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Transition Losses vs. Beam Intensity

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NO.57 Blumberg 5. Rala ALS Studies 3/15/74 0800-1600 It was whiled that and in the achieved of an phase sump is adjusted sothert an outward radial lycunion is ch Mand (this is an old trick). as the intensity is ingefased the watch flowly pour but but 5x10'2 Me salled trans Therewere less at higher intersities. This is not fully sendlestad get but witally the radial loop reporte is makel. At 6x10' and sould adjust the plase zimpand Timin velice 10 wsec range and Obtain "Transition lasses" from 12-207 to once and accepts considerable debauching Transition parameters we not to mitual. lith the intensity in the neighborhood of 3×10° and no dilution The hannahilter period on 12/1173 was present. The period weis used to study this effect and the following observations well made. 1. When outstrong detected radial signals the blow up is not seen andl PUE a VIZ. H-7, D-7, F-15 show it but D-15, I-7, J-7 etc plus new PUE off-9,8da 2. 1-1-7 when viewed with RF difference inducates within the banch pisit in variations but other PUE's dont 3. One sees sees different bungles with different radial prestant but no distruct bongitudinal mode member can be dischard. 4. Very small betother asultations about different radial posite A. Very small her bendes can alto be selver approved many prime one for a flat bendes can alto be selver serviced rached pan 5. Enter all 2.5 × 10° when the most serviced rached pan H-7 dals not indicate the presence of the Effect the FEB on the H-10 flag for he blown up both H&V. 1. (as mentioned on 12/1173) the related de pale instability that occurs at around 320 miles con also be seen if the radue at 11-7 it adjusted to be <0. The houghtal instability occurs from 380 - to 400 wsee Nor H-7 DF >0. to 400 will for H7 DF > 0.