

<b>Temperature-dependance :</b>	<b>TFS456AH</b>
date	7/11/2007
design	DART456AHT14
material	LiTaO3, weiß, 112°
E.Nr.	E6106
technology	Lift off, 137nm
measured bandwidth 1	3dB
measured bandwidth 2	38dB
test-board	TFP7x5B

temperature	IL1	frq1	bw1	IL2	frq2	bw2	Delta f1	Delta f2
	[dB]	[MHz]	[MHz]	[dB]	[MHz]	[MHz]	[kHz]	[kHz]
-40	-7.781	456.093	13.665	-7.780	456.462	22.410	0	0
-30	-7.902	456.015	13.665	-7.899	456.353	22.410	-78	-109
-20	-8.029	455.940	13.675	-8.029	456.247	22.403	-153	-215
-10	-8.179	455.866	13.672	-8.179	456.136	22.389	-227	-325
0	-8.330	455.800	13.666	-8.329	456.035	22.382	-294	-427
10	-8.502	455.722	13.664	-8.506	455.932	22.390	-371	-529
20	-8.675	455.652	13.653	-8.679	455.844	22.392	-441	-617
30	-8.848	455.591	13.648	-8.851	455.767	22.403	-503	-695
40	-9.028	455.534	13.647	-9.026	455.691	22.391	-560	-771
50	-9.206	455.472	13.622	-9.210	455.606	22.357	-621	-856
60	-9.404	455.410	13.589	-9.409	455.525	22.320	-683	-937
70	-9.599	455.351	13.546	-9.605	455.444	22.293	-742	-1,017
80	-9.800	455.297	13.504	-9.803	455.369	22.265	-797	-1,093
90	-10.033	455.249	13.460	-10.031	455.305	22.247	-845	-1,157

temperature coefficient of frequency (1)      **14.260** ppm/K  
temperature coefficient of frequency (2)      **19.524** ppm/K

