

Ultrasonic Board PCUS 11

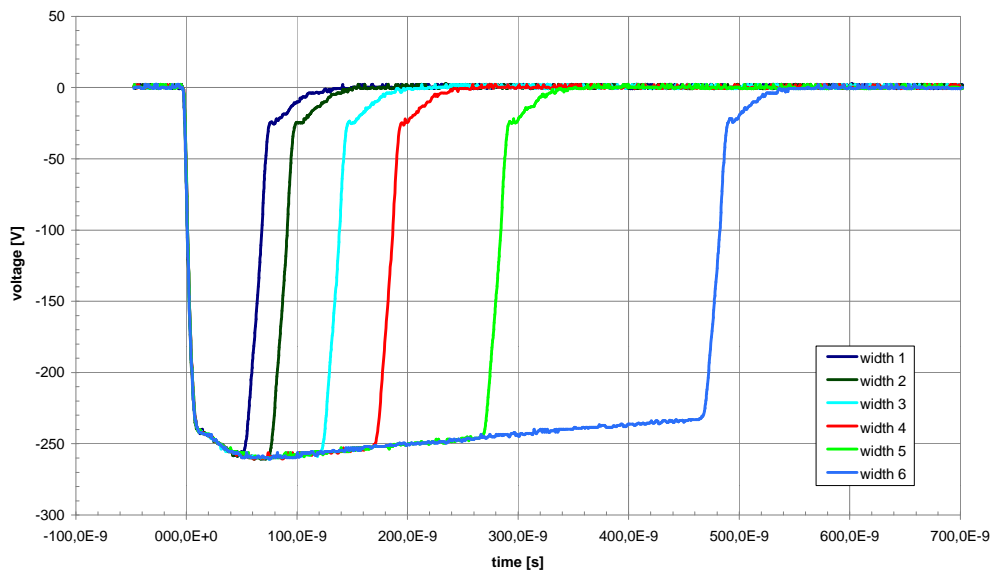
Doc. #:
DUSK03D-DDB002/0

Pulser

Technical Data

compliant specification: european standard prEN12668-1 (December 1996)

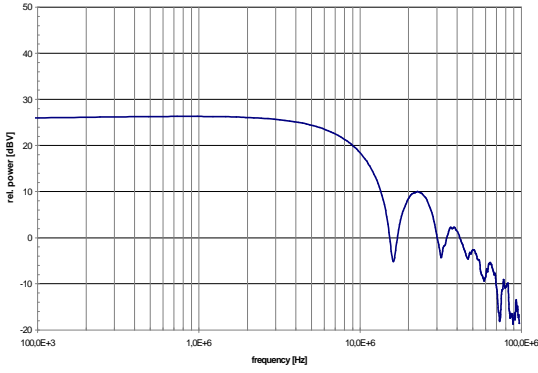
Pulse Shape	Input Impedance	Pulse Energy	Amplitude	square, negative			
				50Ω, 300Ω			
Pulse Rise Time	Pulse Fall Time	Effective Output Impedance	Input Impedance	50Ω		300Ω	
				open (without probe)	-300V	-200V	-550V
Pulse Duration	Pulse Reverberation	on 50Ω external	on 50Ω external	-180V	-135V	-260V	-195V
				8ns	7ns	9,5ns	8ns
				17,5ns	16ns	20ns	18ns
				tbd.		tbd.	
				63ns , 87ns , 135ns , 180ns , 280ns , 480ns			
				<500mV			



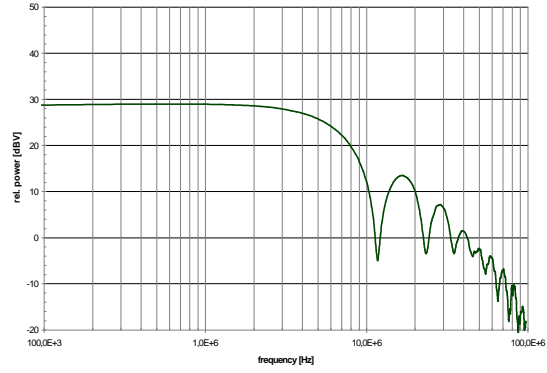
Frequency Spectra	on 50Ω external	
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Pulser

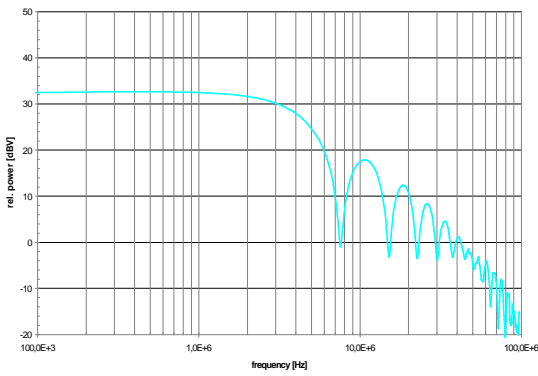
Technical Data



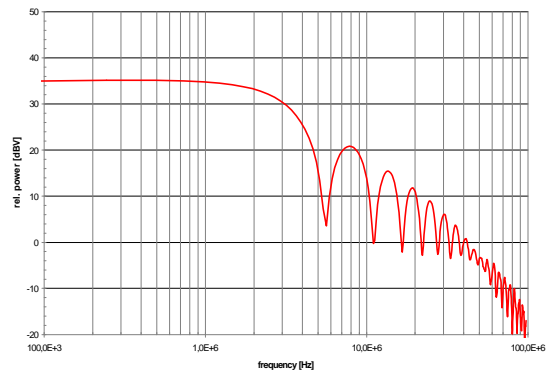
Pulse width 1



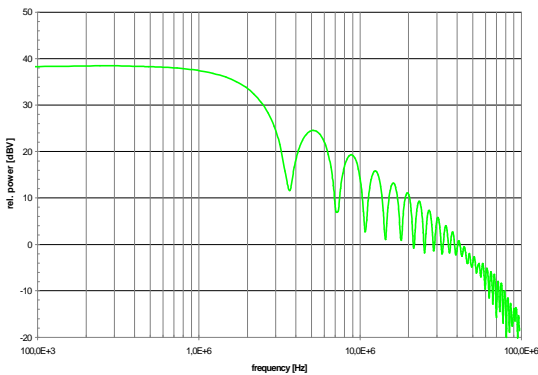
Pulse width 2



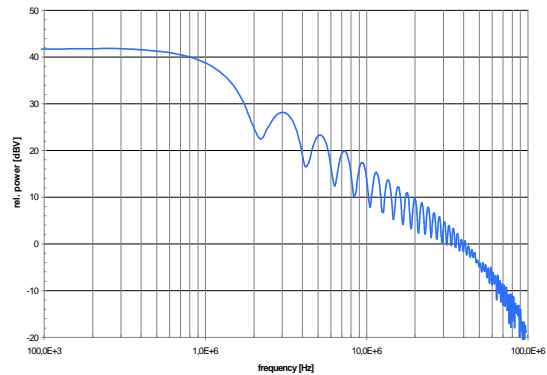
Pulse width 3



Pulse width 4



Pulse width 5



Pulse width 6