

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 467 of 503

4.2 PSD-Band3

4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)			Verdict
			ANT1	ANT2	Limit	
802.11a	SISO	5745	3.87	4.36	<=30	Pass
		5785	4.67	5.03	<=30	Pass
		5825	3.77	4.66	<=30	Pass
802.11n (HT20)	SISO	5745	4.99	4.75	<=30	Pass
		5785	4.26	3.96	<=30	Pass
		5825	3.45	3.86	<=30	Pass
802.11n (HT40)	SISO	5755	1.82	1.97	<=30	Pass
		5795	1.65	1.92	<=30	Pass
802.11ac (VHT20)	SISO	5745	3.26	3.58	<=30	Pass
		5785	2.84	2.80	<=30	Pass
		5825	1.87	2.36	<=30	Pass
802.11ac (VHT40)	SISO	5755	0.35	0.31	<=30	Pass
		5795	-0.75	-0.72	<=30	Pass
802.11ac (VHT80)	SISO	5775	-1.94	-1.65	<=30	Pass



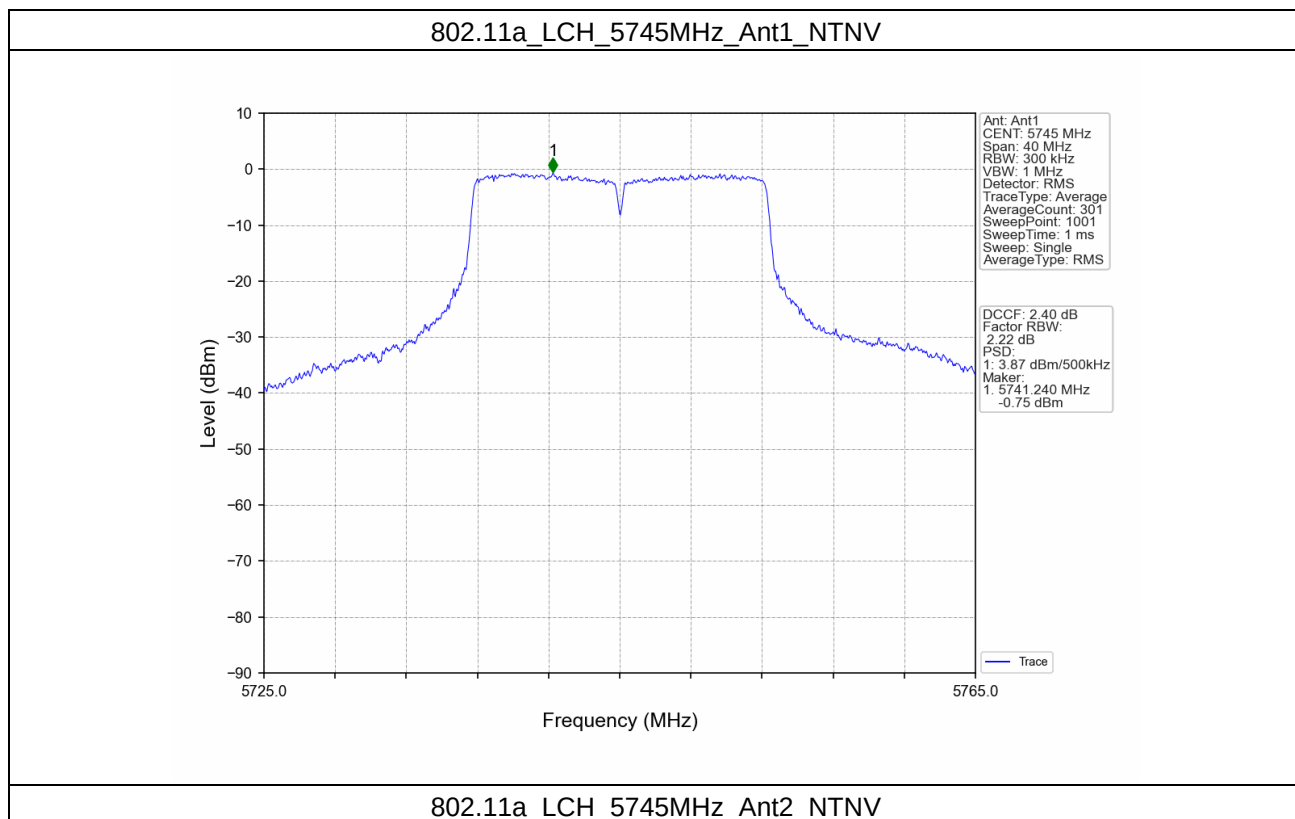
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

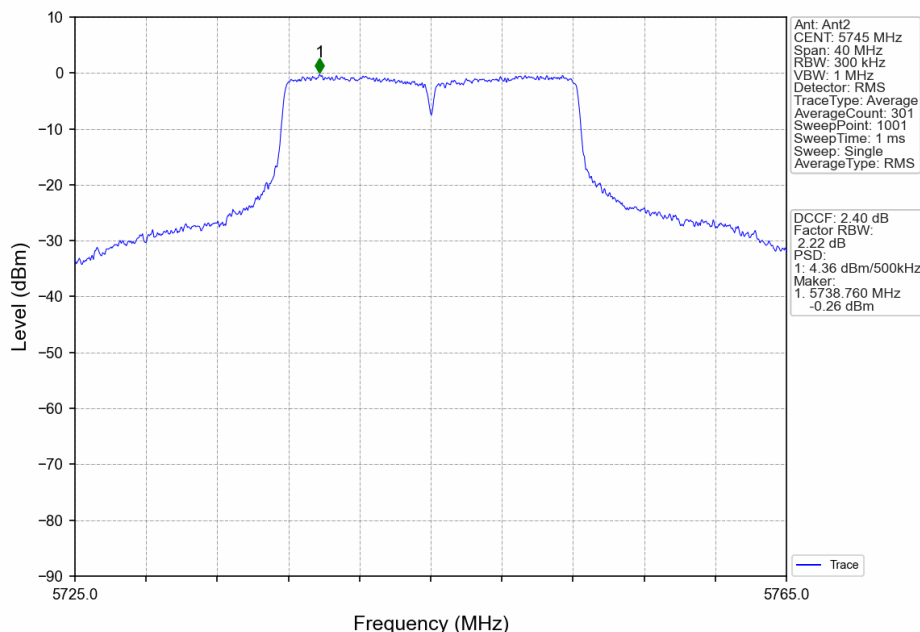
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.2.2 Test Graph





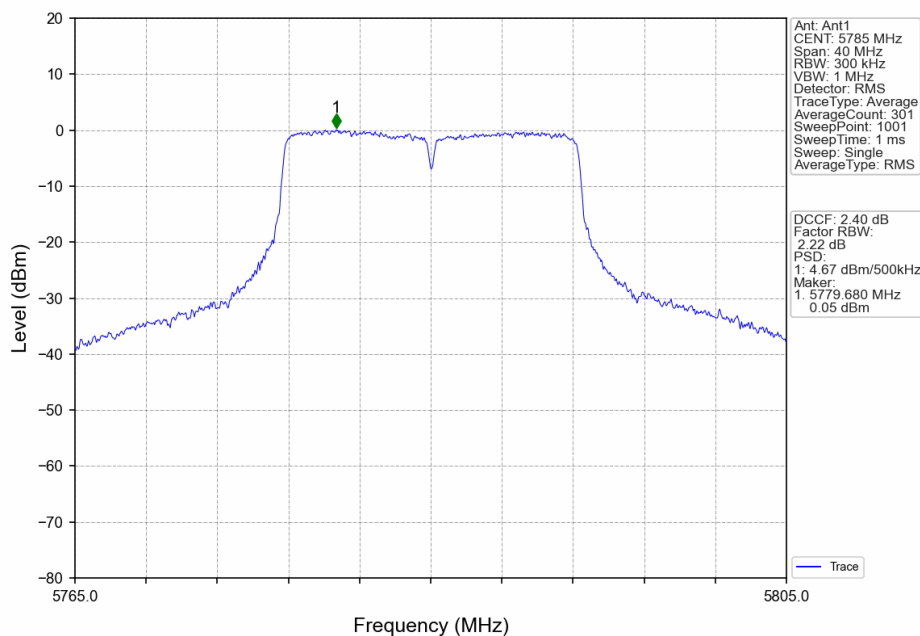
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

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

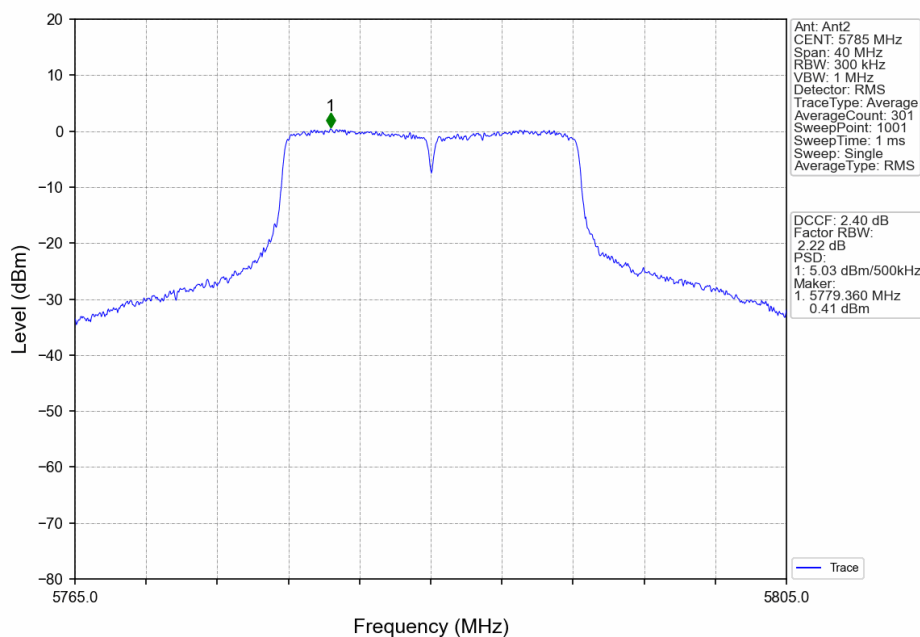
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_MCH_5785MHz_Ant2_NTNV



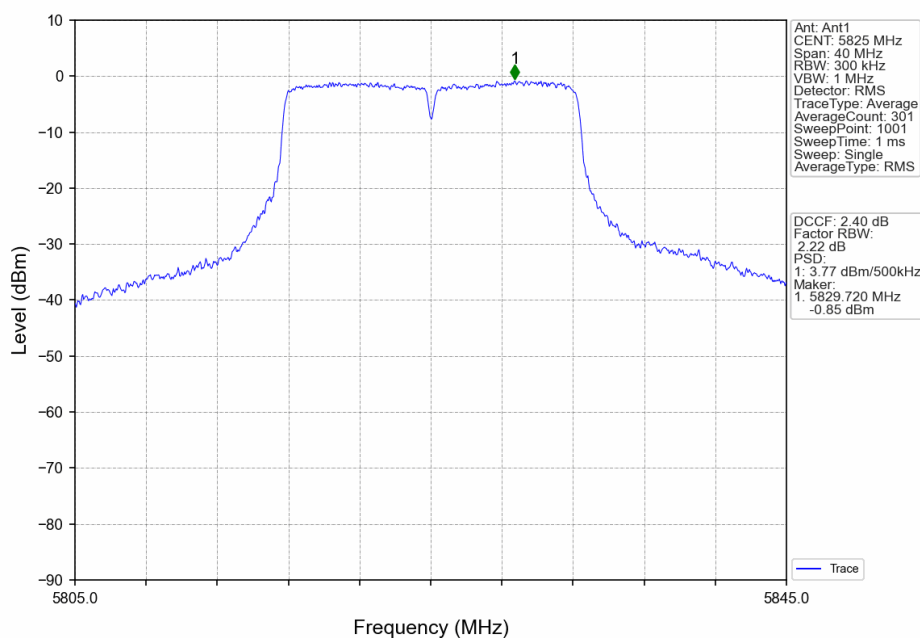
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

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

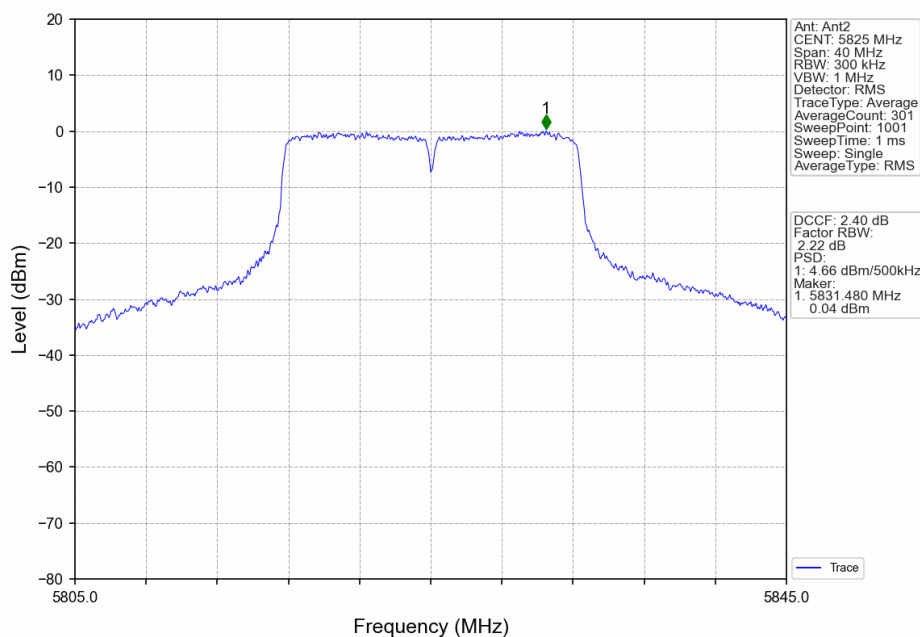
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

802.11a_HCH_5825MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant2_NTNV



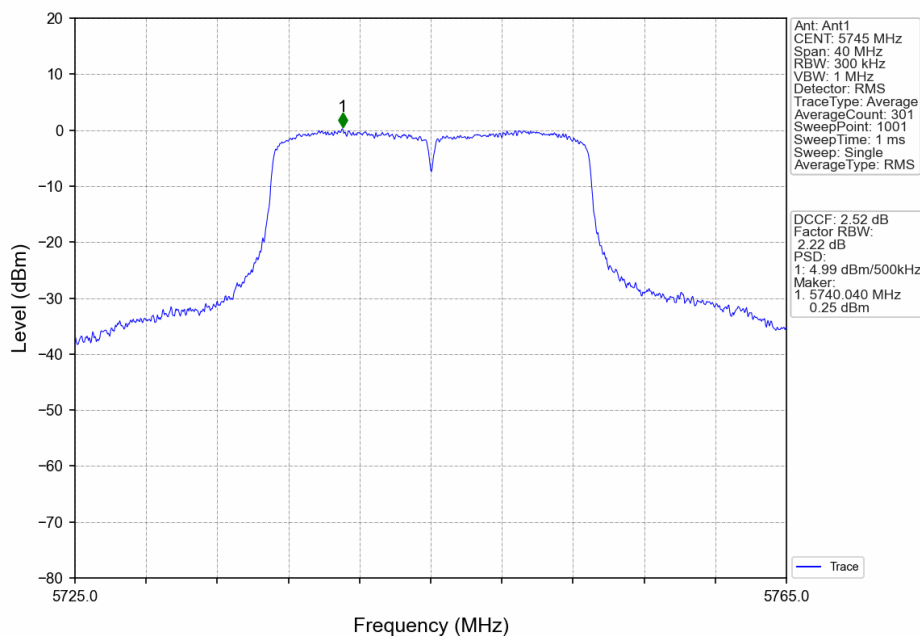
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

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

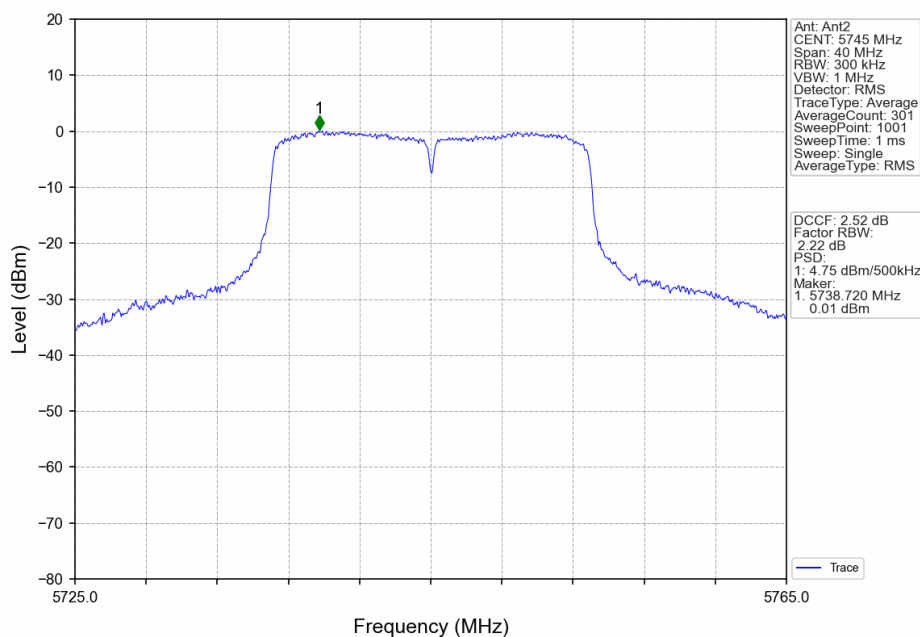
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant2_NTNV



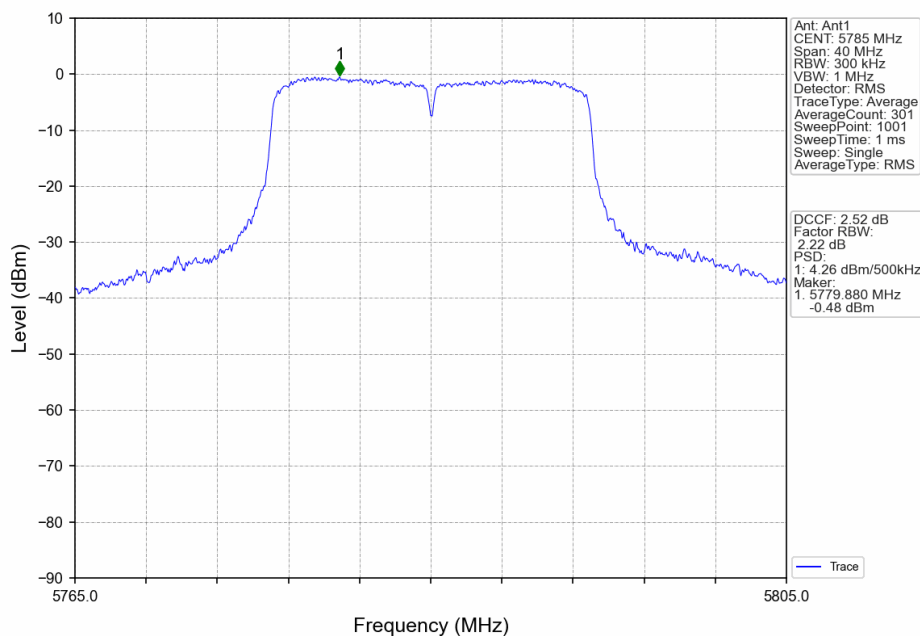
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

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

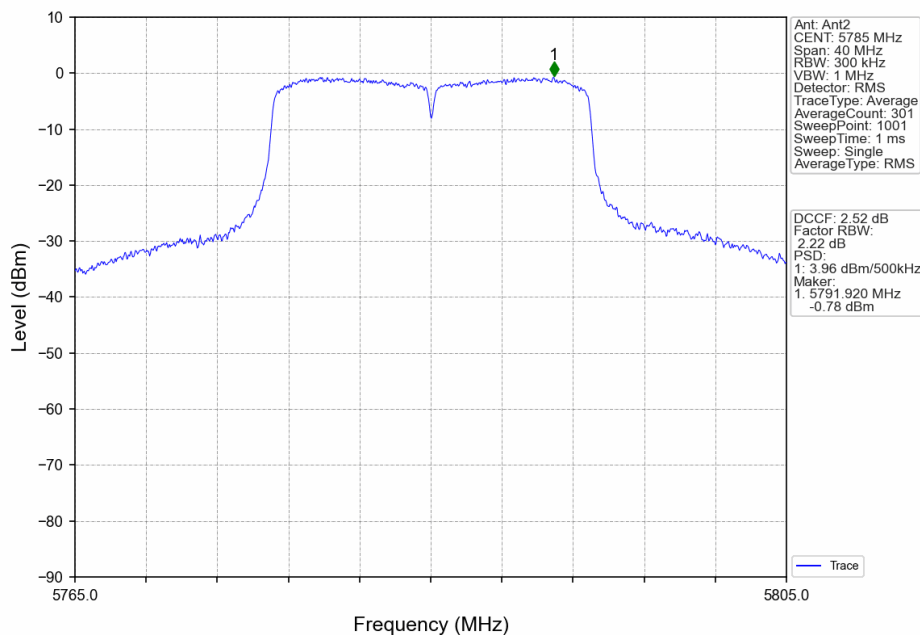
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



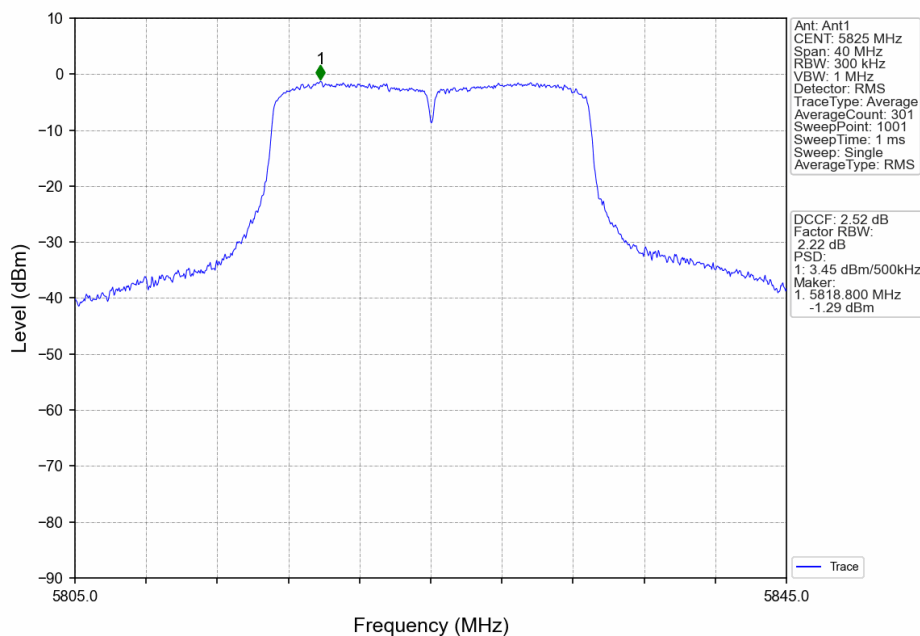
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

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

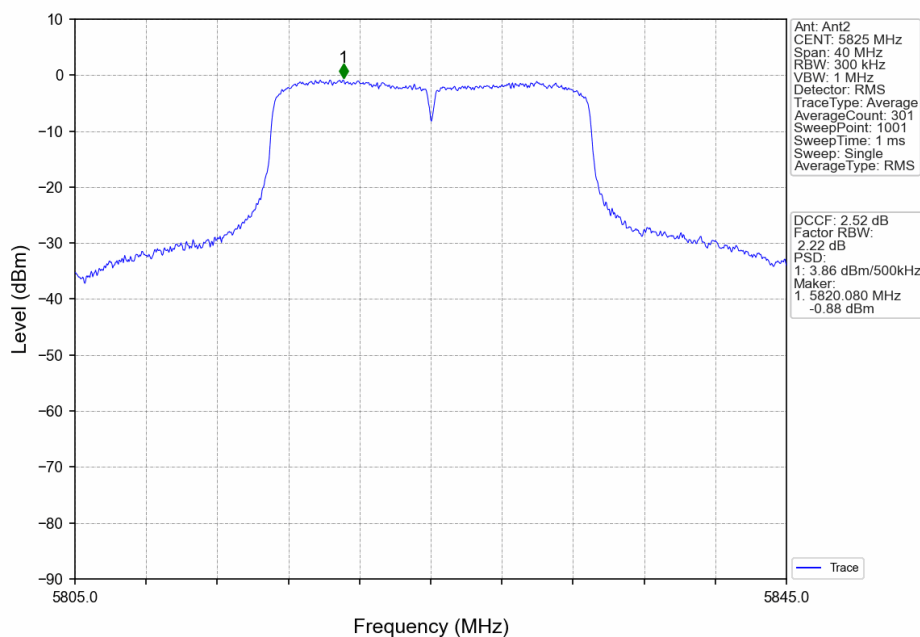
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



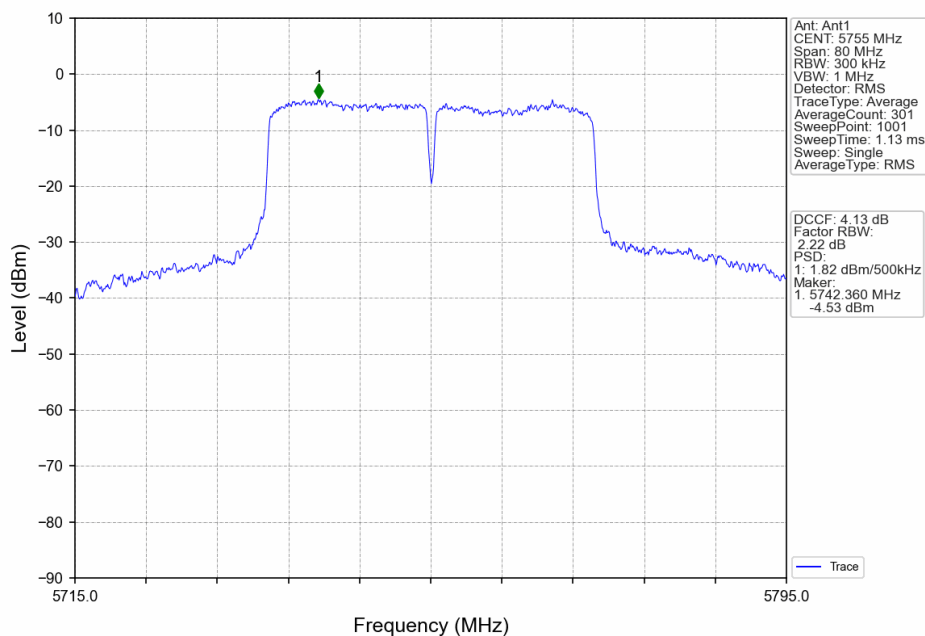
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

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

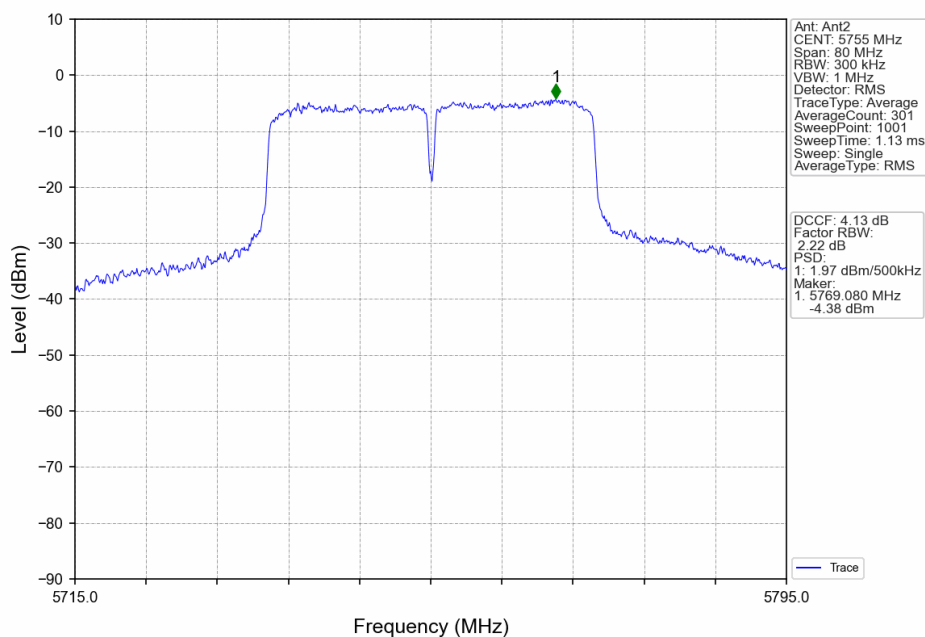
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



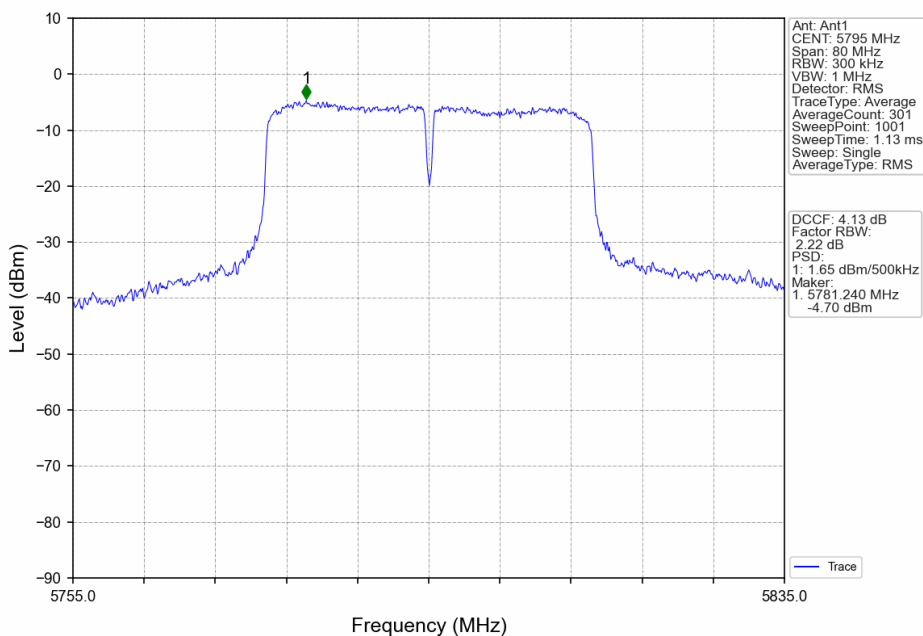
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

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

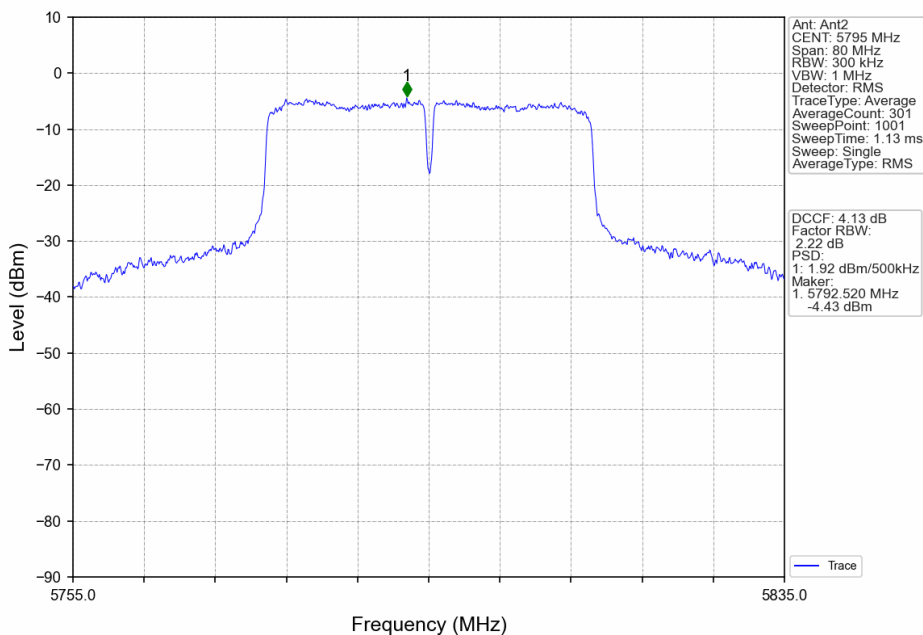
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant2_NTNV



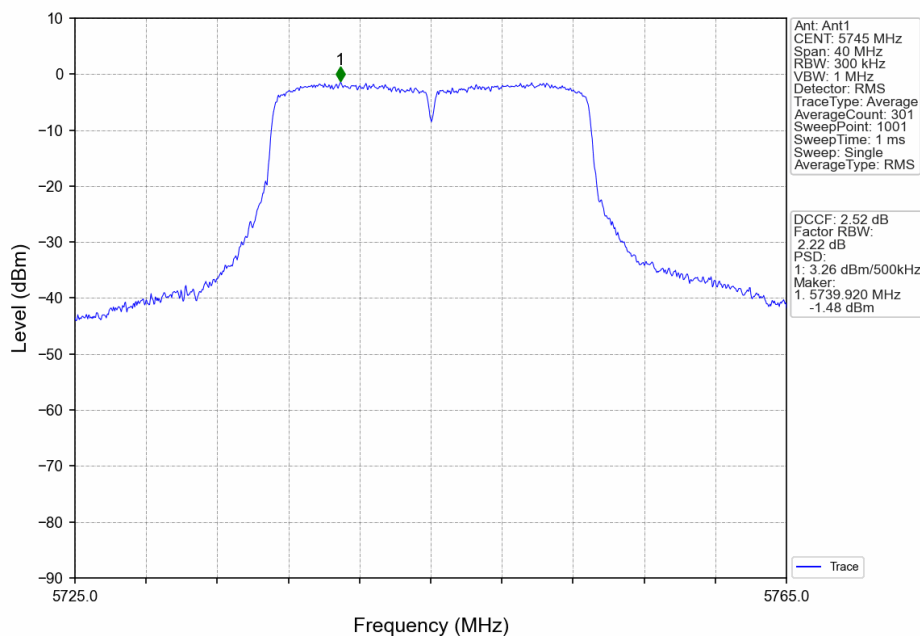
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

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

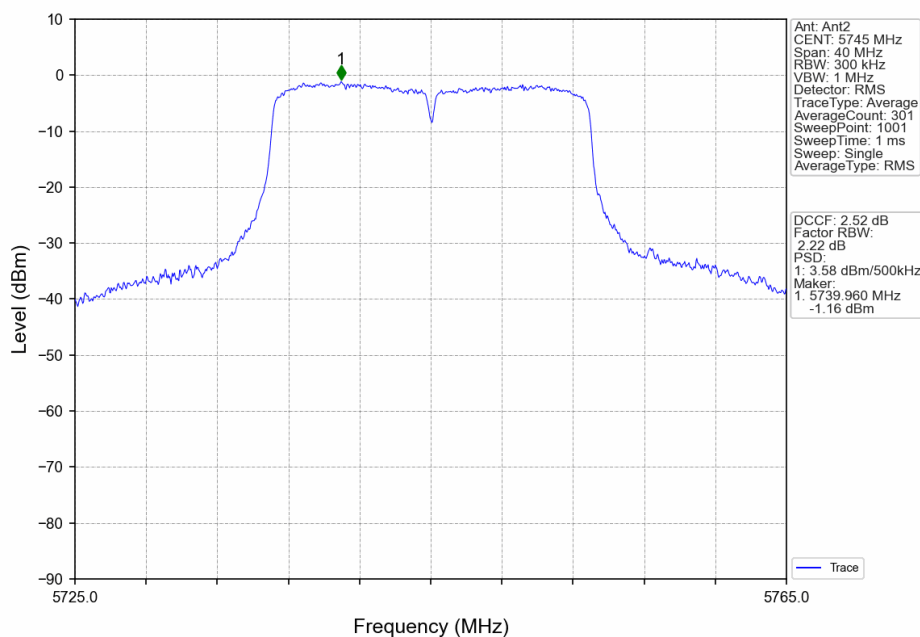
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant2_NTNV



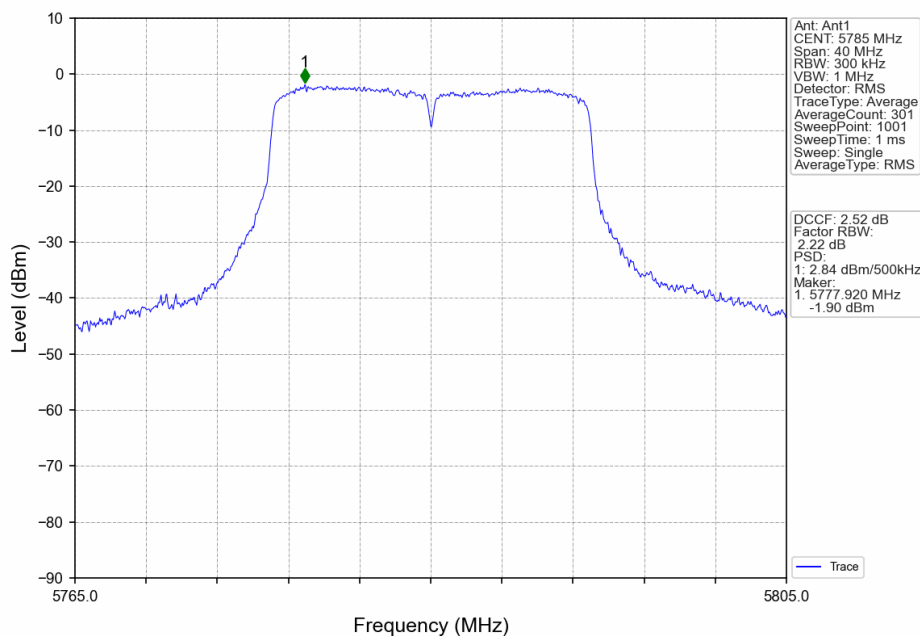
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

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

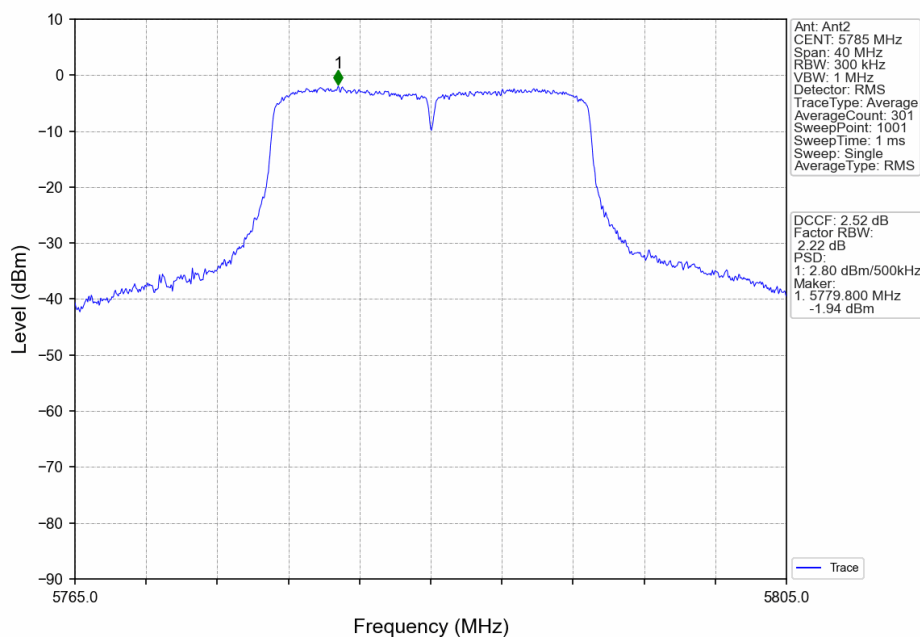
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (Shenzhen) EMC Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



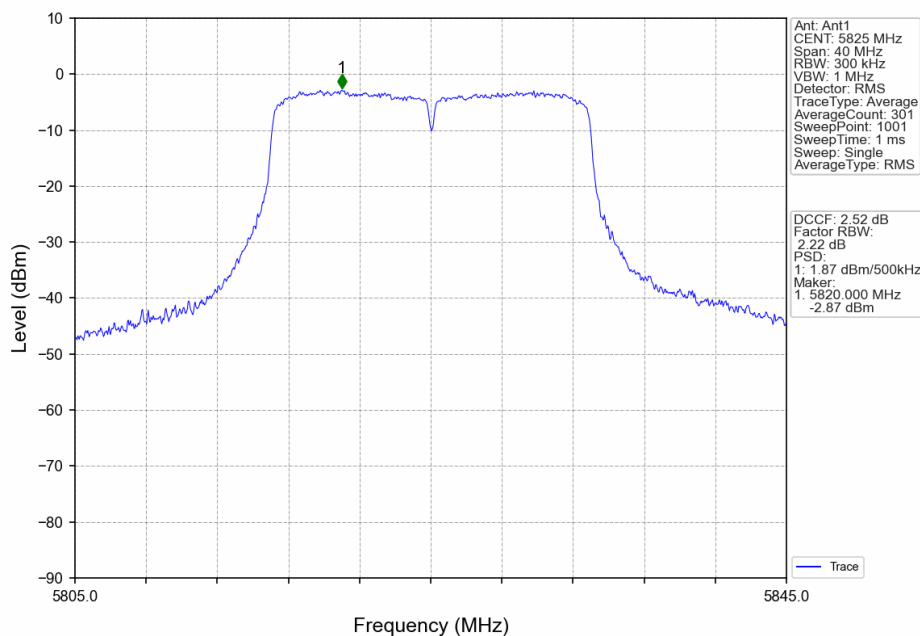
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

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

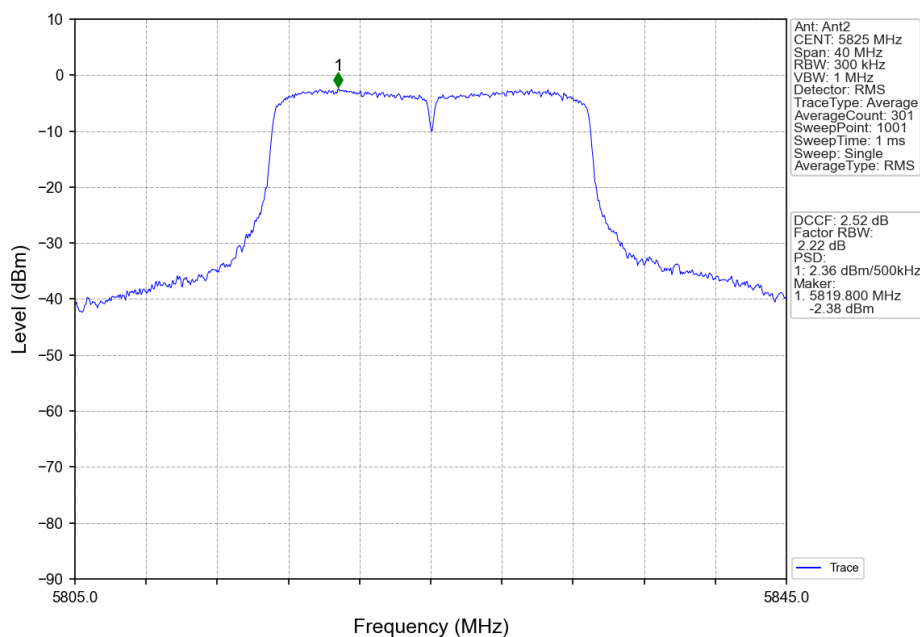
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV



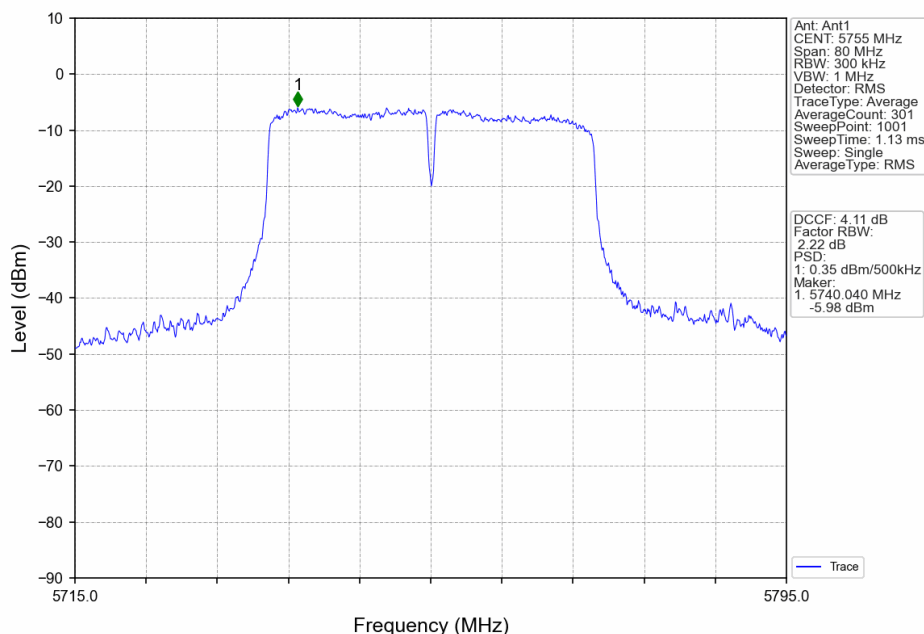
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

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

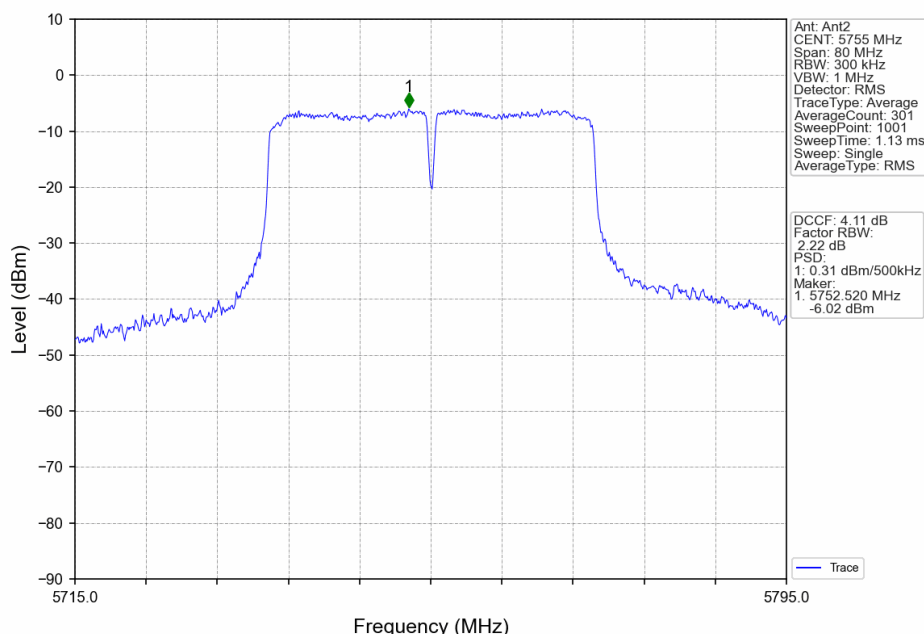
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (Shenzhen EMC Laboratory)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV



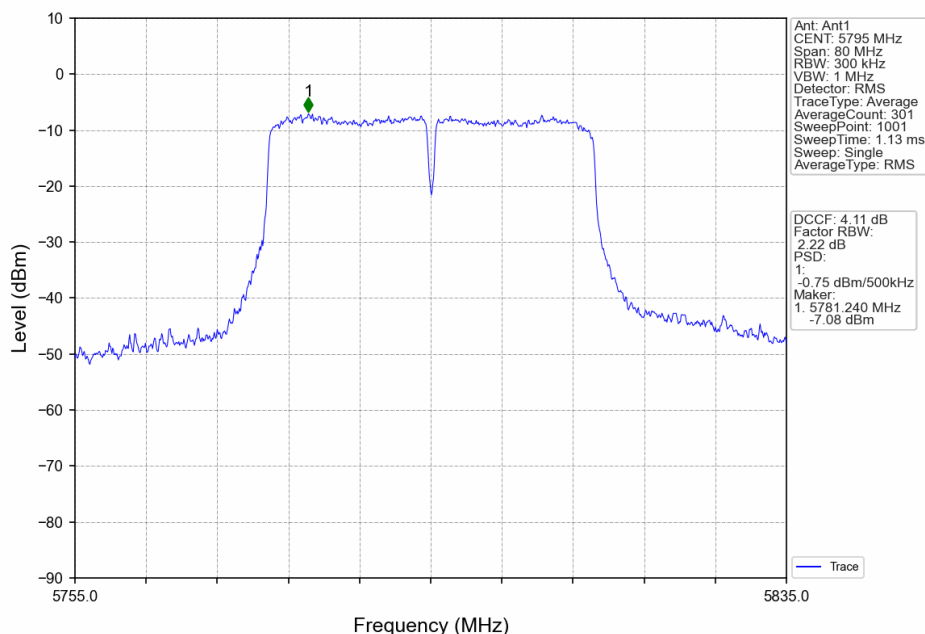
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

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

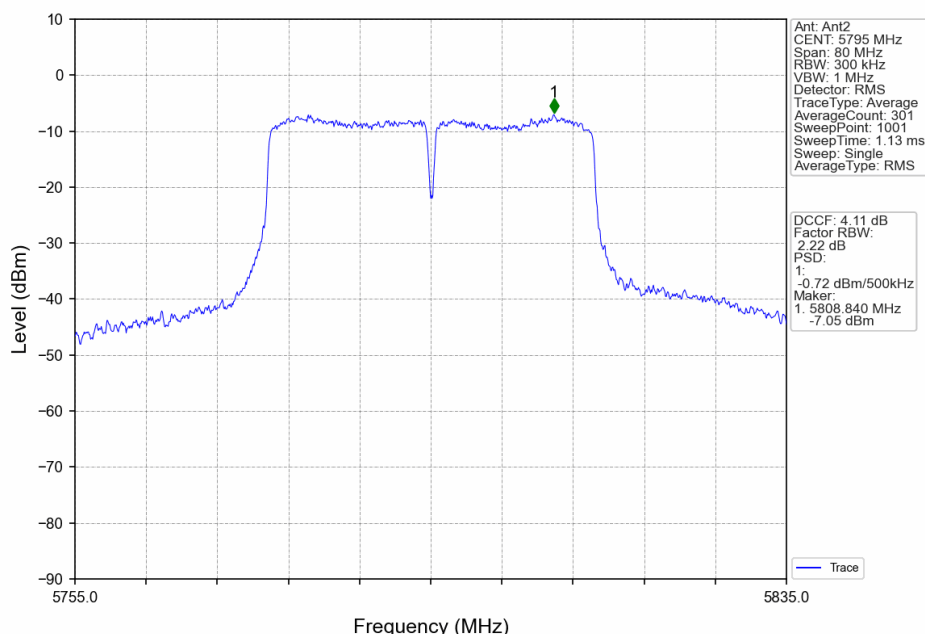
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



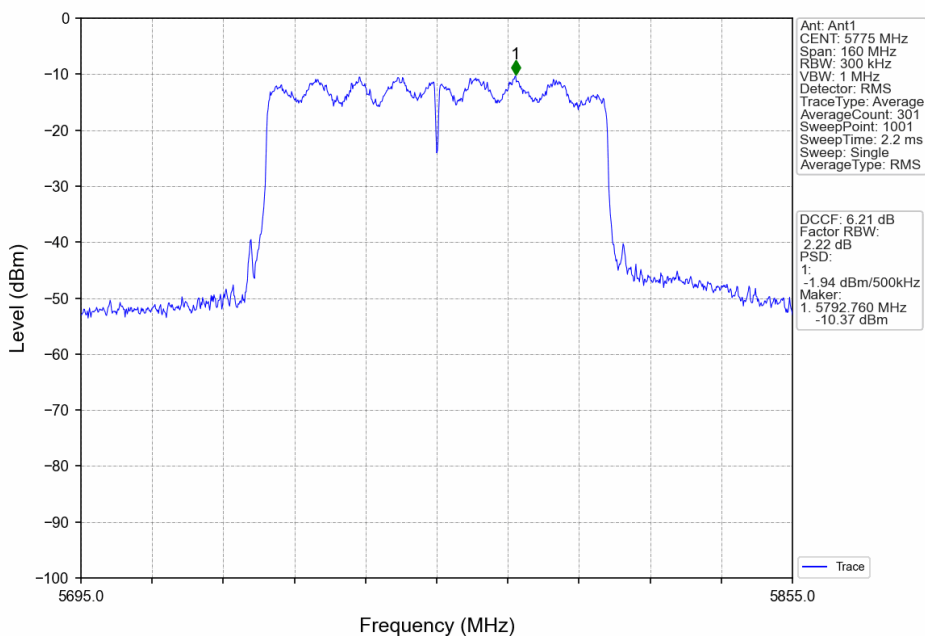
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

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

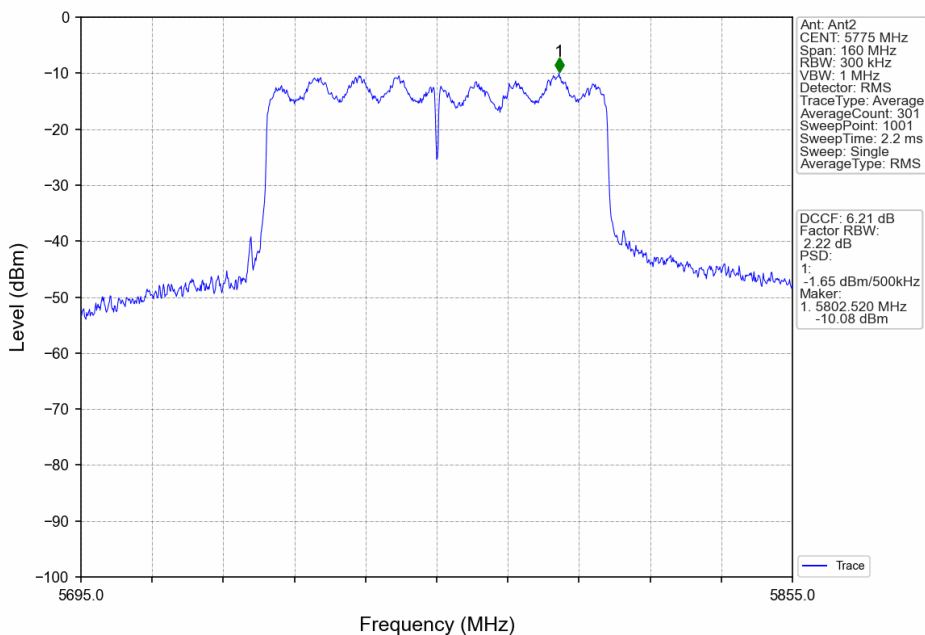
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



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

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

5. Frequency Stability

5.1 Ant1

5.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	102	5180.060	5150 to 5250	Pass
				120	5180.080	5150 to 5250	Pass
				138	5180.040	5150 to 5250	Pass
			-30	120	5180.120	5150 to 5250	Pass
			-20	120	5180.040	5150 to 5250	Pass
			-10	120	5180.060	5150 to 5250	Pass
			0	120	5180.000	5150 to 5250	Pass
			10	120	5180.000	5150 to 5250	Pass
			30	120	5180.080	5150 to 5250	Pass
			40	120	5180.100	5150 to 5250	Pass
			50	120	5179.960	5150 to 5250	Pass
		5200	20	102	5200.060	5150 to 5250	Pass
				120	5200.080	5150 to 5250	Pass
				138	5200.020	5150 to 5250	Pass
			-30	120	5200.060	5150 to 5250	Pass
			-20	120	5200.040	5150 to 5250	Pass
			-10	120	5200.100	5150 to 5250	Pass
			0	120	5200.040	5150 to 5250	Pass
			10	120	5200.080	5150 to 5250	Pass
			30	120	5200.020	5150 to 5250	Pass
			40	120	5200.040	5150 to 5250	Pass
			50	120	5200.040	5150 to 5250	Pass
		5240	20	102	5239.980	5150 to 5250	Pass
				120	5240.020	5150 to 5250	Pass
				138	5239.980	5150 to 5250	Pass
			-30	120	5240.020	5150 to 5250	Pass
			-20	120	5240.000	5150 to 5250	Pass
			-10	120	5240.040	5150 to 5250	Pass
			0	120	5240.020	5150 to 5250	Pass
			10	120	5240.020	5150 to 5250	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 <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 484 of 503

			30	120	5240.020	5150 to 5250	Pass
			40	120	5240.040	5150 to 5250	Pass
			50	120	5240.000	5150 to 5250	Pass
		5260	20	102	5260.080	5250 to 5350	Pass
				120	5259.960	5250 to 5350	Pass
				138	5260.060	5250 to 5350	Pass
			-30	120	5260.020	5250 to 5350	Pass
			-20	120	5260.040	5250 to 5350	Pass
			-10	120	5260.060	5250 to 5350	Pass
			0	120	5259.980	5250 to 5350	Pass
			10	120	5260.020	5250 to 5350	Pass
			30	120	5260.040	5250 to 5350	Pass
			40	120	5260.020	5250 to 5350	Pass
			50	120	5260.000	5250 to 5350	Pass
		5300	20	102	5300.020	5250 to 5350	Pass
				120	5300.040	5250 to 5350	Pass
				138	5300.060	5250 to 5350	Pass
			-30	120	5300.040	5250 to 5350	Pass
			-20	120	5300.060	5250 to 5350	Pass
			-10	120	5300.060	5250 to 5350	Pass
			0	120	5300.040	5250 to 5350	Pass
			10	120	5300.040	5250 to 5350	Pass
			30	120	5300.040	5250 to 5350	Pass
			40	120	5300.020	5250 to 5350	Pass
			50	120	5300.000	5250 to 5350	Pass
		5320	20	102	5320.040	5250 to 5350	Pass
				120	5320.040	5250 to 5350	Pass
				138	5320.000	5250 to 5350	Pass
			-30	120	5319.980	5250 to 5350	Pass
			-20	120	5320.040	5250 to 5350	Pass
			-10	120	5320.000	5250 to 5350	Pass
			0	120	5320.020	5250 to 5350	Pass
			10	120	5320.020	5250 to 5350	Pass
			30	120	5320.020	5250 to 5350	Pass
			40	120	5320.060	5250 to 5350	Pass
			50	120	5320.020	5250 to 5350	Pass
		5500	20	102	5499.980	5470 to 5725	Pass
				120	5500.060	5470 to 5725	Pass
				138	5500.040	5470 to 5725	Pass
			-30	120	5499.980	5470 to 5725	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 <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing and Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 485 of 503

			-20	120	5500.060	5470 to 5725	Pass
			-10	120	5500.040	5470 to 5725	Pass
			0	120	5500.100	5470 to 5725	Pass
			10	120	5500.040	5470 to 5725	Pass
			30	120	5500.040	5470 to 5725	Pass
			40	120	5500.060	5470 to 5725	Pass
			50	120	5500.040	5470 to 5725	Pass
		5580	20	102	5580.040	5470 to 5725	Pass
				120	5580.080	5470 to 5725	Pass
				138	5580.040	5470 to 5725	Pass
			-30	120	5580.120	5470 to 5725	Pass
			-20	120	5580.080	5470 to 5725	Pass
			-10	120	5580.100	5470 to 5725	Pass
			0	120	5580.080	5470 to 5725	Pass
			10	120	5580.060	5470 to 5725	Pass
			30	120	5580.060	5470 to 5725	Pass
			40	120	5580.020	5470 to 5725	Pass
			50	120	5580.080	5470 to 5725	Pass
		5700	20	102	5700.060	5470 to 5725	Pass
				120	5700.040	5470 to 5725	Pass
				138	5700.040	5470 to 5725	Pass
			-30	120	5700.040	5470 to 5725	Pass
			-20	120	5700.040	5470 to 5725	Pass
			-10	120	5700.060	5470 to 5725	Pass
			0	120	5700.020	5470 to 5725	Pass
			10	120	5700.060	5470 to 5725	Pass
			30	120	5700.060	5470 to 5725	Pass
			40	120	5700.040	5470 to 5725	Pass
			50	120	5700.020	5470 to 5725	Pass
		5745	20	102	5745.020	5725 to 5850	Pass
				120	5745.020	5725 to 5850	Pass
				138	5745.040	5725 to 5850	Pass
			-30	120	5745.040	5725 to 5850	Pass
			-20	120	5745.040	5725 to 5850	Pass
			-10	120	5745.060	5725 to 5850	Pass
			0	120	5745.040	5725 to 5850	Pass
			10	120	5745.060	5725 to 5850	Pass
			30	120	5745.040	5725 to 5850	Pass
			40	120	5745.020	5725 to 5850	Pass
			50	120	5745.020	5725 to 5850	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 <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 486 of 503

		5785	20	102	5785.020	5725 to 5850	Pass
				120	5785.040	5725 to 5850	Pass
				138	5785.020	5725 to 5850	Pass
			-30	120	5785.040	5725 to 5850	Pass
			-20	120	5785.040	5725 to 5850	Pass
			-10	120	5785.040	5725 to 5850	Pass
			0	120	5785.040	5725 to 5850	Pass
			10	120	5785.020	5725 to 5850	Pass
			30	120	5785.000	5725 to 5850	Pass
			40	120	5785.020	5725 to 5850	Pass
			50	120	5785.000	5725 to 5850	Pass
		5825	20	102	5825.040	5725 to 5850	Pass
				120	5825.060	5725 to 5850	Pass
				138	5825.040	5725 to 5850	Pass
			-30	120	5825.080	5725 to 5850	Pass
			-20	120	5825.060	5725 to 5850	Pass
			-10	120	5825.020	5725 to 5850	Pass
			0	120	5825.040	5725 to 5850	Pass
			10	120	5825.060	5725 to 5850	Pass
			30	120	5825.020	5725 to 5850	Pass
			40	120	5825.060	5725 to 5850	Pass
			50	120	5825.040	5725 to 5850	Pass
802.11n (HT20)	SISO	5180	20	102	5180.060	5150 to 5250	Pass
				120	5180.040	5150 to 5250	Pass
				138	5180.040	5150 to 5250	Pass
			-30	120	5180.020	5150 to 5250	Pass
			-20	120	5180.040	5150 to 5250	Pass
			-10	120	5180.080	5150 to 5250	Pass
			0	120	5180.040	5150 to 5250	Pass
			10	120	5180.000	5150 to 5250	Pass
			30	120	5180.020	5150 to 5250	Pass
			40	120	5180.020	5150 to 5250	Pass
			50	120	5180.040	5150 to 5250	Pass
		5200	20	102	5200.060	5150 to 5250	Pass
				120	5200.020	5150 to 5250	Pass
				138	5200.040	5150 to 5250	Pass
			-30	120	5200.040	5150 to 5250	Pass
			-20	120	5200.000	5150 to 5250	Pass
			-10	120	5200.020	5150 to 5250	Pass
			0	120	5200.060	5150 to 5250	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 <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing and Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 487 of 503

			10	120	5199.980	5150 to 5250	Pass
			30	120	5199.960	5150 to 5250	Pass
			40	120	5200.040	5150 to 5250	Pass
			50	120	5200.040	5150 to 5250	Pass
	5240	20	102	5240.020	5150 to 5250	Pass	
			120	5240.040	5150 to 5250	Pass	
			138	5240.020	5150 to 5250	Pass	
		-30	120	5240.020	5150 to 5250	Pass	
		-20	120	5240.000	5150 to 5250	Pass	
		-10	120	5240.020	5150 to 5250	Pass	
		0	120	5240.020	5150 to 5250	Pass	
		10	120	5240.040	5150 to 5250	Pass	
		30	120	5240.000	5150 to 5250	Pass	
		40	120	5240.000	5150 to 5250	Pass	
		50	120	5240.040	5150 to 5250	Pass	
			5260	20	102	5260.000	5250 to 5350
120	5260.000				5250 to 5350	Pass	
138	5259.960				5250 to 5350	Pass	
-30	120			5260.040	5250 to 5350	Pass	
-20	120			5259.980	5250 to 5350	Pass	
-10	120			5260.000	5250 to 5350	Pass	
0	120			5260.020	5250 to 5350	Pass	
10	120			5260.020	5250 to 5350	Pass	
30	120			5260.040	5250 to 5350	Pass	
40	120			5260.020	5250 to 5350	Pass	
50	120			5259.980	5250 to 5350	Pass	
	5300			20	102	5299.980	5250 to 5350
		120	5300.020		5250 to 5350	Pass	
		138	5300.000		5250 to 5350	Pass	
		-30	120	5299.960	5250 to 5350	Pass	
		-20	120	5300.040	5250 to 5350	Pass	
		-10	120	5300.020	5250 to 5350	Pass	
		0	120	5299.960	5250 to 5350	Pass	
		10	120	5300.020	5250 to 5350	Pass	
		30	120	5300.020	5250 to 5350	Pass	
		40	120	5300.000	5250 to 5350	Pass	
		50	120	5299.960	5250 to 5350	Pass	
			5320	20	102	5319.960	5250 to 5350
120	5320.020				5250 to 5350	Pass	
138	5320.020				5250 to 5350	Pass	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 488 of 503

			-30	120	5320.020	5250 to 5350	Pass
			-20	120	5320.060	5250 to 5350	Pass
			-10	120	5320.020	5250 to 5350	Pass
			0	120	5319.980	5250 to 5350	Pass
			10	120	5319.980	5250 to 5350	Pass
			30	120	5320.000	5250 to 5350	Pass
			40	120	5319.980	5250 to 5350	Pass
			50	120	5319.960	5250 to 5350	Pass
		5500	20	102	5500.040	5470 to 5725	Pass
				120	5500.020	5470 to 5725	Pass
				138	5500.040	5470 to 5725	Pass
			-30	120	5500.060	5470 to 5725	Pass
			-20	120	5500.060	5470 to 5725	Pass
			-10	120	5500.000	5470 to 5725	Pass
			0	120	5500.040	5470 to 5725	Pass
			10	120	5500.040	5470 to 5725	Pass
			30	120	5500.060	5470 to 5725	Pass
			40	120	5500.040	5470 to 5725	Pass
			50	120	5500.020	5470 to 5725	Pass
		5580	20	102	5580.100	5470 to 5725	Pass
				120	5580.080	5470 to 5725	Pass
				138	5580.060	5470 to 5725	Pass
			-30	120	5580.060	5470 to 5725	Pass
			-20	120	5580.040	5470 to 5725	Pass
			-10	120	5580.000	5470 to 5725	Pass
			0	120	5579.980	5470 to 5725	Pass
			10	120	5580.020	5470 to 5725	Pass
			30	120	5580.040	5470 to 5725	Pass
			40	120	5580.020	5470 to 5725	Pass
			50	120	5580.040	5470 to 5725	Pass
		5700	20	102	5700.000	5470 to 5725	Pass
				120	5700.020	5470 to 5725	Pass
				138	5700.040	5470 to 5725	Pass
			-30	120	5700.020	5470 to 5725	Pass
			-20	120	5700.000	5470 to 5725	Pass
			-10	120	5700.020	5470 to 5725	Pass
			0	120	5700.000	5470 to 5725	Pass
			10	120	5700.040	5470 to 5725	Pass
			30	120	5700.020	5470 to 5725	Pass
			40	120	5700.040	5470 to 5725	Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing and Calibration Laboratory

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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 489 of 503

		5745	50	120	5700.040	5470 to 5725	Pass
			20	102	5745.080	5725 to 5850	Pass
				120	5745.020	5725 to 5850	Pass
				138	5745.000	5725 to 5850	Pass
			-30	120	5745.040	5725 to 5850	Pass
			-20	120	5745.000	5725 to 5850	Pass
			-10	120	5745.080	5725 to 5850	Pass
			0	120	5745.040	5725 to 5850	Pass
			10	120	5745.020	5725 to 5850	Pass
			30	120	5745.060	5725 to 5850	Pass
			40	120	5745.040	5725 to 5850	Pass
			50	120	5745.020	5725 to 5850	Pass
		5785	20	102	5785.020	5725 to 5850	Pass
				120	5784.980	5725 to 5850	Pass
				138	5785.040	5725 to 5850	Pass
			-30	120	5784.980	5725 to 5850	Pass
			-20	120	5785.000	5725 to 5850	Pass
			-10	120	5785.040	5725 to 5850	Pass
			0	120	5785.000	5725 to 5850	Pass
			10	120	5785.020	5725 to 5850	Pass
			30	120	5784.980	5725 to 5850	Pass
			40	120	5785.020	5725 to 5850	Pass
			50	120	5785.020	5725 to 5850	Pass
		5825	20	102	5825.020	5725 to 5850	Pass
				120	5825.020	5725 to 5850	Pass
				138	5825.020	5725 to 5850	Pass
			-30	120	5825.020	5725 to 5850	Pass
			-20	120	5824.960	5725 to 5850	Pass
			-10	120	5825.060	5725 to 5850	Pass
			0	120	5825.000	5725 to 5850	Pass
			10	120	5825.020	5725 to 5850	Pass
			30	120	5825.040	5725 to 5850	Pass
			40	120	5825.020	5725 to 5850	Pass
			50	120	5825.040	5725 to 5850	Pass
802.11n (HT40)	SISO	5190	20	102	5190.080	5150 to 5250	Pass
				120	5190.040	5150 to 5250	Pass
				138	5190.120	5150 to 5250	Pass
			-30	120	5190.080	5150 to 5250	Pass
			-20	120	5190.120	5150 to 5250	Pass
			-10	120	5190.120	5150 to 5250	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 <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (Testing, Calibration, EMC Laboratory)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 490 of 503

			0	120	5190.080	5150 to 5250	Pass
			10	120	5190.160	5150 to 5250	Pass
			30	120	5190.040	5150 to 5250	Pass
			40	120	5190.040	5150 to 5250	Pass
			50	120	5190.080	5150 to 5250	Pass
		5230	20	102	5230.040	5150 to 5250	Pass
				120	5230.080	5150 to 5250	Pass
				138	5230.080	5150 to 5250	Pass
			-30	120	5230.120	5150 to 5250	Pass
			-20	120	5230.000	5150 to 5250	Pass
			-10	120	5230.040	5150 to 5250	Pass
			0	120	5230.040	5150 to 5250	Pass
			10	120	5230.120	5150 to 5250	Pass
			30	120	5230.040	5150 to 5250	Pass
			40	120	5230.120	5150 to 5250	Pass
			50	120	5230.000	5150 to 5250	Pass
		5270	20	102	5270.080	5250 to 5350	Pass
				120	5270.040	5250 to 5350	Pass
				138	5270.120	5250 to 5350	Pass
			-30	120	5270.040	5250 to 5350	Pass
			-20	120	5270.080	5250 to 5350	Pass
			-10	120	5270.040	5250 to 5350	Pass
			0	120	5270.000	5250 to 5350	Pass
			10	120	5270.040	5250 to 5350	Pass
			30	120	5270.000	5250 to 5350	Pass
			40	120	5270.080	5250 to 5350	Pass
			50	120	5270.040	5250 to 5350	Pass
		5310	20	102	5310.040	5250 to 5350	Pass
				120	5310.000	5250 to 5350	Pass
				138	5310.080	5250 to 5350	Pass
			-30	120	5310.040	5250 to 5350	Pass
			-20	120	5310.080	5250 to 5350	Pass
			-10	120	5310.080	5250 to 5350	Pass
			0	120	5310.040	5250 to 5350	Pass
			10	120	5310.000	5250 to 5350	Pass
			30	120	5310.080	5250 to 5350	Pass
			40	120	5310.000	5250 to 5350	Pass
			50	120	5310.040	5250 to 5350	Pass
		5510	20	102	5510.120	5470 to 5725	Pass
				120	5510.040	5470 to 5725	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 <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing, Training, TCC Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 491 of 503

				138	5510.080	5470 to 5725	Pass
			-30	120	5510.080	5470 to 5725	Pass
			-20	120	5510.080	5470 to 5725	Pass
			-10	120	5510.120	5470 to 5725	Pass
			0	120	5510.040	5470 to 5725	Pass
			10	120	5510.040	5470 to 5725	Pass
			30	120	5510.080	5470 to 5725	Pass
			40	120	5510.040	5470 to 5725	Pass
			50	120	5510.080	5470 to 5725	Pass
		5550	20	102	5550.080	5470 to 5725	Pass
				120	5550.080	5470 to 5725	Pass
				138	5550.120	5470 to 5725	Pass
			-30	120	5550.120	5470 to 5725	Pass
			-20	120	5550.160	5470 to 5725	Pass
			-10	120	5550.080	5470 to 5725	Pass
			0	120	5550.160	5470 to 5725	Pass
			10	120	5550.080	5470 to 5725	Pass
			30	120	5550.120	5470 to 5725	Pass
			40	120	5550.120	5470 to 5725	Pass
			50	120	5550.040	5470 to 5725	Pass
		5670	20	102	5669.960	5470 to 5725	Pass
				120	5670.080	5470 to 5725	Pass
				138	5670.080	5470 to 5725	Pass
			-30	120	5670.040	5470 to 5725	Pass
			-20	120	5670.040	5470 to 5725	Pass
			-10	120	5670.040	5470 to 5725	Pass
			0	120	5670.040	5470 to 5725	Pass
			10	120	5670.040	5470 to 5725	Pass
			30	120	5670.040	5470 to 5725	Pass
			40	120	5670.080	5470 to 5725	Pass
			50	120	5670.040	5470 to 5725	Pass
		5755	20	102	5755.120	5725 to 5850	Pass
				120	5755.000	5725 to 5850	Pass
				138	5755.080	5725 to 5850	Pass
			-30	120	5755.040	5725 to 5850	Pass
			-20	120	5754.960	5725 to 5850	Pass
			-10	120	5755.080	5725 to 5850	Pass
			0	120	5755.080	5725 to 5850	Pass
			10	120	5755.040	5725 to 5850	Pass
			30	120	5755.040	5725 to 5850	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 <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Inspection Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 492 of 503

		5795	40	120	5755.000	5725 to 5850	Pass
			50	120	5755.040	5725 to 5850	Pass
			20	102	5795.000	5725 to 5850	Pass
				120	5794.960	5725 to 5850	Pass
				138	5795.000	5725 to 5850	Pass
			-30	120	5795.040	5725 to 5850	Pass
			-20	120	5795.000	5725 to 5850	Pass
			-10	120	5795.000	5725 to 5850	Pass
			0	120	5795.040	5725 to 5850	Pass
			10	120	5795.080	5725 to 5850	Pass
			30	120	5795.040	5725 to 5850	Pass
			40	120	5795.040	5725 to 5850	Pass
			50	120	5795.120	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5180	20	102	5180.020	5150 to 5250	Pass
				120	5180.000	5150 to 5250	Pass
				138	5180.060	5150 to 5250	Pass
			-30	120	5180.000	5150 to 5250	Pass
			-20	120	5180.040	5150 to 5250	Pass
			-10	120	5180.040	5150 to 5250	Pass
			0	120	5180.060	5150 to 5250	Pass
			10	120	5180.080	5150 to 5250	Pass
			30	120	5180.060	5150 to 5250	Pass
			40	120	5180.080	5150 to 5250	Pass
			50	120	5180.040	5150 to 5250	Pass
		5200	20	102	5200.040	5150 to 5250	Pass
				120	5200.040	5150 to 5250	Pass
				138	5199.980	5150 to 5250	Pass
			-30	120	5200.040	5150 to 5250	Pass
			-20	120	5200.020	5150 to 5250	Pass
			-10	120	5200.000	5150 to 5250	Pass
			0	120	5200.020	5150 to 5250	Pass
			10	120	5200.040	5150 to 5250	Pass
			30	120	5200.040	5150 to 5250	Pass
			40	120	5200.060	5150 to 5250	Pass
			50	120	5200.000	5150 to 5250	Pass
		5240	20	102	5240.000	5150 to 5250	Pass
				120	5240.080	5150 to 5250	Pass
				138	5240.020	5150 to 5250	Pass
			-30	120	5240.020	5150 to 5250	Pass
			-20	120	5239.980	5150 to 5250	Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (SZEMC) Laboratory

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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 493 of 503

			-10	120	5239.980	5150 to 5250	Pass
			0	120	5239.980	5150 to 5250	Pass
			10	120	5240.060	5150 to 5250	Pass
			30	120	5240.000	5150 to 5250	Pass
			40	120	5240.040	5150 to 5250	Pass
			50	120	5240.040	5150 to 5250	Pass
		5260	20	102	5260.000	5250 to 5350	Pass
				120	5260.020	5250 to 5350	Pass
				138	5260.000	5250 to 5350	Pass
			-30	120	5260.000	5250 to 5350	Pass
			-20	120	5259.980	5250 to 5350	Pass
			-10	120	5260.040	5250 to 5350	Pass
			0	120	5260.020	5250 to 5350	Pass
			10	120	5260.020	5250 to 5350	Pass
			30	120	5260.020	5250 to 5350	Pass
			40	120	5260.020	5250 to 5350	Pass
			50	120	5260.020	5250 to 5350	Pass
		5300	20	102	5300.040	5250 to 5350	Pass
				120	5299.980	5250 to 5350	Pass
				138	5300.000	5250 to 5350	Pass
			-30	120	5300.020	5250 to 5350	Pass
			-20	120	5300.080	5250 to 5350	Pass
			-10	120	5299.980	5250 to 5350	Pass
			0	120	5300.020	5250 to 5350	Pass
			10	120	5299.980	5250 to 5350	Pass
			30	120	5300.040	5250 to 5350	Pass
			40	120	5300.000	5250 to 5350	Pass
			50	120	5300.000	5250 to 5350	Pass
		5320	20	102	5319.980	5250 to 5350	Pass
				120	5320.020	5250 to 5350	Pass
				138	5320.000	5250 to 5350	Pass
			-30	120	5319.980	5250 to 5350	Pass
			-20	120	5319.980	5250 to 5350	Pass
			-10	120	5319.980	5250 to 5350	Pass
			0	120	5319.980	5250 to 5350	Pass
			10	120	5320.040	5250 to 5350	Pass
			30	120	5320.000	5250 to 5350	Pass
			40	120	5319.960	5250 to 5350	Pass
			50	120	5319.960	5250 to 5350	Pass
		5500	20	102	5500.040	5470 to 5725	Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (SZEMC) Laboratory

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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 494 of 503

				120	5500.060	5470 to 5725	Pass
				138	5500.060	5470 to 5725	Pass
			-30	120	5500.040	5470 to 5725	Pass
			-20	120	5500.020	5470 to 5725	Pass
			-10	120	5500.020	5470 to 5725	Pass
			0	120	5500.060	5470 to 5725	Pass
			10	120	5500.020	5470 to 5725	Pass
			30	120	5500.060	5470 to 5725	Pass
			40	120	5500.020	5470 to 5725	Pass
			50	120	5500.000	5470 to 5725	Pass
		5580	20	102	5580.020	5470 to 5725	Pass
				120	5580.020	5470 to 5725	Pass
				138	5580.000	5470 to 5725	Pass
			-30	120	5579.980	5470 to 5725	Pass
			-20	120	5580.000	5470 to 5725	Pass
			-10	120	5580.020	5470 to 5725	Pass
			0	120	5580.040	5470 to 5725	Pass
			10	120	5580.000	5470 to 5725	Pass
			30	120	5579.980	5470 to 5725	Pass
			40	120	5580.020	5470 to 5725	Pass
			50	120	5580.060	5470 to 5725	Pass
		5700	20	102	5699.980	5470 to 5725	Pass
				120	5700.000	5470 to 5725	Pass
				138	5700.040	5470 to 5725	Pass
			-30	120	5700.000	5470 to 5725	Pass
			-20	120	5699.960	5470 to 5725	Pass
			-10	120	5699.980	5470 to 5725	Pass
			0	120	5700.020	5470 to 5725	Pass
			10	120	5700.020	5470 to 5725	Pass
			30	120	5700.020	5470 to 5725	Pass
			40	120	5699.980	5470 to 5725	Pass
			50	120	5700.000	5470 to 5725	Pass
		5745	20	102	5745.020	5725 to 5850	Pass
				120	5745.060	5725 to 5850	Pass
				138	5745.060	5725 to 5850	Pass
			-30	120	5745.060	5725 to 5850	Pass
			-20	120	5744.960	5725 to 5850	Pass
			-10	120	5744.980	5725 to 5850	Pass
			0	120	5744.980	5725 to 5850	Pass
			10	120	5745.040	5725 to 5850	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 <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing, Training, TCC Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 495 of 503

			30	120	5745.000	5725 to 5850	Pass
			40	120	5745.040	5725 to 5850	Pass
			50	120	5745.040	5725 to 5850	Pass
		5785	20	102	5785.000	5725 to 5850	Pass
				120	5785.020	5725 to 5850	Pass
				138	5785.060	5725 to 5850	Pass
			-30	120	5784.960	5725 to 5850	Pass
			-20	120	5785.000	5725 to 5850	Pass
			-10	120	5784.960	5725 to 5850	Pass
			0	120	5785.000	5725 to 5850	Pass
			10	120	5785.040	5725 to 5850	Pass
			30	120	5784.980	5725 to 5850	Pass
			40	120	5784.980	5725 to 5850	Pass
			50	120	5784.980	5725 to 5850	Pass
		5825	20	102	5825.040	5725 to 5850	Pass
				120	5825.040	5725 to 5850	Pass
				138	5825.080	5725 to 5850	Pass
			-30	120	5825.040	5725 to 5850	Pass
			-20	120	5825.020	5725 to 5850	Pass
			-10	120	5825.020	5725 to 5850	Pass
			0	120	5825.000	5725 to 5850	Pass
			10	120	5824.960	5725 to 5850	Pass
			30	120	5825.060	5725 to 5850	Pass
			40	120	5825.000	5725 to 5850	Pass
			50	120	5825.060	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5190	20	102	5190.080	5150 to 5250	Pass
				120	5190.120	5150 to 5250	Pass
				138	5190.040	5150 to 5250	Pass
			-30	120	5190.080	5150 to 5250	Pass
			-20	120	5190.120	5150 to 5250	Pass
			-10	120	5190.120	5150 to 5250	Pass
			0	120	5190.120	5150 to 5250	Pass
			10	120	5190.080	5150 to 5250	Pass
			30	120	5190.080	5150 to 5250	Pass
			40	120	5190.160	5150 to 5250	Pass
			50	120	5190.080	5150 to 5250	Pass
		5230	20	102	5230.040	5150 to 5250	Pass
				120	5230.080	5150 to 5250	Pass
				138	5230.040	5150 to 5250	Pass
			-30	120	5230.080	5150 to 5250	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 <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing and Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 496 of 503

			-20	120	5230.080	5150 to 5250	Pass
			-10	120	5230.040	5150 to 5250	Pass
			0	120	5230.080	5150 to 5250	Pass
			10	120	5230.120	5150 to 5250	Pass
			30	120	5230.000	5150 to 5250	Pass
			40	120	5230.000	5150 to 5250	Pass
			50	120	5230.120	5150 to 5250	Pass
		5270	20	102	5270.040	5250 to 5350	Pass
				120	5270.080	5250 to 5350	Pass
				138	5270.040	5250 to 5350	Pass
			-30	120	5270.040	5250 to 5350	Pass
			-20	120	5270.040	5250 to 5350	Pass
			-10	120	5270.040	5250 to 5350	Pass
			0	120	5270.000	5250 to 5350	Pass
			10	120	5270.040	5250 to 5350	Pass
			30	120	5270.080	5250 to 5350	Pass
			40	120	5270.080	5250 to 5350	Pass
			50	120	5270.080	5250 to 5350	Pass
		5310	20	102	5310.040	5250 to 5350	Pass
				120	5310.040	5250 to 5350	Pass
				138	5310.040	5250 to 5350	Pass
			-30	120	5310.040	5250 to 5350	Pass
			-20	120	5310.000	5250 to 5350	Pass
			-10	120	5310.000	5250 to 5350	Pass
			0	120	5310.040	5250 to 5350	Pass
			10	120	5310.040	5250 to 5350	Pass
			30	120	5310.000	5250 to 5350	Pass
			40	120	5310.000	5250 to 5350	Pass
			50	120	5310.040	5250 to 5350	Pass
		5510	20	102	5510.120	5470 to 5725	Pass
				120	5510.080	5470 to 5725	Pass
				138	5510.080	5470 to 5725	Pass
			-30	120	5510.080	5470 to 5725	Pass
			-20	120	5510.080	5470 to 5725	Pass
			-10	120	5510.120	5470 to 5725	Pass
			0	120	5510.080	5470 to 5725	Pass
			10	120	5510.080	5470 to 5725	Pass
			30	120	5510.040	5470 to 5725	Pass
			40	120	5510.160	5470 to 5725	Pass
			50	120	5510.080	5470 to 5725	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 <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (Shenzhen) Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 497 of 503

		5550	20	102	5550.080	5470 to 5725	Pass
				120	5550.120	5470 to 5725	Pass
				138	5550.120	5470 to 5725	Pass
			-30	120	5550.080	5470 to 5725	Pass
			-20	120	5550.080	5470 to 5725	Pass
			-10	120	5550.120	5470 to 5725	Pass
			0	120	5550.160	5470 to 5725	Pass
			10	120	5550.080	5470 to 5725	Pass
			30	120	5550.080	5470 to 5725	Pass
			40	120	5550.120	5470 to 5725	Pass
			50	120	5550.080	5470 to 5725	Pass
		5670	20	102	5670.040	5470 to 5725	Pass
				120	5670.120	5470 to 5725	Pass
				138	5670.040	5470 to 5725	Pass
			-30	120	5670.080	5470 to 5725	Pass
			-20	120	5670.000	5470 to 5725	Pass
			-10	120	5670.080	5470 to 5725	Pass
			0	120	5670.040	5470 to 5725	Pass
			10	120	5670.080	5470 to 5725	Pass
			30	120	5670.000	5470 to 5725	Pass
			40	120	5670.080	5470 to 5725	Pass
			50	120	5670.040	5470 to 5725	Pass
		5755	20	102	5755.040	5725 to 5850	Pass
				120	5755.040	5725 to 5850	Pass
				138	5755.080	5725 to 5850	Pass
			-30	120	5755.080	5725 to 5850	Pass
			-20	120	5755.000	5725 to 5850	Pass
			-10	120	5755.080	5725 to 5850	Pass
			0	120	5755.080	5725 to 5850	Pass
			10	120	5755.040	5725 to 5850	Pass
			30	120	5755.120	5725 to 5850	Pass
			40	120	5755.040	5725 to 5850	Pass
			50	120	5755.120	5725 to 5850	Pass
		5795	20	102	5795.080	5725 to 5850	Pass
				120	5795.080	5725 to 5850	Pass
				138	5795.040	5725 to 5850	Pass
			-30	120	5795.000	5725 to 5850	Pass
			-20	120	5795.080	5725 to 5850	Pass
			-10	120	5795.000	5725 to 5850	Pass
			0	120	5795.080	5725 to 5850	Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing, Training, TCC Laboratory

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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 498 of 503

			10	120	5795.040	5725 to 5850	Pass
			30	120	5795.000	5725 to 5850	Pass
			40	120	5795.080	5725 to 5850	Pass
			50	120	5795.080	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5210	20	102	5210.150	5150 to 5250	Pass
				120	5210.075	5150 to 5250	Pass
				138	5210.150	5150 to 5250	Pass
			-30	120	5210.075	5150 to 5250	Pass
			-20	120	5210.075	5150 to 5250	Pass
			-10	120	5210.075	5150 to 5250	Pass
			0	120	5210.075	5150 to 5250	Pass
			10	120	5210.075	5150 to 5250	Pass
			30	120	5210.075	5150 to 5250	Pass
			40	120	5210.075	5150 to 5250	Pass
			50	120	5210.075	5150 to 5250	Pass
		5290	20	102	5290.150	5250 to 5350	Pass
				120	5290.075	5250 to 5350	Pass
				138	5290.000	5250 to 5350	Pass
			-30	120	5290.075	5250 to 5350	Pass
			-20	120	5290.000	5250 to 5350	Pass
			-10	120	5290.000	5250 to 5350	Pass
			0	120	5290.000	5250 to 5350	Pass
			10	120	5289.925	5250 to 5350	Pass
			30	120	5289.925	5250 to 5350	Pass
			40	120	5290.075	5250 to 5350	Pass
			50	120	5289.925	5250 to 5350	Pass
		5530	20	102	5530.075	5470 to 5725	Pass
				120	5530.000	5470 to 5725	Pass
				138	5530.150	5470 to 5725	Pass
			-30	120	5530.075	5470 to 5725	Pass
			-20	120	5530.000	5470 to 5725	Pass
			-10	120	5530.075	5470 to 5725	Pass
			0	120	5530.075	5470 to 5725	Pass
			10	120	5530.075	5470 to 5725	Pass
			30	120	5530.075	5470 to 5725	Pass
			40	120	5530.075	5470 to 5725	Pass
			50	120	5530.075	5470 to 5725	Pass
		5610	20	102	5610.000	5470 to 5725	Pass
				120	5610.150	5470 to 5725	Pass
				138	5610.000	5470 to 5725	Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (VHT80) Laboratory

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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 499 of 503

			-30	120	5610.000	5470 to 5725	Pass
			-20	120	5610.075	5470 to 5725	Pass
			-10	120	5610.075	5470 to 5725	Pass
			0	120	5610.150	5470 to 5725	Pass
			10	120	5610.075	5470 to 5725	Pass
			30	120	5610.150	5470 to 5725	Pass
			40	120	5610.000	5470 to 5725	Pass
			50	120	5610.000	5470 to 5725	Pass
		5775	20	102	5774.925	5725 to 5850	Pass
				120	5775.000	5725 to 5850	Pass
				138	5775.000	5725 to 5850	Pass
			-30	120	5774.925	5725 to 5850	Pass
			-20	120	5774.925	5725 to 5850	Pass
			-10	120	5775.000	5725 to 5850	Pass
			0	120	5774.925	5725 to 5850	Pass
			10	120	5774.925	5725 to 5850	Pass
			30	120	5775.075	5725 to 5850	Pass
			40	120	5774.925	5725 to 5850	Pass
			50	120	5775.000	5725 to 5850	Pass

6.DFS

Test Result:

BW/Channel	Test Item	Result
80MHz/5290MHz	Channel Availability Check Time	N/A
	Minimum Off-Channel CAC Time	N/A
	Maximum Off-Channel CAC Time	N/A
	In-Service Monitoring	N/A
	Channel Move Time	Pass
	Channel Closing Transmission Time	Pass
	Non-Occupancy Period	Pass
	Uniform Spreading	N/A

The test plots was shown in the report below.

Remark: Channel loading of Timing plots is greater than 17%.

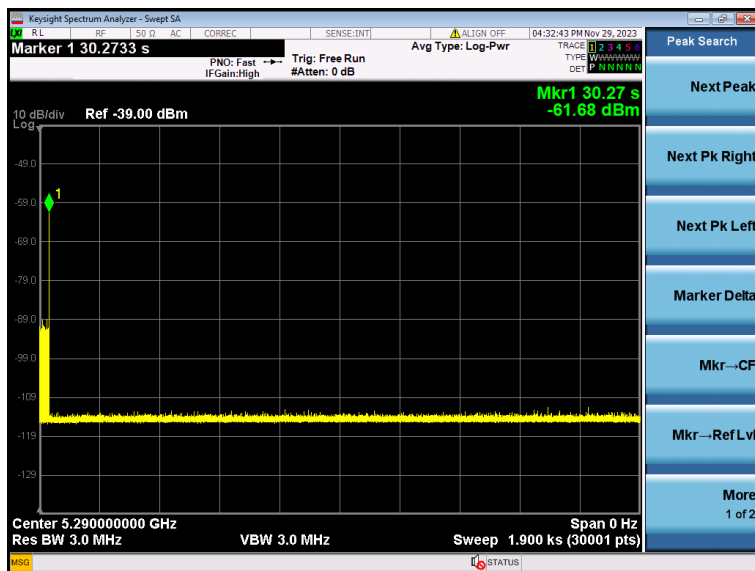
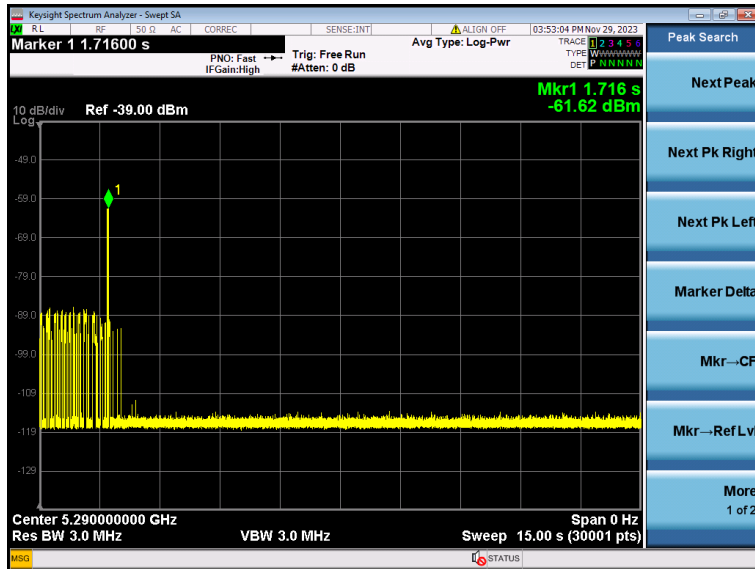
This is the master device used to test DFS FCC ID: Q87-WRT3200ACM



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

5290MHz

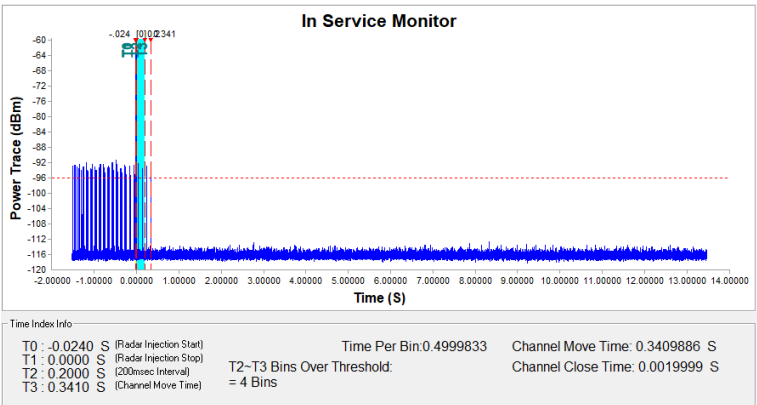


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

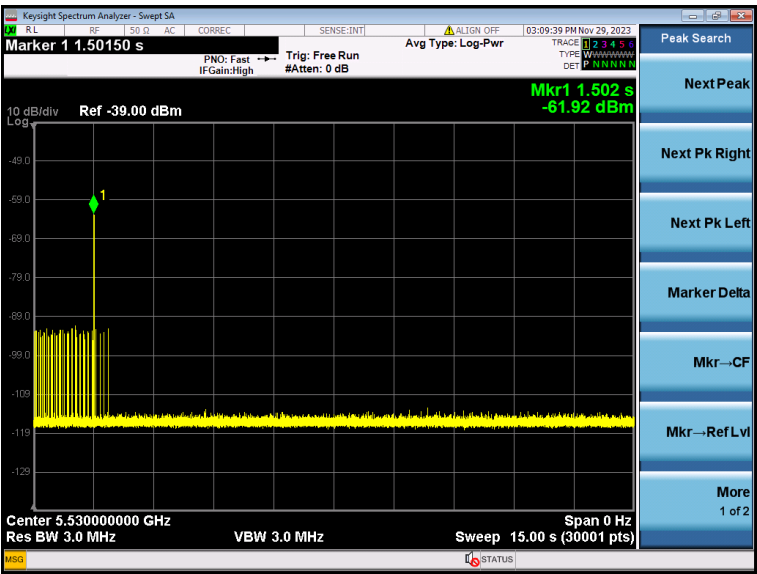
SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 501 of 503



5530MHz

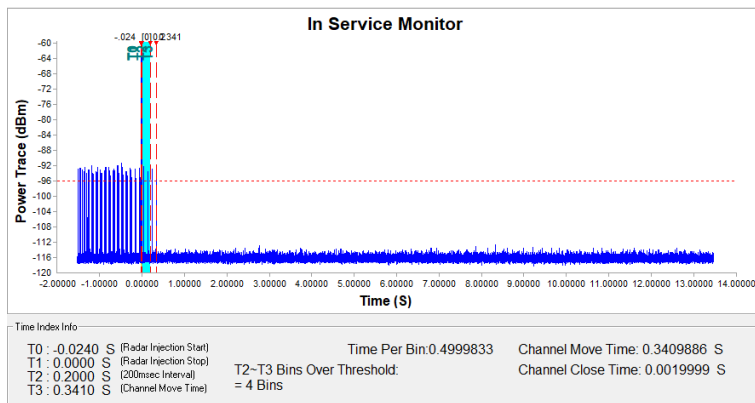
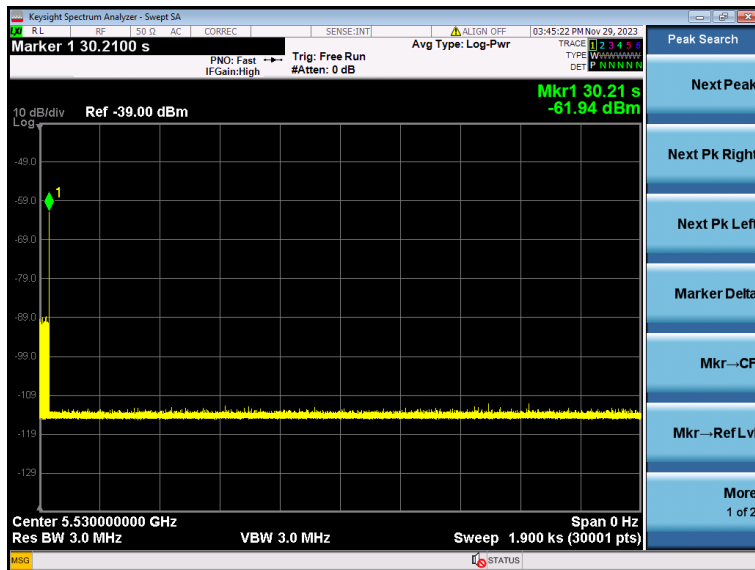


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

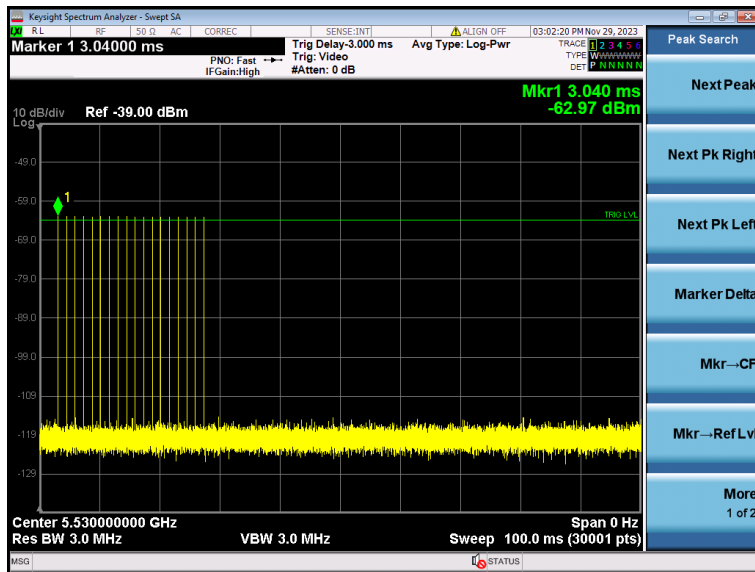
SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100372202

Page: 502 of 503



Radar



- End of the Report -

