

Model:JT070M-B08

Suzhou ShaoHao Tech Co., Ltd.

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PCBA RF test data

WIFI	CH	功率 (54M)	灵敏度 (54M)
802. 11a	149	16. 13	-75
	157	15. 72	-75
	165	14. 96	-74
WIFI	CH	功率 (11M)	灵敏度 (11M)
802. 11b	1	15. 30	-84
	6	16. 11	-84
	13	16. 37	-84

WIFI	CH	功率 (54M)	灵敏度 (54M)
802. 11g	1	13. 34	-71
	6	13. 80	-72
	13	14. 3	-72
WIFI	CH	功率 (MSC7M)	灵敏度 (MSC7M)
802. 11n	1	12. 12	-67
	6	13. 08	-68
	13	13. 46	-69

PCBA RF test data

WIFI	CH	TRP (40M, MCS9)	TIS (40M, MCS9)
802. 11AC	36	14. 23	-67
	149	13. 68	-67
	161	12. 34	-67
WIFI	CH	TRP (40M, MSC11)	TIS (40M, MCS11)
802. 11AX	36	12. 46	-65
	149	11. 79	-65
	161	11. 23	-64

OTA darkroom test data

WIFI	CH	TRP (54M)	TIS (54M)
802. 11A	149	14. 33	-70. 36
	157	13. 76	-71. 37
	165	13. 29	-70. 77
WIFI	CH	TRP (11M)	TIS (11M)
802. 11B	1	13. 18	-78. 48
	6	13. 01	-77. 55
	13	14. 22	-76. 89

WIFI	CH	TRP (54M)	TIS (54M)
802. 11G	1	11. 02	-66. 02
	6	11. 79	-66. 23
	13	11. 95	-65. 72
WIFI	CH	TRP (MSC7)	TIS (MSC7)
802. 11N	1	10. 29	-61. 94
	6	10. 57	-62. 53
	13	10. 19	-61. 76

OTA darkroom test data

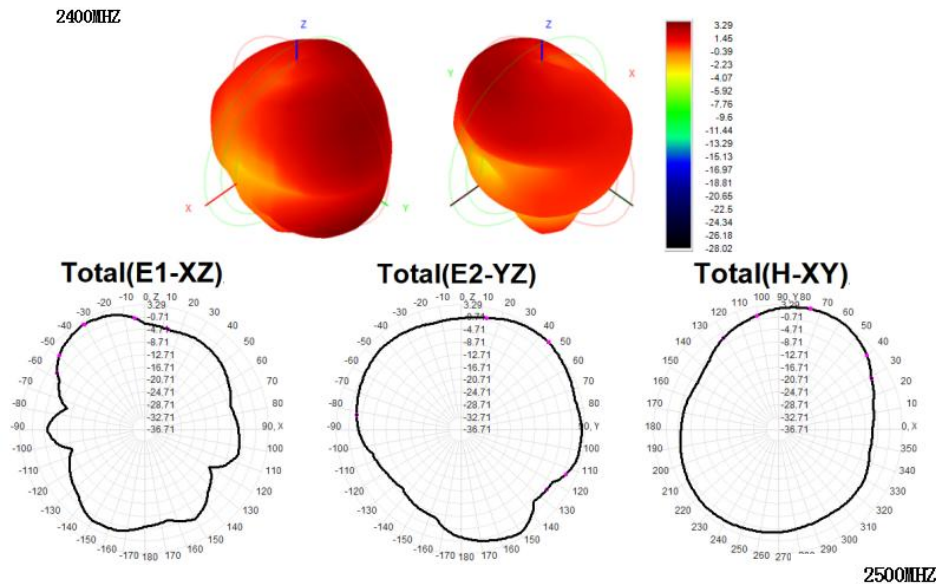
WIFI	CH	TRP (40M, MCS9)	TIS (40M, MCS9)
802. 11AC	36	12. 67	−61. 69
	149	11. 39	−61. 47
	161	10. 54	−60. 23
WIFI	CH	TRP (40M, MSC11)	TIS (40M, MCS11)
802. 11AX	36	11. 28	−60. 15
	149	10. 31	−60. 34
	161	10. 04	−59. 78

2.4G Passive test data

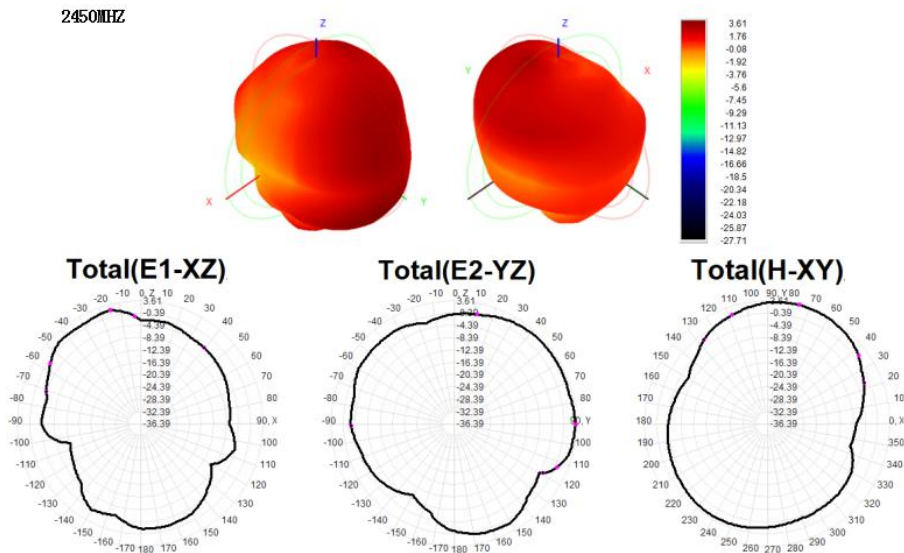
Passive Test For 2400–2500MHz		
Freq	Effi	Gain
(MHz)	(%)	(dBi)
2400	57.76	3.29
2410	57.40	3.40
2420	58.24	3.52
2430	60.27	3.64
2440	59.15	3.51
2450	61.89	3.61
2460	61.61	3.41
2470	58.07	2.96
2480	59.52	2.78
2490	61.47	2.75
2500	60.23	2.60

2.4G Passive test data Field diagram

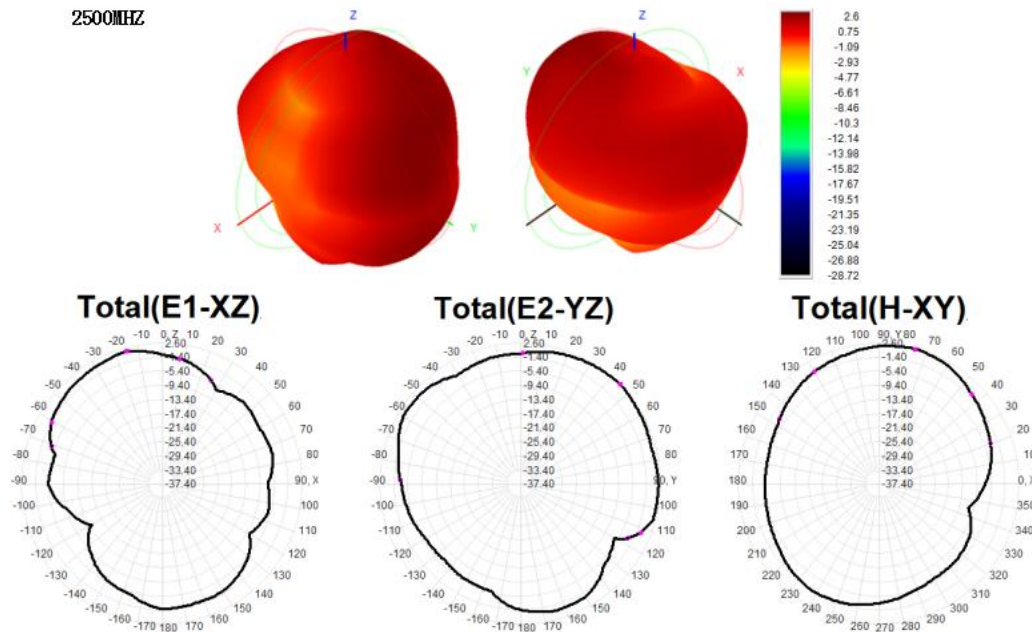
Radiation Patterns (2400MHz)



Radiation Patterns (2450MHz)



Radiation Patterns (2500MHz)

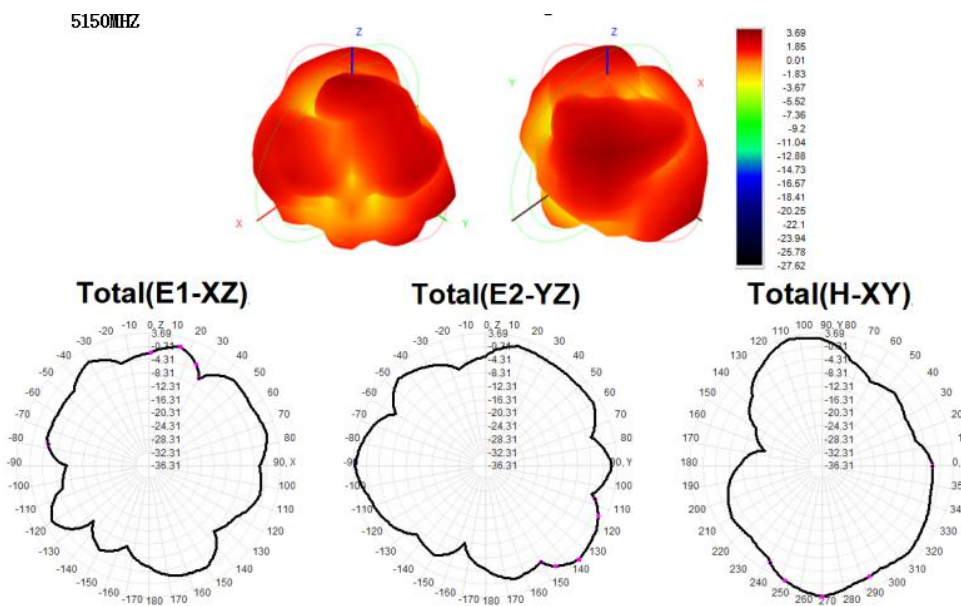


5G Passive test data

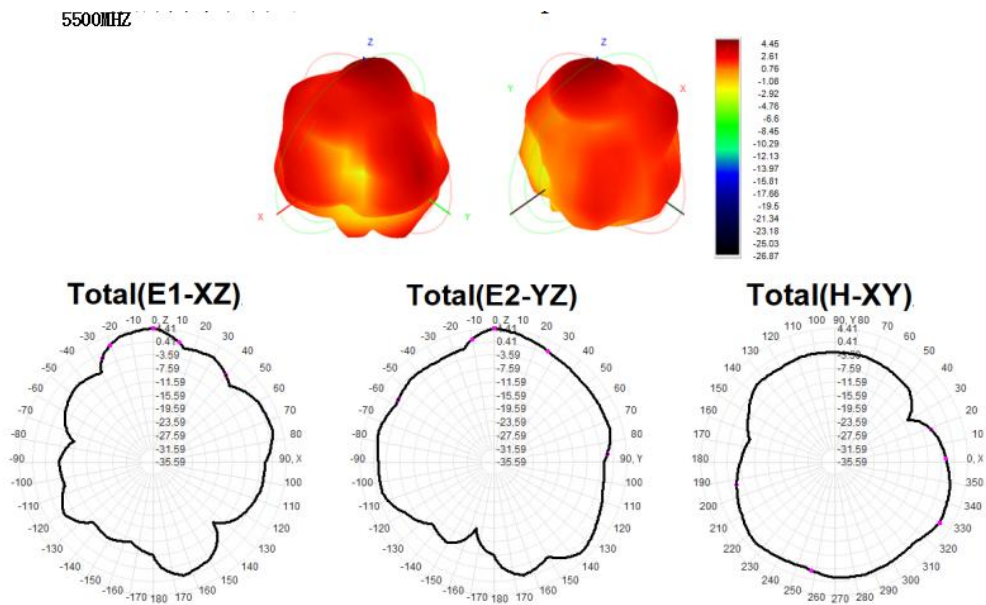
Passive Test For 5150–5850MHz			Passive Test For 5150–5850MHz		
Freq	Effi	Gain	Freq	Effi	Gain
(MHz)	(%)	(dBi)	(MHz)	(%)	(dBi)
5150.0	59.83	3.69	5535.0	54.47	4.88
5185.0	60.94	3.31	5570.0	56.03	4.45
5220.0	51.79	2.15	5605.0	60.37	4.32
5255.0	59.43	3.00	5640.0	55.54	4.14
5290.0	57.02	2.90	5675.0	57.15	4.87
5325.0	58.87	2.75	5710.0	57.53	4.83
5360.0	56.29	3.30	5745.0	59.43	4.49
5395.0	56.14	3.54	5780.0	57.78	3.62
5430.0	59.98	3.35	5815.0	52.69	3.55
5465.0	58.10	3.74	5850.0	53.45	3.90
5500.0	58.85	4.45			

5G Passive test data Field diagram

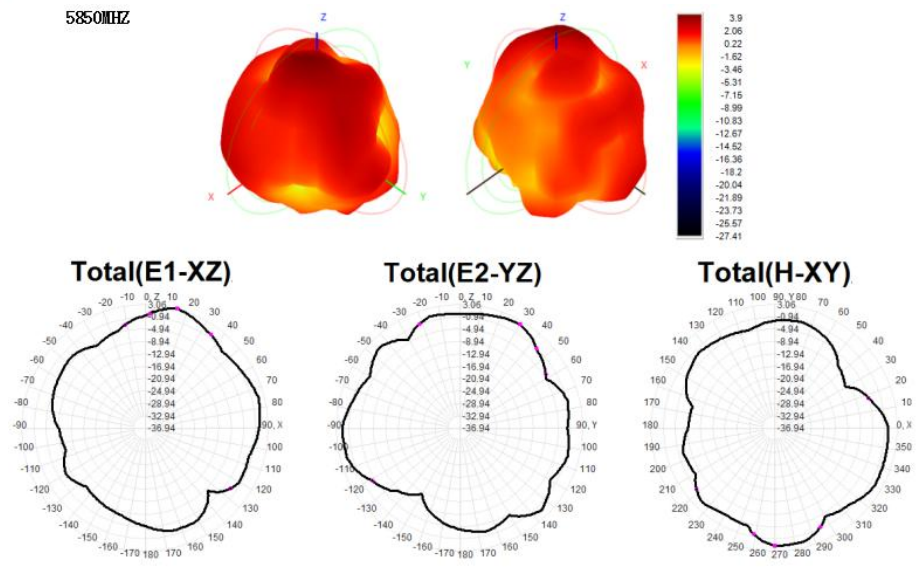
Radiation Patterns (5150MHz)



Radiation Patterns (5500MHz)



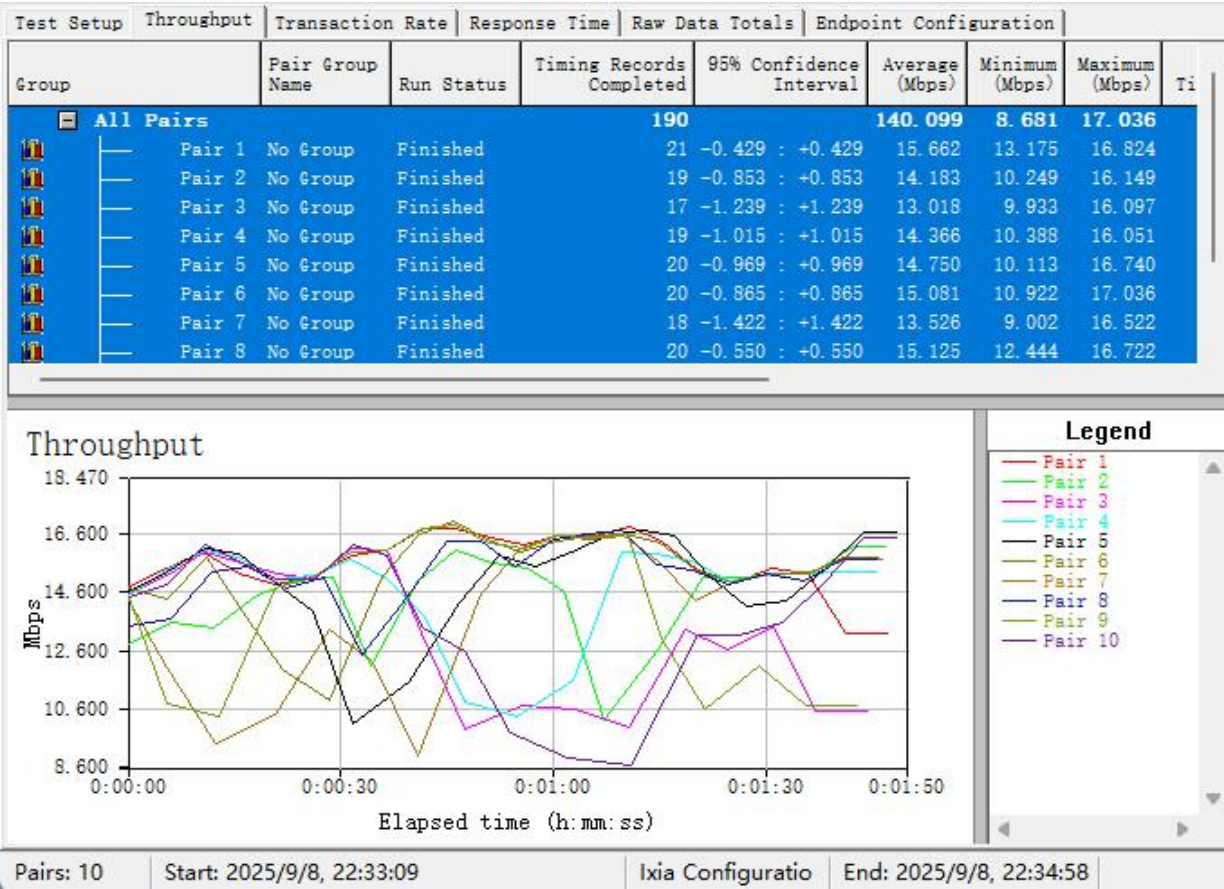
Radiation Patterns (5850MHz)



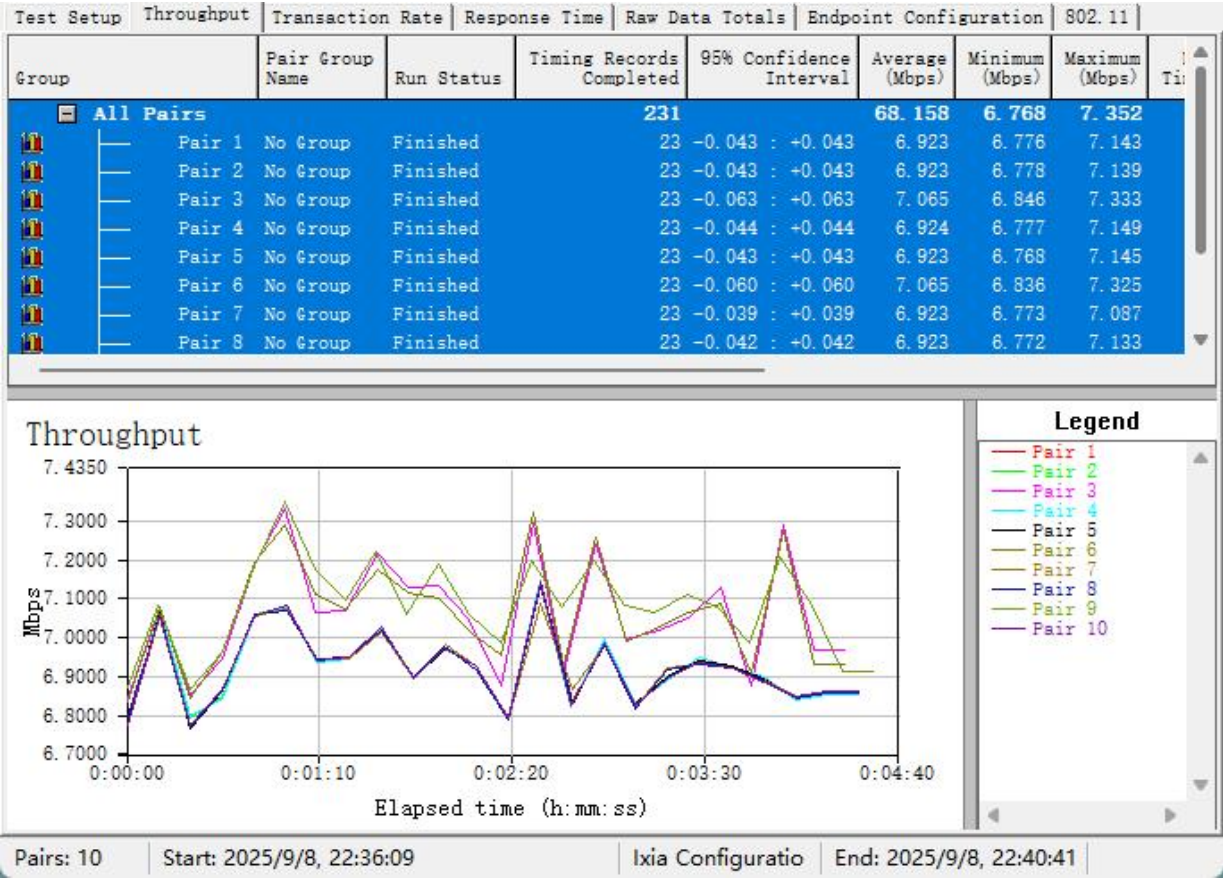
Passive test standing wave diagram



2.4G WiFi throughput test



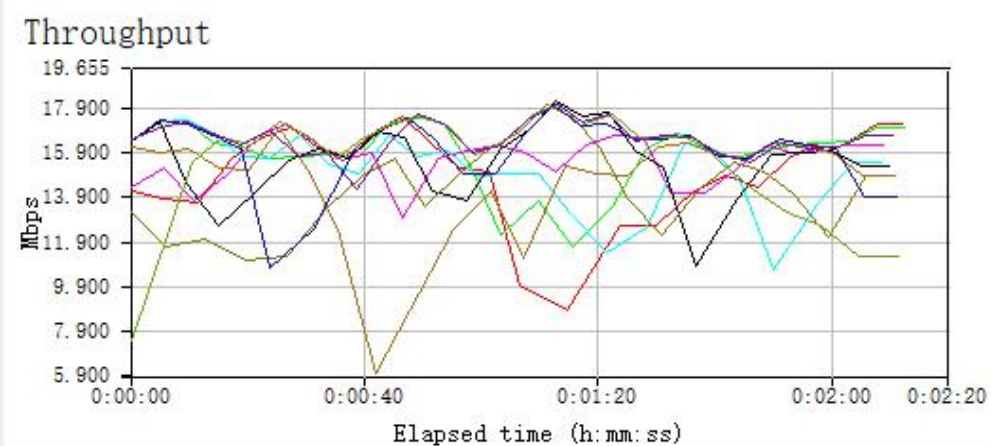
2.4G-TX:140.09Mbps



2.4G-RX:68.15Mbps

5.8G WiFi throughput test

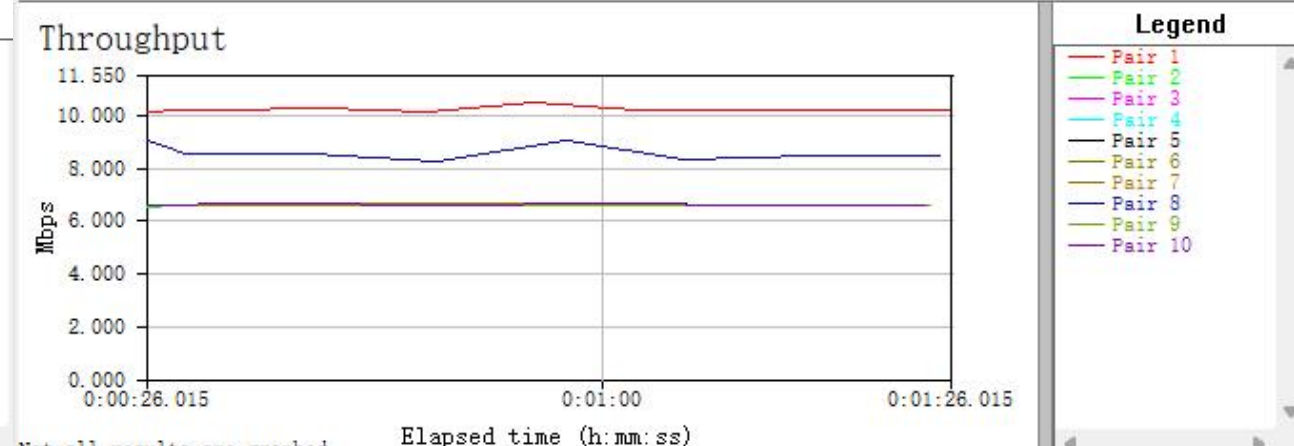
Test Setup		Throughput	Transaction Rate		Response Time	Raw Data Totals		Endpoint Configuration	
Group	Pair Group Name	Run Status	Timing Records Completed	95% Confidence Interval	Average (Mbps)	Minimum (Mbps)	Maximum (Mbps)	Ti	
All Pairs			248		149.542	5.996	18.257		
	Pair 1	No Group	Finished	24 -1.174 : +1.174	14.496	8.861	17.528		
	Pair 2	No Group	Finished	26 -0.703 : +0.703	15.680	11.710	17.586		
	Pair 3	No Group	Finished	25 -0.452 : +0.452	15.508	13.021	17.212		
	Pair 4	No Group	Finished	24 -0.855 : +0.855	14.923	10.671	17.335		
	Pair 5	No Group	Finished	25 -0.793 : +0.793	15.379	10.808	18.257		
	Pair 6	No Group	Finished	23 -0.851 : +0.851	14.023	11.073	18.042		
	Pair 7	No Group	Finished	23 -1.900 : +1.900	14.093	5.996	17.058		
	Pair 8	No Group	Finished	26 -0.801 : +0.801	15.841	10.790	18.038		



Pairs: 10 | Start: 2025/9/8, 22:44:51 | Ixia Configuratio | End: 2025/9/8, 22:47:04

5.8G-TX:149.54Mbps

Test Setup		Throughput	Transaction Rate		Response Time	Raw Data Totals		Endpoint Configuration		802.11
Group	Pair Group Name	Run Status	Timing Records Completed	95% Confidence Interval	Average (Mbps)	Minimum (Mbps)	Maximum (Mbps)	Ti		
All Pairs			76		70.685	6.546	10.497			
	Pair 1	No Group	Running	11 of 100	n/a	10.241	10.005			
	Pair 2	No Group	Running	7 of 100	n/a	6.633	6.558			
	Pair 3	No Group	Running	7 of 100	n/a	6.653	6.546			
	Pair 4	No Group	Running	7 of 100	n/a	6.640	6.552			
	Pair 5	No Group	Running	7 of 100	n/a	6.633	6.561			
	Pair 6	No Group	Running	7 of 100	n/a	6.657	6.562			
	Pair 7	No Group	Running	7 of 100	n/a	6.630	6.572			
	Pair 8	No Group	Running	9 of 100	n/a	8.459	6.821			



Not all results are graphed

Pairs: 10 | Status: Running real-time mode until any c | Ixia Configuratio | Run time: 00:01:28

5.8G-RX:70.68Mbps

Antenna placement position

