

April 15, 1999

S800 Copper shorthaul

UI (ns)

1017.3

Jitter output	ps				UI			
Compliance Point	DJ pk-pk	RJ RMS	RJ pk-pk	TJ pk-pk	DJ pk-pk	RJ RMS	RJ pk-pk	TJ pk-pk
TP1	102	8.7	122	224	0.10	0.009	0.120	0.22
TP1 to TP2	20	5.2	73	93	0.02	0.005	0.072	0.091
TP2	122	10.14	142	264	0.12	0.010	0.140	0.26
TP2 to TP3	264	8.4	118	382	0.26	0.008	0.116	0.376
TP3	386	13.17	184	570	0.38	0.013	0.181	0.56
TP3 to TP4	21	5.8	81	102	0.02	0.006	0.080	0.100
TP4	407	14.39	201	608	0.40	0.014	0.198	0.60

Notes:

Blue is the raw data, bold are the normative values

Jitter tolerance	ps					UI				
Compliance Point	DJ pk-pk	RJ RMS	RJ pk-pk	Sinusoidal pk-pk	TJ pk-pk	DJ pk-pk	RJ RMS	RJ pk-pk	Sinusoidal pk-pk	TJ pk-pk
TP1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TP2	122	10.14	142	102	366	0.12	0.010	0.140	0.100	0.36
TP3	386	13.17	184	102	672	0.38	0.013	0.181	0.100	0.66
TP4	407	14.39	201	102	710	0.40	0.014	0.198	0.100	0.70

April 15, 1999

S1600 Copper shorthaul

UI (ns)

508.65 1017.3

Jitter output Compliance Point	ps				UI			
	DJ pk-pk	RJ RMS	RJ pk-pk	TJ pk-pk	DJ pk-pk	RJ RMS	RJ pk-pk	TJ pk-pk
TP1	51	5.8	81	132	0.10	0.011	0.159	0.26
TP1 to TP2	10	1.3	18	28	0.02	0.003	0.035	0.055
TP2	61	5.94	83	144	0.12	0.012	0.163	0.28
TP2 to TP3	145	1.5	21	166	0.29	0.003	0.041	0.326
TP3	206	6.13	86	292	0.40	0.012	0.169	0.57
TP3 to TP4	10	1.3	18	28	0.02	0.003	0.035	0.055
TP4	216	6.27	88	304	0.42	0.012	0.173	0.60

Notes:

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Jitter tolerance Compliance Point	ps					UI				
	DJ pk-pk	RJ RMS	RJ pk-pk	Sinusoida I pk-pk	TJ pk-pk	DJ pk-pk	RJ RMS	RJ pk-pk	Sinusoida I pk-pk	TJ pk-pk
TP1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TP2	61	5.94	83	51	195	0.12	0.012	0.163	0.100	0.38
TP3	206	6.13	86	51	343	0.40	0.012	0.169	0.100	0.67
TP4	216	6.27	88	51	355	0.42	0.012	0.173	0.100	0.70

April 15, 1999

S800 MMF shorthaul

UI (ns)

1017.3

Jitter output	ps				UI			
Compliance Point	DJ pk-pk	RJ RMS	RJ pk-pk	TJ pk-pk	DJ pk-pk	RJ RMS	RJ pk-pk	TJ pk-pk
TP1	102	8.7	122	224	0.10	0.009	0.120	0.22
TP1 to TP2	112	13.4	188	300	0.11	0.013	0.185	0.295
TP2	214	15.98	224	438	0.21	0.016	0.220	0.43
TP2 to TP3	31	5	70	101	0.03	0.005	0.069	0.099
TP3	245	16.74	234	479	0.24	0.016	0.230	0.47
TP3 to TP4	173	5	70	243	0.17	0.005	0.069	0.239
TP4	418	17.47	245	663	0.41	0.017	0.241	0.65

Notes:

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Jitter tolerance	ps					UI				
Compliance Point	DJ pk-pk	RJ RMS	RJ pk-pk	Sinusoidal pk-pk	TJ pk-pk	DJ pk-pk	RJ RMS	RJ pk-pk	Sinusoidal pk-pk	TJ pk-pk
TP1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TP2	214	15.98	173	102	489	0.21	0.016	0.170	0.100	0.48
TP3	245	16.74	183	102	530	0.24	0.016	0.180	0.100	0.52
TP4	418	17.47	194	102	714	0.41	0.017	0.191	0.100	0.70

April 15, 1999

S1600 MMF shorthaul

UI (ns) 508.65 1017.3

Jitter output Compliance Point	ps				UI			
	DJ pk-pk	RJ RMS	RJ pk-pk	TJ pk-pk	DJ pk-pk	RJ RMS	RJ pk-pk	TJ pk-pk
TP1	51	5.8	81	132	0.10	0.011	0.159	0.26
TP1 to TP2	51	4	56	107	0.10	0.008	0.110	0.210
TP2	102	7.05	99	201	0.20	0.014	0.195	0.40
TP2 to TP3	25	2.5	35	60	0.05	0.005	0.069	0.118
TP3	127	7.48	105	232	0.25	0.015	0.206	0.46
TP3 to TP4	70	2.2	31	101	0.14	0.004	0.061	0.199
TP4	197	7.8	109	306	0.39	0.015	0.214	0.60

Notes:

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Jitter tolerance Compliance Point	ps					UI				
	DJ pk-pk	RJ RMS	RJ pk-pk	Sinusoidal pk-pk	TJ pk-pk	DJ pk-pk	RJ RMS	RJ pk-pk	Sinusoidal pk-pk	TJ pk-pk
TP1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TP2	102	7.05	74	51	227	0.20	0.014	0.145	0.100	0.45
TP3	127	7.48	80	51	258	0.25	0.015	0.157	0.100	0.51
TP4	197	7.8	84	51	332	0.39	0.015	0.165	0.100	0.65

Output jitter requirements - comparisons

	S400	S800	S1600
	1394-1995		
	ps	ps	ps
TP1	150	224	132
TP2	150	264	144
TP3	315	570	292
TP4	315	608	304