

7.8.13 NB-IoT Band 85

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 134004 (698.2 MHz)		CH 13180 (715.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.8	698.200003	0.004297	715.800001	0.001397
2.5	698.200004	0.005729	715.800001	0.001397
4.4	698.200001	0.001432	715.799995	-0.006985

Note: The applicant defined the normal working voltage is from 2.5 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 134004 (698.2 MHz)		CH 13180 (715.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	698.199996	-0.005729	715.799998	-0.002794
-30	698.200004	0.005729	715.800002	0.002794
-20	698.200002	0.002865	715.800003	0.004191
-10	698.199998	-0.002865	715.799999	-0.001397
0	698.200001	0.001432	715.799999	-0.001397
10	698.199999	-0.001432	715.800003	0.004191
20	698.199997	-0.004297	715.799998	-0.002794
30	698.199999	-0.001432	715.799997	-0.004191
40	698.200003	0.004297	715.800005	0.006985
50	698.200003	0.004297	715.800003	0.004191
60	698.200004	0.005729	715.799995	-0.006985
70	698.200004	0.005729	715.799999	-0.001397
80	698.199997	-0.004297	715.799999	-0.001397
85	698.199999	-0.001432	715.799998	-0.002794

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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The address and road map of all our labs can be found in our web site also.

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