

Length of Fiber (Km)	Signal	Noise	SNR (dB)	Smoothed Y1	Signal	Noise	SNR (dB)	Smoothed Y3	Signal	Noise	SNR (dB)	Smoothed Y4	Signal	Noise	SNR (dB)	Smoothed Y2			
		3 pulse DCF+EDFA+SMF		3 pulse DCF+EDFA+SMF		2 pulse DCF+SMF		2 pulse DCF+SMF		2 pulse DCF+EDFA+SMF		2 pulse DCF+EDFA+SMF		3 Pulse DCF+SMF		3 Pulse DCF+SMF			
10*log(col(B)/col(C))				3.244E-15				10*log(col(E)/col(F))				10*log(col(H)/col(I))				10*log(col(K)/col(L))			
10	2.7737E-10	3.196E-15	49.38453	51.01095	1.6948E-11	3.244E-15	37.18038	38.04298	1.033E-8	7.13332E-10	11.60809	12.43222	6.17855E-10	6.336E-15	49.89071	50.25469			
20	2.60358E-10	3.185E-15	49.12461	47.37473	1.4485E-11	3.244E-15	36.49838	33.90289	4.235E-9	2.87769E-10	11.67809	11.64974	2.75636E-10	6.415E-15	46.33139	46.17364			
30	7.2904E-11	3.209E-15	43.56382	43.89306	1.62E-12	3.244E-15	26.98434	30.18949	1.693E-9	1.16E-10	11.64199	10.86509	1.08997E-10	6.49E-15	42.2517	42.24019			
40	5.1761E-11	3.234E-15	42.04263	40.56595	2.535E-12	3.244E-15	28.92897	26.9028	6.73993E-10	4.4724E-11	11.78115	10.07828	4.695E-11	6.301E-15	38.72226	38.45434			
50	1.7259E-11	3.181E-15	37.34452	37.39341	8.09309E-13	3.244E-15	23.97034	24.04281	2.69734E-10	3.5E-11	8.86868	9.2893	1.9311E-11	6.277E-15	34.88053	34.81608			
60	6.878E-12	3.181E-15	33.34899	34.37542	3.52187E-13	3.244E-15	20.35692	21.60952	1.52894E-10	2.604E-11	7.68749	8.06531	1.0536E-11	6.437E-15	32.13992	31.32543			
70	6.135E-12	3.189E-15	32.8416	31.51199	4.06194E-13	3.244E-15	20.97653	19.60293	4.459E-11	1.0078E-11	6.45863	7.0799	3.682E-12	6.484E-15	27.54241	27.98238			
80	1.258E-12	3.186E-15	25.96435	28.80313	1.87098E-13	3.244E-15	17.60988	18.02304	1.896E-11	4.021E-12	6.73504	6.76129	1.707E-12	6.329E-15	24.30898	24.78692			
90	1.315E-12	3.164E-15	26.18689	26.24882	1.308E-13	3.244E-15	16.05527	16.86985	8.259E-12	1.618E-12	7.07949	6.84897	8.77011E-13	6.277E-15	21.45253	21.73907			
100	1.1E-12	3.166E-15	25.40882	23.84908	1.60358E-13	3.244E-15	16.9401	16.14336	3.643E-12	6.50372E-13	7.48297	7.34292	4.44466E-13	6.426E-15	18.39898	18.83882			