

Conv-ttl-blo test installation in CPS

Source	Destination	comments
CTRV out ch1	PR in ch1 (TTL)	
PR out ch1	TSM start in	
CTRV out ch2	Conv-ttl-blo TTL in ch1	
Conv-ttl-blo TTL out ch1	Conv-ttl-blo TTL in ch2	
Conv-ttl-blo TTL out ch2	Conv-ttl-blo TTL in ch3	
Conv-ttl-blo TTL out ch3	Conv-ttl-blo TTL in ch4	
Conv-ttl-blo BLO out1 ch1	Cable 200012 to build. 269	Loop-back in build. 269
Cable 200013 from build. 269	PR in ch8 (BLO) + 50ohm termination!	
PR out ch8	TSM in ch1	
Conv-ttl-blo BLO out2 ch1	TSM in ch2 + 50ohm termination!	
Conv-ttl-blo BLO out3 ch1	TSM in ch3 + 50ohm termination!	
Conv-ttl-blo BLO out1 ch2	TSM in ch4 + 50ohm termination!	
Conv-ttl-blo BLO out1 ch3	TSM in ch5 + 50ohm termination!	
Conv-ttl-blo BLO out1 ch4	TSM in ch6 + 50ohm termination!	
CTRV out ch3	PR in ch2 (TTL)	
PR out ch2	Cable 70161 to build.359	Loop-back in build.359
Cable 70162 from build. 359	Conv-ttl-blo BLO in ch5	
Conv-ttl-blo TTL out ch5	PR in ch3 (TTL)	
PR out ch3	TSM in ch7	
Conv-ttl-blo BLO out1 ch5	TSM in ch8 + 50ohm termination!	
Conv-ttl-blo BLO out2 ch5	Cable 234801 to build. 193	Loop-back in build. 193
Cable 234802 from build.	TSM in ch9 + 50ohm termination!	
Conv-ttl-blo BLO out3 ch5	PR in ch7 (BLO) + 50ohm termination!	
PR out ch7	TSM in ch10	
CTRV out ch4	Conv-ttl-blo INV in 1	
Conv-ttl-blo INV out 1	Conv-ttl-blo INV in 2	
Conv-ttl-blo INV out 2	Conv-ttl-blo TTL in ch6	
Conv-ttl-blo BLO out1 ch6	TSM in ch11 + 50ohm termination!	
Conv-ttl-blo TTL out ch6	PR in ch4 (TTL)	
PR out ch4	TSM in ch12	
Conv-ttl-blo BLO out2 ch6	Cable 200015 to build. 269	Loop-back in build. 269
Cable 200016 from build. 269	PR in ch6 (BLO) + 50ohm termination!	
PR out ch6	TSM in ch13	
Conv-ttl-blo BLO out3 ch6	Cable 234803 to build. 193	Loop-back in build. 193
Cable 234804 from build, 193	PR in ch5 (BLO) + 50ohm termination!	
PR out ch5	TSM in ch14	

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Building	Cable to building	Cable from building
269	200012	200013
269	200015	200016
359	70161	70162
359	70163	70164
193	234801	234802
193	234803	234804

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TSM input	Description	Time [ms]
start	PX.SCY-CT	0.0000
1	PX.SCY-CT + 100 + tp + t1 + tpr	100.0027
2	PX.SCY-CT + 100 + tp	100.0001
3	PX.SCY-CT + 100 + tp	100.0001
4	PX.SCY-CT + 100 + 2 * tp	100.0001
5	PX.SCY-CT + 100 + 3 * tp	100.0002
6	PX.SCY-CT + 100 + 4 * tp	100.0002
7	PX.SCY-CT + 200 + tp + t2 +tpr	200.0024
8	PX.SCY-CT + 200 + tp + t2	200.0024
9	PX.SCY-CT + 200 + tp + t2 + t3	200.0080
10	PX.SCY-CT + 200 + tp + t2 + tpr	200.0025
11	PX.SCY-CT + 300 + tp	300.0001
12	PX.SCY-CT + 300 + tp +tpr	300.0000
13	PX.SCY-CT + 300 + tp + t4 + tpr	300.0027
14	PX.SCY-CT + 300 + tp + t5 + tpr	300.0057
15		
16		
tp	Conv-ttl-blo propagation time	
tpr	Pulse repeater propagation time	
t1..t5	Building loop-backs propagation time	