

Tests Implemented in USB4 CV

Note 1: This list is provided as a convenience. If there is a conflict, USB4 CV and the USB4 CTS supersede this document.

Note 2: Linux USB4CV implements the same tests as Windows USB4CV, with the exception of Chapter 9 USB3 Tunneling. Currently USB3 tunneling is not supported for Linux.

Chapter	Test Number	Host Support Added	Hub DFP Support Added	Hub UFP Support Added	Device UFP Support Added	Can be Run without Analyzer	Comments
4	TD 4.001	v0.9.9.0	v0.9.9.0	v0.9.8.0	v0.9.8.0	Yes	
	TD 4.002	v0.9.11.0	v0.9.11.0	v0.9.11.0	v0.9.11.0	Yes	
	TD 4.003	v0.9.11.0	v0.9.11.0	v0.9.11.0	v0.9.11.0	Yes	
	TD 4.004	v0.9.8.0	v0.9.8.0	v0.9.8.0	v0.9.8.0		
	TD 4.005	v0.9.5.1	v0.9.8.0	v0.9.5.1	v0.9.5.1	Yes	Gen 4 Iteration implemented in v1.6.0.0.
	TD 4.006	v0.9.9.0	v0.9.8.0	N/A	N/A	Yes	
	TD 4.007	N/A	N/A	0.9.8.0	0.9.8.0		
	TD 4.008	N/A	N/A	N/A	N/A		Deprecated
	TD 4.009	v0.9.7.0	v0.9.8.0	v0.9.7.0	v0.9.7.0		
	TD 4.010	V1.3.0.0	V1.3.0.0	V1.3.0.0	V1.3.0.0		Exerciser version.
	TD 4.011						
	TD 4.012	V1.3.0.0	V1.3.0.0	V1.3.0.0	V1.3.0.0		Exerciser version.
	TD 4.013						
	TD 4.014	V1.3.0.0	V1.3.0.0	N/A	N/A		Exerciser version.
	TD 4.015						
	TD 4.016	V1.3.0.0	V1.3.0.0				
	TD 4.017	N/A	N/A	v0.9.11.0	v0.9.11.0		
	TD 4.018	v0.9.11.0	v0.9.11.0	N/A	N/A		
	TD 4.019	N/A	N/A	N/A	N/A		Deprecated analyzer version
	TD 4.020	V1.2.0.0	V1.2.0.0	V1.2.0.0	V1.2.0.0		
	TD 4.021	N/A	N/A	N/A	N/A		Deprecated
	TD 4.022	N/A	N/A	N/A	N/A		Deprecated
	TD 4.023	N/A	N/A	N/A	N/A		Deprecated
	TD 4.024	N/A	N/A	N/A	N/A		Deprecated
	TD 4.025	N/A	N/A	N/A	N/A		Deprecated
	TD 4.026	N/A	N/A	N/A	N/A		Deprecated
	TD 4.027	v0.9.8.0	v0.9.8.0	v0.9.8.0	v0.9.8.0		
	TD 4.028	v0.9.8.0	v0.9.8.0	v0.9.8.0	v0.9.8.0		
	TD 4.029	v0.9.5.1	v0.9.5.1	v0.9.5.1	v0.9.5.1		
	TD 4.030	v0.9.5.1	v0.9.5.1	v0.9.5.1	v0.9.5.1		
	TD 4.031	v0.9.5.1	v0.9.5.1	v0.9.5.1	v0.9.5.1		
	TD 4.032	v0.9.9.0	v0.9.9.0	v0.9.9.0	v0.9.9.0		
	TD 4.033	v0.9.8.0	v0.9.8.0	v0.9.8.0	v0.9.8.0		
	TD 4.034	v0.9.8.0	v0.9.8.0	v0.9.8.0	v0.9.8.0		
	TD 4.035	v0.9.9.0	v0.9.9.0	v0.9.9.0	v0.9.9.0		

Chapter	Test Number	Host Support Added	Hub DFP Support Added	Hub UFP Support Added	Device UFP Support Added	Can be Run without Analyzer	Comments
4	TD 4.036	v0.9.8.0	v0.9.8.0	v0.9.8.0	v0.9.8.0		
	TD 4.037	V1.3.0.0	V1.3.0.0	V1.3.0.0	V1.3.0.0		
	TD 4.038	V1.2.0.0	V1.2.0.0	V1.2.0.0	V1.2.0.0		
	TD 4.039	v0.9.9.0	v0.9.9.0	v0.9.9.0	v0.9.9.0		
	TD 4.040	v0.9.11.0	V1.2.0.0	v0.9.11.0	V0.9.11.0		
	TD 4.041	v0.9.9.0	v0.9.9.0	v0.9.9.0	v0.9.9.0		
	TD 4.042	V1.2.0.0	V1.2.0.0	V1.2.0.0	V1.2.0.0		
	TD 4.043	v0.9.8.0	v0.9.8.0	v0.9.9.0	v0.9.9.0		
	TD 4.044	N/A	N/A	N/A	N/A		
	TD 4.045	N/A	N/A	N/A	N/A		
	TD 4.046	N/A	N/A	N/A	N/A		
	TD 4.047	N/A	N/A	N/A	N/A		
	TD 4.048	N/A	N/A	N/A	N/A		
	TD 4.049	N/A	N/A	N/A	N/A		
	TD 4.050	N/A	N/A	N/A	N/A		
	TD 4.051	N/A	N/A	N/A	N/A		
	TD 4.052	v0.9.9.0	v0.9.9.0	v0.9.9.0	v0.9.9.0		
	TD 4.101						
	TD 4.102						
	TD 4.103						
	TD 4.104						
	TD 4.105						
	TD 4.106						
	TD 4.107						
	TD 4.108						
	TD 4.109						
	TD 4.110						
	TD 4.115						
	TD 4.144						
5	TD 5.001	N/A	N/A	V0.9.10.0	V0.9.10.0		
	TD 5.002	V0.9.10.0	V0.9.10.0	N/A	N/A		
	TD 5.003	V0.9.10.0	V0.9.10.0	V0.9.10.0	N/A		
	TD 5.004	V0.9.10.0	V0.9.10.0	V0.9.10.0	N/A		
	TD 5.005	v0.9.5.1	N/A	v0.9.5.1	v0.9.5.1	Yes	
	TD 5.006	v0.9.5.1	v0.9.5.1	v0.9.9.0	N/A	Yes	
	TD 5.007	v0.9.5.1	v0.9.5.1	v0.9.9.0	N/A		
	TD 5.008	v0.9.5.1	v0.9.5.1	v0.9.9.0	N/A		
	TD 5.009	V1.2.0.0	V1.2.0.0	v0.9.12.0	N/A		
	TD 5.010	v0.9.5.1	v0.9.5.1	v0.9.9.0	N/A	Yes	
	TD 5.011	v0.9.5.1	v0.9.5.1	v0.9.9.0	N/A	Yes	
	TD 5.101	N/A	N/A	v1.8.0.0	N/A		
	TD 5.102	v1.8.0.0	v1.8.0.0	v1.8.0.0	N/A		

Chapter	Test Number	Host Support Added	Hub DFP Support Added	Hub UFP Support Added	Device UFP Support Added	Can be Run without Analyzer	Comments
	TD 5.103	V1.3.0.0	V1.3.0.0	V1.3.0.0	V1.3.0.0	Yes	
	TD 5.104	v1.8.0.0	v1.8.0.0	v1.8.0.0	N/A		
	TD 5.105	N/A	v1.8.0.0	N/A	N/A		
	TD 5.106						
6	TD 6.001	N/A	N/A	v0.9.5.1	v0.9.5.1	Yes	
	TD 6.002	V0.9.10.0	V0.9.10.0	N/A	N/A		
	TD 6.003	V0.9.10.0	N/A	V0.9.10.0	V0.9.10.0	Yes	
	TD 6.004	V0.9.10.0	V0.9.10.0	N/A	N/A		
	TD 6.005	V1.2.0.0	V1.2.0.0	N/A	N/A		
	TD 6.006	V0.9.10.0	V0.9.10.0	N/A	N/A	Yes	
	TD 6.007	V0.9.10.0	V0.9.10.0	N/A	N/A	Yes	
	TD 6.008	N/A	N/A	V1.6.0.0	N/A		This test was updated to use 2 analyzers in v1.6.0.0.
	TD 6.009	V0.9.10.0	N/A	V0.9.10.0	V0.9.10.0	Yes	
	TD 6.101	V1.2.0.0	N/A	V1.2.0.0	V1.2.0.0		
	TD 6.102	V1.2.0.0	V1.2.0.0	N/A	N/A		
	TD 6.103	V1.2.0.0	N/A	N/A	N/A		
	TD 6.104	N/A	N/A	V1.2.0.0	V1.2.0.0		
7	TD 7.001	v0.9.5.1	N/A	N/A	N/A		
	TD 7.002	v0.9.5.1	N/A	N/A	N/A		
	TD 7.003	v0.9.5.1	N/A	N/A	N/A		
	TD 7.004	v0.9.5.1	N/A	N/A	N/A		
	TD 7.005	v0.9.5.1	N/A	N/A	N/A		
	TD 7.006	v0.9.5.1	N/A	N/A	N/A		
	TD 7.007		N/A	N/A	N/A		
	TD 7.008		N/A	N/A	N/A		
	TD 7.009		N/A	N/A	N/A		
	TD 7.010		N/A	N/A	N/A		
	TD 7.011	v0.9.5.1	N/A	N/A	N/A		
	TD 7.012	v0.9.5.1	N/A	N/A	N/A		
	TD 7.013	v0.9.5.1	N/A	N/A	N/A		
	TD 7.014	v0.9.5.1	N/A	N/A	N/A		
	TD 7.015	v0.9.5.1	N/A	N/A	N/A		
	TD 7.016	v0.9.5.1	N/A	N/A	N/A		
	TD 7.017		N/A	N/A	N/A		
	TD 7.018	N/A	v0.9.5.1	N/A	N/A		
	TD 7.019	N/A	v0.9.5.1	N/A	N/A		
	TD 7.020	N/A	v0.9.5.1	N/A	N/A		
	TD 7.021	N/A	v0.9.5.1	N/A	N/A		
	TD 7.022	N/A	v0.9.5.1	N/A	N/A		
	TD 7.023	N/A	v0.9.5.1	N/A	N/A		
	TD 7.024	N/A	v0.9.5.1	N/A	N/A		
	TD 7.025	N/A	v0.9.5.1	N/A	N/A		

Chapter	Test Number	Host Support Added	Hub DFP Support Added	Hub UFP Support Added	Device UFP Support Added	Can be Run without Analyzer	Comments
	TD 7.026	N/A	v0.9.5.1	N/A	N/A		
	TD 7.027	N/A	v0.9.5.1	N/A	N/A		
	TD 7.028	N/A	v0.9.5.1	N/A	N/A		
	TD 7.029	N/A	v0.9.5.1	N/A	N/A		
	TD 7.030	N/A	v0.9.5.1	N/A	N/A		
	TD 7.031	N/A	v0.9.5.1	N/A	N/A		
	TD 7.032	N/A		N/A	N/A		
	TD 7.033	N/A		N/A	N/A		
	TD 7.034	N/A					
	TD 7.035	N/A	N/A	v0.9.5.1	v0.9.5.1		
	TD 7.036	N/A	N/A	v0.9.5.1	v0.9.5.1		
	TD 7.037	N/A	N/A	v0.9.5.1	v0.9.5.1		
	TD 7.038	N/A	N/A	v0.9.5.1	v0.9.5.1		
	TD 7.039	N/A	N/A	v0.9.5.1	v0.9.5.1		
	TD 7.040	N/A	N/A	v0.9.5.1	v0.9.5.1		
	TD 7.041	N/A	N/A	v0.9.5.1	v0.9.5.1		
	TD 7.042	N/A	N/A	v0.9.5.1	v0.9.5.1		
	TD 7.043	N/A	N/A				
	TD 7.044	N/A		N/A	N/A		
	TD 7.045	N/A		N/A	N/A		
	TD 7.046	N/A		N/A	N/A		
	TD 7.047	N/A		N/A	N/A		
	TD 7.048	N/A		N/A	N/A		
	TD 7.101	V1.4.0.0	N/A	N/A	N/A		
	TD 7.102	N/A	N/A	N/A	N/A		Deprecated
	TD 7.103	V1.4.0.0	N/A	N/A	N/A		
	TD 7.104	N/A	N/A	V1.4.0.0	N/A		
	TD 7.105	N/A	V1.4.0.0	N/A	N/A		
	TD 7.106	N/A	N/A	N/A	N/A		Deprecated
	TD 7.107	N/A	N/A	N/A	N/A		Deprecated
	TD 7.108	N/A	N/A	N/A	V1.4.0.0		
	TD 7.109	N/A	N/A	N/A	N/A		Deprecated
	TD 7.110	N/A	N/A	N/A	V1.4.0.0		
8	TD 8.001	v0.9.5.1	N/A	v0.9.5.1	v0.9.5.1	Yes	
	TD 8.002	V0.9.10.0	N/A	V0.9.10.0	v0.9.9.0	Yes	
	TD 8.003	V0.9.10.0	N/A	V0.9.10.0	N/A	Yes	
	TD 8.004	v0.9.5.1	N/A	v0.9.9.0	v0.9.9.0	Yes	
	TD 8.005	v0.9.5.1	N/A	v0.9.9.0	v0.9.9.0	Yes	
	TD 8.006	v0.9.5.1	N/A	v0.9.9.0	v0.9.9.0	Yes	
	TD 8.007	N/A	N/A	N/A	N/A		Reserved
	TD 8.008	N/A	N/A	N/A	N/A		Reserved
	TD 8.009	N/A	N/A	N/A	N/A		Reserved
	TD 8.010	N/A	N/A	N/A	N/A		Reserved

Chapter	Test Number	Host Support Added	Hub DFP Support Added	Hub UFP Support Added	Device UFP Support Added	Can be Run without Analyzer	Comments
	TD 8.011	v0.9.9.0	N/A	v0.9.5.1	v0.9.5.1	Yes	
	TD 8.012	v0.9.9.0	N/A	v0.9.9.0	v0.9.9.0	Yes	
	TD 8.013	V0.9.10.0	N/A	V0.9.10.0	V0.9.10.0		
	TD 8.014	v0.9.9.0	N/A	v0.9.9.0	v0.9.9.0	Yes	
	TD 8.015	v0.9.9.0	N/A	v0.9.9.0	v0.9.9.0		
	TD 8.016	v0.9.11.0	v0.9.11.0	N/A	N/A		
	TD 8.017	v0.9.9.0	N/A	v0.9.9.0	v0.9.9.0		
	TD 8.018	N/A	N/A	N/A	N/A		Moved to USB3 Tunneling CTS (TD 9.020)
	TD 8.019	V0.9.10.0	V0.9.10.0	N/A	N/A		
	TD 8.020	V0.9.10.0	N/A	V0.9.10.0	N/A		
	TD 8.021	V0.9.10.0	V0.9.10.0	N/A	N/A		
	TD 8.101						
	TD 8.102						
9	TD 9.001	v0.9.5.1	v0.9.11.0	v0.9.5.1	v0.9.5.1	Yes	
	TD 9.002	V0.9.10.0	v0.9.11.0	V0.9.10.0	V0.9.10.0		
	TD 9.003						
	TD 9.004						
	TD 9.005	v0.9.11.0	v0.9.11.0	v0.9.11.0	v0.9.11.0		
	TD 9.006	v0.9.12.0	v0.9.12.0	N/A	N/A		
	TD 9.007						
	TD 9.008	v0.9.11.0	v0.9.11.0	v0.9.11.0	v0.9.12.0		
	TD 9.009						
	TD 9.010						
	TD 9.011		N/A	N/A	N/A		
	TD 9.012		N/A	N/A	N/A		
	TD 9.013			N/A	N/A		
	TD 9.014						
	TD 9.015						
	TD 9.016			N/A	N/A		
	TD 9.017	N/A	N/A	V1.6.0.0	V1.6.0.0		
	TD 9.018	N/A					
	TD 9.019	N/A					
	TD 9.020	N/A	N/A	v0.9.12.0	v0.9.12.0	Yes	Previously TD 8.018
	TD 9.100						
	TD 9.101						
	TD 9.102						
10	10.001	v0.9.5.1	N/A	v0.9.8.0	v0.9.8.0	Yes	
	10.002	v0.9.5.1	N/A	v0.9.8.0	v0.9.8.0		
	10.003	V1.2.0.0	N/A	V1.2.0.0	V1.2.0.0		
	10.004	v0.9.8.0	N/A	v0.9.8.0	v0.9.8.0		
	10.005	v0.9.5.1	N/A	v0.9.8.0	v0.9.8.0	Yes	
	10.006	v0.9.8.0	N/A	v0.9.8.0	v0.9.8.0		

Chapter	Test Number	Host Support Added	Hub DFP Support Added	Hub UFP Support Added	Device UFP Support Added	Can be Run without Analyzer	Comments
	10.007	V1.2.0.0	N/A	V1.2.0.0	V1.2.0.0		
	10.008	v0.9.8.0	N/A	v0.9.8.0	v0.9.8.0		
	10.009	v0.9.8.0	N/A	v0.9.5.1	v0.9.5.1	Yes	
	10.010	v0.9.8.0	N/A	v0.9.5.1	v0.9.5.1		
	10.011	N/A	N/A	V1.2.0.0	V1.2.0.0		
	10.012	N/A	N/A	v0.9.8.0	v0.9.8.0		
	10.013	N/A	N/A	v0.9.5.1	v0.9.5.1	Yes	
	10.014	N/A	N/A	v0.9.8.0	v0.9.8.0		
	10.015	N/A	N/A	v0.9.8.0	v0.9.8.0		
	10.016	V1.2.0.0	N/A	V1.2.0.0	V1.2.0.0		
	10.101						
	10.102	v1.7.0.0	N/A	v1.7.0.0	v1.7.0.0		
	10.103						
	10.104	v1.7.0.0	N/A	N/A	N/A		
	10.105						
11	11.001	v0.9.5.1	v0.9.5.1	v0.9.5.1	v0.9.5.1	Yes	
	11.002	v0.9.5.1	v0.9.5.1	v0.9.5.1	v0.9.5.1	Yes	
	11.003	v0.9.5.1	v0.9.5.1	v0.9.5.1	v0.9.5.1	Yes	
	11.004						
	11.005						
	11.006						
	11.007						
	11.008						
	11.009						
	11.010	v0.9.5.1	v0.9.5.1	v0.9.5.1	v0.9.5.1	Yes	
	11.011						
	11.012						
	11.013	N/A	N/A	N/A	N/A		Deprecated
	11.014	N/A	N/A	N/A	N/A		Deprecated
	11.015	N/A	N/A	N/A	N/A		Deprecated
	11.016						
	11.017						
	11.018	N/A		N/A	N/A		
	11.019	N/A		N/A	N/A		
	11.020	v0.9.5.1	v0.9.9.0			Yes	
	11.101						
	11.102						
	11.103						

Chapter	Test Number	Host Support Added	Hub DFP Support Added	Hub UFP Support Added	Device UFP Support Added	Can be Run without Analyzer	Comments
12	12.001	v0.9.5.1	N/A	N/A	N/A	Yes	
	12.002	v0.9.11.0	N/A	N/A	N/A		
	12.003	v0.9.11.0	N/A	N/A	N/A		
	12.004	v0.9.5.1	N/A	N/A	N/A	Yes	
	12.005	v0.9.5.1	N/A	N/A	N/A	Yes	
	12.006	v0.9.11.0	N/A	N/A	N/A	Yes	
	12.007	N/A	N/A	N/A	N/A		Deprecated
	12.008	V1.3.0.0	N/A	N/A	N/A		
	12.009	v0.9.11.0	N/A	N/A	N/A	Yes	
	12.010	v0.9.5.1	N/A	N/A	N/A	Yes	
	12.011	v0.9.11.0	N/A	N/A	N/A	Yes	
	12.012	v0.9.11.0	N/A	N/A	N/A	Yes	
	12.101	V1.3.0.0	N/A	N/A	N/A	Yes	
13	13.1.001	V1.2.0.0	V1.2.0.0	V1.2.0.0	V1.2.0.0		
	13.1.002	V1.2.0.0	V1.2.0.0	V1.2.0.0	V1.2.0.0		
	13.1.003	V1.2.0.0	V1.2.0.0	V1.2.0.0	V1.2.0.0		
	13.1.004	N/A	V1.2.0.0	N/A	N/A		
	13.1.005	N/A	N/A	N/A	N/A		Deprecated
	13.1.006	N/A	N/A	N/A	N/A		Deprecated
	13.1.007	N/A	N/A	N/A	N/A		Deprecated
	13.2.001	N/A	N/A	V1.2.0.0	V1.2.0.0		
	13.2.002	V1.2.0.0	N/A	V1.2.0.0	V1.2.0.0		
	13.2.003	N/A	N/A	N/A	N/A		Deprecated
	13.2.004	N/A	N/A	N/A	N/A		Deprecated
	13.2.005	N/A	N/A	V1.2.0.0	V1.2.0.0		
	13.2.006	N/A	N/A	V1.2.0.0	V1.2.0.0		
	13.2.007	N/A	N/A	V1.2.0.0	V1.2.0.0		
	13.2.008	N/A	N/A	V1.2.0.0	V1.2.0.0		