

Temperature-dependance :	TFS398K
date	5/18/2007
design	SFIF398KT12
material	LiTaO3, weiß, 112°
E.Nr.	E5946
technology	Lift off, 148nm
measured bandwidth 1	3dB
measured bandwidth 2	35dB
test-board	TFP5x5A

temperature	IL1	frq1	bw1	IL2	frq2	bw2	Delta f1	Delta f2
	[dB]	[MHz]	[MHz]	[dB]	[MHz]	[MHz]	[kHz]	[kHz]
-20	-9.468	397.828	14.025	-9.471	398.195	20.930	0	0
-10	-9.686	397.756	14.019	-9.688	398.097	20.912	-72	-98
0	-9.897	397.690	14.009	-9.894	398.009	20.893	-138	-186
10	-10.095	397.626	13.989	-10.094	397.926	20.871	-202	-269
20	-10.330	397.554	13.960	-10.330	397.835	20.845	-274	-360
30	-10.560	397.489	13.939	-10.558	397.755	20.825	-339	-440
40	-10.805	397.423	13.914	-10.802	397.678	20.804	-405	-517
50	-11.066	397.361	13.889	-11.067	397.612	20.787	-467	-583
60	-11.352	397.302	13.866	-11.353	397.550	20.771	-526	-645
70	-11.633	397.246	13.841	-11.631	397.490	20.755	-582	-705
80	-11.939	397.190	13.809	-11.937	397.429	20.735	-638	-766
90	-12.264	397.135	13.777	-12.263	397.370	20.718	-693	-825

temperature coefficient of frequency (1) **15.847 ppm/K**
temperature coefficient of frequency (2) **18.845 ppm/K**

