

Temperature-dependance :	TFS468M
date	5/29/2007
design	DART468MT11
material	LiTaO3, weiß, 112°
E.Nr.	E5947
technology	Lift off, 160nm
measured bandwidth 1	3dB
measured bandwidth 2	15dB
test-board	TFP7x5B

temperature	IL1	frq1	bw1	IL2	frq2	bw2	Delta f1	Delta f2
	[dB]	[MHz]	[MHz]	[dB]	[MHz]	[MHz]	[kHz]	[kHz]
-40	-8.859	468.609	12.007	-8.862	468.618	13.139	0	0
-30	-8.881	468.506	12.004	-8.879	468.513	13.137	-103	-105
-20	-8.926	468.412	12.004	-8.926	468.416	13.134	-198	-202
-10	-9.006	468.326	12.011	-9.001	468.325	13.132	-284	-294
0	-9.134	468.237	12.018	-9.136	468.227	13.132	-372	-391
10	-9.271	468.157	12.028	-9.270	468.140	13.131	-452	-478
20	-9.438	468.077	12.036	-9.433	468.050	13.131	-533	-568
30	-9.616	468.004	12.044	-9.607	467.970	13.132	-605	-649
40	-9.794	467.934	12.049	-9.791	467.890	13.133	-676	-729
50	-9.951	467.865	12.052	-9.954	467.813	13.134	-744	-805
60	-10.131	467.801	12.055	-10.138	467.742	13.134	-808	-877
70	-10.347	467.740	12.054	-10.335	467.676	13.134	-870	-942
80	-10.569	467.684	12.048	-10.574	467.614	13.136	-926	-1,005
90	-10.827	467.631	12.044	-10.824	467.557	13.136	-978	-1,061

temperature coefficient of frequency (1) **16.071** ppm/K
temperature coefficient of frequency (2) **17.439** ppm/K

