

# Appendix B.2

## LTE Band 4



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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## 1. Effective (Isotropic) Radiated Power Output Data

### 1.1 Test Result

#### 1.1.1 B4\_1.4MHz\_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
1710.7	1710.7	1	0	23.53	4.86	28.39	<=30	Pass
			2	23.62	4.86	28.48	<=30	Pass
			5	23.51	4.86	28.37	<=30	Pass
		3	0	23.40	4.86	28.26	<=30	Pass
			2	23.33	4.86	28.19	<=30	Pass
			3	23.27	4.86	28.13	<=30	Pass
	1732.5	6	0	22.44	4.86	27.30	<=30	Pass
		1	0	23.54	4.86	28.40	<=30	Pass
			2	23.57	4.86	28.43	<=30	Pass
			5	23.50	4.86	28.36	<=30	Pass
		3	0	23.49	4.86	28.35	<=30	Pass
			2	23.52	4.86	28.38	<=30	Pass
			3	23.48	4.86	28.34	<=30	Pass
QPSK	1754.3	6	0	22.54	4.86	27.40	<=30	Pass
		1	0	23.71	4.86	28.57	<=30	Pass
			2	23.82	4.86	28.68	<=30	Pass
			5	23.73	4.86	28.59	<=30	Pass
		3	0	23.73	4.86	28.59	<=30	Pass
			2	23.75	4.86	28.61	<=30	Pass
			3	23.76	4.86	28.62	<=30	Pass
	1710.7	6	0	22.75	4.86	27.61	<=30	Pass
		1	0	22.58	4.86	27.44	<=30	Pass
			2	22.57	4.86	27.43	<=30	Pass
			5	22.51	4.86	27.37	<=30	Pass
		3	0	22.39	4.86	27.25	<=30	Pass
			2	22.33	4.86	27.19	<=30	Pass
			3	22.31	4.86	27.17	<=30	Pass
16QAM	1710.7	6	0	21.50	4.86	26.36	<=30	Pass
		1	0	22.60	4.86	27.46	<=30	Pass
			0	22.58	4.86	27.44	<=30	Pass
			2	22.57	4.86	27.43	<=30	Pass
	1732.5	1	0	22.60	4.86	27.46	<=30	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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 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 sgs.china@sgs.com

1754.3	3	2	22.66	4.86	27.52	<=30	Pass	
		5	22.77	4.86	27.63	<=30	Pass	
		0	22.54	4.86	27.40	<=30	Pass	
		2	22.62	4.86	27.48	<=30	Pass	
		3	22.58	4.86	27.44	<=30	Pass	
	1	6	0	21.54	4.86	26.40	<=30	Pass
		0	22.85	4.86	27.71	<=30	Pass	
		2	22.99	4.86	27.85	<=30	Pass	
		5	22.80	4.86	27.66	<=30	Pass	
		0	22.84	4.86	27.70	<=30	Pass	
	3	2	22.81	4.86	27.67	<=30	Pass	
		3	22.85	4.86	27.71	<=30	Pass	
		6	0	21.80	4.86	26.66	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.2 B4\_3MHz\_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.46	4.86	28.32	<=30	Pass
			7	23.50	4.86	28.36	<=30	Pass
			14	23.29	4.86	28.15	<=30	Pass
		8	0	22.56	4.86	27.42	<=30	Pass
			4	22.49	4.86	27.35	<=30	Pass
			7	22.44	4.86	27.30	<=30	Pass
	1732.5	15	0	22.45	4.86	27.31	<=30	Pass
		1	0	23.51	4.86	28.37	<=30	Pass
			7	23.70	4.86	28.56	<=30	Pass
			14	23.46	4.86	28.32	<=30	Pass
		8	0	22.47	4.86	27.33	<=30	Pass
			4	22.57	4.86	27.43	<=30	Pass
			7	22.53	4.86	27.39	<=30	Pass
	1753.5	15	0	22.58	4.86	27.44	<=30	Pass
		1	0	23.69	4.86	28.55	<=30	Pass
			7	23.84	4.86	28.70	<=30	Pass
			14	23.77	4.86	28.63	<=30	Pass
		8	0	22.72	4.86	27.58	<=30	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](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057

t (86-755) 26012053

[www.sgsgroup.com.cn](http://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



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

			4	22.76	4.86	27.62	<=30	Pass
			7	22.79	4.86	27.65	<=30	Pass
			15	0	22.74	4.86	27.60	<=30
16QAM	1711.5	1	0	22.60	4.86	27.46	<=30	Pass
			7	22.56	4.86	27.42	<=30	Pass
			14	22.46	4.86	27.32	<=30	Pass
		8	0	21.60	4.86	26.46	<=30	Pass
			4	21.65	4.86	26.51	<=30	Pass
			7	21.60	4.86	26.46	<=30	Pass
	1732.5	1	0	21.60	4.86	26.46	<=30	Pass
			0	22.67	4.86	27.53	<=30	Pass
			7	22.88	4.86	27.74	<=30	Pass
		8	14	22.71	4.86	27.57	<=30	Pass
			0	21.56	4.86	26.42	<=30	Pass
			4	21.59	4.86	26.45	<=30	Pass
	1753.5	1	7	21.56	4.86	26.42	<=30	Pass
			15	0	21.58	4.86	26.44	<=30
		8	0	22.87	4.86	27.73	<=30	Pass
			7	23.05	4.86	27.91	<=30	Pass
			14	22.91	4.86	27.77	<=30	Pass
		15	0	21.75	4.86	26.61	<=30	Pass
			4	21.81	4.86	26.67	<=30	Pass
			7	21.79	4.86	26.65	<=30	Pass
		15	0	21.75	4.86	26.61	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.3 B4\_5MHz\_EIRP

Modulation	Frequency (MHz)	Band: 4 / Bandwidth: 5MHz / NTV						Verdict	
		RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)			
		Size	Offset			Result	Limit		
QPSK	1712.5	1	0	23.59	4.86	28.45	<=30	Pass	
			13	23.49	4.86	28.35	<=30	Pass	
			24	23.41	4.86	28.27	<=30	Pass	
		12	0	22.62	4.86	27.48	<=30	Pass	
			6	22.57	4.86	27.43	<=30	Pass	
			13	22.47	4.86	27.33	<=30	Pass	
		25	0	22.52	4.86	27.38	<=30	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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 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 sgs.china@sgs.com

	1732.5	1	0	23.55	4.86	28.41	<=30	Pass
			13	23.60	4.86	28.46	<=30	Pass
			24	23.53	4.86	28.39	<=30	Pass
		12	0	22.53	4.86	27.39	<=30	Pass
			6	22.62	4.86	27.48	<=30	Pass
			13	22.59	4.86	27.45	<=30	Pass
	1752.5	25	0	22.60	4.86	27.46	<=30	Pass
		1	0	23.79	4.86	28.65	<=30	Pass
			13	23.85	4.86	28.71	<=30	Pass
			24	23.82	4.86	28.68	<=30	Pass
		12	0	22.73	4.86	27.59	<=30	Pass
			6	22.75	4.86	27.61	<=30	Pass
			13	22.85	4.86	27.71	<=30	Pass
16QAM	1712.5	25	0	22.74	4.86	27.60	<=30	Pass
		1	0	22.71	4.86	27.57	<=30	Pass
			13	22.48	4.86	27.34	<=30	Pass
			24	22.48	4.86	27.34	<=30	Pass
		12	0	21.64	4.86	26.50	<=30	Pass
			6	21.58	4.86	26.44	<=30	Pass
			13	21.51	4.86	26.37	<=30	Pass
	1732.5	25	0	21.62	4.86	26.48	<=30	Pass
		1	0	22.79	4.86	27.65	<=30	Pass
			13	22.75	4.86	27.61	<=30	Pass
			24	22.85	4.86	27.71	<=30	Pass
		12	0	21.64	4.86	26.50	<=30	Pass
			6	21.64	4.86	26.50	<=30	Pass
			13	21.58	4.86	26.44	<=30	Pass
	1752.5	25	0	21.63	4.86	26.49	<=30	Pass
		1	0	22.94	4.86	27.80	<=30	Pass
			13	23.09	4.86	27.95	<=30	Pass
			24	23.03	4.86	27.89	<=30	Pass
		12	0	21.82	4.86	26.68	<=30	Pass
			6	21.78	4.86	26.64	<=30	Pass
			13	21.68	4.86	26.54	<=30	Pass
		25	0	21.75	4.86	26.61	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

#### 1.1.4 B4\_10MHz\_EIRP



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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

Band: 4 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.60	4.86	28.46	<=30	Pass
			25	23.52	4.86	28.38	<=30	Pass
			49	23.54	4.86	28.40	<=30	Pass
		25	0	22.58	4.86	27.44	<=30	Pass
			13	22.56	4.86	27.42	<=30	Pass
			25	22.61	4.86	27.47	<=30	Pass
	1732.5	1	0	22.58	4.86	27.44	<=30	Pass
			25	23.59	4.86	28.45	<=30	Pass
			49	23.60	4.86	28.46	<=30	Pass
		25	0	23.62	4.86	28.48	<=30	Pass
			13	22.58	4.86	27.44	<=30	Pass
			25	22.65	4.86	27.51	<=30	Pass
16QAM	1750	1	0	22.64	4.86	27.50	<=30	Pass
			25	22.64	4.86	27.50	<=30	Pass
			49	23.59	4.86	28.45	<=30	Pass
		25	0	23.79	4.86	28.65	<=30	Pass
			13	23.70	4.86	28.56	<=30	Pass
			25	22.67	4.86	27.53	<=30	Pass
	1715	1	0	22.73	4.86	27.59	<=30	Pass
			25	22.81	4.86	27.67	<=30	Pass
			49	22.64	4.86	27.55	<=30	Pass
		25	0	22.79	4.86	27.65	<=30	Pass
			13	22.44	4.86	27.30	<=30	Pass
			25	22.72	4.86	27.58	<=30	Pass
	1732.5	1	0	21.63	4.86	26.49	<=30	Pass
			25	21.58	4.86	26.44	<=30	Pass
			49	21.68	4.86	26.54	<=30	Pass
		25	0	21.67	4.86	26.53	<=30	Pass
			13	22.76	4.86	27.62	<=30	Pass
			25	22.79	4.86	27.65	<=30	Pass
		1	0	22.70	4.86	27.56	<=30	Pass
			25	21.60	4.86	26.46	<=30	Pass
			49	21.67	4.86	26.53	<=30	Pass
		25	0	21.62	4.86	26.48	<=30	Pass
			13	21.66	4.86	26.52	<=30	Pass
			25	21.66	4.86	26.52	<=30	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](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057

t (86-755) 26012053

[www.sgsgroup.com.cn](http://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



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

1750	1	0	22.75	4.86	27.61	<=30	Pass	
		25	22.88	4.86	27.74	<=30	Pass	
		49	22.93	4.86	27.79	<=30	Pass	
	25	0	21.70	4.86	26.56	<=30	Pass	
		13	21.74	4.86	26.60	<=30	Pass	
		25	21.83	4.86	26.69	<=30	Pass	
		50	0	21.75	4.86	26.61	<=30	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							

### 1.1.5 B4\_15MHz\_EIRP

Band: 4 / Bandwidth: 15MHz / NTVN									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1717.5	1	0	23.39	4.86	28.25	<=30	Pass	
			38	23.37	4.86	28.23	<=30	Pass	
			74	23.35	4.86	28.21	<=30	Pass	
		36	0	22.47	4.86	27.33	<=30	Pass	
			18	22.39	4.86	27.25	<=30	Pass	
			39	22.52	4.86	27.38	<=30	Pass	
	1732.5	75	0	22.47	4.86	27.33	<=30	Pass	
		1	0	23.59	4.86	28.45	<=30	Pass	
			38	23.43	4.86	28.29	<=30	Pass	
			74	23.42	4.86	28.28	<=30	Pass	
		36	0	22.44	4.86	27.30	<=30	Pass	
			18	22.43	4.86	27.29	<=30	Pass	
			39	22.48	4.86	27.34	<=30	Pass	
16QAM	1717.5	1	75	0	22.50	4.86	27.36	<=30	Pass
			0	23.48	4.86	28.34	<=30	Pass	
			38	23.63	4.86	28.49	<=30	Pass	
		36	74	23.64	4.86	28.50	<=30	Pass	
			0	22.51	4.86	27.37	<=30	Pass	
			18	22.60	4.86	27.46	<=30	Pass	
		75	39	22.66	4.86	27.52	<=30	Pass	
			0	22.53	4.86	27.39	<=30	Pass	
			0	22.74	4.86	27.60	<=30	Pass	
		1	38	22.42	4.86	27.28	<=30	Pass	
			74	22.71	4.86	27.57	<=30	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](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

1732.5	36	0	21.47	4.86	26.33	<=30	Pass
		18	21.52	4.86	26.38	<=30	Pass
		39	21.51	4.86	26.37	<=30	Pass
		75	0	4.86	26.39	<=30	Pass
	36	0	22.66	4.86	27.52	<=30	Pass
		38	22.67	4.86	27.53	<=30	Pass
		74	22.60	4.86	27.46	<=30	Pass
		0	21.48	4.86	26.34	<=30	Pass
		18	21.44	4.86	26.30	<=30	Pass
		39	21.51	4.86	26.37	<=30	Pass
	1747.5	75	0	4.86	26.39	<=30	Pass
		0	22.70	4.86	27.56	<=30	Pass
		38	22.77	4.86	27.63	<=30	Pass
		74	22.81	4.86	27.67	<=30	Pass
		0	21.55	4.86	26.41	<=30	Pass
		18	21.57	4.86	26.43	<=30	Pass
		39	21.68	4.86	26.54	<=30	Pass
		75	0	4.86	26.44	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.6 B4\_20MHz\_EIRP

Band: 4 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.46	4.86	28.32	<=30	Pass
			50	23.54	4.86	28.40	<=30	Pass
			99	23.39	4.86	28.25	<=30	Pass
		50	0	22.51	4.86	27.37	<=30	Pass
			25	22.58	4.86	27.44	<=30	Pass
			50	22.50	4.86	27.36	<=30	Pass
		100	0	22.52	4.86	27.38	<=30	Pass
	1732.5	1	0	23.54	4.86	28.40	<=30	Pass
			50	23.48	4.86	28.34	<=30	Pass
			99	23.39	4.86	28.25	<=30	Pass
		50	0	22.49	4.86	27.35	<=30	Pass
			25	22.56	4.86	27.42	<=30	Pass
			50	22.51	4.86	27.37	<=30	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](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

	1745	100	0	22.54	4.86	27.40	<=30	Pass
		0	23.46	4.86	28.32	<=30	Pass	
		1	50	23.60	4.86	28.46	<=30	Pass
		99	23.66	4.86	28.52	<=30	Pass	
		50	0	22.50	4.86	27.36	<=30	Pass
			25	22.61	4.86	27.47	<=30	Pass
			50	22.65	4.86	27.51	<=30	Pass
			100	0	22.59	4.86	27.45	<=30
16QAM	1720	0	22.59	4.86	27.45	<=30	Pass	
		1	50	22.72	4.86	27.58	<=30	Pass
		99	22.58	4.86	27.44	<=30	Pass	
		50	0	21.49	4.86	26.35	<=30	Pass
			25	21.57	4.86	26.43	<=30	Pass
			50	21.54	4.86	26.40	<=30	Pass
			100	0	21.58	4.86	26.44	<=30
	1732.5	0	22.54	4.86	27.40	<=30	Pass	
		1	50	22.59	4.86	27.45	<=30	Pass
		99	22.50	4.86	27.36	<=30	Pass	
		50	0	21.51	4.86	26.37	<=30	Pass
			25	21.56	4.86	26.42	<=30	Pass
			50	21.52	4.86	26.38	<=30	Pass
			100	0	21.55	4.86	26.41	<=30
	1745	0	22.96	4.86	27.82	<=30	Pass	
		1	50	22.84	4.86	27.70	<=30	Pass
		99	22.82	4.86	27.68	<=30	Pass	
		50	0	21.51	4.86	26.37	<=30	Pass
			25	21.63	4.86	26.49	<=30	Pass
			50	21.64	4.86	26.50	<=30	Pass
			100	0	21.64	4.86	26.50	<=30

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B4\_1.4MHz

Band: 4 / Bandwidth: 1.4MHz
-----------------------------



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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1710.7	6	0	20	3.27	-17.223	-0.0101	-2.5 to 2.5	Pass	
					3.85	-17.395	-0.0102	-2.5 to 2.5	Pass	
					4.43	-13.447	-0.0079	-2.5 to 2.5	Pass	
					-30	3.85	-9.556	-0.0056	-2.5 to 2.5	Pass
					-20	3.85	-6.638	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-5.136	-0.0030	-2.5 to 2.5	Pass	
					0	3.85	-3.705	-0.0022	-2.5 to 2.5	Pass
					10	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
					30	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
					40	3.85	-1.302	-0.0008	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-8.469	-0.0049	-2.5 to 2.5	Pass	
					3.85	-5.193	-0.0030	-2.5 to 2.5	Pass	
					4.43	-3.433	-0.0020	-2.5 to 2.5	Pass	
				-30	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass	
					-20	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	-10	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
					0	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
					10	3.85	-4.892	-0.0028	-2.5 to 2.5	Pass
					30	3.85	-6.251	-0.0036	-2.5 to 2.5	Pass
					40	3.85	-7.997	-0.0046	-2.5 to 2.5	Pass
				-50	50	3.85	-11.144	-0.0064	-2.5 to 2.5	Pass
					3.27	-18.439	-0.0105	-2.5 to 2.5	Pass	
					3.85	-18.468	-0.0105	-2.5 to 2.5	Pass	
					4.43	-16.694	-0.0095	-2.5 to 2.5	Pass	
					-30	3.85	-13.762	-0.0078	-2.5 to 2.5	Pass
					-20	3.85	-8.798	-0.0050	-2.5 to 2.5	Pass
					-10	3.85	-5.980	-0.0034	-2.5 to 2.5	Pass
					0	3.85	-5.336	-0.0030	-2.5 to 2.5	Pass
					10	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
					30	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
					40	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
					50	3.85	-1.473	-0.0008	-2.5 to 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 <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](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



	1732.5	6	0	-30	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
				0	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				10	3.85	1.559	0.0009	-2.5 to 2.5	Pass
				30	3.85	1.860	0.0011	-2.5 to 2.5	Pass
				40	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				20	3.27	-16.093	-0.0093	-2.5 to 2.5	Pass
					3.85	-18.153	-0.0105	-2.5 to 2.5	Pass
					4.43	-17.695	-0.0102	-2.5 to 2.5	Pass
					-30	3.85	-16.966	-0.0098	-2.5 to 2.5
				-20	3.85	-12.231	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-8.426	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-5.221	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-6.251	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-4.148	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-1.903	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.403	-0.0014	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	0.014	0.0000	-2.5 to 2.5	Pass
					3.85	-0.973	-0.0006	-2.5 to 2.5	Pass
					4.43	0.944	0.0005	-2.5 to 2.5	Pass
					-30	3.85	-1.645	-0.0009	-2.5 to 2.5
				-20	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.958	0.0005	-2.5 to 2.5	Pass
				30	3.85	1.831	0.0010	-2.5 to 2.5	Pass
				40	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.644	0.0004	-2.5 to 2.5	Pass

### 2.1.2 B4\_3MHz

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	-1.245	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.059	-0.0006	-2.5 to 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 <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 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 sgs.china@sgs.com



				4.43	-0.458	-0.0003	-2.5 to 2.5	Pass	
				-30	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.973	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.130	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
1732.5	15	0	20	3.27	0.916	0.0005	-2.5 to 2.5	Pass	
				3.85	0.658	0.0004	-2.5 to 2.5	Pass	
				4.43	0.257	0.0001	-2.5 to 2.5	Pass	
			-30	3.85	1.216	0.0007	-2.5 to 2.5	Pass	
			-20	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass	
			-10	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass	
			0	3.85	0.014	0.0000	-2.5 to 2.5	Pass	
			10	3.85	0.558	0.0003	-2.5 to 2.5	Pass	
			30	3.85	1.073	0.0006	-2.5 to 2.5	Pass	
			40	3.85	0.315	0.0002	-2.5 to 2.5	Pass	
			50	3.85	0.815	0.0005	-2.5 to 2.5	Pass	
			20	3.27	0.801	0.0005	-2.5 to 2.5	Pass	
				3.85	0.114	0.0001	-2.5 to 2.5	Pass	
				4.43	1.230	0.0007	-2.5 to 2.5	Pass	
1753.5	15	0	-30	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass	
			-20	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass	
			-10	3.85	1.903	0.0011	-2.5 to 2.5	Pass	
			0	3.85	0.243	0.0001	-2.5 to 2.5	Pass	
			10	3.85	0.086	0.0000	-2.5 to 2.5	Pass	
			30	3.85	0.687	0.0004	-2.5 to 2.5	Pass	
			40	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass	
			50	3.85	0.200	0.0001	-2.5 to 2.5	Pass	
			20	3.27	-0.172	-0.0001	-2.5 to 2.5	Pass	
				3.85	-1.631	-0.0010	-2.5 to 2.5	Pass	
				4.43	-1.545	-0.0009	-2.5 to 2.5	Pass	
16QAM	1711.5	15	-30	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass	
			-20	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass	
			-10	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass	
			0	3.85	-0.057	0.0000	-2.5 to 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 <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](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



	1732.5	15	0	10	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass		
				30	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass		
				40	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass		
				50	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass		
				20	3.27	0.300	0.0002	-2.5 to 2.5	Pass		
					3.85	0.186	0.0001	-2.5 to 2.5	Pass		
					4.43	1.330	0.0008	-2.5 to 2.5	Pass		
					-30	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass	
					-20	3.85	1.159	0.0007	-2.5 to 2.5	Pass	
				0	-10	3.85	0.372	0.0002	-2.5 to 2.5	Pass	
					0	3.85	1.330	0.0008	-2.5 to 2.5	Pass	
					10	3.85	0.215	0.0001	-2.5 to 2.5	Pass	
					30	3.85	0.916	0.0005	-2.5 to 2.5	Pass	
					40	3.85	1.330	0.0008	-2.5 to 2.5	Pass	
				1753.5	50	3.85	-0.057	0.0000	-2.5 to 2.5	Pass	
					20	3.27	-0.286	-0.0002	-2.5 to 2.5	Pass	
						3.85	-0.329	-0.0002	-2.5 to 2.5	Pass	
						4.43	0.043	0.0000	-2.5 to 2.5	Pass	
						-30	3.85	0.415	0.0002	-2.5 to 2.5	Pass
					0	-20	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
						-10	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
						0	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
						10	3.85	0.758	0.0004	-2.5 to 2.5	Pass
						30	3.85	-0.458	-0.0003	-2.5 to 2.5	Pass
					15	40	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
						50	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass

### 2.1.3 B4\_5MHz

Modulation	Frequency (MHz)	Band: 4 / Bandwidth: 5MHz				Freq. vs. Rated (ppm)	Verdict			
		RB Allocation		Temp. (°C)	Voltage (VDC)					
		Size	Offset		Result	Limit				
QPSK	1712.5	25	0	20	3.27	-2.131	-0.0012	-2.5 to 2.5	Pass	
					3.85	-1.774	-0.0010	-2.5 to 2.5	Pass	
					4.43	-1.388	-0.0008	-2.5 to 2.5	Pass	
					-30	3.85	-0.944	-0.0006	-2.5 to 2.5	Pass
					-20	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.674	-0.0010	-2.5 to 2.5	Pass	
					3.85	-1.674	-0.0010	-2.5 to 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 <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](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



				0	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.316	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-1.788	-0.0010	-2.5 to 2.5	Pass
					3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
					4.43	-1.817	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-0.472	-0.0003	-2.5 to 2.5	Pass
					3.85	0.830	0.0005	-2.5 to 2.5	Pass
					4.43	-0.787	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-1.760	-0.0010	-2.5 to 2.5	Pass
					3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.273	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.944	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.316	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				40	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.343	-0.0002	-2.5 to 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 <https://www.sps.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

and 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. Any sample(s) retained for 30 days or less, or any sample(s) retained for more than 30 days, will be destroyed. If you require a copy of the test report, inspection report or certificate, please contact us at telephone: (86-755) 8207 1443.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755)8507 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 | t (86-755) 26012053 | [www.sgsgroup.com.cn](http://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 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Member of the SAS Group (SAS SE)



1732.5	25	0	20	3.27	-1.674	-0.0010	-2.5 to 2.5	Pass	
				3.85	-0.873	-0.0005	-2.5 to 2.5	Pass	
				4.43	-1.416	-0.0008	-2.5 to 2.5	Pass	
				-30	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
			0	-10	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
			20	3.27	-0.944	-0.0005	-2.5 to 2.5	Pass	
				3.85	0.100	0.0001	-2.5 to 2.5	Pass	
				4.43	-0.572	-0.0003	-2.5 to 2.5	Pass	
				-30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				30	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.458	-0.0003	-2.5 to 2.5	Pass

#### 2.1.4 B4\_10MHz

Modulation	Frequency (MHz)	Band: 4 / Bandwidth: 10MHz							
		RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-0.257	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.701	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.601	0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.401	-0.0002	-2.5 to 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 <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 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 sgs.china@sgs.com

				50	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass	
1732.5	50	0		20	3.27	-1.302	-0.0008	-2.5 to 2.5	Pass	
					3.85	-2.031	-0.0012	-2.5 to 2.5	Pass	
					4.43	-1.073	-0.0006	-2.5 to 2.5	Pass	
					-30	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass	
					-10	3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
					0	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
					10	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
					30	3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
					40	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass	
1750	50	0	20	3.27	-1.645	-0.0009	-2.5 to 2.5	Pass		
					3.85	-1.144	-0.0007	-2.5 to 2.5	Pass	
					4.43	-1.402	-0.0008	-2.5 to 2.5	Pass	
					-30	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
			-20	3.85	-0.973	-0.0006	-2.5 to 2.5	Pass		
				-10	3.85	-1.187	-0.0007	-2.5 to 2.5	Pass	
				0	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass	
				10	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass	
				30	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass	
				40	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass	
			50	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass		
16QAM	50	0	20	3.27	0.300	0.0002	-2.5 to 2.5	Pass		
					3.85	-0.601	-0.0004	-2.5 to 2.5	Pass	
					4.43	0.443	0.0003	-2.5 to 2.5	Pass	
					-30	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
			-20	3.85	0.057	0.0000	-2.5 to 2.5	Pass		
				-10	3.85	0.987	0.0006	-2.5 to 2.5	Pass	
				0	3.85	0.172	0.0001	-2.5 to 2.5	Pass	
				10	3.85	1.187	0.0007	-2.5 to 2.5	Pass	
				30	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass	
				40	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass	
			50	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass		
	1732.5	0	20	3.27	-1.388	-0.0008	-2.5 to 2.5	Pass		
					3.85	-2.046	-0.0012	-2.5 to 2.5	Pass	
				4.43	-2.017	-0.0012	-2.5 to 2.5	Pass		
			-30	3.85	-1.144	-0.0007	-2.5 to 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 <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](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



	1750	50		-20	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
			0	20	3.27	-0.873	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.674	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass

### 2.1.5 B4\_15MHz

Modulation	Frequency (MHz)	Band: 4 / Bandwidth: 15MHz						Verdict	
		RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-1.159	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.458	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.472	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-0.858	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
					4.43	-1.073	-0.0006	-2.5 to 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 <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 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 sgs.china@sgs.com

	1747.5	75	0	-30	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass	
				-20	3.85	-1.159	-0.0007	-2.5 to 2.5	Pass	
				-10	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass	
				0	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass	
				10	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass	
				30	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass	
				40	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass	
				50	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass	
				20	3.27	-1.359	-0.0008	-2.5 to 2.5	Pass	
					3.85	-1.116	-0.0006	-2.5 to 2.5	Pass	
					4.43	-1.688	-0.0010	-2.5 to 2.5	Pass	
					-30	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
					-20	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass	
				0	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass	
				10	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass	
				30	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass	
				40	3.85	-1.502	-0.0009	-2.5 to 2.5	Pass	
				50	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass	
16QAM	1717.5	75	0	20	3.27	-1.588	-0.0009	-2.5 to 2.5	Pass	
					3.85	-1.302	-0.0008	-2.5 to 2.5	Pass	
					4.43	-1.559	-0.0009	-2.5 to 2.5	Pass	
					-30	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
					-20	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass	
				0	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass	
				10	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass	
				30	3.85	-1.502	-0.0009	-2.5 to 2.5	Pass	
				40	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass	
				50	3.85	-2.260	-0.0013	-2.5 to 2.5	Pass	
	1732.5	75	0	20	3.27	-0.801	-0.0005	-2.5 to 2.5	Pass	
					3.85	-0.901	-0.0005	-2.5 to 2.5	Pass	
					4.43	-0.515	-0.0003	-2.5 to 2.5	Pass	
				-30	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass	
				-20	3.85	-1.302	-0.0008	-2.5 to 2.5	Pass	
				-10	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass	
				0	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass	
				10	3.85	-1.030	-0.0006	-2.5 to 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 <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](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



	1747.5	75	0	30	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass	
				40	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass	
				50	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass	
				20	3.27	-1.173	-0.0007	-2.5 to 2.5	Pass	
					3.85	-1.302	-0.0007	-2.5 to 2.5	Pass	
					4.43	-0.629	-0.0004	-2.5 to 2.5	Pass	
					-30	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
					-20	3.85	-1.330	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass	
					0	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
					10	3.85	0.129	0.0001	-2.5 to 2.5	Pass
					30	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
					40	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
					50	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass

### 2.1.6 B4\_20MHz

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-1.187	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.515	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
					3.85	-1.659	-0.0010	-2.5 to 2.5	Pass
					-10	-2.332	-0.0014	-2.5 to 2.5	Pass
					0	-0.572	-0.0003	-2.5 to 2.5	Pass
					10	-0.043	0.0000	-2.5 to 2.5	Pass
					30	-1.616	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
					50	-1.559	-0.0009	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-0.758	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
					4.43	-0.830	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
					3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
					0	-0.358	-0.0002	-2.5 to 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 <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](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



	1745	100	0	10	3.85	-0.615	-0.0004	-2.5 to 2.5	Pass	
				30	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass	
				40	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass	
				50	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass	
				20	3.27	-1.202	-0.0007	-2.5 to 2.5	Pass	
					3.85	-0.730	-0.0004	-2.5 to 2.5	Pass	
					4.43	-0.458	-0.0003	-2.5 to 2.5	Pass	
					-30	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
					-20	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass	
					0	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
					10	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
					30	3.85	0.114	0.0001	-2.5 to 2.5	Pass
					40	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				50	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass	
					3.27	-1.860	-0.0011	-2.5 to 2.5	Pass	
					3.85	-0.672	-0.0004	-2.5 to 2.5	Pass	
					4.43	-2.203	-0.0013	-2.5 to 2.5	Pass	
					-30	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
16QAM	1720	100	0	-20	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass	
					-10	3.85	-1.488	-0.0009	-2.5 to 2.5	Pass
					0	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
					10	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
					30	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass	
					50	3.85	-0.973	-0.0006	-2.5 to 2.5	Pass
					3.27	-0.100	-0.0001	-2.5 to 2.5	Pass	
					20	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.988	-0.0011	-2.5 to 2.5	Pass	
				-30	3.85	-2.089	-0.0012	-2.5 to 2.5	Pass	
					-20	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
					-10	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
					0	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
					10	3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass	
					40	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
					50	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
					1745	100	0	20	3.27	-0.486

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



				3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				4.43	-0.572	-0.0003	-2.5 to 2.5	Pass
			-30	3.85	0.043	0.0000	-2.5 to 2.5	Pass
			-20	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
			-10	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
			0	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
			10	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
			30	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
			40	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
			50	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band4\_OBW

Band: 4 / NTVN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.115	/	Pass
		1732.5	6	0	1.120	/	Pass
		1754.3	6	0	1.128	/	Pass
	16QAM	1710.7	6	0	1.121	/	Pass
		1732.5	6	0	1.126	/	Pass
		1754.3	6	0	1.122	/	Pass
3	QPSK	1711.5	15	0	2.759	/	Pass
		1732.5	15	0	2.763	/	Pass
		1753.5	15	0	2.749	/	Pass
	16QAM	1711.5	15	0	2.764	/	Pass
		1732.5	15	0	2.755	/	Pass
		1753.5	15	0	2.753	/	Pass
5	QPSK	1712.5	25	0	4.577	/	Pass
		1732.5	25	0	4.571	/	Pass
		1752.5	25	0	4.574	/	Pass
	16QAM	1712.5	25	0	4.585	/	Pass
		1732.5	25	0	4.589	/	Pass
		1752.5	25	0	4.592	/	Pass
10	QPSK	1715	50	0	9.105	/	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](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



	16QAM	1732.5	50	0	9.091	/	Pass
		1750	50	0	9.090	/	Pass
		1715	50	0	9.109	/	Pass
		1732.5	50	0	9.122	/	Pass
		1750	50	0	9.097	/	Pass
		1717.5	75	0	13.653	/	Pass
15	QPSK	1732.5	75	0	13.619	/	Pass
		1747.5	75	0	13.663	/	Pass
		1717.5	75	0	13.668	/	Pass
	16QAM	1732.5	75	0	13.642	/	Pass
		1747.5	75	0	13.643	/	Pass
		1720	100	0	18.182	/	Pass
20	QPSK	1732.5	100	0	18.127	/	Pass
		1745	100	0	18.206	/	Pass
		1720	100	0	18.175	/	Pass
	16QAM	1732.5	100	0	18.160	/	Pass
		1745	100	0	18.201	/	Pass

### 3.1.2 Band4\_XDB

Band: 4 / NTVN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.401	/	Pass
		1732.5	6	0	1.430	/	Pass
		1754.3	6	0	1.422	/	Pass
	16QAM	1710.7	6	0	1.393	/	Pass
		1732.5	6	0	1.381	/	Pass
		1754.3	6	0	1.406	/	Pass
3	QPSK	1711.5	15	0	3.105	/	Pass
		1732.5	15	0	3.127	/	Pass
		1753.5	15	0	3.130	/	Pass
	16QAM	1711.5	15	0	3.121	/	Pass
		1732.5	15	0	3.161	/	Pass
		1753.5	15	0	3.136	/	Pass
5	QPSK	1712.5	25	0	5.260	/	Pass
		1732.5	25	0	5.200	/	Pass
		1752.5	25	0	5.253	/	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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 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 sgs.china@sgs.com

	16QAM	1712.5	25	0	5.219	/	Pass
		1732.5	25	0	5.221	/	Pass
		1752.5	25	0	5.271	/	Pass
10	QPSK	1715	50	0	10.213	/	Pass
		1732.5	50	0	10.312	/	Pass
		1750	50	0	10.178	/	Pass
	16QAM	1715	50	0	10.168	/	Pass
		1732.5	50	0	10.126	/	Pass
		1750	50	0	10.253	/	Pass
15	QPSK	1717.5	75	0	15.376	/	Pass
		1732.5	75	0	15.196	/	Pass
		1747.5	75	0	15.153	/	Pass
	16QAM	1717.5	75	0	15.189	/	Pass
		1732.5	75	0	15.102	/	Pass
		1747.5	75	0	15.071	/	Pass
20	QPSK	1720	100	0	20.165	/	Pass
		1732.5	100	0	20.128	/	Pass
		1745	100	0	19.947	/	Pass
	16QAM	1720	100	0	20.237	/	Pass
		1732.5	100	0	20.046	/	Pass
		1745	100	0	20.104	/	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.

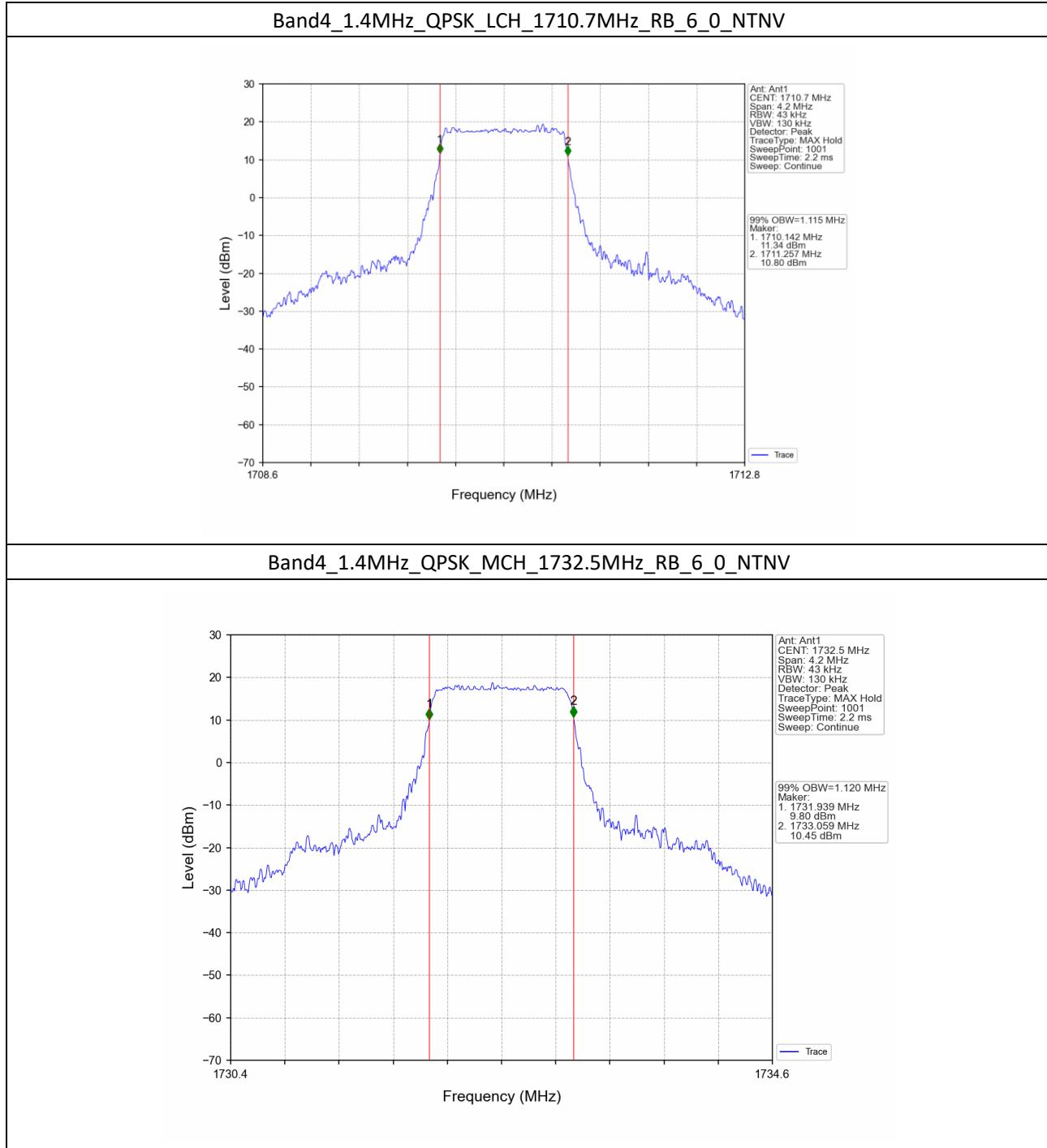
Attention: To check the authenticity of testing /Inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.DocCheck@sgs.com](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## 3.2 Test Graph

### 3.2.1 Band4\_OBW



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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057

t (86-755) 26012053

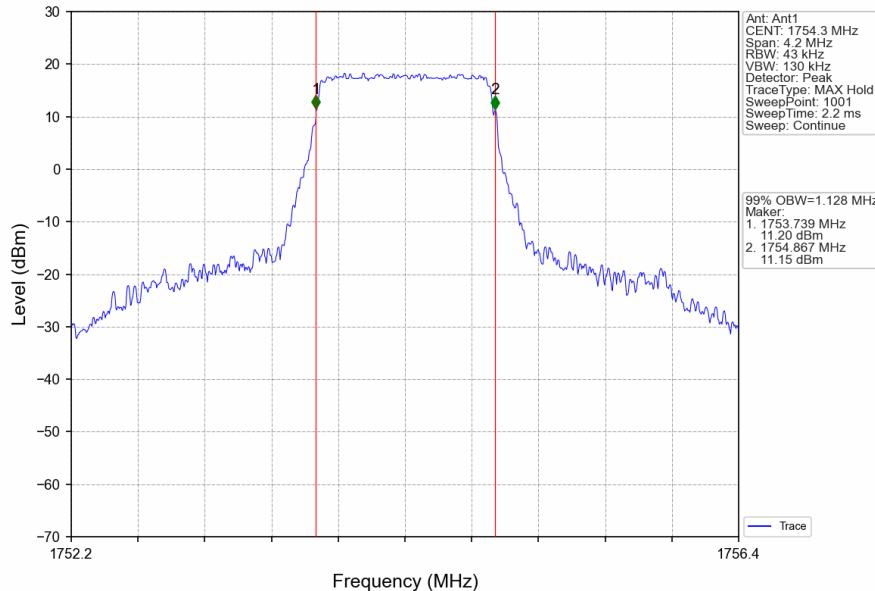
[www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)

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

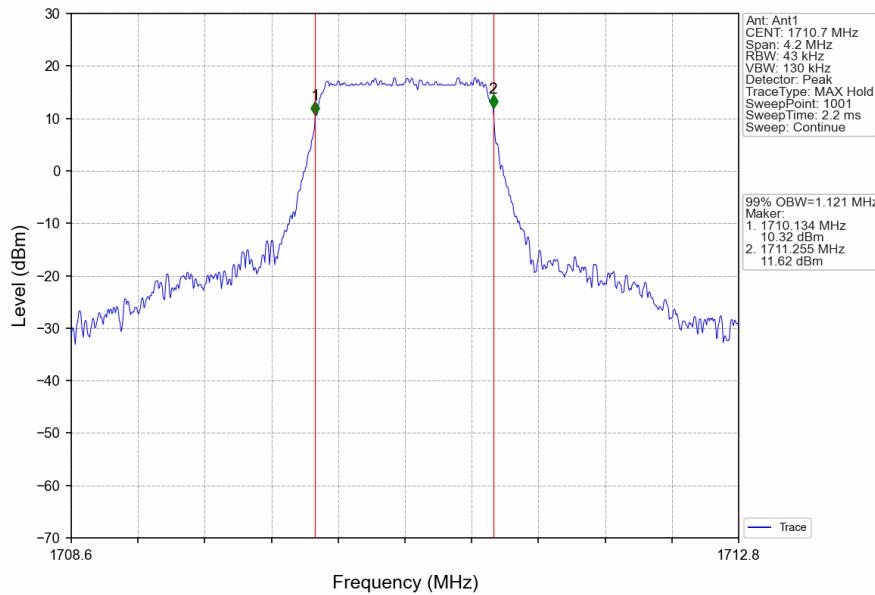
t (86-755) 26012053

[sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Band4\_1.4MHz\_QPSK\_HCH\_1754.3MHz\_RB\_6\_0\_NTNV



## Band4\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV

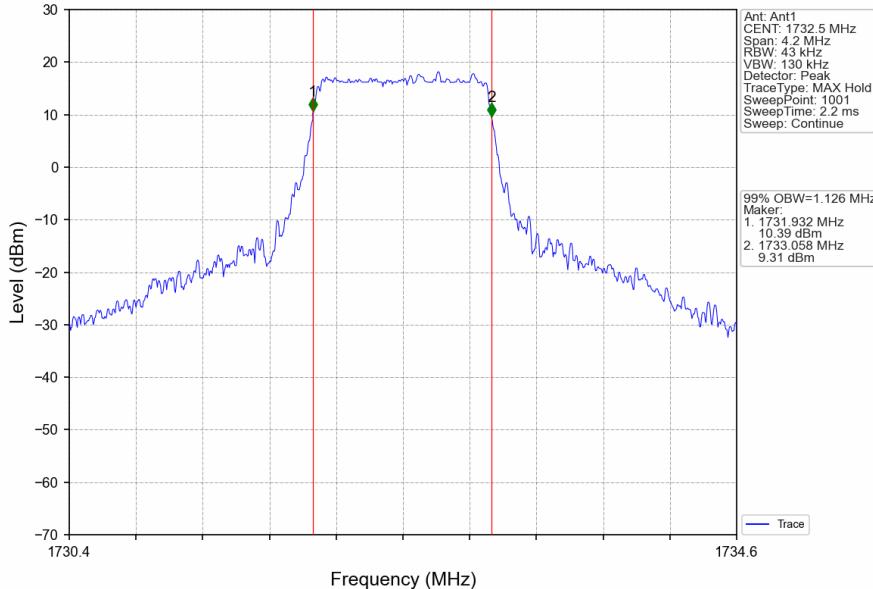
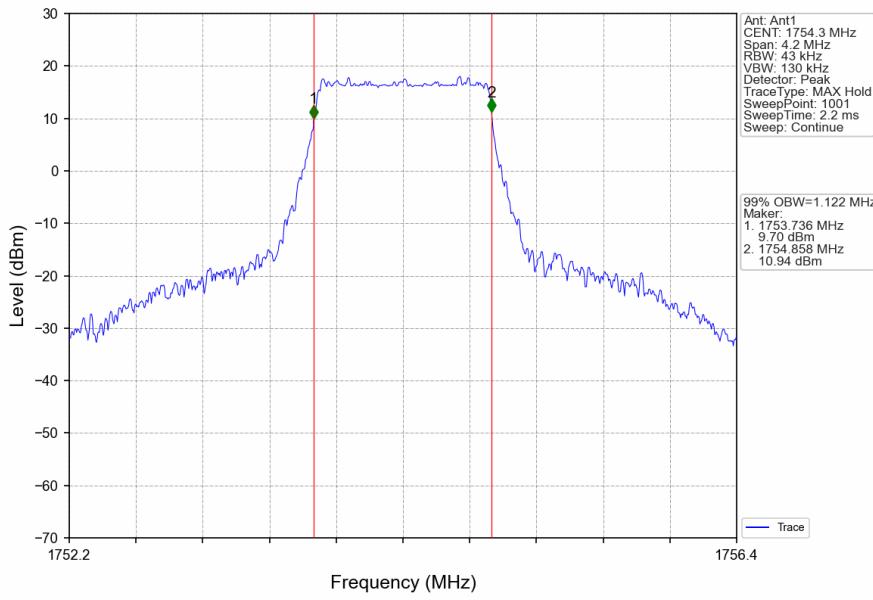


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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](mailto:CN.DocCheck@sgs.com)



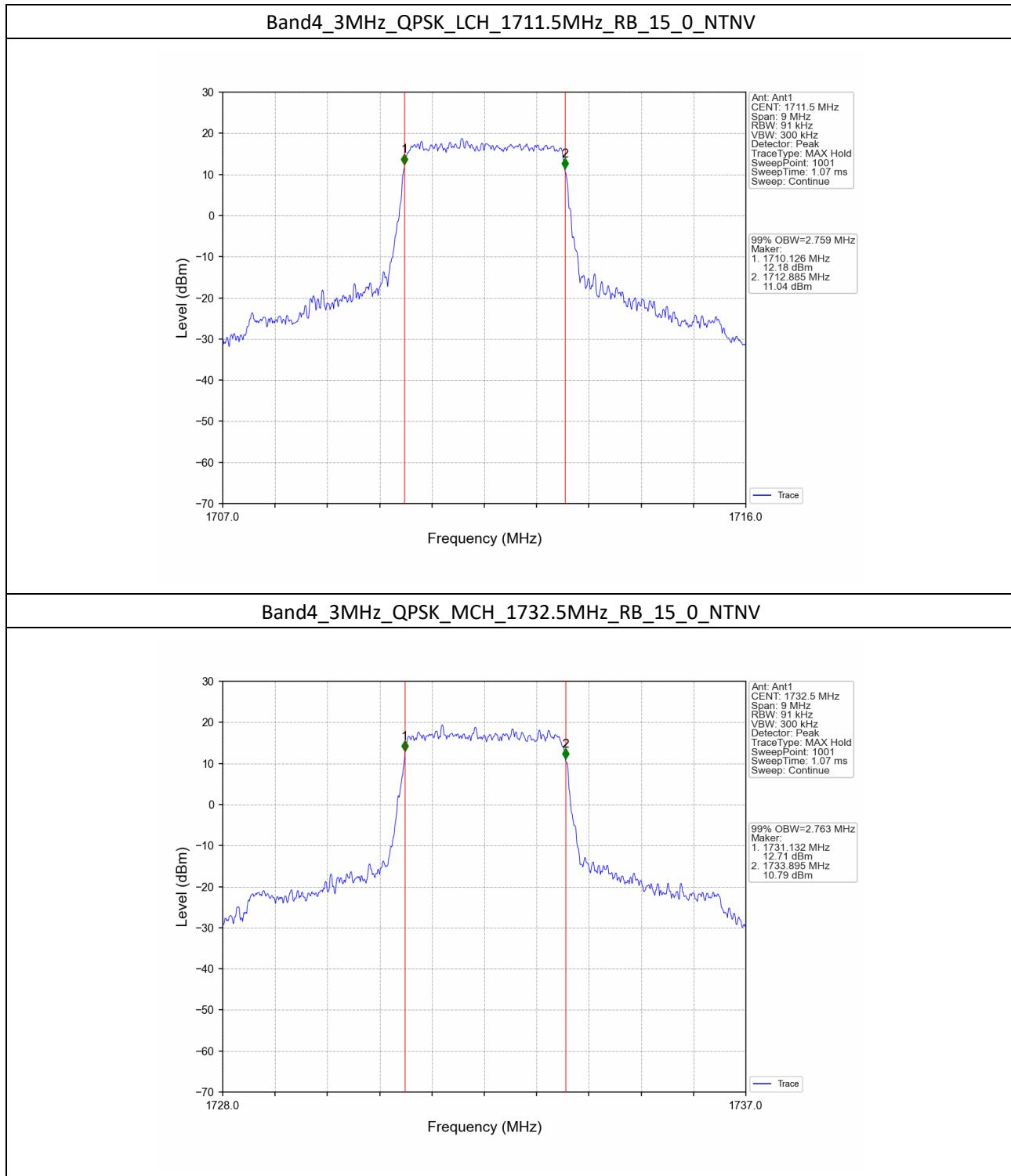
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

**Band4\_1.4MHz\_16QAM\_MCH\_1732.5MHz\_RB\_6\_0\_NTNV****Band4\_1.4MHz\_16QAM\_HCH\_1754.3MHz\_RB\_6\_0\_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](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



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.

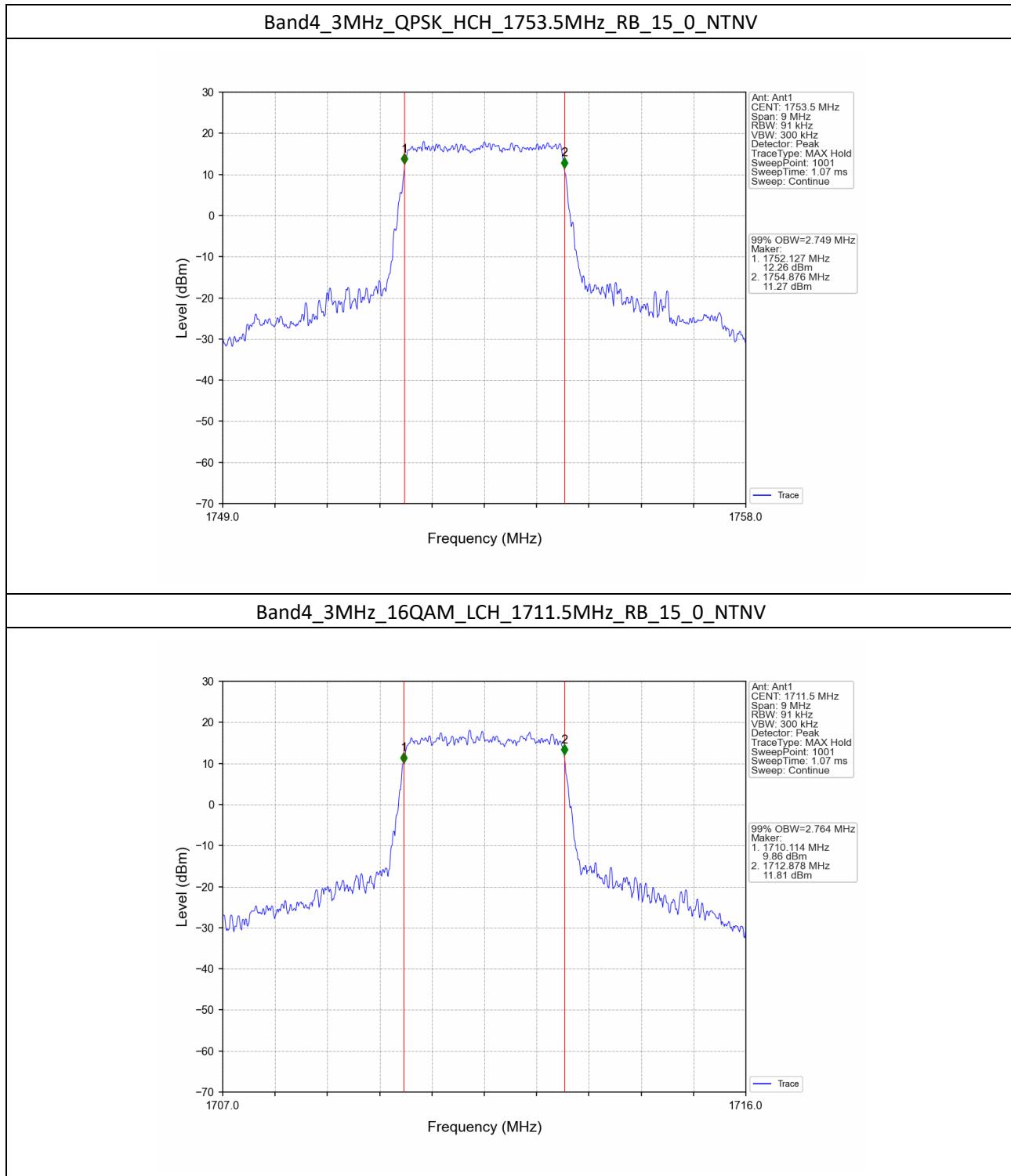
Attention: To check the authenticity of testing /Inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.DocCheck@sgs.com](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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

[sgs.china@sgs.com](mailto:sgs.china@sgs.com)



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.

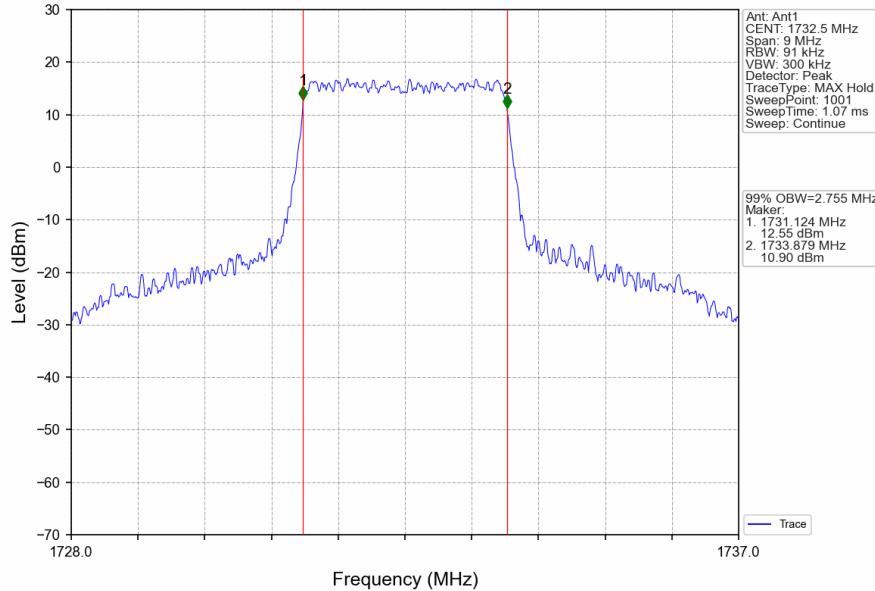
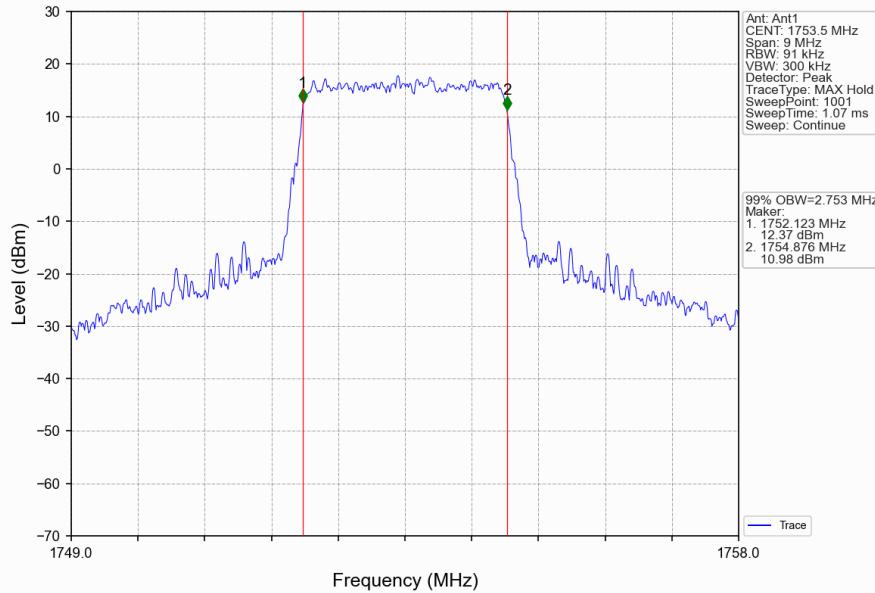
Attention: To check the authenticity of testing /Inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.DocCheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 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

sgs.china@sgs.com

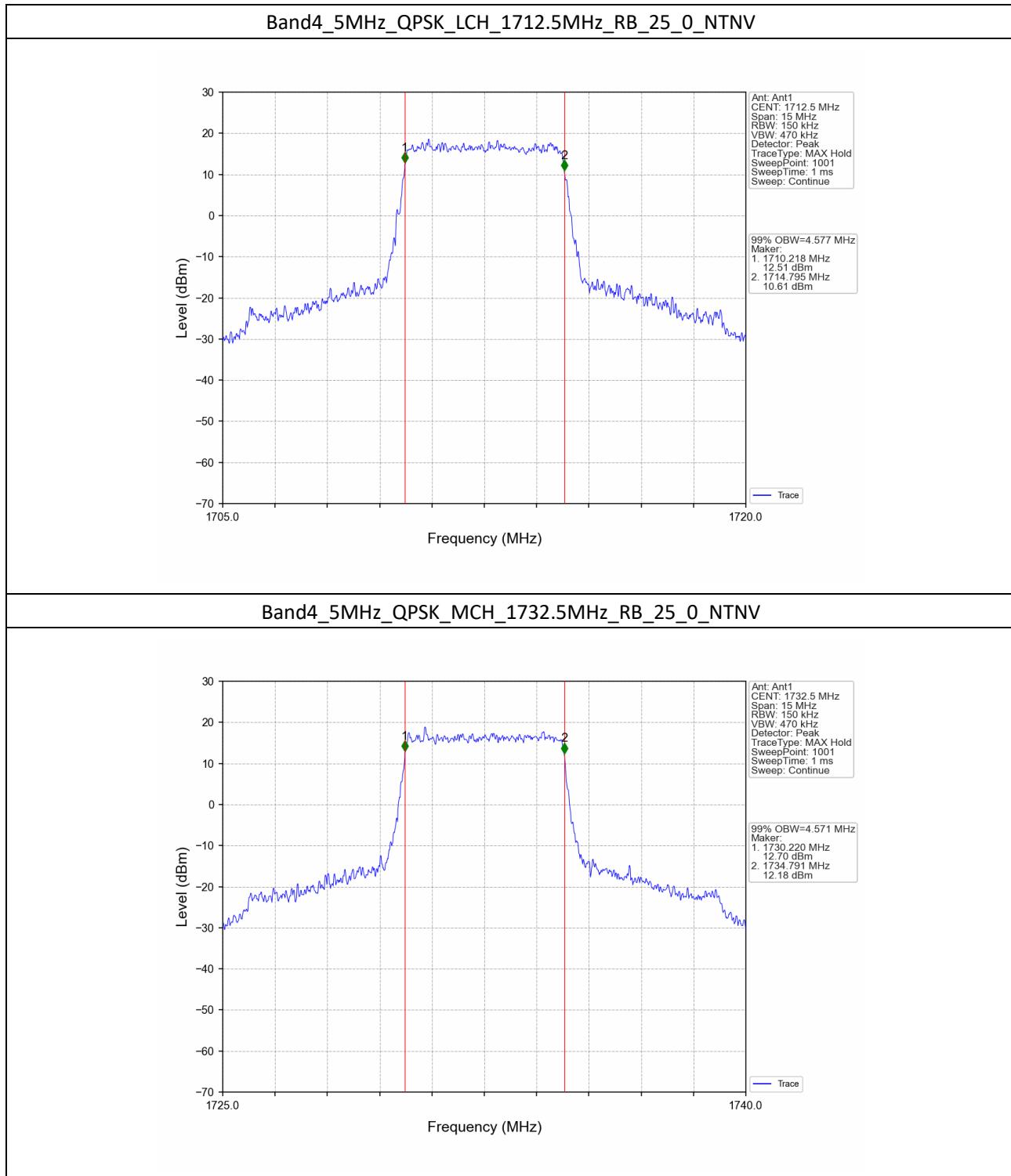
**Band4\_3MHz\_16QAM\_MCH\_1732.5MHz\_RB\_15\_0\_NTNV****Band4\_3MHz\_16QAM\_HCH\_1753.5MHz\_RB\_15\_0\_NTNV**

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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



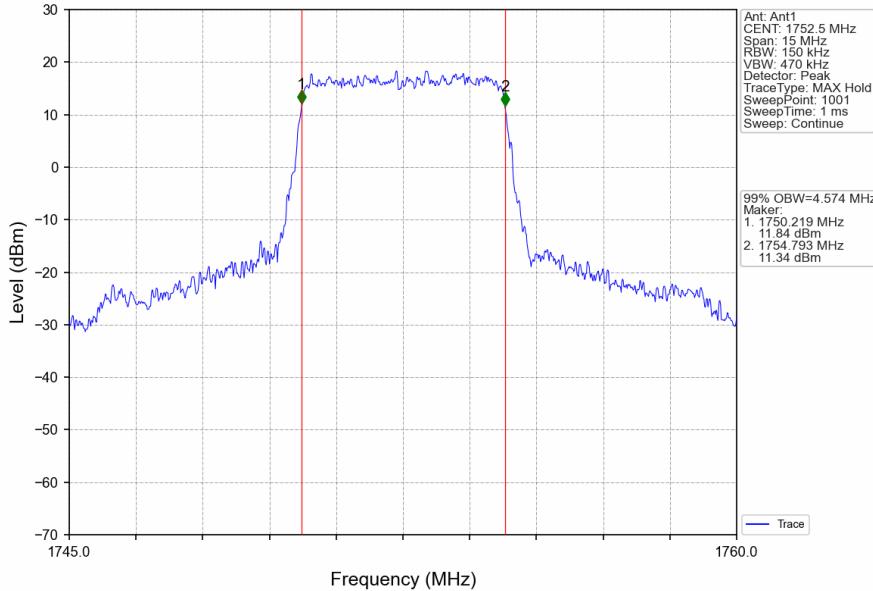
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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](mailto:CN.DocCheck@sgs.com)

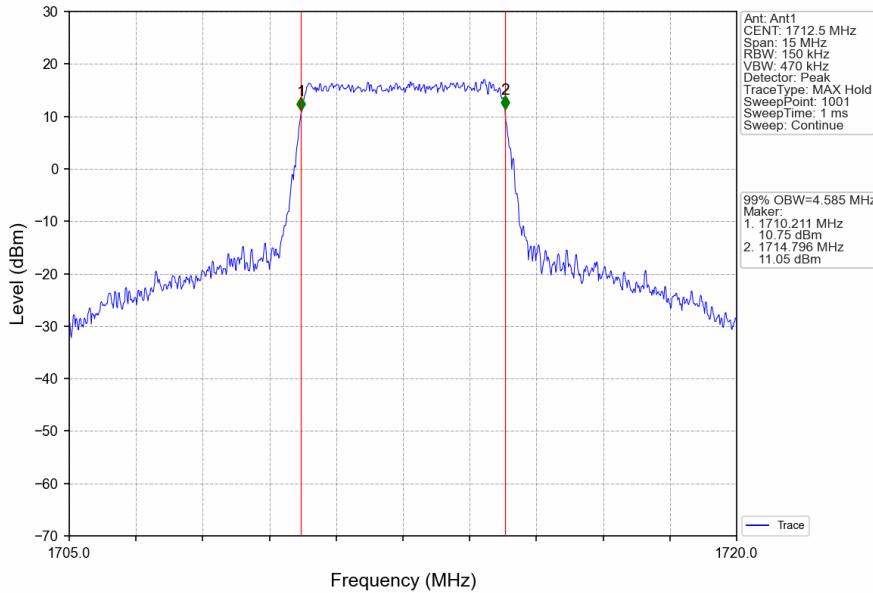
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)

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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_25\_0\_NTNV



## Band4\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_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

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

SGS-CSTC Standards Technical Services Co., Ltd.

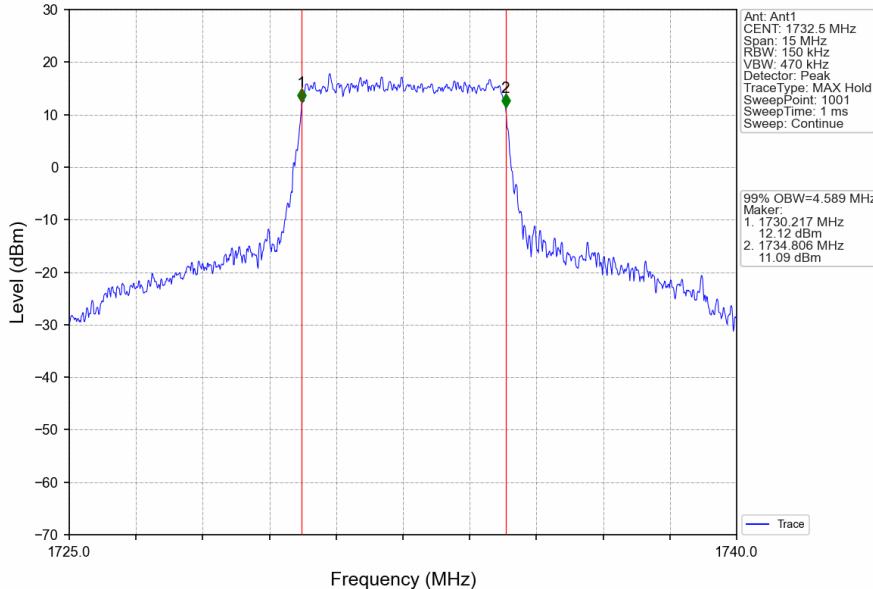
Shenzhen Branch, Shenzhen Wireless Laboratory

邮编: 518057 t (86-755) 26012053

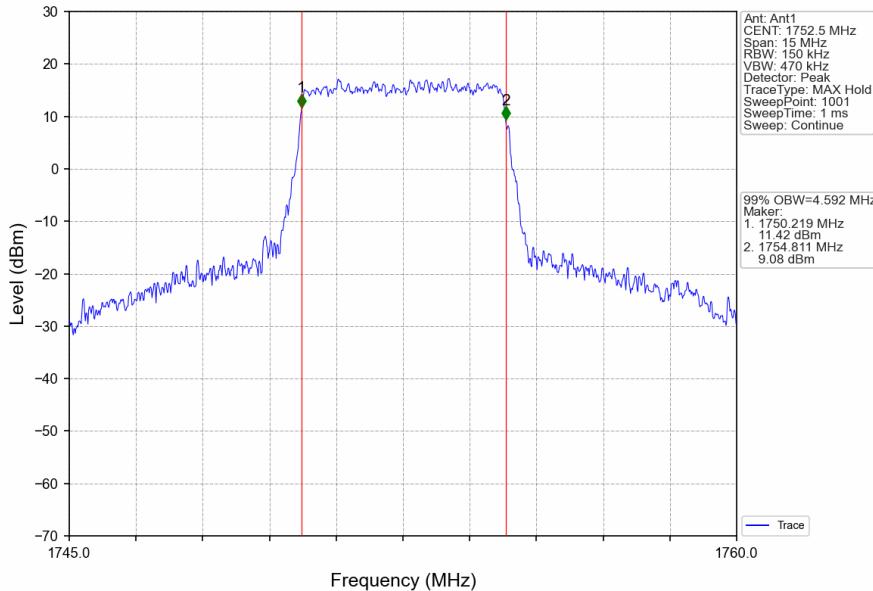
sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## Band4\_5MHz\_16QAM\_MCH\_1732.5MHz\_RB\_25\_0\_NTNV



## Band4\_5MHz\_16QAM\_HCH\_1752.5MHz\_RB\_25\_0\_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.

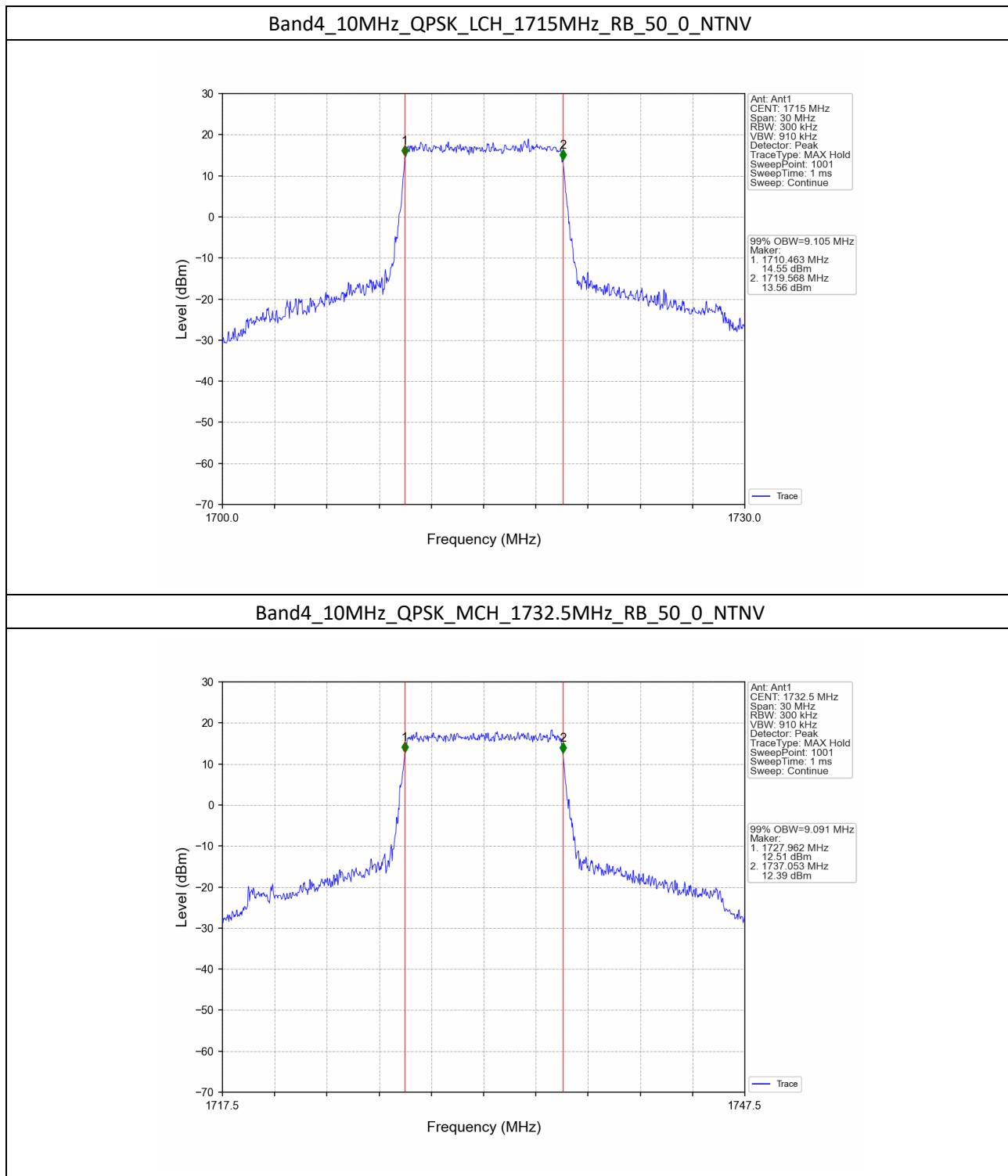
Attention: To check the authenticity of testing /Inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.DocCheck@sgs.com](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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

[sgs.china@sgs.com](mailto:sgs.china@sgs.com)



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.

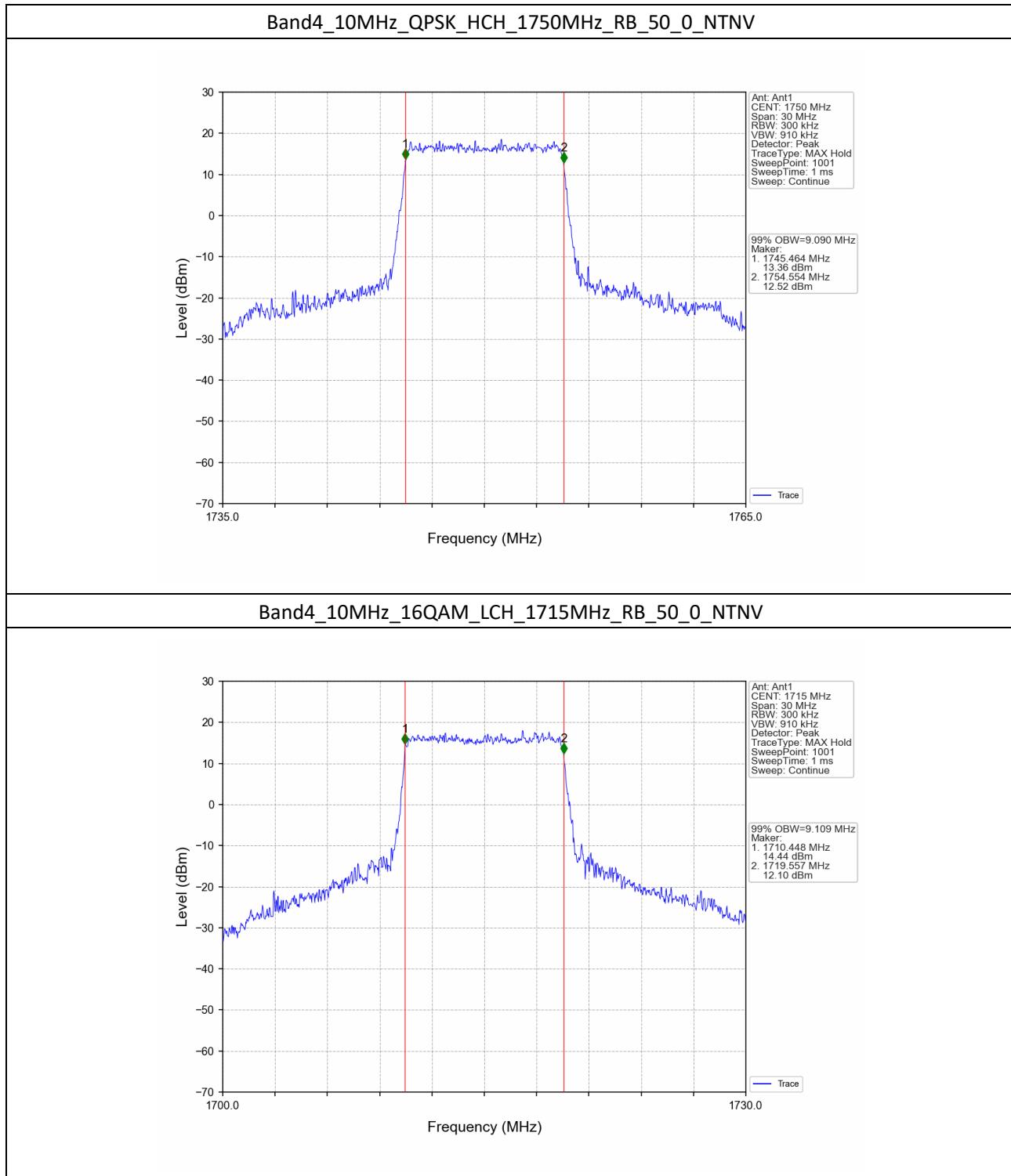
Attention: To check the authenticity of testing /Inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.DocCheck@sgs.com](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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

[sgs.china@sgs.com](mailto:sgs.china@sgs.com)



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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)

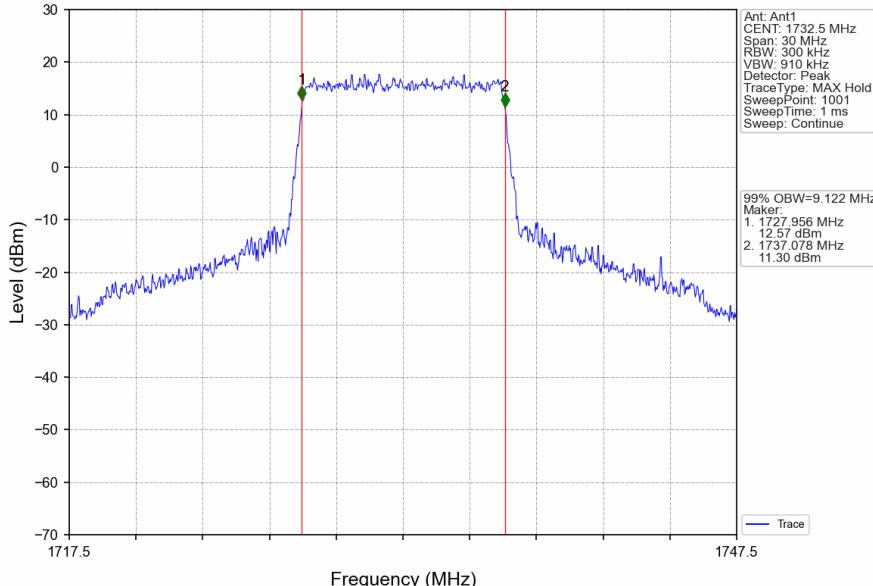
SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch, Shenzhen Wireless Laboratory

中国·广东·深圳市南山区科技园中区M-10栋1号厂房

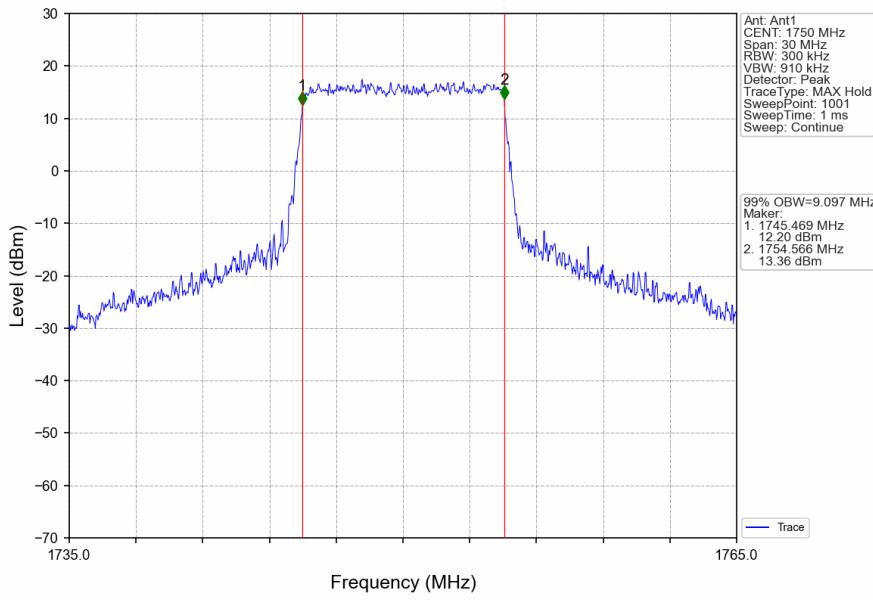
邮编: 518057 t (86-755) 26012053

[sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Band4\_10MHz\_16QAM\_MCH\_1732.5MHz\_RB\_50\_0\_NTNV



## Band4\_10MHz\_16QAM\_HCH\_1750MHz\_RB\_50\_0\_NTNV



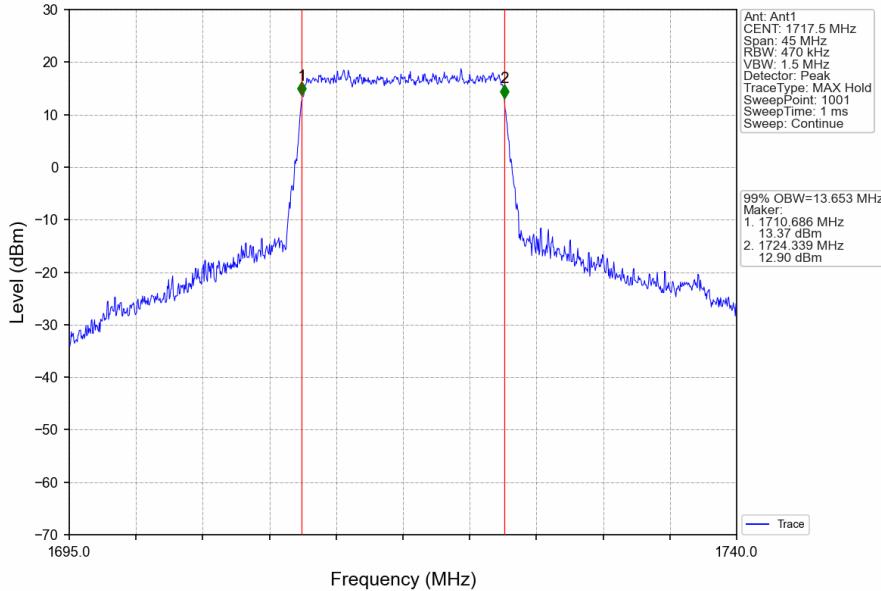
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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

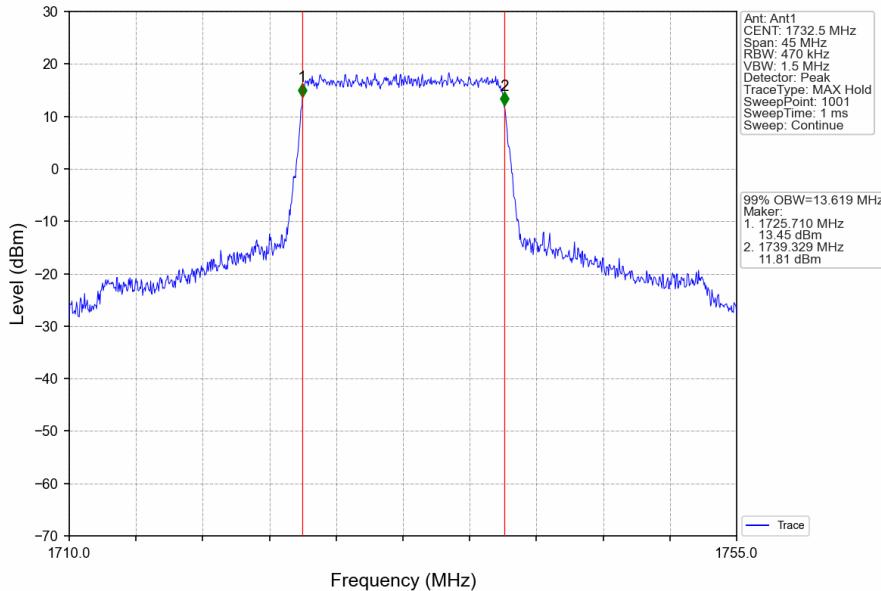
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn

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 sgs.china@sgs.com

## Band4\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



## Band4\_15MHz\_QPSK\_MCH\_1732.5MHz\_RB\_75\_0\_NTNV



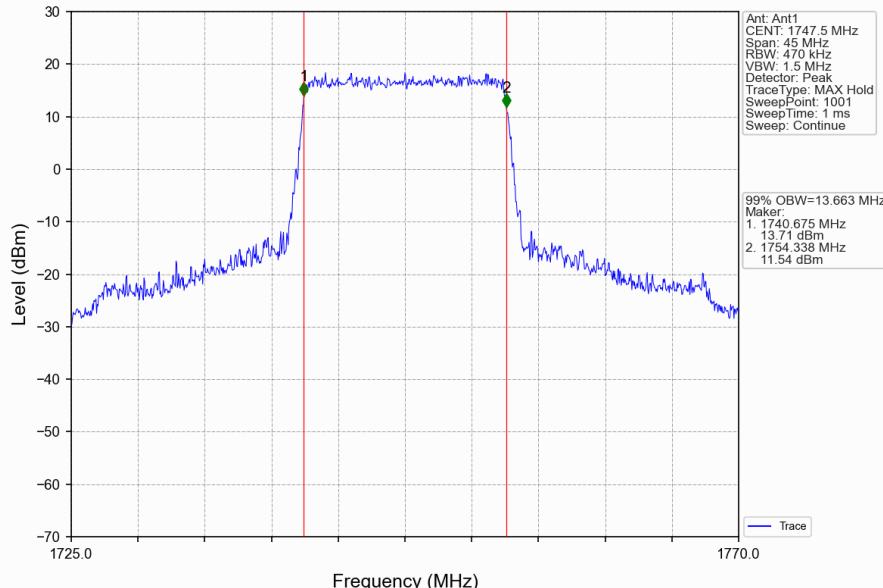
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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](mailto:CN.DocCheck@sgs.com)

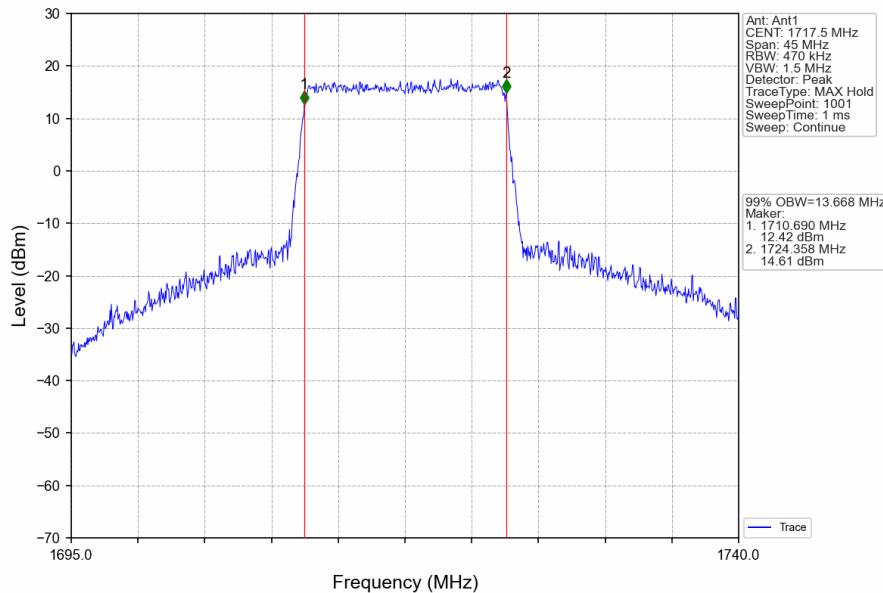


No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_75\_0\_NTNV



## Band4\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



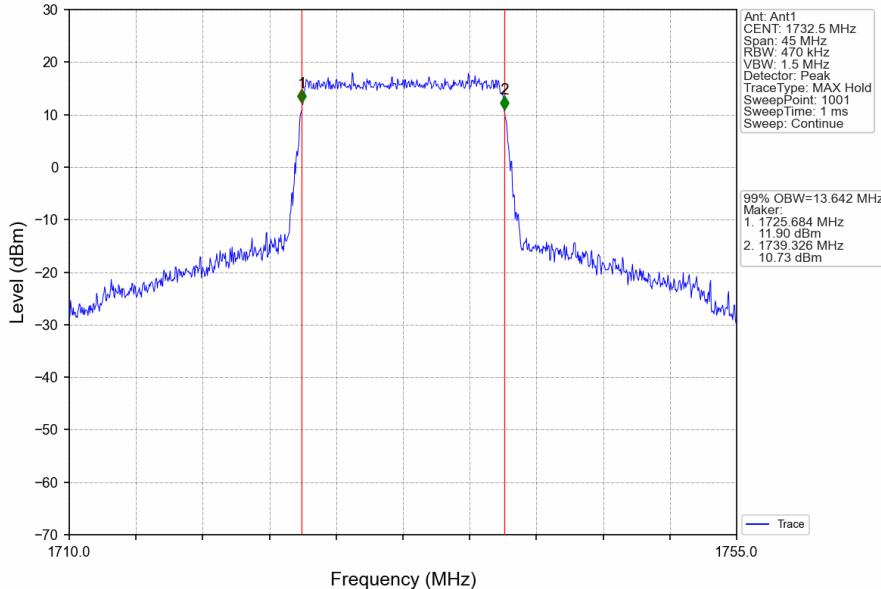
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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](mailto:CN.DocCheck@sgs.com)

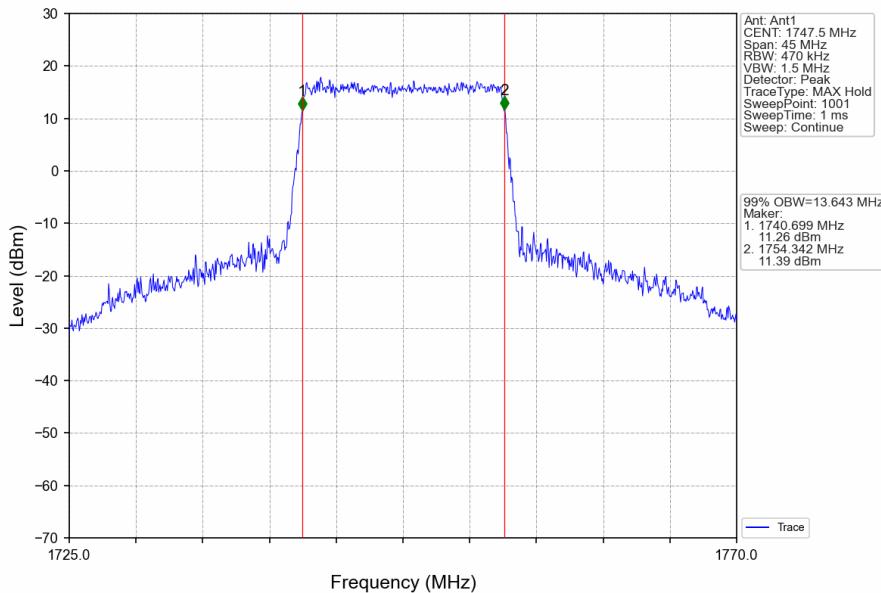
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)

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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Band4\_15MHz\_16QAM\_MCH\_1732.5MHz\_RB\_75\_0\_NTNV



## Band4\_15MHz\_16QAM\_HCH\_1747.5MHz\_RB\_75\_0\_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.

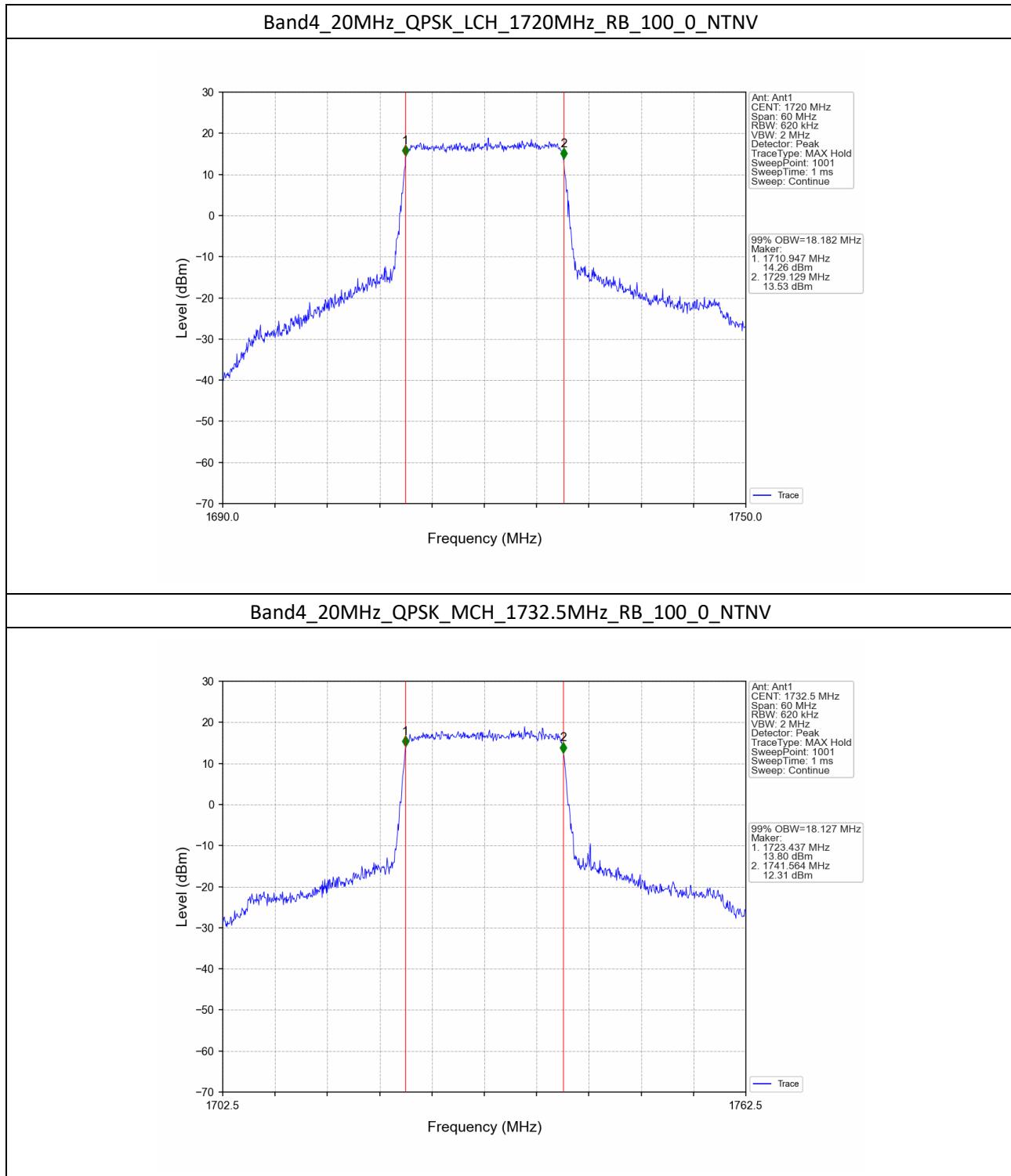
Attention: To check the authenticity of testing /Inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.DocCheck@sgs.com](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

Member of the SGS Group (SGS SA)



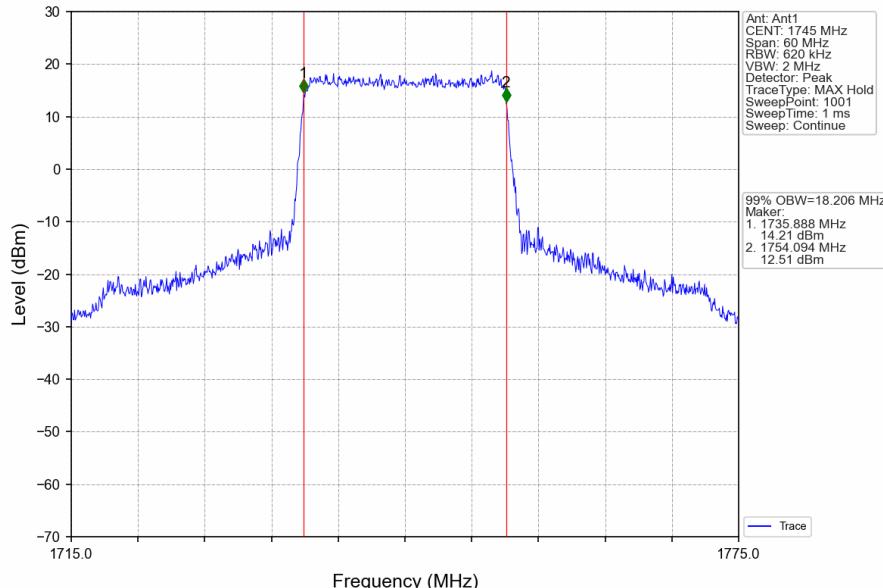
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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](mailto:CN.DocCheck@sgs.com)

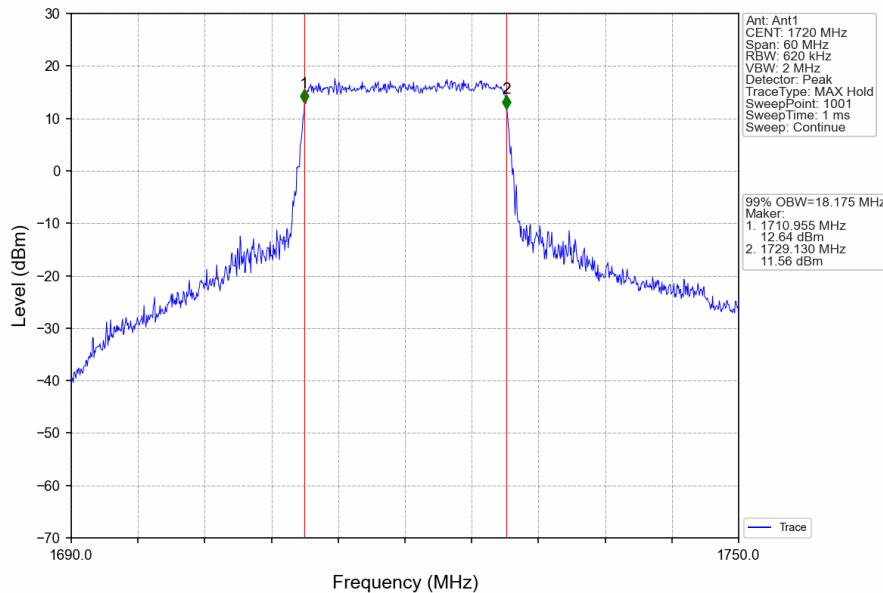
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)

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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Band4\_20MHz\_QPSK\_HCH\_1745MHz\_RB\_100\_0\_NTNV



## Band4\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_100\_0\_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.

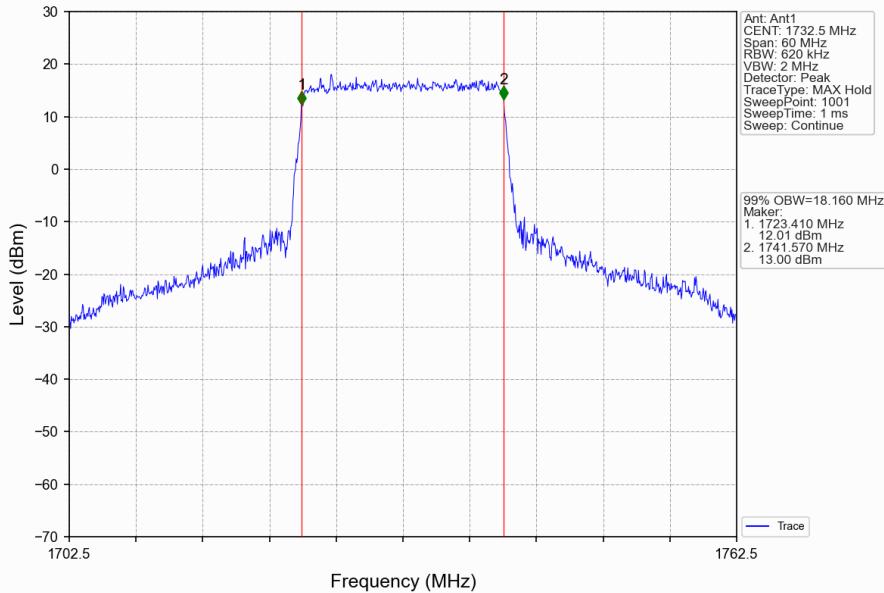
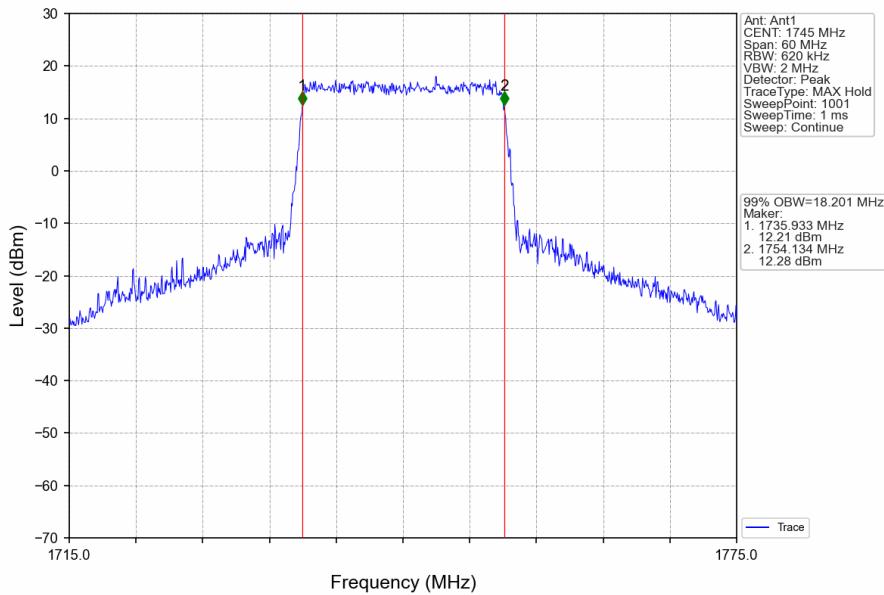
Attention: To check the authenticity of testing /Inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.DocCheck@sgs.com](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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

[sgs.china@sgs.com](mailto:sgs.china@sgs.com)

**Band4\_20MHz\_16QAM\_MCH\_1732.5MHz\_RB\_100\_0\_NTNV****Band4\_20MHz\_16QAM\_HCH\_1745MHz\_RB\_100\_0\_NTNV**

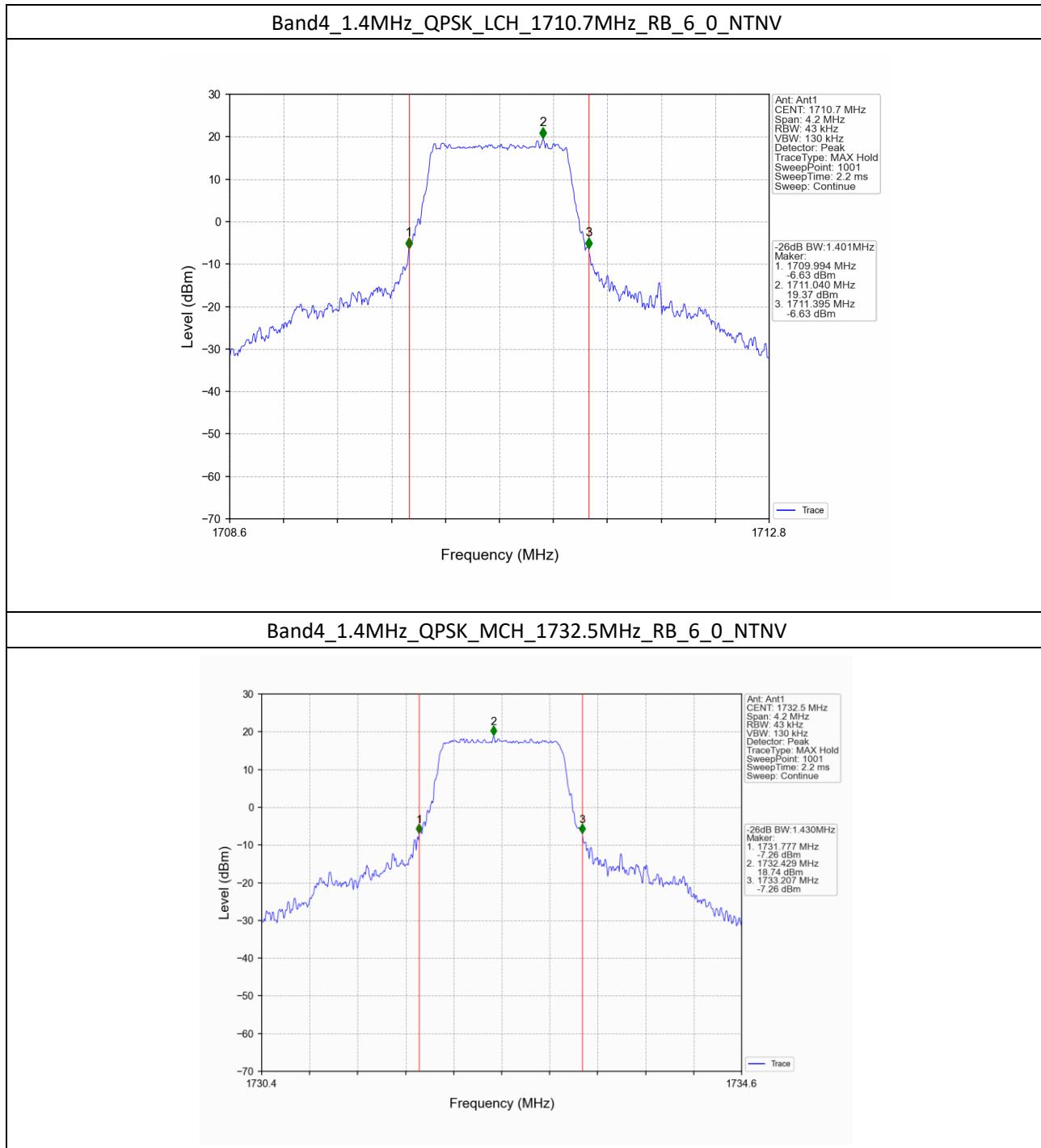
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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](mailto:CN.DocCheck@sgs.com)

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## 3.2.2 Band4\_XDB



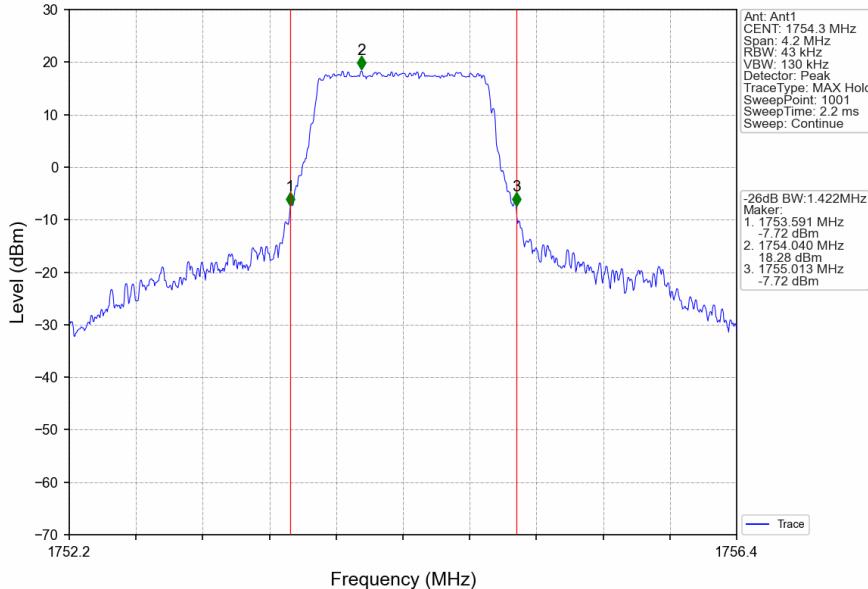
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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](mailto:CN.DocCheck@sgs.com)

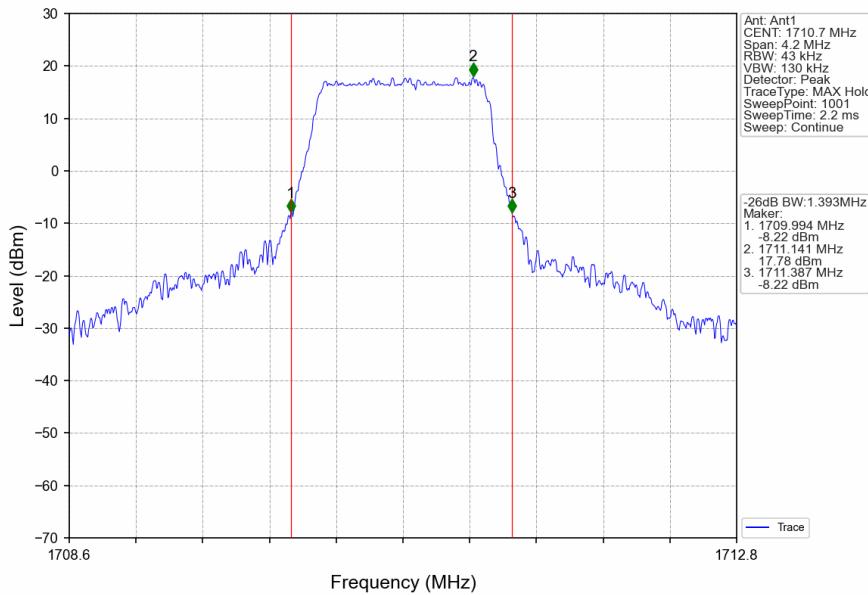
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)

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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Band4\_1.4MHz\_QPSK\_HCH\_1754.3MHz\_RB\_6\_0\_NTNV



## Band4\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_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](mailto:CN.DocCheck@sgs.com)



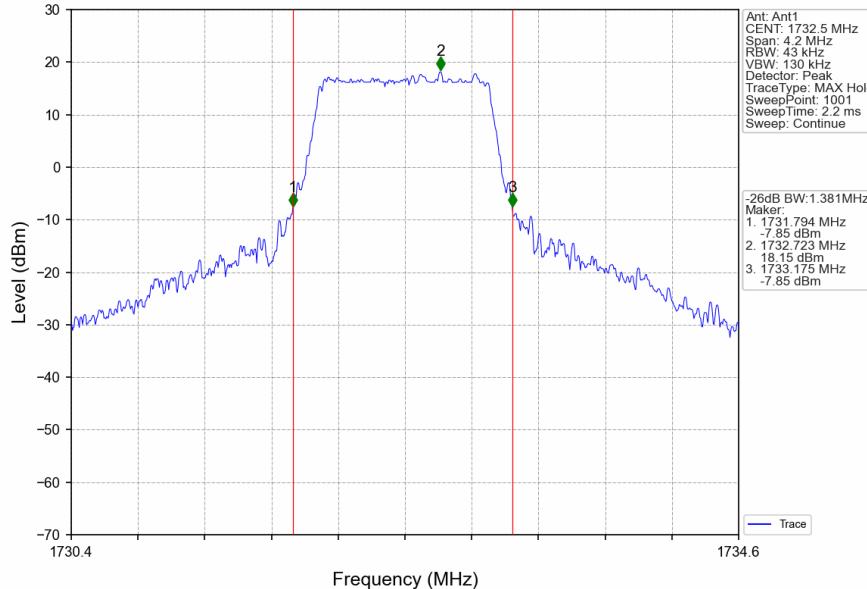
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)

中国·广东·深圳市南山区科技园中区M-10栋1号厂房

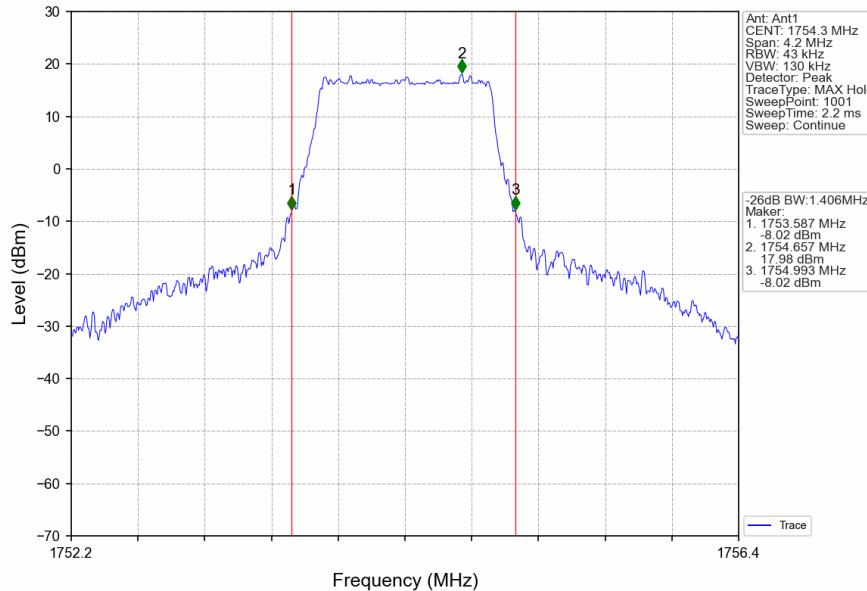
邮编: 518057 t (86-755) 26012053

[sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Band4\_1.4MHz\_16QAM\_MCH\_1732.5MHz\_RB\_6\_0\_NTNV



## Band4\_1.4MHz\_16QAM\_HCH\_1754.3MHz\_RB\_6\_0\_NTNV

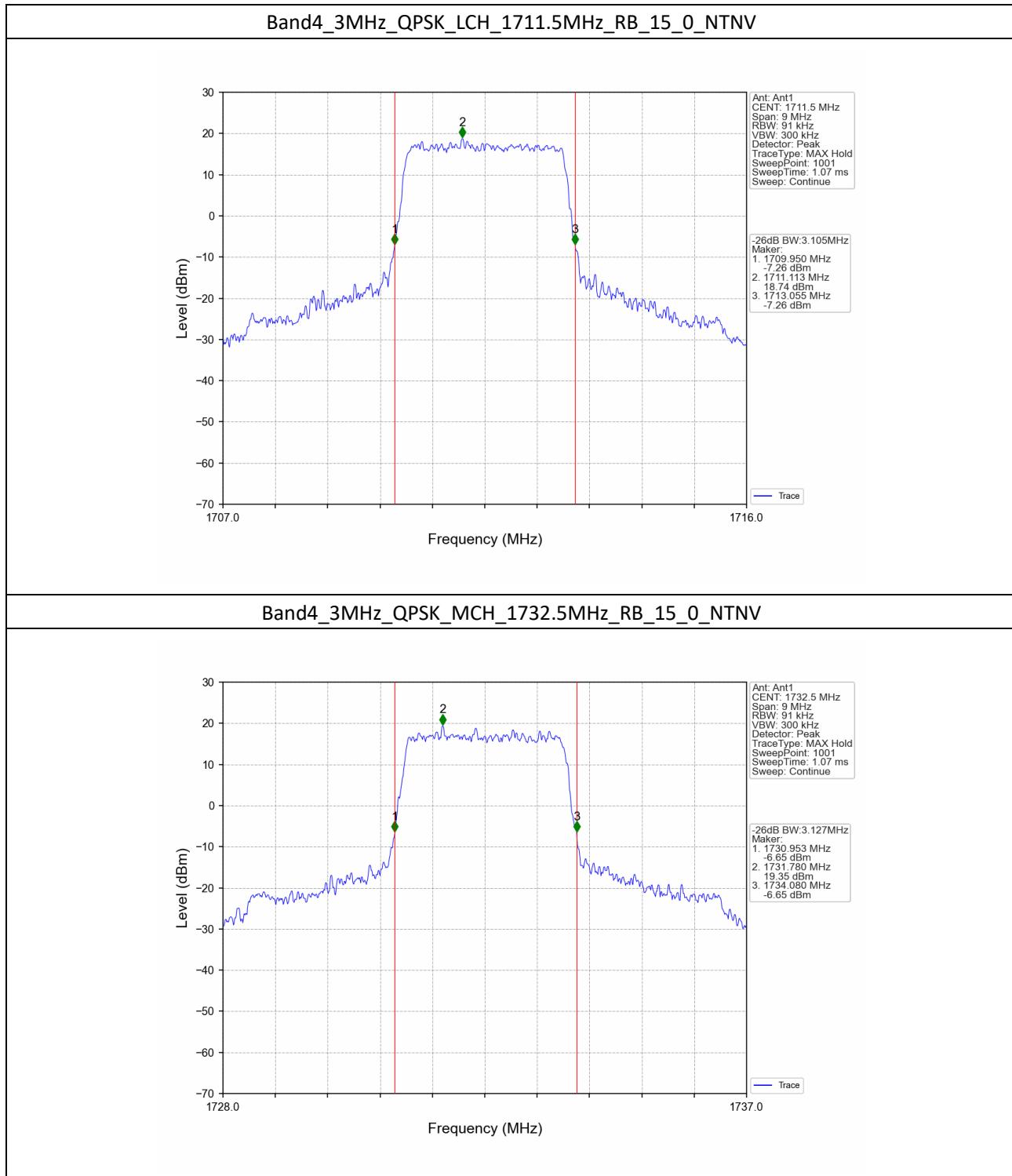


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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](mailto:CN.DocCheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 [www.sgsgroup.com.cn](http://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 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)