

T77h552.00 RF Performance Report

Test item	Test condition	DVT Spec.	Frequency/MHz (Channel 1-13)													
				2412	2417	2422	2427	2432	2437	2442	2447	2452	2457	2462	2467	2472
TX EVM	11b-11Mbps@16.5dBm	16.5±1.5dBm	Power	16.5	16.8	16.5	16.6	16.8	16.5	16.6	16.5	16.5	16.5	16.6	16.5	16.6
		≤ -5dB	EVM	-28.1	-28.1	-27.9	-27.8	-28.1	-28.5	-28.5	-28.3	-28.8	-29.2	-29.1	-29.2	-28.9
	11g-54Mbps@13dBm	13±1.5dBm	Power	13	13	13	13.1	13.1	13.1	13.1	13	13.1	13.1	13.1	13	13
		≤ -25dB	EVM	-29.3	-29.5	-30.4	-29.9	-30	-30.4	-30.1	-30.7	-30.6	-31.3	-31	-31.3	-31.5
	11n HT20 MCS7@12dBm	12±1.5dBm	Power	12.1	12.3	12.1	12.2	12.4	12.2	12	11.9	12.1	12.3	12.3	12.1	11.9
		≤ -27dB	EVM	-29.7	-29.6	-31	-30.2	-30.4	-31	-31.3	-31	-31.1	-30.9	-30.9	-31.6	-31.3
Mask	b/g/n			PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
TX Spur Emission (11b-1Mbps@16.5dBm)	>1GHz	≤ -41.3dBm		-45.9						-48						-47.6
RX Sensitivity	11b-11Mbps	≤ -76dBm	Min.	-88	-88	-88	-89	-89	-88	-88	-89	-89	-89	-89	-89	-89
	11g-54Mbps	≤ -65dBm	Min.	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75
	11n HT20 MCS7	≤ -64dBm	Min.	-72	-72	-71	-72	-72	-72	-72	-72	-72	-72	-72	-72	-72