

Appendix G-Frequency Stability
Test Data:

Frequency Stability vs temperature:

1. Test for 806MHz to 824MHz (middle channel=815MHz)

Channel Bandwidth (kHz)	Temperature (°C)	Voltage (V ac)	Frequency Error (Hz)	Tolerance (ppm)	Limit (ppm)
6.25kHz	50	120	19.07	0.0234	1.5
	40	120	63.74	0.0782	1.5
	30	120	57.16	0.0701	1.5
	20	120	45.56	0.0559	1.5
	10	120	46.18	0.0567	1.5
	0	120	62.32	0.0765	1.5
	-10	120	60.78	0.0746	1.5
	-20	120	52.5	0.0644	1.5
	-30	120	32.41	0.0398	1.5
	-40	120	66.02	0.0810	1.5
12.5kHz	50	120	24.05	0.0295	1.5
	40	120	59.01	0.0724	1.5
	30	120	56.58	0.0694	1.5
	20	120	62.68	0.0769	1.5
	10	120	39.75	0.0488	1.5
	0	120	31.12	0.0382	1.5
	-10	120	28.62	0.0351	1.5
	-20	120	53.17	0.0652	1.5
	-30	120	43.54	0.0534	1.5
	-40	120	43.48	0.0533	1.5
25kHz	50	120	18.25	0.0224	1.5
	40	120	66.93	0.0821	1.5
	30	120	56.59	0.0694	1.5
	20	120	49.1	0.0602	1.5
	10	120	44.08	0.0541	1.5
	0	120	32.67	0.0401	1.5
	-10	120	58.16	0.0714	1.5
	-20	120	50.63	0.0621	1.5
	-30	120	66.97	0.0822	1.5
	-40	120	45.09	0.0553	1.5



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

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

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

t(86-512)57355888 f(86-512)57370818 www.sgs.com.cn
 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Frequency Stability vs voltage:
1. Test for 806MHz to 824MHz (middle channel=815MHz)

Channel Bandwidth (kHz)	Voltage (V ac)	Temperature (°C)	Frequency Error (Hz)	Tolerance (ppm)	Limit (ppm)
6.25kHz	102	20	51.68	0.0634	1.5
	120	20	37.49	0.0460	1.5
	138	20	46.22	0.0567	1.5
12.5kHz	102	20	59.33	0.0728	1.5
	120	20	27.37	0.0336	1.5
	138	20	45.58	0.0559	1.5
25kHz	102	20	50.85	0.0624	1.5
	120	20	48.40	0.0594	1.5
	138	20	48.08	0.0590	1.5



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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgs.com.cn
 中国·江苏·昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com