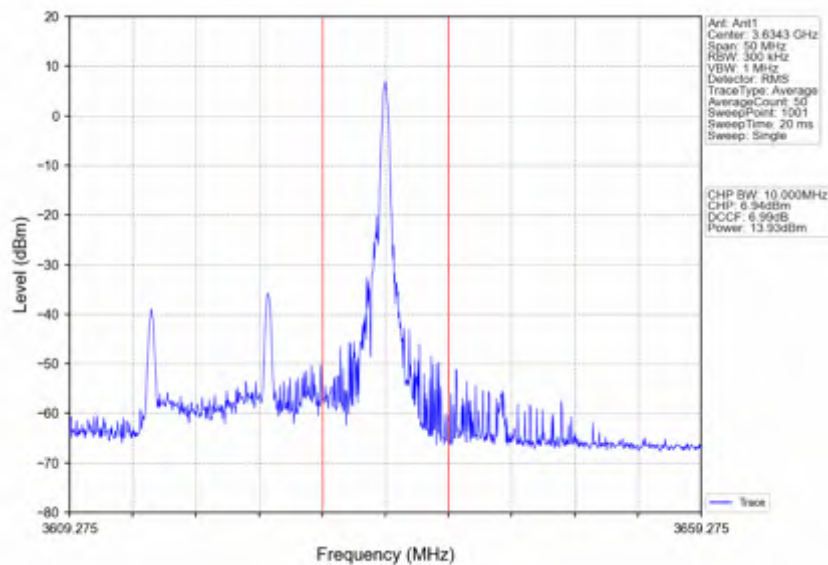
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3625.005MHz_Inner_1RB_Right



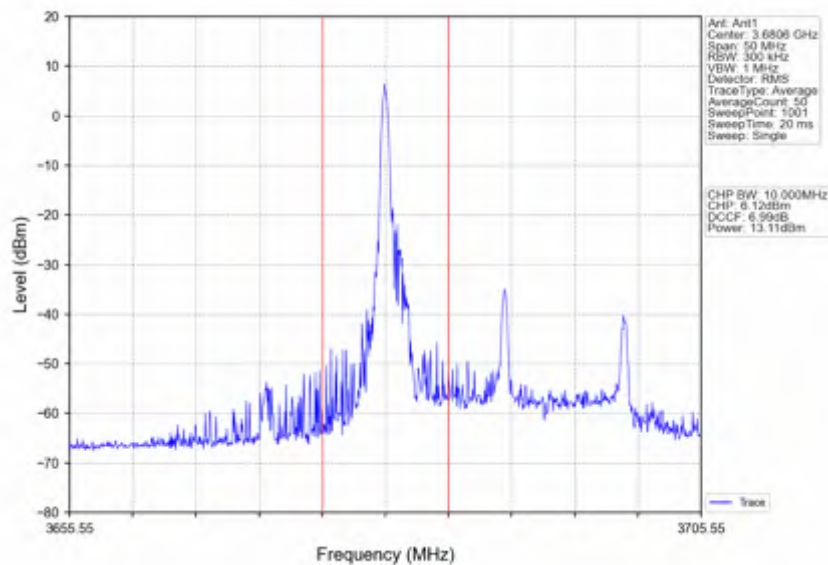
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 certification report & certificate, please connect us at sgs@sgs.com (86-512) 57370000 or email: CN-Online@sgs.com.

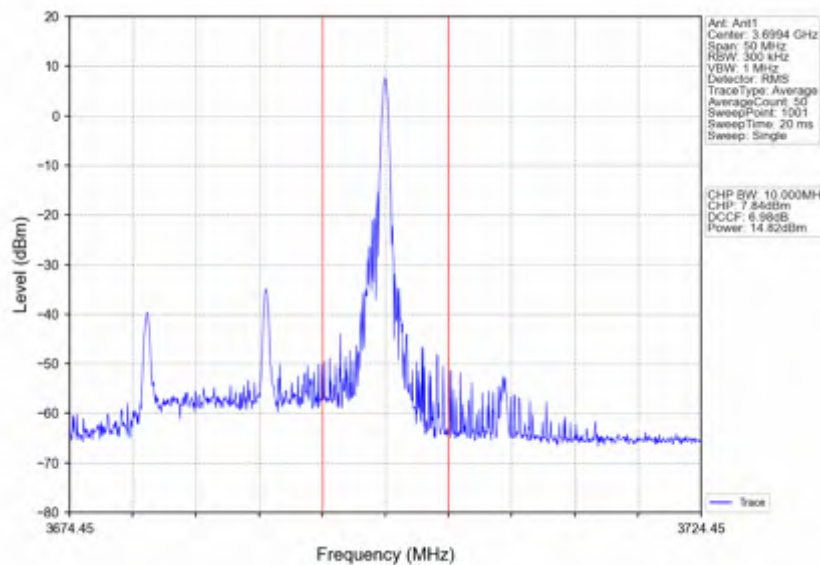
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

086-51257350888 086-51257370000 www.sgs.com.cn
086-51257350888 086-51257370000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3690MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3690MHz_Edge_1RB_Right



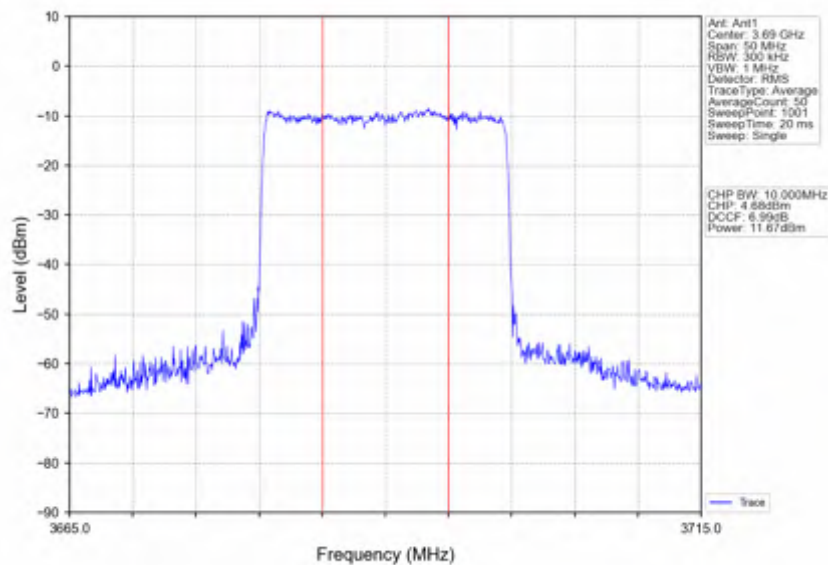
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 certification report & certificate, please connect us at sgs@sgs.com or sgs@sgs.com or email: CN-Office@sgs.com.

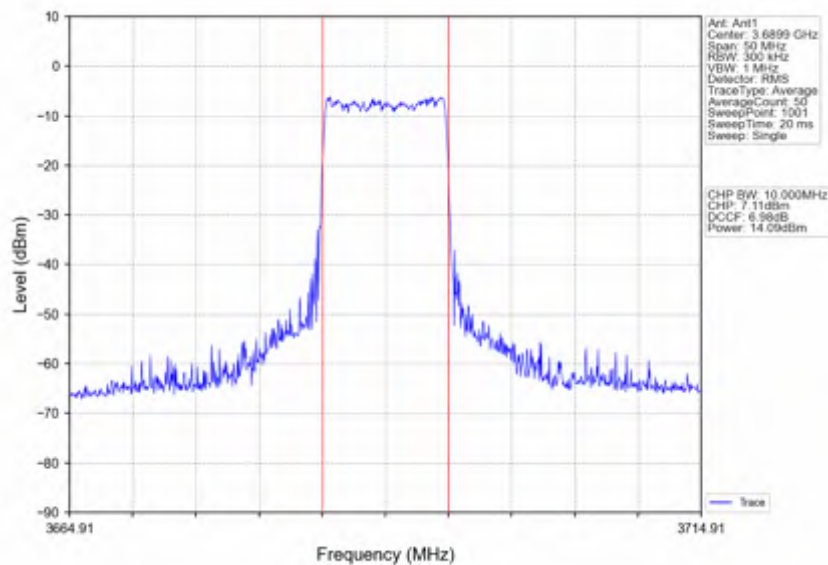
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

0512-51257350888 0512-51257370111 www.sgs.com.cn
0512-51257350888 0512-51257370111 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3690MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3690MHz_Inner_Full

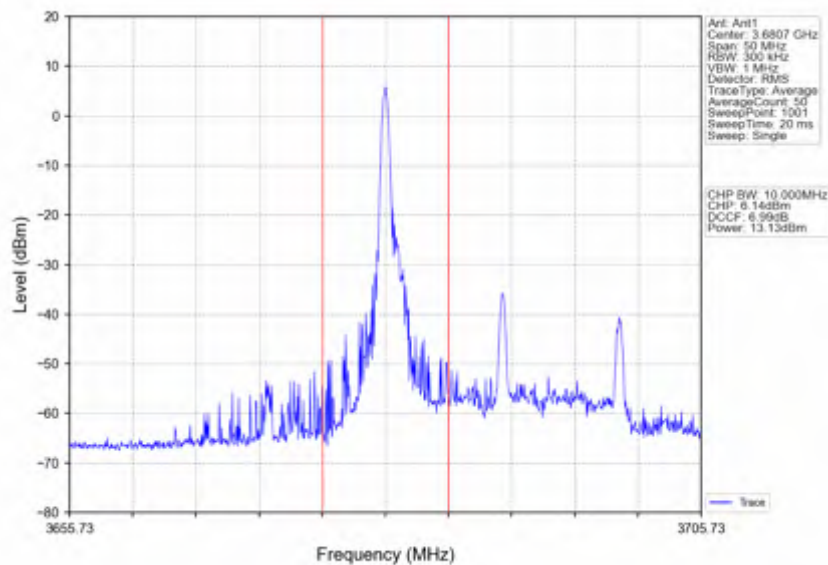


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/ETSI+Terms+and+Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/ETSI+Terms+and+Conditions+Terms+Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's findings are contained in the document and are not to be reproduced, in whole or in part, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the Company at info@etsi.com or <tel:+352437342000>.

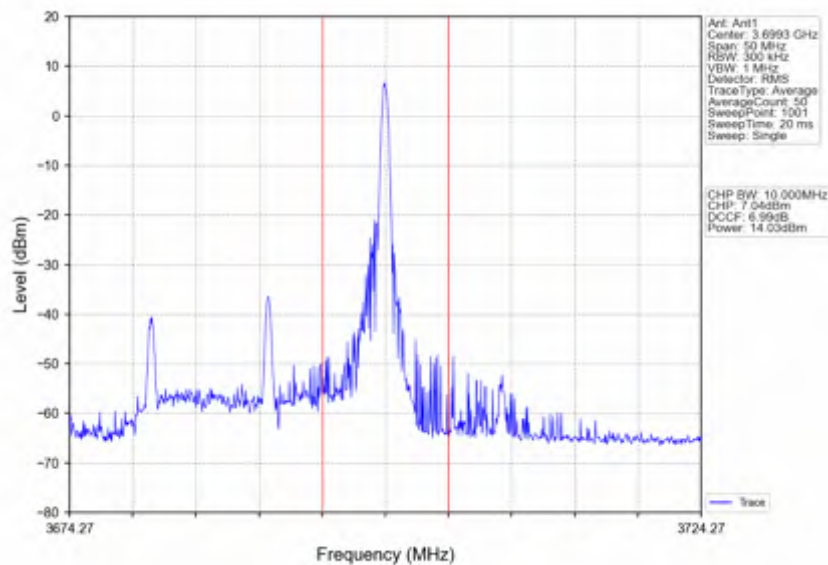
中国·江苏·昆山市周庄生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d 15kHz SISO NTN 20MHz CP-OFDM 64 QAM 3690MHz Inner 1RB Left



n78d 15kHz SISO NTV 20MHz CP-OFDM 64 QAM 3690MHz Inner 1RB Right

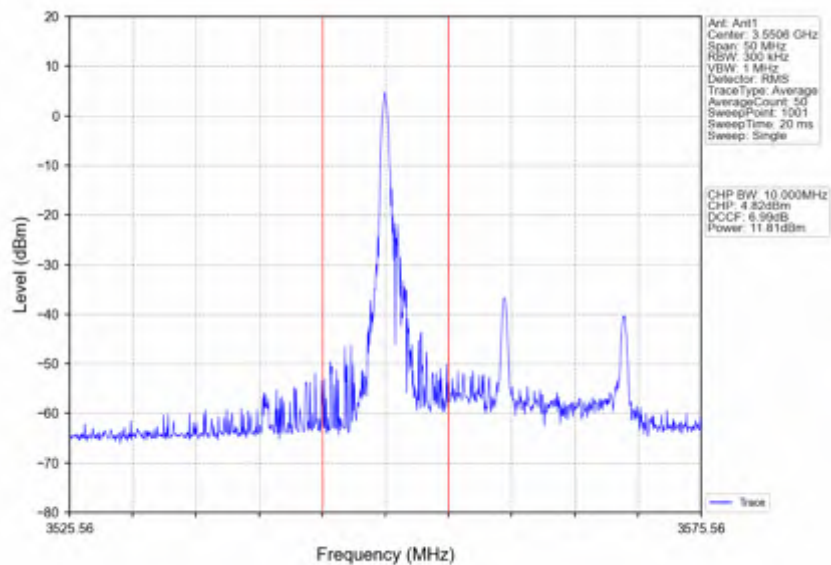


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/ETSI-Products-and-Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error, if reported, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. etsi@etsi.com or <tel:+352437342000> for testing enquiries and sample collection and/or contact at any time. www.etsi.com for more information. [05/2019]

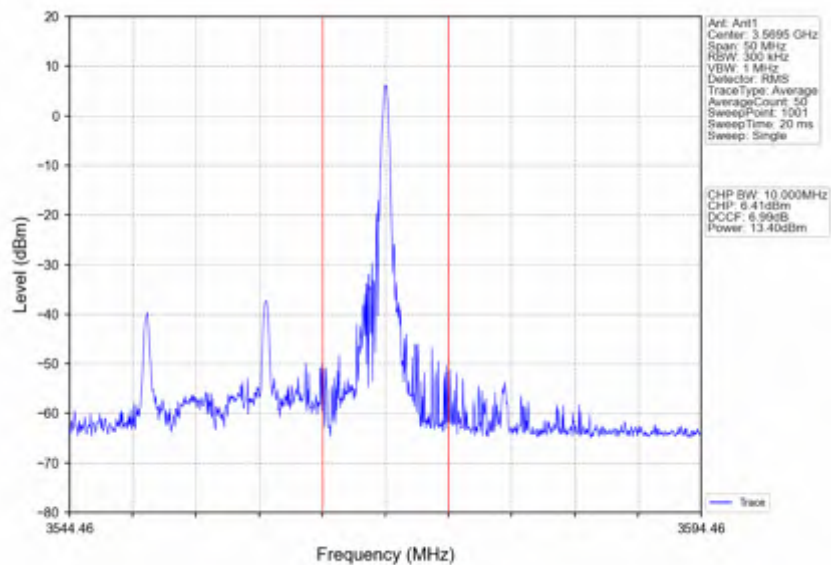
中国·江苏·昆山市留學生創業園偉業路10號 郵編 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3560.01MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3560.01MHz_Edge_1RB_Right

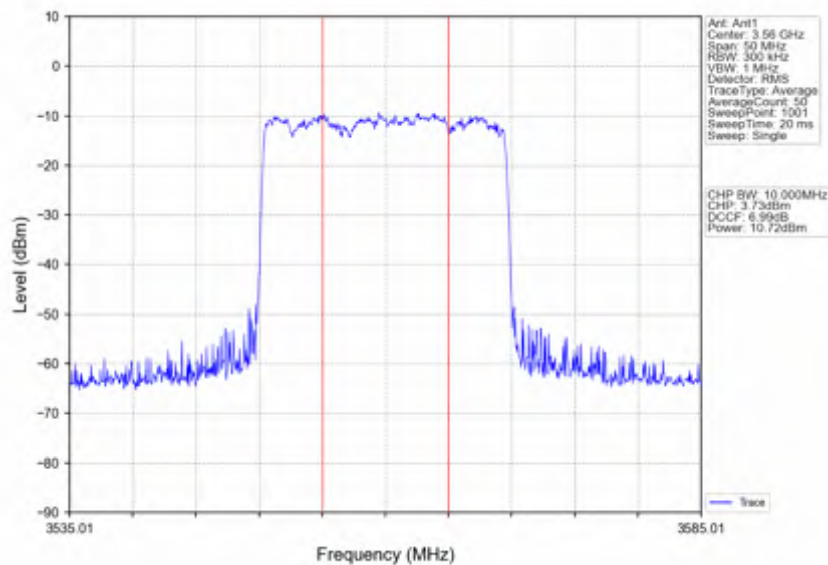


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/Products/ETSI%20Products%20and%20Conditions> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error, if reported, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. etsi@etsi.com or <tel:+352437342000> for testing enquiries and sample collection and delivery contact at any time. www.etsi.com for more information. [05/2019]

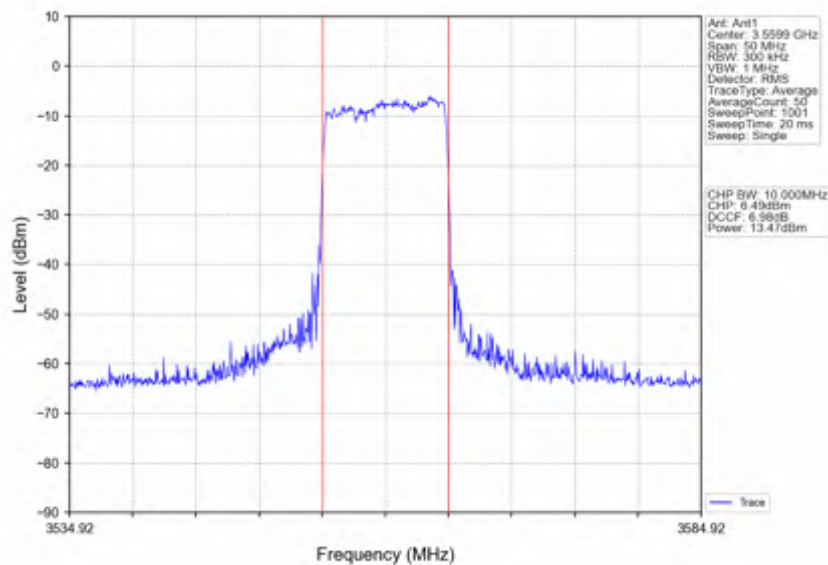
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

086-5125735688 086-5125737091 www.sgsigroup.com.cn
086-5125735688 086-5125737091 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3560.01MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3560.01MHz_Inner_Full



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-a-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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

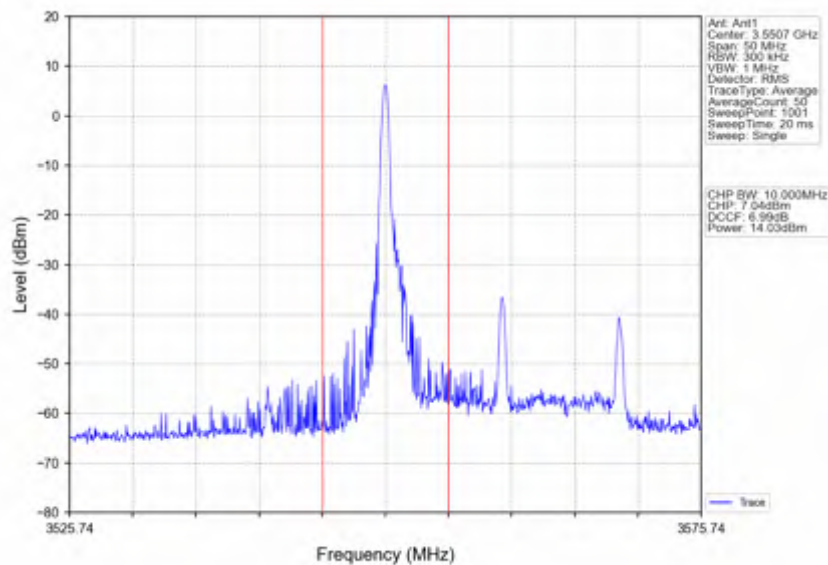
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学生创业园伟业路18号 邮编 215300

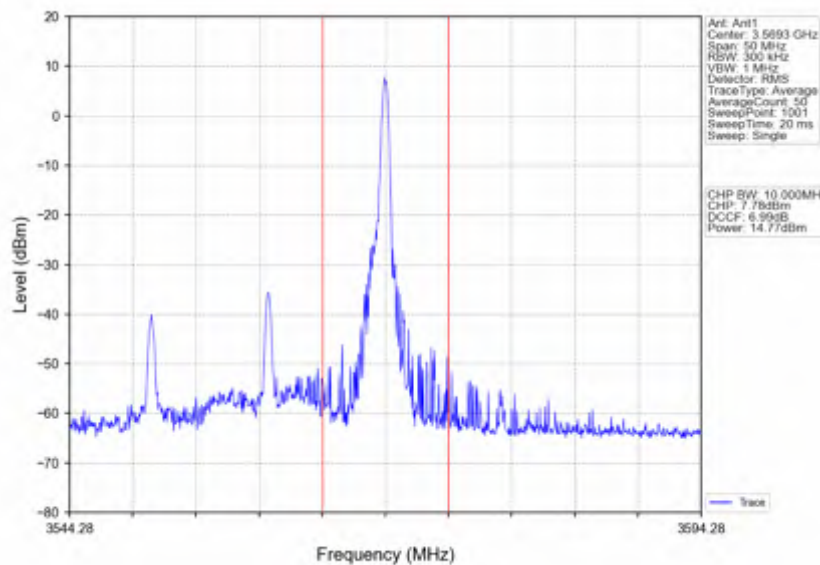
0086-51257350888 006-51257370910 www.sgs.com.cn

0086-51257350888 006-51257370910 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3560.01MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3560.01MHz_Inner_1RB_Right

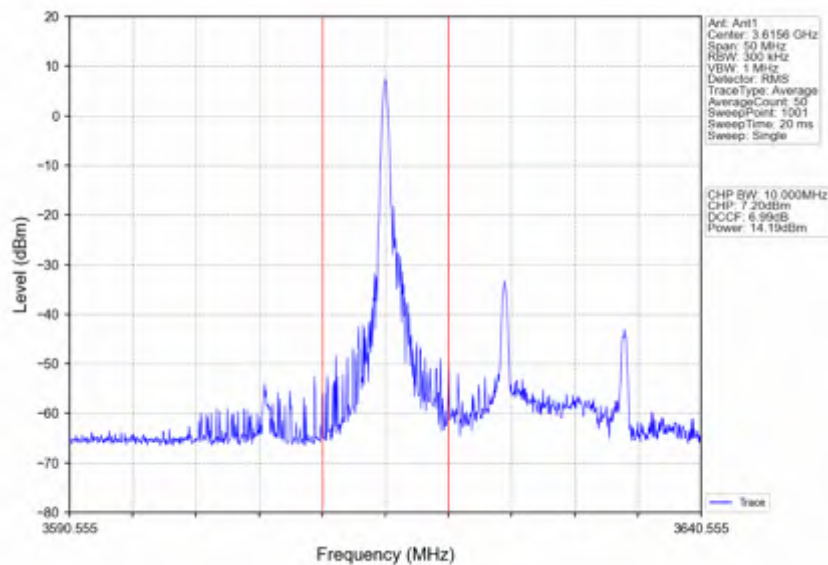


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 samples shown in this fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

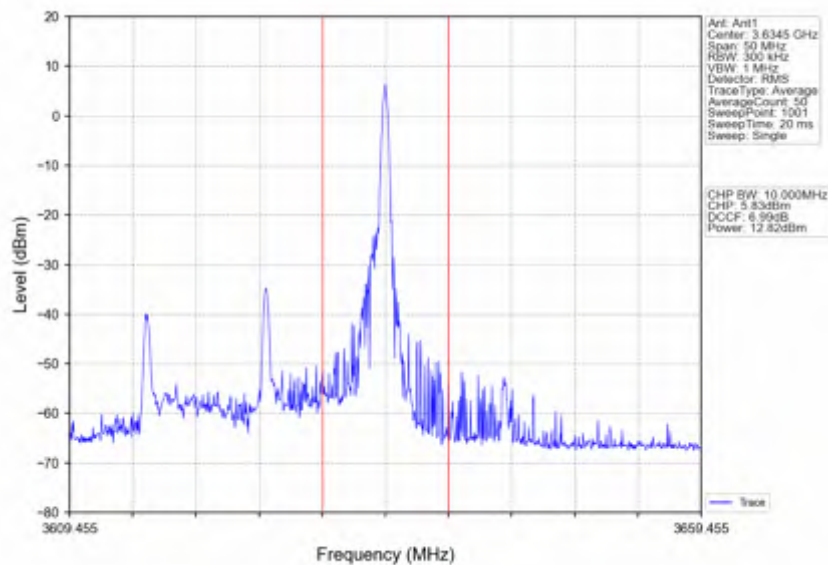
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737091 www.sgsigroup.com.cn
086-5125735688 086-5125737091 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3625.005MHz_Edge_1RB_Right

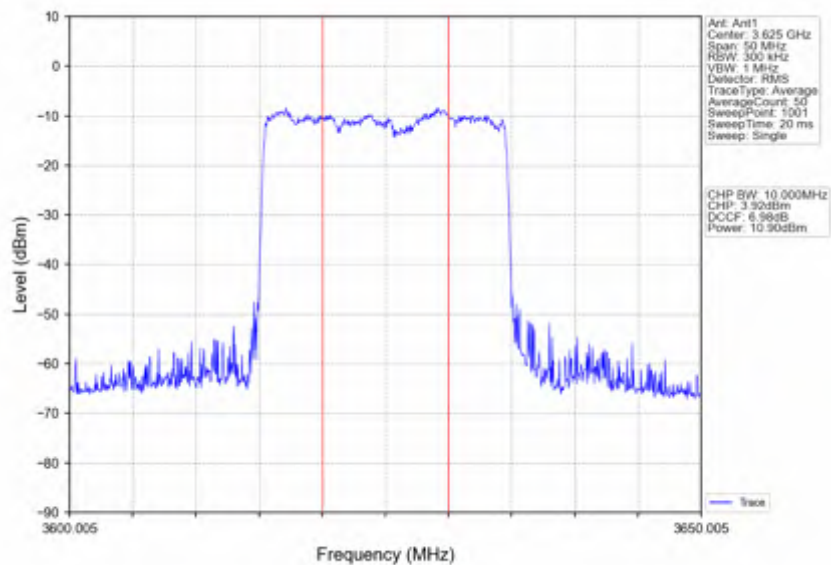


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

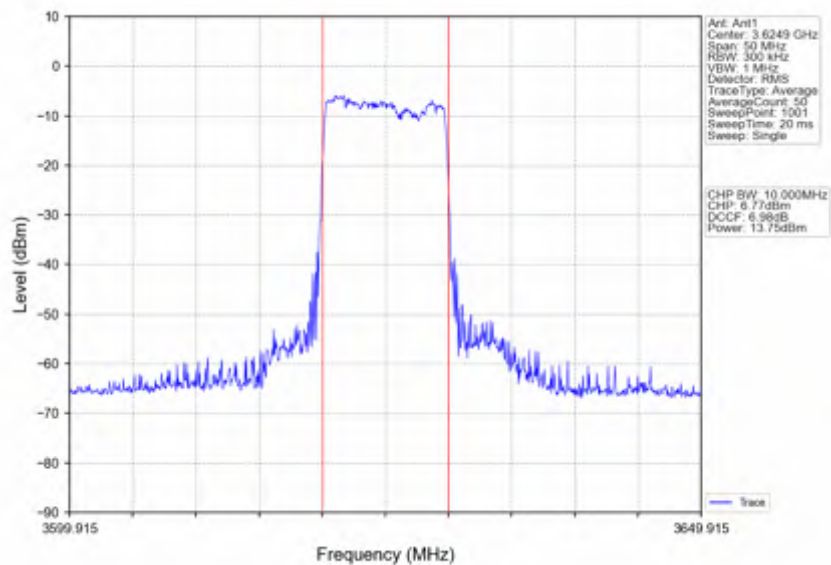
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgschina.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3625.005MHz_Inner_Full



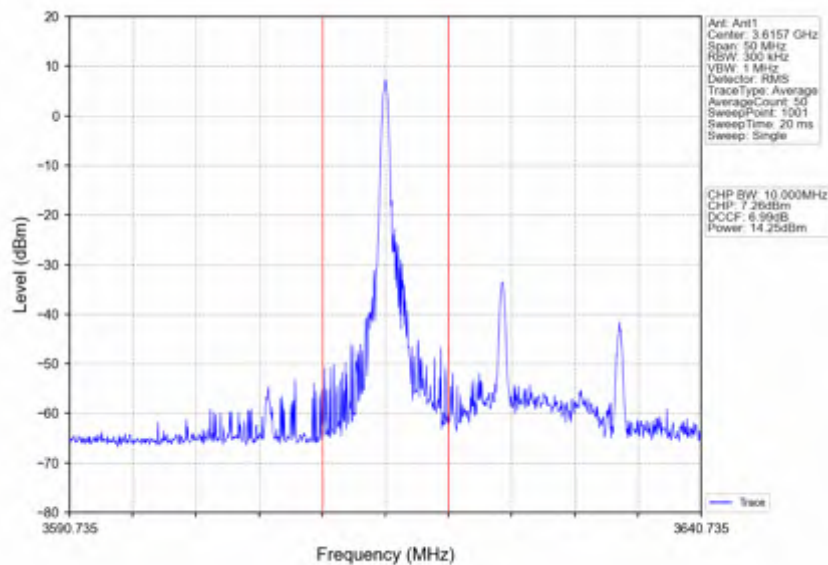
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com (86-512) 57370000 or email: CN-Online@sgs.com.

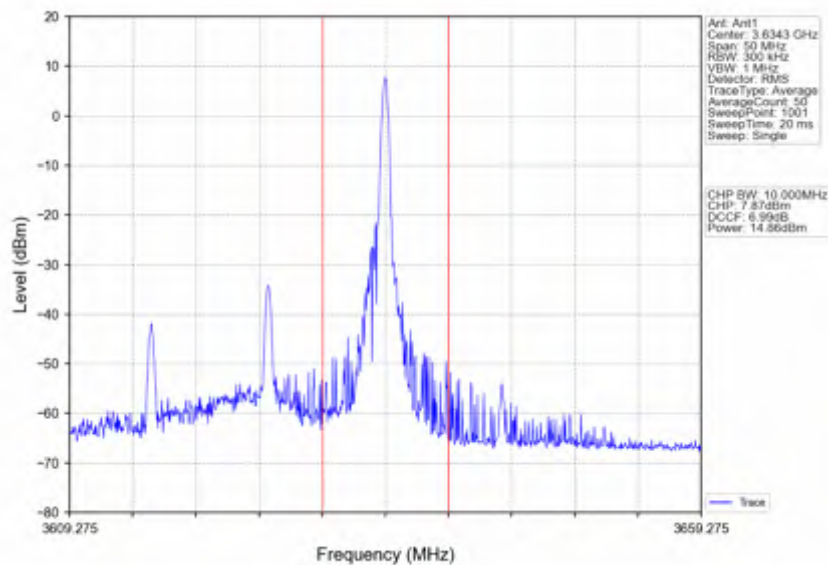
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

0086-51257350888 0086-51257370010 www.sgs.com.cn
0086-51257350888 0086-51257370010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3625.005MHz_Inner_1RB_Right

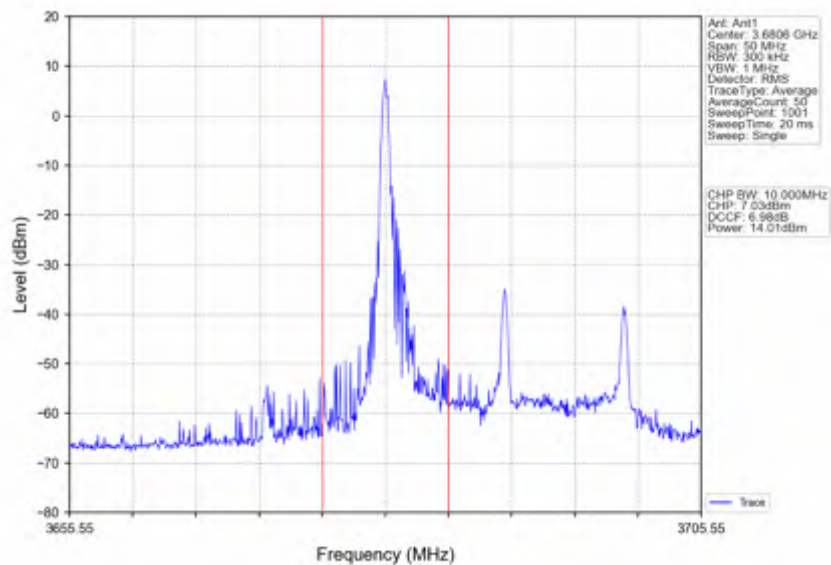


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

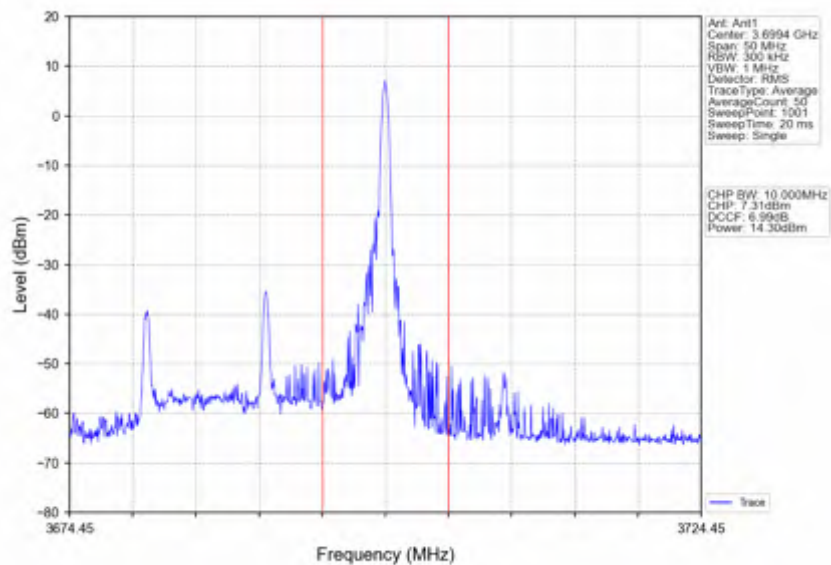
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737001 www.sgsgroup.com.cn
086-5125735688 086-5125737001 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3690MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3690MHz_Edge_1RB_Right

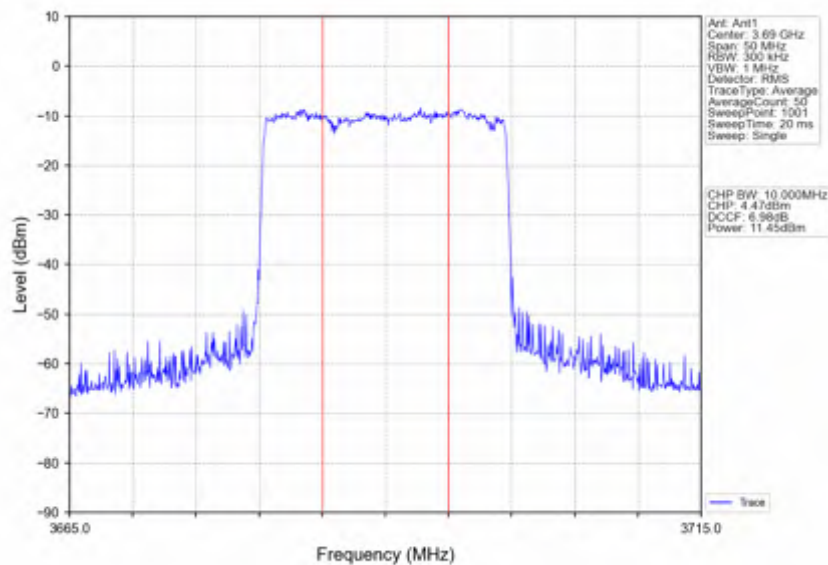


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed
overleaf, available on request or accessible at <http://www.egg.com.au/Terms-and-Conditions.aspx> and, for electronic format documents
subject to Terms and Conditions for Electronic Documents at <http://www.egg.com.au/terms-and-conditions/Terms-a-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 herein 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
without 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 report, please contact us at the phone: (853)52997722
or email: CH.00@celtektech.com

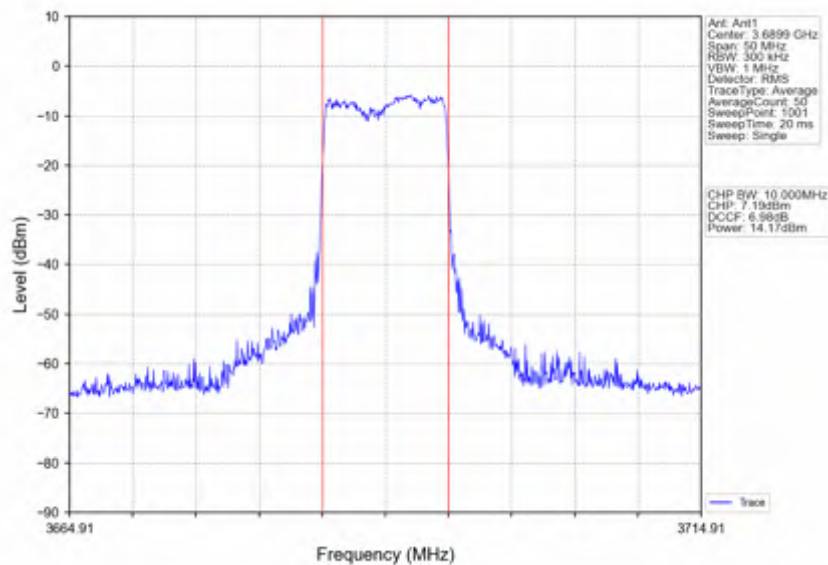
No. 10, Waiye Road, Innovation Park, Komsan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

86-5125735688 86-5125737011 www.sgschina.com.cn
86-5125735688 86-5125737011 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3690MHz_Outer_Full



n78d_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3690MHz_Inner_Full



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

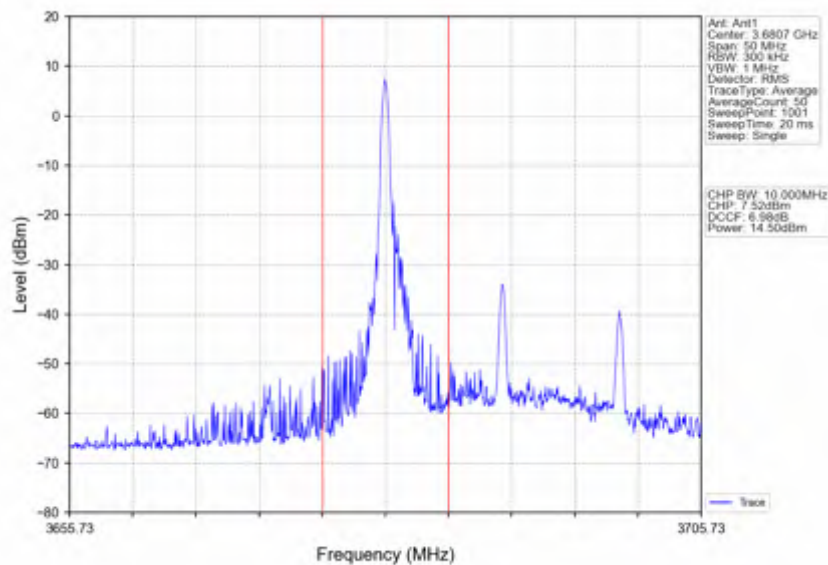
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

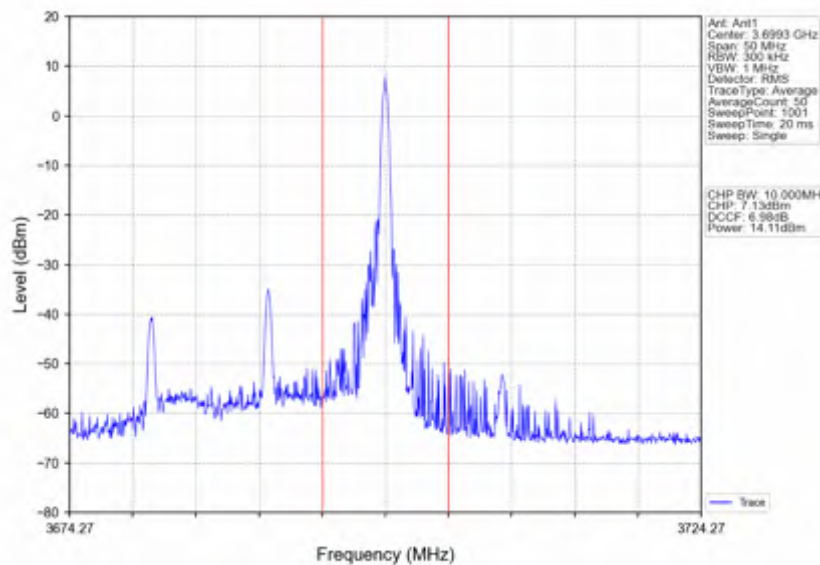
0512-57350888 0512-57370910 www.sgs.com.cn

0512-57350883 0512-57370911 sgs.china@sgs.com

n78d 15kHz SISO NTV 20MHz CP-OFDM 256 QAM 3690MHz Inner 1RB Left



n78d 15kHz SISO NTNv 20MHz CP-OFDM 256 QAM 3690MHz Inner 1RB Right



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/Products/ETSI%20Terms%20and%20Conditions> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error, if reported, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. etsi@etsi.com or <tel:+352437342000> for testing enquiries and sample collection and delivery contact at any time. www.etsi.com for more information. [05/2019]

中国·江苏·昆山市留學生創業園偉業路10號 郵編 215300

086-5125735688 086-5125737091 www.sgsigroup.com.cn
086-5125735688 086-5125737091 sgs.china@sgs.com

8.4 15k_SISO_25MHz_NTNV_EIRP

8.4.1 Test Result

5G NR n78d SCS=15kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3562.5	Edge_1RB_Left	13.29	/	/	21.29	/	/	<=23	Pass
		Edge_1RB_Right	13.07	/	/	21.07	/	/	<=23	Pass
		Outer_Full	12.19	/	/	20.19	/	/	<=23	Pass
		Inner_Full	12.21	/	/	20.21	/	/	<=23	Pass
		Inner_1RB_Left	14.22	/	/	22.22	/	/	<=23	Pass
		Inner_1RB_Right	12.36	/	/	20.36	/	/	<=23	Pass
	3625.005	Edge_1RB_Left	13.02	/	/	21.02	/	/	<=23	Pass
		Edge_1RB_Right	14.39	/	/	22.39	/	/	<=23	Pass
		Outer_Full	13.01	/	/	21.01	/	/	<=23	Pass
		Inner_Full	13.42	/	/	21.42	/	/	<=23	Pass
		Inner_1RB_Left	13.74	/	/	21.74	/	/	<=23	Pass
		Inner_1RB_Right	13.64	/	/	21.64	/	/	<=23	Pass
	3687.495	Edge_1RB_Left	8.93	/	/	16.93	/	/	<=23	Pass
		Edge_1RB_Right	13.50	/	/	21.50	/	/	<=23	Pass
		Outer_Full	12.93	/	/	20.93	/	/	<=23	Pass
		Inner_Full	13.85	/	/	21.85	/	/	<=23	Pass
		Inner_1RB_Left	14.81	/	/	22.81	/	/	<=23	Pass
		Inner_1RB_Right	14.22	/	/	22.22	/	/	<=23	Pass
DFT-s-OFDM QPSK	3562.5	Edge_1RB_Left	12.64	/	/	20.64	/	/	<=23	Pass
		Edge_1RB_Right	8.91	/	/	16.91	/	/	<=23	Pass
		Outer_Full	9.71	/	/	17.71	/	/	<=23	Pass
		Inner_Full	12.83	/	/	20.83	/	/	<=23	Pass
		Inner_1RB_Left	13.23	/	/	21.23	/	/	<=23	Pass
		Inner_1RB_Right	11.72	/	/	19.72	/	/	<=23	Pass
	3625.005	Edge_1RB_Left	9.76	/	/	17.76	/	/	<=23	Pass
		Edge_1RB_Right	13.20	/	/	21.20	/	/	<=23	Pass
		Outer_Full	10.69	/	/	18.69	/	/	<=23	Pass
		Inner_Full	13.41	/	/	21.41	/	/	<=23	Pass
		Inner_1RB_Left	13.66	/	/	21.66	/	/	<=23	Pass
		Inner_1RB_Right	13.27	/	/	21.27	/	/	<=23	Pass
	3687.495	Edge_1RB_Left	14.26	/	/	22.26	/	/	<=23	Pass
		Edge_1RB_Right	13.63	/	/	21.63	/	/	<=23	Pass
		Outer_Full	10.77	/	/	18.77	/	/	<=23	Pass
		Inner_Full	13.49	/	/	21.49	/	/	<=23	Pass
		Inner_1RB_Left	13.84	/	/	21.84	/	/	<=23	Pass
		Inner_1RB_Right	14.64	/	/	22.64	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3562.5	Edge_1RB_Left	13.37	/	/	21.37	/	/	<=23	Pass
		Edge_1RB_Right	13.97	/	/	21.97	/	/	<=23	Pass
		Outer_Full	10.22	/	/	18.22	/	/	<=23	Pass
		Inner_Full	13.41	/	/	21.41	/	/	<=23	Pass
		Inner_1RB_Left	14.57	/	/	22.57	/	/	<=23	Pass
		Inner_1RB_Right	14.30	/	/	22.30	/	/	<=23	Pass
	3625.005	Edge_1RB_Left	12.54	/	/	20.54	/	/	<=23	Pass
		Edge_1RB_Right	13.73	/	/	21.73	/	/	<=23	Pass
		Outer_Full	9.39	/	/	17.39	/	/	<=23	Pass
		Inner_Full	13.63	/	/	21.63	/	/	<=23	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-and-Conditions-for-Electronic-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 report and certificates, please contact us at least one (86-512)57370911 or email: CH.Official@sgs.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

(86-512)57370888 (86-512)57370911 www.sgs.com.cn
(86-512)57370888 (86-512)57370911 sgs.china@sgs.com

		Inner_1RB_Left	14.99	/	/	22.99	/	/	<=23	Pass
		Inner_1RB_Right	11.34	/	/	19.34	/	/	<=23	Pass
	3687.495	Edge_1RB_Left	14.70	/	/	22.70	/	/	<=23	Pass
		Edge_1RB_Right	13.30	/	/	21.30	/	/	<=23	Pass
		Outer_Full	10.92	/	/	18.92	/	/	<=23	Pass
		Inner_Full	13.71	/	/	21.71	/	/	<=23	Pass
		Inner_1RB_Left	11.49	/	/	19.49	/	/	<=23	Pass
Inner_1RB_Right	12.79	/	/	20.79	/	/	<=23	Pass		
DFT-s-OFDM 64 QAM	3562.5	Edge_1RB_Left	13.98	/	/	21.98	/	/	<=23	Pass
		Edge_1RB_Right	11.90	/	/	19.90	/	/	<=23	Pass
		Outer_Full	10.04	/	/	18.04	/	/	<=23	Pass
		Inner_Full	13.81	/	/	21.81	/	/	<=23	Pass
		Inner_1RB_Left	14.93	/	/	22.93	/	/	<=23	Pass
		Inner_1RB_Right	14.11	/	/	22.11	/	/	<=23	Pass
	3625.005	Edge_1RB_Left	12.68	/	/	20.68	/	/	<=23	Pass
		Edge_1RB_Right	14.42	/	/	22.42	/	/	<=23	Pass
		Outer_Full	10.20	/	/	18.20	/	/	<=23	Pass
		Inner_Full	12.79	/	/	20.79	/	/	<=23	Pass
		Inner_1RB_Left	14.82	/	/	22.82	/	/	<=23	Pass
		Inner_1RB_Right	14.60	/	/	22.60	/	/	<=23	Pass
	3687.495	Edge_1RB_Left	12.99	/	/	20.99	/	/	<=23	Pass
		Edge_1RB_Right	14.41	/	/	22.41	/	/	<=23	Pass
Outer_Full		11.06	/	/	19.06	/	/	<=23	Pass	
Inner_Full		14.09	/	/	22.09	/	/	<=23	Pass	
Inner_1RB_Left		14.05	/	/	22.05	/	/	<=23	Pass	
Inner_1RB_Right		14.48	/	/	22.48	/	/	<=23	Pass	
DFT-s-OFDM 256 QAM	3562.5	Edge_1RB_Left	12.77	/	/	20.77	/	/	<=23	Pass
		Edge_1RB_Right	11.69	/	/	19.69	/	/	<=23	Pass
		Outer_Full	10.05	/	/	18.05	/	/	<=23	Pass
		Inner_Full	12.87	/	/	20.87	/	/	<=23	Pass
		Inner_1RB_Left	13.41	/	/	21.41	/	/	<=23	Pass
		Inner_1RB_Right	10.03	/	/	18.03	/	/	<=23	Pass
	3625.005	Edge_1RB_Left	13.51	/	/	21.51	/	/	<=23	Pass
		Edge_1RB_Right	14.73	/	/	22.73	/	/	<=23	Pass
		Outer_Full	10.24	/	/	18.24	/	/	<=23	Pass
		Inner_Full	13.56	/	/	21.56	/	/	<=23	Pass
		Inner_1RB_Left	11.34	/	/	19.34	/	/	<=23	Pass
		Inner_1RB_Right	14.95	/	/	22.95	/	/	<=23	Pass
	3687.495	Edge_1RB_Left	13.86	/	/	21.86	/	/	<=23	Pass
		Edge_1RB_Right	14.93	/	/	22.93	/	/	<=23	Pass
Outer_Full		10.87	/	/	18.87	/	/	<=23	Pass	
Inner_Full		13.83	/	/	21.83	/	/	<=23	Pass	
Inner_1RB_Left		14.76	/	/	22.76	/	/	<=23	Pass	
Inner_1RB_Right		13.67	/	/	21.67	/	/	<=23	Pass	
CP-OFDM QPSK	3562.5	Edge_1RB_Left	14.67	/	/	22.67	/	/	<=23	Pass
		Edge_1RB_Right	13.55	/	/	21.55	/	/	<=23	Pass
		Outer_Full	9.99	/	/	17.99	/	/	<=23	Pass
		Inner_Full	13.08	/	/	21.08	/	/	<=23	Pass
		Inner_1RB_Left	14.39	/	/	22.39	/	/	<=23	Pass
		Inner_1RB_Right	11.83	/	/	19.83	/	/	<=23	Pass
	3625.005	Edge_1RB_Left	14.00	/	/	22.00	/	/	<=23	Pass
		Edge_1RB_Right	11.98	/	/	19.98	/	/	<=23	Pass
		Outer_Full	11.03	/	/	19.03	/	/	<=23	Pass
		Inner_Full	13.42	/	/	21.42	/	/	<=23	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.egg.com/terms-and-conditions.aspx>, and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.egg.com/terms-and-conditions.aspx>. The Company is not to be held responsible for any information contained herein which exceeds the Company's findings at the time of its intervention and/or 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.

中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

86-5125735888 86-5125737088 www.sgs.com.cn
86-5125735888 86-5125737088 sgs.china@sgs.com

CP-OFDM 16 QAM	3687.495	Inner_1RB_Left	14.71	/	/	22.71	/	/	<=23	Pass
		Inner_1RB_Right	14.03	/	/	22.03	/	/	<=23	Pass
		Edge_1RB_Left	14.46	/	/	22.46	/	/	<=23	Pass
		Edge_1RB_Right	14.55	/	/	22.55	/	/	<=23	Pass
		Outer_Full	10.58	/	/	18.58	/	/	<=23	Pass
		Inner_Full	13.90	/	/	21.90	/	/	<=23	Pass
		Inner_1RB_Left	13.56	/	/	21.56	/	/	<=23	Pass
		Inner_1RB_Right	13.61	/	/	21.61	/	/	<=23	Pass
	3562.5	Edge_1RB_Left	13.83	/	/	21.83	/	/	<=23	Pass
		Edge_1RB_Right	13.75	/	/	21.75	/	/	<=23	Pass
		Outer_Full	10.32	/	/	18.32	/	/	<=23	Pass
		Inner_Full	12.84	/	/	20.84	/	/	<=23	Pass
		Inner_1RB_Left	13.14	/	/	21.14	/	/	<=23	Pass
		Inner_1RB_Right	13.17	/	/	21.17	/	/	<=23	Pass
	3625.005	Edge_1RB_Left	10.92	/	/	18.92	/	/	<=23	Pass
		Edge_1RB_Right	13.98	/	/	21.98	/	/	<=23	Pass
		Outer_Full	9.99	/	/	17.99	/	/	<=23	Pass
		Inner_Full	13.00	/	/	21.00	/	/	<=23	Pass
		Inner_1RB_Left	13.85	/	/	21.85	/	/	<=23	Pass
		Inner_1RB_Right	12.72	/	/	20.72	/	/	<=23	Pass
	3687.495	Edge_1RB_Left	12.99	/	/	20.99	/	/	<=23	Pass
		Edge_1RB_Right	13.47	/	/	21.47	/	/	<=23	Pass
		Outer_Full	10.32	/	/	18.32	/	/	<=23	Pass
		Inner_Full	13.78	/	/	21.78	/	/	<=23	Pass
		Inner_1RB_Left	12.34	/	/	20.34	/	/	<=23	Pass
		Inner_1RB_Right	12.91	/	/	20.91	/	/	<=23	Pass
CP-OFDM 64 QAM	3562.5	Edge_1RB_Left	13.63	/	/	21.63	/	/	<=23	Pass
		Edge_1RB_Right	10.65	/	/	18.65	/	/	<=23	Pass
		Outer_Full	10.26	/	/	18.26	/	/	<=23	Pass
		Inner_Full	13.38	/	/	21.38	/	/	<=23	Pass
		Inner_1RB_Left	14.98	/	/	22.98	/	/	<=23	Pass
		Inner_1RB_Right	12.92	/	/	20.92	/	/	<=23	Pass
	3625.005	Edge_1RB_Left	13.41	/	/	21.41	/	/	<=23	Pass
		Edge_1RB_Right	13.21	/	/	21.21	/	/	<=23	Pass
		Outer_Full	10.03	/	/	18.03	/	/	<=23	Pass
		Inner_Full	13.10	/	/	21.10	/	/	<=23	Pass
		Inner_1RB_Left	13.31	/	/	21.31	/	/	<=23	Pass
		Inner_1RB_Right	14.06	/	/	22.06	/	/	<=23	Pass
	3687.495	Edge_1RB_Left	13.41	/	/	21.41	/	/	<=23	Pass
		Edge_1RB_Right	14.76	/	/	22.76	/	/	<=23	Pass
		Outer_Full	10.62	/	/	18.62	/	/	<=23	Pass
		Inner_Full	13.92	/	/	21.92	/	/	<=23	Pass
		Inner_1RB_Left	13.85	/	/	21.85	/	/	<=23	Pass
		Inner_1RB_Right	14.60	/	/	22.60	/	/	<=23	Pass
CP-OFDM 256 QAM	3562.5	Edge_1RB_Left	14.46	/	/	22.46	/	/	<=23	Pass
		Edge_1RB_Right	13.43	/	/	21.43	/	/	<=23	Pass
		Outer_Full	10.37	/	/	18.37	/	/	<=23	Pass
		Inner_Full	12.61	/	/	20.61	/	/	<=23	Pass
		Inner_1RB_Left	14.28	/	/	22.28	/	/	<=23	Pass
		Inner_1RB_Right	12.94	/	/	20.94	/	/	<=23	Pass
	3625.005	Edge_1RB_Left	12.71	/	/	20.71	/	/	<=23	Pass
		Edge_1RB_Right	13.75	/	/	21.75	/	/	<=23	Pass
		Outer_Full	9.97	/	/	17.97	/	/	<=23	Pass
		Inner_Full	12.87	/	/	20.87	/	/	<=23	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-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 herein 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 conclusion report & certificate, please connect us at sgs@sgs.com or www.sgs.com or email: CH.Official@sgs.com

No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学生创业园伟业路18号 邮编 215300

0512-515735088 0512-515737010 www.sgs.com.cn

0512-515735088 0512-515737010 sgs.china@sgs.com

3687.495	Inner 1RB Left	13.36	/	/	21.36	/	/	<=23	Pass
	Inner 1RB Right	14.11	/	/	22.11	/	/	<=23	Pass
	Edge 1RB Left	14.65	/	/	22.65	/	/	<=23	Pass
	Edge 1RB Right	14.57	/	/	22.57	/	/	<=23	Pass
	Outer Full	10.47	/	/	18.47	/	/	<=23	Pass
	Inner Full	13.64	/	/	21.64	/	/	<=23	Pass
	Inner 1RB Left	13.32	/	/	21.32	/	/	<=23	Pass
	Inner 1RB Right	13.64	/	/	21.64	/	/	<=23	Pass

Note1: Antenna Gain: Ant1: 8.00dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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-a-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.

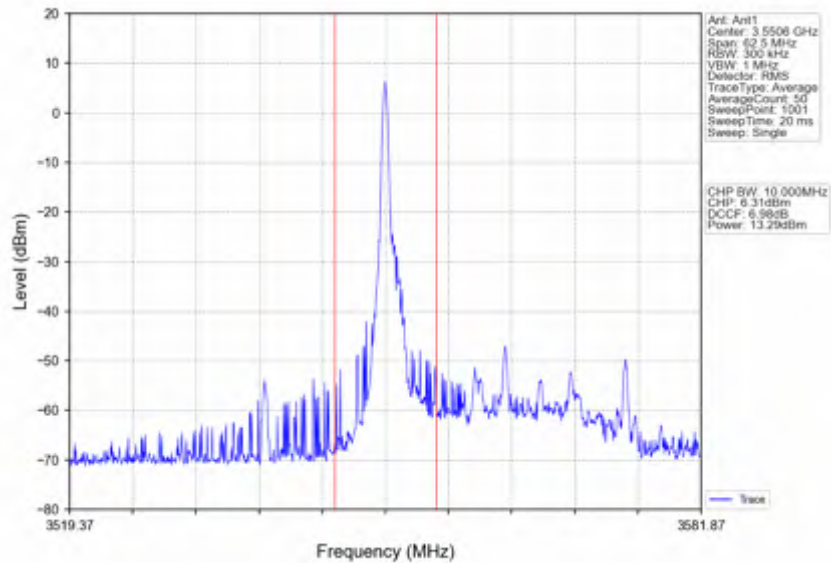
Attention: To check the authenticity of testing certification report & certificate, please connect us at telephone: (86-512)57350888 or email: CH.Official@sgs.com.

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

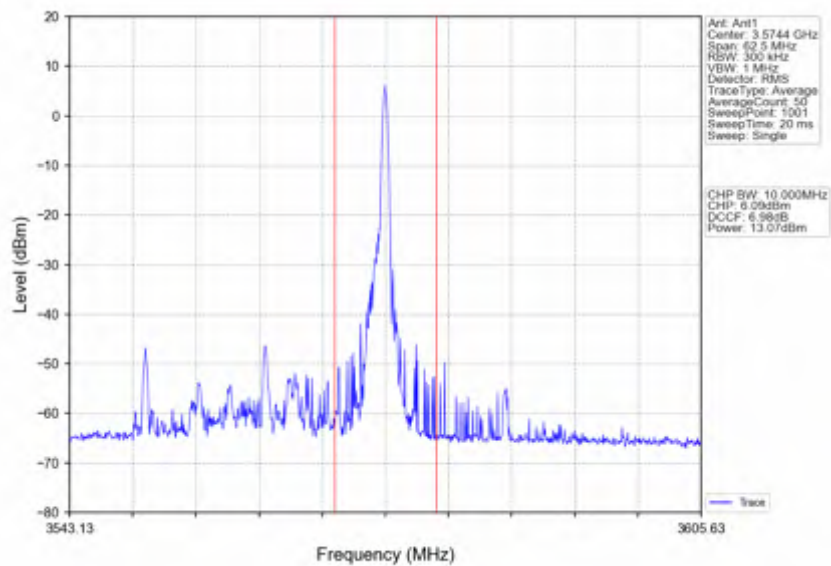
(86-512)57350888 (86-512)57370919 www.sgs.com.cn
(86-512)57350888 (86-512)57370919 sgs.china@sgs.com

8.4.2 Test Graph

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_3562.5MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_3562.5MHz_Edge_1RB_Right



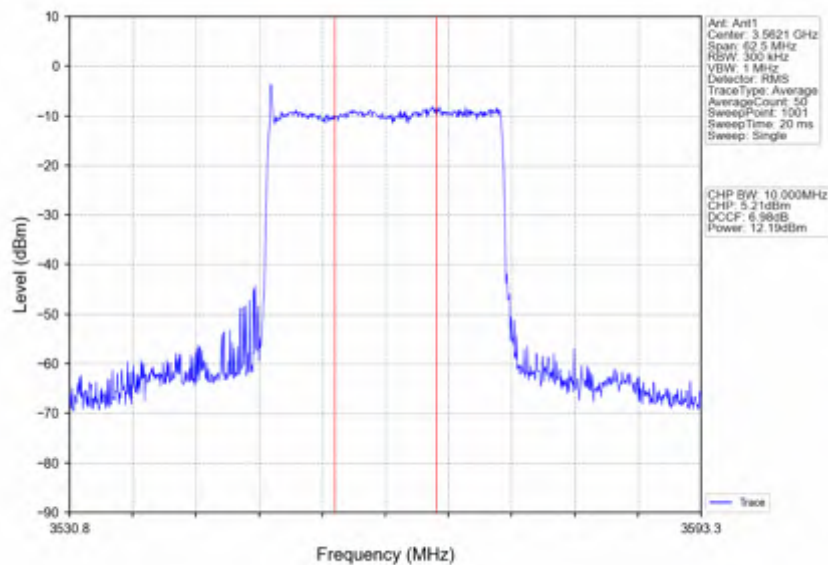
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com (86-512)57370011 or email: CH.Official@sgs.com.

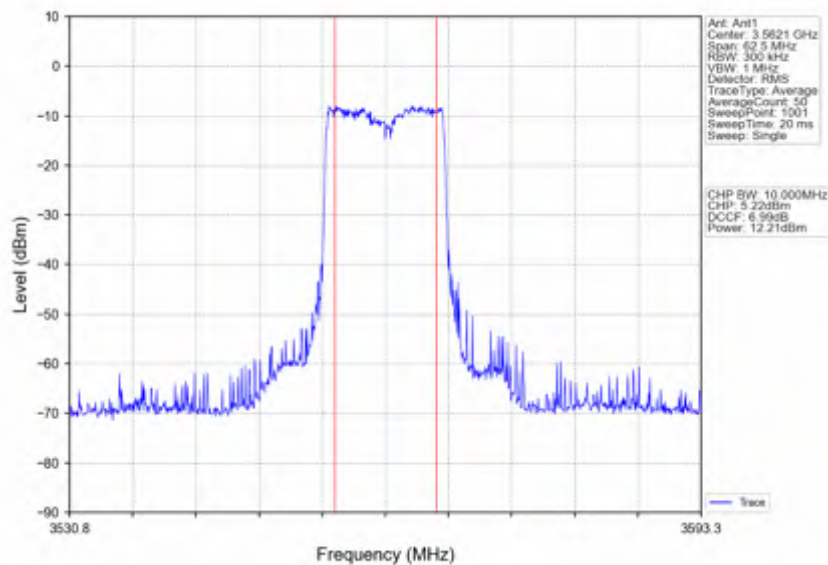
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

086-51257350888 086-51257370011 www.sgs.com.cn
086-51257350888 086-51257370011 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_3562.5MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_3562.5MHz_Inner_Full



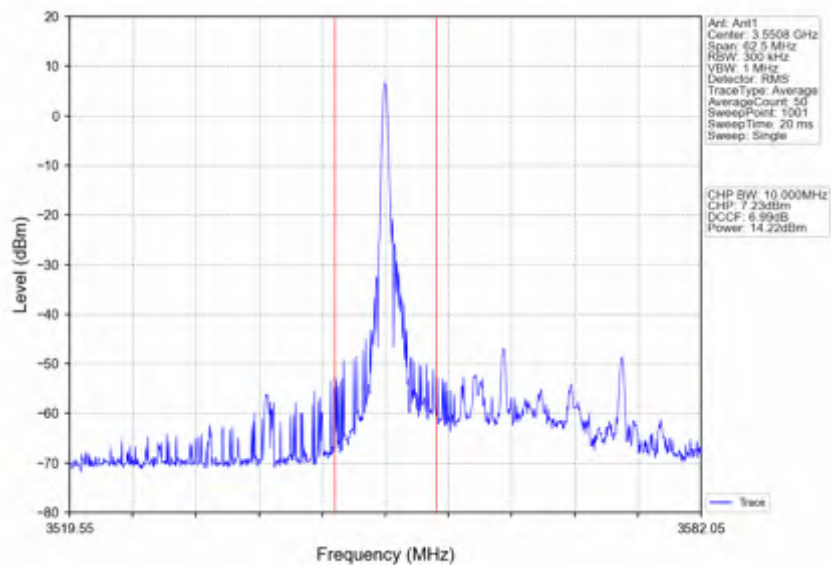
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.usc.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.usc.com/en/terms-and-conditions/Terms-a-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 its instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from their obligations under applicable law. This document, once signed, cannot be altered or modified without express consent 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.

Unabhängig von sonstigen Vereinbarungen ist dieses Dokument der Gesellschaft unter den Allgemeinen Geschäftsbedingungen ausgedruckt, die auf dem Rückenteil des Dokuments abgedruckt sind und auch elektronisch abrufbar sind (<http://www.usc.com/en/Terms-and-Conditions.aspx>). Für elektronische Dokumente gelten zusätzlich die Allgemeinen Geschäftsbedingungen für elektronische Dokumente (<http://www.usc.com/en/terms-and-conditions/Terms-a-Documents.aspx>). Auf diese wird hiermit hingewiesen. Die Haftung, die Indemnifizierung und die Gerichtsbarkeit sind durch diese Bedingungen begrenzt. Jeder Inhaber dieses Dokuments wird darauf hingewiesen, dass die Informationen, die hierin enthalten sind, nur die Ergebnisse der Untersuchung zum Zeitpunkt der Intervention der Gesellschaft darstellen und innerhalb der Grenzen ihrer Anweisungen, falls vorhanden, liegen. Die Gesellschaft ist ausschließlich gegenüber ihrem Auftraggeber verantwortlich. Dieses Dokument kann die Parteien nicht von ihren gesetzlichen Verpflichtungen freisetzen. Sobald das Dokument unterschrieben wurde, kann es ohne schriftliche Genehmigung der Gesellschaft nicht verändert oder modifiziert werden. Jegliche unbefugte Veränderung, Fälschung oder Verfälschung des Inhalts oder der Erscheinung dieses Dokuments ist strafbar und die Täter können gegebenenfalls strafrechtlich verfolgt werden. Sofern anders angegeben, beziehen sich die Testergebnisse in diesem Testbericht nur auf die(n) Probe(n), die(n) untersucht wurde(n) und diese(n) Probe(n) werden für 30 Tage aufbewahrt.

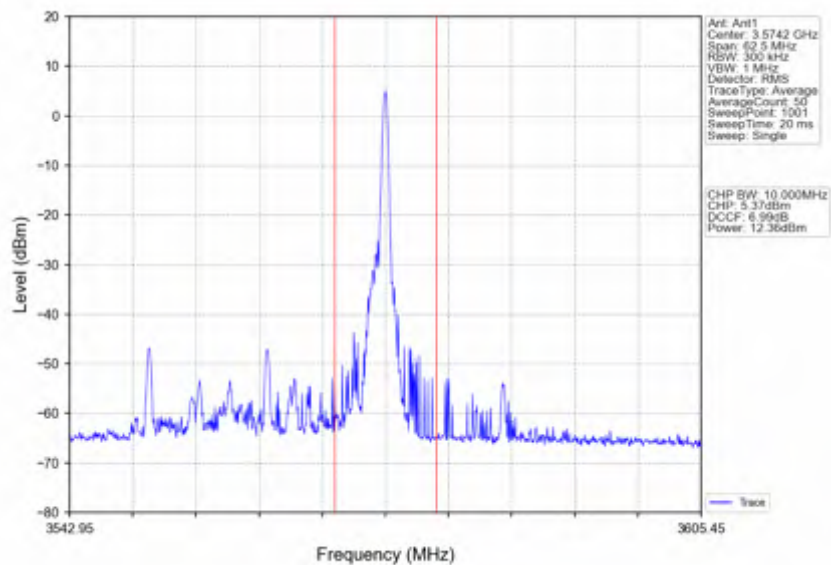
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgschina.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_3562.5MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_3562.5MHz_Inner_1RB_Right

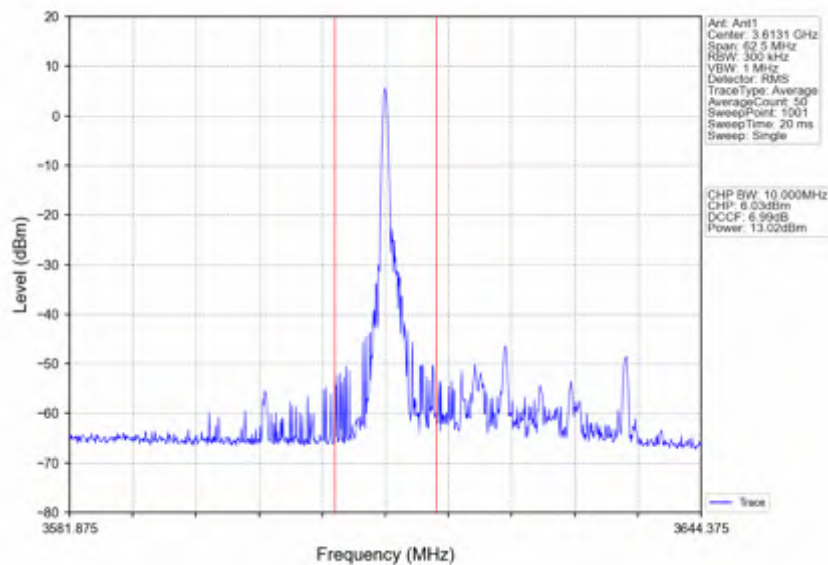


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/ETSI%20Terms%20and%20Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's findings are contained in the document and are not to be reproduced, in whole or in part, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the fast report or testing contact the ETSI Customer Support Service on ETSI.Customer.Support@etsi.org or at +359 47 00 100 100.

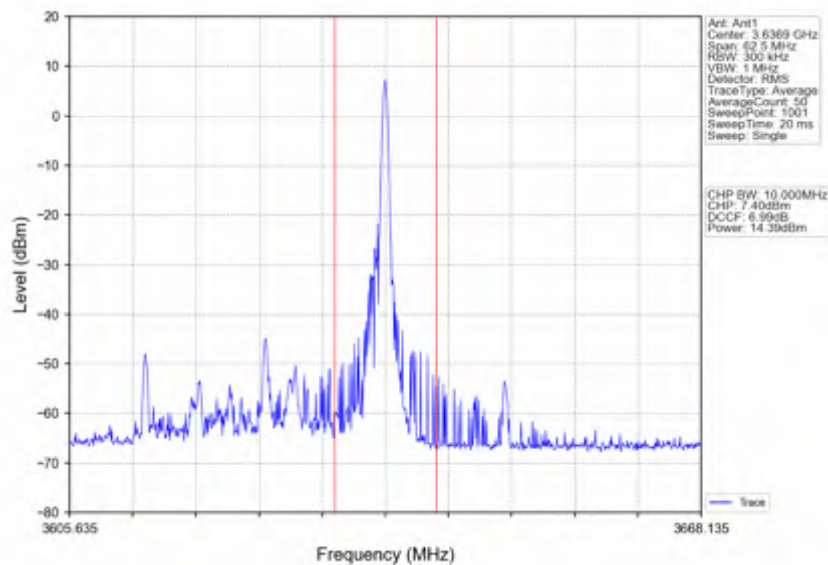
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_3625.005MHz_Edge_1RB_Right

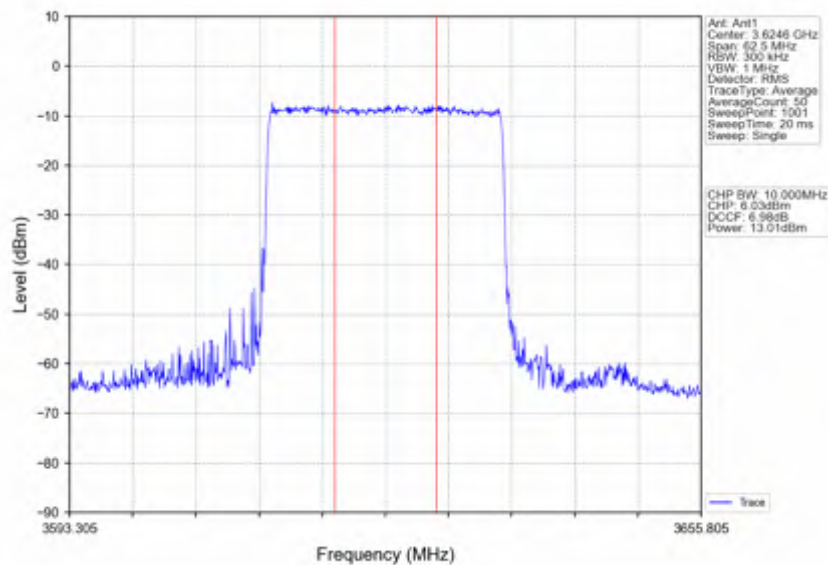


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/Products/ETSI%20Products%20and%20Conditions> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error, if reported, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the Customer Support Centre at ETSI.Support@etsi.org or at +359 47 00 100 100.

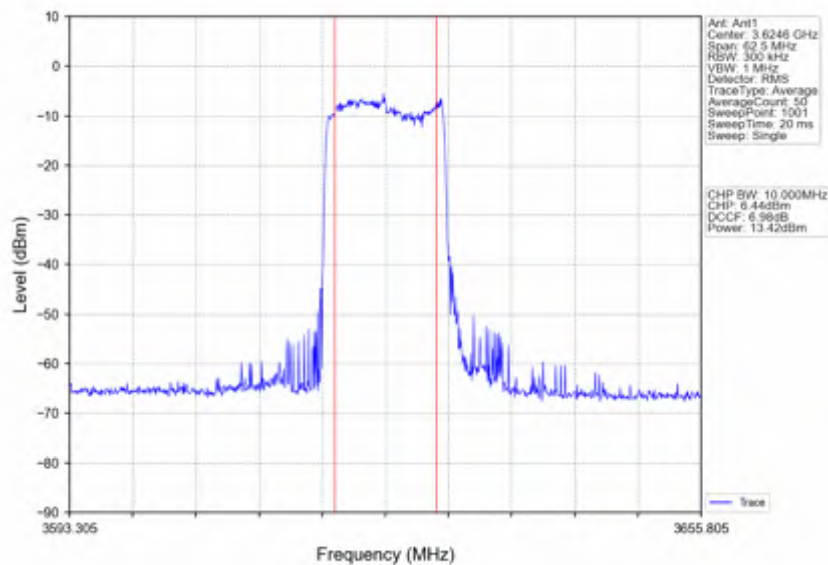
No. 10, Waiye Road, Innovation Park, Keshan, Jiangsu, China 215300
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_3625.005MHz_Inner_Full

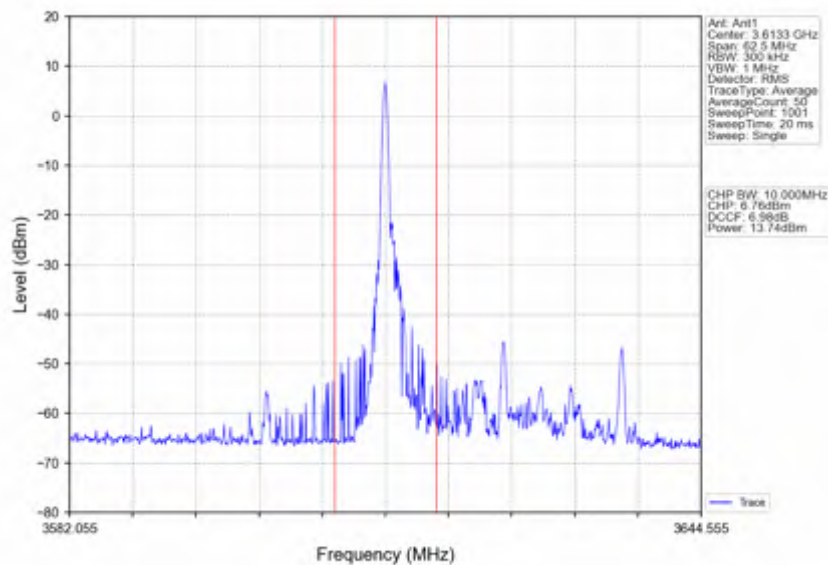


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/Products/Conditions.aspx> and, for selected documents, subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's findings are not intended to constitute an opinion or a recommendation, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the ETSI Customer Support Centre at ETSI-CSI@etsi.fr or <tel:+3333707417000>.

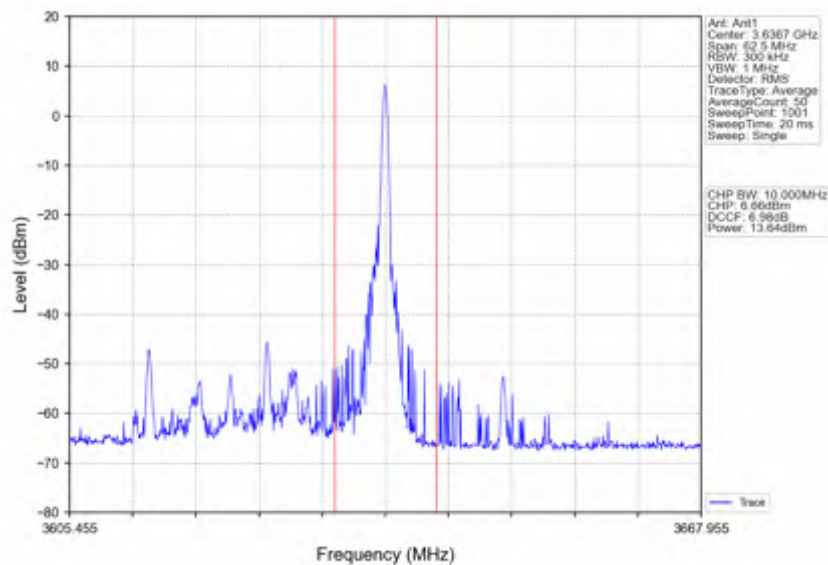
中国·江苏·昆山市留學生创业園伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_3625.005MHz_Inner_1RB_Right

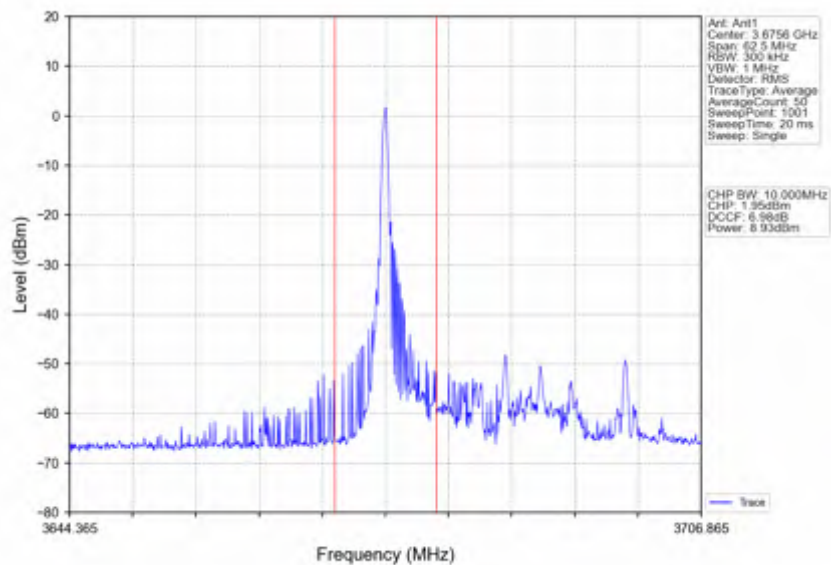


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 samples shown in this report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

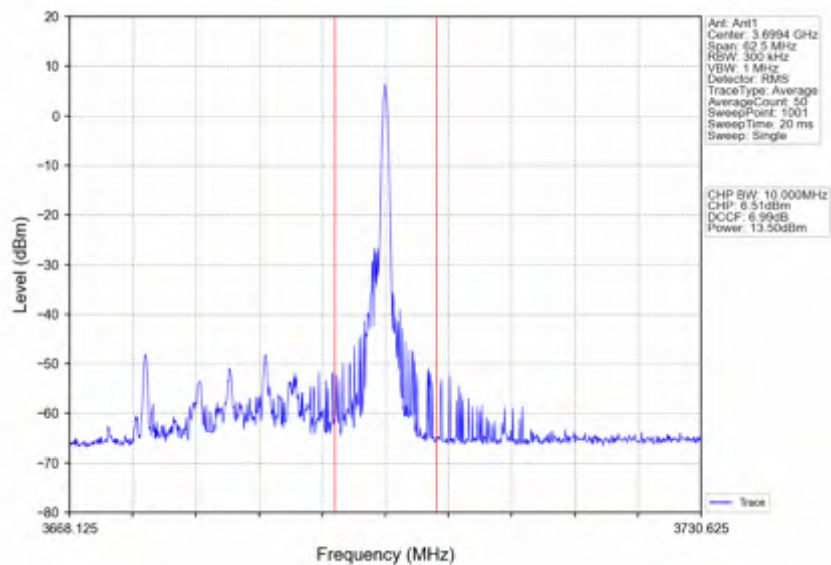
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737091 www.sgsgroup.com.cn
086-5125735688 086-5125737091 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_3687.495MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_3687.495MHz_Edge_1RB_Right

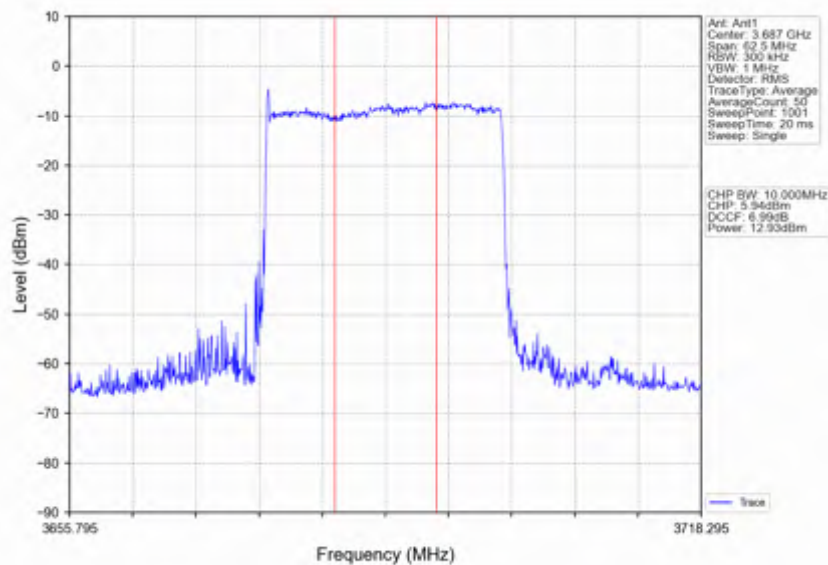


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/Products/Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's findings are not intended to constitute an opinion or a recommendation, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the Customer Support Centre at info@etsi.com or <tel:+352437342000>.

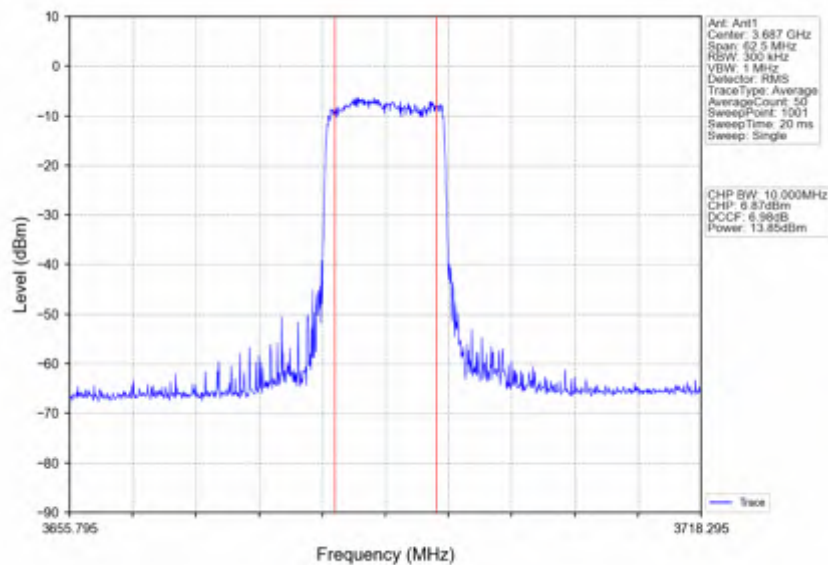
中国·江苏·昆山市周庄生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_3687.495MHz_Outer_Full



n78d	15kHz	SISO	NTNV	25MHz	DFT-s-OFDM	PI/2	BPSK	3687.495MHz	Inner	Full
------	-------	------	------	-------	------------	------	------	-------------	-------	------

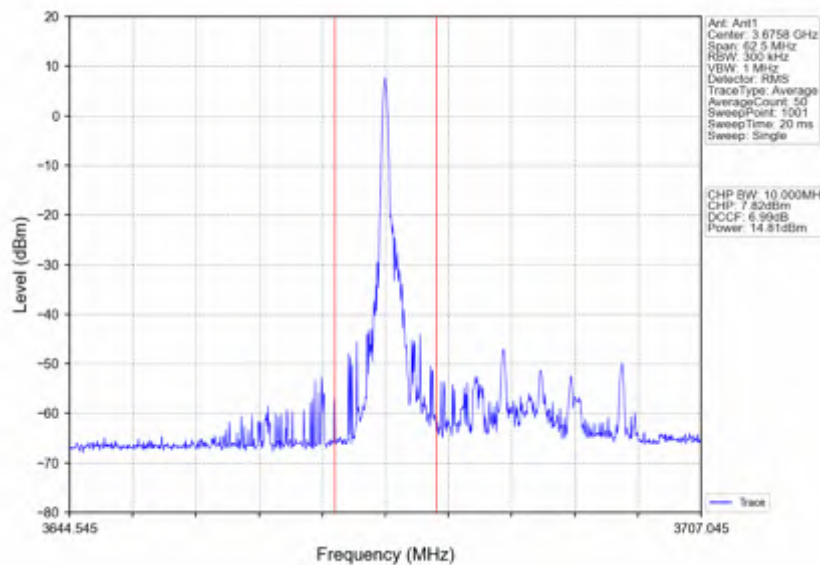


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/ETSI-Products-and-Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error, if reported, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. etsi@etsi.com or <tel:+352437342000> for testing enquiries and sample collection and/or contact at any time. www.etsi.com for more information. [05/2019]

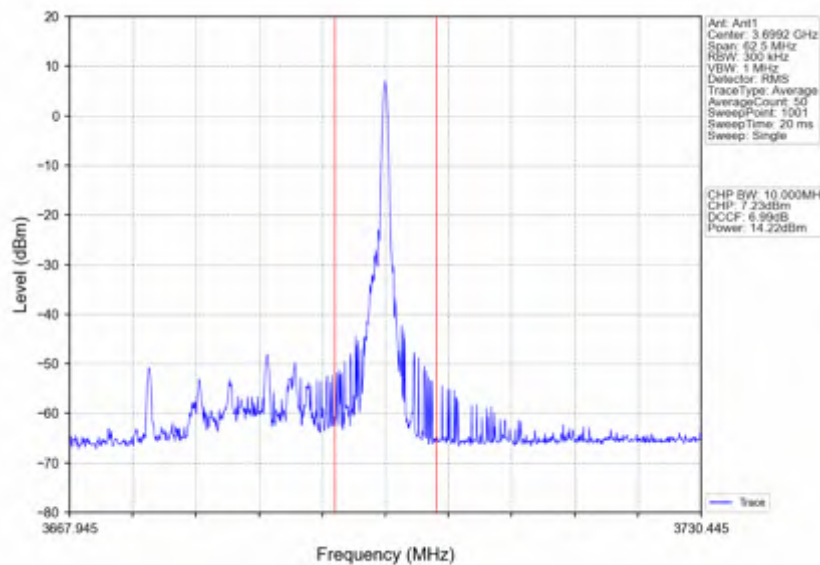
中国·江苏·昆山市留學生創業園偉業路10號 郵編 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_3687.495MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_3687.495MHz_Inner_1RB_Right



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

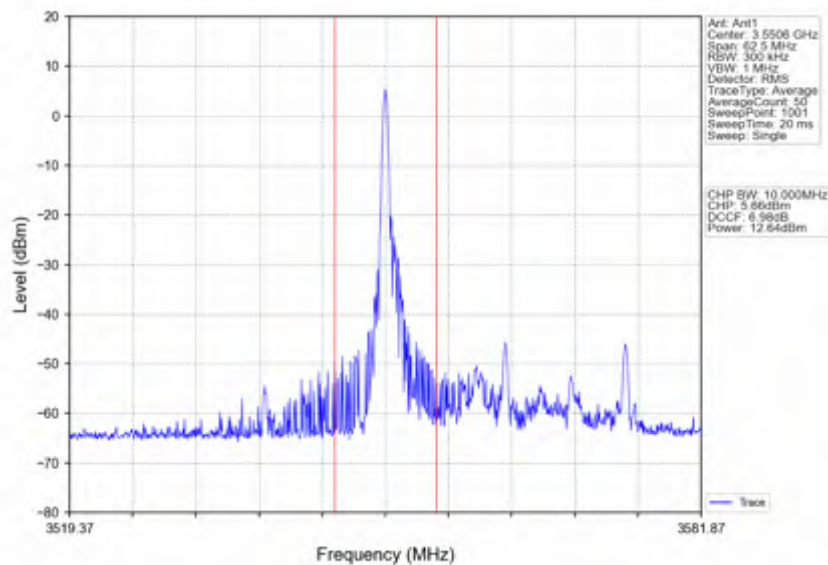
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

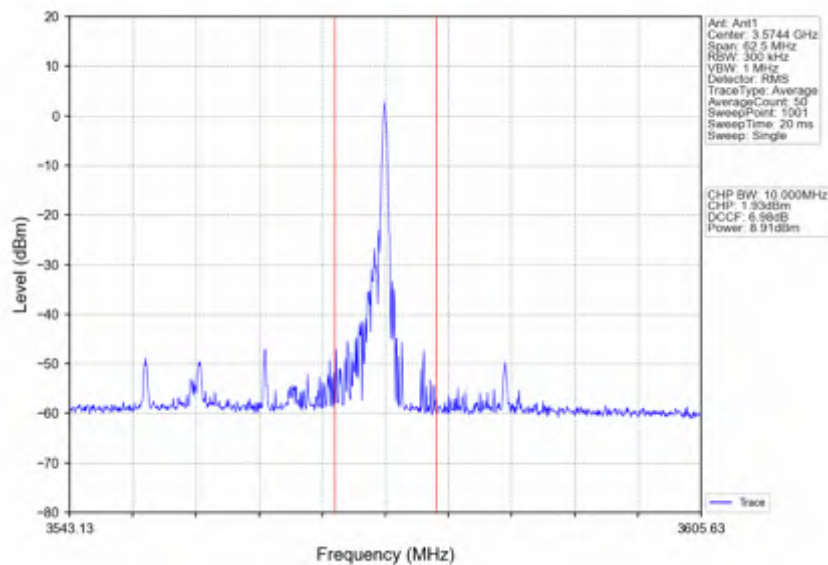
0512-57350888 0512-57370910 www.sgs.com.cn

0512-51257350888 0512-51257370910 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_3562.5MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_3562.5MHz_Edge_1RB_Right



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 report and certificates, please connect us at sgs@sgs.com or sgs@sgs.com or sgs@sgs.com.

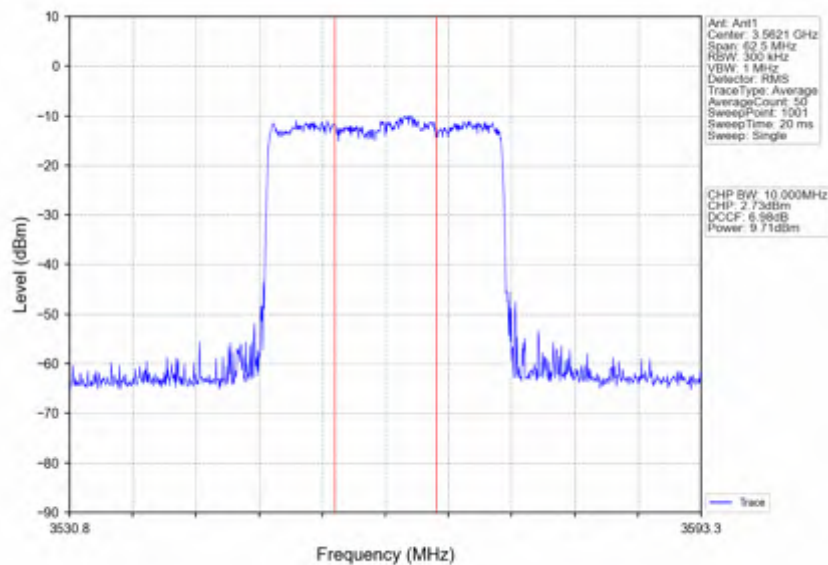
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

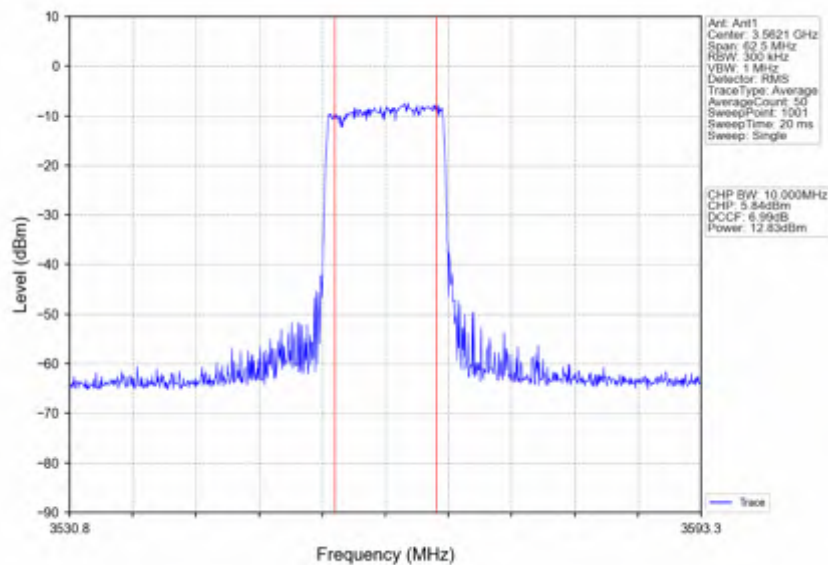
086-51215735088 086-51215737010 www.sgs.com.cn

086-51215735088 086-51215737010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_3562.5MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_3562.5MHz_Inner_Full



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

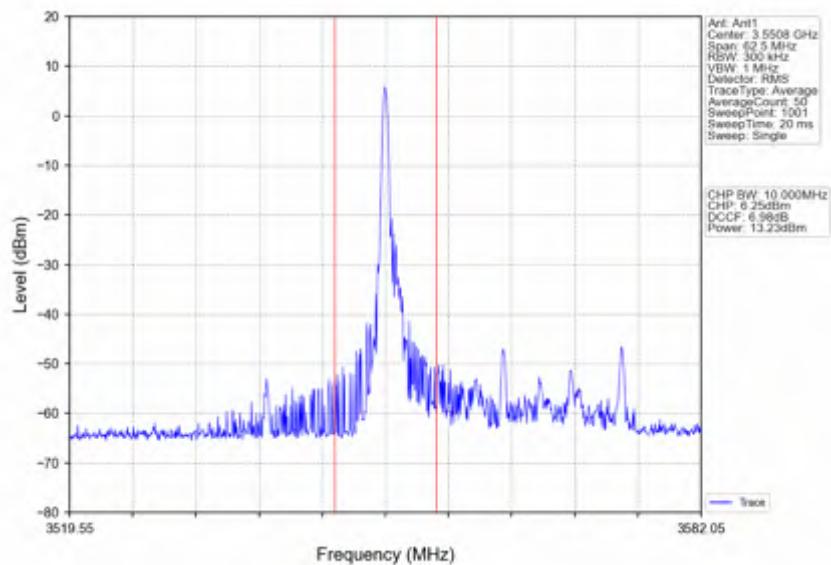
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

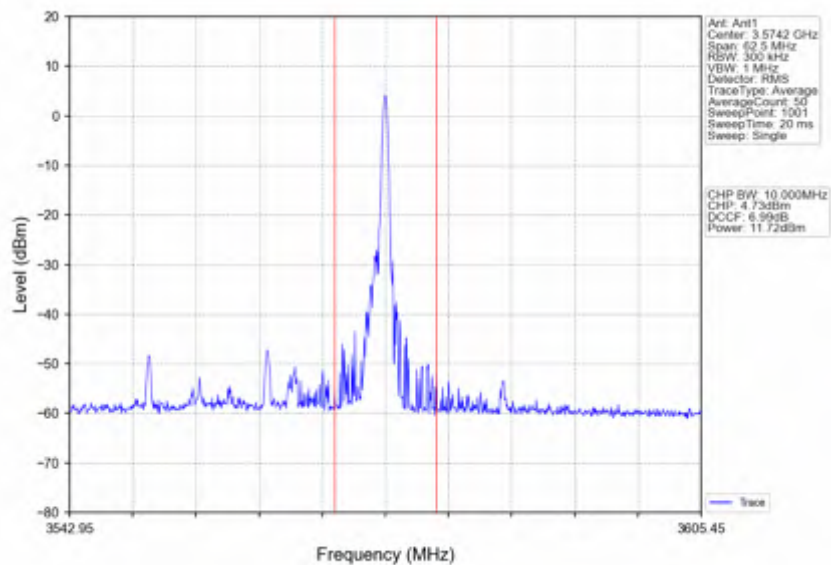
0512-57350888 0512-57370910 www.sgs.com.cn

0512-57350883 0512-57370911 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_3562.5MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_3562.5MHz_Inner_1RB_Right

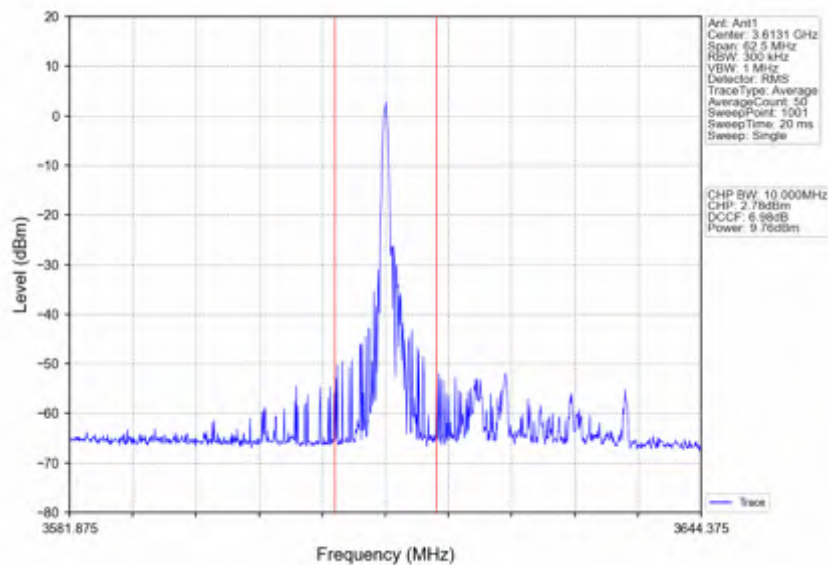


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in the instructions and is not intended to be, nor shall it be, a substitute for professional advice. The Company's intervention is provided on a "best effort" basis and is not intended to be, nor shall it be, a substitute for professional advice. The Company's intervention is provided 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 report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

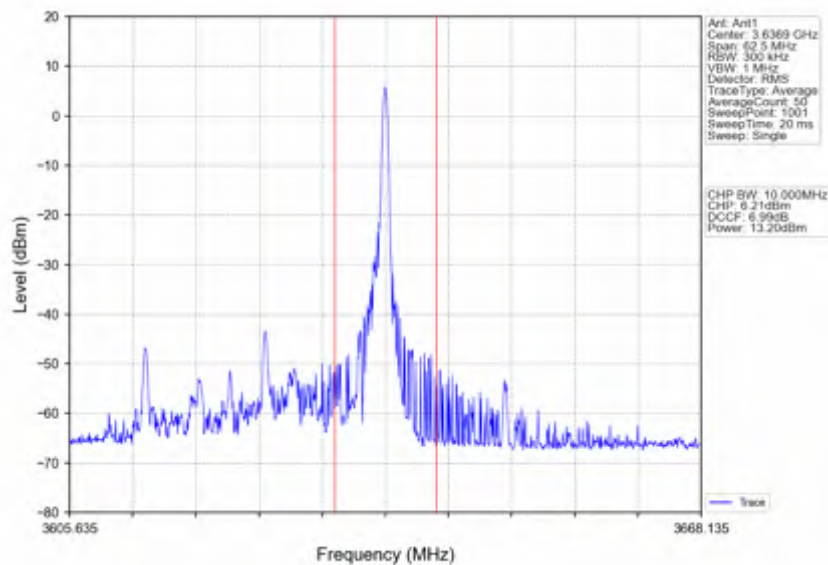
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_3625.005MHz_Edge_1RB_Right



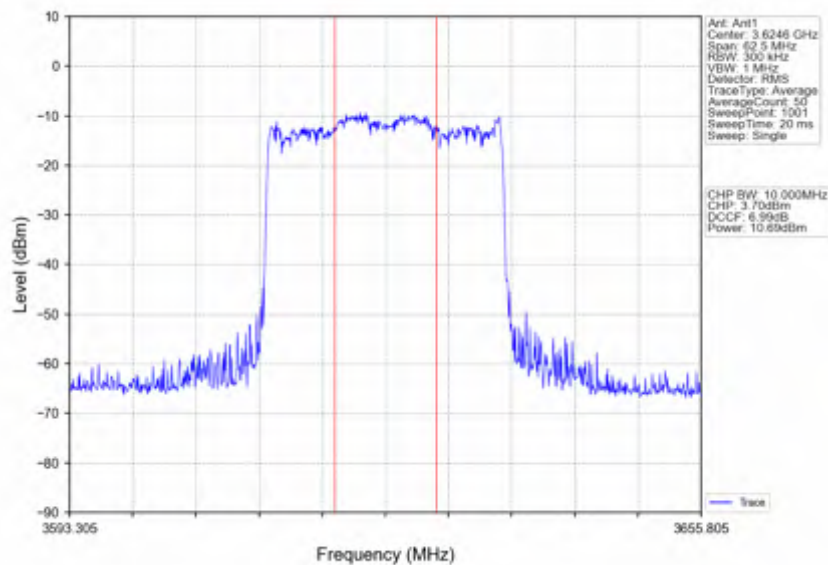
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 certification report & certificate, please connect us at sgs@sgs.com (86-512) 57370000 or email: CN-Check@sgs.com.

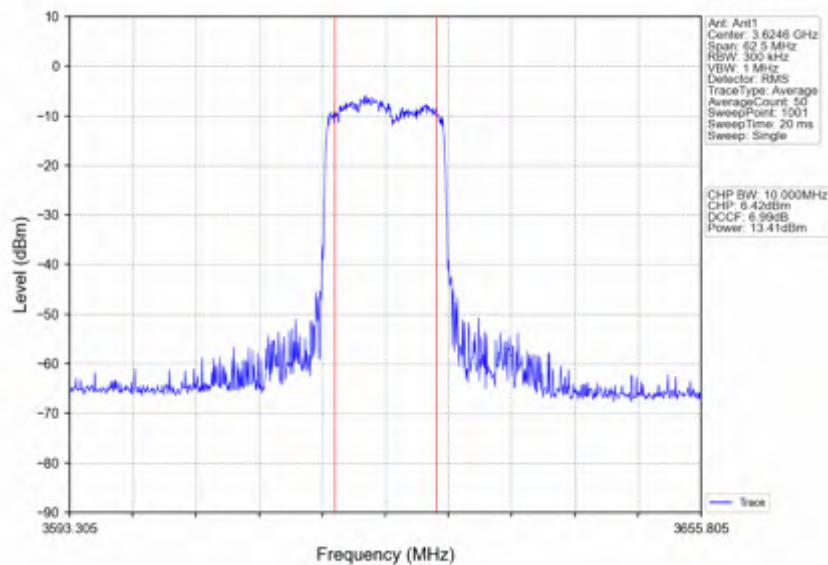
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

086-51257350888 086-51257370000 www.sgs.com.cn
086-51257350888 086-51257370000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_3625.005MHz_Inner_Full



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-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

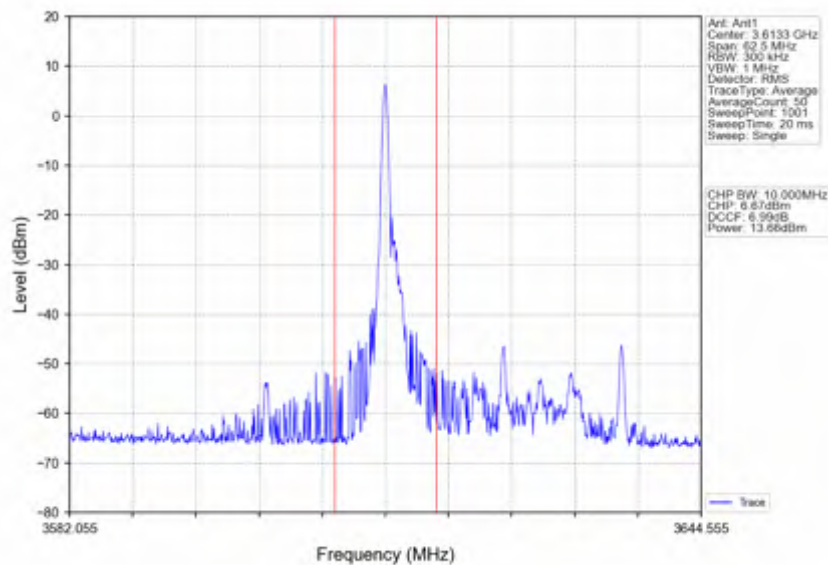
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

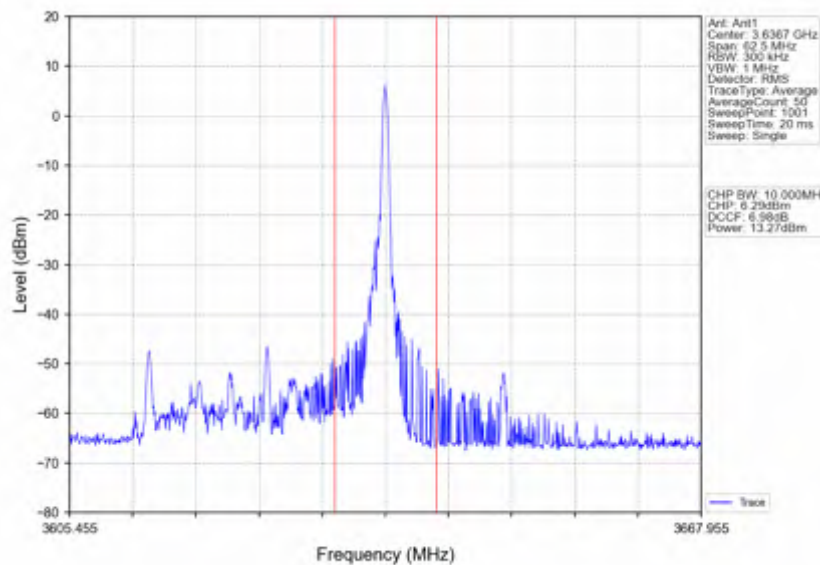
0512-57350888 0512-57370910 www.sgs.com.cn

0512-57350883 0512-57370911 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_3625.005MHz_Inner_1RB_Right

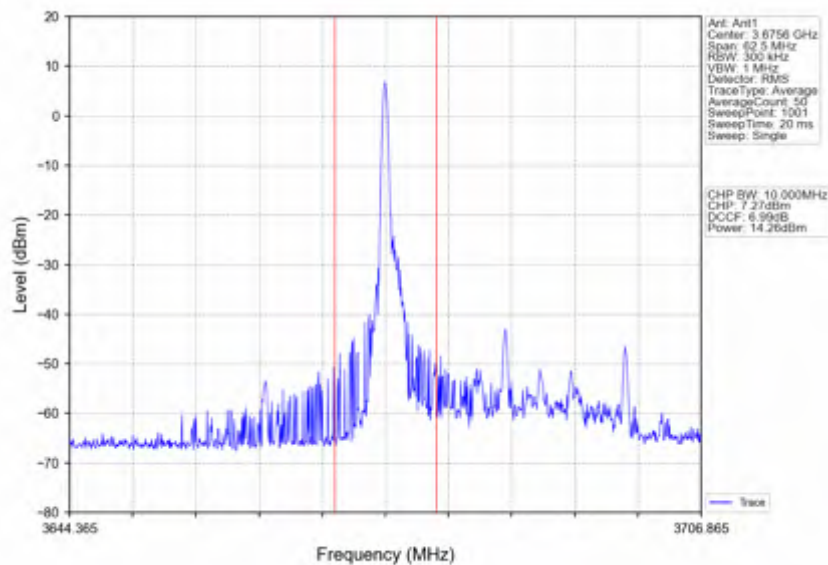


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/Products/ETSI%20Products%20and%20Conditions> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility for the accuracy of the evidence contained in the document. The Company's liability is limited to the extent, and subject to the conditions, set out in the General Conditions of Service and the Terms and Conditions for Electronic Documents, which are incorporated by reference into this document. 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the fast reporting service, please contact us at fastreport@etsi.com or <tel:+352437342000>.

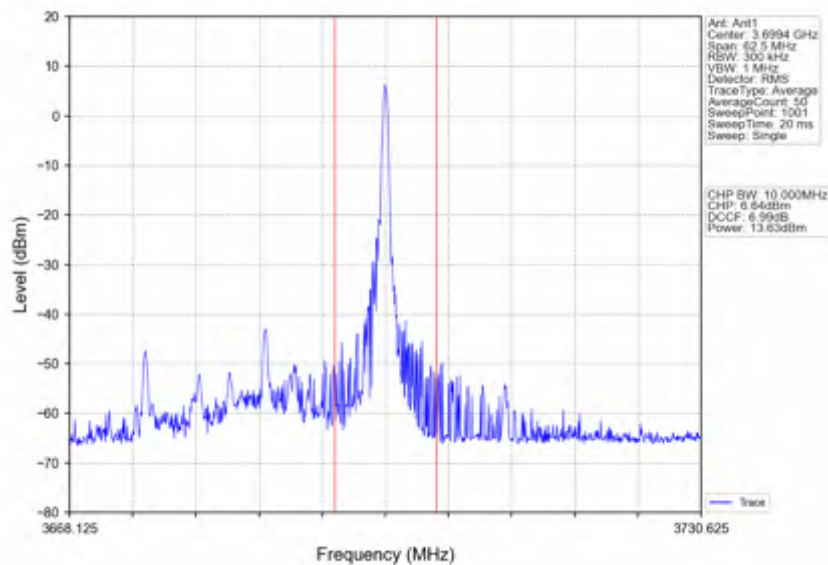
中国·江苏·昆山市周庄学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_3687.495MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_3687.495MHz_Edge_1RB_Right

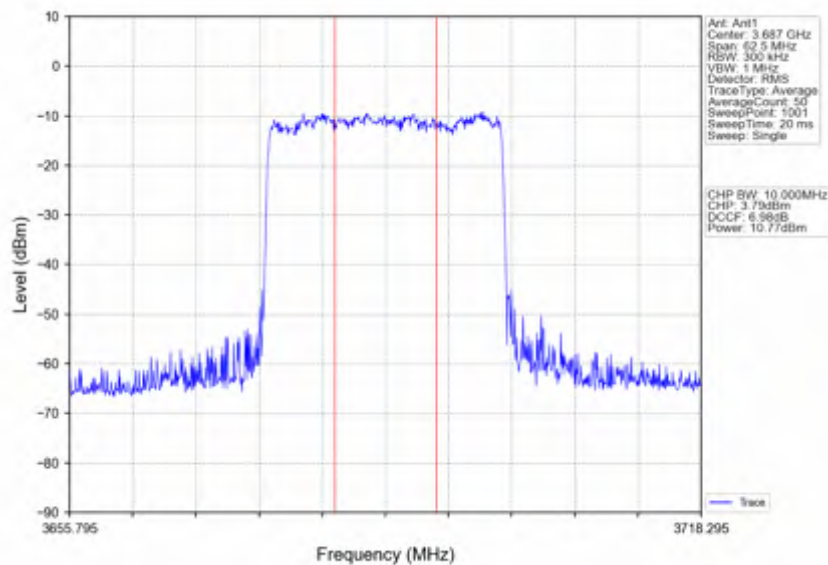


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.usc.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.usc.com/en/Terms-and-Conditions/Terms-a-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 its instructions, if any. The Company's sole responsibility is to its client and this document is not to be made available to any third party without the Company's prior written approval. The Company's documents, documents and documents are not to be reproduced, copied or distributed in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, 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. info@usc.com or <tel:+353145222222> for further information or testing outside of the scope of this document. www.usc.com [05/23/2017]

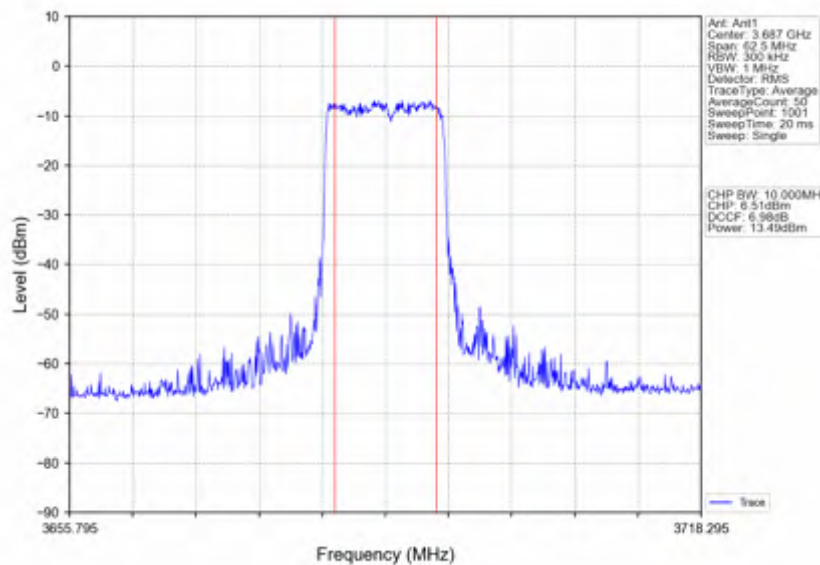
No. 10, Waiye Road, Innovation Park, Komsan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

86-5125735688 86-5125737011 www.sgschina.com.cn
86-5125735688 86-5125737011 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_3687.495MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_3687.495MHz_Inner_Full



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

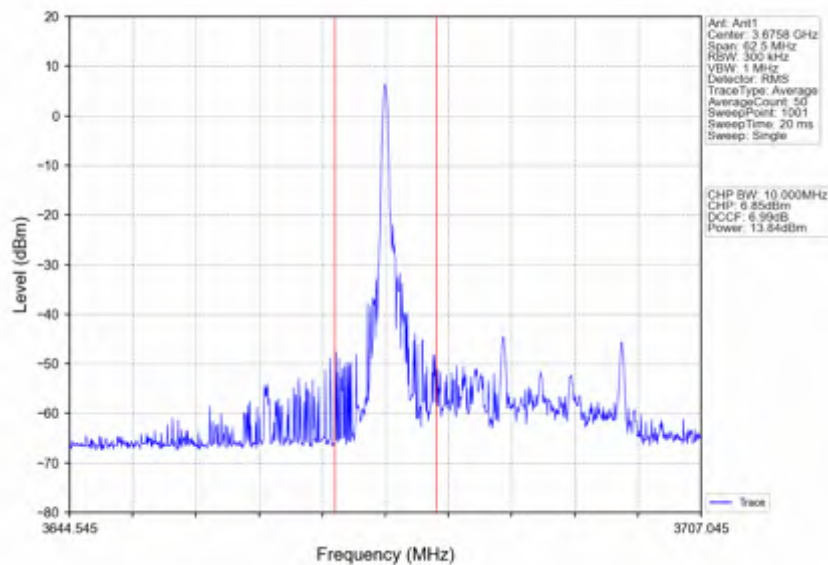
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

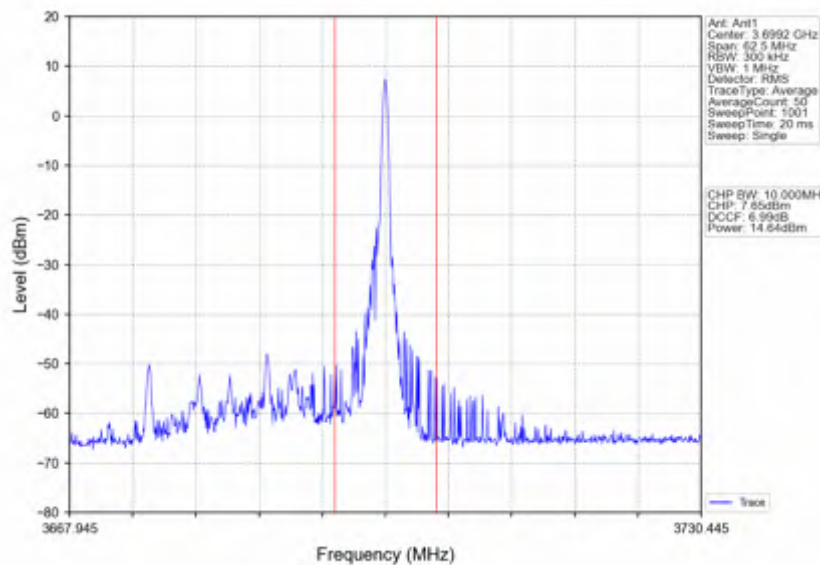
086-51215735088 086-51215737010 www.sgs.com.cn

086-51215735088 086-51215737010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_3687.495MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_3687.495MHz_Inner_1RB_Right

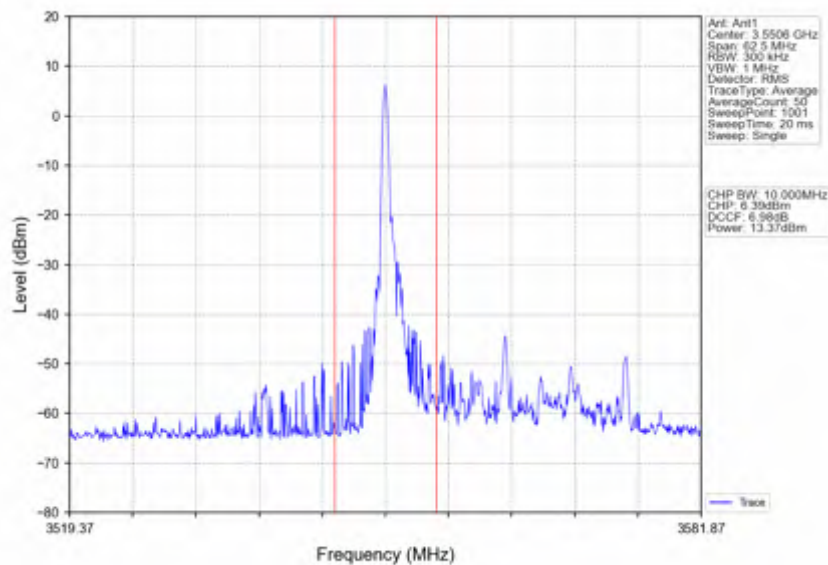


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.org/standards-portal/terms-and-conditions.aspx> and for which the Company is not responsible. The document is subject to Terms and Conditions for Electronic Documents at <http://www.etsi.org/standards-portal/terms-and-conditions/Terms-a-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error, if reported, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. etsi@etsi.org or <tel:+352437342000> for testing requests and technical support. ETSI is located at: rue de la Loi 29, 1049 Luxembourg, Luxembourg. ETSI Legal Notice

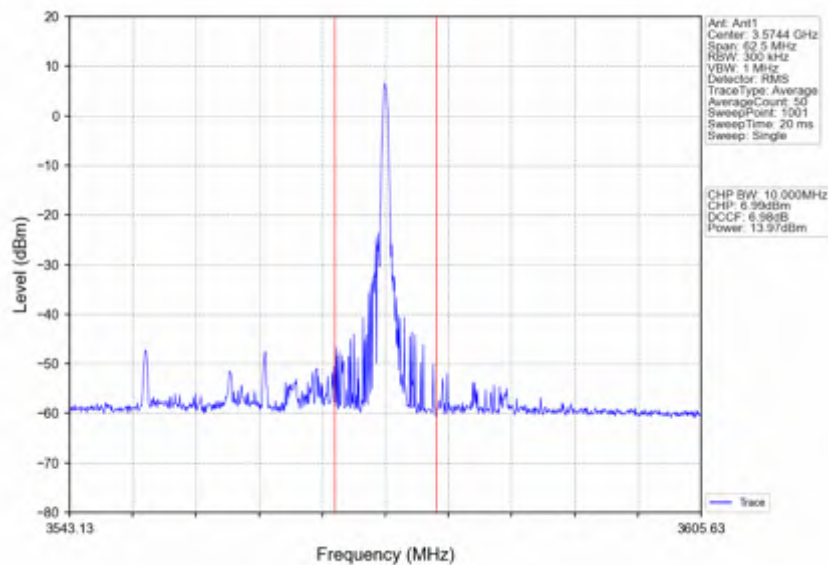
中国·江苏·昆山市周庄学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_3562.5MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_3562.5MHz_Edge_1RB_Right



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-a-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 report and certificates, please connect us at sgs@sgs.com or CH.Official@sgs.com.

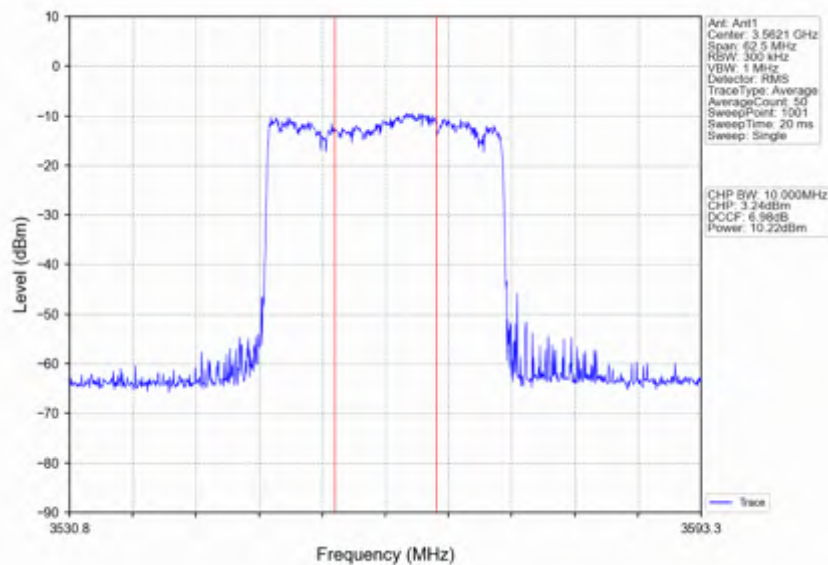
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

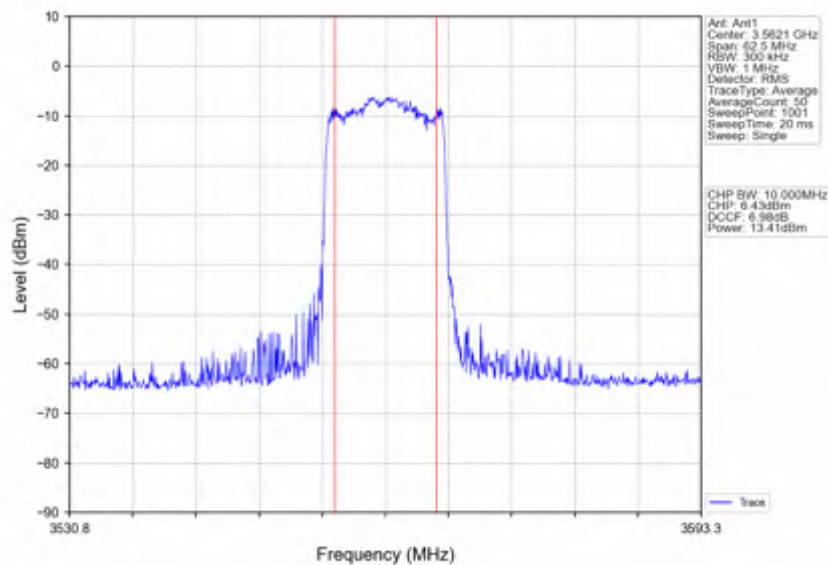
0561-512157350888 0561-512157370910 www.sgs.com.cn

0561-512157350888 0561-512157370910 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_3562.5MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_3562.5MHz_Inner_Full



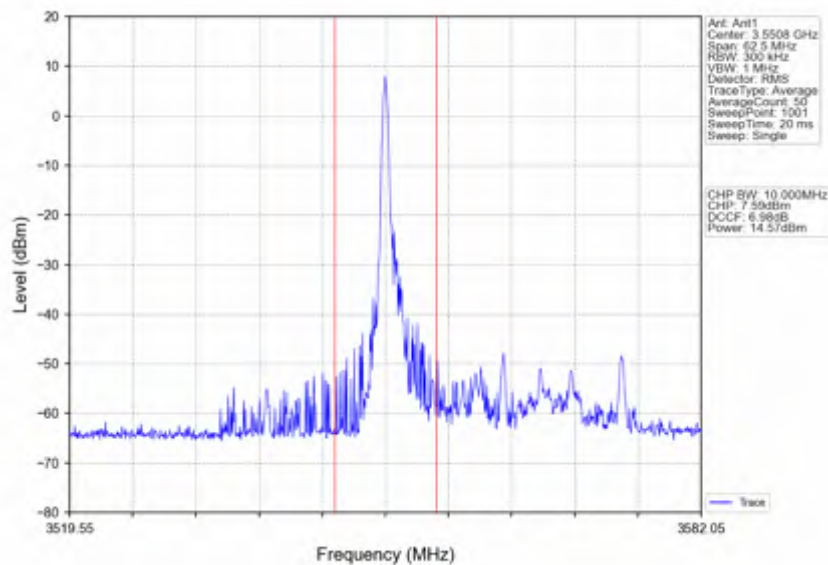
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 report and certificates, please connect us at sgs@sgs.com or CN-Online@sgs.com.

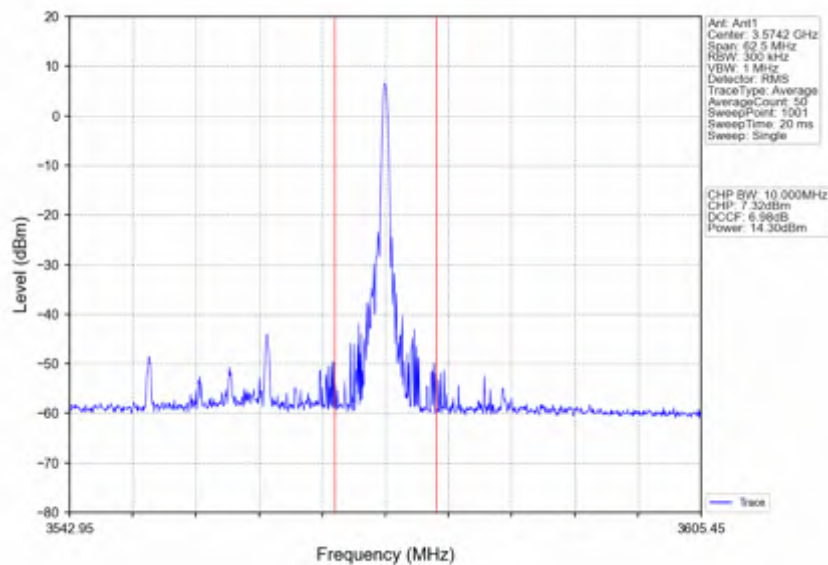
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

086-51215735088 086-51215737010 www.sgs.com.cn
086-51215735088 086-51215737010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_3562.5MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_3562.5MHz_Inner_1RB_Right

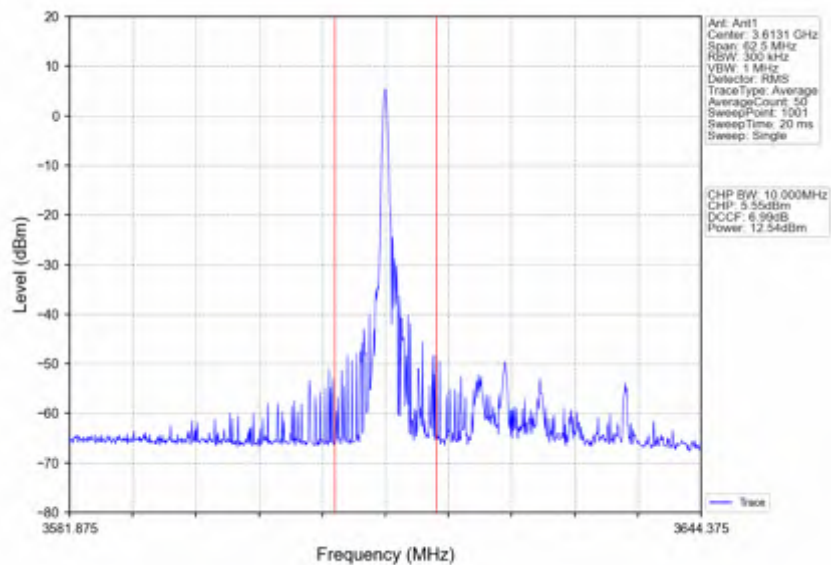


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 samples shown in this fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

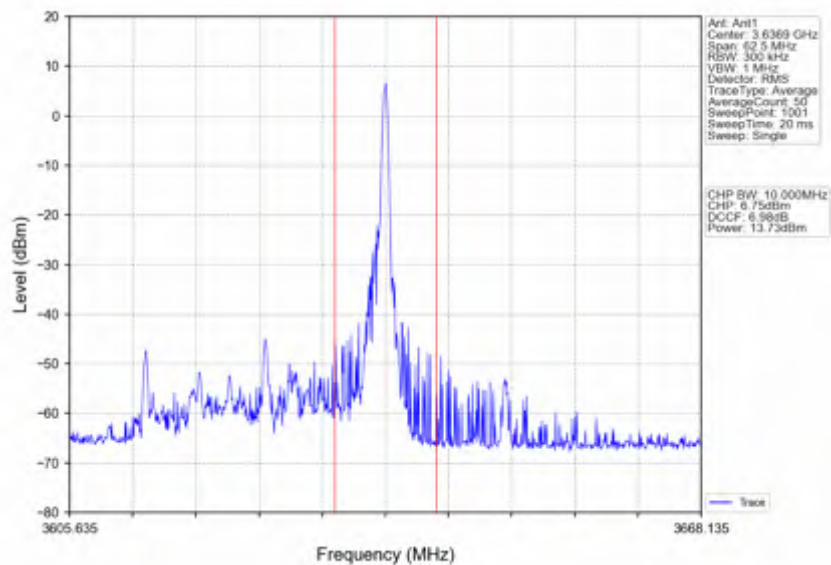
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_3625.005MHz_Edge_1RB_Right

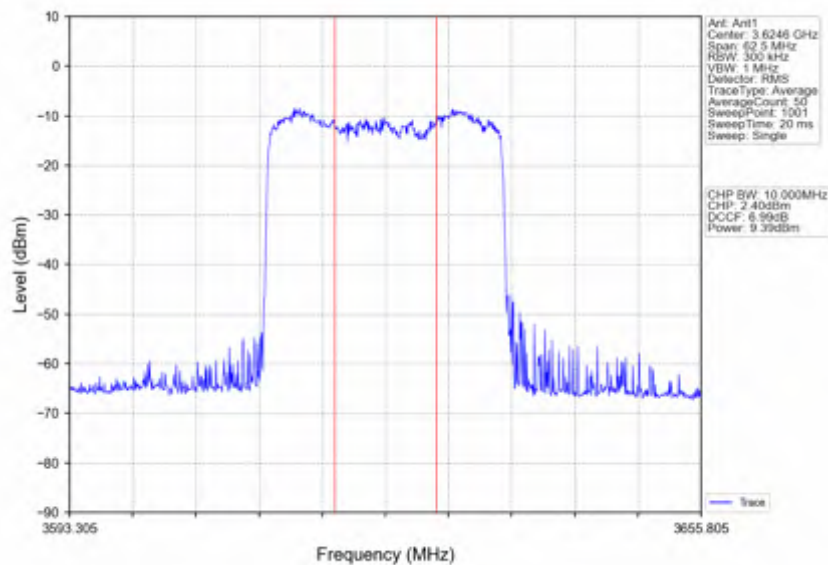


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/Products/ETSI%20Terms%20and%20Conditions> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/Products/Terms-and-Conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility for the accuracy of the evidence submitted. The Company's findings are not admissible in evidence, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the Company at info@etsi.com or <tel:+352437342000>.

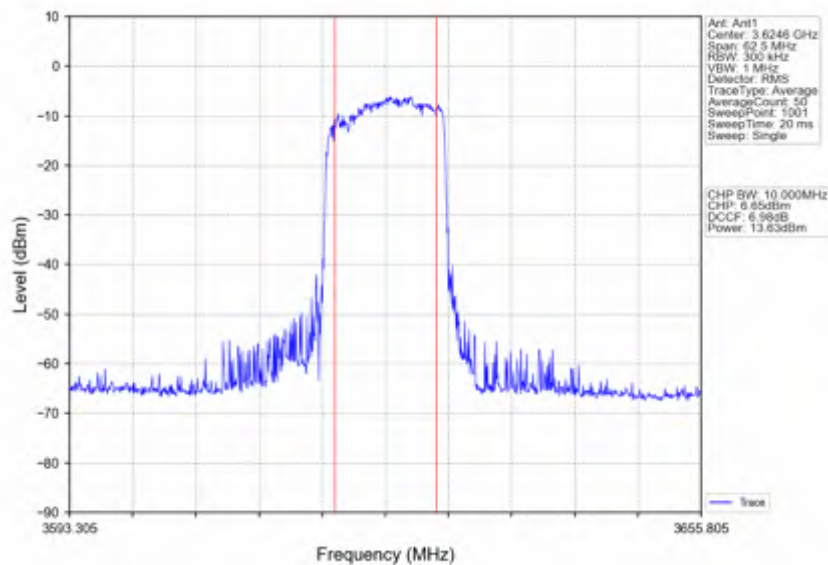
中国·江苏·昆山市周庄生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_3625.005MHz_Outer_Full



n78d	15kHz	SISO	NTNV	25MHz	DFT-s-OFDM	16 QAM	3625.005MHz	Inner	Full
------	-------	------	------	-------	------------	--------	-------------	-------	------

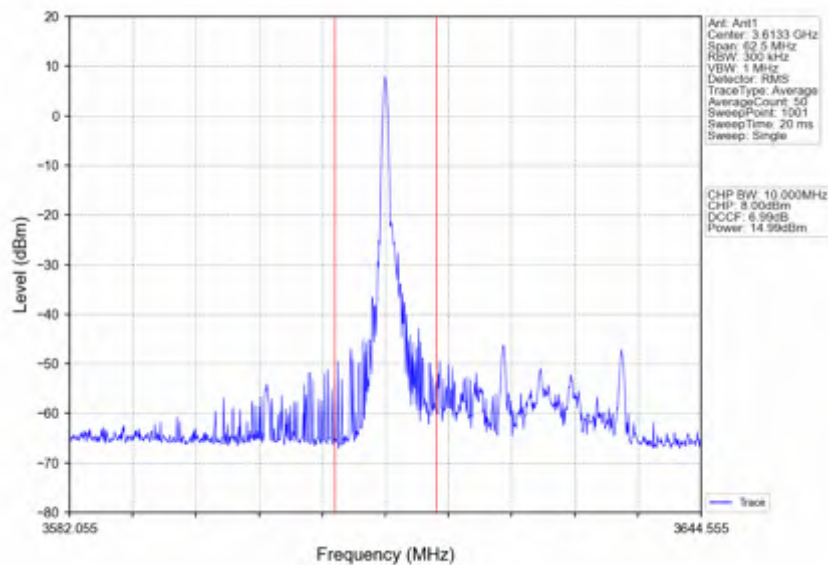


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/ETSI-Products-and-Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's findings are contained in the document and are not subject to any appeal, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the Company at info@etsi.com or <tel:+352437341000>.

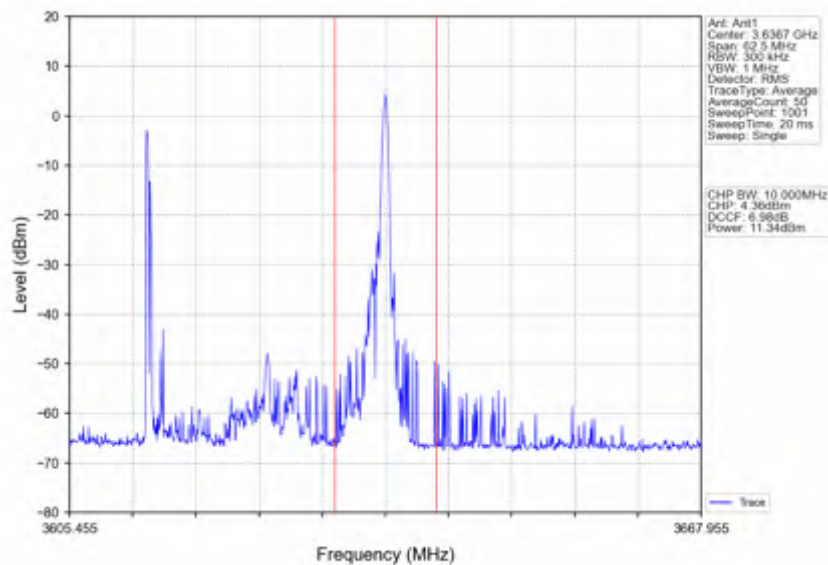
No. 10, Waiye Road, Innovation Park, Keshan, Jiangsu, China 215300
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_3625.005MHz_Inner_1RB_Right

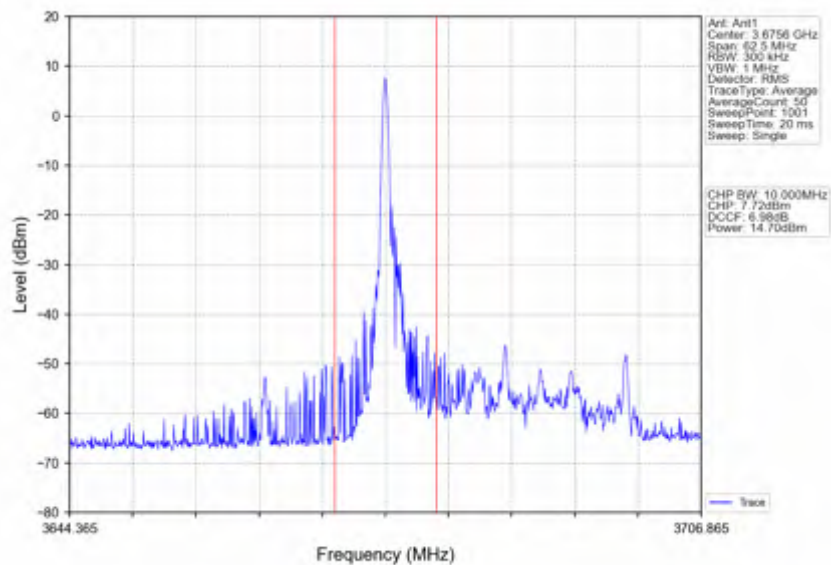


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 samples shown in this fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

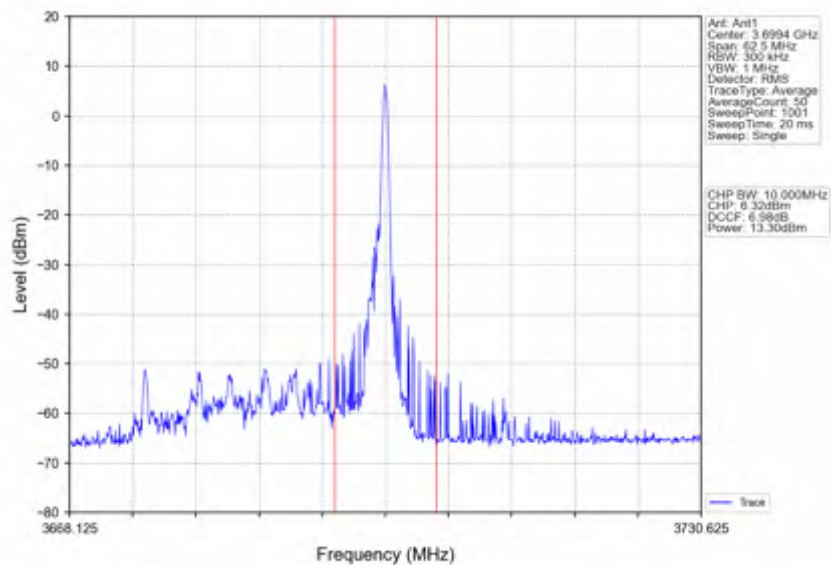
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_3687.495MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_3687.495MHz_Edge_1RB_Right

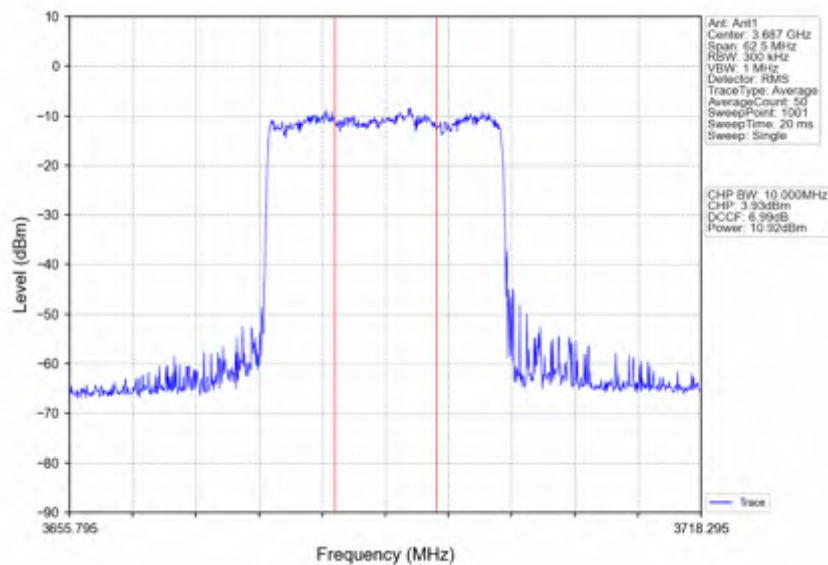


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in the instructions and is without prejudice, 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 report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

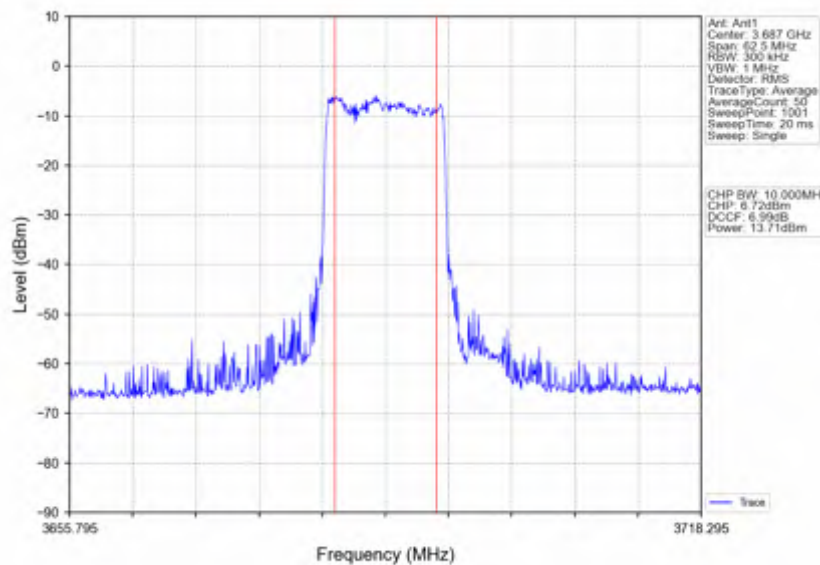
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d 15kHz SISO NTNv 25MHz DFT-s-OFDM 16 QAM 3687.495MHz Outer Full



n78d	15kHz	SISO	NTNV	25MHz	DFT-s-OFDM	16 QAM	3687.495MHz	Inner	Full
------	-------	------	------	-------	------------	--------	-------------	-------	------

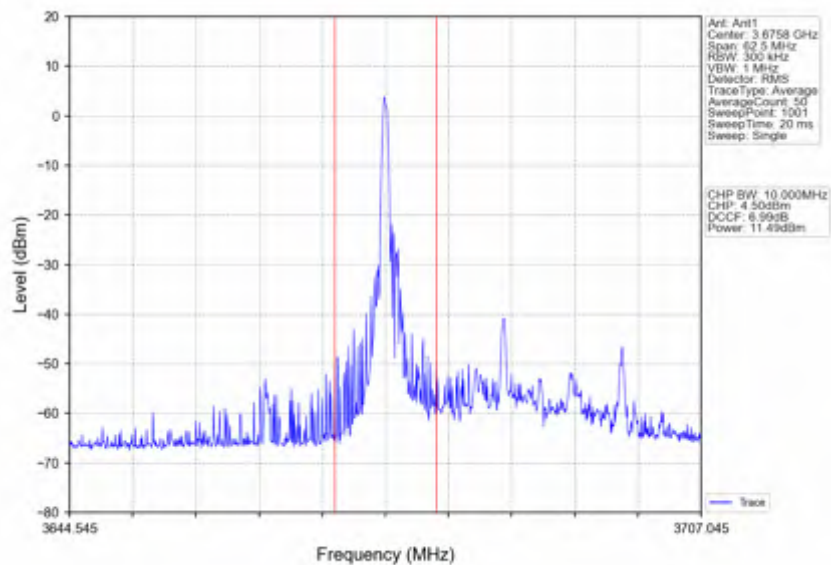


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/ETSI%20Terms%20and%20Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error, if reported, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the Company at info@etsi.com or <tel:+352437342000>.

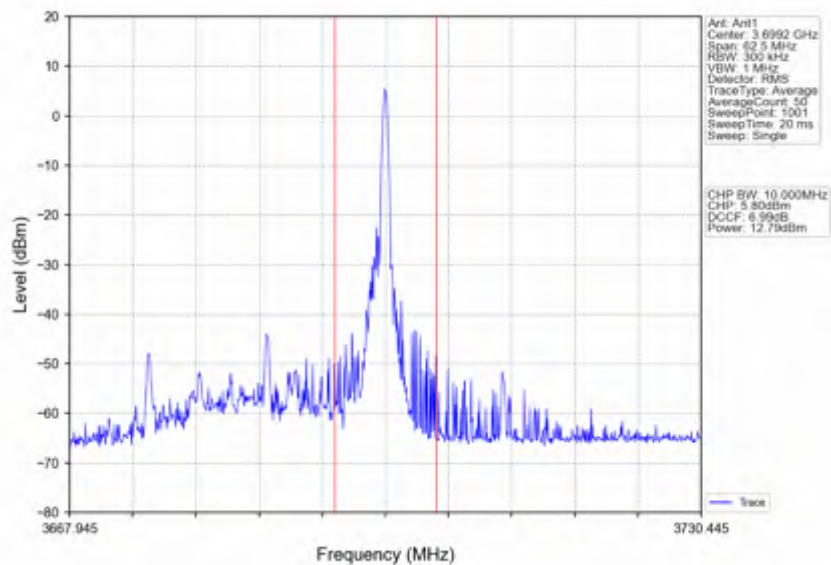
中国·江苏·昆山市留學生创业園伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_3687.495MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_3687.495MHz_Inner_1RB_Right

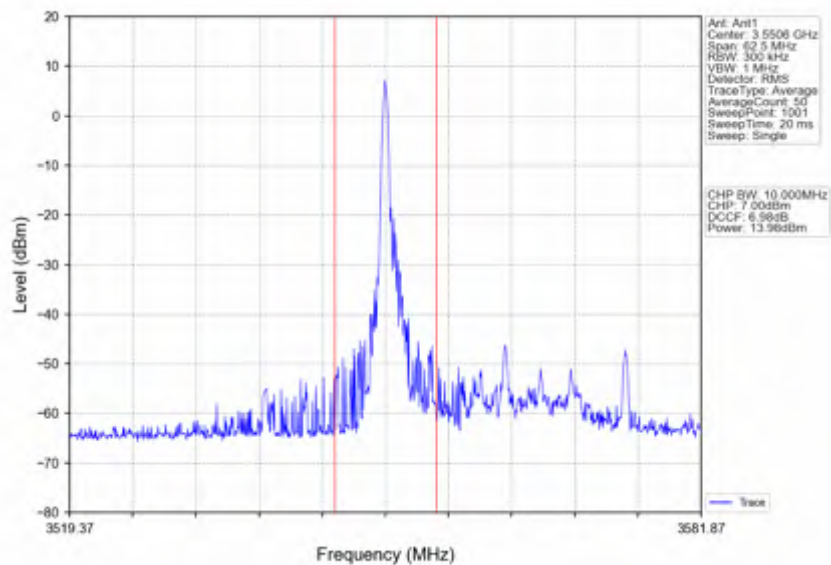


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/Products/ETSI%20Terms%20and%20Conditions> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error in the report, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this fast report or for testing reports to electronic devices, please contact us at info@etsi.com or <tel:+352437342000>.

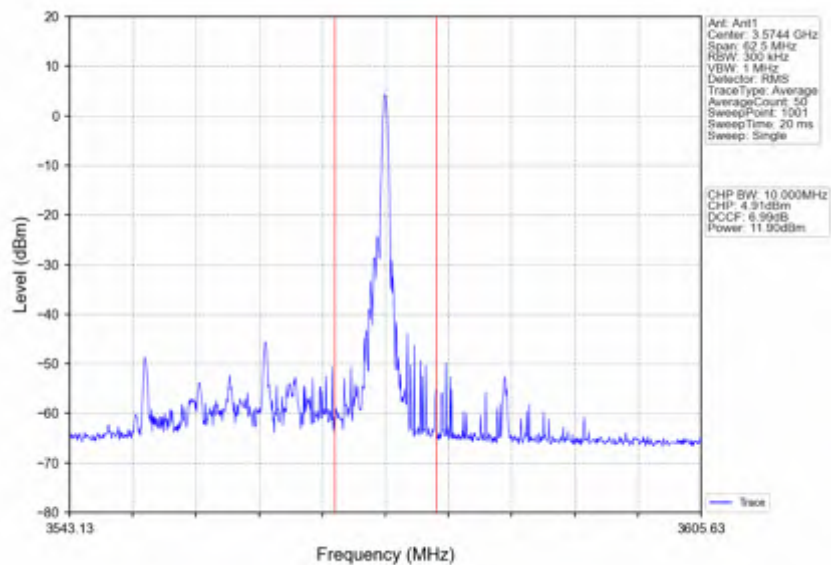
No. 10, Waiye Road, Innovation Park, Keshan, Jiangsu, China 215300
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_64_QAM_3562.5MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_64_QAM_3562.5MHz_Edge_1RB_Right

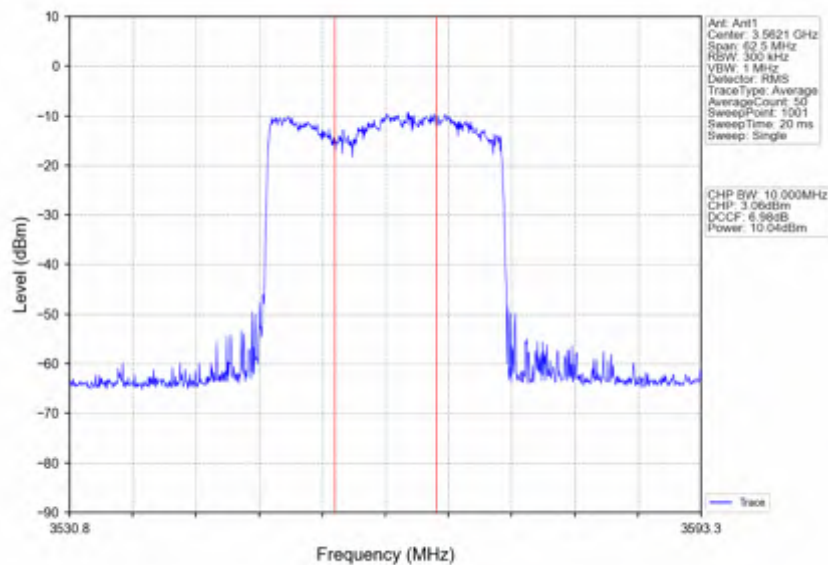


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in the instructions and is without prejudice, 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 samples shown in this report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

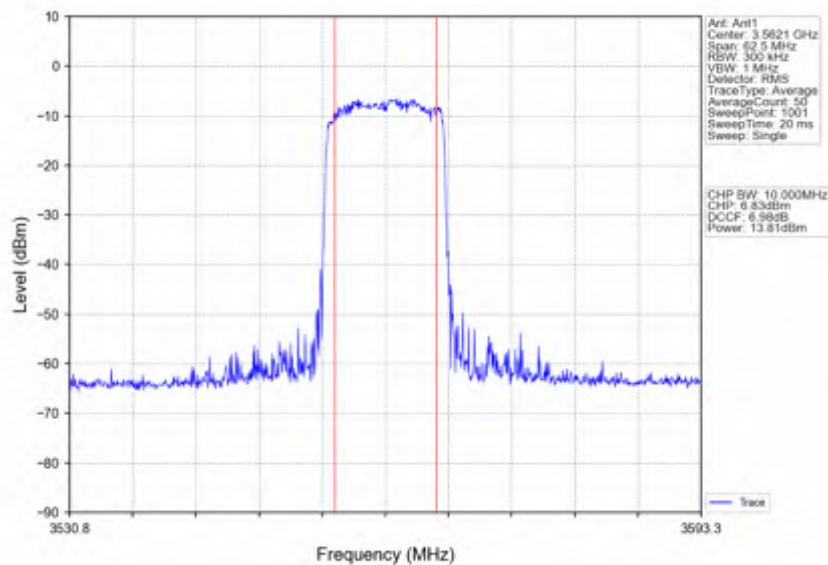
No. 10, Waiye Road, Innovation Park, Keshan, Jiangsu, China 215300
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM 64 QAM_3562.5MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM 64 QAM_3562.5MHz_Inner_Full



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-a-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 certification report & certificate, please connect us at china@sgs.com or email: CN-Online@sgs.com.

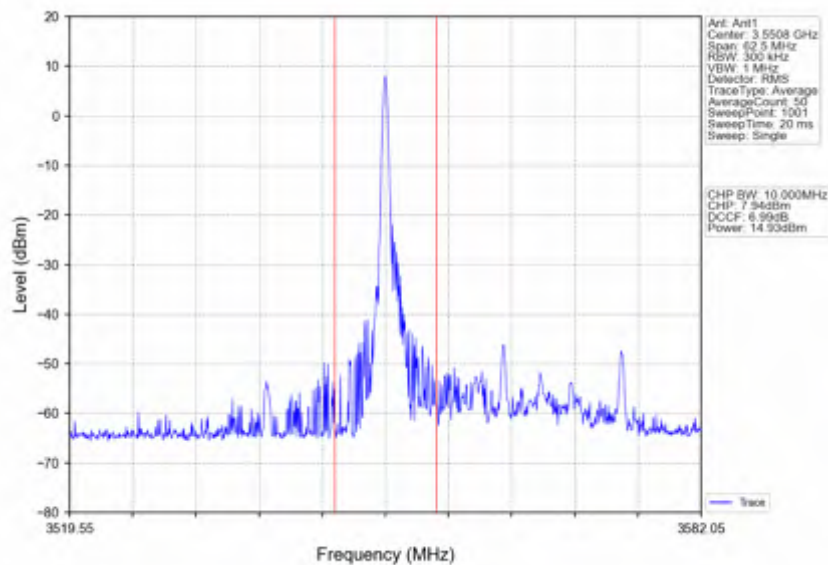
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

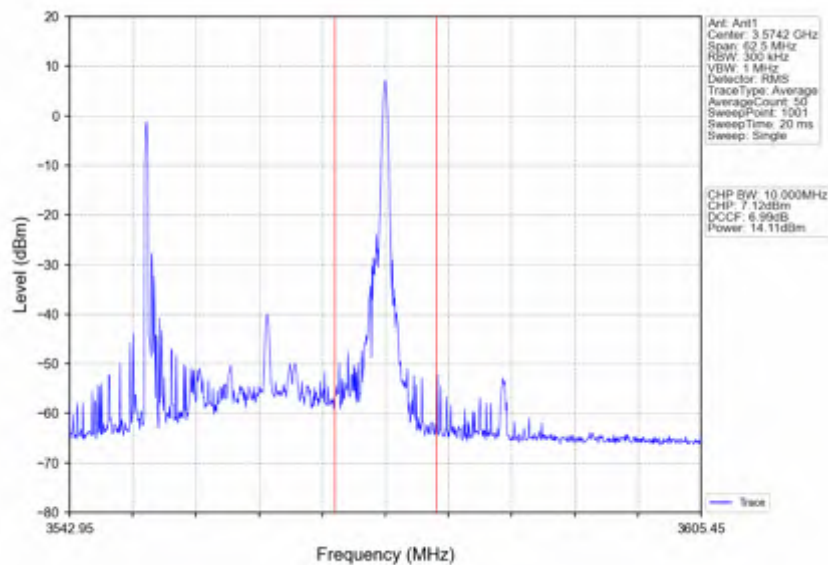
0086-51257350888 006-51257370910 www.sgs.com.cn

0086-51257350888 006-51257370910 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_64_QAM_3562.5MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_64_QAM_3562.5MHz_Inner_1RB_Right

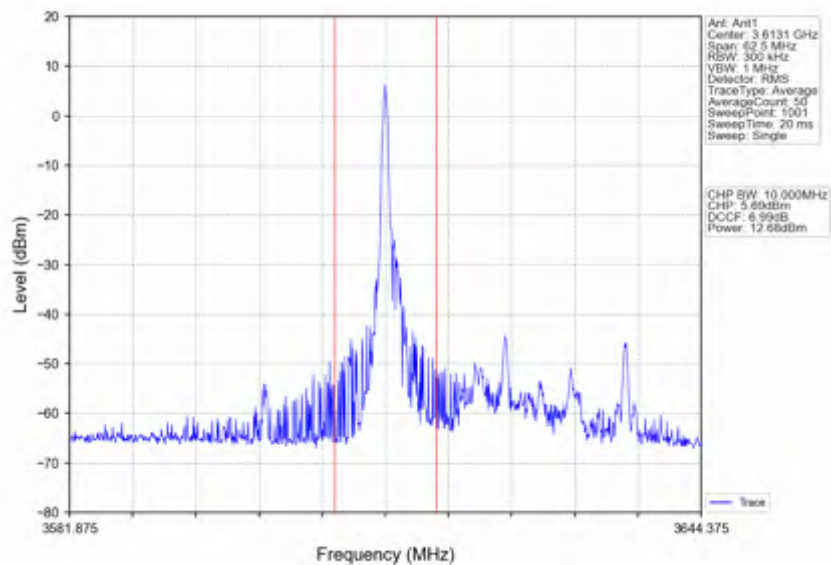


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Filings at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 samples shown in this fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

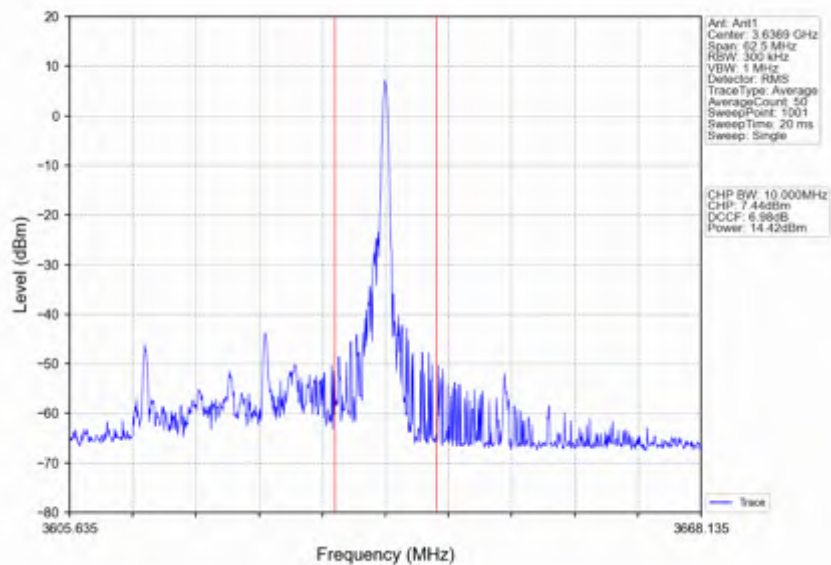
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737091 www.sgsgroup.com.cn
086-5125735688 086-5125737091 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_64_QAM_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_64_QAM_3625.005MHz_Edge_1RB_Right

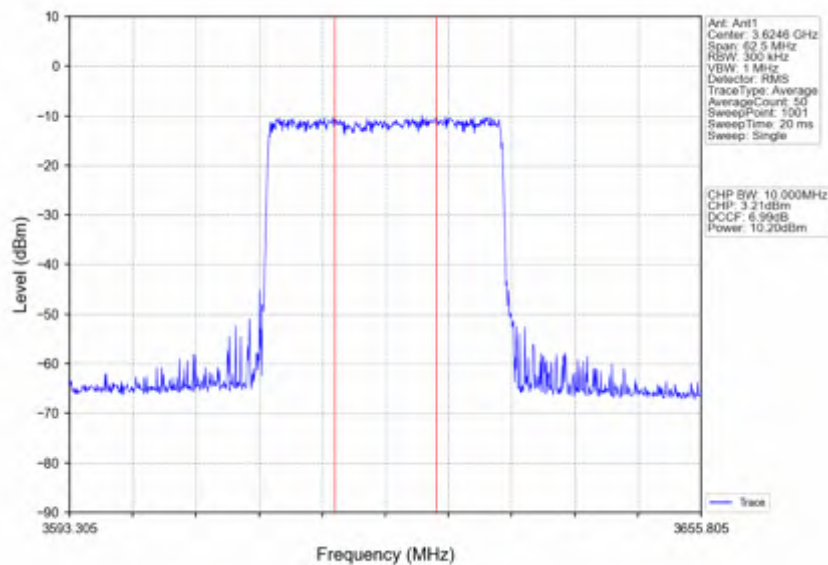


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/Products/ETSI%20Products%20and%20Conditions> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error in the report, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the Company at info@etsi.com or <tel:+352437342000>.

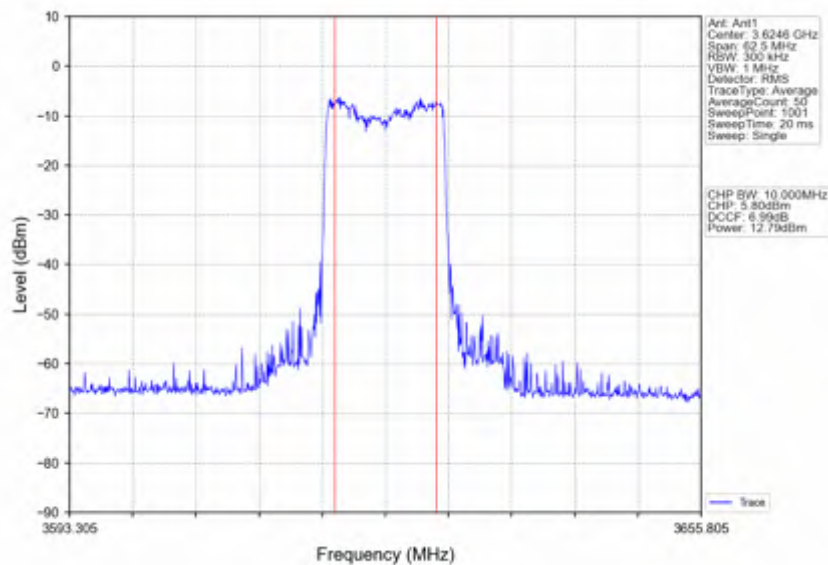
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM 64 QAM_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM 64 QAM_3625.005MHz_Inner_Full



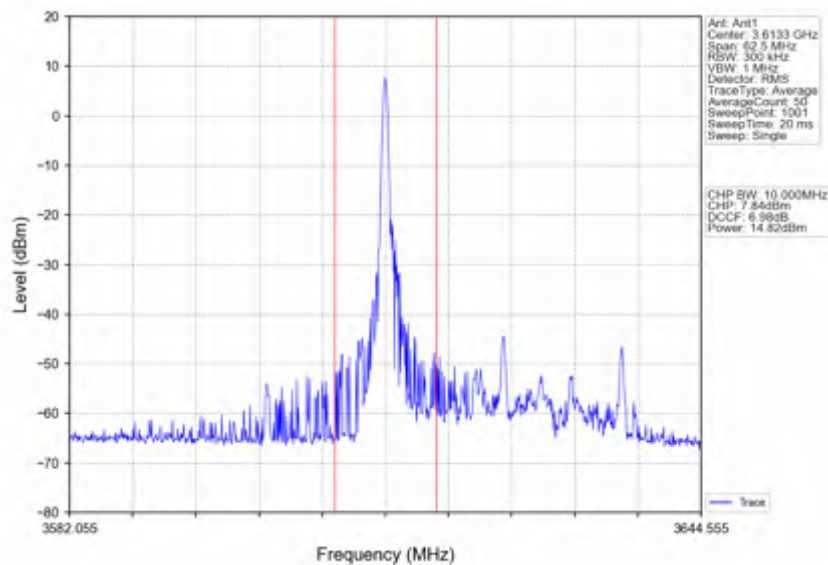
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com (86-512) 57370000 or email: CN-Online@sgs.com.

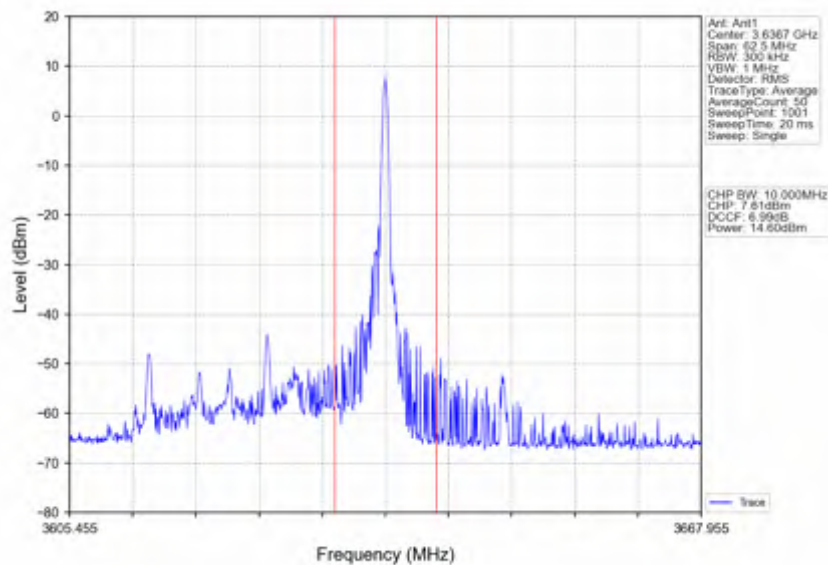
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

086-51257350888 086-51257370000 www.sgs.com.cn
086-51257350888 086-51257370000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM 64 QAM_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM 64 QAM_3625.005MHz_Inner_1RB_Right



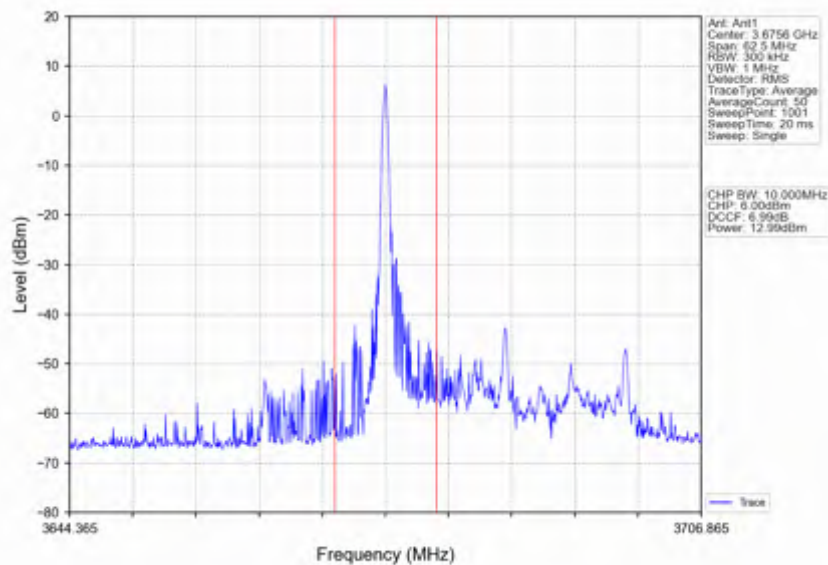
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 certification report & certificate, please connect us at sgs@sgs.com or sgs@sgs.com or email: CN-Online@sgs.com.

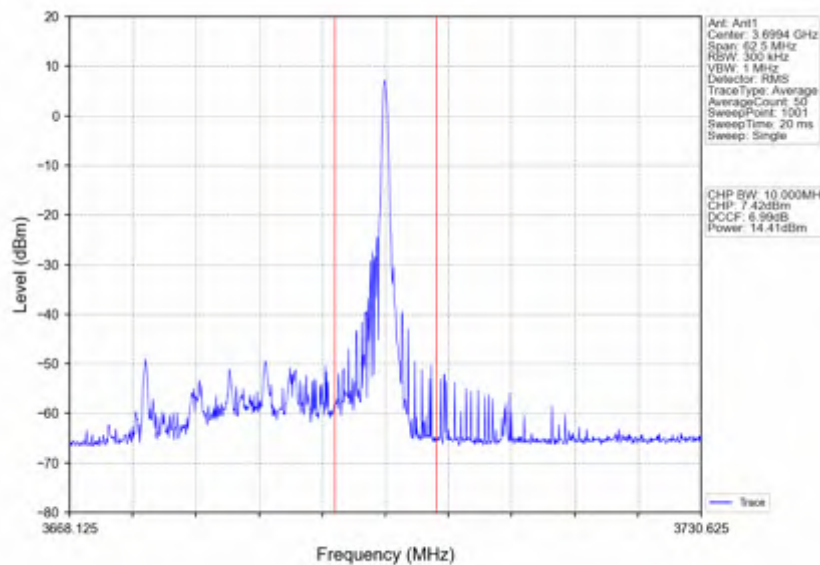
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

086-51215735088 086-51215737010 www.sgs.com.cn
086-51215735088 086-51215737010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_64_QAM_3687.495MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_64_QAM_3687.495MHz_Edge_1RB_Right

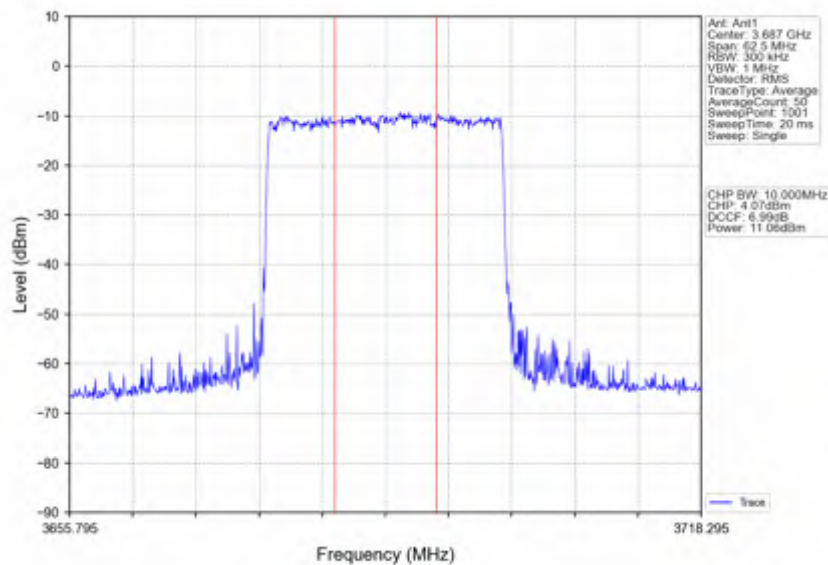


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

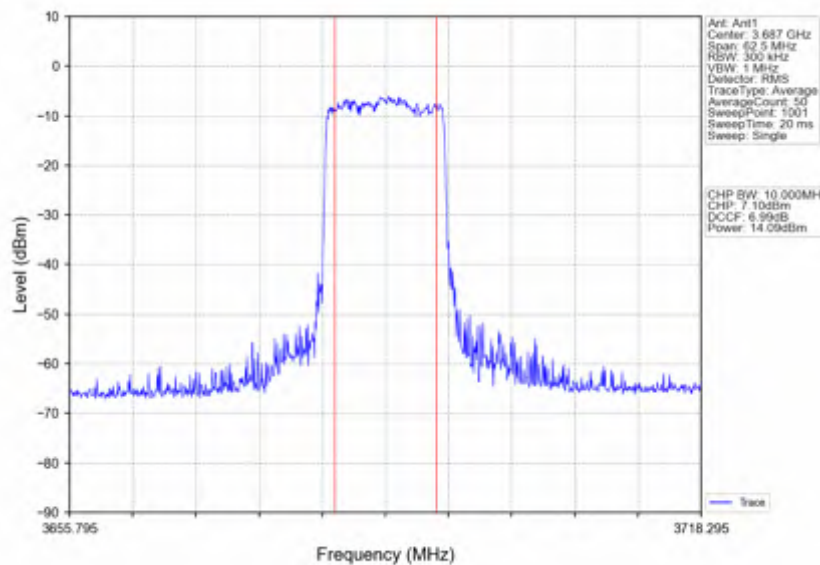
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_64_QAM_3687.495MHz_Outer_Full



n78d	15kHz	SISO	NTNV	25MHz	DFT-s-OFDM	64 QAM	3687.495MHz	Inner	Full
------	-------	------	------	-------	------------	--------	-------------	-------	------

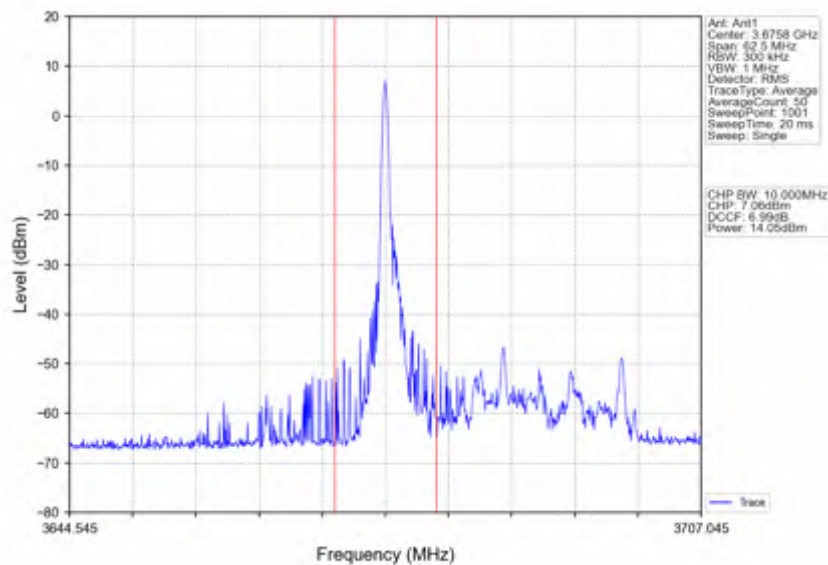


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/Products/ETSI%20Products%20and%20Conditions> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error in the report, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this fast report or for testing under court-ordered conditions, please contact us at info@etsi.com or <tel:+352437342000>.

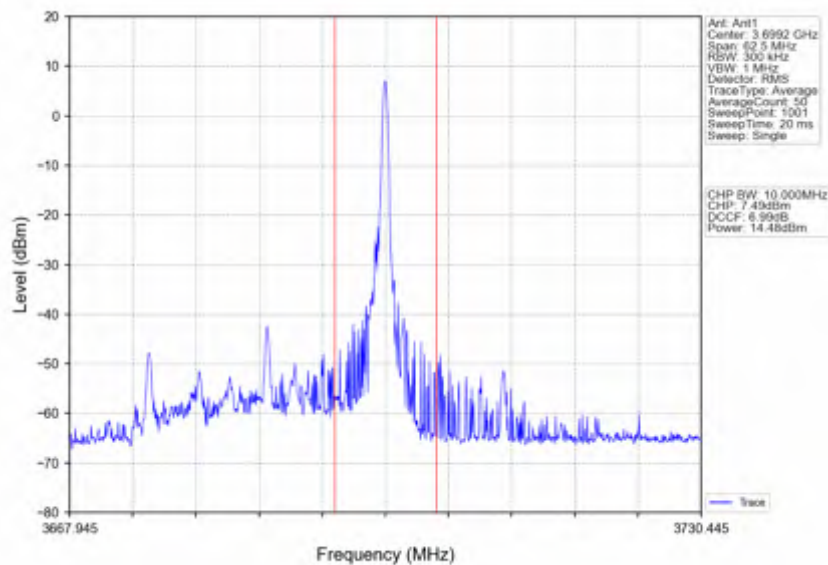
No. 10, Waiye Road, Innovation Park, Keshan, Jiangsu, China 215300
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_64_QAM_3687.495MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_64_QAM_3687.495MHz_Inner_1RB_Right



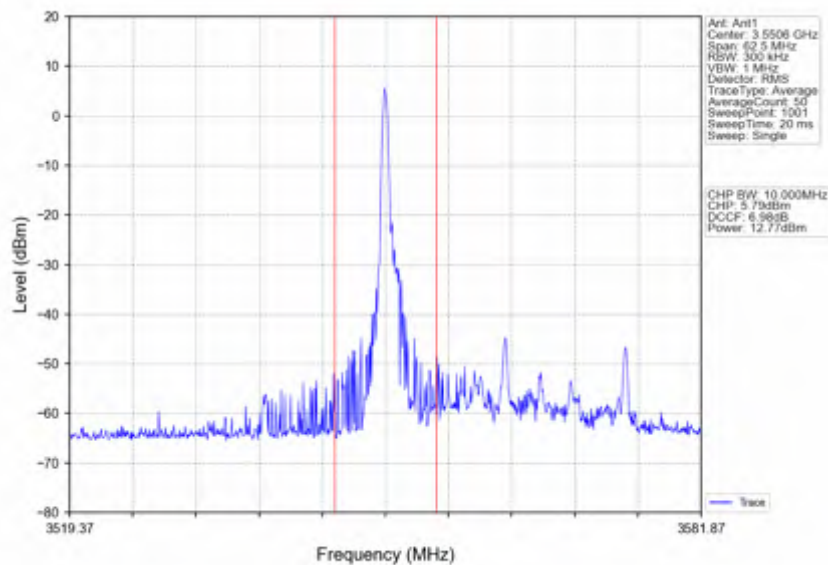
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 certification report & certificate, please connect us at sgs@sgs.com or CN-Online@sgs.com.

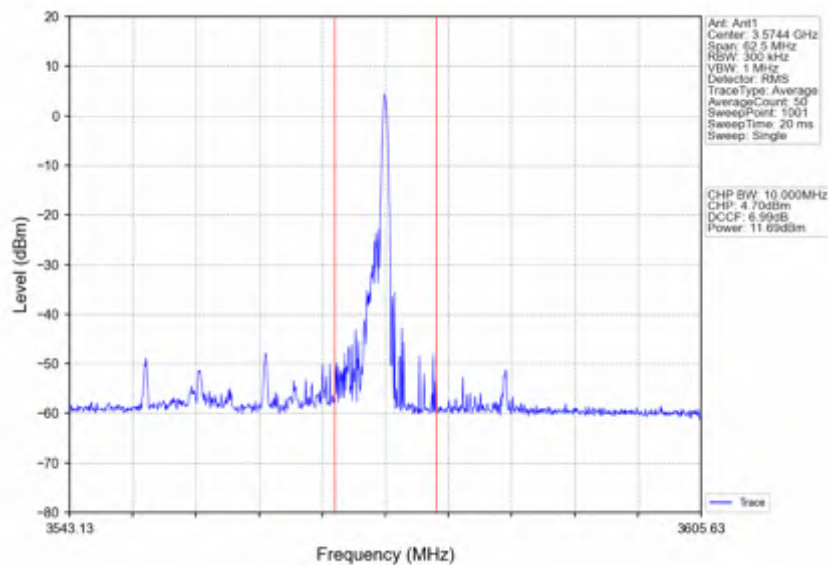
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

086-51215735088 086-51215737010 www.sgs.com.cn
086-51215735088 086-51215737010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM 256 QAM_3562.5MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM 256 QAM_3562.5MHz_Edge_1RB_Right



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

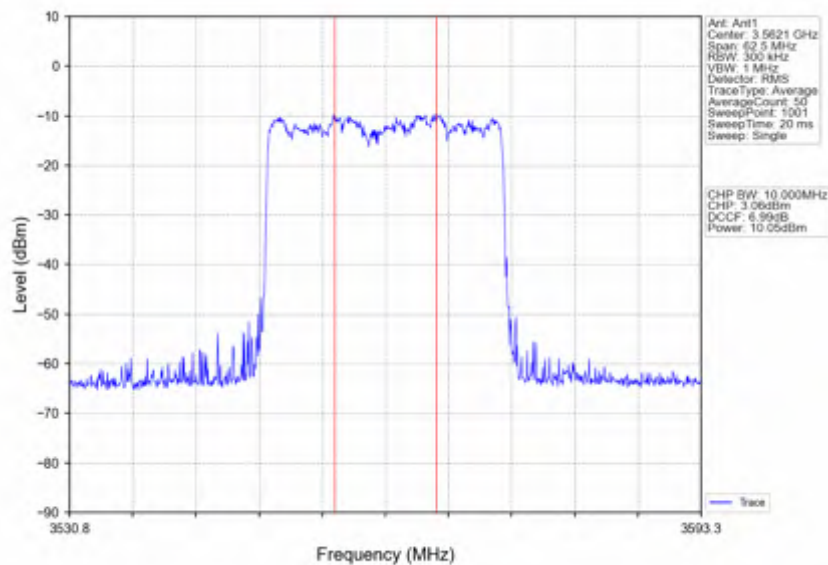
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

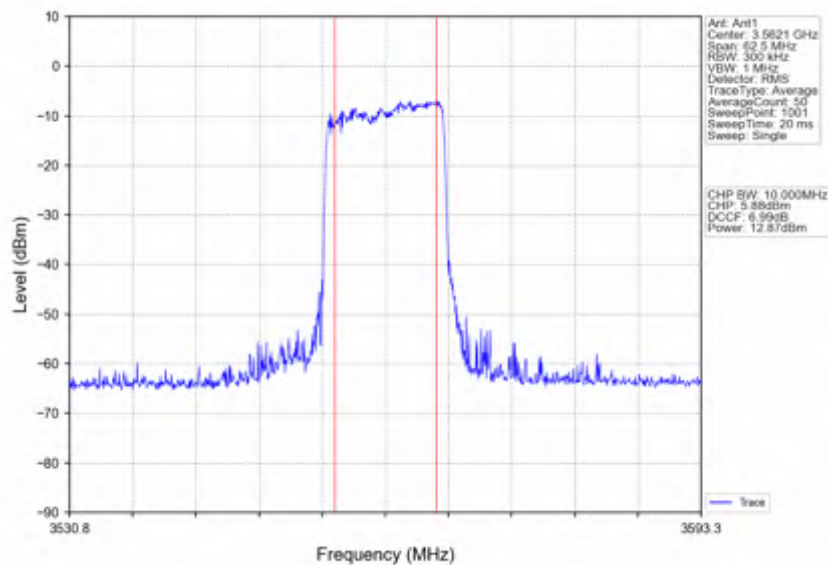
056-512157350888 056-512157370910 www.sgs.com.cn

056-512157350888 056-512157370910 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_3562.5MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_3562.5MHz_Inner_Full



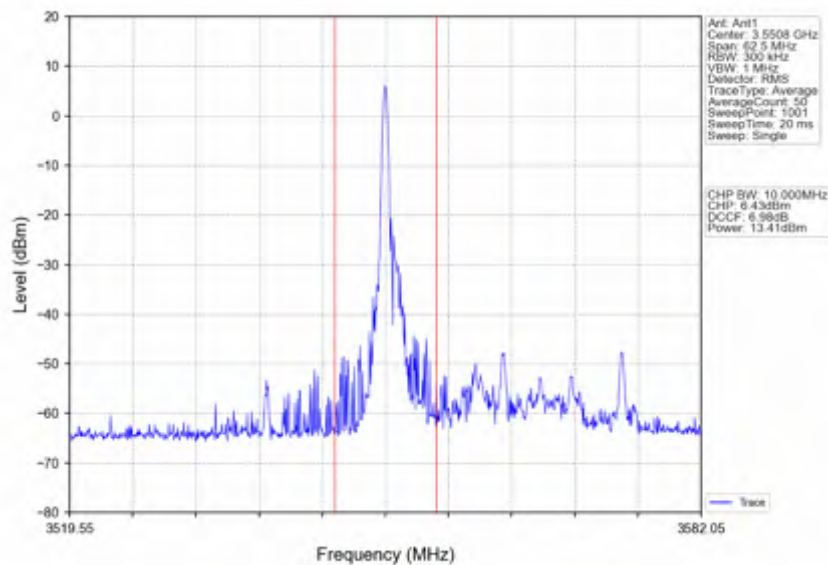
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 certification report & certificate, please connect us at sgs@sgs.com (86-512) 57370000 or email: CN-Online@sgs.com.

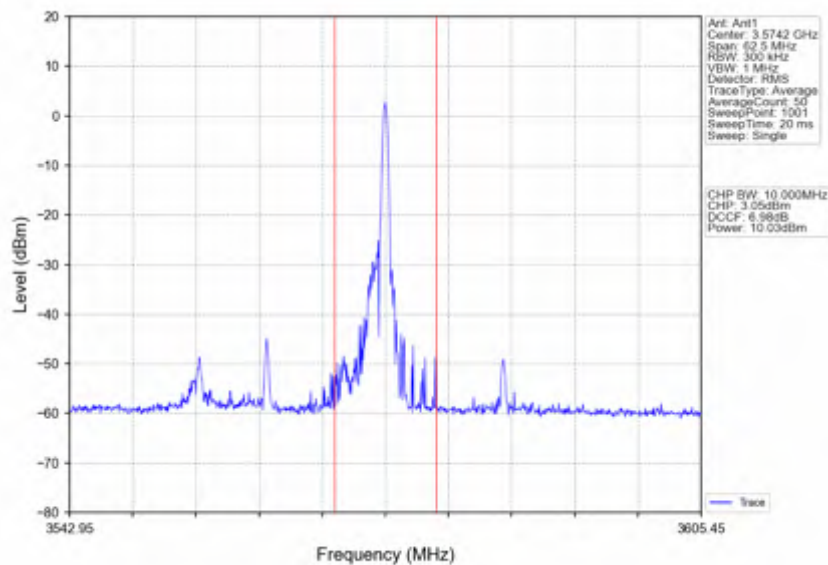
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

086-51257350888 086-51257370000 www.sgs.com.cn
086-51257350888 086-51257370000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_3562.5MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_3562.5MHz_Inner_1RB_Right



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 report and certificates, please connect us at sgs@sgs.com or CH.Official@sgs.com.

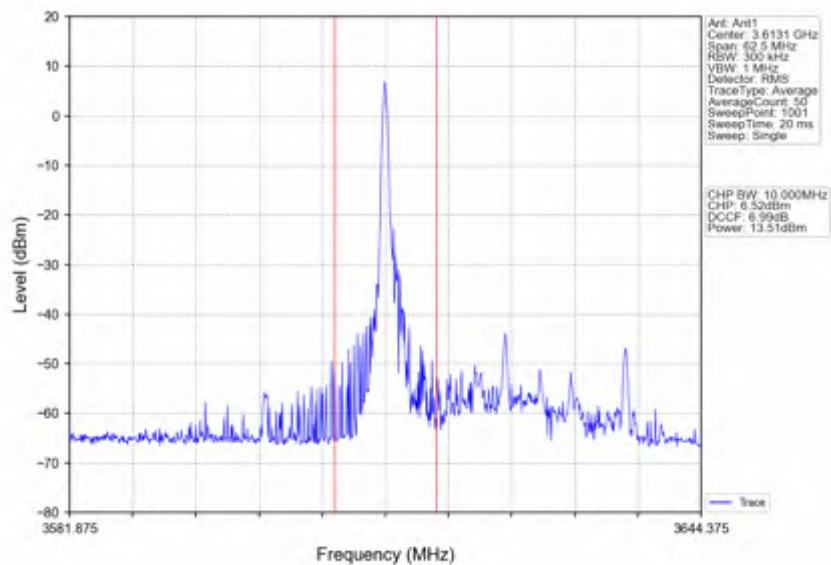
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

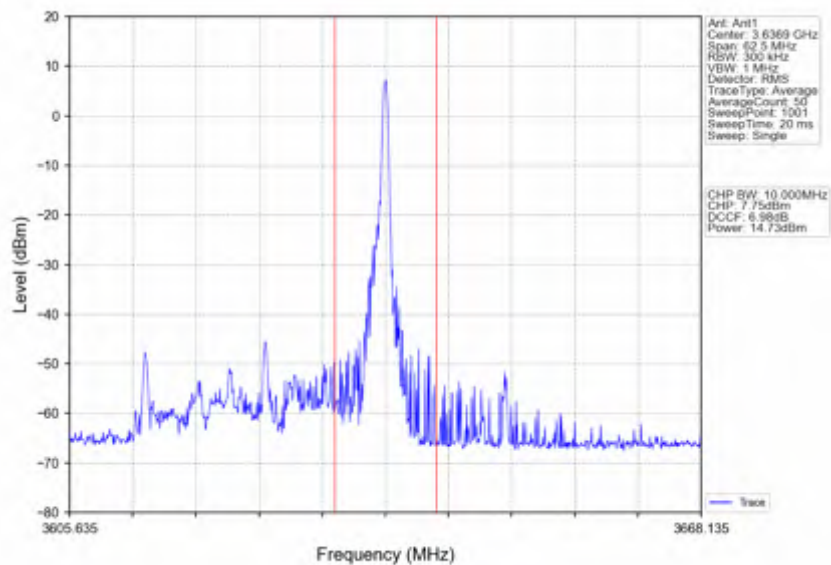
056-512157350888 056-512157370910 www.sgs.com.cn

056-512157350888 056-512157370910 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_3625.005MHz_Edge_1RB_Right



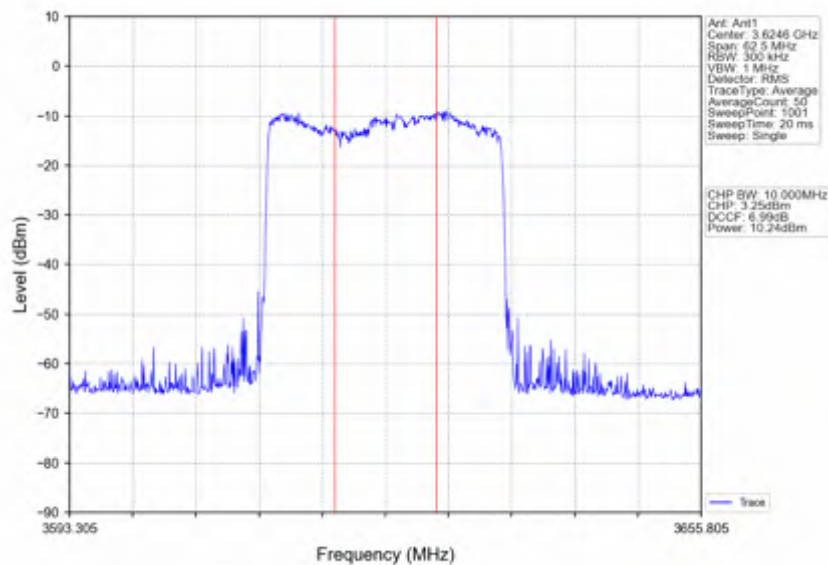
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 certification report & certificate, please connect us at sgs@sgs.com (86-512) 57370000 or email: CN-Check@sgs.com.

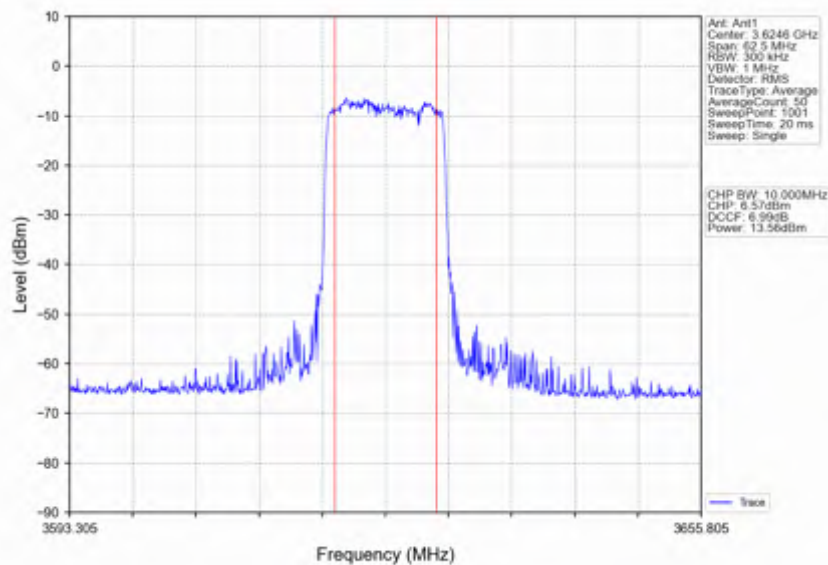
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

086-51257350888 086-51257370000 www.sgs.com.cn
086-51257350888 086-51257370000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_3625.005MHz_Inner_Full



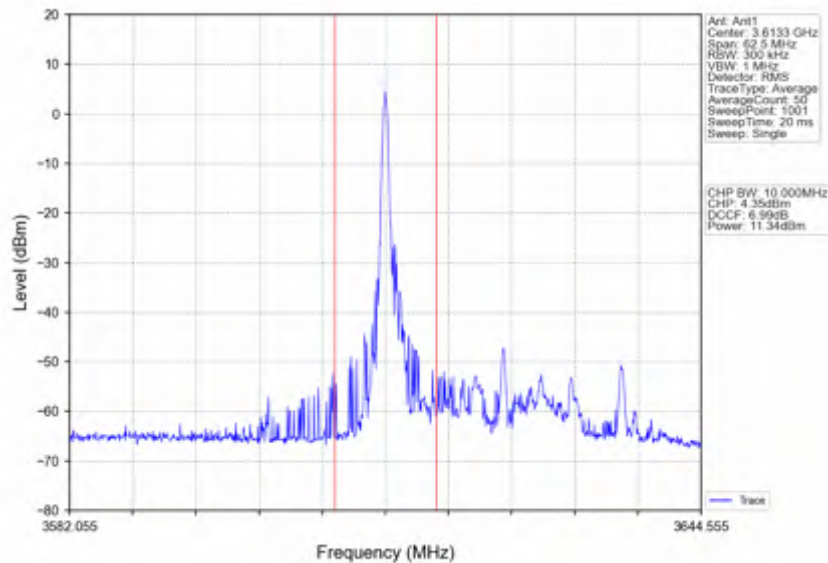
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com (86-512) 57370000 or email: CN-Online@sgs.com.

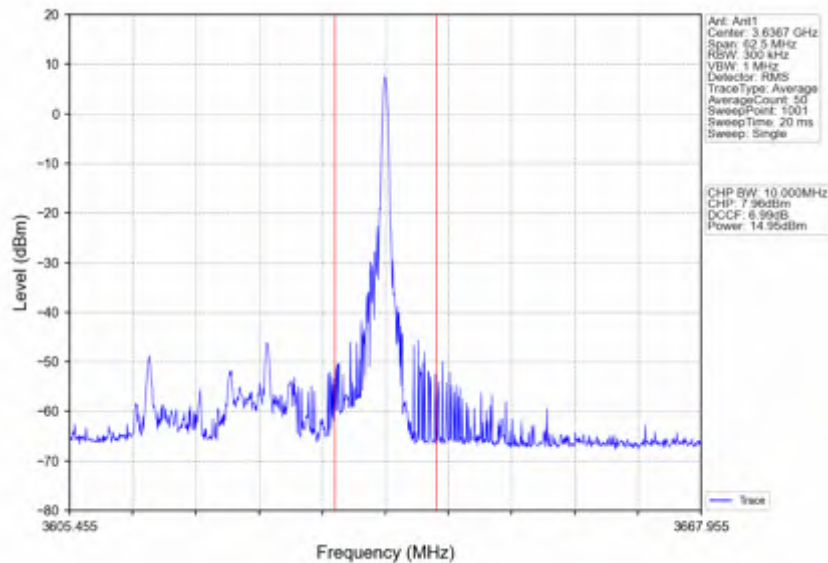
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

086-51257350888 086-51257370010 www.sgs.com.cn
086-51257350888 086-51257370010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_3625.005MHz_Inner_1RB_Right



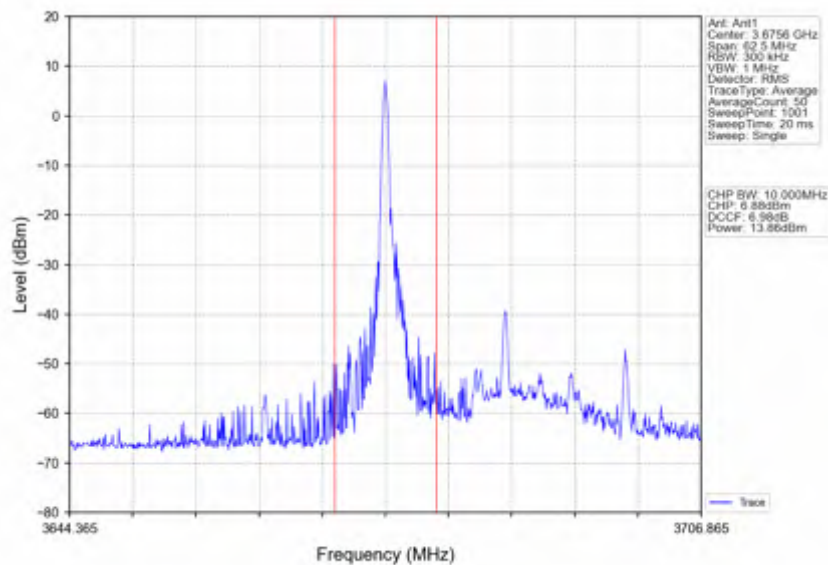
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 certification report & certificate, please connect us at sgs@sgs.com or sgs@sgs.com or email: CH.Official@sgs.com.

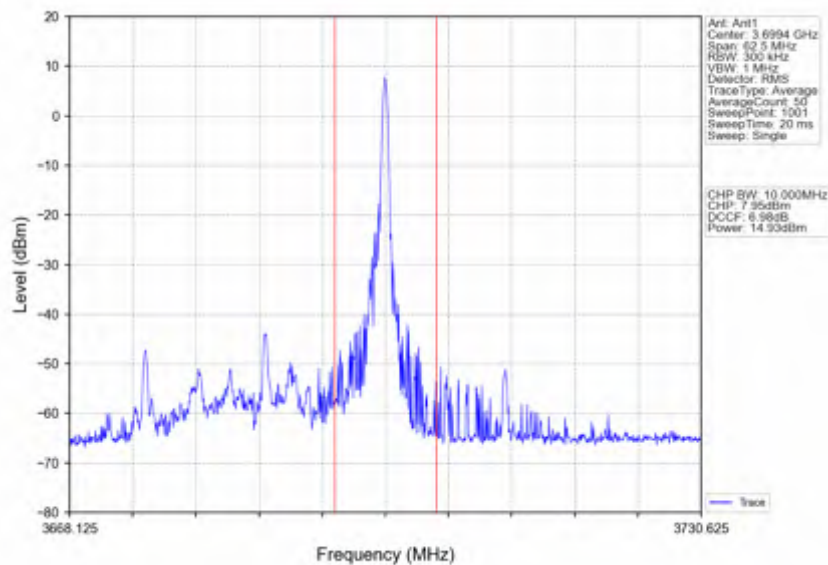
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

086-51215735088 086-51215737010 www.sgs.com.cn
086-51215735088 086-51215737010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_3687.495MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_3687.495MHz_Edge_1RB_Right



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

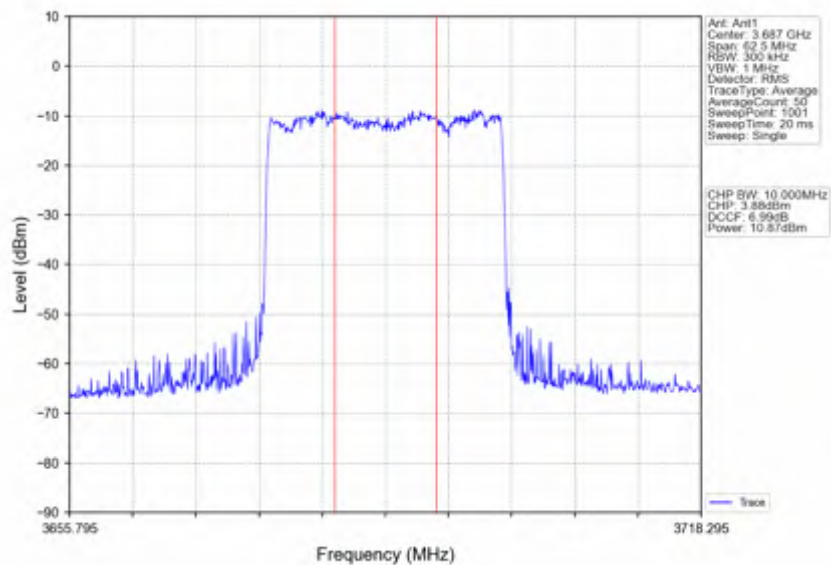
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

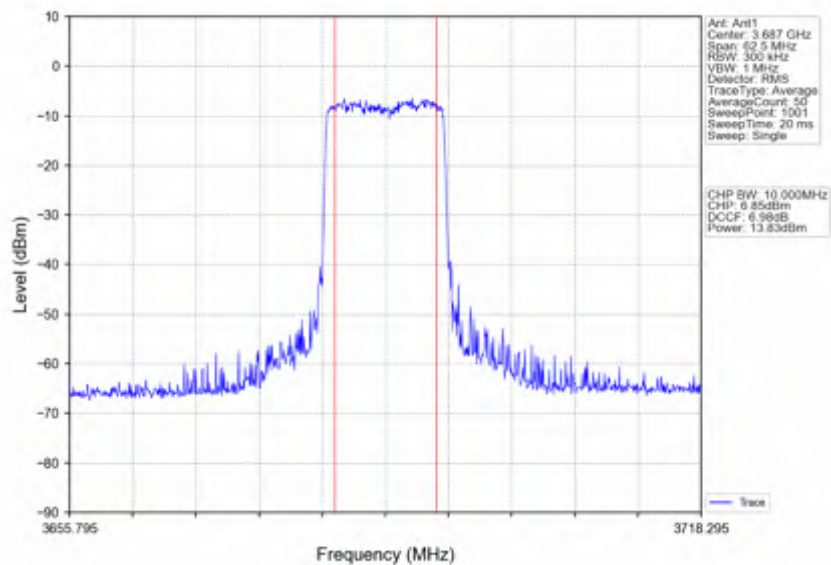
086-51215735088 086-51215737010 www.sgs.com.cn

086-51215735088 086-51215737010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM 256 QAM_3687.495MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM 256 QAM_3687.495MHz_Inner_Full



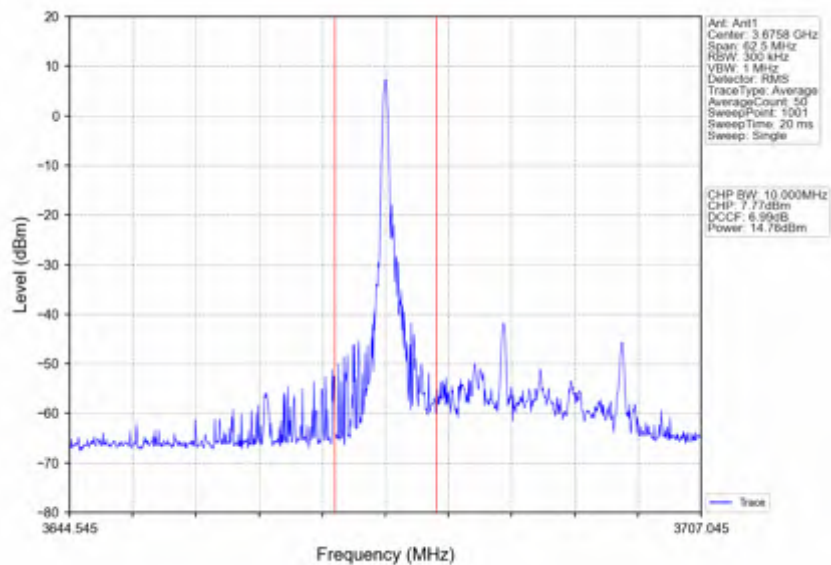
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com (86-512) 57370011 or email: CN-Check@sgs.com.

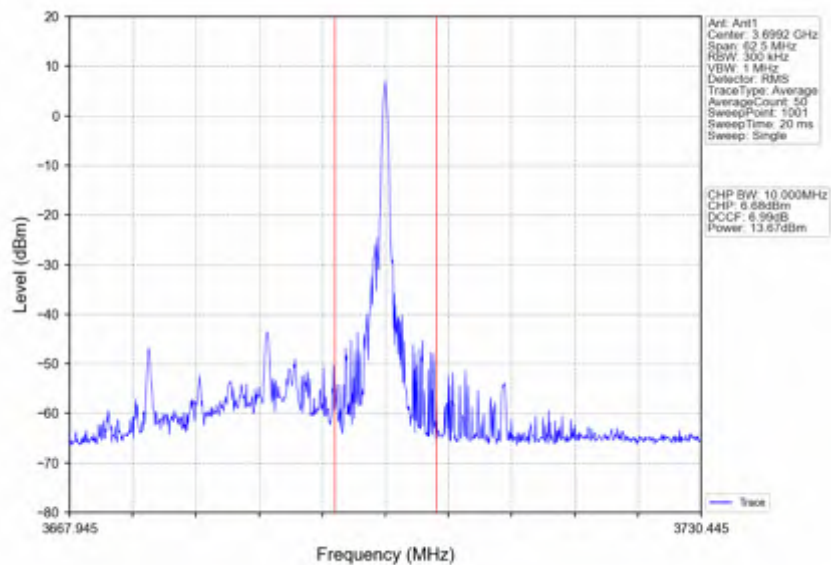
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

0512-57350888 0512-57370011 www.sgs.com.cn
0512-57350883 0512-57370011 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_3687.495MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_3687.495MHz_Inner_1RB_Right



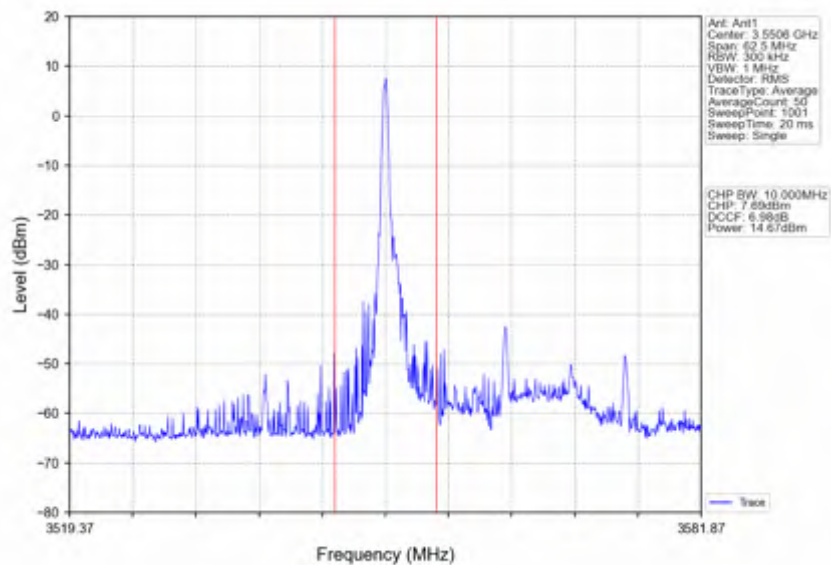
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.cpa.com/Terms-and-Conditions.aspx>, and for selected forms, documents, subject to Terms and Conditions for Electronic Documents at <http://www.easysampletermsandconditions.com/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and no document does not exonerate parties to a fraud from their criminal or civil liabilities. The Company's disclaimer of liability is contained in the document's cover page, which is accepted 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Please contact our office for testing quotes and/or assistance with reports & electronic submissions via email at info@cpa.com or telephone at +971 4 368 3333. Faxing orders is also acceptable at +971 4 368 3332.

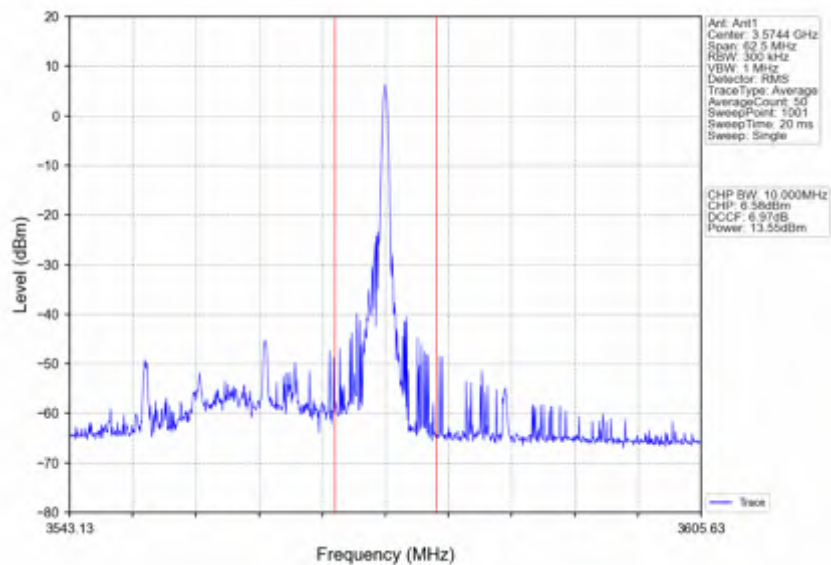
No. 10, Waiye Road, Innovation Park, Keshan, Jiangsu, China 215300
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_3562.5MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_3562.5MHz_Edge_1RB_Right



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

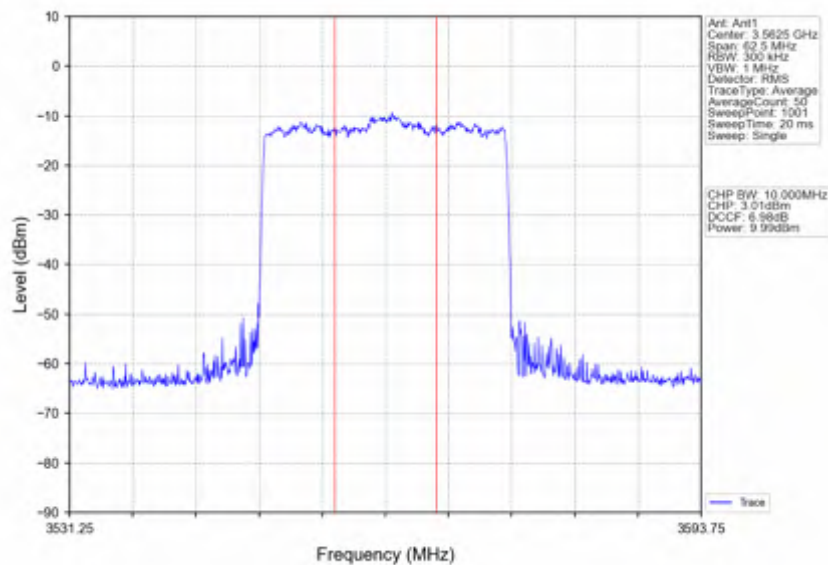
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

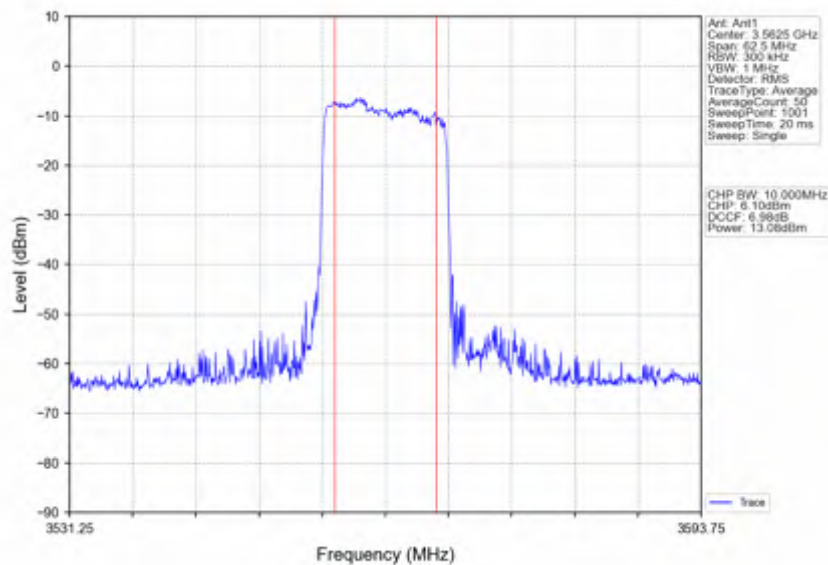
0512-57350888 0512-57370910 www.sgs.com.cn

0512-51257350888 0512-51257370910 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_3562.5MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_3562.5MHz_Inner_Full

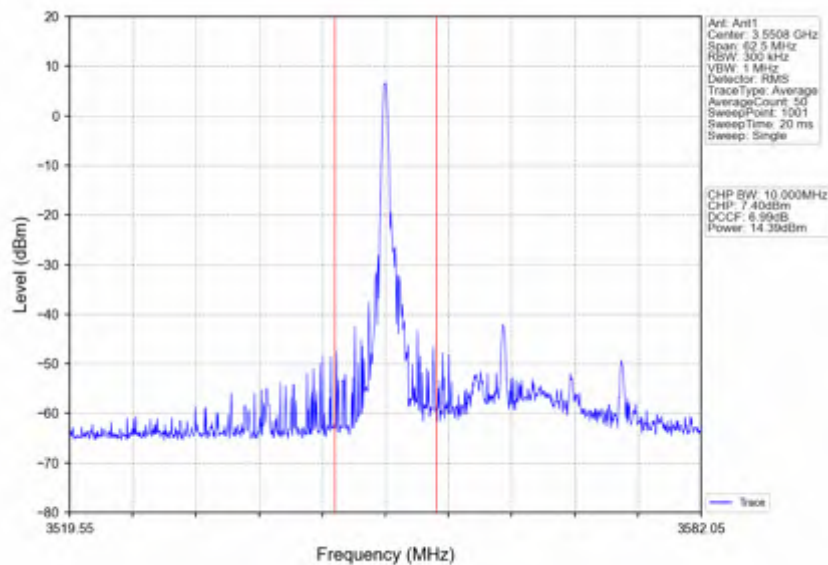


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

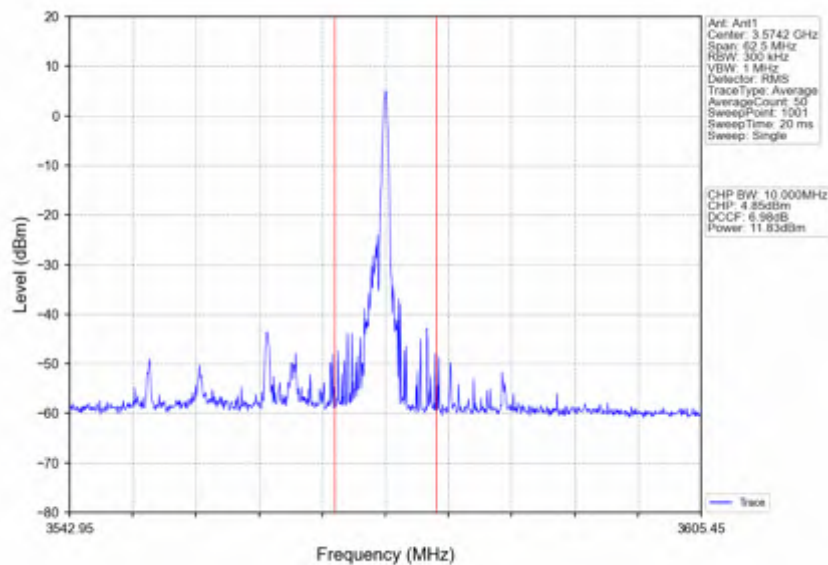
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_3562.5MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_3562.5MHz_Inner_1RB_Right



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

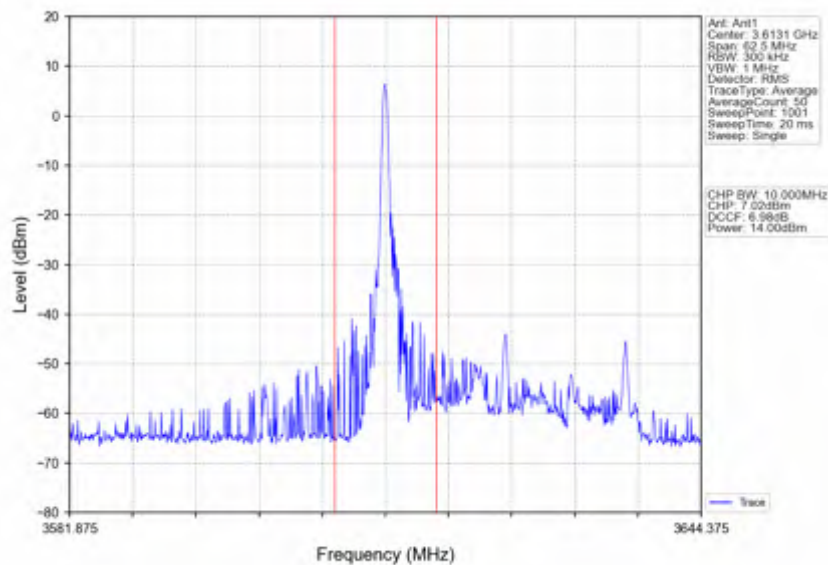
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

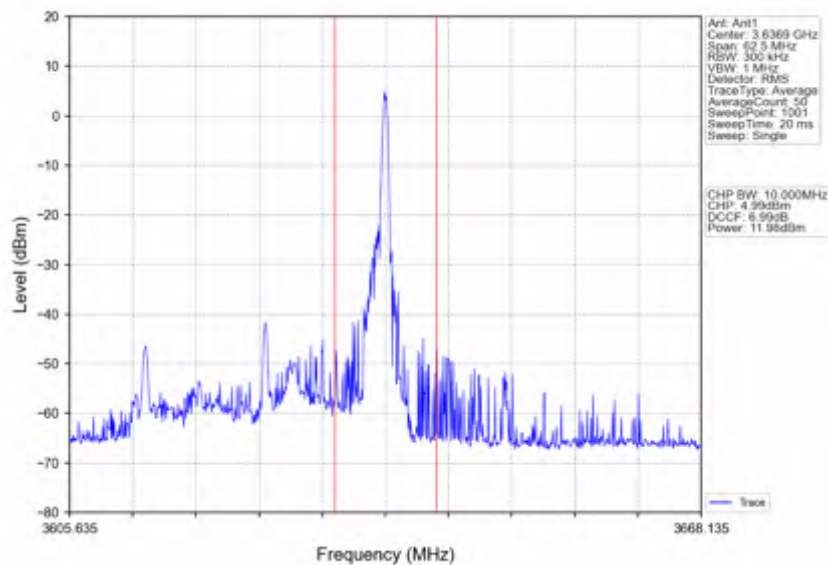
0512-57350888 0512-57370910 www.sgs.com.cn

0512-57350883 0512-57370911 sgs.china@sgs.com

n78d 15kHz SISO NTNv 25MHz CP-OFDM QPSK 3625.005MHz Edge 1RB Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_3625.005MHz_Edge_1RB_Right

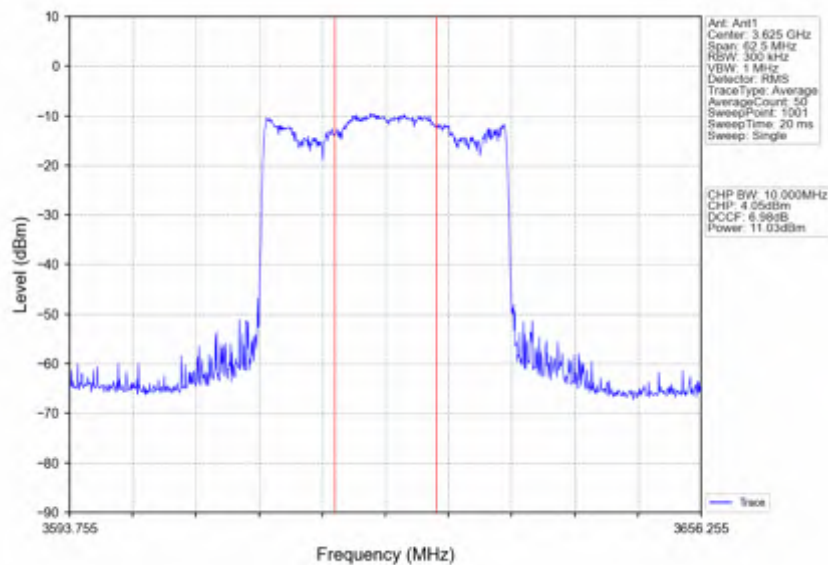


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/ETSI%20Terms%20and%20Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/etd/termsandconditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's liability is limited to the amount of the fee for the document(s) requested, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the Customer Service Centre at info@etsi.com or <tel:+352437342000>.

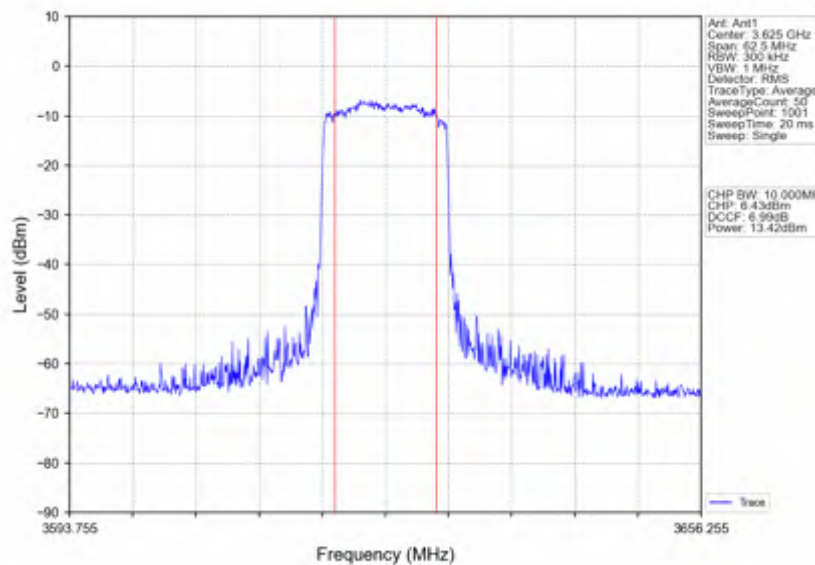
中国·江苏·昆山市周庄生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_3625.005MHz_Inner_Full



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

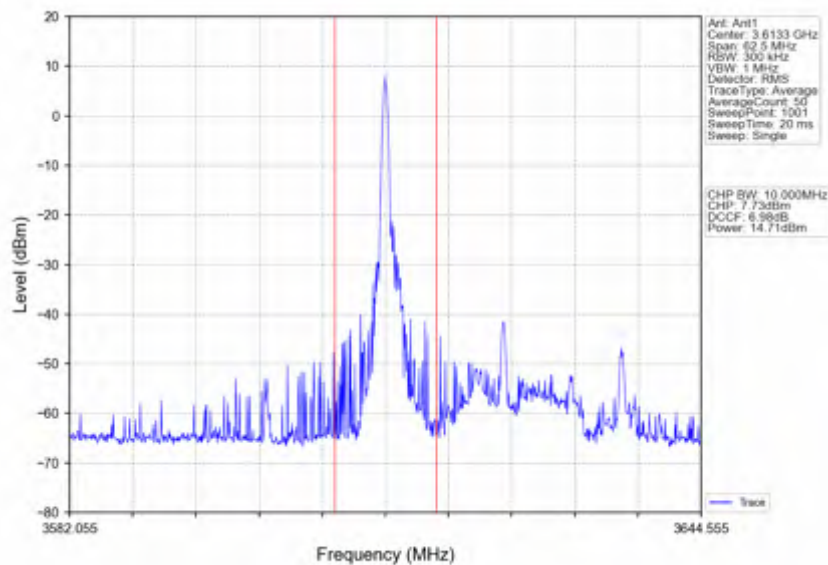
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

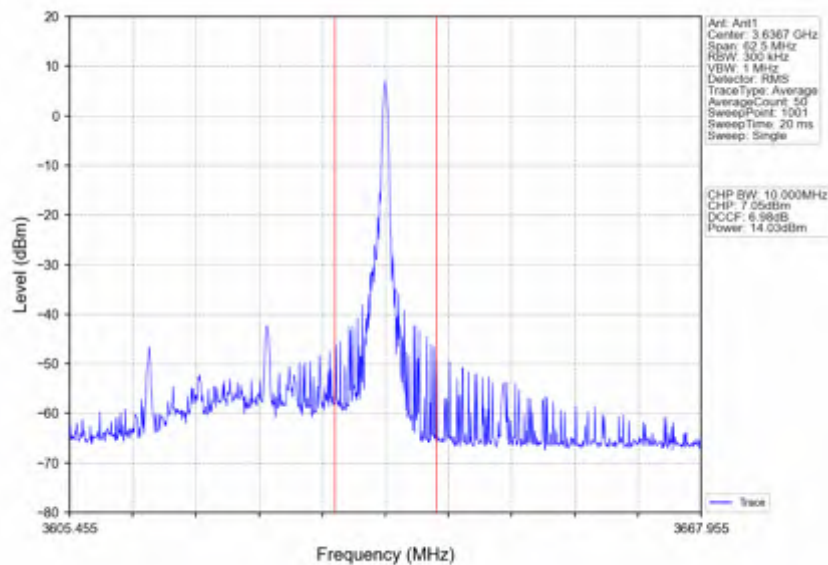
0086-51257350888 006-51257370910 www.sgs.com.cn

0086-51257350888 006-51257370910 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_3625.005MHz_Inner_1RB_Right

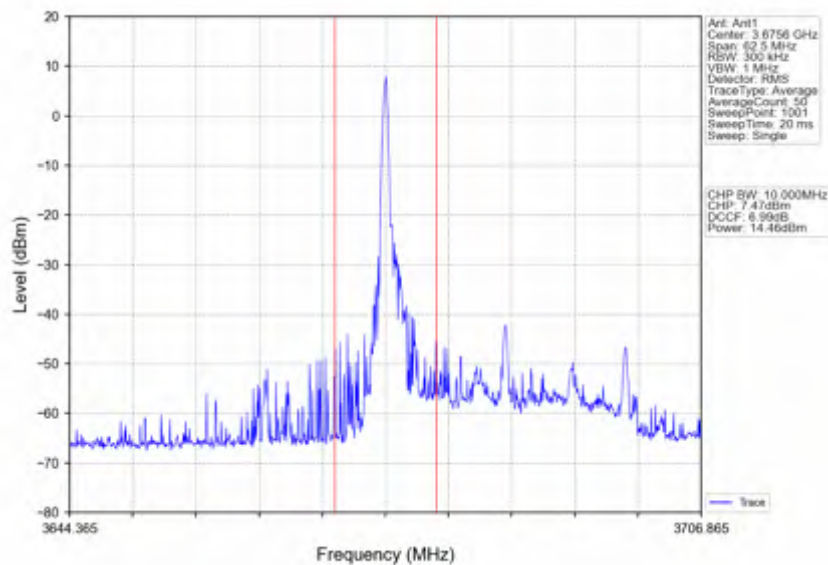


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in the instructions and is not intended to be, nor shall it be, a substitute for professional advice. The Company's intervention is provided on a non-guaranteed basis and is not intended to be, nor shall it be, a substitute for professional advice. The Company's intervention is provided 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 samples shown in this fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

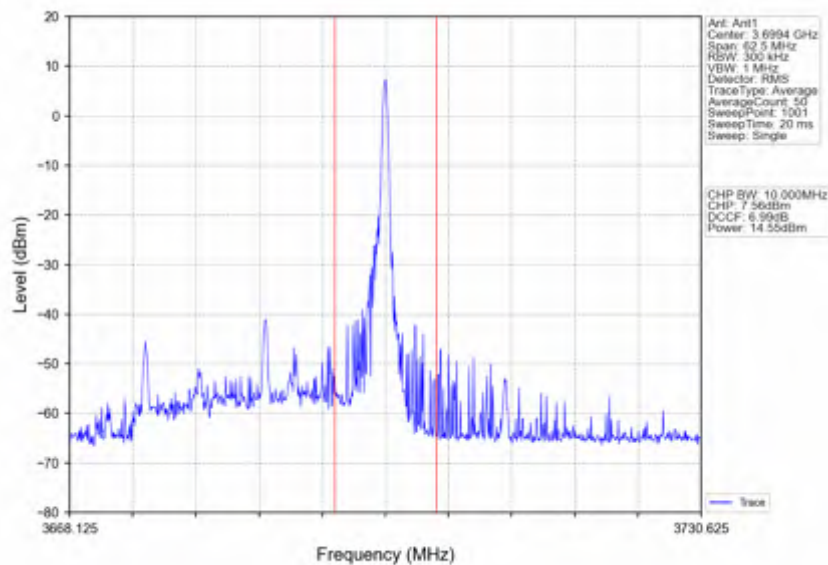
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_3687.495MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_3687.495MHz_Edge_1RB_Right

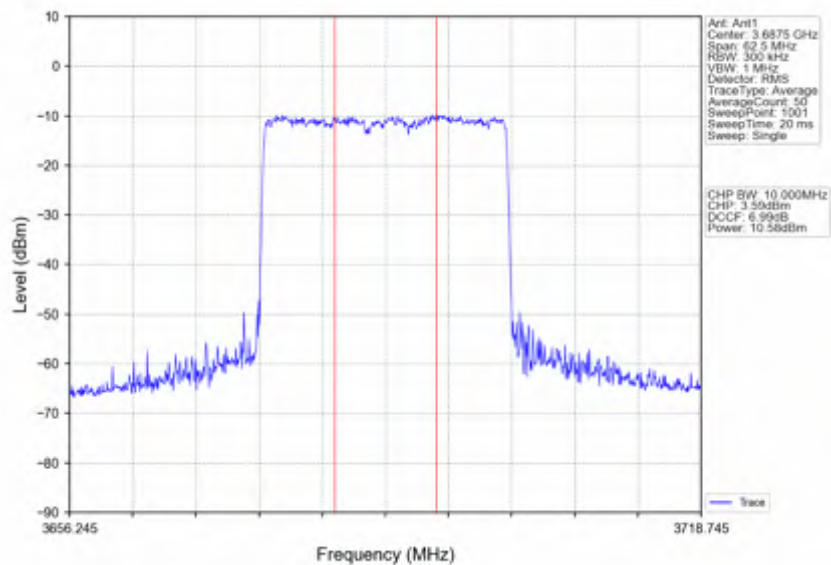


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/ETSI-Products-and-Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error or a clerical oversight, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the ETSI Customer Service at etsi.serv@etsi.org or at <tel:+333370741000>.

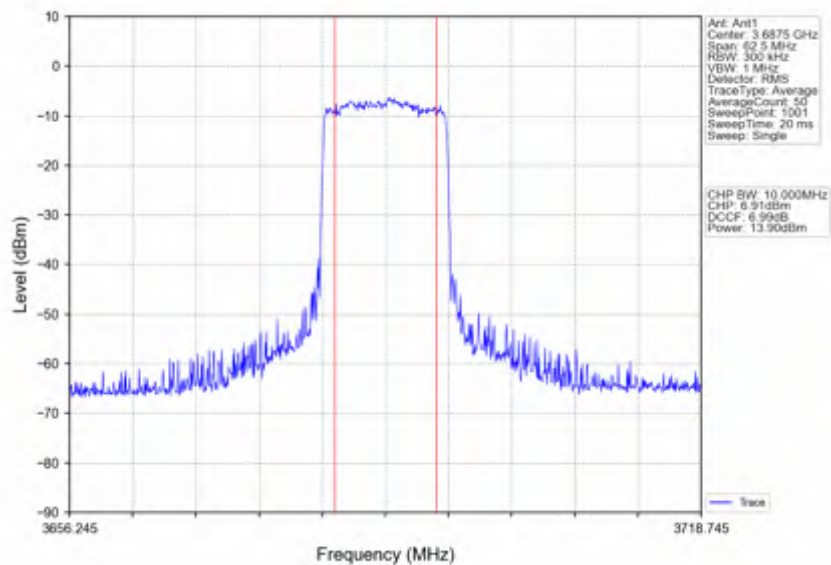
中国·江苏·昆山市周庄学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_3687.495MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_3687.495MHz_Inner_Full

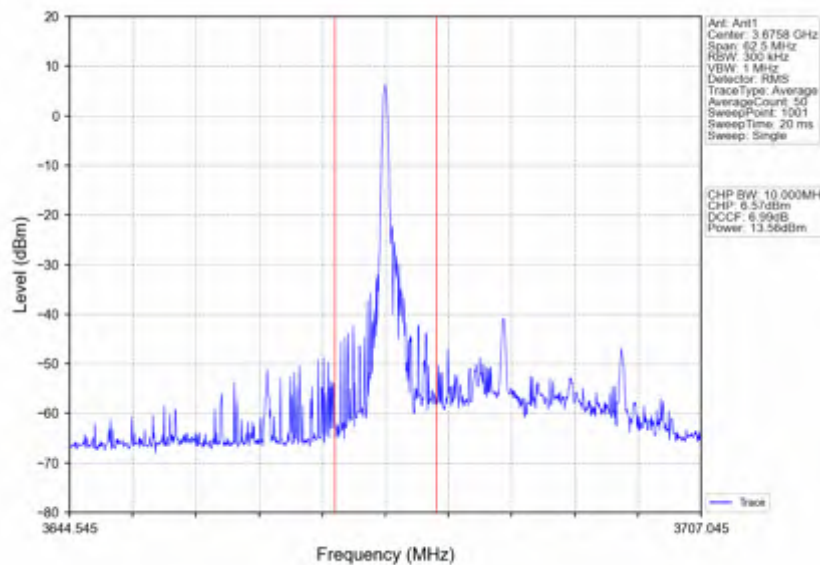


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/ETSI-Products-and-Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's liability is limited to the amount of the fee for the service performed, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. etsi@etsi.com or <tel:+352437342000> for testing requests and technical assistance or <tel:+352437342000> for all other enquiries.

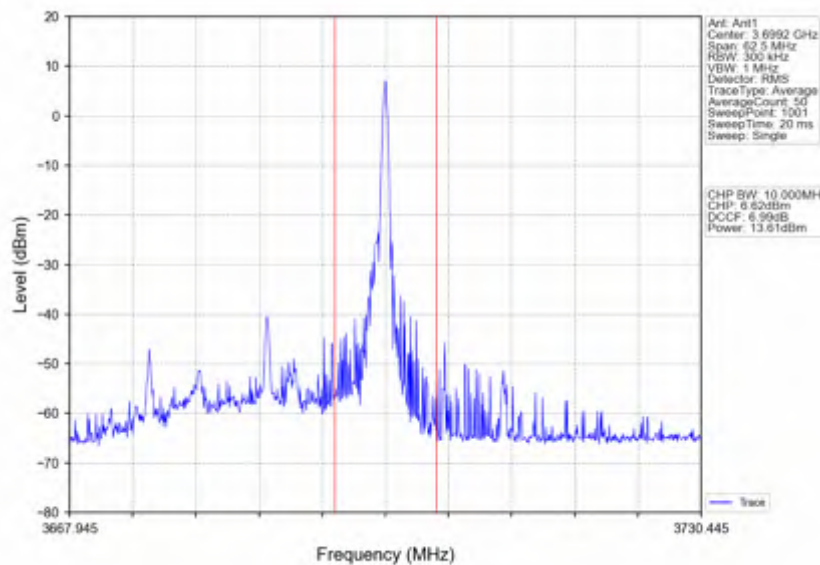
中国·江苏·昆山市留學生创业園伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_3687.495MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_3687.495MHz_Inner_1RB_Right



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 certification report & certificate, please connect us at sgs@sgs.com or CN-Check@sgs.com.

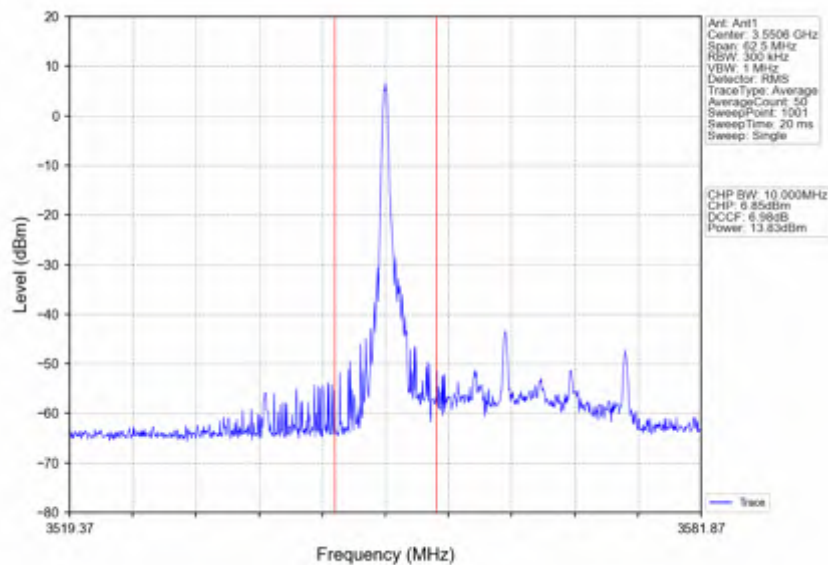
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

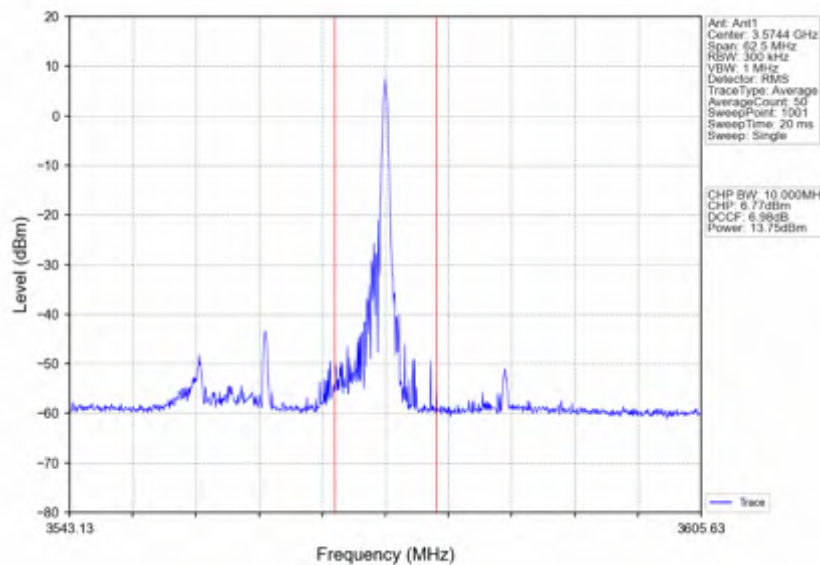
086-5125735088 086-5125737010 www.sgs.com.cn

086-5125735088 086-5125737010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3562.5MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3562.5MHz_Edge_1RB_Right

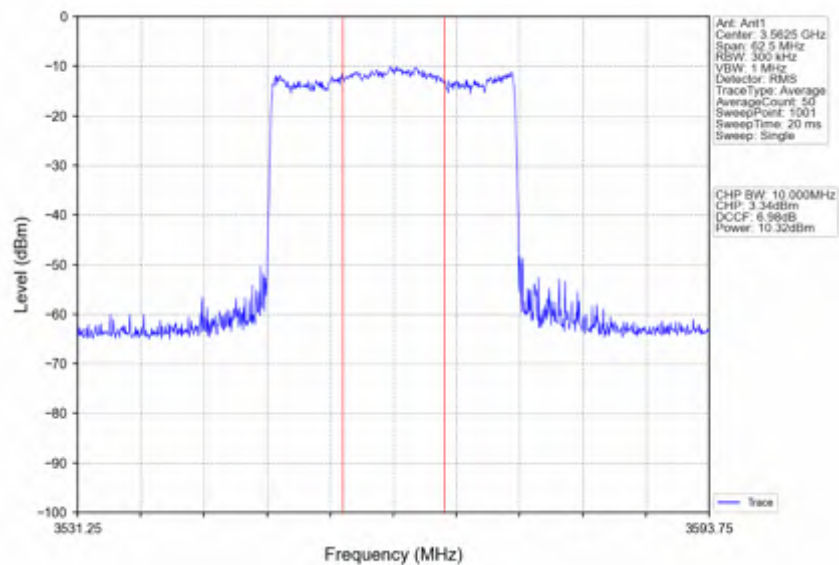


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.usc.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.usc.com/en/Terms-and-Conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of its legal and professional responsibility. The Company does not accept any liability for any loss or damage arising from any 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 last report refer only in the sample(s) tested and such sample(s) are retained for 30 days only.

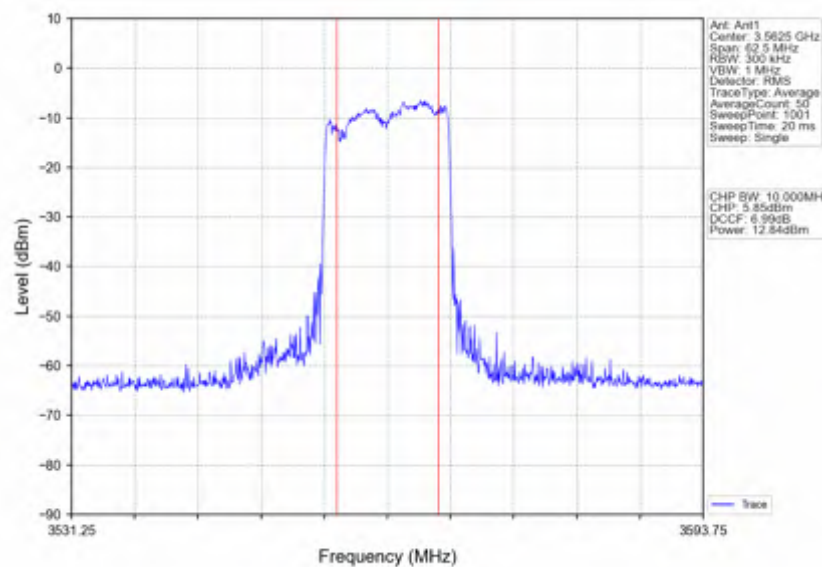
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3562.5MHz_Outer_Full



n78d 15kHz SISO NTNv 25MHz CP-OFDM 16 QAM 3562.5MHz Inner Full

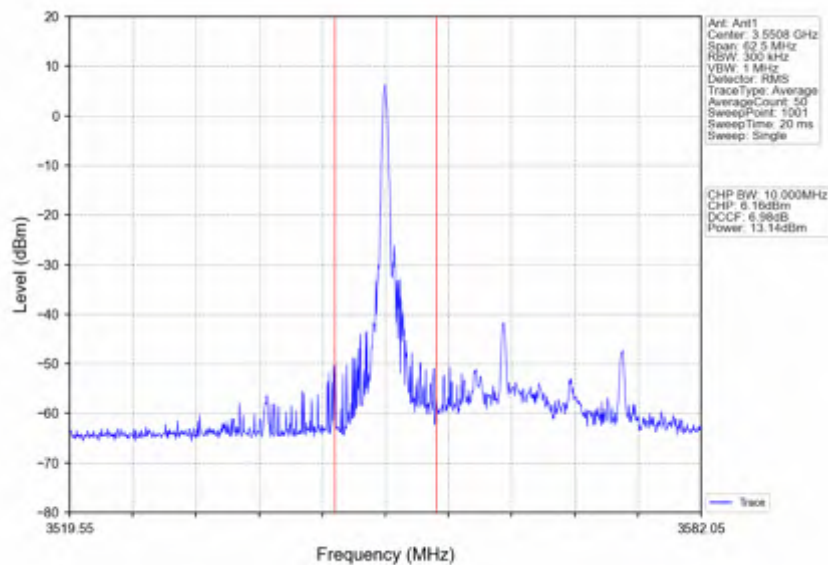


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 samples shown in this report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

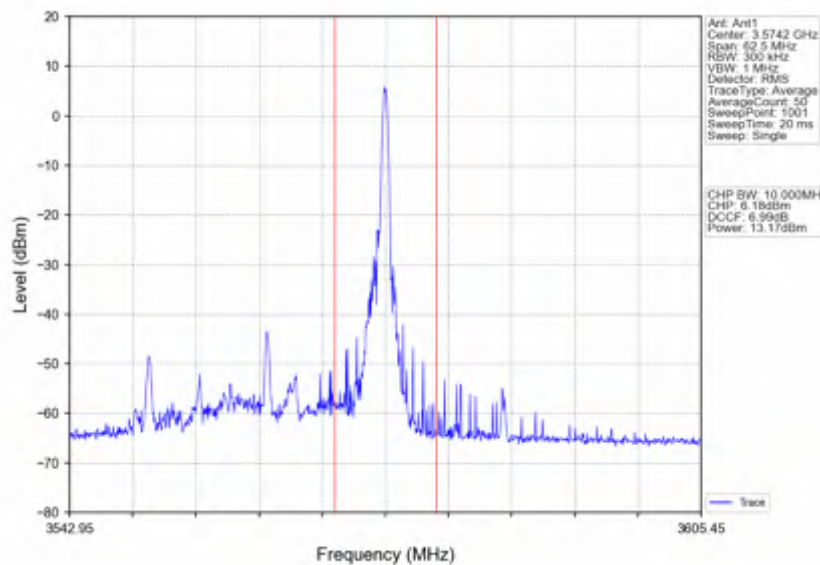
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3562.5MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3562.5MHz_Inner_1RB_Right

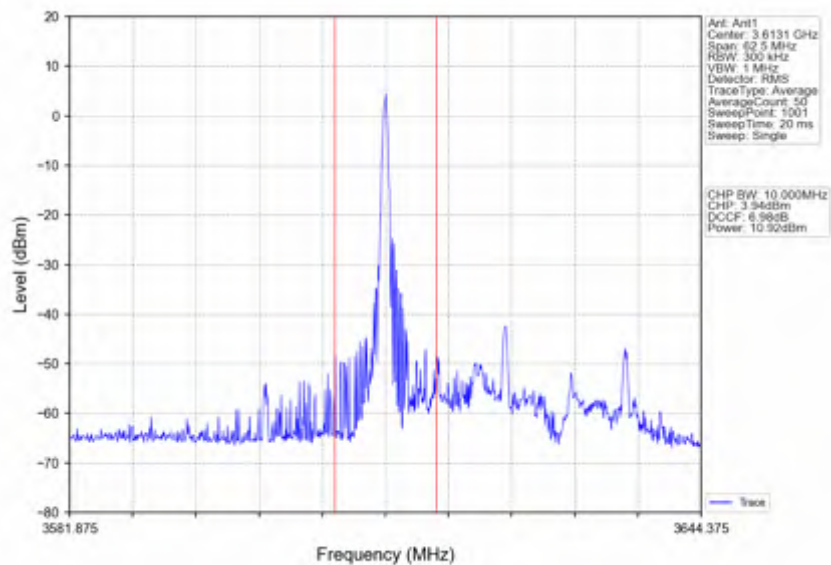


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in the instructions and is without prejudice, 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 samples shown in this report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

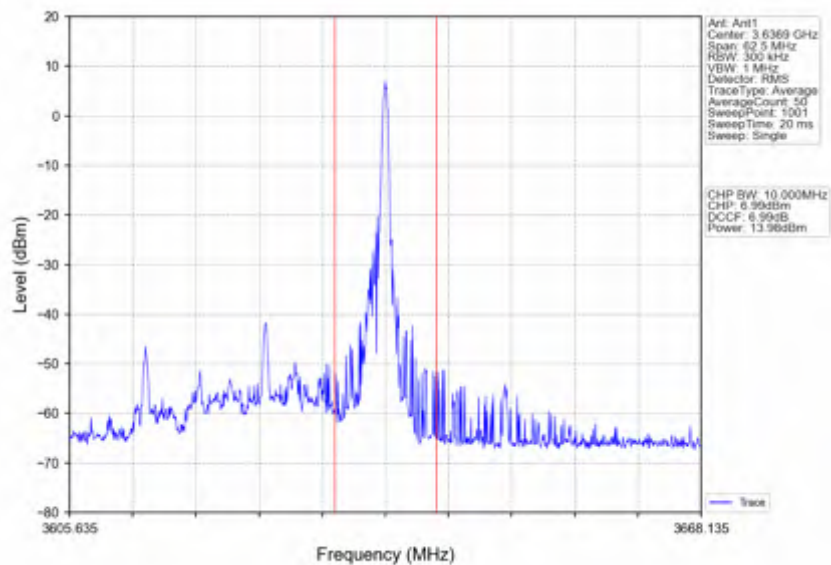
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3625.005MHz_Edge_1RB_Right



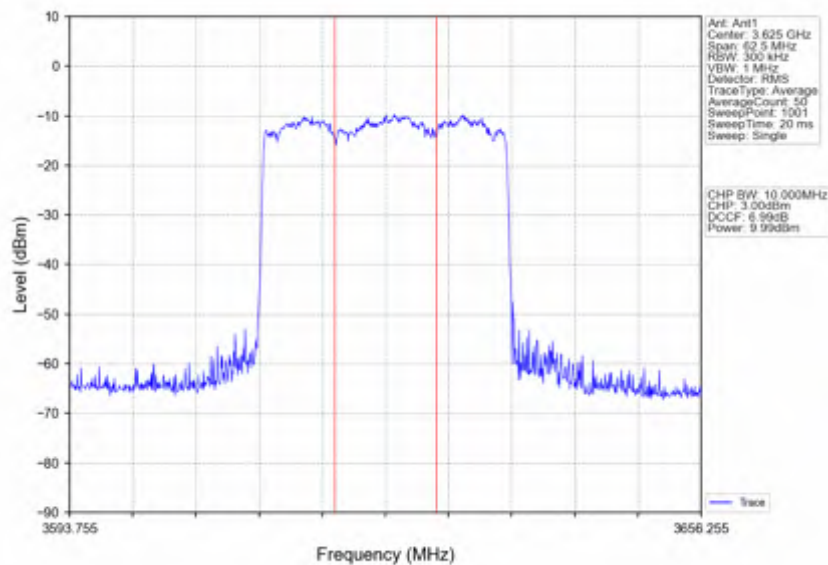
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.usc.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.usc.com/en/terms-and-conditions/Terms-a-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 its instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from their obligations under applicable law. This document, once signed, cannot be altered or modified without express consent 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.

Unabhängig von sonstigen Vereinbarungen ist dieses Dokument der Gesellschaft unter den Allgemeinen Geschäftsbedingungen ausgedruckt, die auf dem Rückseite des Dokuments abgedruckt sind und für elektronische Dokumente zusätzlich unter <http://www.usc.com/en/terms-and-conditions/Terms-a-Documents.aspx> zu finden sind. Auf diese wird hiermit hingewiesen. Der Inhaber dieses Dokuments wird darauf aufmerksam gemacht, dass die Informationen auf diesem Dokument nur die Ergebnisse der Untersuchung zum Zeitpunkt der Intervention darstellen und innerhalb der Grenzen der Anweisungen, falls vorhanden, beschränkt sind. Die Gesellschaft ist ausschließlich gegenüber ihrem Auftraggeber für die Richtigkeit der Aussagen verantwortlich. Diese Dokumentation entlastet die Vertragsparteien nicht von ihren gesetzlichen Verpflichtungen. Sobald das Dokument unterschrieben wurde, kann es ohne schriftliche Genehmigung der Gesellschaft nicht verändert oder modifiziert werden. Jegliche unbefugte Veränderung, Fälschung oder Verfälschung des Inhalts oder Aussehens dieses Dokuments ist strafbar und wird gegebenenfalls bis zum vollen Umfang des Gesetzes verfolgt. Sofern anders angegeben, beziehen sich die Testergebnisse in diesem Testbericht ausschließlich auf die(n) untersuchte(n) Probe(n), die(n) für 30 Tage aufbewahrt werden.

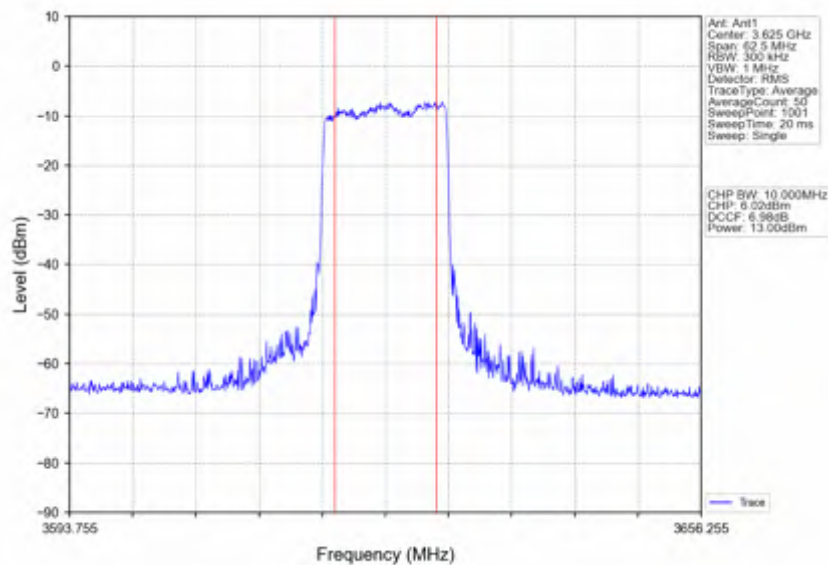
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737091 www.sgsigroup.com.cn
086-5125735688 086-5125737091 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3625.005MHz_Inner_Full



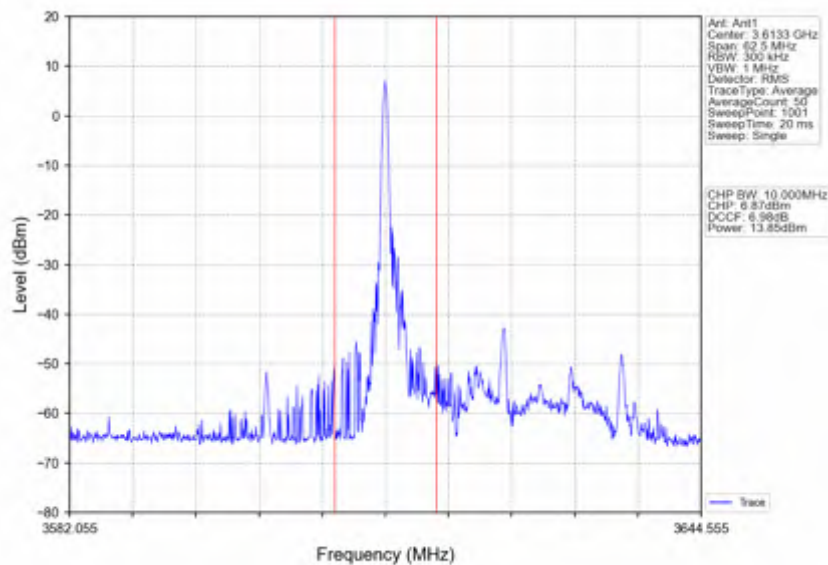
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com (86-512) 57370011 or email: CN-Online@sgs.com.

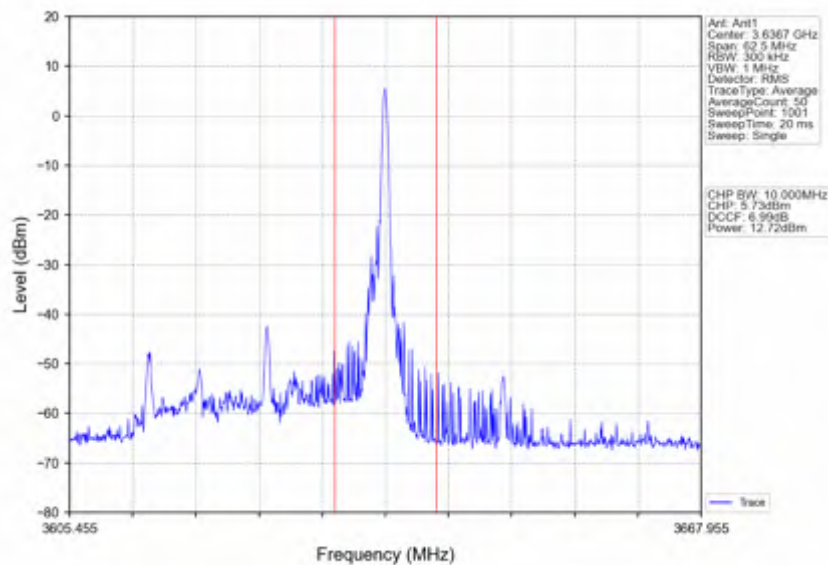
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

086-51257350888 086-51257370011 www.sgs.com.cn
086-51257350888 086-51257370011 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3625.005MHz_Inner_1RB_Right

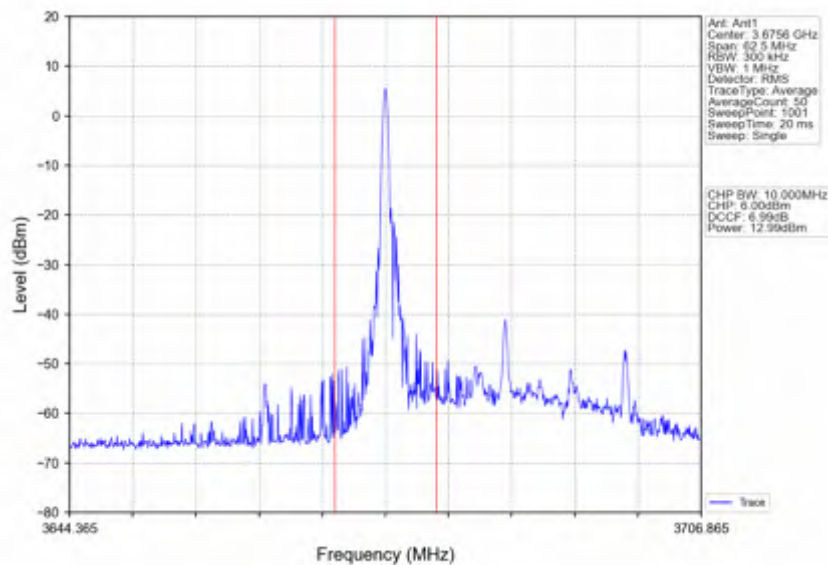


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in the instructions and is not intended to be, nor is it to be construed as, a guarantee or warranty of any kind. The Company's intervention is not intended to be, nor is it to be construed as, a representation or assurance of any kind, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

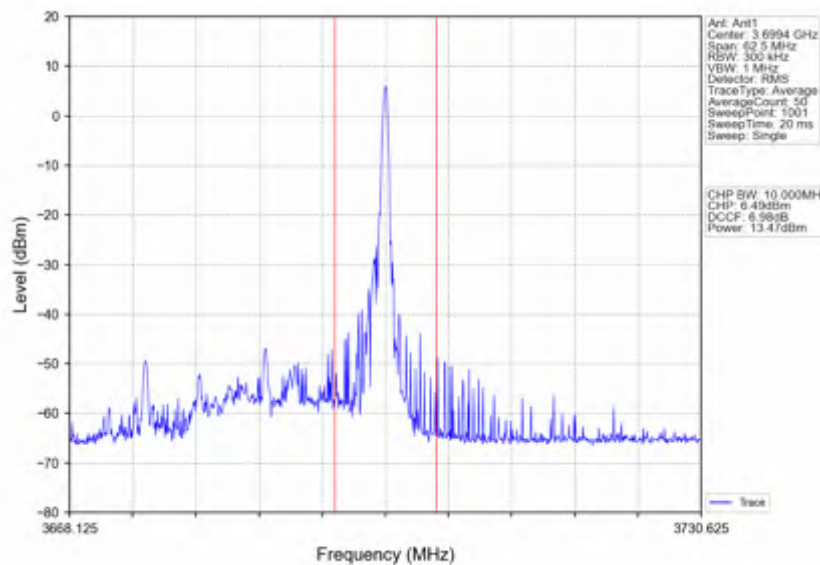
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3687.495MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3687.495MHz_Edge_1RB_Right



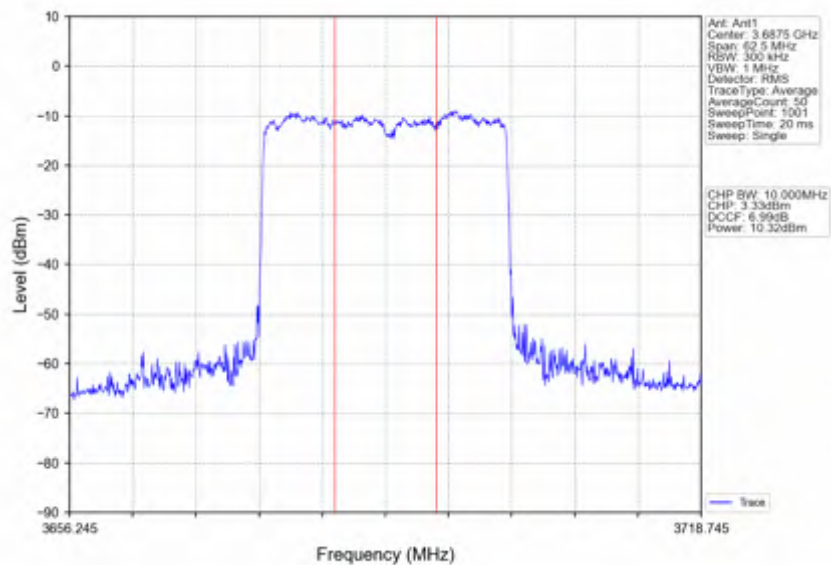
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 certification report & certificate, please connect us at sgs@sgs.com or sgs@sgs.com or email: CN-Online@sgs.com.

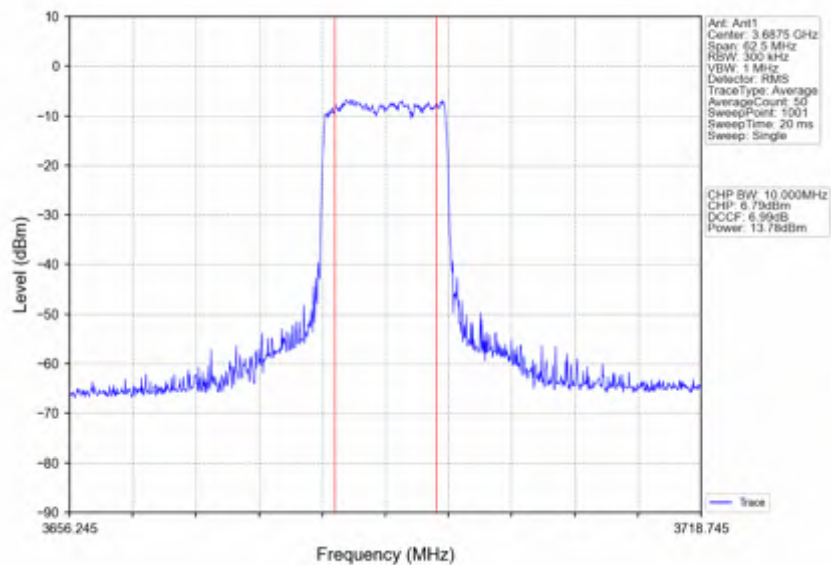
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

0512-57350888 0512-57370910 www.sgs.com.cn
0512-57350883 0512-57370911 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3687.495MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3687.495MHz_Inner_Full

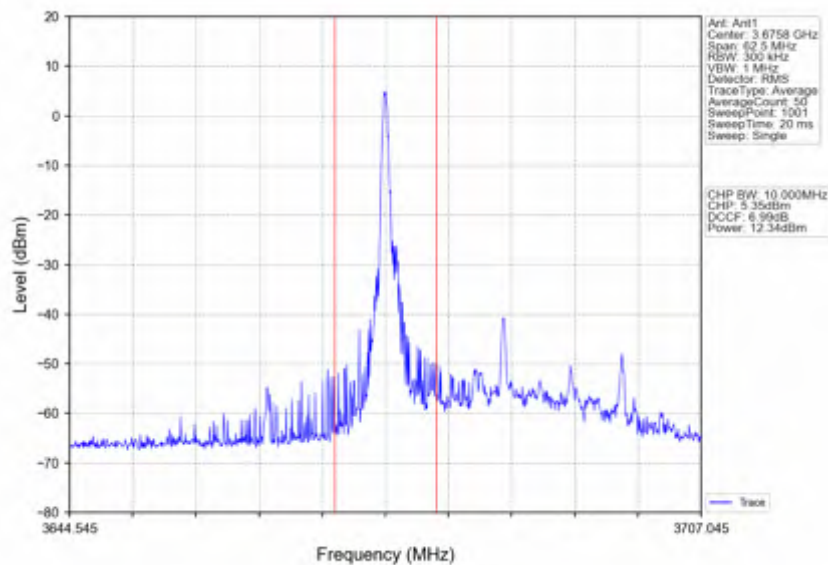


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.usc.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.usc.com/en/Terms-and-Conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of its legal and professional responsibility. The Company does not accept any liability for any loss or damage arising from 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 last report refer only in the sample(s) tested and such sample(s) are retained for 30 days only.

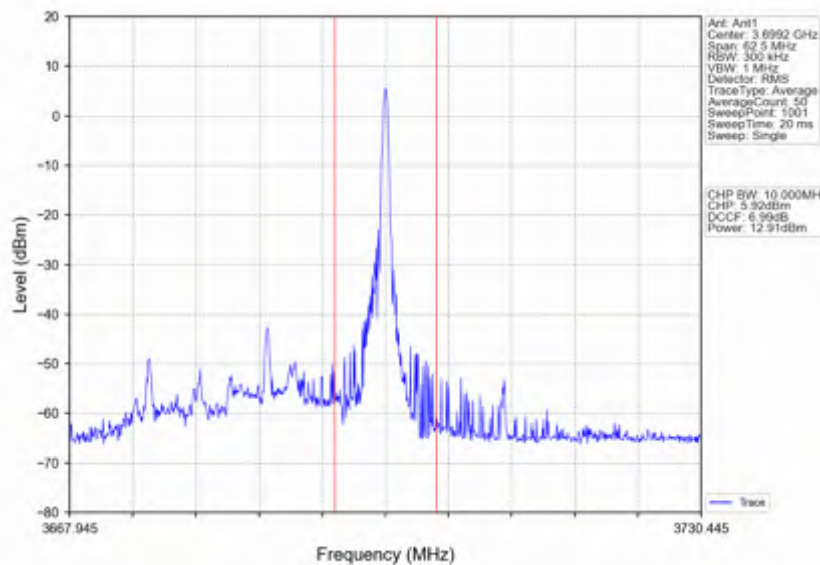
No.10, Waiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市周市镇创智园伟业路10号 邮编 215300

86-5125735688 86-5125737011 www.sgsgroup.com.cn
86-5125735688 86-5125737011 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3687.495MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3687.495MHz_Inner_1RB_Right

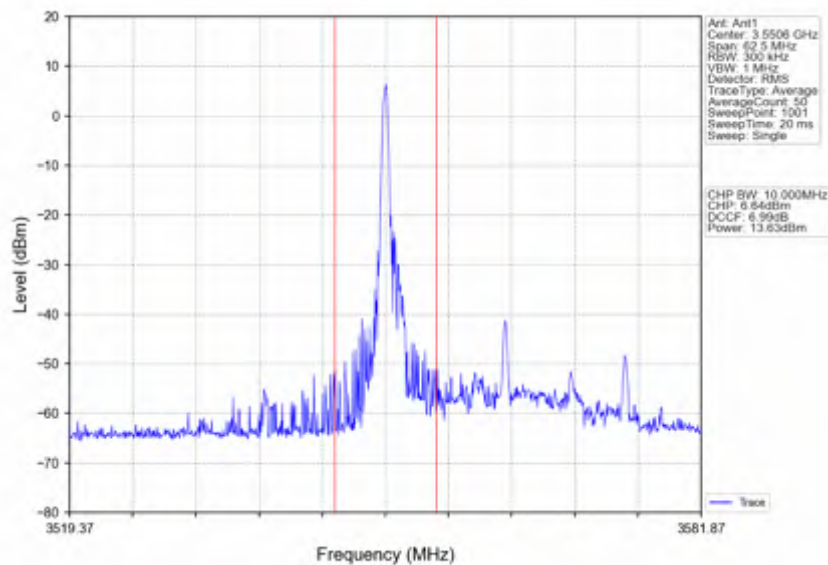


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 samples shown in this report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

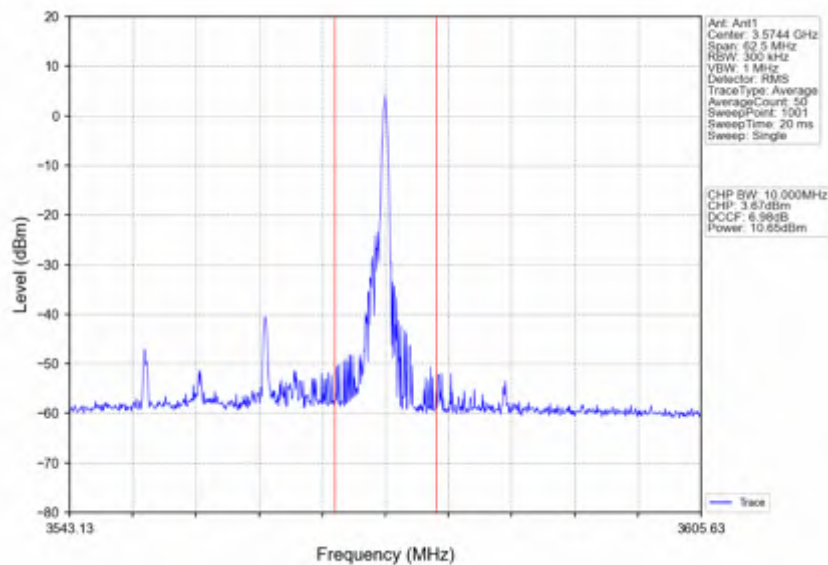
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_64_QAM_3562.5MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_64_QAM_3562.5MHz_Edge_1RB_Right

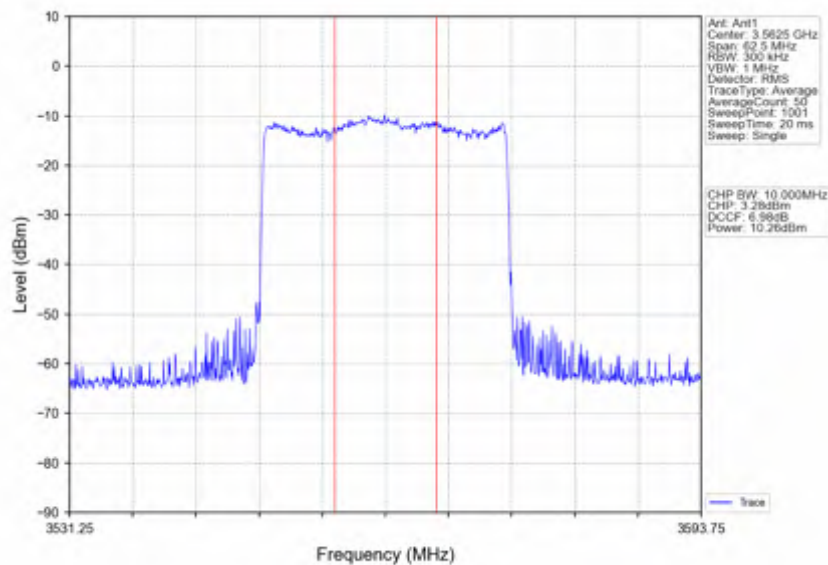


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in the instructions and is without prejudice, 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 samples shown in this report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

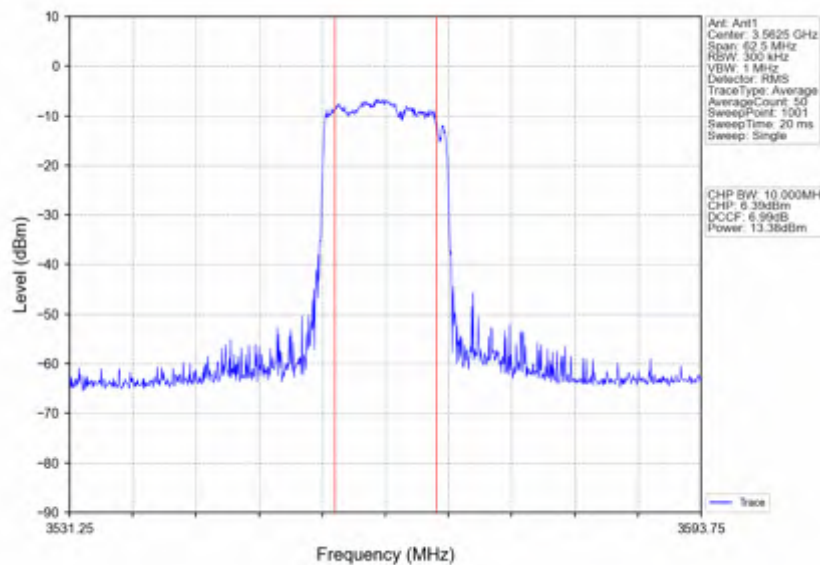
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM_3562.5MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM_3562.5MHz_Inner_Full



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, 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-a-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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

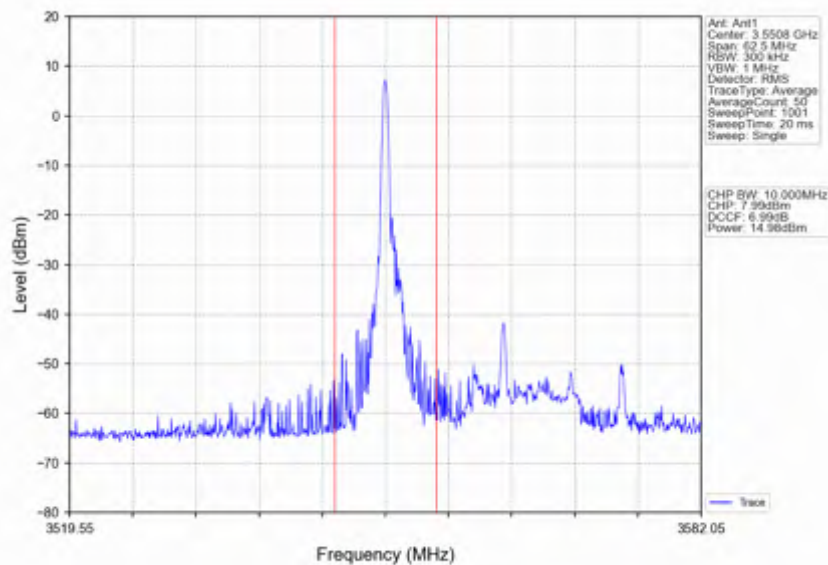
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

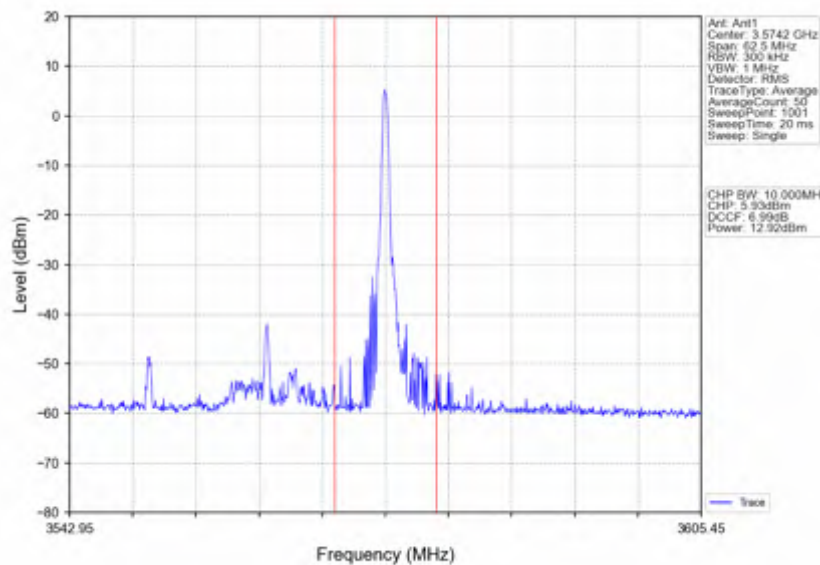
086-51215735088 086-51215737010 www.sgs.com.cn

086-51215735088 086-51215737010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_64_QAM_3562.5MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_64_QAM_3562.5MHz_Inner_1RB_Right

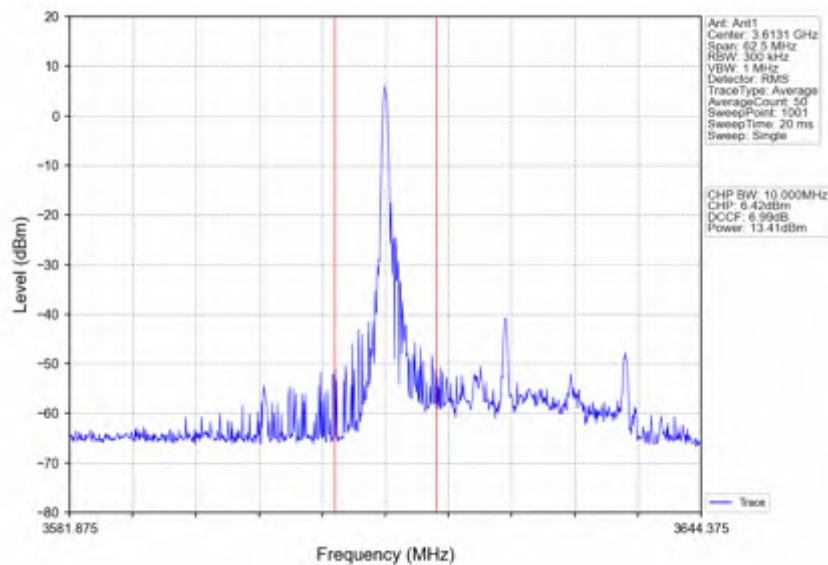


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

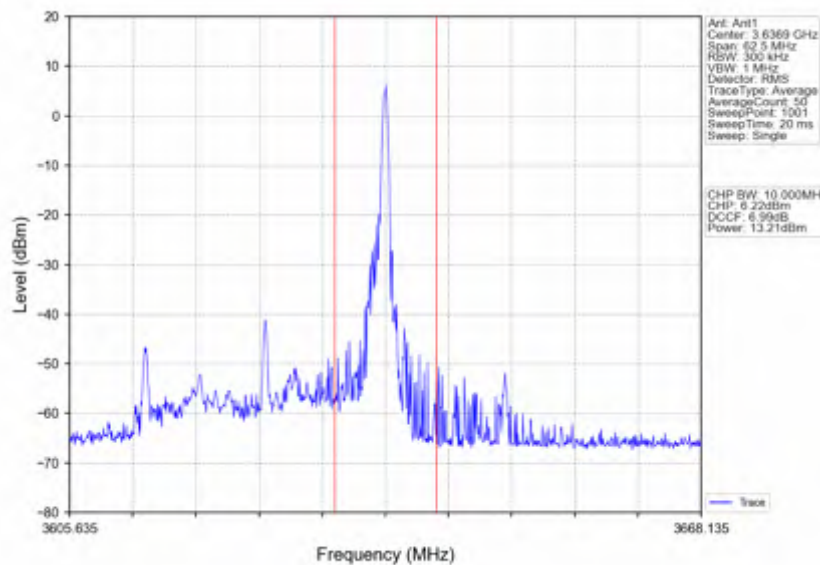
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737091 www.sgsigroup.com.cn
086-5125735688 086-5125737091 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_64_QAM_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_64_QAM_3625.005MHz_Edge_1RB_Right

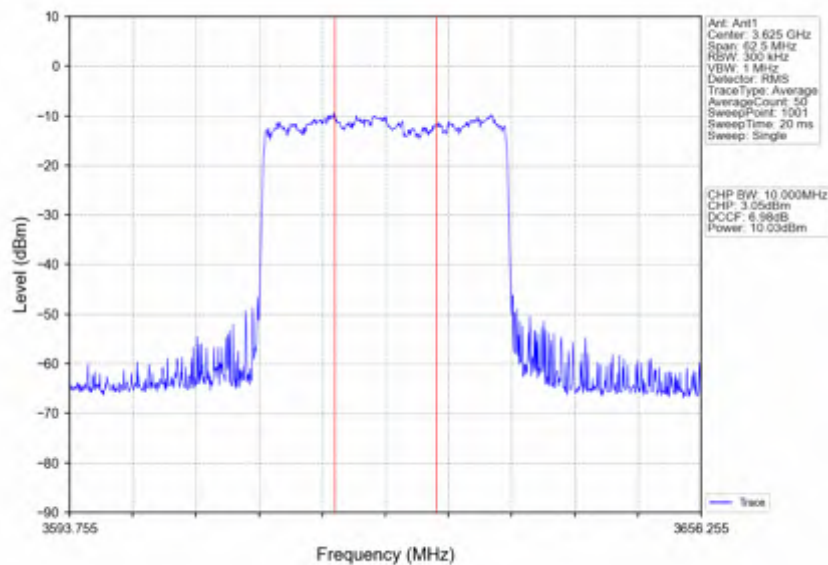


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 samples shown in this report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

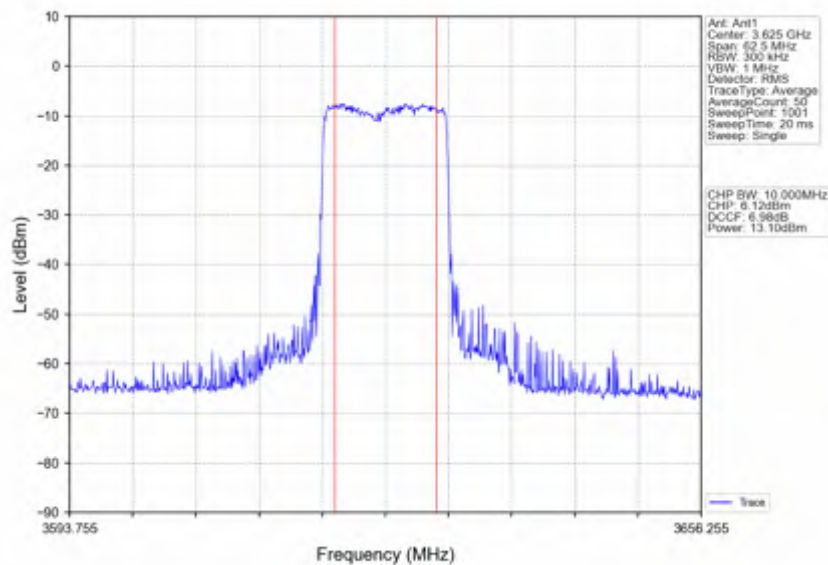
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM_3625.005MHz_Inner_Full



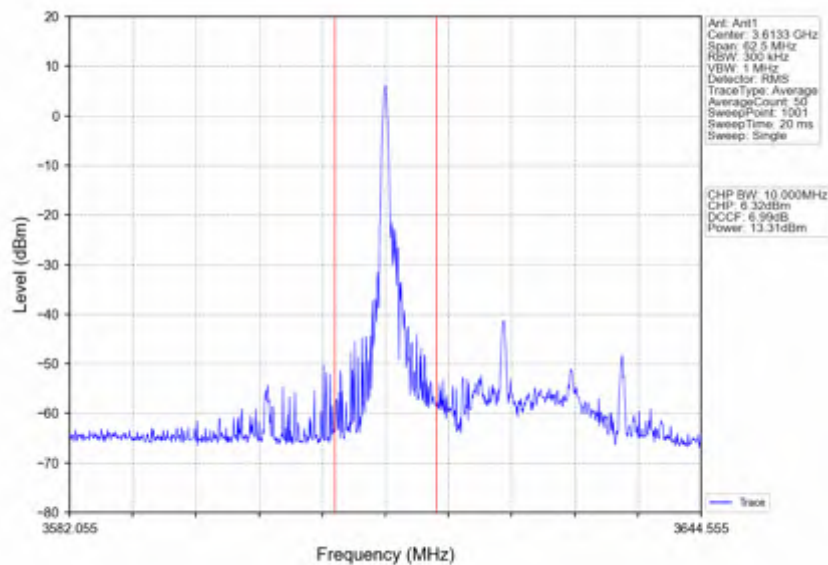
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com (86-512) 57370000 or email: CN-Online@sgs.com.

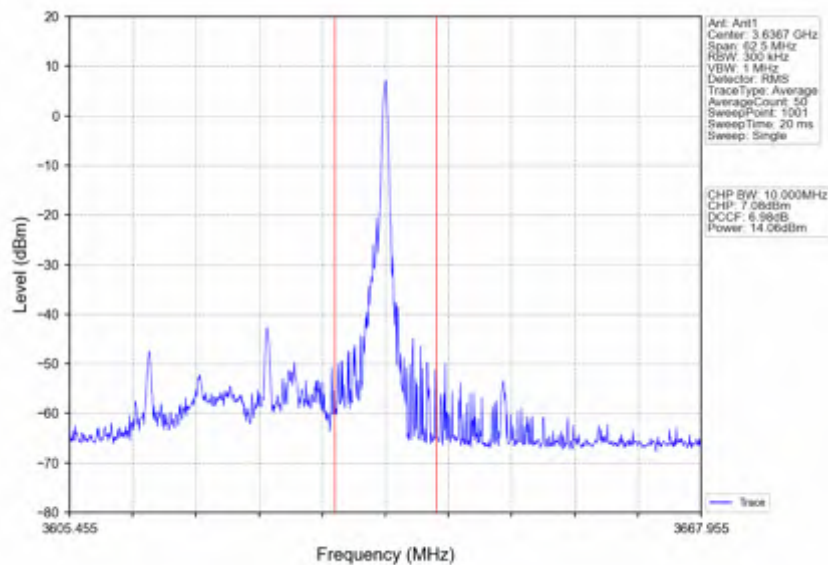
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

(86-512) 57350888 (86-512) 57370010 www.sgs.com.cn
(86-512) 57350883 (86-512) 57370011 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_64_QAM_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_64_QAM_3625.005MHz_Inner_1RB_Right

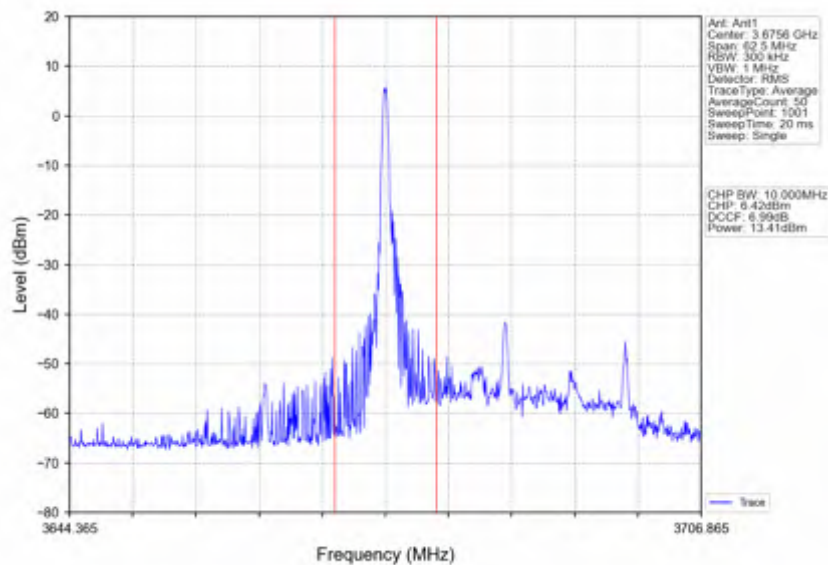


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/Products/ETSI%20Terms%20and%20Conditions> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility for the accuracy of the evidence submitted. The Company's findings are not admissible in evidence, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the Company at info@etsi.com or <tel:+352437342000>.

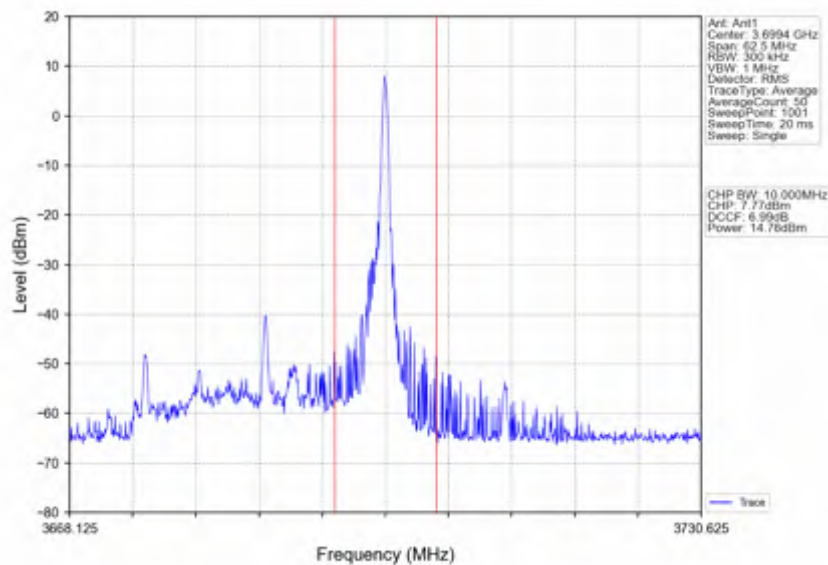
No. 10, Waiye Road, Innovation Park, Keshan, Jiangsu, China 215300
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737091 www.sgsigroup.com.cn
086-5125735688 086-5125737091 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_64_QAM_3687.495MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_64_QAM_3687.495MHz_Edge_1RB_Right

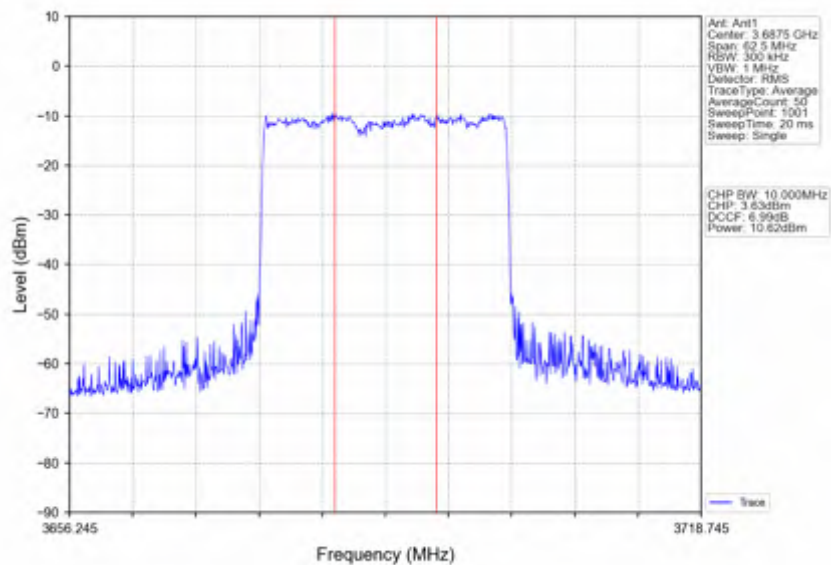


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 samples shown in this fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

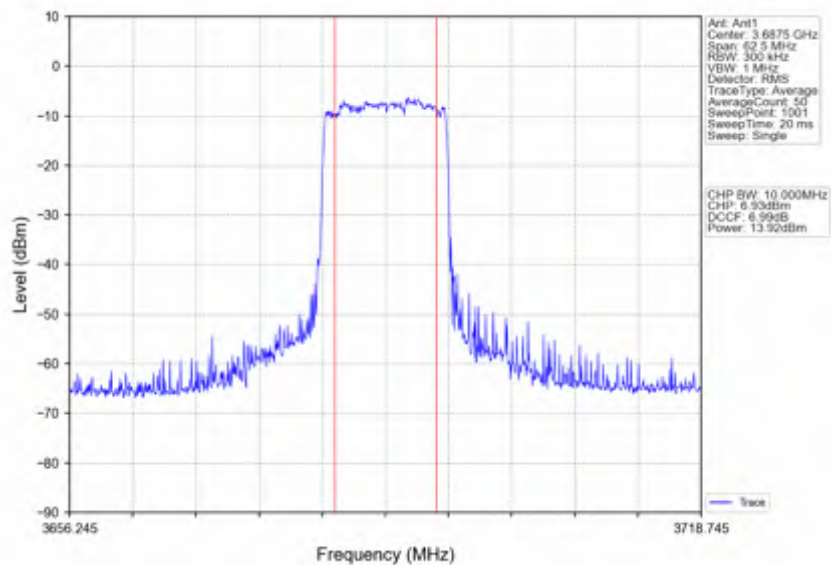
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM_3687.495MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM_3687.495MHz_Inner_Full



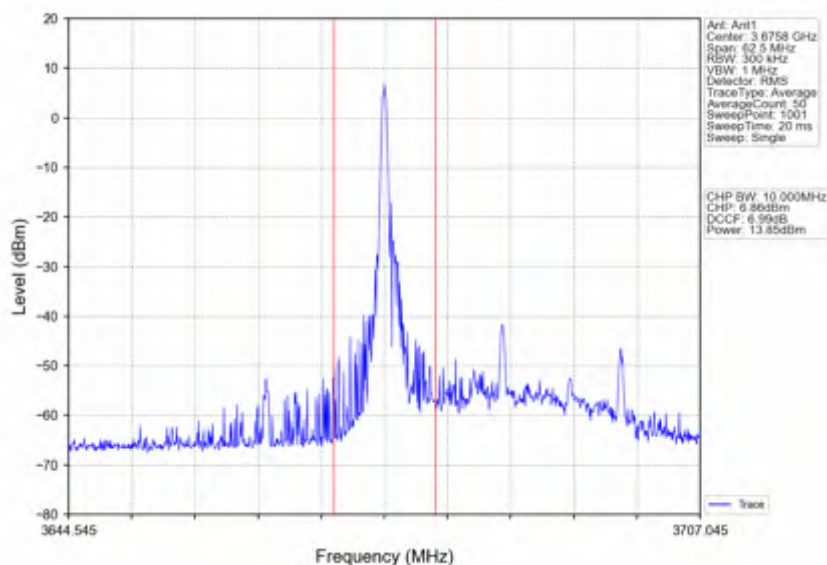
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com (86-512) 57370000 or email: CN-Online@sgs.com.

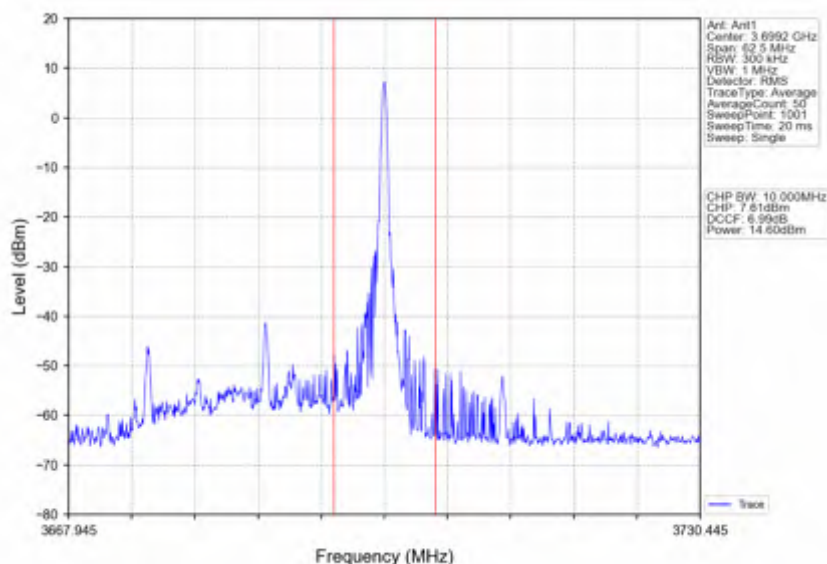
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

086-51257350888 086-51257370000 www.sgs.com.cn
086-51257350888 086-51257370000 sgs.china@sgs.com

n78d	15kHz	SISO	NTNV	25MHz	CP-OFDM	64 QAM	3687.495MHz	Inner	1RB	Left
------	-------	------	------	-------	---------	--------	-------------	-------	-----	------



n78d	15kHz	SISO	NTNV	25MHz	CP-OFDM	64 QAM	3687.495MHz	Inner	1RB	Right
------	-------	------	------	-------	---------	--------	-------------	-------	-----	-------

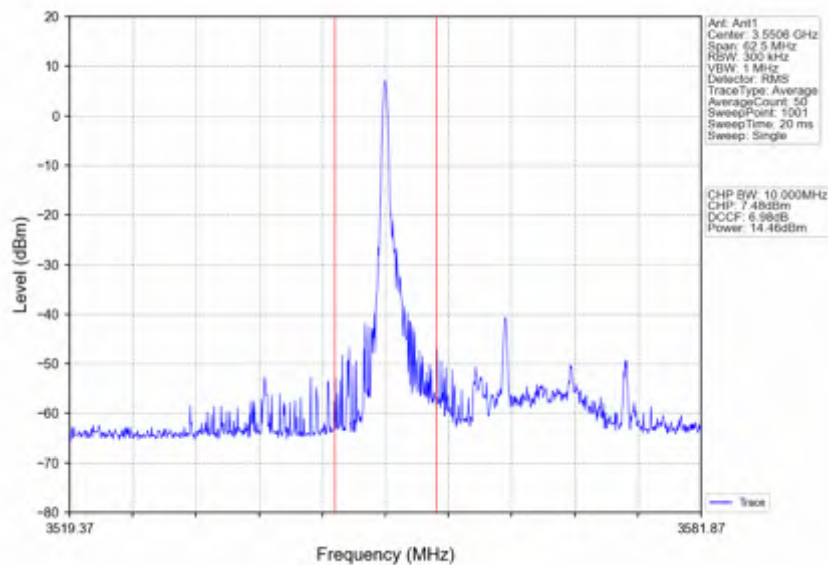


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed herein, available on request or accessible at <http://www.irs.com/irs/Terms-and-Conditions.aspx> and, for security of transmitted documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.com/irs/terms-and-conditions/Terms-a-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 dispute. The Company's responsibility is limited to the information contained in this document. Documents are not to be reproduced, stored 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 fact report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

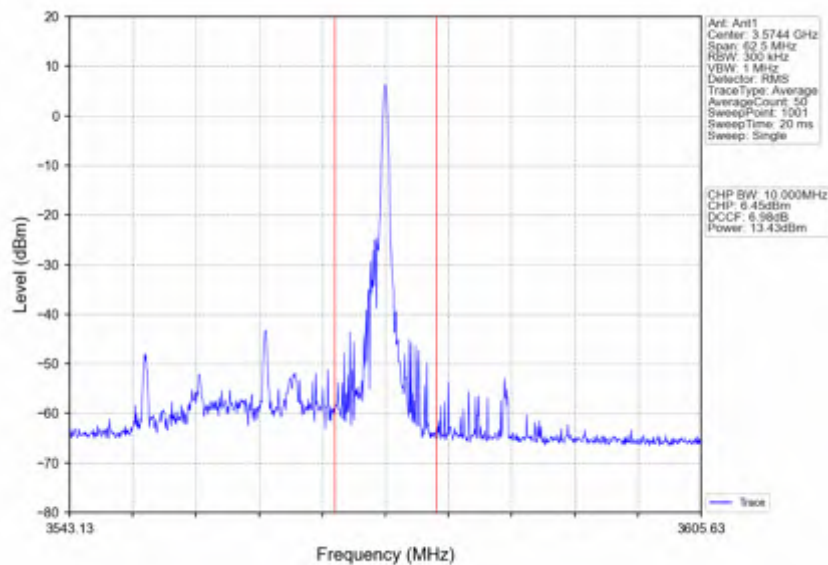
中国·江苏·昆山市留荣生创业园伟业路10号 邮编 215300

86-5125735888 86-5125737088 www.sgs.com.cn
86-5125735888 86-5125737088 sgs.china@sgs.com

n78d 15kHz SISO NTNv 25MHz CP-OFDM 256 QAM 3562.5MHz Edge 1RB Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3562.5MHz_Edge_1RB_Right

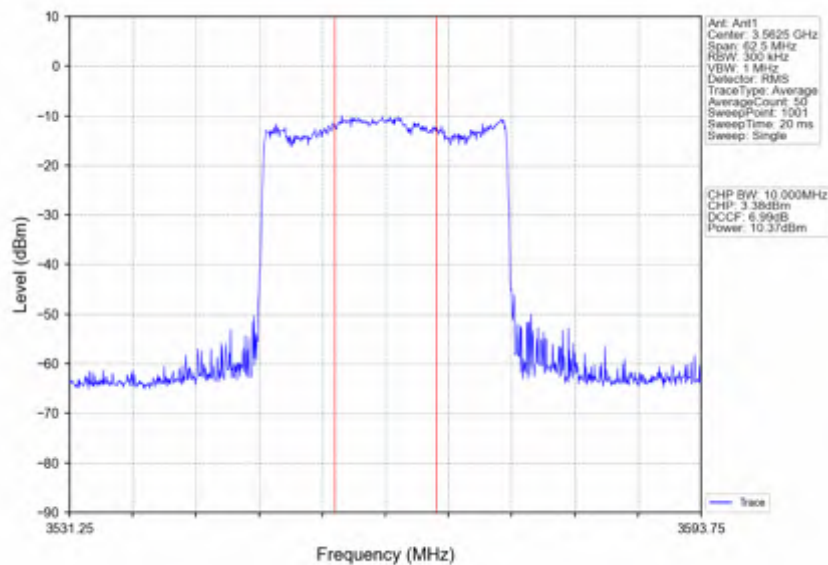


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/ETSI-Products-and-Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/Products-and-Conditions/Terms-a-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 herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error, if reported, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the ETSI Customer Support Office at ETSI-CSI@etsi.fr or <tel:+3333707410000>.

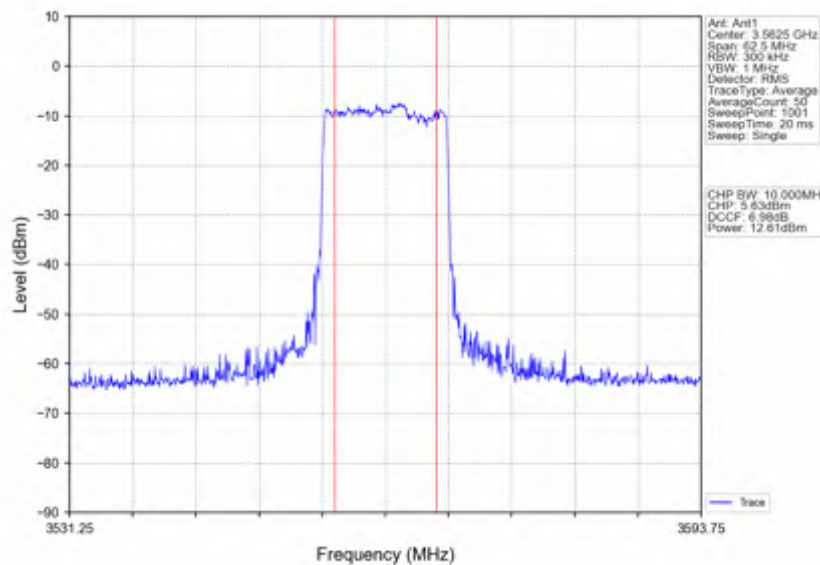
No. 10, Waiye Road, Innovation Park, Keshan, Jiangsu, China 215300
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3562.5MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3562.5MHz_Inner_Full

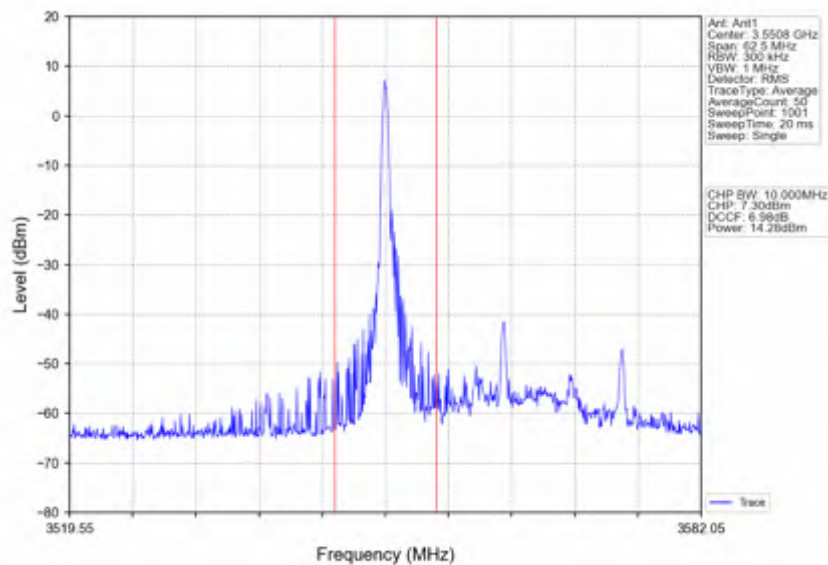


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/ETSI-Products-and-Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error, if reported, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the ETSI Customer Support Office at ETSI-CSI@etsi.fr or <tel:+3333707417000>.

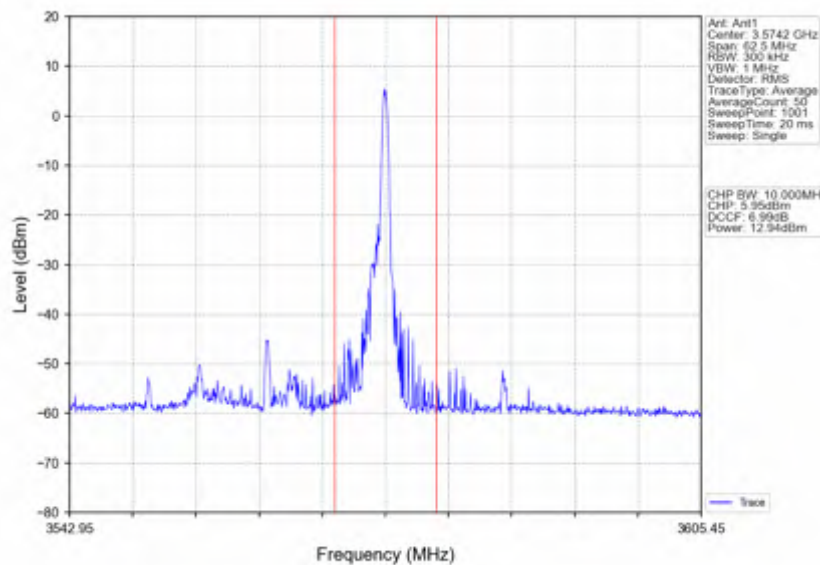
中国·江苏·昆山市周庄学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3562.5MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3562.5MHz_Inner_1RB_Right

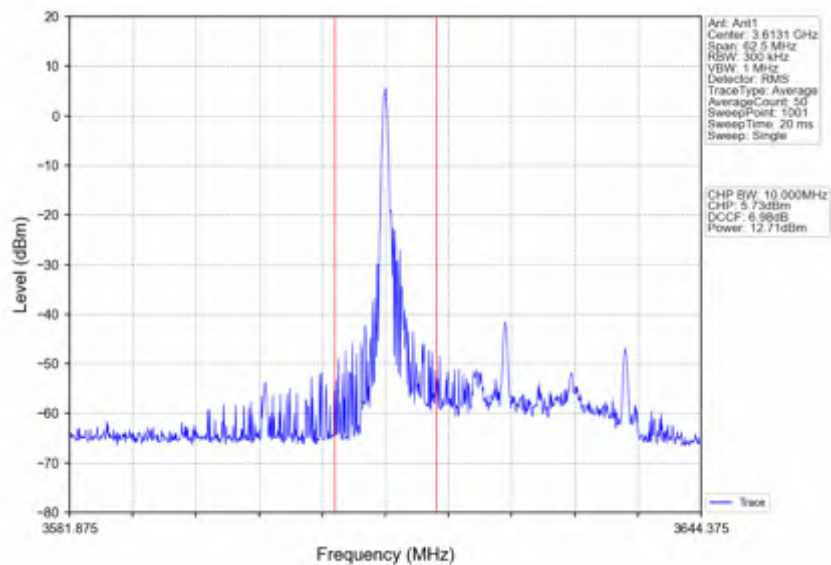


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability 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 samples shown in this fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

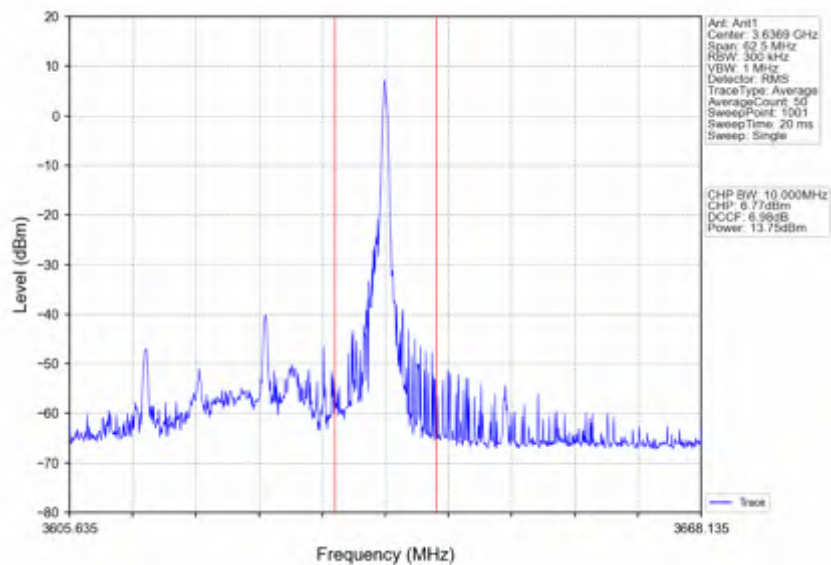
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-6126735688 086-6126737061 www.sgsygroup.com.cn
086-6126735688 086-6126737061 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3625.005MHz_Edge_1RB_Right

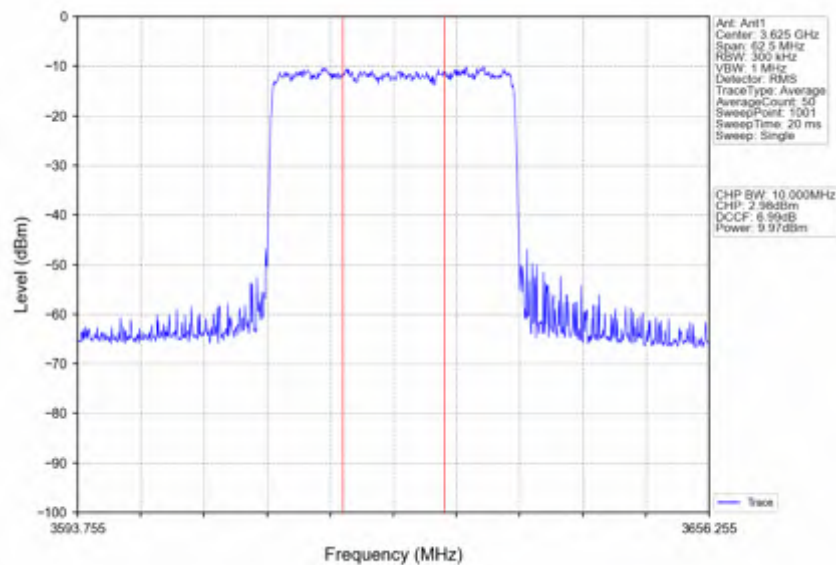


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.etsi.com/ETSI-Products-and-Conditions.aspx> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their own responsibility. The Company's liability is limited to the amount of the fee actually paid for the service, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. etsi@etsi.com or <tel:+352437342000> for testing enquiries and sample collection and delivery contact at any time. www.etsi.com for more information. [05/2019]

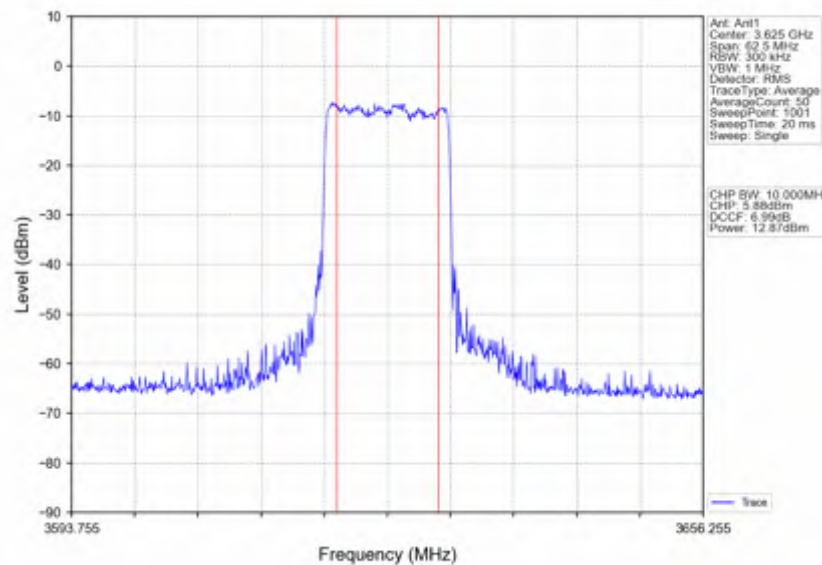
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM 256 QAM_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM 256 QAM_3625.005MHz_Inner_Full



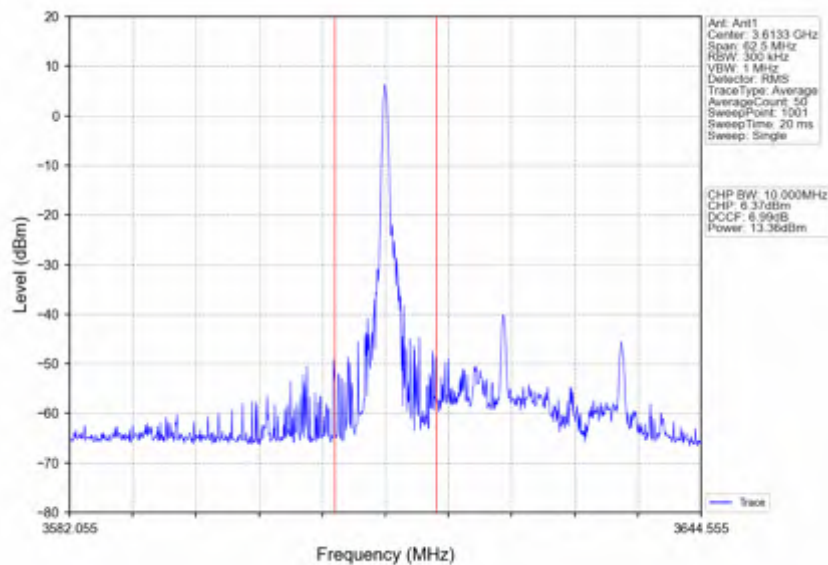
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 certification report & certificate, please connect us at china@sgs.com or CN-Online@sgs.com.

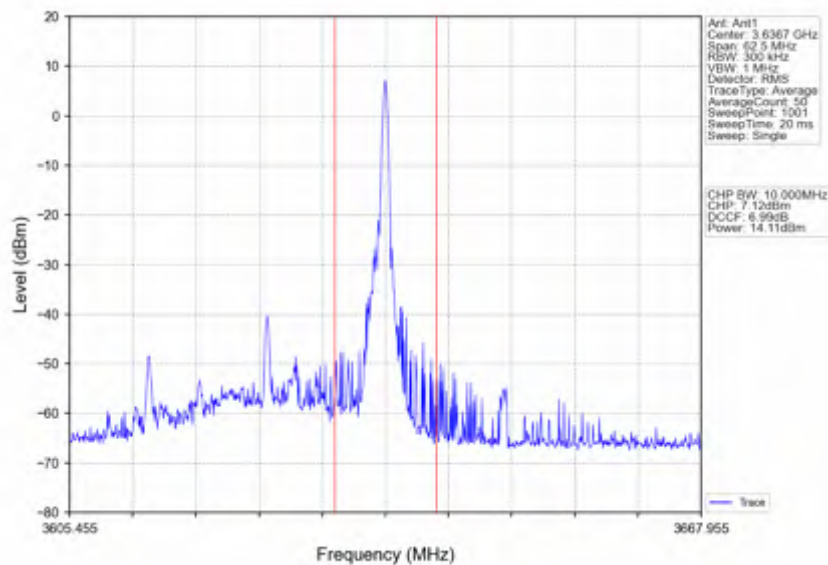
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

0512-57350888 0512-57370910 www.sgs.com.cn
0512-57350883 0512-57370911 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3625.005MHz_Inner_1RB_Right

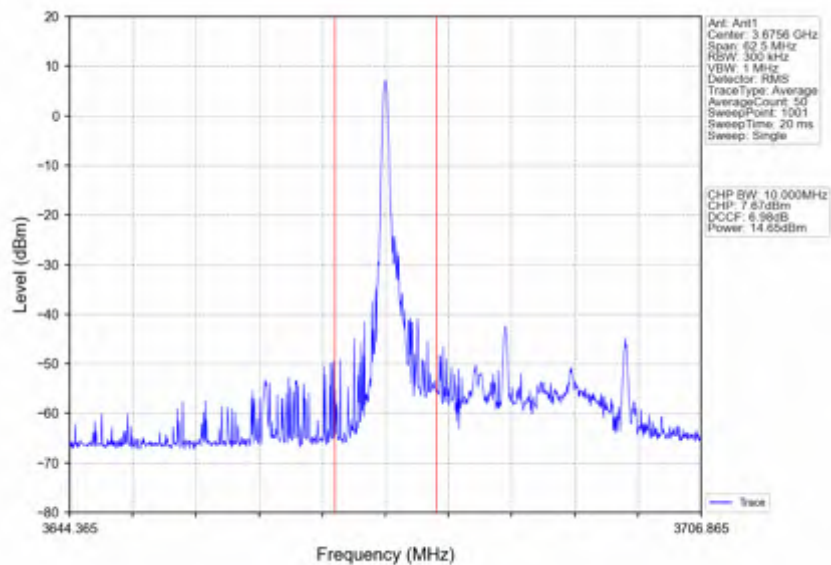


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/Products/ETSI%20Products%20and%20Conditions> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their own responsibility. The Company's liability is limited to the amount of the fee actually paid to the Company for the service, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. etsi@etsi.com or <tel:+352437342000> for testing enquiries and sample collection and delivery contact at any time. www.etsi.com for more information. [05/2019]

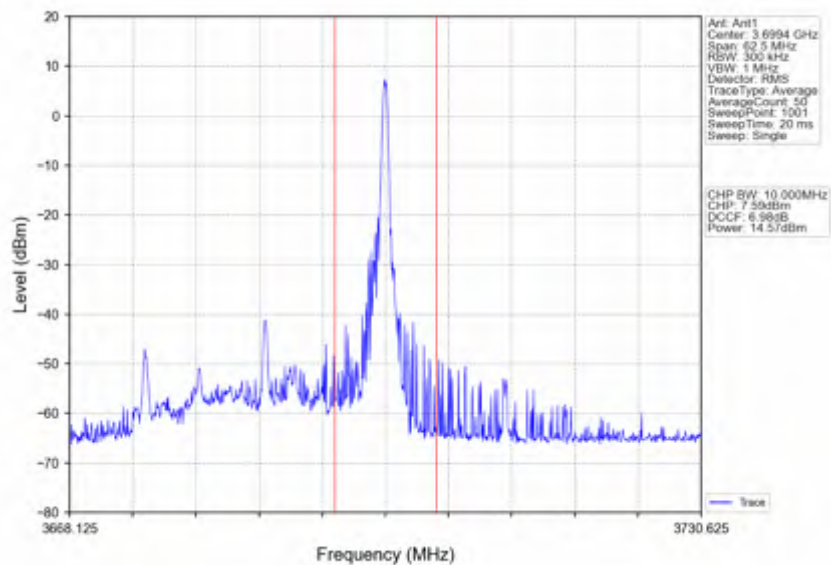
No. 10, Waiye Road, Innovation Park, Keshan, Jiangsu, China 215300
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM 256 QAM_3687.495MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM 256 QAM_3687.495MHz_Edge_1RB_Right



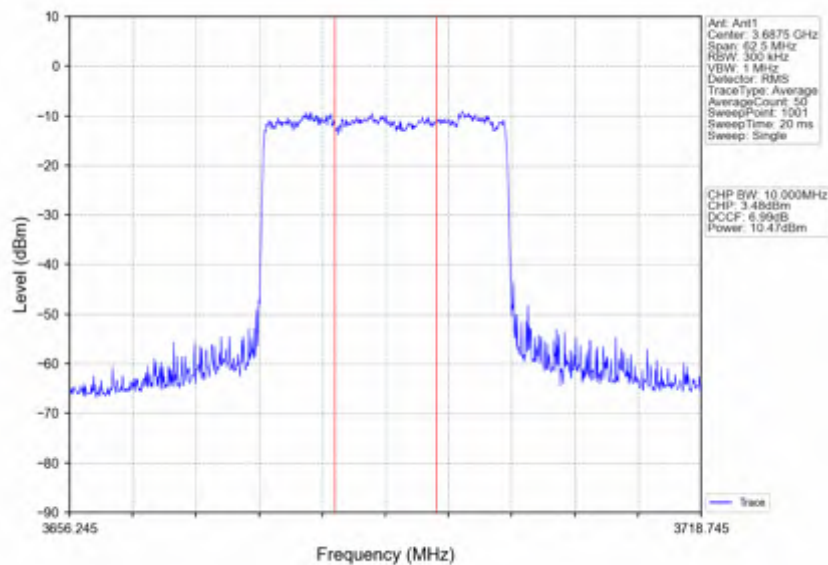
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 notification report & certificate, please connect us at china@sgs.com or CN-Check@sgs.com.

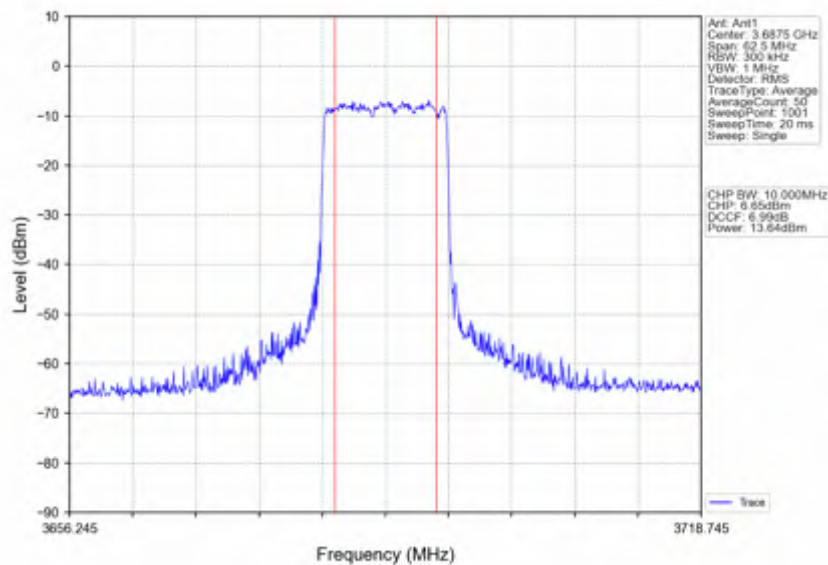
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

086-51257350888 086-51257370910 www.sgs.com.cn
086-51257350888 086-51257370910 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3687.495MHz_Outer_Full



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3687.495MHz_Inner_Full

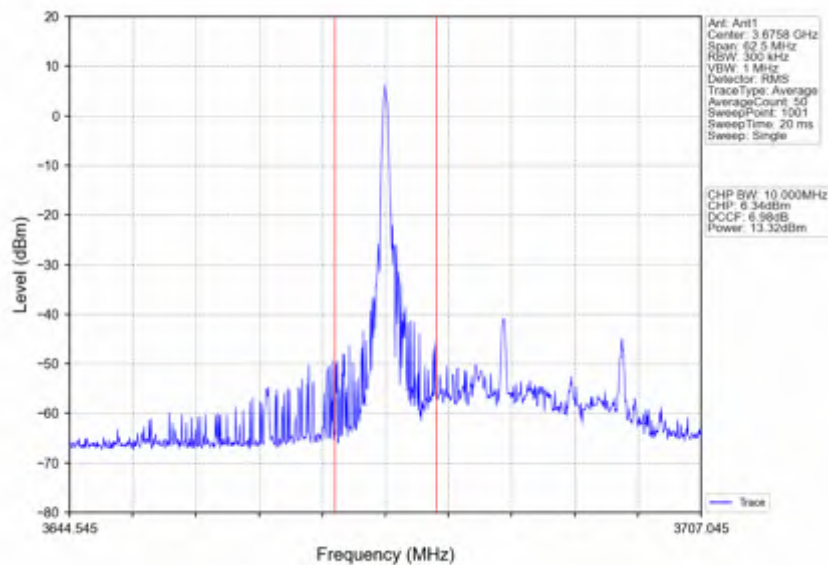


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic filing of documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

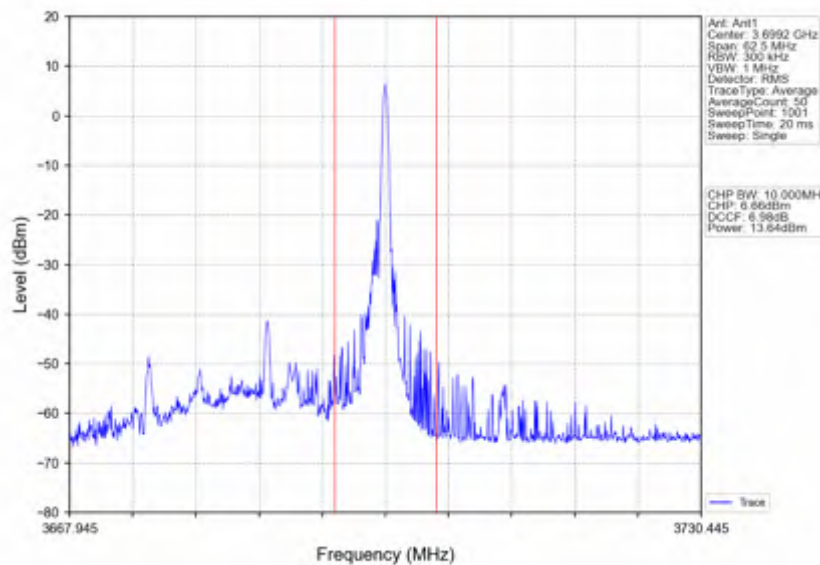
中国·江苏·昆山市留學生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3687.495MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3687.495MHz_Inner_1RB_Right
--



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/Products/ETSI%20Products%20and%20Conditions> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their own responsibility. The Company's liability is limited to the amount of the fee actually paid to the Company for the service, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. etsi@etsi.com or <tel:+352437342201> for testing enquiries and sample collection and delivery contact at any time. www.etsi.com for more information. [05/2019]

中国·江苏·昆山市周庄学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

8.5 15k_SISO_30MHz_NTNV_EIRP

8.5.1 Test Result

5G NR n78d SCS=15kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3565.005	Edge_1RB_Left	13.47	/	/	21.47	/	/	<=23	Pass
		Edge_1RB_Right	14.61	/	/	22.61	/	/	<=23	Pass
		Outer_Full	10.60	/	/	18.60	/	/	<=23	Pass
		Inner_Full	14.35	/	/	22.35	/	/	<=23	Pass
		Inner_1RB_Left	13.42	/	/	21.42	/	/	<=23	Pass
		Inner_1RB_Right	13.47	/	/	21.47	/	/	<=23	Pass
	3625.005	Edge_1RB_Left	14.73	/	/	22.73	/	/	<=23	Pass
		Edge_1RB_Right	11.69	/	/	19.69	/	/	<=23	Pass
		Outer_Full	11.99	/	/	19.99	/	/	<=23	Pass
		Inner_Full	14.88	/	/	22.88	/	/	<=23	Pass
		Inner_1RB_Left	13.24	/	/	21.24	/	/	<=23	Pass
		Inner_1RB_Right	12.79	/	/	20.79	/	/	<=23	Pass
	3684.99	Edge_1RB_Left	13.58	/	/	21.58	/	/	<=23	Pass
		Edge_1RB_Right	13.36	/	/	21.36	/	/	<=23	Pass
		Outer_Full	9.88	/	/	17.88	/	/	<=23	Pass
		Inner_Full	12.08	/	/	20.08	/	/	<=23	Pass
		Inner_1RB_Left	13.26	/	/	21.26	/	/	<=23	Pass
		Inner_1RB_Right	13.73	/	/	21.73	/	/	<=23	Pass
DFT-s-OFDM QPSK	3565.005	Edge_1RB_Left	13.72	/	/	21.72	/	/	<=23	Pass
		Edge_1RB_Right	13.64	/	/	21.64	/	/	<=23	Pass
		Outer_Full	7.83	/	/	15.83	/	/	<=23	Pass
		Inner_Full	11.23	/	/	19.23	/	/	<=23	Pass
		Inner_1RB_Left	12.16	/	/	20.16	/	/	<=23	Pass
		Inner_1RB_Right	13.98	/	/	21.98	/	/	<=23	Pass
	3625.005	Edge_1RB_Left	13.02	/	/	21.02	/	/	<=23	Pass
		Edge_1RB_Right	12.76	/	/	20.76	/	/	<=23	Pass
		Outer_Full	9.52	/	/	17.52	/	/	<=23	Pass
		Inner_Full	11.92	/	/	19.92	/	/	<=23	Pass
		Inner_1RB_Left	12.86	/	/	20.86	/	/	<=23	Pass
		Inner_1RB_Right	12.85	/	/	20.85	/	/	<=23	Pass
	3684.99	Edge_1RB_Left	14.07	/	/	22.07	/	/	<=23	Pass
		Edge_1RB_Right	14.93	/	/	22.93	/	/	<=23	Pass
		Outer_Full	9.72	/	/	17.72	/	/	<=23	Pass
		Inner_Full	12.89	/	/	20.89	/	/	<=23	Pass
		Inner_1RB_Left	13.43	/	/	21.43	/	/	<=23	Pass
		Inner_1RB_Right	13.78	/	/	21.78	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3565.005	Edge_1RB_Left	12.94	/	/	20.94	/	/	<=23	Pass
		Edge_1RB_Right	14.13	/	/	22.13	/	/	<=23	Pass
		Outer_Full	9.73	/	/	17.73	/	/	<=23	Pass
		Inner_Full	12.97	/	/	20.97	/	/	<=23	Pass
		Inner_1RB_Left	12.85	/	/	20.85	/	/	<=23	Pass
		Inner_1RB_Right	12.34	/	/	20.34	/	/	<=23	Pass
	3625.005	Edge_1RB_Left	14.89	/	/	22.89	/	/	<=23	Pass
		Edge_1RB_Right	12.44	/	/	20.44	/	/	<=23	Pass
		Outer_Full	10.65	/	/	18.65	/	/	<=23	Pass
		Inner_Full	12.47	/	/	20.47	/	/	<=23	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-and-Conditions-for-Electronic-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 conclusion report & certificate, please connect us at least one (86-512)57370911 or email: CH.Official@sgs.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
 中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

(86-512)57370888 (86-512)57370911 www.sgsgroup.com.cn
 (86-512)57370888 (86-512)57370911 sgs.china@sgs.com

DFT-s-OFDM 64 QAM		Inner_1RB_Left	14.93	/	/	22.93	/	/	<=23	Pass
		Inner_1RB_Right	12.50	/	/	20.50	/	/	<=23	Pass
	3684.99	Edge_1RB_Left	14.81	/	/	22.81	/	/	<=23	Pass
		Edge_1RB_Right	14.96	/	/	22.96	/	/	<=23	Pass
		Outer_Full	10.31	/	/	18.31	/	/	<=23	Pass
		Inner_Full	12.47	/	/	20.47	/	/	<=23	Pass
		Inner_1RB_Left	14.67	/	/	22.67	/	/	<=23	Pass
		Inner_1RB_Right	14.29	/	/	22.29	/	/	<=23	Pass
	3565.005	Edge_1RB_Left	13.44	/	/	21.44	/	/	<=23	Pass
		Edge_1RB_Right	11.52	/	/	19.52	/	/	<=23	Pass
		Outer_Full	10.07	/	/	18.07	/	/	<=23	Pass
		Inner_Full	9.44	/	/	17.44	/	/	<=23	Pass
		Inner_1RB_Left	13.75	/	/	21.75	/	/	<=23	Pass
		Inner_1RB_Right	14.15	/	/	22.15	/	/	<=23	Pass
	3625.005	Edge_1RB_Left	14.21	/	/	22.21	/	/	<=23	Pass
		Edge_1RB_Right	12.56	/	/	20.56	/	/	<=23	Pass
		Outer_Full	8.60	/	/	16.60	/	/	<=23	Pass
		Inner_Full	12.08	/	/	20.08	/	/	<=23	Pass
		Inner_1RB_Left	14.12	/	/	22.12	/	/	<=23	Pass
		Inner_1RB_Right	12.75	/	/	20.75	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3684.99	Edge_1RB_Left	13.91	/	/	21.91	/	/	<=23	Pass
		Edge_1RB_Right	14.40	/	/	22.40	/	/	<=23	Pass
		Outer_Full	10.12	/	/	18.12	/	/	<=23	Pass
		Inner_Full	12.67	/	/	20.67	/	/	<=23	Pass
		Inner_1RB_Left	14.62	/	/	22.62	/	/	<=23	Pass
		Inner_1RB_Right	14.73	/	/	22.73	/	/	<=23	Pass
	3565.005	Edge_1RB_Left	13.50	/	/	21.50	/	/	<=23	Pass
		Edge_1RB_Right	14.80	/	/	22.80	/	/	<=23	Pass
		Outer_Full	8.23	/	/	16.23	/	/	<=23	Pass
		Inner_Full	12.70	/	/	20.70	/	/	<=23	Pass
		Inner_1RB_Left	13.35	/	/	21.35	/	/	<=23	Pass
		Inner_1RB_Right	14.22	/	/	22.22	/	/	<=23	Pass
	3625.005	Edge_1RB_Left	13.65	/	/	21.65	/	/	<=23	Pass
		Edge_1RB_Right	13.57	/	/	21.57	/	/	<=23	Pass
		Outer_Full	8.98	/	/	16.98	/	/	<=23	Pass
		Inner_Full	11.34	/	/	19.34	/	/	<=23	Pass
		Inner_1RB_Left	14.00	/	/	22.00	/	/	<=23	Pass
		Inner_1RB_Right	14.35	/	/	22.35	/	/	<=23	Pass
	3684.99	Edge_1RB_Left	14.55	/	/	22.55	/	/	<=23	Pass
		Edge_1RB_Right	13.61	/	/	21.61	/	/	<=23	Pass
		Outer_Full	10.10	/	/	18.10	/	/	<=23	Pass
		Inner_Full	12.56	/	/	20.56	/	/	<=23	Pass
		Inner_1RB_Left	14.87	/	/	22.87	/	/	<=23	Pass
		Inner_1RB_Right	14.90	/	/	22.90	/	/	<=23	Pass
CP-OFDM QPSK	3565.005	Edge_1RB_Left	13.85	/	/	21.85	/	/	<=23	Pass
		Edge_1RB_Right	14.13	/	/	22.13	/	/	<=23	Pass
		Outer_Full	9.64	/	/	17.64	/	/	<=23	Pass
		Inner_Full	9.12	/	/	17.12	/	/	<=23	Pass
		Inner_1RB_Left	13.51	/	/	21.51	/	/	<=23	Pass
		Inner_1RB_Right	13.42	/	/	21.42	/	/	<=23	Pass
	3625.005	Edge_1RB_Left	13.12	/	/	21.12	/	/	<=23	Pass
		Edge_1RB_Right	12.71	/	/	20.71	/	/	<=23	Pass
		Outer_Full	9.26	/	/	17.26	/	/	<=23	Pass
		Inner_Full	12.77	/	/	20.77	/	/	<=23	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-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 herein 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 conclusion report & certificate, please connect us at sgs@sgs.com or CN-Check@sgs.com.

No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学生创业园伟业路18号 邮编 215300

0512-5125735000 0512-5125737010 www.sgs.com.cn

0512-5125735000 0512-5125737010 sgs.china@sgs.com

		Inner_1RB_Left	14.63	/	/	22.63	/	/	<=23	Pass	
		Inner_1RB_Right	14.19	/	/	22.19	/	/	<=23	Pass	
	3684.99	Edge_1RB_Left	14.35	/	/	22.35	/	/	<=23	Pass	
		Edge_1RB_Right	14.47	/	/	22.47	/	/	<=23	Pass	
		Outer_Full	9.74	/	/	17.74	/	/	<=23	Pass	
		Inner_Full	12.30	/	/	20.30	/	/	<=23	Pass	
		Inner_1RB_Left	13.88	/	/	21.88	/	/	<=23	Pass	
		Inner_1RB_Right	15.00	/	/	23.00	/	/	<=23	Pass	
CP-OFDM 16 QAM	3565.005	Edge_1RB_Left	12.62	/	/	20.62	/	/	<=23	Pass	
		Edge_1RB_Right	12.85	/	/	20.85	/	/	<=23	Pass	
		Outer_Full	9.85	/	/	17.85	/	/	<=23	Pass	
		Inner_Full	11.04	/	/	19.04	/	/	<=23	Pass	
		Inner_1RB_Left	13.41	/	/	21.41	/	/	<=23	Pass	
		Inner_1RB_Right	11.33	/	/	19.33	/	/	<=23	Pass	
	3625.005	Edge_1RB_Left	13.71	/	/	21.71	/	/	<=23	Pass	
		Edge_1RB_Right	13.33	/	/	21.33	/	/	<=23	Pass	
		Outer_Full	8.78	/	/	16.78	/	/	<=23	Pass	
		Inner_Full	11.36	/	/	19.36	/	/	<=23	Pass	
		Inner_1RB_Left	12.25	/	/	20.25	/	/	<=23	Pass	
		Inner_1RB_Right	13.80	/	/	21.80	/	/	<=23	Pass	
	3684.99	Edge_1RB_Left	13.72	/	/	21.72	/	/	<=23	Pass	
		Edge_1RB_Right	13.52	/	/	21.52	/	/	<=23	Pass	
		Outer_Full	9.27	/	/	17.27	/	/	<=23	Pass	
		Inner_Full	13.31	/	/	21.31	/	/	<=23	Pass	
		Inner_1RB_Left	13.46	/	/	21.46	/	/	<=23	Pass	
		Inner_1RB_Right	14.40	/	/	22.40	/	/	<=23	Pass	
	CP-OFDM 64 QAM	3565.005	Edge_1RB_Left	13.68	/	/	21.68	/	/	<=23	Pass
			Edge_1RB_Right	8.74	/	/	16.74	/	/	<=23	Pass
			Outer_Full	7.33	/	/	15.33	/	/	<=23	Pass
			Inner_Full	13.18	/	/	21.18	/	/	<=23	Pass
			Inner_1RB_Left	13.60	/	/	21.60	/	/	<=23	Pass
			Inner_1RB_Right	12.92	/	/	20.92	/	/	<=23	Pass
3625.005		Edge_1RB_Left	12.75	/	/	20.75	/	/	<=23	Pass	
		Edge_1RB_Right	12.52	/	/	20.52	/	/	<=23	Pass	
		Outer_Full	8.87	/	/	16.87	/	/	<=23	Pass	
		Inner_Full	12.10	/	/	20.10	/	/	<=23	Pass	
		Inner_1RB_Left	13.98	/	/	21.98	/	/	<=23	Pass	
		Inner_1RB_Right	11.59	/	/	19.59	/	/	<=23	Pass	
3684.99		Edge_1RB_Left	14.11	/	/	22.11	/	/	<=23	Pass	
		Edge_1RB_Right	14.00	/	/	22.00	/	/	<=23	Pass	
		Outer_Full	10.13	/	/	18.13	/	/	<=23	Pass	
		Inner_Full	12.87	/	/	20.87	/	/	<=23	Pass	
		Inner_1RB_Left	13.55	/	/	21.55	/	/	<=23	Pass	
		Inner_1RB_Right	14.09	/	/	22.09	/	/	<=23	Pass	
CP-OFDM 256 QAM	3565.005	Edge_1RB_Left	12.60	/	/	20.60	/	/	<=23	Pass	
		Edge_1RB_Right	6.79	/	/	14.79	/	/	<=23	Pass	
		Outer_Full	8.88	/	/	16.88	/	/	<=23	Pass	
		Inner_Full	11.66	/	/	19.66	/	/	<=23	Pass	
		Inner_1RB_Left	12.93	/	/	20.93	/	/	<=23	Pass	
		Inner_1RB_Right	13.24	/	/	21.24	/	/	<=23	Pass	
	3625.005	Edge_1RB_Left	10.30	/	/	18.30	/	/	<=23	Pass	
		Edge_1RB_Right	13.88	/	/	21.88	/	/	<=23	Pass	
		Outer_Full	9.47	/	/	17.47	/	/	<=23	Pass	
		Inner_Full	12.38	/	/	20.38	/	/	<=23	Pass	



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.egg.com/terms-and-conditions.aspx>, and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.egg.com/terms-and-conditions.aspx>. The Company is not drawn to the attention of the Client, in connection with this document, any notice of this document or any information contained herein which reflects the Company's findings at the time of its intervention and/or 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.

中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

86-5125735888 86-5125737088 www.sgs.com.cn
86-5125735888 86-5125737088 sgs.china@sgs.com

		Inner 1RB Left	12.69	/	/	20.69	/	/	<=23	Pass
		Inner 1RB Right	13.39	/	/	21.39	/	/	<=23	Pass
	3684.99	Edge 1RB Left	13.56	/	/	21.56	/	/	<=23	Pass
		Edge 1RB Right	13.44	/	/	21.44	/	/	<=23	Pass
		Outer Full	9.84	/	/	17.84	/	/	<=23	Pass
		Inner Full	13.12	/	/	21.12	/	/	<=23	Pass
		Inner 1RB Left	14.96	/	/	22.96	/	/	<=23	Pass
		Inner 1RB Right	14.20	/	/	22.20	/	/	<=23	Pass

Note1: Antenna Gain: Ant1: 8.00dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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-a-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.

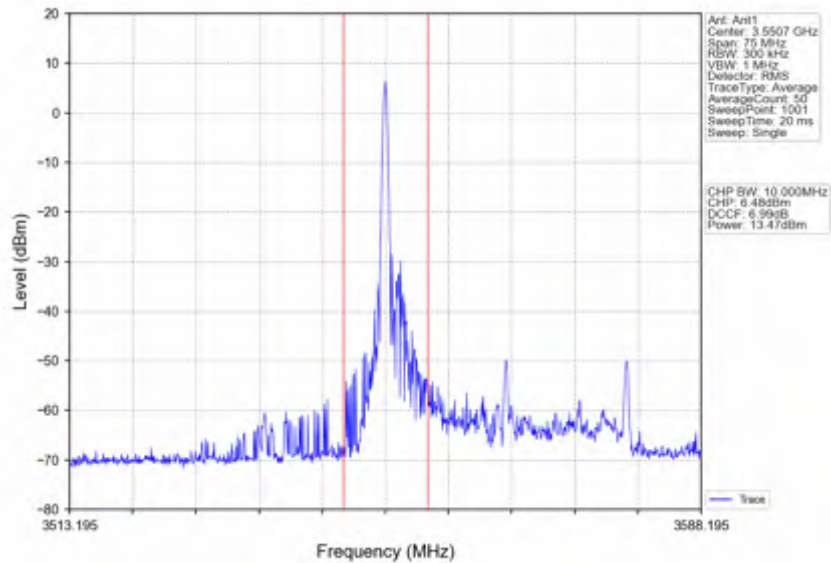
Attention: To check the authenticity of testing certification report & certificate, please connect us at telephone: (86-512) 57370011 or email: CN-Check@sgs.com.

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

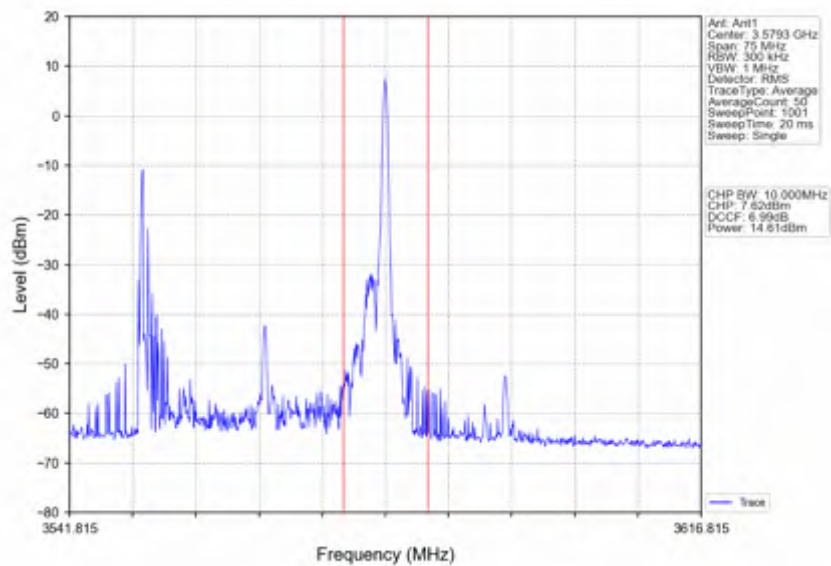
(86-512) 57350888 (86-512) 57370011 www.sgs.com.cn
(86-512) 57350883 (86-512) 57370011 sgs.china@sgs.com

8.5.2 Test Graph

n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3565.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3565.005MHz_Edge_1RB_Right



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-and-Conditions-for-Electronic-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com (86-512)57370011 or email: CHN.Certification@sgs.com.

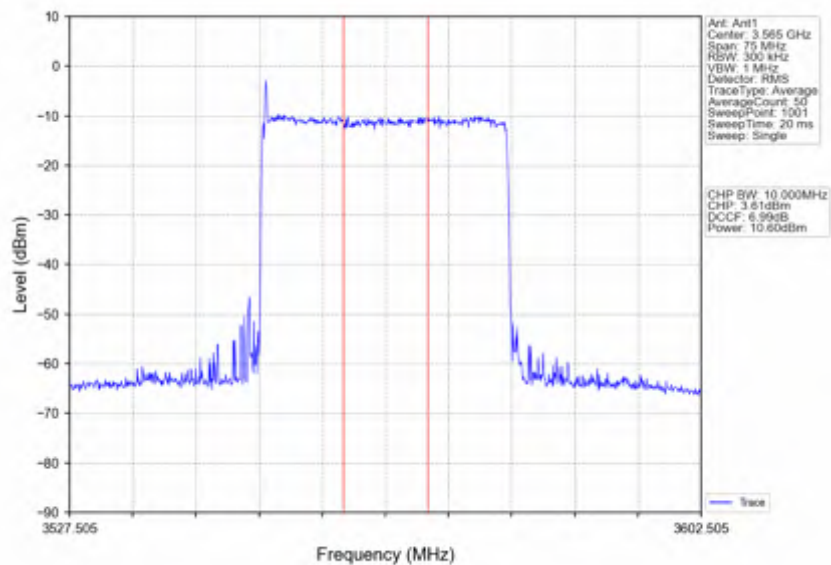
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

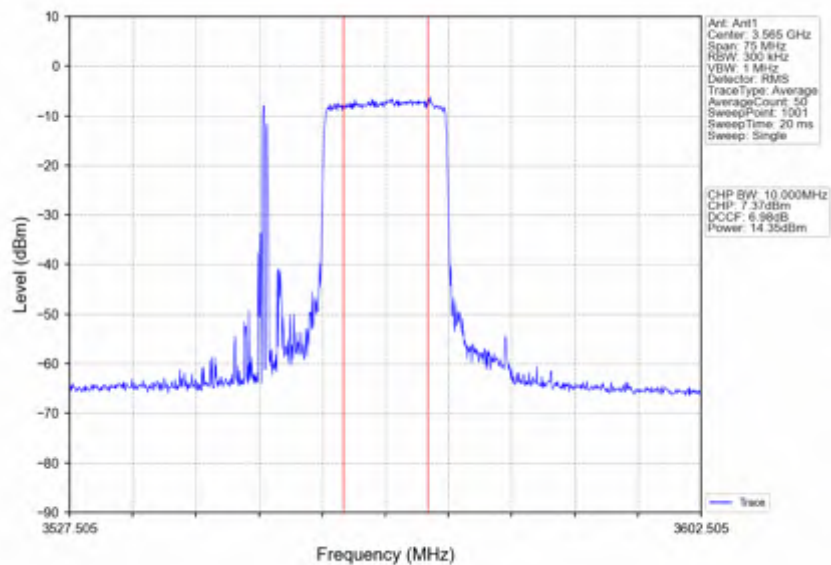
(86-512)57350888 (86-512)57370011 www.sgs.com.cn

(86-512)57350883 (86-512)57370011 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3565.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3565.005MHz_Inner_Full

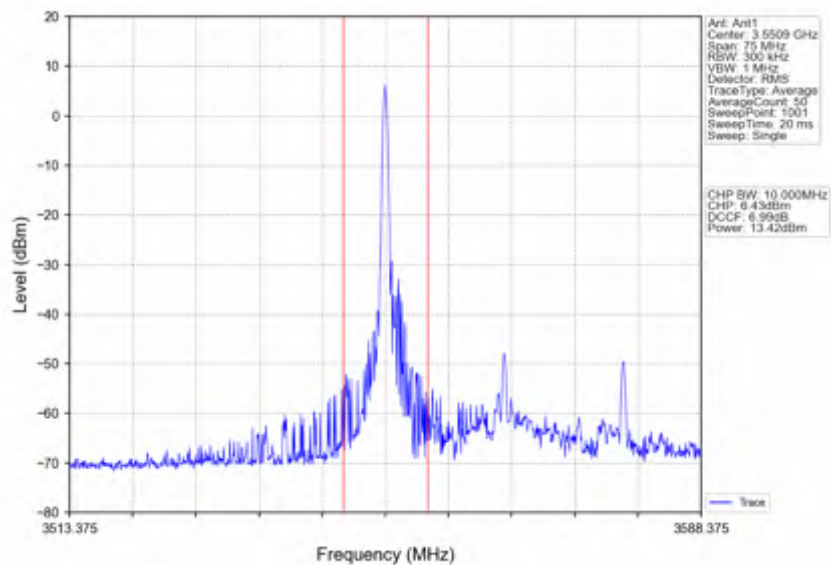


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. 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 the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability 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 samples shown in this fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

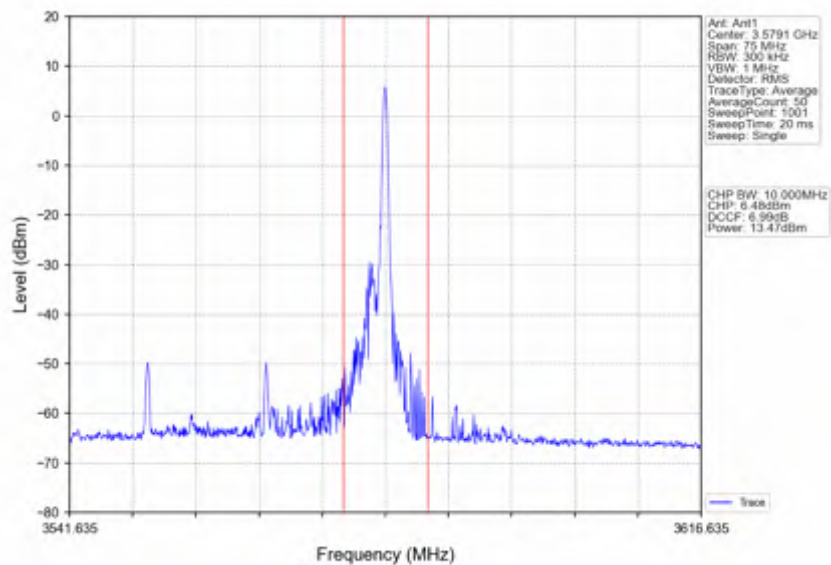
中国·江苏·昆山市留园学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsgroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3565.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3565.005MHz_Inner_1RB_Right

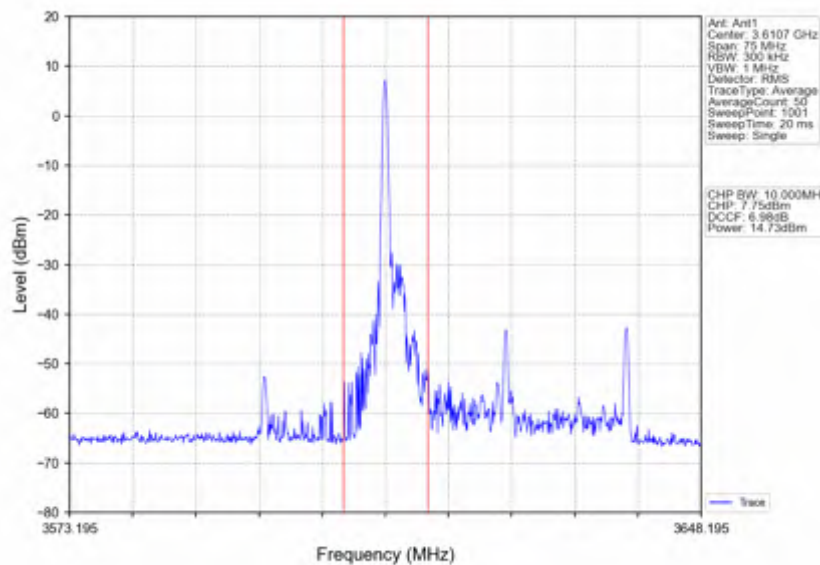


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed hereon, available on request or accessible at <http://www.irs.gov/efile/terms-and-conditions.asp> and, for electronic documents, subject to Terms and Conditions for Electronic Documents at <http://www.irs.gov/efile/terms-and-conditions/terms-and-conditions.asp>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is limited to the matters specified in its instructions and it does not accept liability, 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 samples shown in this fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

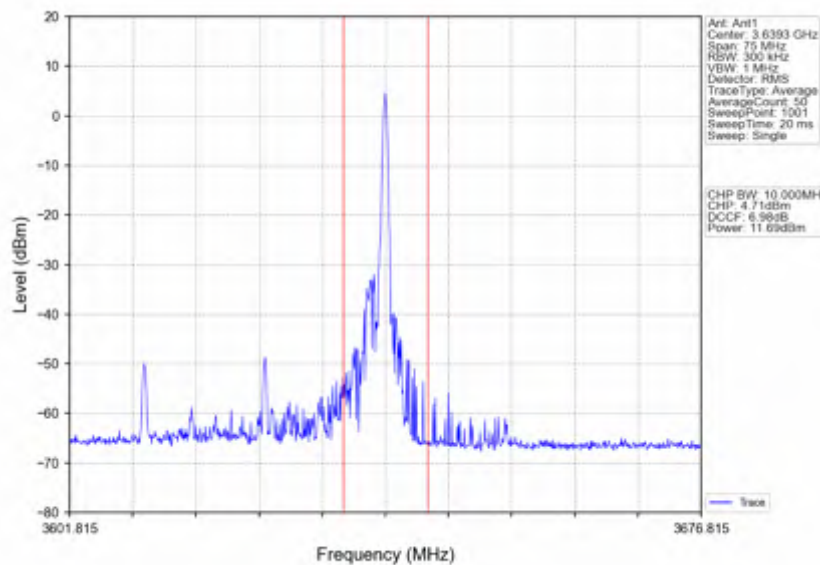
No. 10, Waiye Road, Innovation Park, Komsan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

86-5125735688 86-5125737011 www.sgschina.com.cn
86-5125735688 86-5125737011 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3625.005MHz_Edge_1RB_Right



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-a-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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

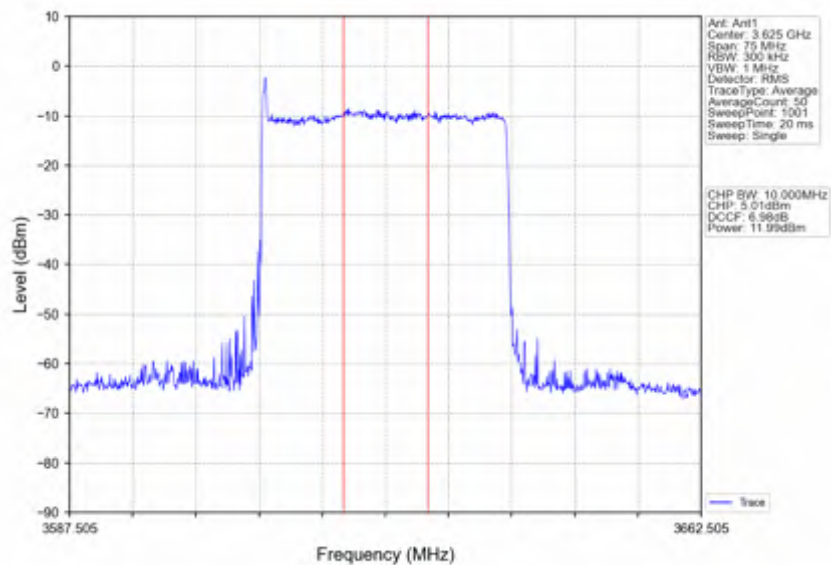
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

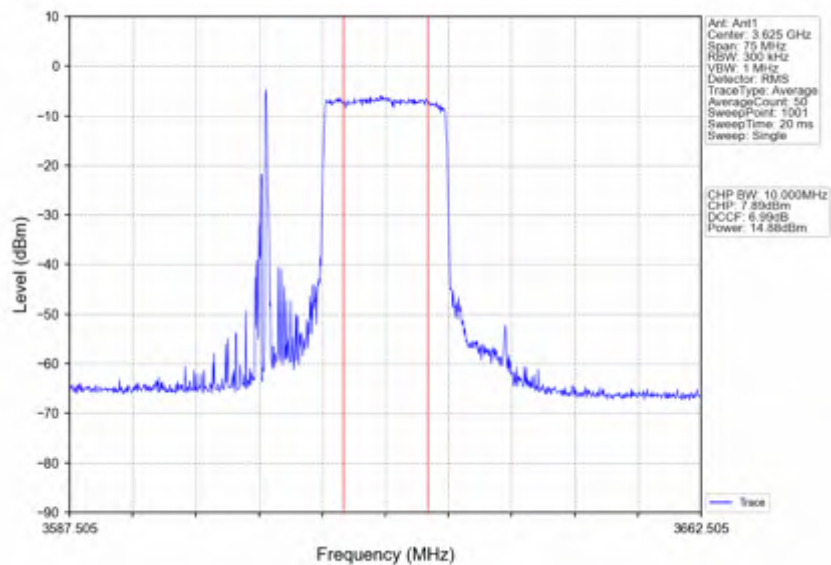
086-51215735088 086-51215737010 www.sgs.com.cn

086-51215735088 086-51215737010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3625.005MHz_Inner_Full



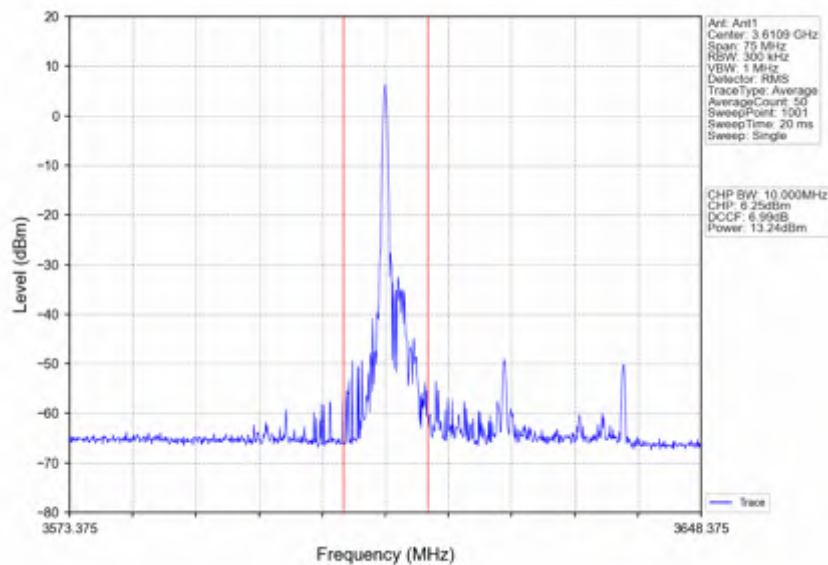
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 herein 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 certification report & certificate, please connect us at sgs@sgs.com or sgs@sgs.com or email: CN-Online@sgs.com.

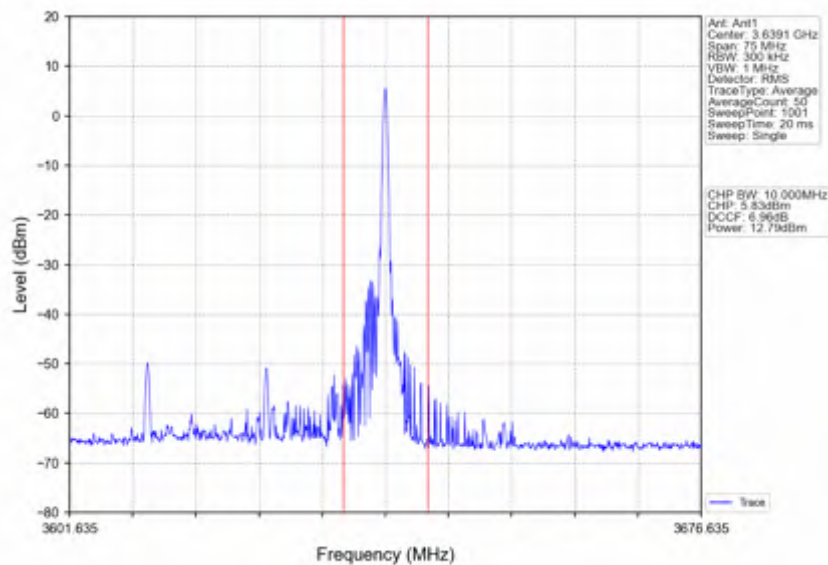
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

0512-57350888 0512-57370910 www.sgs.com.cn
0512-51257350888 0512-51257370910 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3625.005MHz_Inner_1RB_Right



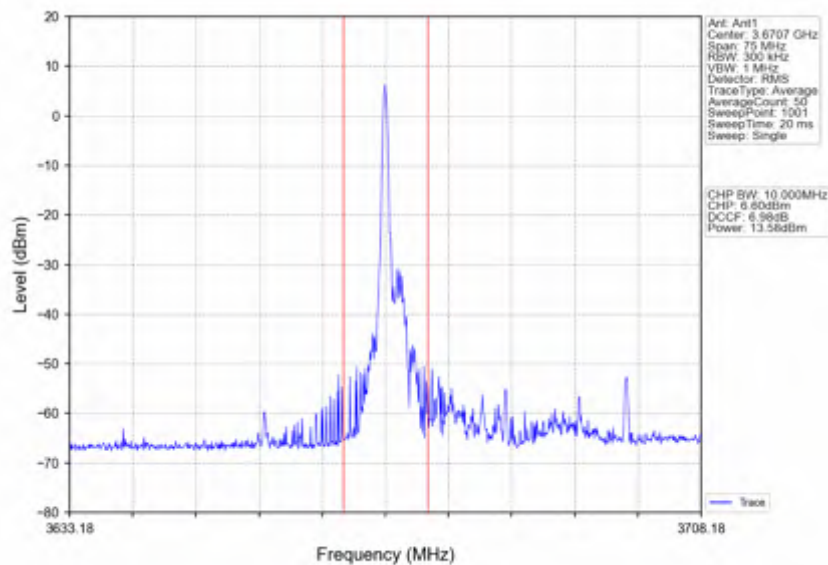
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overall, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 certification report & certificate, please connect us at sgs@sgs.com or sgs@sgs.com or email: CH.Official@sgs.com.

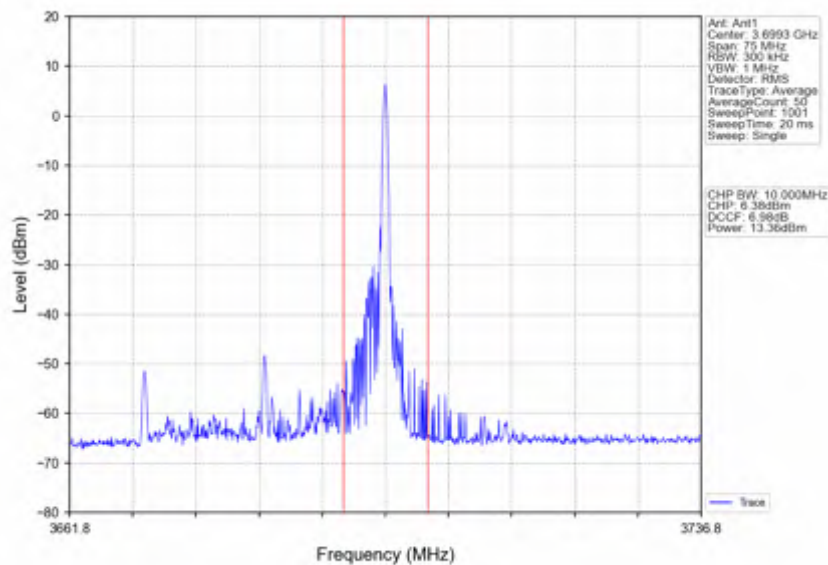
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

0512-57350888 0512-57370910 www.sgs.com.cn
0512-51257350888 0512-51257370910 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3684.99MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3684.99MHz_Edge_1RB_Right

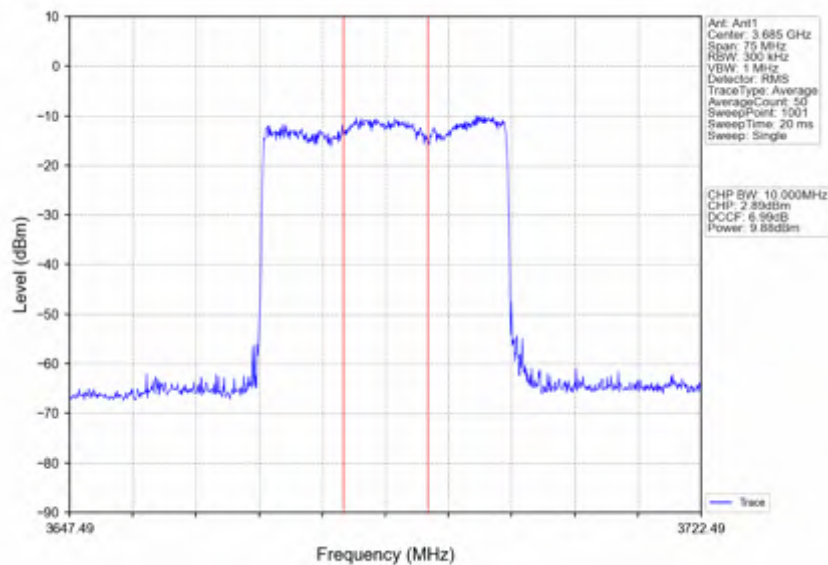


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/Products/ETSI%20Products%20and%20Conditions> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error in the report, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the Company at info@etsi.com or <tel:+352437342000>.

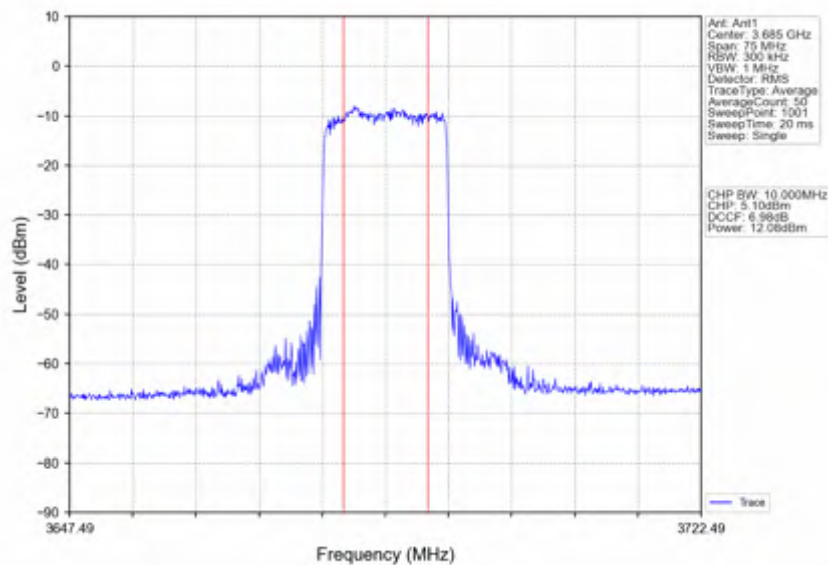
中国·江苏·昆山市周庄学生创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3684.99MHz_Outer_Full



n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3684.99MHz_Inner_Full



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-and-Conditions-for-Electronic-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 certification report & certificate, please connect us at sgs@sgs.com or sgs@sgs.com or sgs@sgs.com.

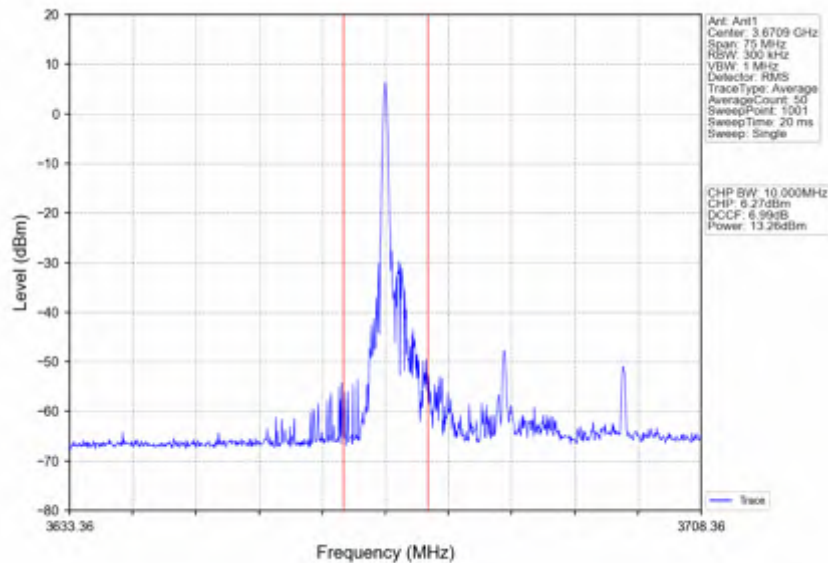
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

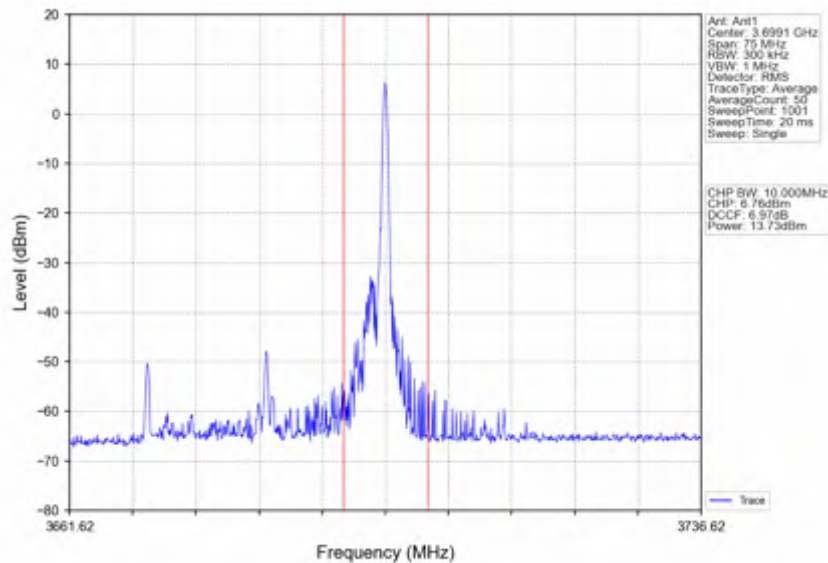
086-5125735088 086-5125737010 www.sgs.com.cn

086-5125735088 086-5125737010 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3684.99MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3684.99MHz_Inner_1RB_Right



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-a-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 certification report & certificate, please connect us at sgs@sgs.com or CH.Official@sgs.com.

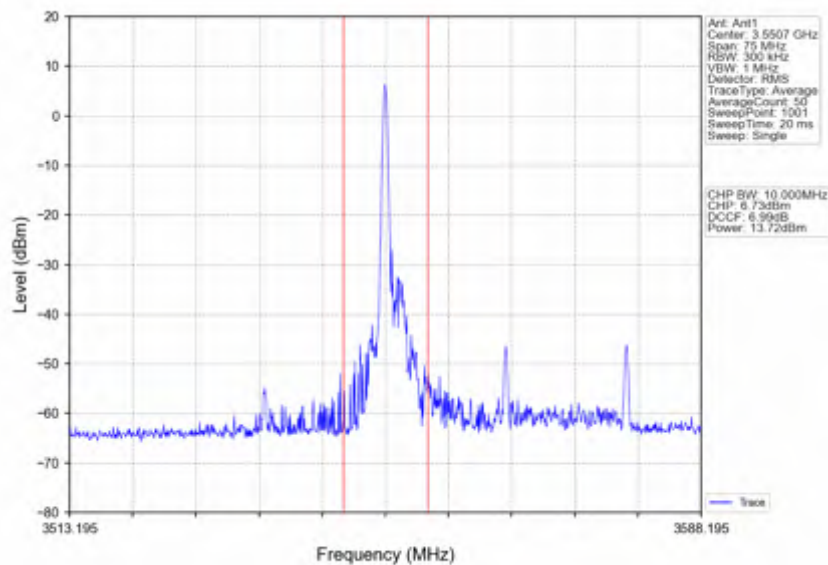
No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

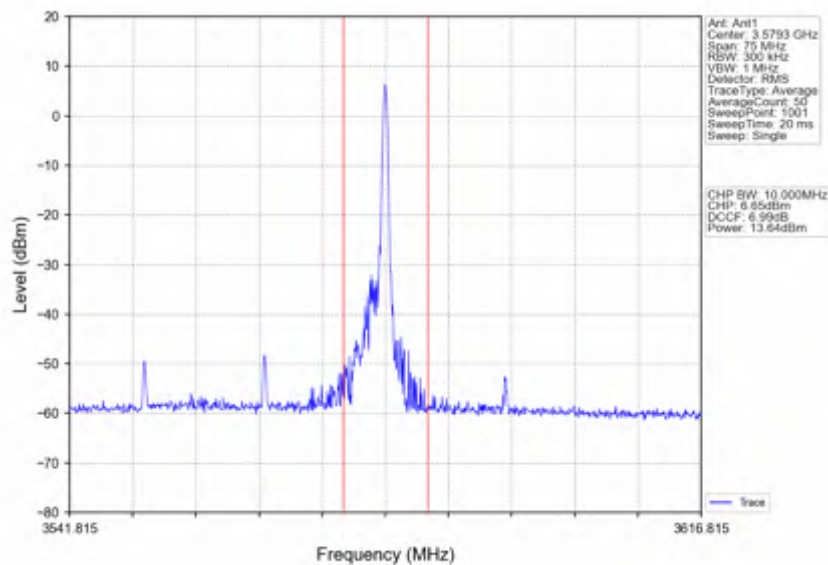
0512-51257350888 0512-51257370111 www.sgs.com.cn

0512-51257350888 0512-51257370111 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3565.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3565.005MHz_Edge_1RB_Right

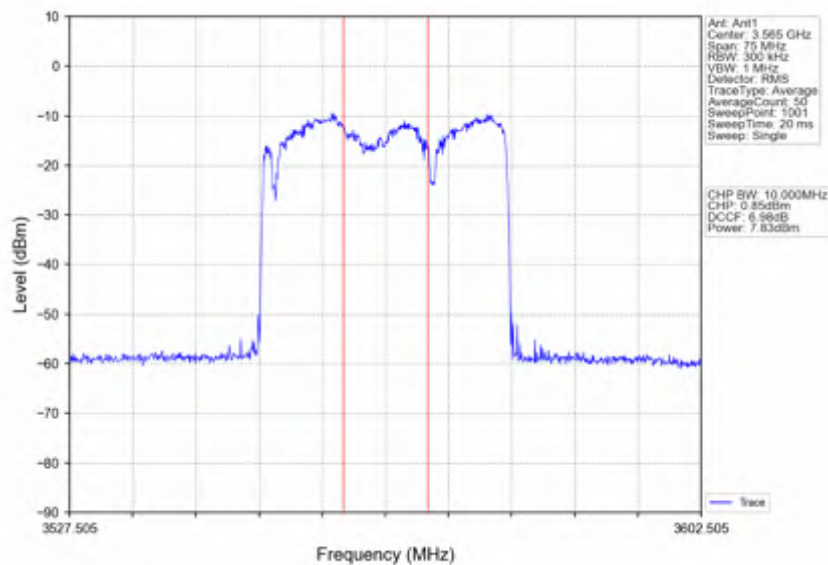


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed and available on request or accessible at <http://www.etsi.com/Products/ETSI%20Terms%20and%20Conditions> and, for selected forms, printed subject to Terms and Conditions for Electronic Documents at <http://www.etsi.com/terms-and-conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction terms defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a trial from their responsibility to the court. The Company's responsibility is limited to the occurrence of a technical error in the report, 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 fast report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. For more information on the use of this document, please contact the Company at info@etsi.com or <tel:+352437342000>.

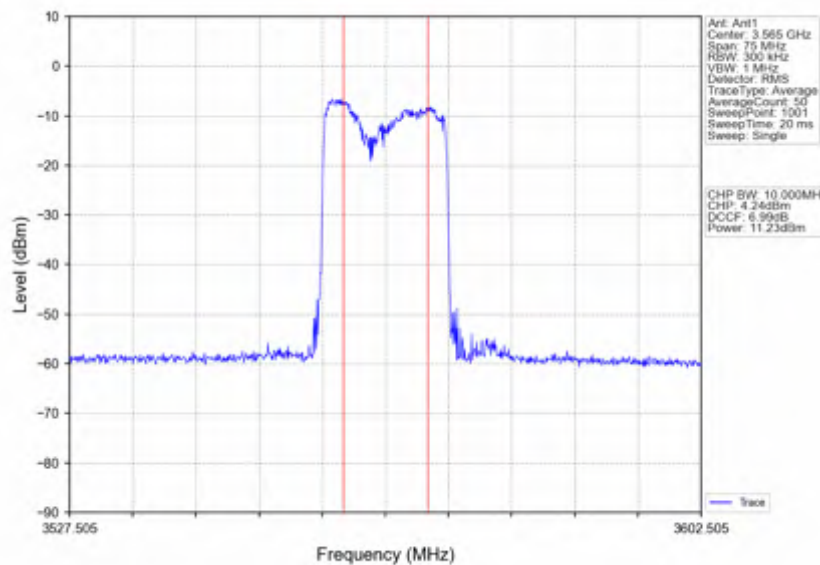
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

086-5125735688 086-5125737000 www.sgsigroup.com.cn
086-5125735688 086-5125737000 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3565.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3565.005MHz_Inner_Full



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-a-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 certification report & certificate, please connect us at sgs@sgs.com (86-512) 57370000 or email: CN-Online@sgs.com.

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

086-51257350888 086-51257370000 www.sgs.com.cn
086-51257350888 086-51257370000 sgs.china@sgs.com