

LTE Cat-M1 Band 5 / 26 (Part 22) / 3 MHz / 825.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	3.90	0.0047
3.70	3.78	0.0046
2.50	2.45	0.0030

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	3.31	0.0040
-20	2.74	0.0033
-10	2.82	0.0034
0	2.35	0.0028
10	3.97	0.0048
20	3.21	0.0039
30	4.28	0.0052
40	3.74	0.0045
50	2.60	0.0031
60	2.93	0.0035
70	4.32	0.0052

LTE Cat-M1 Band 5 / 26 (Part 22) / 3 MHz / 836.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.59	0.0019
3.70	1.75	0.0021
2.50	1.26	0.0015

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.41	0.0029
-20	1.43	0.0017
-10	0.33	0.0004
0	1.19	0.0014
10	0.66	0.0008
20	0.77	0.0009
30	1.28	0.0015
40	1.49	0.0018
50	1.47	0.0018
60	0.50	0.0006
70	1.04	0.0012

LTE Cat-M1 Band 5 / 26 (Part 22) / 3 MHz / 847.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	4.37	0.0052
3.70	3.69	0.0044
2.50	2.63	0.0031

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.31	0.0027
-20	2.16	0.0025
-10	3.00	0.0035
0	3.12	0.0037
10	3.81	0.0045
20	3.35	0.0040
30	4.18	0.0049
40	3.24	0.0038
50	3.38	0.0040
60	2.72	0.0032
70	3.22	0.0038

LTE Cat-M1 Band 5 / 26 (Part 22) / 5 MHz / 826.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	4.20	0.0051
3.70	4.66	0.0056
2.50	4.39	0.0053

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	3.81	0.0046
-20	3.83	0.0046
-10	3.77	0.0046
0	3.61	0.0044
10	4.70	0.0057
20	4.44	0.0054
30	4.98	0.0060
40	4.14	0.0050
50	4.62	0.0056
60	4.26	0.0052
70	4.06	0.0049

LTE Cat-M1 Band 5 / 26 (Part 22) / 5 MHz / 836.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.21	0.0014
3.70	1.75	0.0021
2.50	1.78	0.0021

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.57	0.0019
-20	1.18	0.0014
-10	1.83	0.0022
0	1.48	0.0018
10	0.62	0.0007
20	1.34	0.0016
30	1.54	0.0018
40	1.53	0.0018
50	1.96	0.0023
60	0.85	0.0010
70	0.34	0.0004

LTE Cat-M1 Band 5 / 26 (Part 22) / 5 MHz / 846.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.79	0.0033
3.70	3.99	0.0047
2.50	3.72	0.0044

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	4.45	0.0053
-20	3.47	0.0041
-10	3.92	0.0046
0	3.41	0.0040
10	2.88	0.0034
20	4.23	0.0050
30	3.88	0.0046
40	3.83	0.0045
50	3.45	0.0041
60	3.50	0.0041
70	3.89	0.0046

LTE Cat-M1 Band 5 / 26 (Part 22) / 10 MHz / 829 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.93	0.0023
3.70	2.97	0.0036
2.50	2.45	0.0030

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.88	0.0035
-20	2.28	0.0028
-10	2.16	0.0026
0	2.48	0.0030
10	2.30	0.0028
20	2.69	0.0032
30	2.75	0.0033
40	2.16	0.0026
50	2.44	0.0029
60	2.74	0.0033
70	3.14	0.0038

LTE Cat-M1 Band 5 / 26 (Part 22) / 10 MHz / 836.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.27	0.0015
3.70	1.75	0.0021
2.50	1.51	0.0018

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	0.44	0.0005
-20	0.19	0.0002
-10	0.77	0.0009
0	2.57	0.0031
10	1.62	0.0019
20	1.05	0.0013
30	1.97	0.0024
40	1.16	0.0014
50	-0.05	-0.0001
60	0.89	0.0011
70	1.96	0.0023

LTE Cat-M1 Band 5 / 26 (Part 22) / 10 MHz / 844 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.64	0.0031
3.70	3.18	0.0038
2.50	3.99	0.0047

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.65	0.0031
-20	2.15	0.0025
-10	2.85	0.0034
0	2.92	0.0035
10	2.58	0.0031
20	1.87	0.0022
30	2.42	0.0029
40	2.44	0.0029
50	3.15	0.0037
60	2.70	0.0032
70	2.02	0.0024

LTE Cat-M1 Band 5 / 26 (Part 22) / 15 MHz / 831.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.86	0.0022
3.70	3.19	0.0038
2.50	2.15	0.0026

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.26	0.0027
-20	3.22	0.0039
-10	2.00	0.0024
0	2.38	0.0029
10	2.73	0.0033
20	2.00	0.0024
30	1.75	0.0021
40	3.07	0.0037
50	2.88	0.0035
60	2.83	0.0034
70	3.52	0.0042

LTE Cat-M1 Band 5 / 26 (Part 22) / 15 MHz / 836.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	4.42	0.0053
3.70	4.84	0.0058
2.50	4.34	0.0052

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	3.75	0.0045
-20	4.50	0.0054
-10	3.95	0.0047
0	4.11	0.0049
10	4.50	0.0054
20	4.56	0.0055
30	3.80	0.0045
40	4.88	0.0058
50	5.10	0.0061
60	4.88	0.0058
70	4.50	0.0054

LTE Cat-M1 Band 5 / 26 (Part 22) / 15 MHz / 841.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.89	0.0034
3.70	3.86	0.0046
2.50	4.07	0.0048

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	3.36	0.0040
-20	3.25	0.0039
-10	3.23	0.0038
0	3.60	0.0043
10	4.20	0.0050
20	2.89	0.0034
30	4.07	0.0048
40	3.25	0.0039
50	2.92	0.0035
60	2.73	0.0032
70	3.65	0.0043

Mode 4: LTE Cat-M1 Band 12**LTE Cat-M1 Band 12 / 1.4 MHz / 699.7 MHz**

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.27	0.0032
3.70	2.89	0.0041
2.50	2.66	0.0038

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.57	0.0037
-20	2.19	0.0031
-10	2.06	0.0029
0	2.08	0.0030
10	2.09	0.0030
20	2.25	0.0032
30	2.09	0.0030
40	2.13	0.0030
50	2.68	0.0038
60	1.79	0.0026
70	3.00	0.0043

LTE Cat-M1 Band 12 / 1.4 MHz / 707.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.84	0.0026
3.70	2.03	0.0029
2.50	1.81	0.0026

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.47	0.0021
-20	1.65	0.0023
-10	1.77	0.0025
0	1.30	0.0018
10	1.77	0.0025
20	1.48	0.0021
30	1.21	0.0017
40	1.76	0.0025
50	0.95	0.0013
60	1.45	0.0020
70	0.83	0.0012

LTE Cat-M1 Band 12 / 1.4 MHz / 715.3 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.44	0.0034
3.70	3.34	0.0047
2.50	2.65	0.0037

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.97	0.0042
-20	2.86	0.0040
-10	3.68	0.0051
0	2.67	0.0037
10	2.90	0.0041
20	1.89	0.0026
30	2.74	0.0038
40	2.46	0.0034
50	2.38	0.0033
60	3.51	0.0049
-30	2.97	0.0042

LTE Cat-M1 Band 12 / 3 MHz / 700.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.93	0.0028
3.70	3.28	0.0047
2.50	2.81	0.0040

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.75	0.0039
-20	3.19	0.0046
-10	1.98	0.0028
0	1.95	0.0028
10	3.11	0.0044
20	2.18	0.0031
30	2.97	0.0042
40	2.62	0.0037
50	3.56	0.0051
60	2.88	0.0041
70	3.00	0.0043

LTE Cat-M1 Band 12 / 3 MHz / 707.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.78	0.0025
3.70	2.03	0.0029
2.50	2.20	0.0031

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.31	0.0019
-20	1.20	0.0017
-10	0.32	0.0005
0	1.37	0.0019
10	1.75	0.0025
20	1.26	0.0018
30	1.87	0.0026
40	2.21	0.0031
50	1.64	0.0023
60	0.97	0.0014
70	2.24	0.0032

LTE Cat-M1 Band 12 / 3 MHz / 714.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	3.36	0.0047
3.70	4.20	0.0059
2.50	3.49	0.0049

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	3.34	0.0047
-20	3.33	0.0047
-10	3.44	0.0048
0	2.96	0.0041
10	3.74	0.0052
20	4.11	0.0058
30	3.22	0.0045
40	3.33	0.0047
50	4.49	0.0063
60	3.04	0.0043
70	4.65	0.0065

LTE Cat-M1 Band 12 / 5 MHz / 701.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	3.29	0.0047
3.70	2.99	0.0043
2.50	2.42	0.0034

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.14	0.0031
-20	2.08	0.0030
-10	3.33	0.0047
0	2.14	0.0031
10	1.96	0.0028
20	2.11	0.0030
30	2.54	0.0036
40	1.92	0.0027
50	3.27	0.0047
60	2.62	0.0037
70	2.50	0.0036

LTE Cat-M1 Band 12 / 5 MHz / 707.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.35	0.0019
3.70	2.03	0.0029
2.50	1.51	0.0021

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.91	0.0027
-20	1.88	0.0027
-10	1.08	0.0015
0	1.24	0.0018
10	1.25	0.0018
20	0.72	0.0010
30	1.47	0.0021
40	2.28	0.0032
50	1.82	0.0026
60	2.31	0.0033
70	0.83	0.0012

LTE Cat-M1 Band 12 / 5 MHz / 713.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	3.30	0.0046
3.70	3.63	0.0051
2.50	3.24	0.0045

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	3.35	0.0047
-20	2.71	0.0038
-10	4.02	0.0056
0	3.00	0.0042
10	2.52	0.0035
20	2.79	0.0039
30	3.10	0.0043
40	3.69	0.0052
50	3.35	0.0047
60	2.19	0.0031
70	2.34	0.0033

LTE Cat-M1 Band 12 / 10 MHz / 704 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	3.32	0.0047
3.70	3.82	0.0054
2.50	4.06	0.0058

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	3.23	0.0046
-20	3.11	0.0044
-10	4.06	0.0058
0	3.28	0.0047
10	3.69	0.0052
20	3.73	0.0053
30	2.67	0.0038
40	4.16	0.0059
50	3.81	0.0054
60	3.19	0.0045
70	3.69	0.0052

LTE Cat-M1 Band 12 / 10 MHz / 707.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.54	0.0022
3.70	2.03	0.0029
2.50	1.41	0.0020

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.66	0.0023
-20	1.78	0.0025
-10	2.45	0.0035
0	1.58	0.0022
10	1.05	0.0015
20	2.14	0.0030
30	1.11	0.0016
40	0.72	0.0010
50	2.12	0.0030
60	1.57	0.0022
70	1.41	0.0020

LTE Cat-M1 Band 12 / 10 MHz / 711 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.29	0.0032
3.70	3.61	0.0051
2.50	3.66	0.0051

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.20	0.0031
-20	4.14	0.0058
-10	3.05	0.0043
0	3.56	0.0050
10	2.80	0.0039
20	2.08	0.0029
30	2.95	0.0041
40	2.87	0.0040
50	3.00	0.0042
60	2.86	0.0040
70	2.91	0.0041

Mode 5: LTE Cat-M1 Band 13**LTE Cat-M1 Band 13 / 5 MHz / 779.5 MHz**

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	4.74	0.0061
3.70	5.17	0.0066
2.50	4.34	0.0056

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	4.35	0.0056
-20	4.61	0.0059
-10	4.08	0.0052
0	4.50	0.0058
10	4.98	0.0064
20	4.42	0.0057
30	3.95	0.0051
40	5.37	0.0069
50	4.86	0.0062
60	4.64	0.0060
70	5.75	0.0074

LTE Cat-M1 Band 13 / 5 MHz / 782 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	0.82	0.0010
3.70	1.59	0.0020
2.50	1.58	0.0020

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.12	0.0014
-20	1.69	0.0022
-10	1.92	0.0025
0	1.15	0.0015
10	0.43	0.0005
20	0.11	0.0001
30	1.07	0.0014
40	1.19	0.0015
50	0.88	0.0011
60	1.09	0.0014
70	1.56	0.0020

LTE Cat-M1 Band 13 / 5 MHz / 784.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	4.56	0.0058
3.70	4.96	0.0063
2.50	4.27	0.0054

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	3.66	0.0047
-20	4.85	0.0062
-10	3.92	0.0050
0	4.59	0.0059
10	4.16	0.0053
20	4.73	0.0060
30	4.50	0.0057
40	4.68	0.0060
50	4.69	0.0060
60	4.41	0.0056
70	4.19	0.0053

LTE Cat-M1 Band 13 / 10 MHz / 782 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.58	0.0033
3.70	3.48	0.0045
2.50	2.95	0.0038

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.77	0.0035
-20	2.91	0.0037
-10	2.87	0.0037
0	3.42	0.0044
10	3.40	0.0043
20	3.19	0.0041
30	2.86	0.0037
40	2.91	0.0037
50	3.86	0.0049
60	1.96	0.0025
70	3.21	0.0041

Mode 6: LTE Cat-M1 Band 26 (Part 90)**LTE Cat-M1 Band 26 (Part 90) / 1.4 MHz / 844.7 MHz**

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	3.38	0.0041
3.70	3.65	0.0045
2.50	2.95	0.0036

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	3.29	0.0040
-20	2.60	0.0032
-10	3.34	0.0041
0	3.16	0.0039
10	2.34	0.0029
20	3.07	0.0038
30	3.19	0.0039
40	2.93	0.0036
50	3.22	0.0040
60	2.87	0.0035
70	3.22	0.0040

LTE Cat-M1 Band 26 (Part 90) / 1.4 MHz / 819 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.53	0.0019
3.70	1.75	0.0021
2.50	1.46	0.0018

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.15	0.0026
-20	0.70	0.0009
-10	1.60	0.0020
0	1.53	0.0019
10	1.53	0.0019
20	2.33	0.0028
30	1.96	0.0024
40	1.50	0.0018
50	0.99	0.0012
60	1.68	0.0021
70	1.90	0.0023

LTE Cat-M1 Band 26 (Part 90) / 1.4 MHz / 823.3 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	3.87	0.0047
3.70	4.13	0.0050
2.50	4.39	0.0053

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	4.79	0.0058
-20	3.58	0.0043
-10	3.24	0.0039
0	3.37	0.0041
10	3.27	0.0040
20	3.25	0.0039
30	2.97	0.0036
40	4.71	0.0057
50	4.04	0.0049
60	4.06	0.0049
70	3.03	0.0037

LTE Cat-M1 Band 26 (Part 90) / 3 MHz / 815.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	4.93	0.0060
3.70	5.02	0.0062
2.50	4.96	0.0061

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	5.01	0.0061
-20	4.93	0.0060
-10	4.36	0.0053
0	4.62	0.0057
10	4.62	0.0057
20	4.97	0.0061
30	5.00	0.0061
40	5.28	0.0065
50	3.91	0.0048
60	3.80	0.0047
70	4.29	0.0053

LTE Cat-M1 Band 26 (Part 90) / 3 MHz / 819 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.25	0.0015
3.70	1.75	0.0021
2.50	0.30	0.0004

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.74	0.0021
-20	1.86	0.0023
-10	2.10	0.0026
0	1.63	0.0020
10	1.07	0.0013
20	1.35	0.0016
30	1.79	0.0022
40	1.17	0.0014
50	0.48	0.0006
60	1.62	0.0020
70	2.20	0.0027

LTE Cat-M1 Band 26 (Part 90) / 3 MHz / 822.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	4.92	0.0060
3.70	4.96	0.0060
2.50	4.39	0.0053

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	4.63	0.0056
-20	5.40	0.0066
-10	4.24	0.0052
0	4.32	0.0053
10	3.99	0.0049
20	4.73	0.0058
30	4.70	0.0057
40	4.14	0.0050
50	4.47	0.0054
60	4.24	0.0052
70	4.21	0.0051

LTE Cat-M1 Band 26 (Part 90) / 5 MHz / 816.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.97	0.0036
3.70	3.69	0.0045
2.50	3.73	0.0046

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	3.24	0.0040
-20	2.73	0.0033
-10	3.37	0.0041
0	2.30	0.0028
10	3.52	0.0043
20	3.78	0.0046
30	2.83	0.0035
40	2.78	0.0034
50	2.73	0.0033
60	4.08	0.0050
70	3.25	0.0040

LTE Cat-M1 Band 26 (Part 90) / 5 MHz / 819 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.90	0.0023
3.70	1.75	0.0021
2.50	0.87	0.0011

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.02	0.0025
-20	1.02	0.0012
-10	1.36	0.0017
0	2.19	0.0027
10	1.01	0.0012
20	1.83	0.0022
30	1.18	0.0014
40	2.03	0.0025
50	1.50	0.0018
60	0.81	0.0010
70	0.95	0.0012

LTE Cat-M1 Band 26 (Part 90) / 5 MHz / 821.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	4.16	0.0051
3.70	3.78	0.0046
2.50	3.19	0.0039

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.85	0.0035
-20	4.12	0.0050
-10	2.97	0.0036
0	3.36	0.0041
10	3.23	0.0039
20	2.12	0.0026
30	3.08	0.0037
40	2.98	0.0036
50	4.24	0.0052
60	3.81	0.0046
70	4.19	0.0051

LTE Cat-M1 Band 26 (Part 90) / 10 MHz / 819 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	3.44	0.0042
3.70	4.53	0.0055
2.50	4.22	0.0052

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	3.37	0.0041
-20	3.83	0.0047
-10	4.09	0.0050
0	3.62	0.0044
10	3.90	0.0048
20	3.15	0.0038
30	4.15	0.0051
40	4.18	0.0051
50	4.16	0.0051
60	3.74	0.0046
70	4.47	0.0055

Mode 7: LTE NB-IoT Band 2 / 25

LTE NB-IoT Band 2 / 25 / 3.75k / 1850.2 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.57	0.0014
3.70	3.01	0.0016
2.50	2.27	0.0012

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.74	0.0015
-20	1.67	0.0009
-10	2.96	0.0016
0	1.99	0.0011
10	2.42	0.0013
20	2.06	0.0011
30	2.43	0.0013
40	1.72	0.0009
50	3.30	0.0018
60	2.45	0.0013
70	2.48	0.0013

LTE NB-IoT Band 2 / 25 / 3.75k / 1882.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.86	0.0015
3.70	2.60	0.0014
2.50	2.41	0.0013

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.50	0.0008
-20	1.77	0.0009
-10	2.49	0.0013
0	1.57	0.0008
10	2.72	0.0014
20	2.97	0.0016
30	1.31	0.0007
40	2.09	0.0011
50	2.18	0.0012
60	2.42	0.0013
70	1.27	0.0007

LTE NB-IoT Band 2 / 25 / 3.75k / 1914.8 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	3.40	0.0018
3.70	3.43	0.0018
2.50	2.78	0.0015

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.97	0.0010
-20	2.95	0.0015
-10	2.35	0.0012
0	3.38	0.0018
10	2.66	0.0014
20	2.39	0.0012
30	1.83	0.0010
40	2.27	0.0012
50	3.11	0.0016
60	2.39	0.0012
70	1.97	0.0010

LTE NB-IoT Band 2 / 25 / 15k / 1850.2 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.50	0.0008
3.70	3.01	0.0016
2.50	3.41	0.0018

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.09	0.0011
-20	2.96	0.0016
-10	2.95	0.0016
0	3.72	0.0020
10	1.89	0.0010
20	2.68	0.0014
30	3.25	0.0018
40	2.99	0.0016
50	2.08	0.0011
60	2.33	0.0013
70	2.14	0.0012

LTE NB-IoT Band 2 / 25 / 15k / 1882.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.93	0.0010
3.70	2.75	0.0015
2.50	2.53	0.0013

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.57	0.0008
-20	1.47	0.0008
-10	2.15	0.0011
0	2.28	0.0012
10	1.59	0.0008
20	1.46	0.0008
30	2.58	0.0014
40	3.03	0.0016
50	1.73	0.0009
60	1.90	0.0010
70	2.69	0.0014

LTE NB-IoT Band 2 / 25 / 15k / 1914.8 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.96	0.0010
3.70	3.01	0.0016
2.50	2.93	0.0015

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.37	0.0012
-20	2.88	0.0015
-10	1.79	0.0009
0	1.70	0.0009
10	1.90	0.0010
20	2.16	0.0011
30	2.19	0.0011
40	1.82	0.0010
50	1.96	0.0010
60	2.27	0.0012
70	2.73	0.0014

Mode 8: LTE NB-IoT Band 4 / 66
LTE NB-IoT Band 4 / 66 / 3.75k / 1710.2 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.07	0.0012
3.70	3.01	0.0018
2.50	3.15	0.0018

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.93	0.0011
-20	1.96	0.0011
-10	2.70	0.0016
0	3.17	0.0019
10	2.81	0.0016
20	2.60	0.0015
30	2.40	0.0014
40	3.40	0.0020
50	2.60	0.0015
60	2.69	0.0016
70	2.41	0.0014

LTE NB-IoT Band 4 / 66 / 3.75k / 1745 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	0.72	0.0004
3.70	1.81	0.0010
2.50	2.00	0.0011

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	3.14	0.0018
-20	2.03	0.0012
-10	1.98	0.0011
0	2.03	0.0012
10	2.22	0.0013
20	2.08	0.0012
30	2.52	0.0014
40	2.26	0.0013
50	2.59	0.0015
60	1.49	0.0009
70	1.93	0.0011

LTE NB-IoT Band 4 / 66 / 3.75k / 1779.8 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.03	0.0006
3.70	1.66	0.0009
2.50	1.90	0.0011

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.32	0.0013
-20	2.05	0.0012
-10	1.18	0.0007
0	2.19	0.0012
10	1.33	0.0007
20	1.70	0.0010
30	0.95	0.0005
40	2.17	0.0012
50	1.88	0.0011
60	1.41	0.0008
70	0.69	0.0004

LTE NB-IoT Band 4 / 66 / 15k / 1710.2 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.98	0.0012
3.70	3.01	0.0018
2.50	2.10	0.0012

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.42	0.0014
-20	2.27	0.0013
-10	3.28	0.0019
0	2.38	0.0014
10	2.18	0.0013
20	2.64	0.0015
30	1.90	0.0011
40	3.01	0.0018
50	2.40	0.0014
60	2.57	0.0015
70	2.80	0.0016

LTE NB-IoT Band 4 / 66 / 15k / 1745 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.89	0.0011
3.70	3.04	0.0017
2.50	2.56	0.0015

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.91	0.0011
-20	2.30	0.0013
-10	1.93	0.0011
0	2.18	0.0012
10	2.27	0.0013
20	2.81	0.0016
30	2.89	0.0017
40	1.95	0.0011
50	2.69	0.0015
60	1.29	0.0007
70	2.80	0.0016

LTE NB-IoT Band 4 / 66 / 15k / 1779.8 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	3.39	0.0019
3.70	2.91	0.0016
2.50	2.27	0.0013

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.48	0.0014
-20	2.21	0.0012
-10	1.17	0.0007
0	1.21	0.0007
10	1.14	0.0006
20	0.76	0.0004
30	1.04	0.0006
40	1.21	0.0007
50	1.99	0.0011
60	1.51	0.0008
70	1.54	0.0009

Mode 9: LTE NB-IoT Band 5 / 26 (Part 22)

LTE NB-IoT Band 5 / 26 (Part 22) / 3.75k / 824.2 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.68	0.0033
3.70	3.01	0.0037
2.50	3.48	0.0042

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.40	0.0017
-20	2.07	0.0025
-10	2.96	0.0036
0	2.42	0.0029
10	2.17	0.0026
20	2.84	0.0034
30	2.41	0.0029
40	2.96	0.0036
50	3.47	0.0042
60	2.24	0.0027
70	2.56	0.0031

LTE NB-IoT Band 5 / 26 (Part 22) / 3.75k / 836.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.38	0.0028
3.70	2.48	0.0030
2.50	2.49	0.0030

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.12	0.0025
-20	2.21	0.0026
-10	2.49	0.0030
0	2.31	0.0028
10	2.00	0.0024
20	2.56	0.0031
30	2.85	0.0034
40	2.73	0.0033
50	2.34	0.0028
60	3.22	0.0038
70	1.54	0.0018

LTE NB-IoT Band 5 / 26 (Part 22) / 3.75k / 848.8 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.76	0.0021
3.70	2.38	0.0028
2.50	2.65	0.0031

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.60	0.0031
-20	1.32	0.0016
-10	1.38	0.0016
0	2.47	0.0029
10	1.79	0.0021
20	1.77	0.0021
30	1.66	0.0020
40	2.42	0.0029
50	1.20	0.0014
60	1.56	0.0018
70	1.41	0.0017

LTE NB-IoT Band 5 / 26 (Part 22) / 15k / 824.2 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.37	0.0029
3.70	3.01	0.0037
2.50	2.61	0.0032

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.36	0.0029
-20	3.20	0.0039
-10	1.44	0.0017
0	1.52	0.0018
10	2.49	0.0030
20	1.88	0.0023
30	2.10	0.0025
40	2.81	0.0034
50	2.85	0.0035
60	2.63	0.0032
70	1.67	0.0020

LTE NB-IoT Band 5 / 26 (Part 22) / 15k / 836.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.90	0.0023
3.70	2.21	0.0026
2.50	2.16	0.0026

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.52	0.0018
-20	1.40	0.0017
-10	2.10	0.0025
0	2.03	0.0024
10	2.38	0.0028
20	2.52	0.0030
30	2.62	0.0031
40	2.19	0.0026
50	2.12	0.0025
60	3.03	0.0036
70	2.61	0.0031

LTE NB-IoT Band 5 / 26 (Part 22) / 15k / 848.8 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.59	0.0031
3.70	3.16	0.0037
2.50	2.74	0.0032

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	0.85	0.0010
-20	1.71	0.0020
-10	0.82	0.0010
0	1.33	0.0016
10	1.61	0.0019
20	0.80	0.0009
30	1.30	0.0015
40	1.80	0.0021
50	1.79	0.0021
60	1.31	0.0015
70	0.91	0.0011

Mode 10: LTE NB-IoT Band 12

LTE NB-IoT Band 12 / 3.75k / 669.2 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.84	0.0042
3.70	3.01	0.0045
2.50	1.50	0.0022

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.37	0.0035
-20	2.25	0.0034
-10	2.76	0.0041
0	1.95	0.0029
10	2.16	0.0032
20	2.68	0.0040
30	2.75	0.0041
40	2.68	0.0040
50	2.88	0.0043
60	2.53	0.0038
70	2.30	0.0034

LTE NB-IoT Band 12 / 3.75k / 707.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.55	0.0036
3.70	2.64	0.0037
2.50	2.56	0.0036

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.81	0.0040
-20	2.81	0.0040
-10	2.90	0.0041
0	2.93	0.0041
10	1.99	0.0028
20	1.72	0.0024
30	1.74	0.0025
40	2.07	0.0029
50	2.37	0.0033
60	2.30	0.0033
70	1.03	0.0015

LTE NB-IoT Band 12 / 3.75k / 715.8 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.39	0.0033
3.70	2.30	0.0032
2.50	1.48	0.0021

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.38	0.0033
-20	2.23	0.0031
-10	1.76	0.0025
0	2.37	0.0033
10	1.88	0.0026
20	2.81	0.0039
30	1.93	0.0027
40	1.36	0.0019
50	1.96	0.0027
60	1.35	0.0019
70	1.64	0.0023

LTE NB-IoT Band 12 / 15k / 669.2 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	0.58	0.0009
3.70	2.00	0.0030
2.50	1.56	0.0023

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.85	0.0028
-20	1.90	0.0028
-10	1.40	0.0021
0	1.41	0.0021
10	1.32	0.0020
20	1.03	0.0015
30	1.42	0.0021
40	0.59	0.0009
50	2.49	0.0037
60	1.34	0.0020
70	1.34	0.0020

LTE NB-IoT Band 12 / 15k / 707.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.99	0.0028
3.70	2.03	0.0029
2.50	1.51	0.0021

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	0.19	0.0003
-20	1.47	0.0021
-10	2.29	0.0032
0	2.49	0.0035
10	1.74	0.0025
20	1.78	0.0025
30	2.00	0.0028
40	1.84	0.0026
50	1.92	0.0027
60	2.70	0.0038
70	1.81	0.0026

LTE NB-IoT Band 12 / 15k / 715.8 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.37	0.0033
3.70	1.98	0.0028
2.50	1.82	0.0025

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.28	0.0018
-20	0.86	0.0012
-10	1.23	0.0017
0	1.75	0.0024
10	0.89	0.0012
20	0.67	0.0009
30	0.39	0.0005
40	1.81	0.0025
50	0.12	0.0002
60	0.71	0.0010
70	1.49	0.0021

Mode 11: LTE NB-IoT Band 13**LTE NB-IoT Band 13 / 3.75k / 777.2 MHz**

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.33	0.0030
3.70	3.01	0.0039
2.50	1.54	0.0020

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.46	0.0032
-20	2.40	0.0031
-10	2.38	0.0031
0	2.45	0.0032
10	3.20	0.0041
20	2.62	0.0034
30	2.81	0.0036
40	3.01	0.0039
50	3.36	0.0043
60	2.04	0.0026
70	2.57	0.0033

LTE NB-IoT Band 13 / 3.75k / 782 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.69	0.0022
3.70	1.83	0.0023
2.50	0.79	0.0010

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.04	0.0026
-20	1.39	0.0018
-10	2.40	0.0031
0	1.78	0.0023
10	2.50	0.0032
20	1.79	0.0023
30	2.22	0.0028
40	2.60	0.0033
50	2.87	0.0037
60	1.45	0.0019
70	1.21	0.0015

LTE NB-IoT Band 13 / 3.75k / 786.8 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.37	0.0030
3.70	2.32	0.0029
2.50	2.22	0.0028

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.13	0.0027
-20	1.30	0.0017
-10	1.62	0.0021
0	1.40	0.0018
10	2.25	0.0029
20	2.20	0.0028
30	1.55	0.0020
40	2.18	0.0028
50	1.49	0.0019
60	2.83	0.0036
70	1.62	0.0021

LTE NB-IoT Band 13 / 15k / 777.2 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.94	0.0038
3.70	3.01	0.0039
2.50	2.72	0.0035

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	3.54	0.0046
-20	2.67	0.0034
-10	2.05	0.0026
0	1.41	0.0018
10	3.18	0.0041
20	2.98	0.0038
30	2.73	0.0035
40	2.50	0.0032
50	2.20	0.0028
60	2.32	0.0030
70	2.13	0.0027

LTE NB-IoT Band 13 / 15k / 782 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.07	0.0014
3.70	2.18	0.0028
2.50	1.32	0.0017

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.60	0.0033
-20	2.82	0.0036
-10	1.78	0.0023
0	0.68	0.0009
10	0.93	0.0012
20	1.11	0.0014
30	1.71	0.0022
40	1.99	0.0025
50	0.88	0.0011
60	2.23	0.0029
70	1.81	0.0023

LTE NB-IoT Band 13 / 15k / 786.8 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.63	0.0021
3.70	2.59	0.0033
2.50	2.86	0.0036

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.96	0.0038
-20	2.72	0.0035
-10	2.91	0.0037
0	2.07	0.0026
10	3.11	0.0040
20	2.35	0.0030
30	3.27	0.0042
40	2.21	0.0028
50	3.14	0.0040
60	2.83	0.0036
70	2.85	0.0036

Mode 12: LTE NB-IoT 1 Band 26 (Part 90)
LTE NB-IoT 1 Band 26 (Part 90) / 3.75k / 814.2 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.24	0.0028
3.70	3.01	0.0037
2.50	2.57	0.0032

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.32	0.0028
-20	2.70	0.0033
-10	3.67	0.0045
0	2.59	0.0032
10	3.05	0.0037
20	2.06	0.0025
30	3.08	0.0038
40	2.14	0.0026
50	2.30	0.0028
60	2.52	0.0031
70	2.55	0.0031

LTE NB-IoT 1 Band 26 (Part 90) / 3.75k / 819 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.58	0.0032
3.70	2.96	0.0036
2.50	3.14	0.0038

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	3.08	0.0038
-20	2.69	0.0033
-10	1.49	0.0018
0	1.46	0.0018
10	2.71	0.0033
20	1.75	0.0021
30	1.93	0.0024
40	1.35	0.0016
50	1.01	0.0012
60	2.13	0.0026
70	1.65	0.0020

LTE NB-IoT 1 Band 26 (Part 90) / 3.75k / 823.8 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.76	0.0021
3.70	2.73	0.0033
2.50	1.71	0.0021

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	0.95	0.0012
-20	1.83	0.0022
-10	2.04	0.0025
0	2.09	0.0025
10	1.83	0.0022
20	1.53	0.0019
30	1.24	0.0015
40	1.32	0.0016
50	1.78	0.0022
60	1.26	0.0015
70	0.64	0.0008

LTE NB-IoT 1 Band 26 (Part 90) / 15k / 824.2 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.56	0.0019
3.70	3.01	0.0037
2.50	2.56	0.0031

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.25	0.0028
-20	1.88	0.0023
-10	1.61	0.0020
0	2.32	0.0028
10	1.64	0.0020
20	2.68	0.0033
30	2.09	0.0026
40	2.48	0.0030
50	3.42	0.0042
60	1.83	0.0022
70	2.32	0.0028

LTE NB-IoT 1 Band 26 (Part 90) / 15k / 836.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.55	0.0031
3.70	2.18	0.0027
2.50	2.17	0.0026

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.67	0.0033
-20	2.65	0.0032
-10	2.42	0.0030
0	1.53	0.0019
10	1.95	0.0024
20	2.38	0.0029
30	1.99	0.0024
40	2.34	0.0029
50	2.26	0.0028
60	1.62	0.0020
70	1.91	0.0023

LTE NB-IoT 1 Band 26 (Part 90) / 15k / 823.8 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.49	0.0018
3.70	2.23	0.0027
2.50	2.02	0.0025

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.22	0.0027
-20	2.55	0.0031
-10	2.09	0.0025
0	1.03	0.0013
10	1.31	0.0016
20	1.96	0.0024
30	1.41	0.0017
40	1.63	0.0020
50	2.55	0.0031
60	2.00	0.0024
70	2.79	0.0034

Mode 13: LTE NB-IoT Band 70**LTE NB-IoT 1 Band 70 / 3.75k / 1695.2 MHz**

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	3.83	0.0023
3.70	3.01	0.0018
2.50	2.71	0.0016

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	3.00	0.0018
-20	1.99	0.0012
-10	2.39	0.0014
0	1.84	0.0011
10	2.44	0.0014
20	2.79	0.0016
30	2.00	0.0012
40	2.20	0.0013
50	1.89	0.0011
60	3.13	0.0018
70	2.91	0.0017

LTE NB-IoT 1 Band 70 / 3.75k / 1702.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.47	0.0015
3.70	2.23	0.0013
2.50	1.16	0.0007

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.51	0.0009
-20	1.91	0.0011
-10	2.32	0.0014
0	1.70	0.0010
10	1.88	0.0011
20	0.97	0.0006
30	1.83	0.0011
40	2.21	0.0013
50	1.18	0.0007
60	1.68	0.0010
70	1.69	0.0010

LTE NB-IoT 1 Band 70 / 3.75k / 1709.8 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	3.48	0.0020
3.70	3.36	0.0020
2.50	3.46	0.0020

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.44	0.0008
-20	0.27	0.0002
-10	2.97	0.0017
0	3.32	0.0019
10	2.52	0.0015
20	2.68	0.0016
30	3.88	0.0023
40	2.44	0.0014
50	1.92	0.0011
60	2.41	0.0014
70	2.46	0.0014

LTE NB-IoT 1 Band 70 / 15k / 1695.2 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	3.09	0.0018
3.70	3.01	0.0018
2.50	1.81	0.0011

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.47	0.0009
-20	3.10	0.0018
-10	2.27	0.0013
0	3.58	0.0021
10	3.15	0.0019
20	2.10	0.0012
30	2.28	0.0013
40	2.83	0.0017
50	2.22	0.0013
60	2.39	0.0014
70	2.28	0.0013

LTE NB-IoT 1 Band 70 / 15k / 1702.5 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.48	0.0009
3.70	2.54	0.0015
2.50	1.47	0.0009

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.02	0.0012
-20	2.96	0.0017
-10	0.40	0.0002
0	1.66	0.0010
10	0.93	0.0005
20	0.51	0.0003
30	0.20	0.0001
40	0.68	0.0004
50	1.70	0.0010
60	1.30	0.0008
70	1.36	0.0008

LTE NB-IoT 1 Band 70 / 15k / 1709.8 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.33	0.0008
3.70	2.21	0.0013
2.50	1.69	0.0010

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.18	0.0013
-20	1.95	0.0011
-10	2.59	0.0015
0	2.42	0.0014
10	3.03	0.0018
20	1.94	0.0011
30	2.23	0.0013
40	1.95	0.0011
50	2.20	0.0013
60	1.96	0.0011
70	1.56	0.0009

Mode 14: LTE NB-IoT Band 85**LTE NB-IoT 1 Band 85 / 3.75k / 698.2 MHz**

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	3.19	0.0046
3.70	3.01	0.0043
2.50	2.11	0.0030

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.69	0.0039
-20	3.13	0.0045
-10	2.75	0.0039
0	2.89	0.0041
10	2.80	0.0040
20	1.98	0.0028
30	3.12	0.0045
40	2.84	0.0041
50	2.31	0.0033
60	2.29	0.0033
70	2.43	0.0035

LTE NB-IoT 1 Band 85 / 3.75k / 707 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	0.46	0.0007
3.70	1.75	0.0025
2.50	1.92	0.0027

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.13	0.0030
-20	1.70	0.0024
-10	2.78	0.0039
0	1.90	0.0027
10	2.56	0.0036
20	2.79	0.0039
30	2.95	0.0042
40	1.63	0.0023
50	2.31	0.0033
60	2.73	0.0039
70	3.31	0.0047

LTE NB-IoT 1 Band 85 / 3.75k / 715.8 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.80	0.0039
3.70	2.37	0.0033
2.50	1.72	0.0024

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.55	0.0022
-20	2.19	0.0031
-10	1.68	0.0023
0	1.88	0.0026
10	1.87	0.0026
20	1.18	0.0016
30	2.63	0.0037
40	1.96	0.0027
50	1.47	0.0021
60	1.74	0.0024
70	1.60	0.0022

LTE NB-IoT 1 Band 85 / 15k / 698.2 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	2.64	0.0038
3.70	3.01	0.0043
2.50	2.28	0.0033

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.87	0.0027
-20	2.01	0.0029
-10	1.63	0.0023
0	2.45	0.0035
10	3.02	0.0043
20	1.29	0.0018
30	2.02	0.0029
40	2.77	0.0040
50	2.44	0.0035
60	2.36	0.0034
70	2.62	0.0038

LTE NB-IoT 1 Band 85 / 15k / 707 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	1.55	0.0022
3.70	2.80	0.0040
2.50	2.70	0.0038

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	2.36	0.0033
-20	1.95	0.0028
-10	2.98	0.0042
0	1.00	0.0014
10	2.64	0.0037
20	2.13	0.0030
30	1.10	0.0016
40	2.31	0.0033
50	2.98	0.0042
60	2.81	0.0040
70	2.20	0.0031

LTE NB-IoT 1 Band 85 / 15k / 715.8 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
4.35	0.35	0.0005
3.70	1.50	0.0021
2.50	1.70	0.0024

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.18	0.0016
-20	1.32	0.0018
-10	3.00	0.0042
0	2.37	0.0033
10	2.52	0.0035
20	2.77	0.0039
30	1.97	0.0028
40	2.95	0.0041
50	2.92	0.0041
60	2.04	0.0028
70	1.53	0.0021