

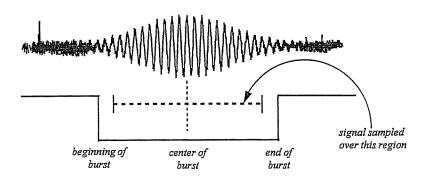
Seed Particles - Air and Water

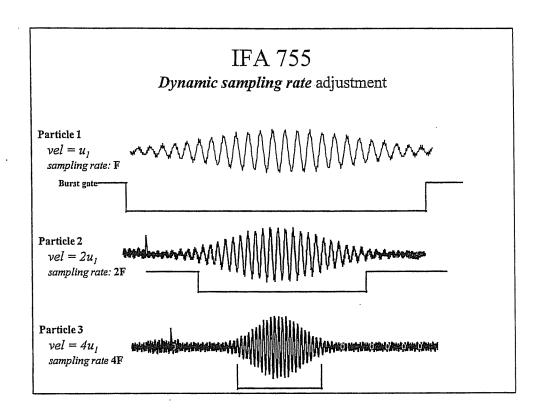
Particles	Medium	Density (g/cc)	Refractive Index	Dia (μm)
Silicon Carbide	Air/Water	3.2	2.65	1.5
Nylon	Air/Water	1.14	1.53	4.0
PSL	Air	1.05	1.55-1.6	0.5
TiO2	Air/Water	4.2	2.6	3-5
Hollow glass beads (HGB)	Air	1.05-1.15	1.5	8-12
Metal coated HGB	Water	1.65	0.21 (R) 2.62 (I)	14
Peanut oil	Air	0.91	1.47	

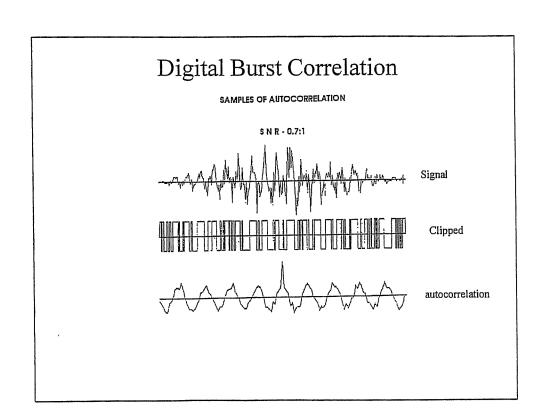
Digital Burst Autocorrelator IFA 755

☐ IFA 755 or 655 Burst Detector

- center portion of the signal is sampled at the optimum rate
 - · center portion of the signal has the best signal quality
 - burst centering is used to sample the middle portion of the burst
 - collects the large number of samples always from all bursts







A 756 gammia arreagamaineina mancana.