

Wiitek 800G QSFP-DD to QSFP-DD 8x100G Passive Cable Test Report

P/N: QSFP-DD(800G)
S/N: TLP94963A00041

Shenzhen Wiitek Technology Co.,Ltd.

Report Date:

30/12/2024 (10:00:22)

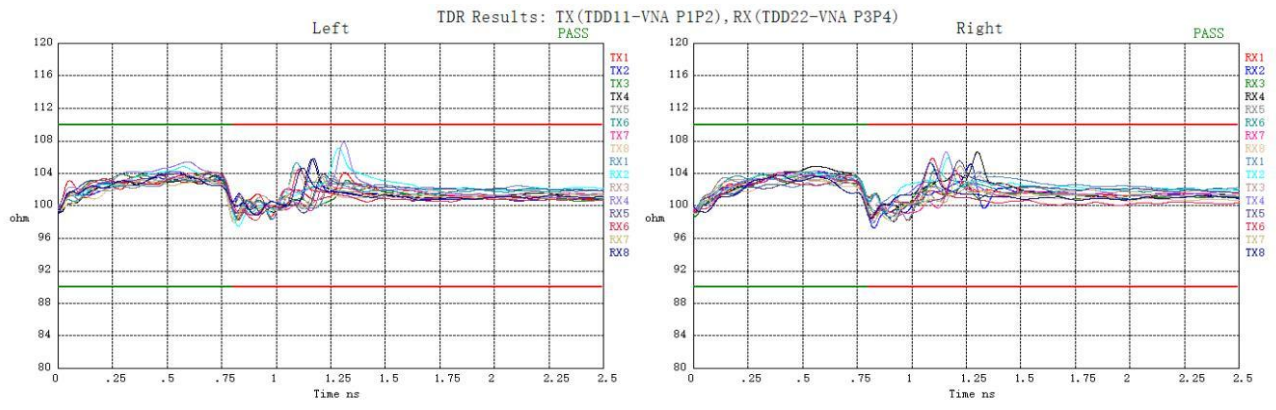
Tester: Admin

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Differential Impedance

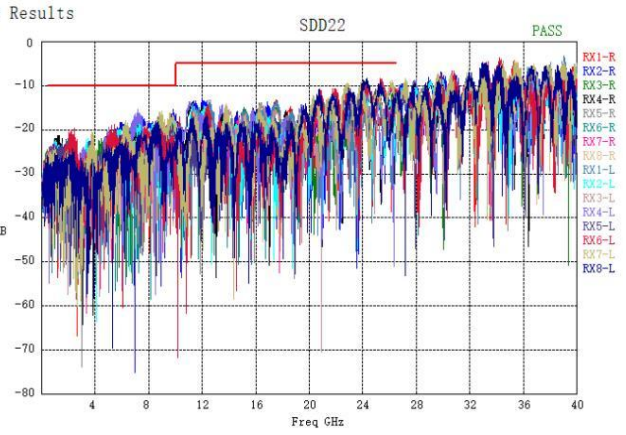
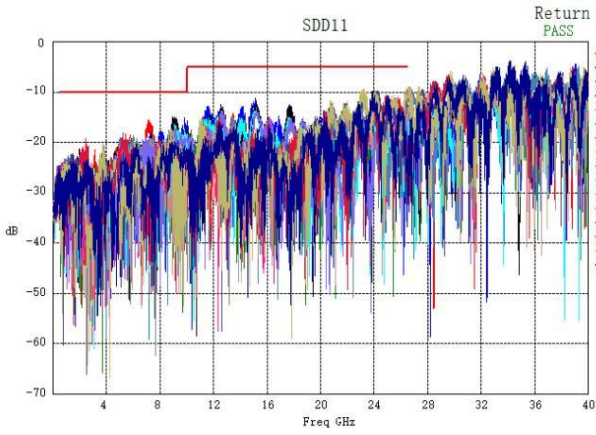
TDR Results @35ps (20-80%),TX(TDD11-VNA P1P2),RX(TDD22-VNA P3P4)

TX1---->RX1					RX1---->TX1						
Type	Value(ohm)	Spec	Value	Results	Type	Value(ohm)	Spec	Value	Results		
TDD11	MAX	104.1	QSFP-DD	5.9	PASS	TDD11	MAX	104.2	QSFP-DD	5.8	PASS
	MIN	98.4	QSFP-DD	8.4			MIN	97.9	QSFP-DD	7.9	
TDD22	MAX	103.8	QSFP-DD	6.2	PASS	TDD22	MAX	103.6	QSFP-DD	6.4	PASS
	MIN	99.2	QSFP-DD	9.2			MIN	99.5	QSFP-DD	9.5	
TX2---->RX2					RX2---->TX2						
Type	Value(ohm)	Spec	Value	Results	Type	Value(ohm)	Spec	Value	Results		
TDD11	MAX	105.8	QSFP-DD	4.2	PASS	TDD11	MAX	105.9	QSFP-DD	4.1	PASS
	MIN	99.1	QSFP-DD	9.1			MIN	99.1	QSFP-DD	9.1	
TDD22	MAX	105.1	QSFP-DD	4.9	PASS	TDD22	MAX	107.1	QSFP-DD	2.9	PASS
	MIN	97.3	QSFP-DD	7.3			MIN	97.5	QSFP-DD	7.5	
TX3---->RX3					RX3---->TX3						
Type	Value(ohm)	Spec	Value	Results	Type	Value(ohm)	Spec	Value	Results		
TDD11	MAX	104	QSFP-DD	6	PASS	TDD11	MAX	103.9	QSFP-DD	6.1	PASS
	MIN	98.3	QSFP-DD	8.3			MIN	98.2	QSFP-DD	8.2	
TDD22	MAX	103.7	QSFP-DD	6.3	PASS	TDD22	MAX	104	QSFP-DD	6	PASS
	MIN	98.7	QSFP-DD	8.7			MIN	99.6	QSFP-DD	9.6	
TX4---->RX4					RX4---->TX4						
Type	Value(ohm)	Spec	Value	Results	Type	Value(ohm)	Spec	Value	Results		
TDD11	MAX	105.8	QSFP-DD	4.2	PASS	TDD11	MAX	106.6	QSFP-DD	3.4	PASS
	MIN	99.2	QSFP-DD	9.2			MIN	99.4	QSFP-DD	9.4	
TDD22	MAX	106.7	QSFP-DD	3.3	PASS	TDD22	MAX	107.9	QSFP-DD	2.1	PASS
	MIN	98.2	QSFP-DD	8.2			MIN	98.2	QSFP-DD	8.2	
TX5---->RX5					RX5---->TX5						
Type	Value(ohm)	Spec	Value	Results	Type	Value(ohm)	Spec	Value	Results		
TDD11	MAX	103.6	QSFP-DD	6.4	PASS	TDD11	MAX	105.6	QSFP-DD	4.4	PASS
	MIN	99	QSFP-DD	9			MIN	98.1	QSFP-DD	8.1	
TDD22	MAX	104.4	QSFP-DD	5.6	PASS	TDD22	MAX	104.2	QSFP-DD	5.8	PASS
	MIN	99	QSFP-DD	9			MIN	99	QSFP-DD	9	
TX6---->RX6					RX6---->TX6						
Type	Value(ohm)	Spec	Value	Results	Type	Value(ohm)	Spec	Value	Results		
TDD11	MAX	105.3	QSFP-DD	4.7	PASS	TDD11	MAX	105.9	QSFP-DD	4.1	PASS
	MIN	98.7	QSFP-DD	8.7			MIN	98.4	QSFP-DD	8.4	
TDD22	MAX	104.4	QSFP-DD	5.6	PASS	TDD22	MAX	104.5	QSFP-DD	5.5	PASS
	MIN	98.6	QSFP-DD	8.6			MIN	98.2	QSFP-DD	8.2	
TX7---->RX7					RX7---->TX7						
Type	Value(ohm)	Spec	Value	Results	Type	Value(ohm)	Spec	Value	Results		
TDD11	MAX	104	QSFP-DD	6	PASS	TDD11	MAX	104.9	QSFP-DD	5.1	PASS
	MIN	98.9	QSFP-DD	8.9			MIN	98.2	QSFP-DD	8.2	
TDD22	MAX	104.4	QSFP-DD	5.6	PASS	TDD22	MAX	103.7	QSFP-DD	6.3	PASS
	MIN	98.6	QSFP-DD	8.6			MIN	97.9	QSFP-DD	7.9	
TX8---->RX8					RX8---->TX8						
Type	Value(ohm)	Spec	Value	Results	Type	Value(ohm)	Spec	Value	Results		
TDD11	MAX	104.5	QSFP-DD	5.5	PASS	TDD11	MAX	105.3	QSFP-DD	4.7	PASS
	MIN	98.2	QSFP-DD	8.2			MIN	98.5	QSFP-DD	8.5	
TDD22	MAX	104.1	QSFP-DD	5.9	PASS	TDD22	MAX	104.7	QSFP-DD	5.3	PASS
	MIN	98.7	QSFP-DD	8.7			MIN	98.9	QSFP-DD	8.9	

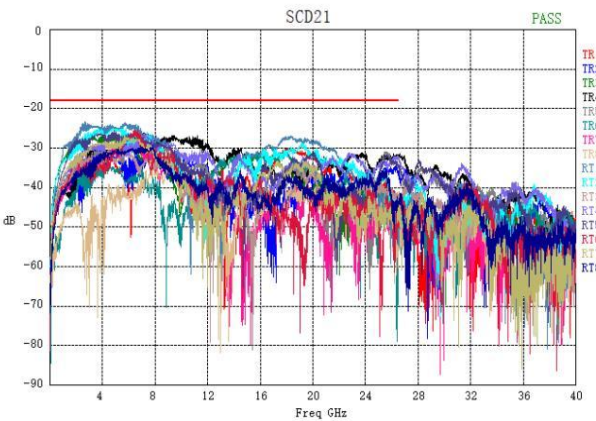
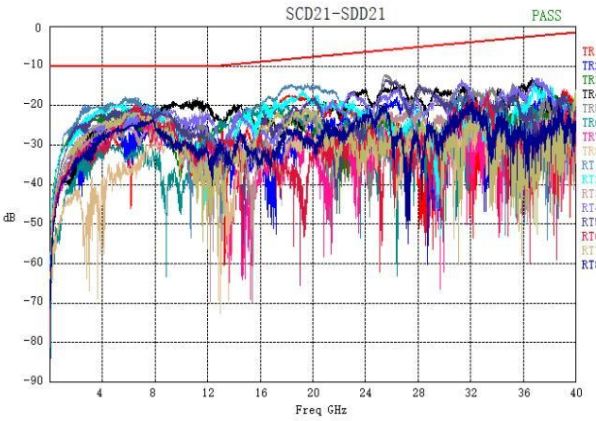
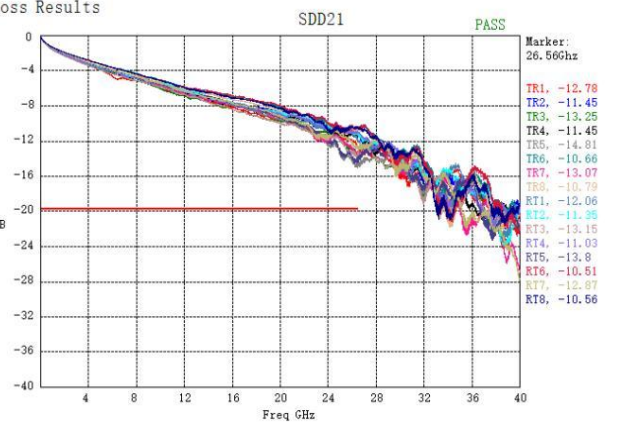
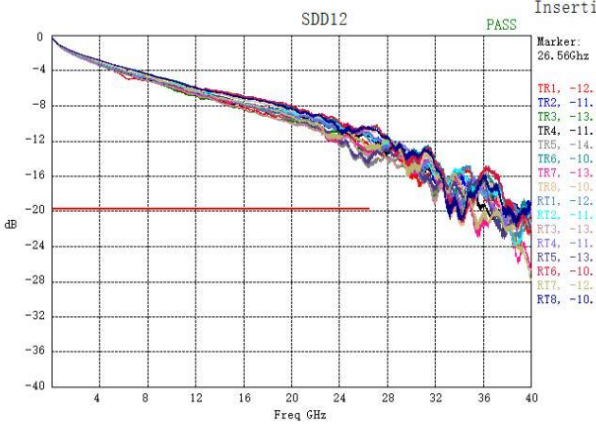


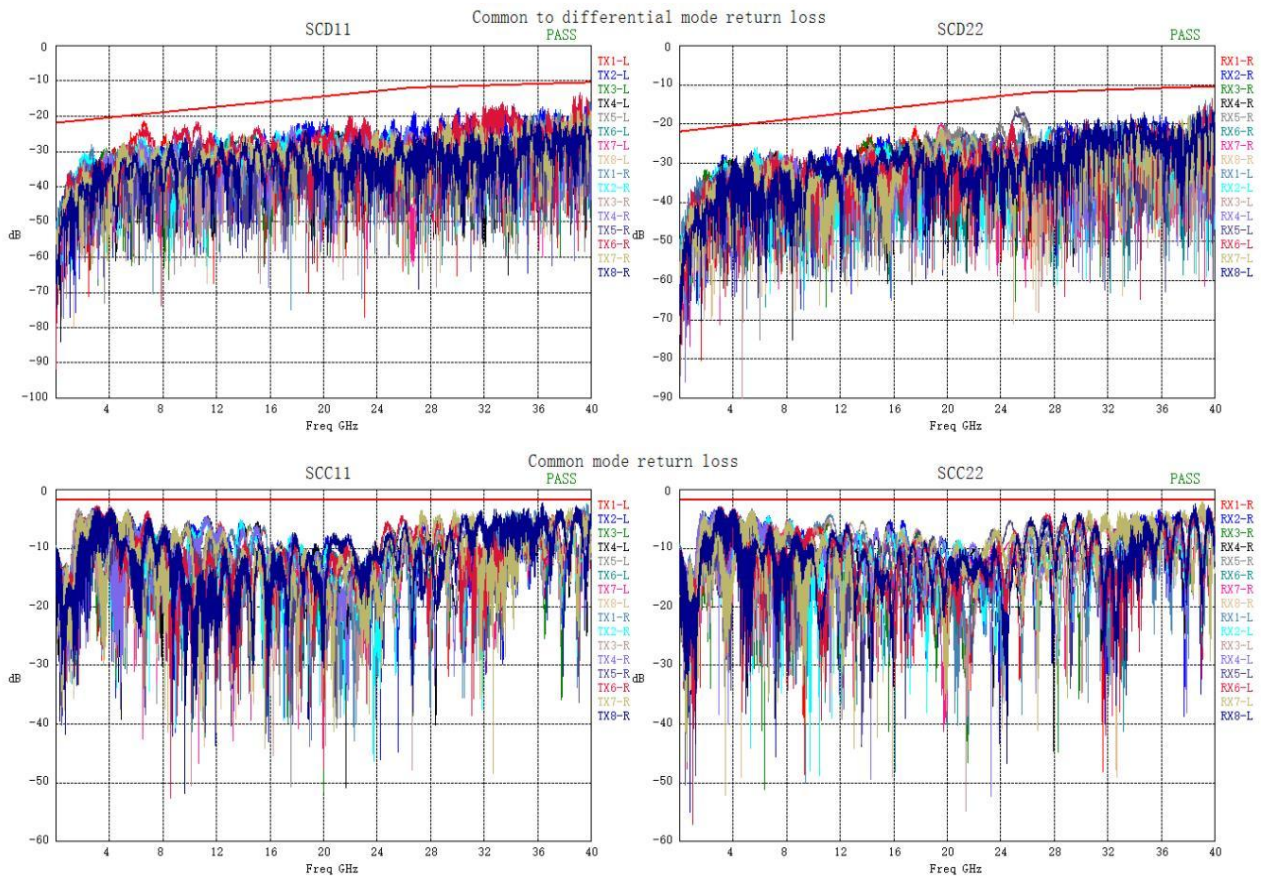
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Return Loss Results



Insertion Loss Results





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Summary Result

RX1--->TX1

Type		Value(dB)	Freq(GHz)	Spec	Value	Results	Fail@(GHz)
SDD11	MAX	-11.776	23.82	QSFP-DD_RL(800G).temp	6.776	PASS	
SDD22	MAX	-11.345	24.3	QSFP-DD_RL(800G).temp	6.345	PASS	
SDD12	Marker	-12.04	26.56	QSFP-DD_IL(800G).temp,-19.75	7.71	PASS	
SDD21	Marker	-12.06	26.56	QSFP-DD_IL(800G).temp,-19.75	7.69	PASS	
SCD21	MAX	-23.246	2.65	QSFP-DD_SCD21(800G).temp	5.246	PASS	
SCD21-SDD21	MAX	-14.511	19.61	QSFP-DD_SCD21-SDD21(800G).temp	6.603	PASS	
SCD11	MAX	-15.911	39.83	QSFP-DD_SCD11(800G).temp	5.409	PASS	
SCD22	MAX	-13.962	39.31	QSFP-DD_SCD11(800G).temp	3.401	PASS	
SCC11	MAX	-2.435	39.68	QSFP-DD_SCC11(800G).temp	0.635	PASS	
SCC22	MAX	-3.02	38.53	QSFP-DD_SCC11(800G).temp	1.22	PASS	

RX2--->TX2

Type		Value(dB)	Freq(GHz)	Spec	Value	Results	Fail@(GHz)
SDD11	MAX	-13.807	15.09	QSFP-DD_RL(800G).temp	8.807	PASS	
SDD22	MAX	-12.102	25.12	QSFP-DD_RL(800G).temp	7.102	PASS	
SDD12	Marker	-11.42	26.56	QSFP-DD_IL(800G).temp,-19.75	8.33	PASS	
SDD21	Marker	-11.35	26.56	QSFP-DD_IL(800G).temp,-19.75	8.4	PASS	
SCD21	MAX	-24.824	5.6	QSFP-DD_SCD21(800G).temp	6.824	PASS	
SCD21-SDD21	MAX	-14.428	36.77	QSFP-DD_SCD21-SDD21(800G).temp	11.853	PASS	
SCD11	MAX	-20.733	38.56	QSFP-DD_SCD11(800G).temp	10.087	PASS	
SCD22	MAX	-20.015	35.43	QSFP-DD_SCD11(800G).temp	9.016	PASS	
SCC11	MAX	-3.509	2.81	QSFP-DD_SCC11(800G).temp	1.709	PASS	
SCC22	MAX	-3.611	2.6	QSFP-DD_SCC11(800G).temp	1.811	PASS	

RX3--->TX3

Type		Value(dB)	Freq(GHz)	Spec	Value	Results	Fail@(GHz)
SDD11	MAX	-10.896	25.76	QSFP-DD_RL(800G).temp	5.896	PASS	
SDD22	MAX	-9.939	25.55	QSFP-DD_RL(800G).temp	4.939	PASS	
SDD12	Marker	-13.38	26.56	QSFP-DD_IL(800G).temp,-19.75	6.37	PASS	
SDD21	Marker	-13.15	26.56	QSFP-DD_IL(800G).temp,-19.75	6.6	PASS	
SCD21	MAX	-30.241	5.55	QSFP-DD_SCD21(800G).temp	12.241	PASS	
SCD21-SDD21	MAX	-19.914	32.7	QSFP-DD_SCD21-SDD21(800G).temp	16.074	PASS	
SCD11	MAX	-19.292	39.91	QSFP-DD_SCD11(800G).temp	8.799	PASS	
SCD22	MAX	-21.896	20.05	QSFP-DD_SCD11(800G).temp	7.441	PASS	
SCC11	MAX	-3.287	1.66	QSFP-DD_SCC11(800G).temp	1.487	PASS	
SCC22	MAX	-3.937	1.76	QSFP-DD_SCC11(800G).temp	2.137	PASS	

RX4--->TX4

Type		Value(dB)	Freq(GHz)	Spec	Value	Results	Fail@(GHz)
SDD11	MAX	-13.075	15.2	QSFP-DD_RL(800G).temp	8.075	PASS	
SDD22	MAX	-10.903	23.99	QSFP-DD_RL(800G).temp	5.903	PASS	
SDD12	Marker	-11.18	26.56	QSFP-DD_IL(800G).temp,-19.75	8.57	PASS	
SDD21	Marker	-11.03	26.56	QSFP-DD_IL(800G).temp,-19.75	8.72	PASS	
SCD21	MAX	-26.443	7.33	QSFP-DD_SCD21(800G).temp	8.443	PASS	
SCD21-SDD21	MAX	-13.078	37.09	QSFP-DD_SCD21-SDD21(800G).temp	10.602	PASS	
SCD11	MAX	-22.446	35.5	QSFP-DD_SCD11(800G).temp	11.455	PASS	
SCD22	MAX	-21.298	35.44	QSFP-DD_SCD11(800G).temp	10.3	PASS	
SCC11	MAX	-3.601	2.8	QSFP-DD_SCC11(800G).temp	1.801	PASS	
SCC22	MAX	-3.748	2.59	QSFP-DD_SCC11(800G).temp	1.948	PASS	

RX5--->TX5

Type	Value(dB)	Freq(GHz)	Spec	Value	Results	Fail@(GHz)
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SDD11	MAX	-9.713	24.25	QSFP-DD_RL(800G).temp	4.713	PASS	
SDD22	MAX	-10.616	25.11	QSFP-DD_RL(800G).temp	5.616	PASS	
SDD12	Marker	-13.87	26.56	QSFP-DD_IL(800G).temp,-19.75	5.88	PASS	
SDD21	Marker	-13.8	26.56	QSFP-DD_IL(800G).temp,-19.75	5.95	PASS	
SCD21	MAX	-25.635	4.89	QSFP-DD_SCD21(800G).temp	7.635	PASS	
SCD21-SDD21	MAX	-13.397	25.54	QSFP-DD_SCD21-SDD21(800G).temp	7.332	PASS	
SCD11	MAX	-24.58	37.73	QSFP-DD_SCD11(800G).temp	13.84	PASS	
SCD22	MAX	-16.921	25.71	QSFP-DD_SCD11(800G).temp	4.597	PASS	
SCC11	MAX	-3.39	5.36	QSFP-DD_SCC11(800G).temp	1.59	PASS	
SCC22	MAX	-3.364	5.46	QSFP-DD_SCC11(800G).temp	1.564	PASS	

RX6--->TX6

Type		Value(dB)	Freq(GHz)	Spec	Value	Results	Fail@(GHz)
SDD11	MAX	-10.681	24.99	QSFP-DD_RL(800G).temp	5.681	PASS	
SDD22	MAX	-8.384	25.31	QSFP-DD_RL(800G).temp	3.384	PASS	
SDD12	Marker	-10.47	26.56	QSFP-DD_IL(800G).temp,-19.75	9.28	PASS	
SDD21	Marker	-10.51	26.56	QSFP-DD_IL(800G).temp,-19.75	9.24	PASS	
SCD21	MAX	-25.419	6.39	QSFP-DD_SCD21(800G).temp	7.419	PASS	
SCD21-SDD21	MAX	-16.62	33.32	QSFP-DD_SCD21-SDD21(800G).temp	12.973	PASS	
SCD11	MAX	-13.44	39.18	QSFP-DD_SCD11(800G).temp	2.864	PASS	
SCD22	MAX	-13.545	39.8	QSFP-DD_SCD11(800G).temp	3.039	PASS	
SCC11	MAX	-2.768	3.07	QSFP-DD_SCC11(800G).temp	0.968	PASS	
SCC22	MAX	-2.83	3.07	QSFP-DD_SCC11(800G).temp	1.03	PASS	

RX7--->TX7

Type		Value(dB)	Freq(GHz)	Spec	Value	Results	Fail@(GHz)
SDD11	MAX	-9.026	26.54	QSFP-DD_RL(800G).temp	4.026	PASS	
SDD22	MAX	-8.734	26.19	QSFP-DD_RL(800G).temp	3.734	PASS	
SDD12	Marker	-12.92	26.56	QSFP-DD_IL(800G).temp,-19.75	6.83	PASS	
SDD21	Marker	-12.87	26.56	QSFP-DD_IL(800G).temp,-19.75	6.88	PASS	
SCD21	MAX	-26.994	5.69	QSFP-DD_SCD21(800G).temp	8.994	PASS	
SCD21-SDD21	MAX	-16.094	39.97	QSFP-DD_SCD21-SDD21(800G).temp	14.514	PASS	
SCD11	MAX	-18.184	39.96	QSFP-DD_SCD11(800G).temp	7.696	PASS	
SCD22	MAX	-17.03	34.7	QSFP-DD_SCD11(800G).temp	5.948	PASS	
SCC11	MAX	-3.177	38.5	QSFP-DD_SCC11(800G).temp	1.377	PASS	
SCC22	MAX	-2.098	39.12	QSFP-DD_SCC11(800G).temp	0.298	PASS	

RX8--->TX8

Type		Value(dB)	Freq(GHz)	Spec	Value	Results	Fail@(GHz)
SDD11	MAX	-9.845	23.92	QSFP-DD_RL(800G).temp	4.845	PASS	
SDD22	MAX	-8.32	24.29	QSFP-DD_RL(800G).temp	3.32	PASS	
SDD12	Marker	-10.64	26.56	QSFP-DD_IL(800G).temp,-19.75	9.11	PASS	
SDD21	Marker	-10.56	26.56	QSFP-DD_IL(800G).temp,-19.75	9.19	PASS	
SCD21	MAX	-29.364	7.8	QSFP-DD_SCD21(800G).temp	11.364	PASS	
SCD21-SDD21	MAX	-18.786	32.16	QSFP-DD_SCD21-SDD21(800G).temp	14.778	PASS	
SCD11	MAX	-20.921	34.99	QSFP-DD_SCD11(800G).temp	9.872	PASS	
SCD22	MAX	-15.315	38.81	QSFP-DD_SCD11(800G).temp	4.697	PASS	
SCC11	MAX	-2.24	36.35	QSFP-DD_SCC11(800G).temp	0.44	PASS	
SCC22	MAX	-2.426	38.52	QSFP-DD_SCC11(800G).temp	0.626	PASS	

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Summary Result

TX1--->RX1

Type		Value(dB)	Freq(GHz)	Spec	Value	Results	Fail@(GHz)
SDD11	MAX	-12.36	22.98	QSFP-DD_RL(800G).temp	7.36	PASS	
SDD22	MAX	-12.86	26.56	QSFP-DD_RL(800G).temp	7.86	PASS	
SDD12	Marker	-12.77	26.56	QSFP-DD_IL(800G).temp,-19.75	6.98	PASS	
SDD21	Marker	-12.78	26.56	QSFP-DD_IL(800G).temp,-19.75	6.97	PASS	
SCD21	MAX	-29.912	18.03	QSFP-DD_SCD21(800G).temp	11.912	PASS	
SCD21-SDD21	MAX	-15.845	39.08	QSFP-DD_SCD21-SDD21(800G).temp	13.988	PASS	
SCD11	MAX	-21.354	6.53	QSFP-DD_SCD11(800G).temp	1.809	PASS	
SCD22	MAX	-20.059	39.49	QSFP-DD_SCD11(800G).temp	9.518	PASS	
SCC11	MAX	-3.366	1.67	QSFP-DD_SCC11(800G).temp	1.566	PASS	
SCC22	MAX	-3.927	1.67	QSFP-DD_SCC11(800G).temp	2.127	PASS	

TX2--->RX2

Type		Value(dB)	Freq(GHz)	Spec	Value	Results	Fail@(GHz)
SDD11	MAX	-10.884	24.3	QSFP-DD_RL(800G).temp	5.884	PASS	
SDD22	MAX	-11.183	24.29	QSFP-DD_RL(800G).temp	6.183	PASS	
SDD12	Marker	-11.47	26.56	QSFP-DD_IL(800G).temp,-19.75	8.28	PASS	
SDD21	Marker	-11.45	26.56	QSFP-DD_IL(800G).temp,-19.75	8.3	PASS	
SCD21	MAX	-30.644	7.37	QSFP-DD_SCD21(800G).temp	12.644	PASS	
SCD21-SDD21	MAX	-16.941	37.42	QSFP-DD_SCD21-SDD21(800G).temp	14.568	PASS	
SCD11	MAX	-15.869	39.63	QSFP-DD_SCD11(800G).temp	5.344	PASS	
SCD22	MAX	-17.671	35.89	QSFP-DD_SCD11(800G).temp	6.724	PASS	
SCC11	MAX	-3.146	2.8	QSFP-DD_SCC11(800G).temp	1.346	PASS	
SCC22	MAX	-2.65	39.51	QSFP-DD_SCC11(800G).temp	0.85	PASS	

TX3--->RX3

Type		Value(dB)	Freq(GHz)	Spec	Value	Results	Fail@(GHz)
SDD11	MAX	-11.871	22.88	QSFP-DD_RL(800G).temp	6.871	PASS	
SDD22	MAX	-10.495	26.4	QSFP-DD_RL(800G).temp	5.495	PASS	
SDD12	Marker	-13.26	26.56	QSFP-DD_IL(800G).temp,-19.75	6.49	PASS	
SDD21	Marker	-13.25	26.56	QSFP-DD_IL(800G).temp,-19.75	6.5	PASS	
SCD21	MAX	-26.902	4.38	QSFP-DD_SCD21(800G).temp	8.902	PASS	
SCD21-SDD21	MAX	-17.245	31.95	QSFP-DD_SCD21-SDD21(800G).temp	13.172	PASS	
SCD11	MAX	-21.976	38.13	QSFP-DD_SCD11(800G).temp	11.282	PASS	
SCD22	MAX	-21.21	32.28	QSFP-DD_SCD11(800G).temp	9.855	PASS	
SCC11	MAX	-3.273	1.66	QSFP-DD_SCC11(800G).temp	1.473	PASS	
SCC22	MAX	-3.942	4.23	QSFP-DD_SCC11(800G).temp	2.142	PASS	

TX4--->RX4

Type		Value(dB)	Freq(GHz)	Spec	Value	Results	Fail@(GHz)
SDD11	MAX	-11.839	15.19	QSFP-DD_RL(800G).temp	6.839	PASS	
SDD22	MAX	-12.718	24.05	QSFP-DD_RL(800G).temp	7.718	PASS	
SDD12	Marker	-11.5	26.56	QSFP-DD_IL(800G).temp,-19.75	8.25	PASS	
SDD21	Marker	-11.45	26.56	QSFP-DD_IL(800G).temp,-19.75	8.3	PASS	
SCD21	MAX	-25.76	6.9	QSFP-DD_SCD21(800G).temp	7.76	PASS	
SCD21-SDD21	MAX	-12.848	36.69	QSFP-DD_SCD21-SDD21(800G).temp	10.248	PASS	
SCD11	MAX	-23.751	22.26	QSFP-DD_SCD11(800G).temp	10.128	PASS	
SCD22	MAX	-19.382	34.48	QSFP-DD_SCD11(800G).temp	8.275	PASS	
SCC11	MAX	-3.524	2.79	QSFP-DD_SCC11(800G).temp	1.724	PASS	
SCC22	MAX	-3.805	1.67	QSFP-DD_SCC11(800G).temp	2.005	PASS	

TX5--->RX5

Type		Value(dB)	Freq(GHz)	Spec	Value	Results	Fail@(GHz)
SDD11	MAX	-9.828	24.21	QSFP-DD_RL(800G).temp	4.828	PASS	

SDD22	MAX	-9.91	26.05	QSFP-DD_RL(800G).temp	4.91	PASS	
SDD12	Marker	-14.92	26.56	QSFP-DD_IL(800G).temp,-19.75	4.83	PASS	
SDD21	Marker	-14.81	26.56	QSFP-DD_IL(800G).temp,-19.75	4.94	PASS	
SCD21	MAX	-29.025	4.99	QSFP-DD_SCD21(800G).temp	11.025	PASS	
SCD21-SDD21	MAX	-12.156	25.41	QSFP-DD_SCD21-SDD21(800G).temp	6.05	PASS	
SCD11	MAX	-25.019	37.67	QSFP-DD_SCD11(800G).temp	14.273	PASS	
SCD22	MAX	-15.49	25.27	QSFP-DD_SCD11(800G).temp	3	PASS	
SCC11	MAX	-3.469	2.78	QSFP-DD_SCC11(800G).temp	1.669	PASS	
SCC22	MAX	-3.472	5.45	QSFP-DD_SCC11(800G).temp	1.672	PASS	

TX6--->RX6

Type		Value(dB)	Freq(GHz)	Spec	Value	Results	Fail@(GHz)
SDD11	MAX	-12.15	24.04	QSFP-DD_RL(800G).temp	7.15	PASS	
SDD22	MAX	-10.269	25.39	QSFP-DD_RL(800G).temp	5.269	PASS	
SDD12	Marker	-10.65	26.56	QSFP-DD_IL(800G).temp,-19.75	9.1	PASS	
SDD21	Marker	-10.66	26.56	QSFP-DD_IL(800G).temp,-19.75	9.09	PASS	
SCD21	MAX	-30.919	18	QSFP-DD_SCD21(800G).temp	12.919	PASS	
SCD21-SDD21	MAX	-17.796	34.43	QSFP-DD_SCD21-SDD21(800G).temp	14.494	PASS	
SCD11	MAX	-22.514	21.82	QSFP-DD_SCD11(800G).temp	8.725	PASS	
SCD22	MAX	-22.223	24.95	QSFP-DD_SCD11(800G).temp	9.613	PASS	
SCC11	MAX	-3.037	3.08	QSFP-DD_SCC11(800G).temp	1.237	PASS	
SCC22	MAX	-3.054	3.08	QSFP-DD_SCC11(800G).temp	1.254	PASS	

TX7--->RX7

Type		Value(dB)	Freq(GHz)	Spec	Value	Results	Fail@(GHz)
SDD11	MAX	-9.554	26.51	QSFP-DD_RL(800G).temp	4.554	PASS	
SDD22	MAX	-10.408	26.1	QSFP-DD_RL(800G).temp	5.408	PASS	
SDD12	Marker	-13.17	26.56	QSFP-DD_IL(800G).temp,-19.75	6.58	PASS	
SDD21	Marker	-13.07	26.56	QSFP-DD_IL(800G).temp,-19.75	6.68	PASS	
SCD21	MAX	-29.073	5.91	QSFP-DD_SCD21(800G).temp	11.073	PASS	
SCD21-SDD21	MAX	-20.776	39.75	QSFP-DD_SCD21-SDD21(800G).temp	19.127	PASS	
SCD11	MAX	-22.637	39.48	QSFP-DD_SCD11(800G).temp	12.095	PASS	
SCD22	MAX	-19.742	19.61	QSFP-DD_SCD11(800G).temp	5.121	PASS	
SCC11	MAX	-3.634	2.67	QSFP-DD_SCC11(800G).temp	1.834	PASS	
SCC22	MAX	-3.823	5.43	QSFP-DD_SCC11(800G).temp	2.023	PASS	

TX8--->RX8

Type		Value(dB)	Freq(GHz)	Spec	Value	Results	Fail@(GHz)
SDD11	MAX	-10.673	24.05	QSFP-DD_RL(800G).temp	5.673	PASS	
SDD22	MAX	-10.113	24.36	QSFP-DD_RL(800G).temp	5.113	PASS	
SDD12	Marker	-10.81	26.56	QSFP-DD_IL(800G).temp,-19.75	8.94	PASS	
SDD21	Marker	-10.79	26.56	QSFP-DD_IL(800G).temp,-19.75	8.96	PASS	
SCD21	MAX	-34.354	7.93	QSFP-DD_SCD21(800G).temp	16.354	PASS	
SCD21-SDD21	MAX	-19.591	38.67	QSFP-DD_SCD21-SDD21(800G).temp	17.607	PASS	
SCD11	MAX	-23.111	39.79	QSFP-DD_SCD11(800G).temp	12.604	PASS	
SCD22	MAX	-19.608	38.52	QSFP-DD_SCD11(800G).temp	8.958	PASS	
SCC11	MAX	-3.131	4.09	QSFP-DD_SCC11(800G).temp	1.331	PASS	
SCC22	MAX	-3.085	2.97	QSFP-DD_SCC11(800G).temp	1.285	PASS	

Contact US:
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Web: www.wiitek.com

.Equipments Information

ID	Equipment	Description	Date
1	E5080B	SN:MY59100821	2024/1/1
2	RD16A	RC932225724045	2024/6/4
3	VNA State File	VNA_20241105.csa	2024/12/24
4			
5			

.Test Information

Length	1	m	Type	1 to 1
Tested Link	16	Pairs	Testing following	QSFP-DD
Max Freq	40	Ghz	DeEmbed	2xTHRU
Tempure	25	°C	Calibration	SOLT
Relative Humidity	70	%	Test Result	PASS

.Tested Parameters List

.SDD11/SDD22 Differential Return Loss

PASS

.SDD12/SDD21 Differential Insertion Loss

PASS

.SCD21

PASS

.SCD21-SDD21

PASS

.SCD11/SCD22 Differential to Common Mode Return Loss

PASS

.SCC11/SCC22 Common Mode Return Loss

PASS

.Differential Impedance

PASS

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