

Parameter	Symbol	Value
Sampling frequency	f_s	250 MHz
Sample time interval	ΔT_s	$\frac{1}{f_s} = 4ns$
Length of the transmit signal sequence	L_p	256 Samples
Period time of the transmit signal sequence	T_p	$L_p \Delta T_s = 1.024\mu s$
Number of sequence periods within a channel measurement „snapshot“	N_p	10
Time duration of one snapshot	T_{snap}	$10 T_p = 10.24\mu s$
Time distance of consecutive snapshots	ΔT_{snap}	$1000 T_p = 1.024ms$
Number of snapshots within a measurement „set“	N_{snap}	64
Time duration of one set	T_{set}	$63 \Delta T_{snap} + T_{snap} = 64.52\mu s$
Time distance of consecutive sets	ΔT_{set}	$10^5 T_p = 102.4ms$
Number of sets within a transmission	N_{set}	10
Length of the received signal in number of samples		$L_p N_p N_{snap} N_{set} = 1638400$