

Temperature-dependance :	TFS380K
date	9/16/2004
design	DART380KQ31
material	Quarz, 36,5°
E.Nr.	E3836
technology	Lift off
measured bandwidth 1	3 dB
measured bandwidth 2	40 dB
test-board	tft031

temperature	IL1	frq1	bw1	IL2	frq2	bw2	Delta f1	Delta f2
	[dB]	[MHz]	[MHz]	[dB]	[MHz]	[MHz]		
-40	-11.229	379.959	4.870	-11.231	379.973	8.771	-78	-61
-30	-11.375	379.976	4.868	-11.388	379.984	8.751	-61	-51
-20	-11.562	379.996	4.862	-11.572	380.000	8.753	-41	-34
-10	-11.766	380.019	4.841	-11.777	380.014	8.769	-18	-20
0	-11.991	380.036	4.826	-12.002	380.025	8.755	-1	-9
10	-12.212	380.037	4.840	-12.213	380.024	8.745	0	-10
20	-12.420	380.036	4.848	-12.433	380.034	8.741	0	-1
30	-12.659	380.035	4.853	-12.673	380.031	8.753	-1	-4
40	-12.872	380.033	4.857	-12.873	380.034	8.770	-4	0
50	-13.066	380.027	4.853	-13.075	380.024	8.761	-10	-11
60	-13.290	380.016	4.854	-13.289	380.017	8.786	-21	-18
70	-13.515	380.004	4.853	-13.520	379.996	8.780	-32	-38
80	-13.732	379.987	4.849	-13.735	379.987	8.819	-49	-47
90	-13.757	379.985	4.849	-13.784	379.974	8.820	-51	-60

temperature coefficient of frequency (1) **-0.041** ppm/K² turn over temperature (1) / °C **31.6**
temperature coefficient of frequency (2) **-0.038** ppm/K² turn over temperature (2) / °C **25.2**

