Lvl	KA	SA	Handshake Latency Median (ms)	# Total	Data Sent (B) Client	Server
Level 5	**X25519**	dilithium5	0.38, 1.14	23.6k	793	12 923
	X25519	falcon1024	0.39, 1.89	18.1k	689	5105
	X25519	sphincs256	0.27 ⌇ 49.52	1.2k	1209	104 253
	hqc256	dilithium5	0.72, 2.38	13.7k	8266	27 880
	hqc256	falcon1024	0.73, 1.87	15.3k	8214	20 059
	hqc256	**rsa:2048**	0.71, 1.99	15.0k	8214	16 412
	hqc256	**rsa:4096**	0.67, 6.99	6.7k	8214	17 180
	hqc256	sphincs256	0.67 ⌇ 49.56	1.2k	8526	119 210
	kyber1024	dilithium5	0.33, 1.12	24.2k	2381	14 511
	kyber1024	falcon1024	0.33, 2.05	17.4k	2277	6687
	kyber1024	**rsa:2048**	0.24, 1.83	19.5k	2277	3043
	kyber1024	**rsa:4096**	0.23, 7.24	7.1k	2277	3811
	kyber1024	sphincs256	0.25 ⌇ 49.90	1.2k	2745	105 841
	kyber90s1024	dilithium5	0.35, 1.34	22.1k	2381	14 511
	kyber90s1024	falcon1024	0.34, 1.93	18.4k	2277	6688
	kyber90s1024	**rsa:2048**	0.21, 1.77	20.7k	2277	3043
	kyber90s1024	**rsa:4096**	0.21, 7.24	7.1k	2277	3811
	kyber90s1024	sphincs256	0.24 ⌇ 49.87	1.2k	2745	105 841
	p521	dilithium5	6.99 5.66	3.3k	894	13 024
	p521	falcon1024	6.96 5.72	3.3k	790	5198
	p521	**rsa:2048**	6.97 5.31	3.4k	790	1556
	p521	**rsa:4096**	6.92 8.67	2.5k	790	2324
	p521	sphincs256	6.95 ⌇ 49.53	898	1206	104 354
	X25519	dilithium5_aes	0.36, 0.98	25.1k	793	12 923
	X25519	p521_dilithium5	0.35, 7.57	6.8k	793	13 330
	X25519	p521_falcon1024	0.35, 8.73	6.0k	689	5568
	X25519	p521_sphincs256	0.26 ⌇ 60.81	978	1209	104 679
	hqc256	dilithium5_aes	0.71, 2.23	14.0k	8266	27 880
	hqc256	p521_dilithium5	0.75, 7.96	6.1k	8318	28 288
	hqc256	p521_falcon1024	0.73, 8.52	5.8k	8214	20 533
	hqc256	p521_sphincs256	0.68 ⌇ 60.85	956	8526	119 635
	kyber1024	dilithium5_aes	0.33, 0.96	26.2k	2381	14 511
	kyber1024	p521_dilithium5	0.28, 8.12	6.4k	2381	14 918
	kyber1024	p521_falcon1024	0.28, 8.65	6.1k	2277	7164
	kyber1024	p521_sphincs256	0.24 ⌇ 61.22	958	2745	106 267
	kyber90s1024	dilithium5_aes	0.28, 0.93	27.2k	2381	14 511
	kyber90s1024	p521_dilithium5	0.24, 8.12	6.4k	2381	14 919
	kyber90s1024	p521_falcon1024	0.24, 9.05	5.8k	2277	7158
	kyber90s1024	p521_sphincs256	0.24 ⌇ 61.22	959	2745	106 266
	p521_hqc256	dilithium5	7.52 8.61	2.5k	8399	28 013
	p521_hqc256	dilithium5_aes	7.51 9.67	2.5k	8399	28 013
	p521_hqc256	falcon1024	7.51 9.96	2.4k	8347	20 191
	p521_hqc256	p521_dilithium5	7.54 ⌇ 13.92	2.2k	8399	28 421
	p521_hqc256	p521_falcon1024	7.54 ⌇ 13.96	2.2k	8347	20 660
	p521_hqc256	p521_sphincs256	7.50 ⌇ 59.65	789	8607	119 768
	p521_hqc256	**rsa:2048**	7.51 4.88	3.5k	8347	16 545
	p521_hqc256	**rsa:4096**	7.46 9.01	2.5k	8347	17 365
	p521_hqc256	sphincs256	7.49 ⌇ 49.55	887	8607	119 343
	p521_kyber1024	dilithium5	7.09 8.16	2.8k	2514	14 644
	p521_kyber1024	dilithium5_aes	7.06 5.61	3.3k	2514	14 644
	p521_kyber1024	falcon1024	7.07 5.80	3.3k	2410	6819
	p521_kyber1024	p521_dilithium5	7.08 ⌇ 13.66	2.3k	2514	15 051
	p521_kyber1024	p521_falcon1024	7.09 ⌇ 13.70	2.3k	2410	7290
	p521_kyber1024	p521_sphincs256	7.04 ⌇ 59.92	788	2774	106 399
	p521_kyber1024	**rsa:2048**	7.08 8.43	2.5k	2410	3176
	p521_kyber1024	**rsa:4096**	7.11 8.82	2.5k	2410	3944
	p521_kyber1024	sphincs256	7.05 ⌇ 49.88	899	2774	105 974
	p521	dilithium5_aes	6.99 5.54	3.3k	894	13 024
	p521	p521_dilithium5	6.98 ⌇ 13.51	2.3k	894	13 431
	p521	p521_falcon1024	6.99 ⌇ 13.57	2.3k	790	5669
	p521	p521_sphincs256	6.99 ⌇ 59.63	794	1206	104 780

Legend: **Pre-Quantum** ▢ Handshake Part A (Client Hello to Server Hello)   ▢ Handshake Part B (Server Hello to Client Change Cipher Spec)