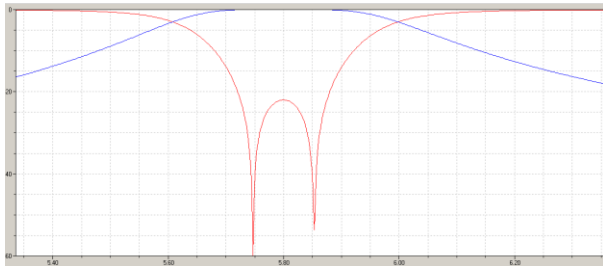


Resonator filter with:

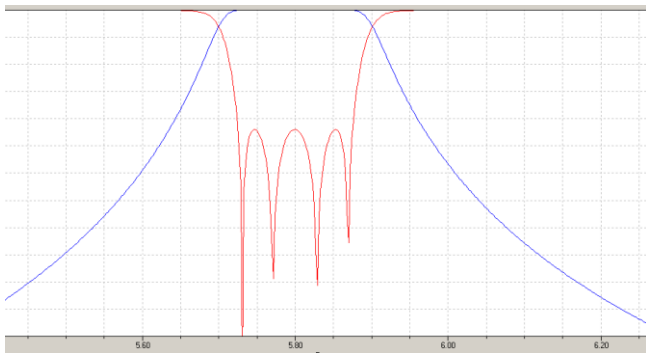
$f_0 = 5.8 \text{ GHz}$, $\text{BW} = 150 \text{ MHz}$, $\text{R.L.} = 22\text{dB}$

Filter order: 4 (2 Resonators), no TX-zeros (no cross couplings)



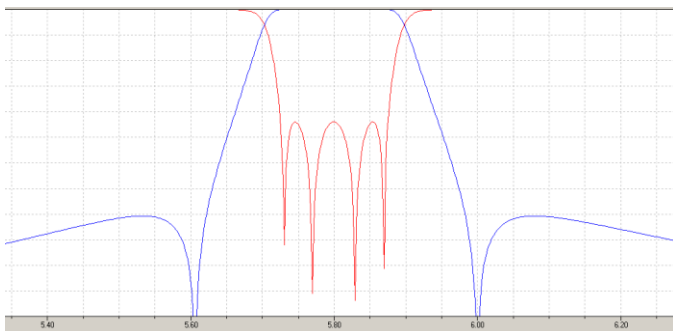
0	1,3047	0	0
1,3047	0	1,8432	0
0	1,8432	0	1,3047
0	0	1,3047	0

Filter order: 8 (4 Resonators), no TX-zeros (no cross couplings)



0	1,0822	0	0	0	0
1,0822	0	0,95999	0	0	0
0	0,95999	0	0,72676	0	0
0	0	0,72676	0	0,95999	0
0	0	0	0,95999	0	1,0822
0	0	0	0	1,0822	0

Filter order: 8 (4 Resonators), 2 TX-zeros (with cross couplings)



0	1,0742	0	0	0	0
1,0742	6,1234E-6	0,93605	0	-0,10621	0
0	0,93605	1,9087E-5	0,76638	5,0779E-5	0
0	0	0,76638	-6,4062E-5	0,93605	0
0	-0,10621	5,0779E-5	0,93605	6,1234E-6	1,0742
0	0	0	0	1,0742	0