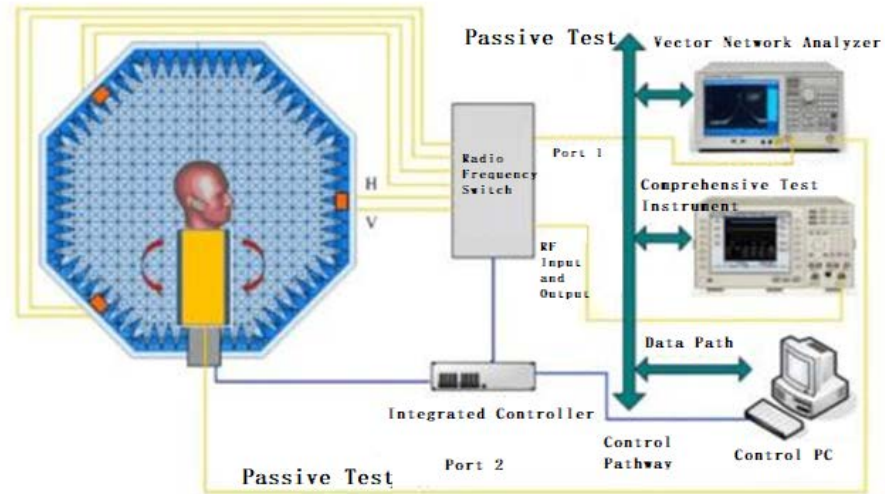


RF Report

Model Name	EMC3290-D
HW Solution	IOT WLAN (802.11) Module RTL8720DF
FW Version	0000.0000.A304
Report No.	MXCHIP-EMC3290-D RF Test_003

Antenna Efficiency

Test Environment



Test Data

EMC3290-D 2.4GHz/5GHz Antenna Efficiency							
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	48.23	-3.17	-0.62	5150	43.25	-3.64	-0.97
2410	51.43	-2.89	-0.59	5200	44.78	-3.49	-0.83
2420	52.67	-2.78	-0.46	5250	46.32	-3.34	-0.92
2430	54.36	-2.65	-0.54	5300	46.98	-3.28	-0.85
2440	55.49	-2.56	-0.48	5350	47.89	-3.20	-0.93
2450	56.81	-2.46	-0.37	5400	48.23	-3.17	-0.98
2460	54.34	-2.65	-0.53	5450	50.02	-3.01	-0.85
2470	53.57	-2.71	-0.62	5500	51.38	-2.89	-0.74
2480	52.39	-2.81	-0.59	5550	52.09	-2.83	-0.69
2490	49.86	-3.02	-0.68	5600	50.36	-2.98	-0.83
2500	48.65	-3.13	-0.53	5650	49.67	-3.04	-0.92
AVG	52.53	-2.80	-0.55	5700	48.93	-3.10	-0.86
				5750	47.56	-3.23	-0.84
				5800	46.71	-3.31	-0.92
				5850	46.17	-3.36	-0.85
				AVG	48.02	-3.19	-0.87