

Temperature-dependance :	TFS170N
date	9/16/2004
design	DART170NQ11
material	Quarz, 36,5°
E.Nr.	E3838
technology	Lift off
measured bandwidth 1	1 dB
measured bandwidth 2	40 dB
test-board	tft050

temperature	IL1	frq1	bw1	IL2	frq2	bw2	Delta f1	Delta f2
	[dB]	[MHz]	[MHz]	[dB]	[MHz]	[MHz]	[kHz]	[kHz]
-10	-6.139	170.607	0.317	-6.143	170.602	1.283	-14	-19
0	-6.264	170.613	0.318	-6.266	170.609	1.281	-8	-11
10	-6.384	170.617	0.318	-6.384	170.613	1.277	-4	-7
20	-6.510	170.620	0.319	-6.512	170.620	1.282	-1	-1
30	-6.631	170.621	0.318	-6.635	170.620	1.284	0	-1
40	-6.762	170.621	0.317	-6.765	170.620	1.288	-1	0
50	-6.900	170.618	0.315	-6.902	170.619	1.290	-3	-1
60	-7.045	170.615	0.313	-7.047	170.615	1.297	-6	-5
70	-7.194	170.609	0.311	-7.199	170.613	1.297	-12	-8
80	-7.350	170.603	0.309	-7.355	170.603	1.299	-19	-17
90	-7.501	170.595	0.307	-7.502	170.597	1.299	-26	-23

temperature coefficient of frequency (1) **-0.046 ppm/K²** turn over temperature (1) / °C **32.0**
temperature coefficient of frequency (2) **-0.054 ppm/K²** turn over temperature (2) / °C **37.4**

