what(freq)
Dependency : [Pin,freq]
Num. Points : [101,25]
Matrix Size : scalar
Type   : Real

freq[0,1]
150.0 MHz

freq	Mix[1, ::]	
	(1)	(2)
0.0000 Hz	0	0
150.0 MHz	1	-1
300.0 MHz	2	-2
450.0 MHz	3	-3
2.550 GHz	-2	3
2.700 GHz	-1	2
2.850 GHz	0	1
3.000 GHz	1	0
3.150 GHz	2	-1
3.300 GHz	3	-2
5.550 GHz	-1	3
5.700 GHz	0	2
5.850 GHz	1	1
6.000 GHz	2	0
6.150 GHz	3	-1
8.550 GHz	0	3
8.700 GHz	1	2
8.850 GHz	2	1
9.000 GHz	3	0
11.55 GHz	1	3
11.70 GHz	2	2
11.85 GHz	3	1
14.55 GHz	2	3
14.70 GHz	3	2
17.55 GHz	3	3

m3
Pin=-7.000
dBm(Vout[::,1])=21.943
Pin + linear_gain_dB=22.922

Eqn linear_gain_dB = dBm(Vout[0, 1]) - Pin[0]