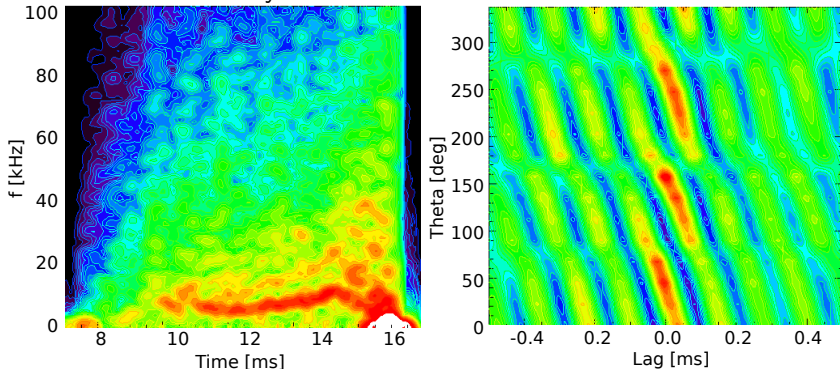


Magnetohydrodynamic studies

Array of 16 Mirnov coils has been installed. Magnetic islands detected at low q regime of tokamak $m = 3$ magnetic island – shown by cross-correlation analysis of 14 – 15 ms interval



Spectrogram of B_θ perturbations detected by a Mirnov coil located on $\theta = \pi/2$, Cross-correlation coefficients of B_θ perturbation signal on an array of 16 Mirnov coils. Reference coil chosen on $\theta = \pi/2$