1 of 73 Page:

Appendix B

WCDMA Band II & IV & V



Page: 2 of 73

CONTENT

1.	. EFI	FECTIVE (ISOTROPIC) RADIATED POWER	6
	1.1.	TEST RESULT	6
2.	. PE	AK-TO-AVERAGE RATIO(CCDF)	7
	2.1.	Test Result	7
	2.2.	TEST PLOTS	
3.	. MO	DULATION CHARACTERISTICS	
	3.1.	TEST BAND = WCDMA BAND II	. 12
	3.1.1.	TEST MODE = UMTS/TM1	. 12
	3.1.1.	1. Test Channel = MCH	. 12
	3.2.	TEST BAND = WCDMA BAND IV	. 13
	3.2.1.	Test Mode = UMTS/TM1	. 13
	3.2.1.	1. Test Channel = MCH	. 13
	3.3.	TEST BAND = WCDMA BAND V	. 14
	3.3.1.	Test Mode = UMTS/TM1	. 14
	3.3.1.	1. Test Channel = MCH	ATIO(CCDF) 7 CTERISTICS 12 IA BAND II 12 IS/TM1 12 IM BAND IV 13 IS/TM1 13 IS/TM1 13 IS/TM1 14 IM BAND V 14 IM BAND V 14 IM BAND V 14 IM BAND V 15 IM BAND V 15 IM BAND V 14 IM COCCUPIED BANDWIDTH 15 IM COCCUPIED BANDWIDTH 15 IS 15 INCE 20 AT ANTENNA TERMINAL 24 SPURIOUS RADIATION 34 SDMA 2_TM1 ANT3 35 SD
4.	. 26[DB BANDWIDTH AND OCCUPIED BANDWIDTH	15
	4.1.	TEST RESULT	. 15
	4.2.	TEST PLOTS	. 15
5.	. BA	ND EDGE COMPLIANCE	20
	5.1.	TEST PLOTS	20
_	_		
6.	. SP	URIOUS EMISSION AT ANTENNA TERMINAL	24
	6.1.	TEST PLOTS	24
7.	. FIE	LD STRENGTH OF SPURIOUS RADIATION	34
	7.1	. Test Band = _WCDMA 2_TM1 ANT3	. 34
	7.1	.1. Test Channel = Low Channel	. 34
	7.2	. Test Band = _WCDMA 2_TM1 ANT3	35
	7.2	.1. Test Channel = Low Channel	35
	7.3	Test Band = _WCDMA 2_TM1 ANT3	. 36
	画作系统	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	

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn

中国·深圳·科技园中区M-10栋一号厂房



Report No.: ZR/2021/4001601

Page: 3 of 73

36
37
37
38
38
39
39
10
10
11
11
12
12
13
13
14
14
15
15
16
16
17
17
18
18
19
19
50
50
51
51
52
52
53



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 issue 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, **Certificate**.



Report No.: ZR/2021/4001601

Page: 4 of 73

7.20.1. Test Channel = Low Channel	53
7.21. Test Band = _WCDMA 2_TM1 ANT4	54
7.21.1. Test Channel = Mid Channel	54
7.22. Test Band = _WCDMA 2_TM1 ANT4	55
7.22.1. Test Channel = Mid Channel	55
7.23. Test Band = _WCDMA 2_TM1 ANT4	56
7.23.1. Test Channel = High Channel	56
7.24. Test Band = _WCDMA 2_TM1 ANT4	57
7.24.1. Test Channel = High Channel	57
7.25. Test Band = _WCDMA 4_TM1 ANT4	58
7.25.1. Test Channel = Low Channel	58
7.26. Test Band = _WCDMA 4_TM1 ANT4	59
7.26.1. Test Channel = Low Channel	59
7.27. Test Band = _WCDMA 4_TM1 ANT4	60
7.27.1. Test Channel = Mid Channel	60
7.28. Test Band = _WCDMA 4_TM1 ANT4	61
7.28.1. Test Channel = Mid Channel	61
7.29. Test Band = _WCDMA 4_TM1 ANT4	62
7.29.1. Test Channel = High Channel	62
7.30. Test Band = _WCDMA 4_TM1 ANT4	63
7.30.1. Test Channel = High Channel	63
7.31. Test Band = _WCDMA 5_TM1 ANT1	64
7.31.1. Test Channel = Low Channel	64
7.32. Test Band = _WCDMA 5_TM1 ANT1	65
7.32.1. Test Channel = Low Channel	65
7.33. Test Band = _WCDMA 5_TM1 ANT1	66
7.33.1. Test Channel = Mid Channel	66
7.34. Test Band = _WCDMA 5_TM1 ANT1	67
7.34.1. Test Channel = Mid Channel	67
7.35. Test Band = _WCDMA 5_TM1 ANT1	68
7.35.1. Test Channel = High Channel	68
7.36. Test Band = _WCDMA 5_TM1 ANT1	69
7.36.1. Test Channel = High Channel	69
FREQUENCY STABILITY	70



8.

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 issue 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, **Certificate**.



Report No.: ZR/2021/4001601

Page: 5 of 73

8.1.	FREQUENCY VS VOLTAGE	70
8.2.	FREQUENCY VS TEMPERATURE	71



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 issue 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, **Certificate**.

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国・深圳・科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

sgs.china@sgs.com

Page: 6 of 73

1. Effective (Isotropic) Radiated Power

1.1. Test Result

ANT3:

Band	Channel	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
Band II	9262	21.25	20.35	33.00	PASS
Band II	9400	21.35	20.45	33.00	PASS
Band II	9538	21.27	20.37	33.00	PASS
Band IV	1312	20.93	19.93	30.00	PASS
Band IV	1413	20.81	19.81	30.00	PASS
Band IV	1513	20.87	19.87	30.00	PASS

ANT0:

Band	Channel	Conducted Power (dBm)	ERP (dBm)	Limit(dBm)	Verdict
Band V	4132	23.61	17.16	38.45	PASS
Band V	4182	23.55	17.1	38.45	PASS
Band V	4233	23.62	17.17	38.45	PASS

ANT4:

Band	Channel	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
Band II	9262	22.77	21.47	33.00	PASS
Band II	9400	22.86	21.56	33.00	PASS
Band II	9538	22.90	21.6	33.00	PASS
Band IV	1312	23.54	22.44	30.00	PASS
Band IV	1413	23.38	22.28	30.00	PASS
Band IV	1513	23.53	22.43	30.00	PASS

ANT1:

Band	Channel	Conducted Power (dBm)	ERP (dBm)	Limit(dBm)	Verdict
Band V	4132	23.87	18.82	38.45	PASS
Band V	4182	23.85	18.8	38.45	PASS
Band V	4233	23.93	18.88	38.45	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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 issue 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, **Certificate**.

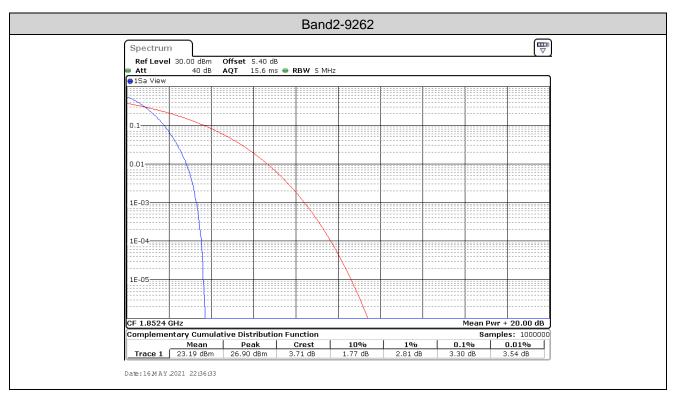
Page: 7 of 73

2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	3.3	13	PASS
Band2	9400	3.33	13	PASS
Band2	9538	3.19	13	PASS
Band4	1312	3.07	13	PASS
Band4	1413	3.16	13	PASS
Band4	1513	3.22	13	PASS
Band5	4132	3.16	13	PASS
Band5	4182	3.28	13	PASS
Band5	4233	3.28	13	PASS

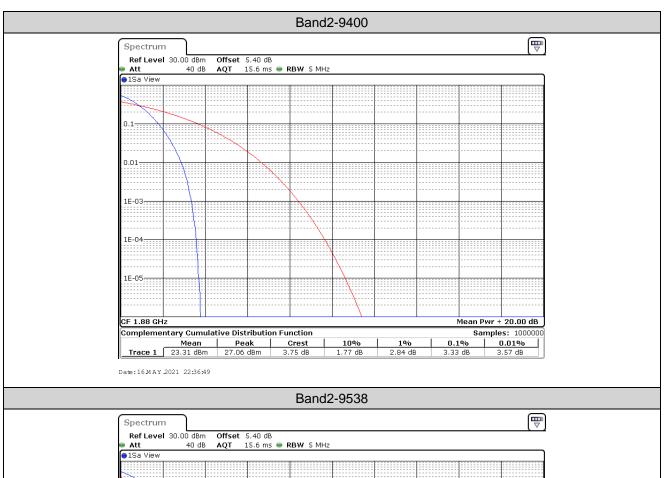
2.2. Test Plots





Report No.: ZR/2021/4001601

8 of 73 Page:







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 issue 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,

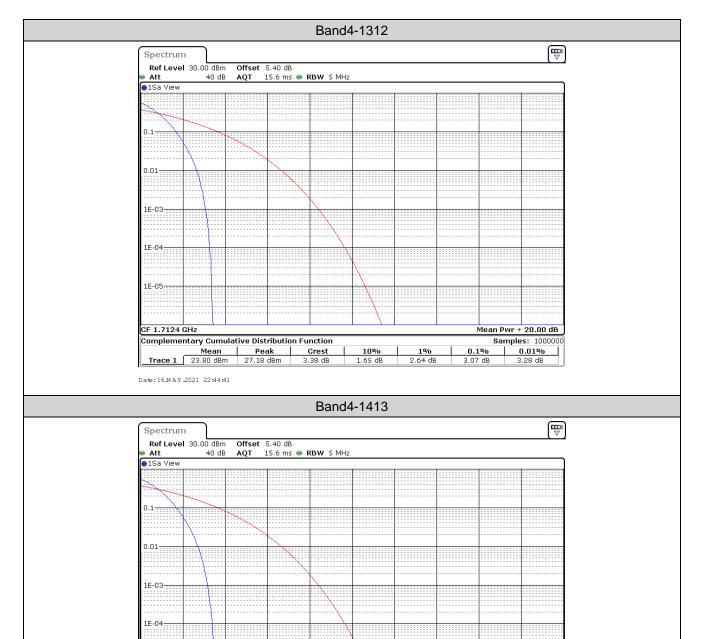
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

sgs.china@sgs.com

Report No.: ZR/2021/4001601

9 of 73 Page:



Trace 1 23.70 dBm Date: 16 MAY 2021 22:44:57

Complementary Cumulative Distribution Function

Mean

Peak

Crest

10%

CF 1.7326 GHz

1E-05



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 issue 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,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

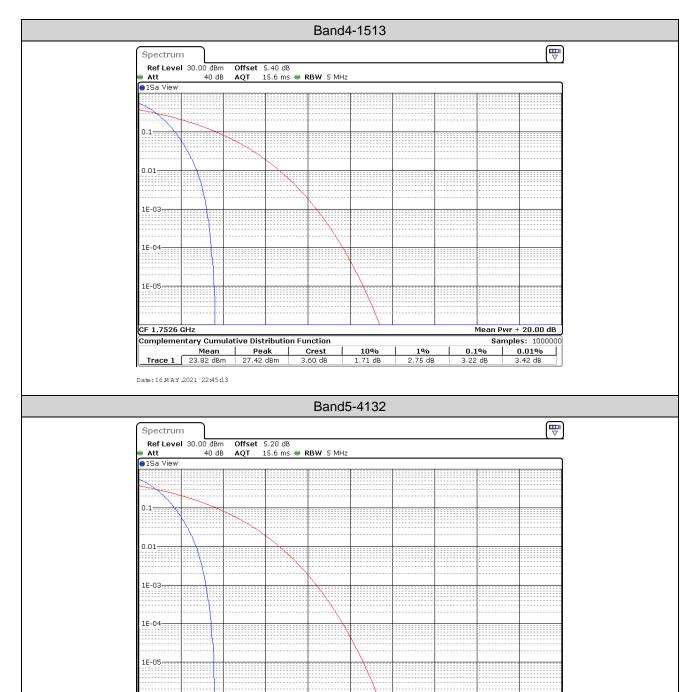
Mean Pwr + 20.00 dB Samples: 1000000

0.01%

sgs.china@sgs.com

Report No.: ZR/2021/4001601

Page: 10 of 73





CF 826.4 MHz

Trace 1 24.75 dBm Date: 16 MAY 2021 22:28:00

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 issue 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,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn

邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

Mean Pwr + 20.00 dB Samples: 1000000

0.01%

sgs.china@sgs.com

Complementary Cumulative Distribution Function

Mean

Peak

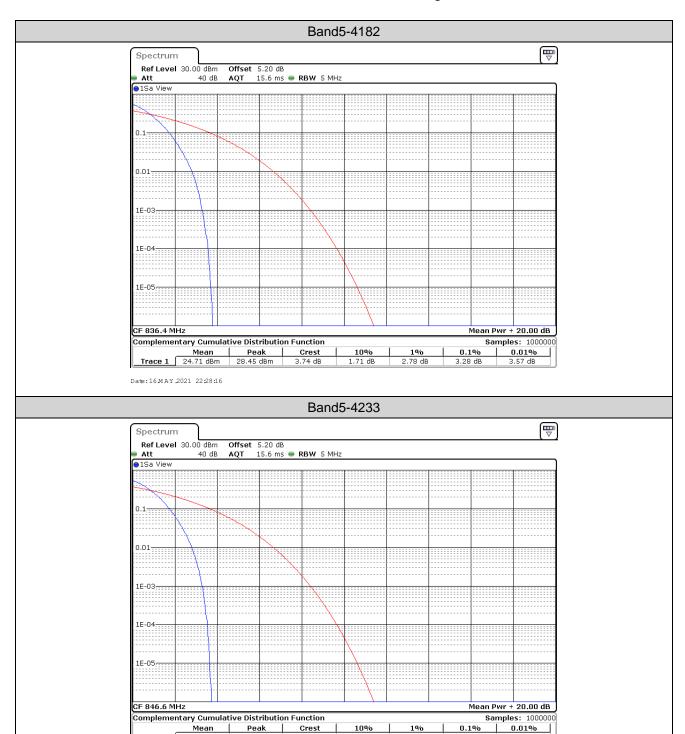
28.35 dBm

Crest

10%

Report No.: ZR/2021/4001601

11 of 73 Page:





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 issue 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,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn

邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

sgs.china@sgs.com

中国·深圳·科技园中区M-10栋一号厂房

28.45 dBm

Trace 1 24.72 dBm Date: 16 M AY 2021 22:28:32

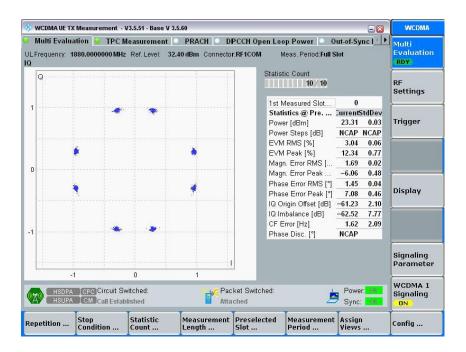
Page: 12 of 73

3. Modulation Characteristics

3.1. Test Band = WCDMA Band II

3.1.1.Test Mode = UMTS/TM1

3.1.1.1. Test Channel = MCH





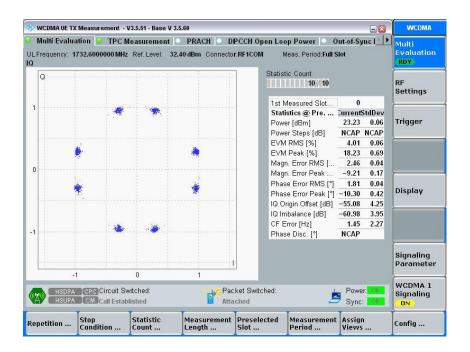
sgs.china@sgs.com

Page: 13 of 73

3.2. Test Band = WCDMA Band IV

3.2.1.Test Mode = UMTS/TM1

3.2.1.1. Test Channel = MCH



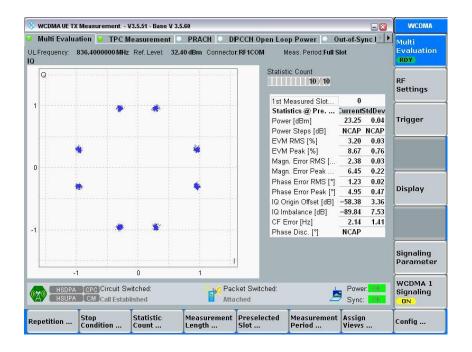


Page: 14 of 73

3.3. Test Band = WCDMA Band V

3.3.1.Test Mode = UMTS/TM1

3.3.1.1. Test Channel = MCH





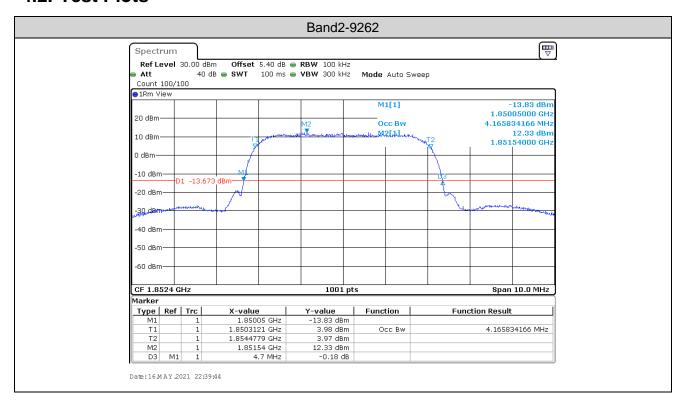
Page: 15 of 73

4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Channel Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	4.166	4.700		PASS
Band2	9400	4.156	4.710		PASS
Band2	9538	4.156	4.710		PASS
Band4	1312	4.166	4.720		PASS
Band4	1413	4.166	4.710		PASS
Band4	1513	4.166	4.720		PASS
Band5	4132	4.156	4.730		PASS
Band5	4182	4.166	4.720		PASS
Band5	4233	4.176	4.720		PASS

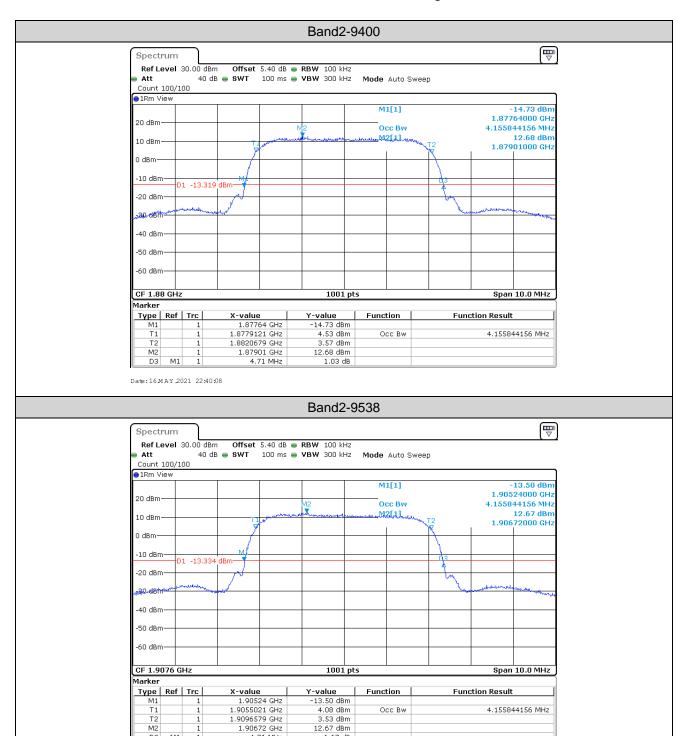
4.2. Test Plots





Report No.: ZR/2021/4001601

Page: 16 of 73





M1 DЗ

Date: 16 M AY 2021 22:40:33

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 issue 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,

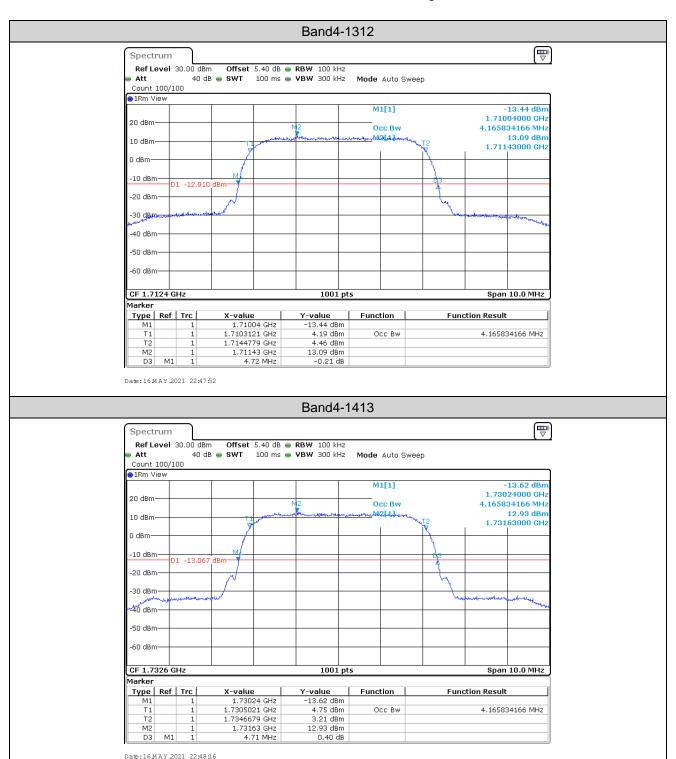
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

3.53 dBm 12.67 dBm

邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

Report No.: ZR/2021/4001601

Page: 17 of 73



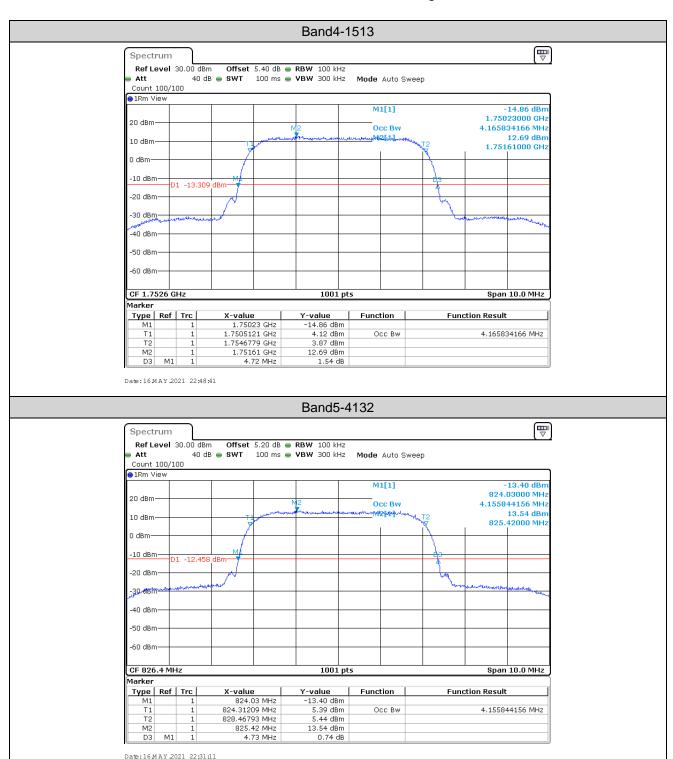


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Report No.: ZR/2021/4001601

Page: 18 of 73



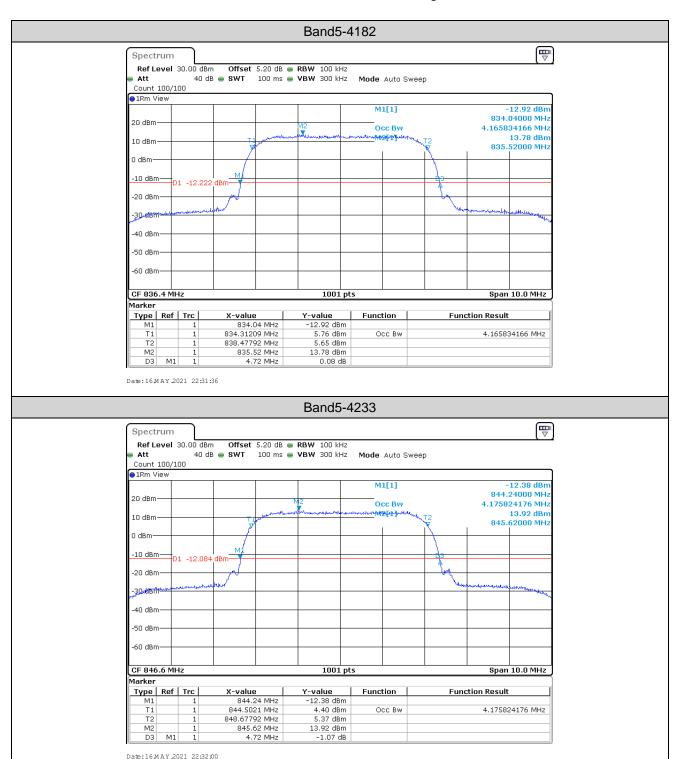


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Report No.: ZR/2021/4001601

Page: 19 of 73





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 issue 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,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057

t (86-755) 26012053 f (86-755) 26710594

20 of 73 Page:

5. Band Edge Compliance

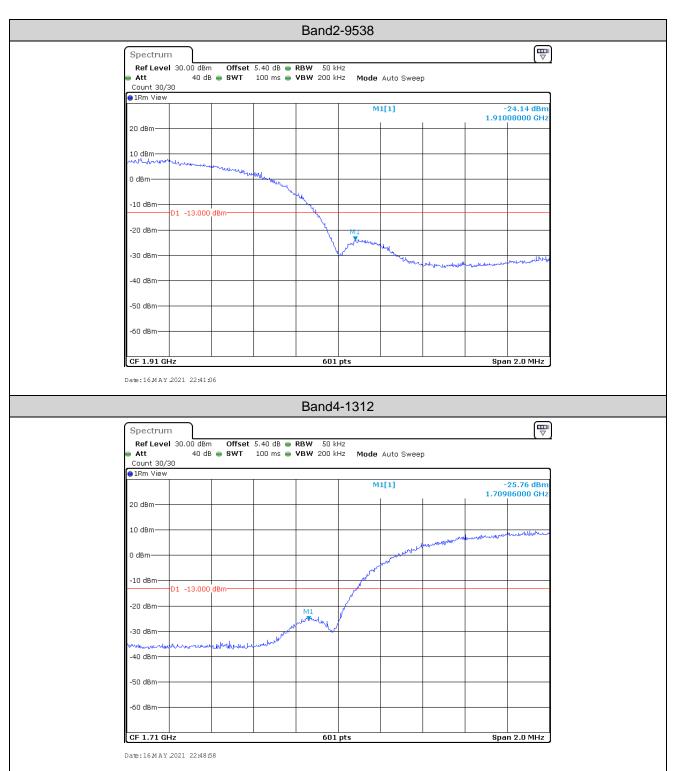
5.1. Test Plots





Report No.: ZR/2021/4001601

21 of 73 Page:





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 issue 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,

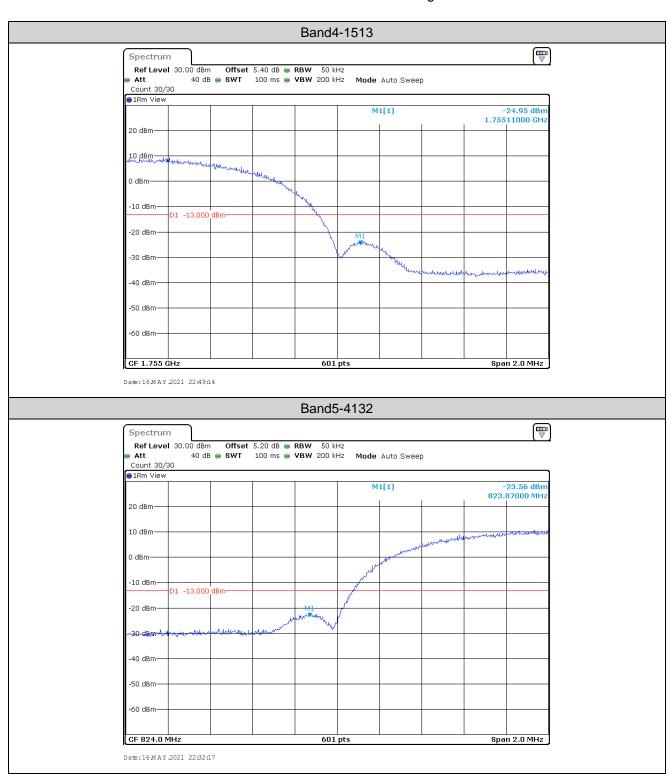
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

sgs.china@sgs.com

Report No.: ZR/2021/4001601

22 of 73 Page:





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 issue 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,

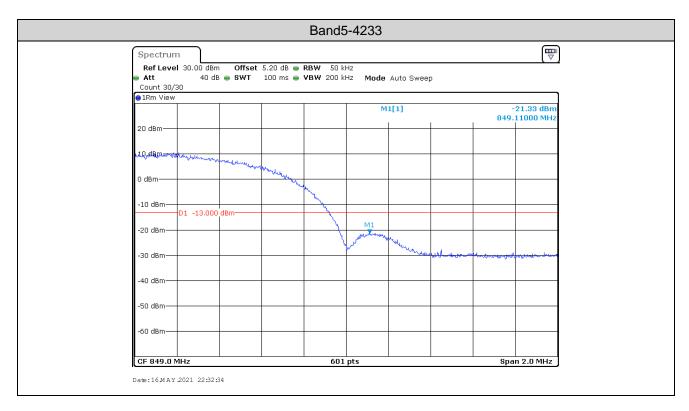
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

sgs.china@sgs.com

Report No.: ZR/2021/4001601

23 of 73 Page:



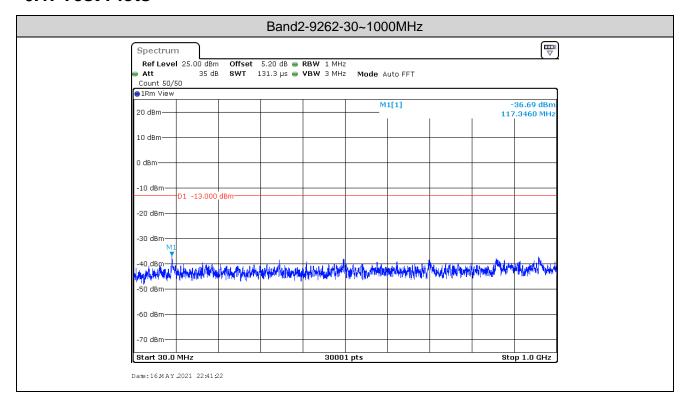


Page: 24 of 73

6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB. Remark2: only the worst case data displayed in this report.

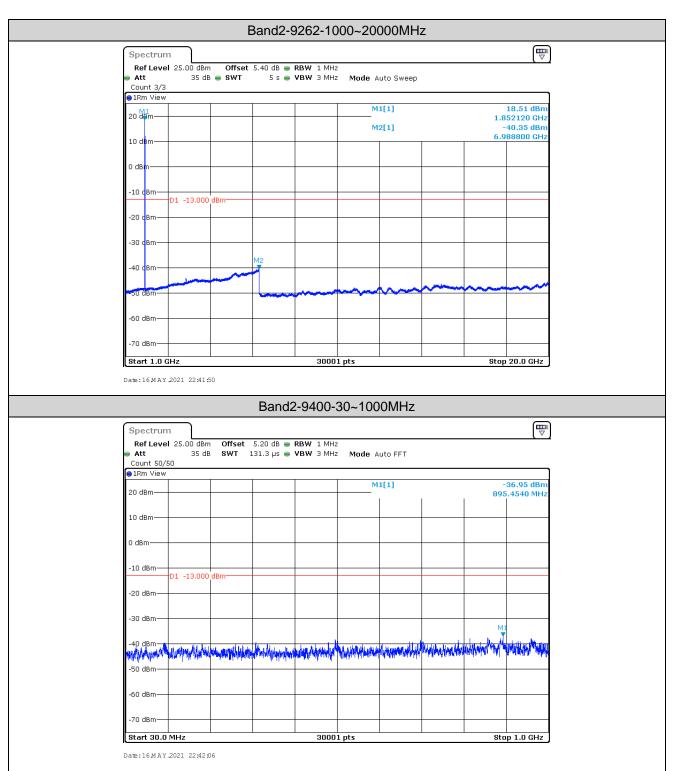
6.1. Test Plots





Report No.: ZR/2021/4001601

25 of 73 Page:





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 issue 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.

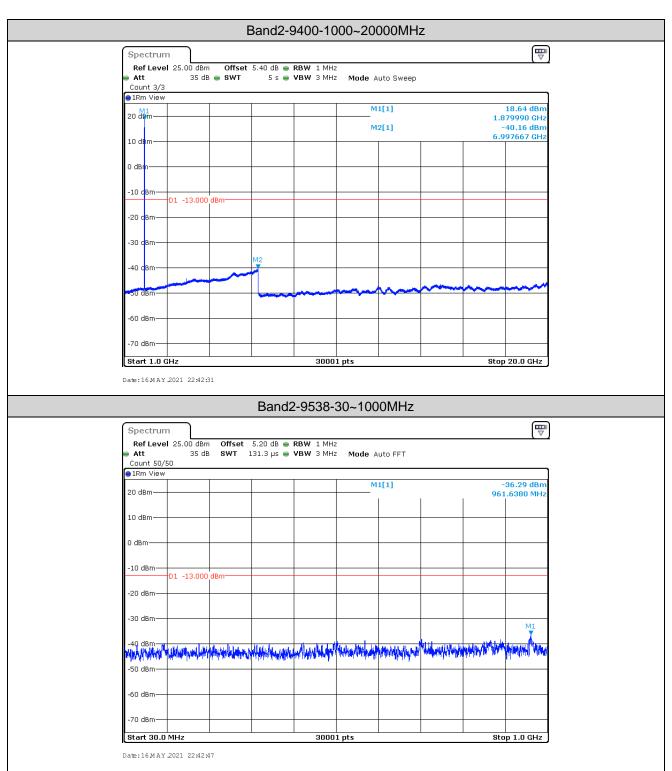
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **Certificate**.

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

Report No.: ZR/2021/4001601

Page: 26 of 73



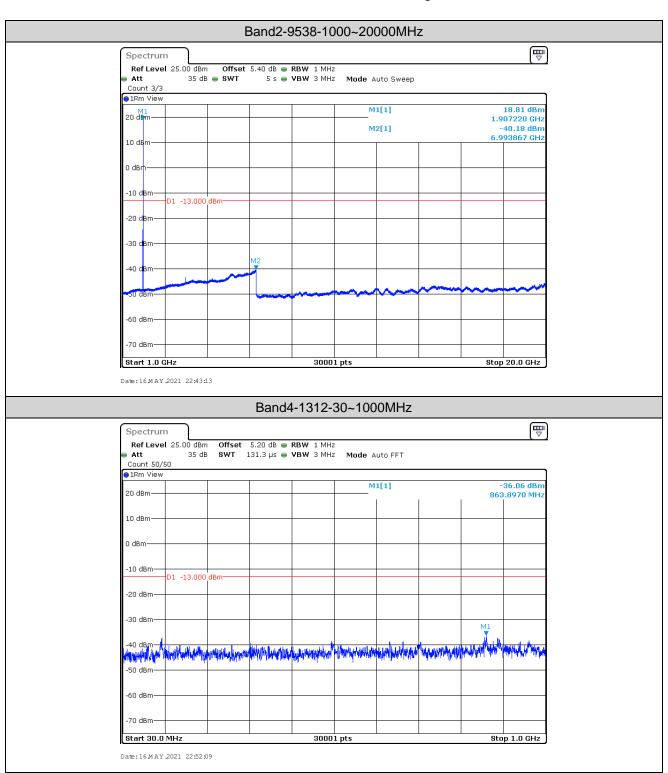


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Report No.: ZR/2021/4001601

Page: 27 of 73



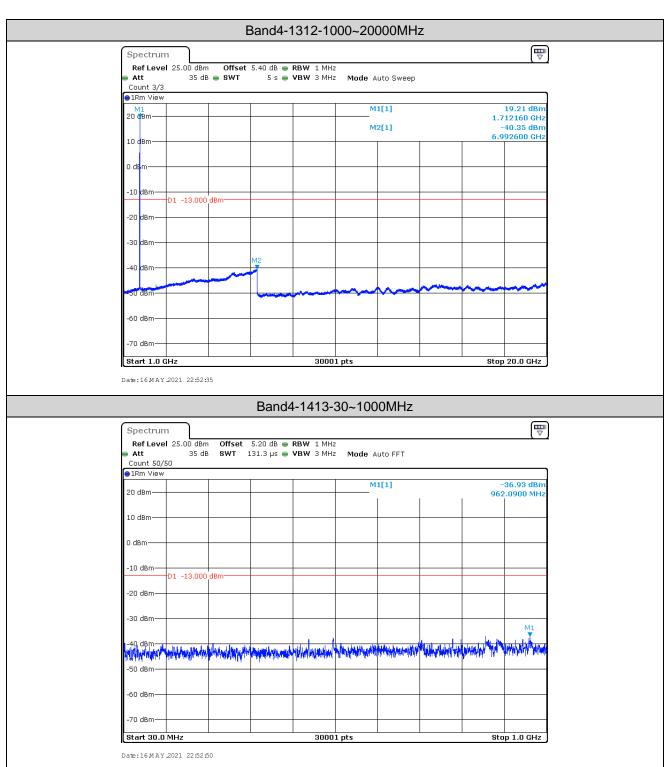


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Report No.: ZR/2021/4001601

Page: 28 of 73



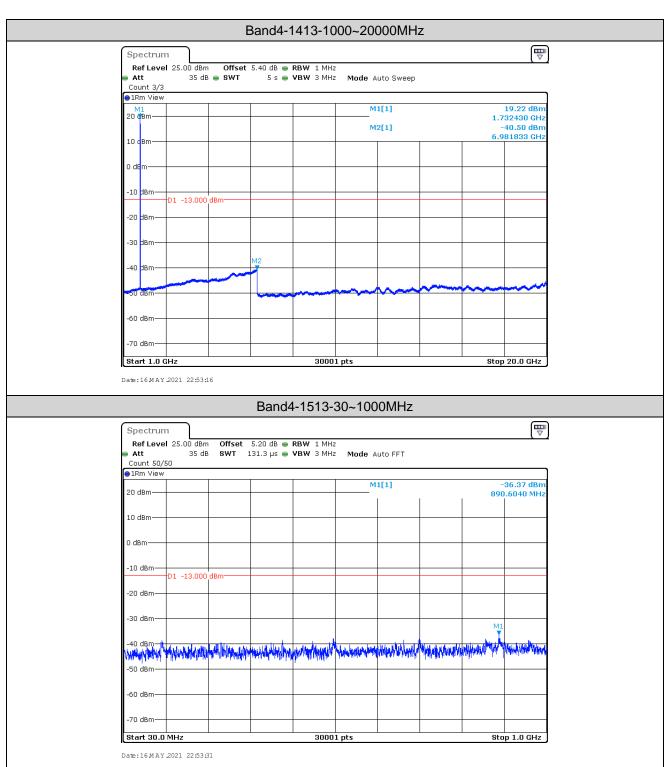


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Report No.: ZR/2021/4001601

Page: 29 of 73



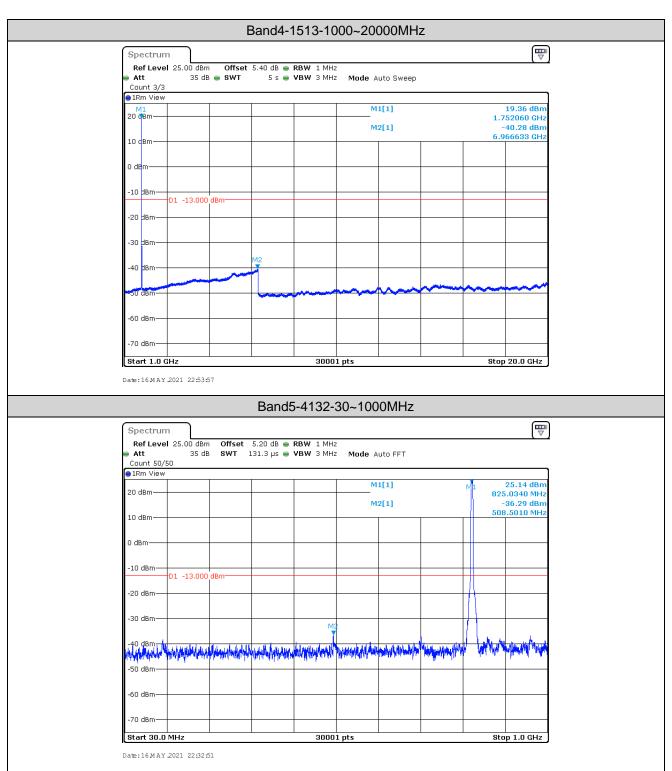


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Report No.: ZR/2021/4001601

Page: 30 of 73



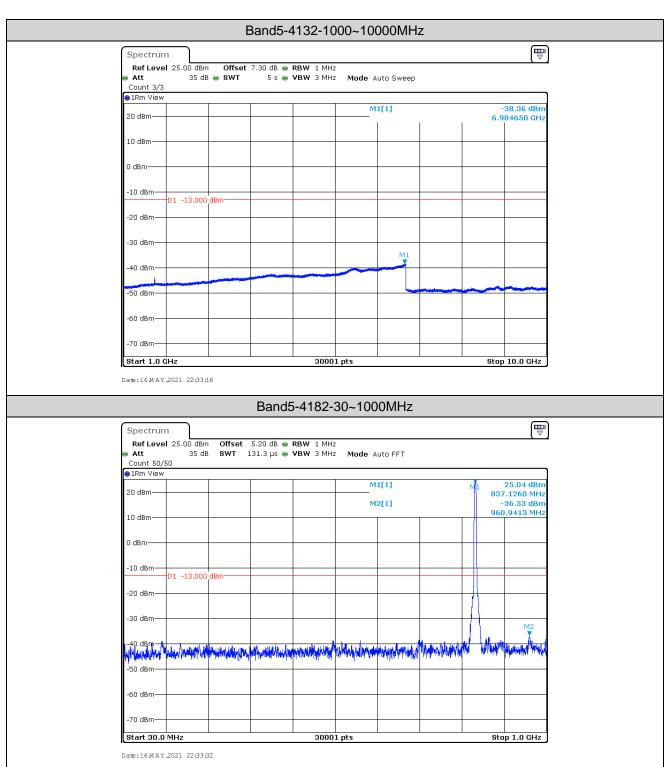


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Report No.: ZR/2021/4001601

Page: 31 of 73



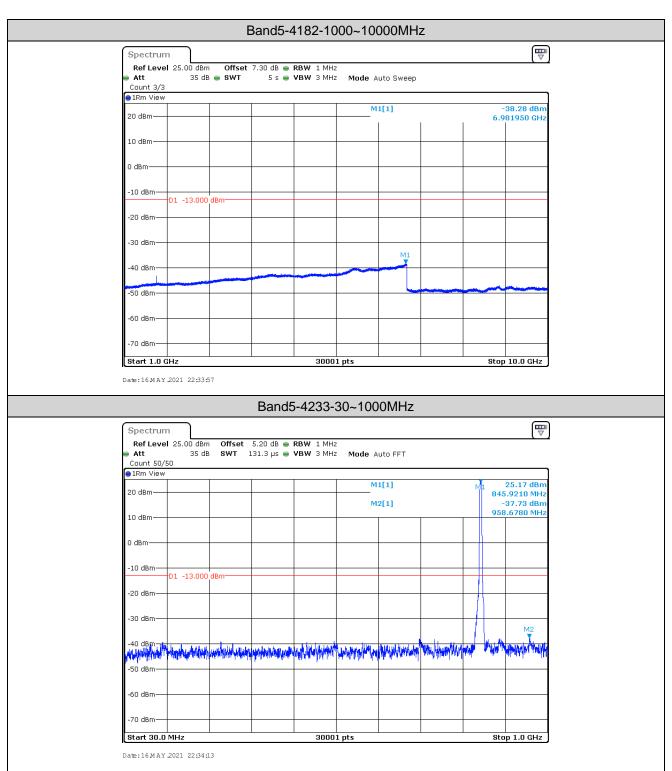


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Report No.: ZR/2021/4001601

Page: 32 of 73





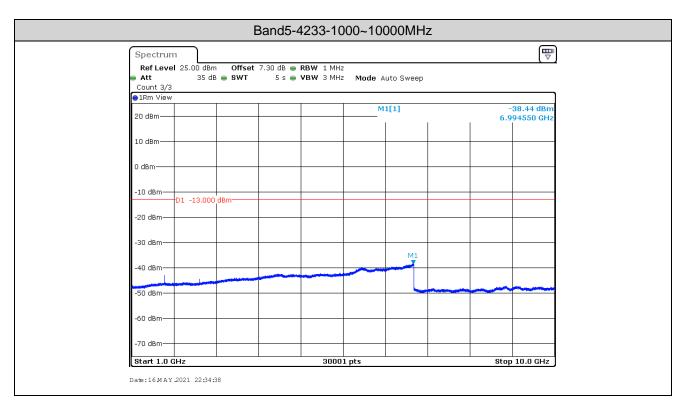
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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



Report No.: ZR/2021/4001601

Page: 33 of 73





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 issue 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, **Certificate**.

Page: 34 of 73

7. Field Strength of Spurious Radiation

7.1.Test Band = _WCDMA 2_TM1 ANT3

7.1.1. Test Channel = Low Channel

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity			
1	1274.2843	20.60	-49.93	-13.00	36.93	Horizontal			
2	2502.6878	21.46	-45.10	-13.00	32.10	Horizontal			
3	3703.5352	57.80	-57.48	-13.00	44.48	Horizontal			
4	5709.1355	49.90	-57.09	-13.00	44.09	Horizontal			
5	11237.6619	47.03	-48.77	-13.00	35.77	Horizontal			
6	17986.499	48.32	-45.28	-13.00	32.28	Horizontal			



Page: 35 of 73

7.2. Test Band = WCDMA 2_TM1 ANT3

7.2.1. Test Channel = Low Channel

Susp	Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity			
1	1239.7800	20.61	-49.79	-13.00	36.79	Vertical			
2	2687.7110	21.06	-44.84	-13.00	31.84	Vertical			
3	3705.7853	56.98	-58.27	-13.00	45.27	Vertical			
4	6751.6876	48.43	-55.46	-13.00	42.46	Vertical			
5	11235.4118	47.00	-48.79	-13.00	35.79	Vertical			
6	17994.749	48.48	-45.29	-13.00	32.29	Vertical			



Page: 36 of 73

7.3. Test Band = _WCDMA 2_TM1 ANT3

7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1240.7801	20.68	-49.74	-13.00	36.74	Horizontal
2	2433.4292	24.21	-42.84	-13.00	29.84	Horizontal
3	3758.2879	57.45	-57.11	-13.00	44.11	Horizontal
4	6505.6753	49.06	-55.41	-13.00	42.41	Horizontal
5	10647.382	46.99	-49.85	-13.00	36.85	Horizontal
6	17991.749	47.85	-45.86	-13.00	32.86	Horizontal



Page: 37 of 73

7.4. Test Band = WCDMA 2_TM1 ANT3

7.4.1. Test Channel = Mid Channel

Susp	Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity			
1	1344.0430	20.55	-49.83	-13.00	36.83	Vertical			
2	2501.4377	21.33	-45.22	-13.00	32.22	Vertical			
3	3761.2881	56.04	-58.53	-13.00	45.53	Vertical			
4	7482.9741	48.80	-53.37	-13.00	40.37	Vertical			
5	11235.4118	47.50	-48.29	-13.00	35.29	Vertical			
6	17993.999	47.65	-46.10	-13.00	33.10	Vertical			



Page: 38 of 73

7.5. Test Band = WCDMA 2_TM1 ANT3

7.5.1. Test Channel = High Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity		
1	1349.7937	20.35	-49.84	-13.00	36.84	Horizontal		
2	2908.9886	20.92	-44.12	-13.00	31.12	Horizontal		
3	3813.7907	59.59	-55.06	-13.00	42.06	Horizontal		
4	8355.2678	48.00	-53.24	-13.00	40.24	Horizontal		
5	12371.718	46.30	-48.01	-13.00	35.01	Horizontal		
6	17993.999	48.11	-45.64	-13.00	32.64	Horizontal		



Page: 39 of 73

7.6. Test Band = WCDMA 2_TM1 ANT3

7.6.1. Test Channel = High Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity		
1	1240.0300	20.75	-49.64	-13.00	36.64	Vertical		
2	2430.6788	25.83	-41.19	-13.00	28.19	Vertical		
3	3816.7908	58.43	-56.22	-13.00	43.22	Vertical		
4	7466.4733	48.76	-53.55	-13.00	40.55	Vertical		
5	13389.519	45.45	-47.02	-13.00	34.02	Vertical		
6	17245.462	66.76	-29.97	-13.00	16.97	Vertical		



Page: 40 of 73

7.7. Test Band = WCDMA 4_TM1 ANT3

7.7.1. Test Channel = Low Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity		
1	2353.4192	21.13	-46.43	-13.00	33.43	Horizontal		
2	4590.0795	51.06	-60.50	-13.00	47.50	Horizontal		
3	7455.2228	48.89	-53.51	-13.00	40.51	Horizontal		
4	9005.5503	47.36	-51.58	-13.00	38.58	Horizontal		
5	14054.802	45.12	-46.88	-13.00	33.88	Horizontal		
6	17912.995	47.34	-45.61	-13.00	32.61	Horizontal		



Page: 41 of 73

7.8. Test Band = WCDMA 4_TM1 ANT3

7.8.1. Test Channel = Low Channel

Susp	Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity			
1	2113.3892	24.94	-43.59	-13.00	30.59	Vertical			
2	3659.2830	52.13	-62.58	-13.00	49.58	Vertical			
3	4452.0726	51.04	-60.90	-13.00	47.90	Vertical			
4	8428.7714	48.43	-52.63	-13.00	39.63	Vertical			
5	12304.965	45.12	-48.94	-13.00	35.94	Vertical			
6	17988.749	47.87	-45.77	-13.00	32.77	Vertical			



Page: 42 of 73

7.9. Test Band = _WCDMA 4_TM1 ANT3

7.9.1. Test Channel = Mid Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity		
1	2502.9379	21.14	-45.42	-13.00	32.42	Horizontal		
2	3379.5190	53.07	-62.83	-13.00	49.83	Horizontal		
3	6777.1889	48.36	-55.93	-13.00	42.93	Horizontal		
4	9561.3281	46.71	-51.92	-13.00	38.92	Horizontal		
5	14057.052	44.94	-47.08	-13.00	34.08	Horizontal		
6	17912.995	46.78	-46.17	-13.00	33.17	Horizontal		



Page: 43 of 73

7.10. Test Band = _WCDMA 4_TM1 ANT3 7.10.1. Test Channel = Mid Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity		
1	2641.2052	21.00	-45.28	-13.00	32.28	Vertical		
2	3599.2800	52.47	-62.72	-13.00	49.72	Vertical		
3	5673.8837	49.49	-57.63	-13.00	44.63	Vertical		
4	8308.0154	47.50	-53.85	-13.00	40.85	Vertical		
5	10618.130	46.56	-50.29	-13.00	37.29	Vertical		
6	15020.101	44.73	-46.96	-13.00	33.96	Vertical		



Page: 44 of 73

7.11. Test Band = _WCDMA 4_TM1 ANT3

7.11.1. Test Channel = High Channel

Susp	Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity			
1	2619.7025	21.06	-45.16	-13.00	32.16	Horizontal			
2	3375.0188	52.40	-63.47	-13.00	50.47	Horizontal			
3	5688.8844	49.22	-57.71	-13.00	44.71	Horizontal			
4	8313.2657	48.06	-53.28	-13.00	40.28	Horizontal			
5	12412.220	45.92	-48.15	-13.00	35.15	Horizontal			
6	17997.749	48.19	-45.64	-13.00	32.64	Horizontal			



Page: 45 of 73

7.12. Test Band = _WCDMA 4_TM1 ANT3

7.12.1. Test Channel = High Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity		
1	2440.1800	21.24	-45.86	-13.00	32.86	Vertical		
2	3747.7874	51.70	-62.88	-13.00	49.88	Vertical		
3	4992.8496	49.60	-59.81	-13.00	46.81	Vertical		
4	10442.622	45.62	-51.62	-13.00	38.62	Vertical		
5	15917.895	45.01	-48.75	-13.00	35.75	Vertical		
6	17983.499	47.93	-45.60	-13.00	32.60	Vertical		



Page: 46 of 73

7.13. Test Band = _WCDMA 5_TM1 ANT0 7.13.1. Test Channel = Low Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity		
1	1414.4207	21.66	-67.39	-13.00	54.39	Horizontal		
2	2222.0611	21.88	-64.54	-13.00	51.54	Horizontal		
3	3534.8267	52.71	-62.50	-13.00	49.50	Horizontal		
4	5516.9758	49.80	-58.17	-13.00	45.17	Horizontal		
5	6969.8985	48.94	-54.79	-13.00	41.79	Horizontal		
6	9008.4004	47.27	-51.68	-13.00	38.68	Horizontal		



Page: 47 of 73

7.14. Test Band = _WCDMA 5_TM1 ANT0 7.14.1. Test Channel = Low Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity		
1	1157.5079	22.17	-66.61	-13.00	53.61	Vertical		
2	2107.5554	21.88	-65.26	-13.00	52.26	Vertical		
3	2459.5730	24.94	-60.58	-13.00	47.58	Vertical		
4	3934.1967	51.47	-62.36	-13.00	49.36	Vertical		
5	5411.6206	49.36	-59.02	-13.00	46.02	Vertical		
6	8368.5684	48.24	-52.93	-13.00	39.93	Vertical		



Page: 48 of 73

7.15. Test Band = _WCDMA 5_TM1 ANT0 7.15.1. Test Channel = Mid Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity		
1	1236.4118	21.95	-67.48	-13.00	54.48	Horizontal		
2	1941.3471	23.55	-64.38	-13.00	51.38	Horizontal		
3	3147.0074	52.25	-63.58	-13.00	50.58	Horizontal		
4	4980.3990	49.90	-59.61	-13.00	46.61	Horizontal		
5	6750.7875	48.24	-55.63	-13.00	42.63	Horizontal		
6	9558.9779	47.44	-51.21	-13.00	38.21	Horizontal		



Page: 49 of 73

7.16. Test Band = _WCDMA 5_TM1 ANT0 7.16.1. Test Channel = Mid Channel

Susp	Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity			
1	1227.8114	21.77	-67.56	-13.00	54.56	Vertical			
2	2410.7705	25.10	-60.31	-13.00	47.31	Vertical			
3	3880.6440	51.20	-62.99	-13.00	49.99	Vertical			
4	5478.1239	49.75	-58.30	-13.00	45.30	Vertical			
5	6779.4890	48.79	-55.54	-13.00	42.54	Vertical			
6	9931.3966	46.09	-52.14	-13.00	39.14	Vertical			



Page: 50 of 73

7.17. Test Band = _WCDMA 5_TM1 ANT0 7.17.1. Test Channel = High Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity		
1	1000.1000	21.42	-65.49	-13.00	52.49	Horizontal		
2	2450.4725	26.00	-59.48	-13.00	46.48	Horizontal		
3	2971.4986	21.95	-61.07	-13.00	48.07	Horizontal		
4	4819.3910	50.79	-59.81	-13.00	46.81	Horizontal		
5	6970.5985	48.72	-55.00	-13.00	42.00	Horizontal		
6	9946.0973	46.34	-51.87	-13.00	38.87	Horizontal		



Page: 51 of 73

7.18. Test Band = _WCDMA 5_TM1 ANT0 7.18.1. Test Channel = High Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity		
1	1000.4000	21.31	-65.62	-13.00	52.62	Vertical		
2	1998.3499	21.94	-65.77	-13.00	52.77	Vertical		
3	2999.9000	22.23	-60.64	-13.00	47.64	Vertical		
4	5499.8250	50.08	-57.93	-13.00	44.93	Vertical		
5	7471.1236	48.96	-53.31	-13.00	40.31	Vertical		
6	9592.5796	46.70	-51.60	-13.00	38.60	Vertical		



Page: 52 of 73

7.19. Test Band = _WCDMA 2_TM1 ANT4

7.19.1. Test Channel = Low Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity		
1	1028.7536	20.40	-50.46	-13.00	37.46	Horizontal		
2	1634.5793	20.66	-49.57	-13.00	36.57	Horizontal		
3	2998.7498	20.77	-43.72	-13.00	30.72	Horizontal		
4	4142.3071	51.78	-61.16	-13.00	48.16	Horizontal		
5	8839.0420	47.72	-52.13	-13.00	39.13	Horizontal		
6	17988.749	47.94	-45.70	-13.00	32.70	Horizontal		



Page: 53 of 73

7.20. Test Band = _WCDMA 2_TM1 ANT4 7.20.1. Test Channel = Low Channel

Susp	Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity			
1	1038.0048	20.70	-50.07	-13.00	37.07	Vertical			
2	1529.5662	20.56	-49.28	-13.00	36.28	Vertical			
3	2998.7498	20.72	-43.77	-13.00	30.77	Vertical			
4	4224.0612	51.19	-61.51	-13.00	48.51	Vertical			
5	7483.7242	48.65	-53.51	-13.00	40.51	Vertical			
6	17918.245	47.43	-45.51	-13.00	32.51	Vertical			



Page: 54 of 73

7.21. Test Band = _WCDMA 2_TM1 ANT4 7.21.1. Test Channel = Mid Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity		
1	1472.5591	20.34	-49.75	-13.00	36.75	Horizontal		
2	2698.9624	20.95	-44.84	-13.00	31.84	Horizontal		
3	5409.1205	49.28	-59.12	-13.00	46.12	Horizontal		
4	9008.5504	47.47	-51.49	-13.00	38.49	Horizontal		
5	14024.801	45.32	-47.01	-13.00	34.01	Horizontal		
6	17989.499	48.13	-45.53	-13.00	32.53	Horizontal		



Page: 55 of 73

7.22. Test Band = _WCDMA 2_TM1 ANT4 7.22.1. Test Channel = Mid Channel

Susp	Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity			
1	1509.8137	20.40	-49.42	-13.00	36.42	Vertical			
2	2777.9722	21.05	-44.74	-13.00	31.74	Vertical			
3	4804.5902	50.20	-60.47	-13.00	47.47	Vertical			
4	7472.4736	48.97	-53.29	-13.00	40.29	Vertical			
5	11216.6608	46.92	-48.80	-13.00	35.80	Vertical			
6	17989.499	48.13	-45.53	-13.00	32.53	Vertical			



Page: 56 of 73

7.23. Test Band = _WCDMA 2_TM1 ANT4 7.23.1. Test Channel = High Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity		
1	1524.8156	20.73	-49.27	-13.00	36.27	Horizontal		
2	2838.7298	20.87	-44.78	-13.00	31.78	Horizontal		
3	5692.6346	49.20	-57.68	-13.00	44.68	Horizontal		
4	10612.880	47.21	-49.64	-13.00	36.64	Horizontal		
5	14588.079	45.80	-46.62	-13.00	33.62	Horizontal		
6	17997.749	48.25	-45.58	-13.00	32.58	Horizontal		



Page: 57 of 73

7.24. Test Band = _WCDMA 2_TM1 ANT4 7.24.1. Test Channel = High Channel

Susp	Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity			
1	1435.8045	20.56	-49.51	-13.00	36.51	Vertical			
2	2704.4631	20.89	-44.95	-13.00	31.95	Vertical			
3	4432.5716	51.06	-61.02	-13.00	48.02	Vertical			
4	8362.7681	48.11	-53.09	-13.00	40.09	Vertical			
5	13034.751	45.04	-47.61	-13.00	34.61	Vertical			
6	17988.749	47.53	-46.11	-13.00	33.11	Vertical			



Page: 58 of 73

7.25. Test Band = _WCDMA 4_TM1 ANT4 7.25.1. Test Channel = Low Channel

Susp	Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity			
1	1393.0491	20.47	-49.81	-13.00	36.81	Horizontal			
2	2782.4728	21.04	-44.75	-13.00	31.75	Horizontal			
3	5675.3838	49.66	-57.44	-13.00	44.44	Horizontal			
4	10419.371	45.70	-51.38	-13.00	38.38	Horizontal			
5	16867.443	46.42	-47.48	-13.00	34.48	Horizontal			
6	17995.499	48.52	-45.27	-13.00	32.27	Horizontal			



Page: 59 of 73

7.26. Test Band = _WCDMA 4_TM1 ANT4 7.26.1. Test Channel = Low Channel

Susp	Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity			
1	1395.2994	20.24	-50.04	-13.00	37.04	Vertical			
2	2761.7202	20.91	-44.97	-13.00	31.97	Vertical			
3	4161.8081	50.76	-62.04	-13.00	49.04	Vertical			
4	8403.2702	48.37	-52.63	-13.00	39.63	Vertical			
5	13016.750	44.87	-47.68	-13.00	34.68	Vertical			
6	17803.490	47.24	-46.95	-13.00	33.95	Vertical			



Page: 60 of 73

7.27. Test Band = _WCDMA 4_TM1 ANT4 7.27.1. Test Channel = Mid Channel

Susp	Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity			
1	1321.2902	20.65	-49.89	-13.00	36.89	Horizontal			
2	2863.4829	20.80	-44.58	-13.00	31.58	Horizontal			
3	5700.1350	49.10	-57.69	-13.00	44.69	Horizontal			
4	9594.3297	46.40	-51.89	-13.00	38.89	Horizontal			
5	12908.745	45.83	-47.70	-13.00	34.70	Horizontal			
6	17989.499	48.15	-45.51	-13.00	32.51	Horizontal			



Page: 61 of 73

7.28. Test Band = _WCDMA 4_TM1 ANT4 7.28.1. Test Channel = Mid Channel

Susp	Suspected Data List										
NO.	Freq.	Reading [dBm]	Level	Limit	Margin	Polarity					
	[MHz]	[ubiii]	[dBm]	[dBm]	[dB]						
1	1310.5388	20.56	-49.93	-13.00	36.93	Vertical					
2	2703.2129	20.93	-44.89	-13.00	31.89	Vertical					
3	5493.8747	49.70	-58.32	-13.00	45.32	Vertical					
4	10185.359	46.24	-51.41	-13.00	38.41	Vertical					
5	15043.352	44.86	-47.05	-13.00	34.05	Vertical					
6	17991.749	47.89	-45.82	-13.00	32.82	Vertical					



Page: 62 of 73

7.29. Test Band = _WCDMA 4_TM1 ANT4 7.29.1. Test Channel = High Channel

Susp	Suspected Data List										
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity					
1	1302.0378	20.51	-50.00	-13.00	37.00	Horizontal					
2	2691.4614	21.14	-44.71	-13.00	31.71	Horizontal					
3	4572.0786	51.13	-60.57	-13.00	47.57	Horizontal					
4	7969.7485	48.20	-53.74	-13.00	40.74	Horizontal					
5	12772.988	44.89	-48.21	-13.00	35.21	Horizontal					
6	17980.499	47.79	-45.68	-13.00	32.68	Horizontal					



Page: 63 of 73

7.30. Test Band = _WCDMA 4_TM1 ANT4 7.30.1. Test Channel = High Channel

Susp	Suspected Data List										
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity					
1	1349.2937	20.28	-49.93	-13.00	36.93	Vertical					
2	2750.7188	20.93	-44.81	-13.00	31.81	Vertical					
3	5674.6337	49.82	-57.29	-13.00	44.29	Vertical					
4	9049.0525	47.93	-51.19	-13.00	38.19	Vertical					
5	13363.268	45.89	-46.82	-13.00	33.82	Vertical					
6	17980.499	47.74	-45.73	-13.00	32.73	Vertical					



Page: 64 of 73

7.31. Test Band = _WCDMA 5_TM1 ANT1 7.31.1. Test Channel = Low Channel

Susp	Suspected Data List										
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity					
1	1167.5084	22.28	-66.56	-13.00	53.56	Horizontal					
2	2668.9834	22.51	-62.17	-13.00	49.17	Horizontal					
3	4423.8712	50.73	-61.42	-13.00	48.42	Horizontal					
4	7472.1736	48.91	-53.35	-13.00	40.35	Horizontal					
5	9010.1505	48.20	-50.76	-13.00	37.76	Horizontal					
6	9954.4977	46.87	-51.34	-13.00	38.34	Horizontal					



Page: 65 of 73

7.32. Test Band = _WCDMA 5_TM1 ANT1 7.32.1. Test Channel = Low Channel

Susp	Suspected Data List									
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity				
1	1374.6187	21.26	-67.84	-13.00	54.84	Vertical				
2	2647.1824	22.48	-62.23	-13.00	49.23	Vertical				
3	4556.1778	51.62	-60.20	-13.00	47.20	Vertical				
4	7489.6745	48.99	-53.13	-13.00	40.13	Vertical				
5	9023.4512	47.81	-51.21	-13.00	38.21	Vertical				
6	9940.1470	46.36	-51.86	-13.00	38.86	Vertical				



Page: 66 of 73

7.33. Test Band = _WCDMA 5_TM1 ANT1 7.33.1. Test Channel = Mid Channel

Susp	Suspected Data List										
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity					
1	1445.7223	21.41	-67.58	-13.00	54.58	Horizontal					
2	2685.3843	22.07	-62.60	-13.00	49.60	Horizontal					
3	5510.6755	49.91	-58.07	-13.00	45.07	Horizontal					
4	7453.9727	48.86	-53.55	-13.00	40.55	Horizontal					
5	9039.2020	47.79	-51.29	-13.00	38.29	Horizontal					
6	9860.3430	46.64	-51.64	-13.00	38.64	Horizontal					



Page: 67 of 73

7.34. Test Band = _WCDMA 5_TM1 ANT1 7.34.1. Test Channel = Mid Channel

Susp	Suspected Data List										
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity					
1	1506.6253	21.89	-66.94	-13.00	53.94	Vertical					
2	2781.4891	21.93	-61.85	-13.00	48.85	Vertical					
3	5503.3252	49.86	-58.14	-13.00	45.14	Vertical					
4	7481.6241	48.97	-53.21	-13.00	40.21	Vertical					
5	8978.6489	47.83	-51.30	-13.00	38.30	Vertical					
6	9562.4781	47.07	-51.55	-13.00	38.55	Vertical					



Page: 68 of 73

7.35. Test Band = _WCDMA 5_TM1 ANT1 7.35.1. Test Channel = High Channel

Susp	Suspected Data List									
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity				
1	1404.5202	21.22	-67.85	-13.00	54.85	Horizontal				
2	2786.6893	22.22	-61.50	-13.00	48.50	Horizontal				
3	5160.6580	49.88	-59.50	-13.00	46.50	Horizontal				
4	7488.9744	49.57	-52.55	-13.00	39.55	Horizontal				
5	9034.3017	47.75	-51.31	-13.00	38.31	Horizontal				
6	9942.9471	46.50	-51.71	-13.00	38.71	Horizontal				



Page: 69 of 73

7.36. Test Band = _WCDMA 5_TM1 ANT1 7.36.1. Test Channel = High Channel

Susp	Suspected Data List									
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity				
1	1521.9261	21.67	-67.31	-13.00	54.31	Vertical				
2	2738.1869	21.86	-62.37	-13.00	49.37	Vertical				
3	3521.1761	52.73	-62.33	-13.00	49.33	Vertical				
4	5682.5341	49.51	-57.50	-13.00	44.50	Vertical				
5	7469.7235	49.01	-53.27	-13.00	40.27	Vertical				
6	9009.1005	47.97	-50.99	-13.00	37.99	Vertical				

Remark:

- According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.



Page: 70 of 73

8. Frequency Stability

8.1. Frequency Vs Voltage

			Vc	oltage			
		Voltage	Temperature	Deviation	Deviation	Limit	
Band	Channel	(Vdc)	remperature (°C)	(Hz)	(ppm)	(ppm)	Verdict
Band2	9262	VL	NT	13.76	0.007428	±2.5	PASS
Band2	9262	VN	NT	17.70	0.009555	±2.5	PASS
Band2	9262	VH	NT	16.45	0.008880	±2.5	PASS
Band2	9400	VL	NT	19.97	0.010622	±2.5	PASS
Band2	9400	VN	NT	20.25	0.010771	±2.5	PASS
Band2	9400	VH	NT	18.86	0.010032	±2.5	PASS
Band2	9538	VL	NT	17.78	0.009321	±2.5	PASS
Band2	9538	VN	NT	20.71	0.010857	±2.5	PASS
Band2	9538	VH	NT	19.70	0.010327	±2.5	PASS
Band4	1312	VL	NT	17.44	0.010185	±2.5	PASS
Band4	1312	VN	NT	16.45	0.009606	±2.5	PASS
Band4	1312	VH	NT	17.62	0.010290	±2.5	PASS
Band4	1413	VL	NT	15.95	0.009206	±2.5	PASS
Band4	1413	VN	NT	10.35	0.005974	±2.5	PASS
Band4	1413	VH	NT	14.56	0.008404	±2.5	PASS
Band4	1513	VL	NT	15.38	0.008776	±2.5	PASS
Band4	1513	VN	NT	15.05	0.008587	±2.5	PASS
Band4	1513	VH	NT	15.70	0.008958	±2.5	PASS
Band5	4132	VL	NT	3.37	0.004078	±2.5	PASS
Band5	4132	VN	NT	4.53	0.005482	±2.5	PASS
Band5	4132	VH	NT	4.23	0.005119	±2.5	PASS
Band5	4182	VL	NT	3.39	0.004053	±2.5	PASS
Band5	4182	VN	NT	1.53	0.001829	±2.5	PASS
Band5	4182	VH	NT	5.81	0.006946	±2.5	PASS
Band5	4233	VL	NT	9.45	0.011162	±2.5	PASS
Band5	4233	VN	NT	6.15	0.007264	±2.5	PASS
Band5	4233	VH	NT	6.45	0.007619	±2.5	PASS



Page: 71 of 73

8.2. Frequency Vs Temperature

			Ter	nperature			
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	18.71	0.010100	±2.5	PASS
Band2	9262	NV	-20	20.42	0.011024	±2.5	PASS
Band2	9262	NV	-10	17.67	0.009539	±2.5	PASS
Band2	9262	NV	0	16.69	0.009010	±2.5	PASS
Band2	9262	NV	10	18.40	0.009933	±2.5	PASS
Band2	9262	NV	20	17.26	0.009318	±2.5	PASS
Band2	9262	NV	30	19.61	0.010586	±2.5	PASS
Band2	9262	NV	40	16.68	0.009005	±2.5	PASS
Band2	9262	NV	50	17.33	0.009355	±2.5	PASS
Band2	9400	NV	-30	19.01	0.010112	±2.5	PASS
Band2	9400	NV	-20	20.37	0.010835	±2.5	PASS
Band2	9400	NV	-10	17.17	0.009133	±2.5	PASS
Band2	9400	NV	0	15.61	0.008303	±2.5	PASS
Band2	9400	NV	10	18.49	0.009835	±2.5	PASS
Band2	9400	NV	20	17.53	0.009324	±2.5	PASS
Band2	9400	NV	30	17.70	0.009415	±2.5	PASS
Band2	9400	NV	40	18.52	0.009851	±2.5	PASS
Band2	9400	NV	50	14.34	0.007628	±2.5	PASS
Band2	9538	NV	-30	20.11	0.010542	±2.5	PASS
Band2	9538	NV	-20	17.78	0.009321	±2.5	PASS
Band2	9538	NV	-10	17.68	0.009268	±2.5	PASS
Band2	9538	NV	0	19.56	0.010254	±2.5	PASS
Band2	9538	NV	10	19.07	0.009997	±2.5	PASS
Band2	9538	NV	20	20.98	0.010998	±2.5	PASS
Band2	9538	NV	30	14.10	0.007391	±2.5	PASS
Band2	9538	NV	40	20.28	0.010631	±2.5	PASS
Band2	9538	NV	50	17.82	0.009342	±2.5	PASS
Band4	1312	NV	-30	17.33	0.010120	±2.5	PASS
Band4	1312	NV	-20	14.47	0.008450	±2.5	PASS
Band4	1312	NV	-10	16.42	0.009589	±2.5	PASS
Band4	1312	NV	0	19.18	0.011201	±2.5	PASS
Band4	1312	NV	10	18.28	0.010675	±2.5	PASS
Band4	1312	NV	20	14.88	0.008690	±2.5	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 issue 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, **Certificate**.

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



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

Report No.: ZR/2021/4001601

Page: 72 of 73

1					T	T	
Band4	1312	NV	30	20.20	0.011796	±2.5	PASS
Band4	1312	NV	40	18.36	0.010722	±2.5	PASS
Band4	1312	NV	50	21.16	0.012357	±2.5	PASS
Band4	1413	NV	-30	20.51	0.011838	±2.5	PASS
Band4	1413	NV	-20	16.95	0.009783	±2.5	PASS
Band4	1413	NV	-10	17.72	0.010227	±2.5	PASS
Band4	1413	NV	0	15.15	0.008744	±2.5	PASS
Band4	1413	NV	10	19.32	0.011151	±2.5	PASS
Band4	1413	NV	20	16.85	0.009725	±2.5	PASS
Band4	1413	NV	30	12.68	0.007318	±2.5	PASS
Band4	1413	NV	40	17.88	0.010320	±2.5	PASS
Band4	1413	NV	50	12.68	0.007318	±2.5	PASS
Band4	1513	NV	-30	13.82	0.007885	±2.5	PASS
Band4	1513	NV	-20	14.60	0.008330	±2.5	PASS
Band4	1513	NV	-10	14.16	0.008079	±2.5	PASS
Band4	1513	NV	0	13.05	0.007446	±2.5	PASS
Band4	1513	NV	10	10.35	0.005906	±2.5	PASS
Band4	1513	NV	20	12.50	0.007132	±2.5	PASS
Band4	1513	NV	30	15.06	0.008593	±2.5	PASS
Band4	1513	NV	40	14.74	0.008410	±2.5	PASS
Band4	1513	NV	50	12.94	0.007383	±2.5	PASS
Band5	4132	NV	-30	7.60	0.009197	±2.5	PASS
Band5	4132	NV	-20	5.33	0.006450	±2.5	PASS
Band5	4132	NV	-10	7.39	0.008942	±2.5	PASS
Band5	4132	NV	0	10.16	0.012294	±2.5	PASS
Band5	4132	NV	10	7.35	0.008894	±2.5	PASS
Band5	4132	NV	20	6.77	0.008192	±2.5	PASS
Band5	4132	NV	30	5.78	0.006994	±2.5	PASS
Band5	4132	NV	40	4.56	0.005518	±2.5	PASS
Band5	4132	NV	50	3.43	0.004151	±2.5	PASS
Band5	4182	NV	-30	8.03	0.009601	±2.5	PASS
Band5	4182	NV	-20	9.46	0.011310	±2.5	PASS
Band5	4182	NV	-10	5.00	0.005978	±2.5	PASS
Band5	4182	NV	0	9.40	0.011239	±2.5	PASS
Band5	4182	NV	10	4.07	0.004866	±2.5	PASS
Band5	4182	NV	20	4.43	0.005297	±2.5	PASS
Band5	4182	NV	30	4.90	0.005858	±2.5	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 issue 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 document does not exonerate parties to a transaction prome exercising all their rights and obligations under the transaction document. 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, **Contact University** in the content of the conte

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



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

Report No.: ZR/2021/4001601

Page: 73 of 73

Band5	4182	NV	40	5.04	0.006026	±2.5	PASS
Band5	4182	NV	50	5.78	0.006911	±2.5	PASS
Band5	4233	NV	-30	7.00	0.008268	±2.5	PASS
Band5	4233	NV	-20	2.41	0.002847	±2.5	PASS
Band5	4233	NV	-10	3.22	0.003803	±2.5	PASS
Band5	4233	NV	0	1.85	0.002185	±2.5	PASS
Band5	4233	NV	10	7.46	0.008812	±2.5	PASS
Band5	4233	NV	20	6.64	0.007843	±2.5	PASS
Band5	4233	NV	30	2.98	0.003520	±2.5	PASS
Band5	4233	NV	40	5.95	0.007028	±2.5	PASS
Band5	4233	NV	50	5.36	0.006331	±2.5	PASS

The End



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 issue 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 document does not exonerate parties to a transaction prome exercising all their rights and obligations under the transaction document. 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, **Contact University** in the content of the conte

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com