

Temperature-dependance :	TFS468L
date	12/17/2007
design	SFIT468LT21
material	LiTaO3
E.Nr.	E6536
technology	Lift off
measured bandwidth 1	3dB
measured bandwidth 2	15dB
test-board	tft035

temperature	IL1	frq1	bw1	IL2	frq2	bw2	Delta f1	Delta f2
	[dB]	[MHz]	[MHz]	[dB]	[MHz]	[MHz]		
-40	-9.175	468.099	25.581	-9.176	468.326	29.204	0	0
-30	-9.348	468.019	25.588	-9.347	468.230	29.198	-80	-97
-20	-9.529	467.939	25.594	-9.526	468.135	29.192	-160	-191
-10	-9.705	467.856	25.583	-9.705	468.039	29.184	-243	-287
0	-9.881	467.783	25.564	-9.877	467.952	29.175	-316	-374
10	-10.068	467.704	25.550	-10.075	467.860	29.164	-395	-466
20	-10.267	467.633	25.532	-10.272	467.775	29.149	-466	-551
30	-10.463	467.563	25.505	-10.463	467.690	29.131	-536	-636
40	-10.666	467.497	25.484	-10.665	467.612	29.111	-602	-715
50	-10.880	467.428	25.459	-10.886	467.530	29.091	-671	-796
60	-11.095	467.360	25.416	-11.095	467.451	29.062	-739	-875
70	-11.306	467.295	25.363	-11.306	467.378	29.033	-804	-948
80	-11.530	467.232	25.300	-11.533	467.309	28.997	-867	-1,017
90	-11.795	467.171	25.243	-11.797	467.242	28.963	-928	-1,084

temperature coefficient of frequency (1) **15.260 ppm/K**
temperature coefficient of frequency (2) **17.826 ppm/K**

