



11B-Ant1-2412-PASS



11B-Ant1-2437-PASS



11B-Ant1-2462-PASS



11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



11G-Ant1-2462-PASS



11N20-Ant1-2412-PASS



11N20-Ant1-2437-PASS



11N20-Ant1-2462-PASS



11N40-Ant1-2422-PASS



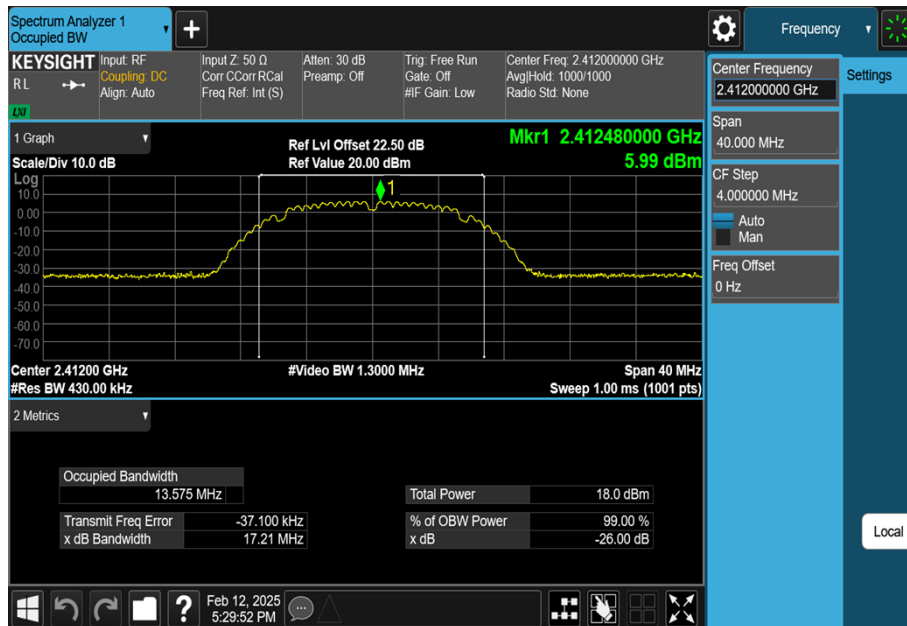
11N40SISO-Ant1-2437-PASS



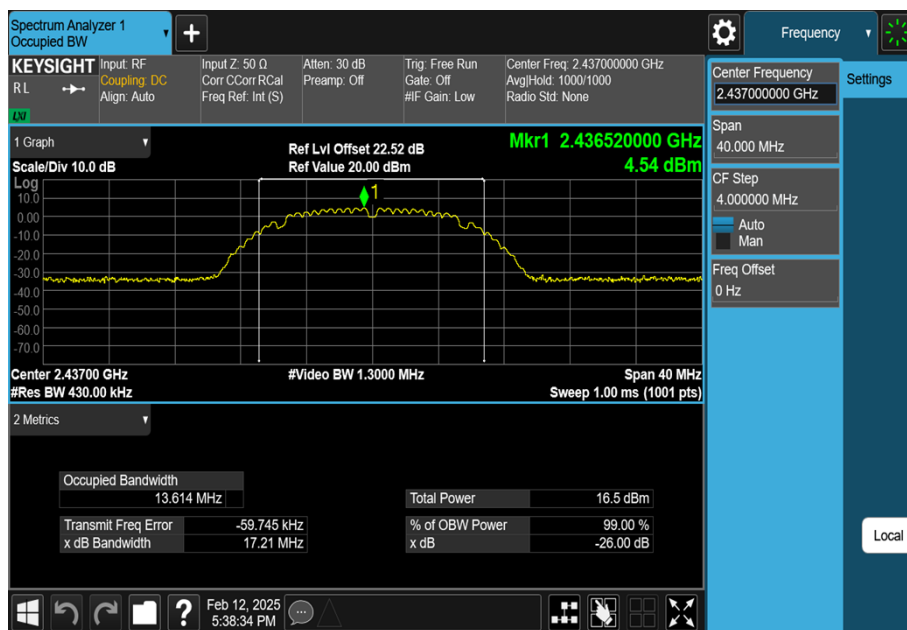
11N40-Ant1-2452-PASS

Occupied Channel Bandwidth

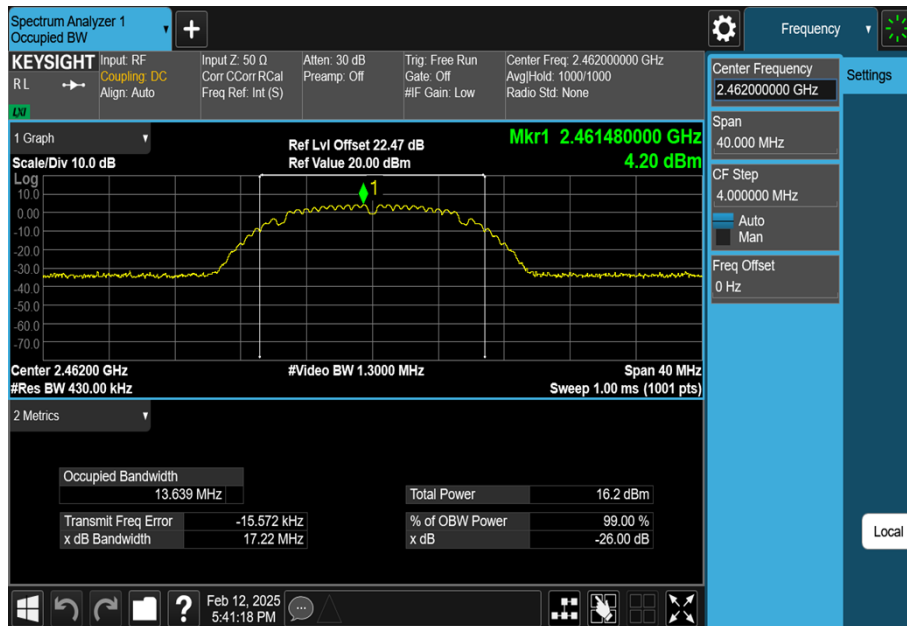
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.575	2405.1754	2418.7504	---	---
11B	Ant1	2437	13.614	2430.1333	2443.7473	---	---
11B	Ant1	2462	13.639	2455.1649	2468.8039	---	---
11G	Ant1	2412	17.255	2403.3323	2420.5873	---	---
11G	Ant1	2437	17.182	2428.3563	2445.5383	---	---
11G	Ant1	2462	17.201	2453.3850	2470.5860	---	---
11N20	Ant1	2412	18.251	2402.8187	2421.0697	---	---
11N20	Ant1	2437	18.254	2427.7839	2446.0379	---	---
11N20	Ant1	2462	18.173	2452.8776	2471.0506	---	---
11N40	Ant1	2422	36.448	2403.6984	2440.1464	---	---
11N40	Ant1	2437	36.539	2418.6572	2455.1962	---	---
11N40	Ant1	2452	36.491	2433.7000	2470.1910	---	---



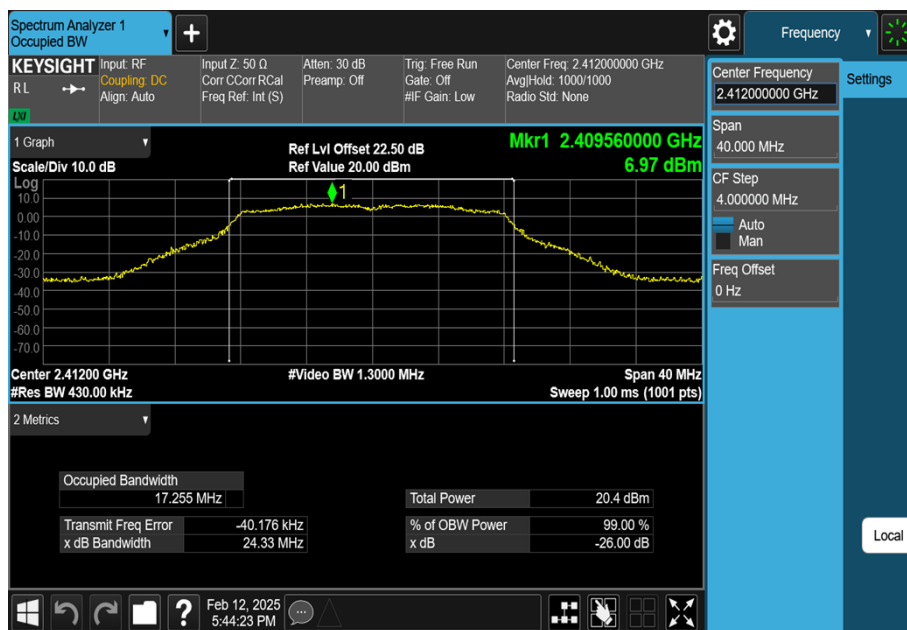
11B-Ant1-2412



11B-Ant1-2437



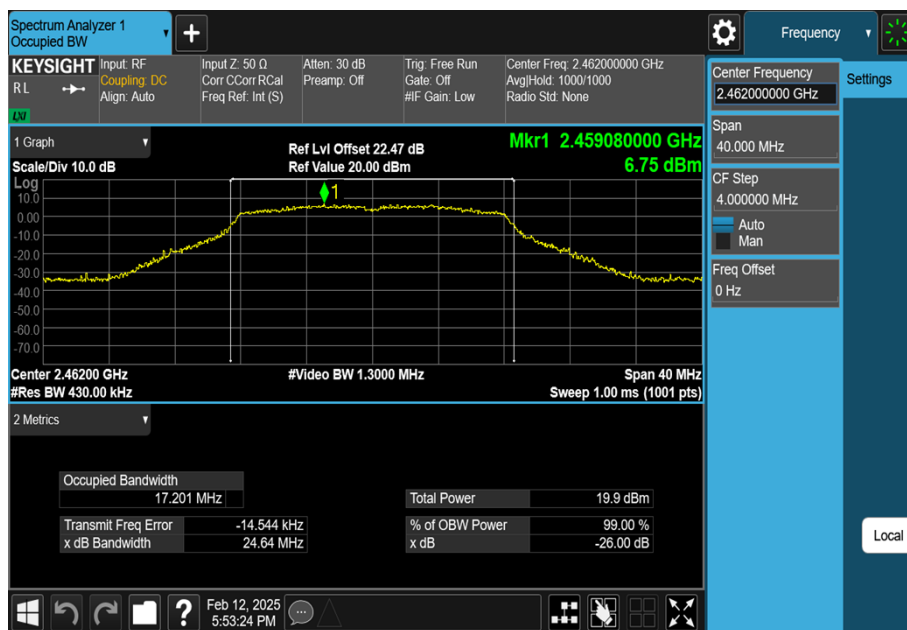
11B-Ant1-2462



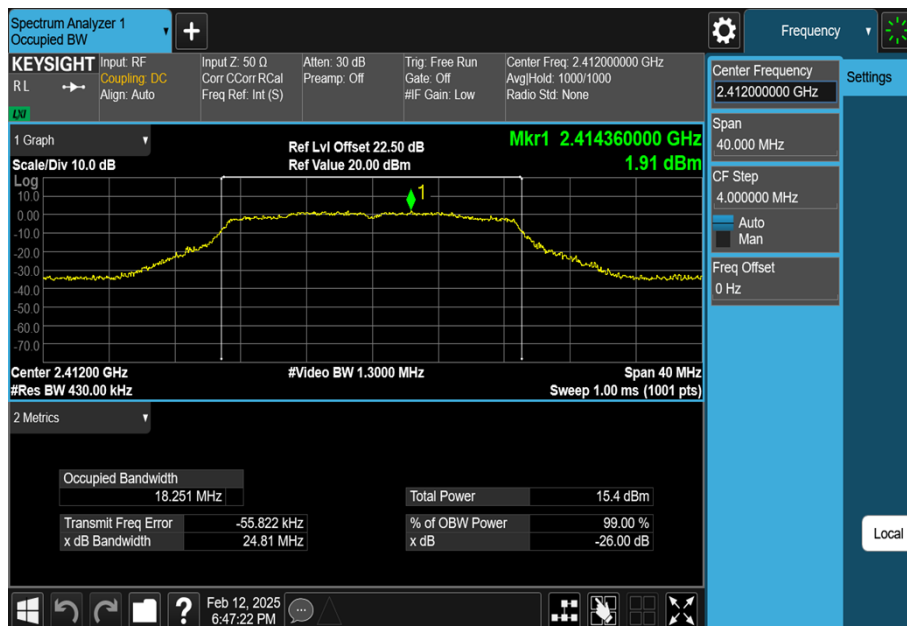
11G-Ant1-2412



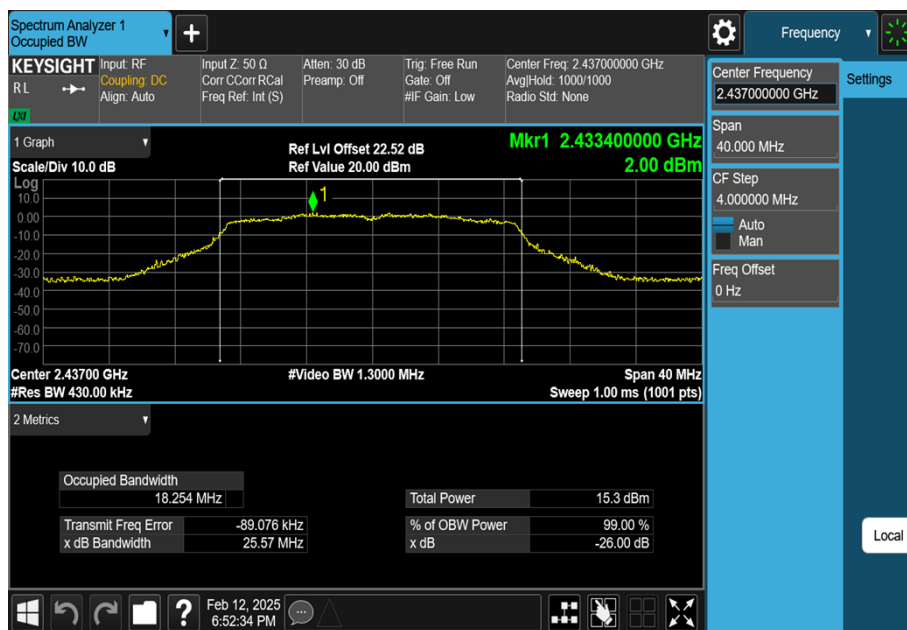
11G-Ant1-2437



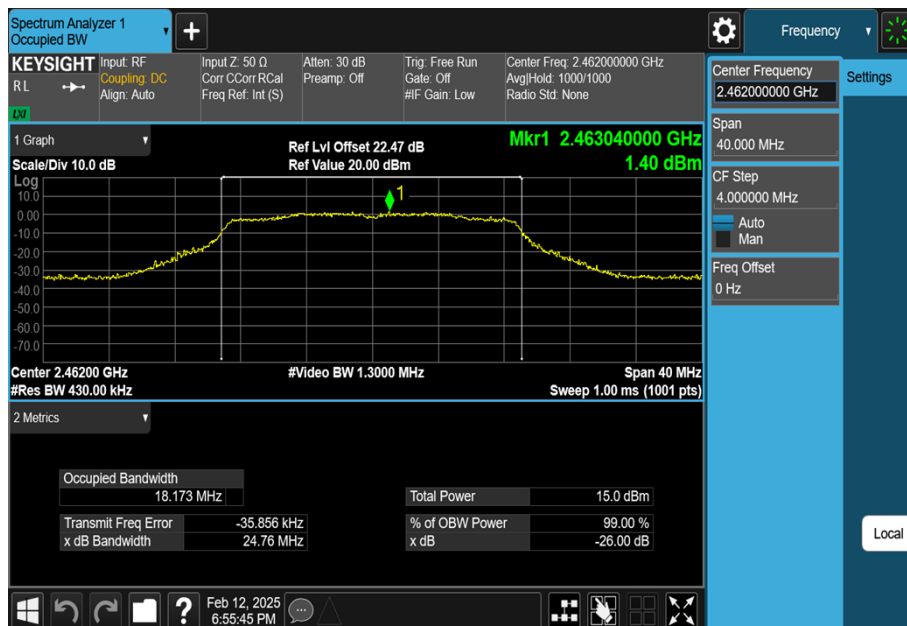
11G-Ant1-2462



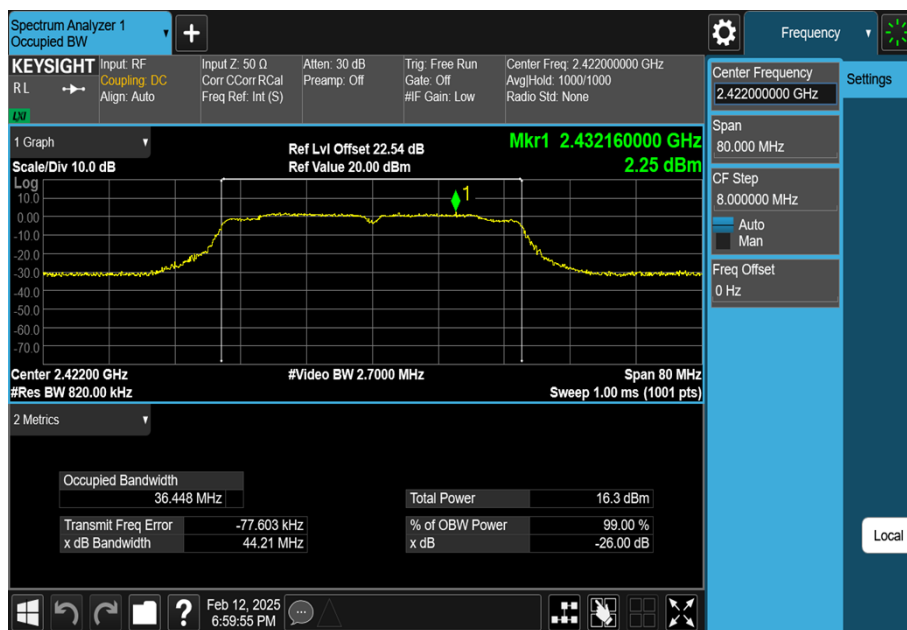
11N20-Ant1-2412



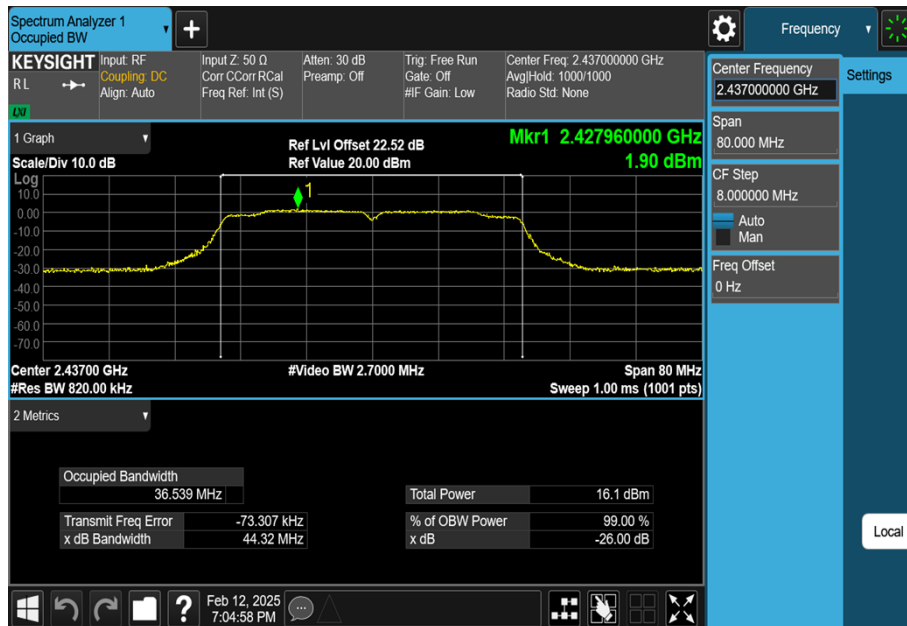
11N20-Ant1-2437



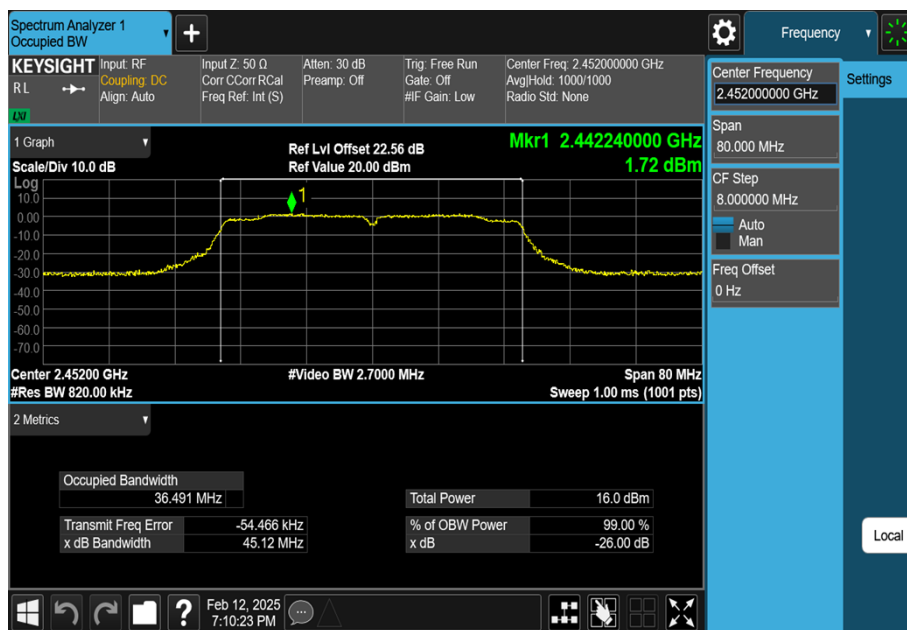
11N20-Ant1-2462



11N40-Ant1-2422



11N40-Ant1-2437



11N40-Ant1-2452

3.5 Maximum conducted output power

3.5.1 Limit

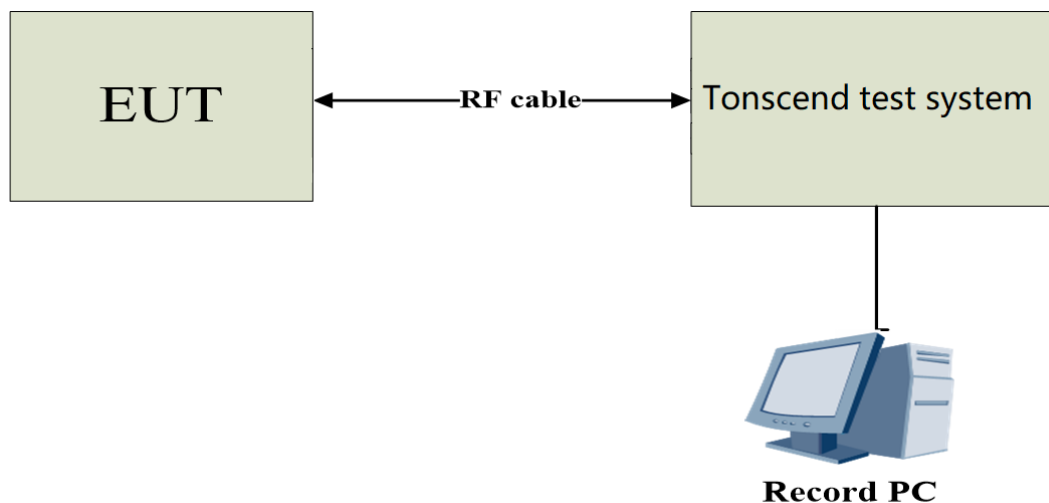
For systems using digital modulation in the 2400~2483.5MHz, The Maximum output Power shall not exceed 1W(30dBm)

3.5.2 Test Procedure

Test Method	
☒ Conducted Measurement	☐ Radiated Measurement
Test Channels	
☒ Lowest, Middle and Highest Channel	☐ Lowest and Highest Channel
Environmental conditions	
☒ Normal	☐ Normal and Extreme
Note: ☒ : Test ☐ : No Test	

- The EUT was directly connected to the tonscend test system and antenna output port as show in the block diagram below.
- The maximum conducted output power was performed in accordance with method 11.9.1.3 (for peak power) of ANSI C63.10-2013.

3.5.3 Test Setup



3.5.4 Table of Parameters of Text Software Setting

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

For Power setting value

Test Mode	Power Level Setting defined by Manufacturer		
Test Software Version	cmd.exe		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	default	default	default
IEEE 802.11g	default	default	default
IEEE 802.11n(20)	default	default	default
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(40)	default	default	default