

	A	B	C	D	E	F	G	H	I	J	K
1	<b><u>Deemphasis in FM- R adios Whats the difference between 50 and 75 usec timeconstant?</u></b>										
2											
3		Hans M. Knoll Germany		30.12.2006							
4											
5		Funktion of an lowpass R= 100 Kohm, C= 500pF or 750pF					or 50Kohm and 1000pF or 1500 pF				
6											
7		<b><u>Audio Response in Dezibel</u></b>									
8											
9		30 Hz	300Hz	500Hz	1kc	3kc	5kc	8kc	10kc	12,5 kc	15kc
10	US-Norm										
11	75 usec	0	-0,09	-0,23	-0,87	-4,77	-8,16	-11,82	-13,65	-15,52	-17,07
12	in dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB
13	EURO-Norm										
14	50 usec	0	-0,04	-0,11	-0,41	-2,76	-5,40	-8,64	-10,36	-12,15	-13,65
15	in dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB
16											
17	Difference	0,00	-0,05	-0,13	-0,46	-2,01	-2,76	-3,18	-3,29	-3,37	-3,42
18	in dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB
19											
20											
21											
22											