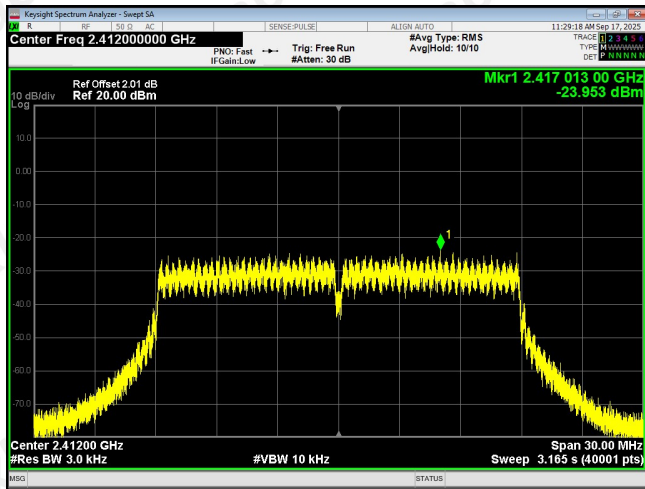
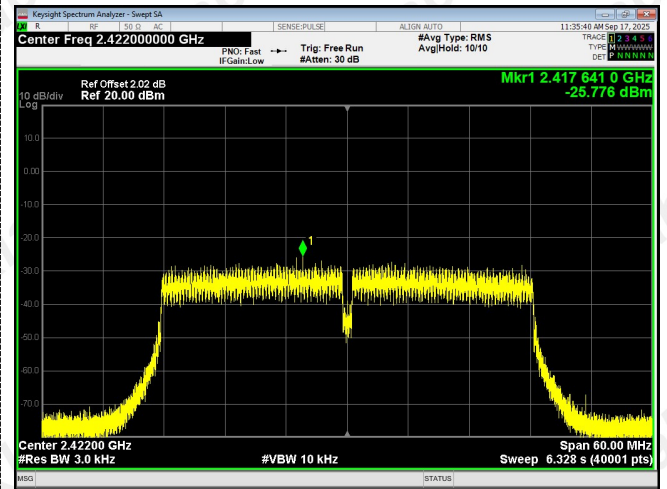


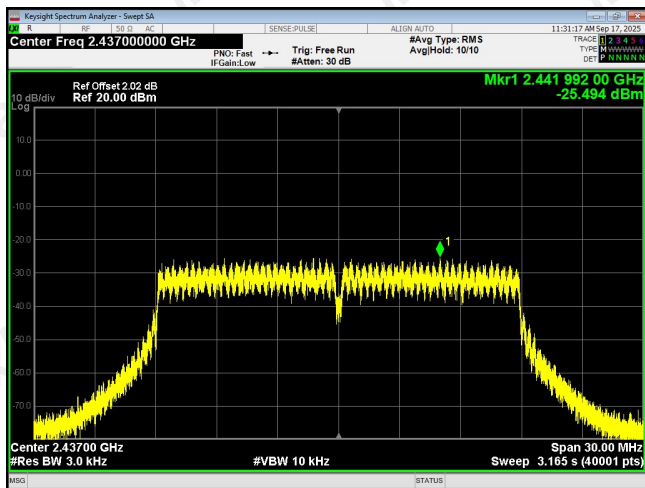
802.11n(HT20)



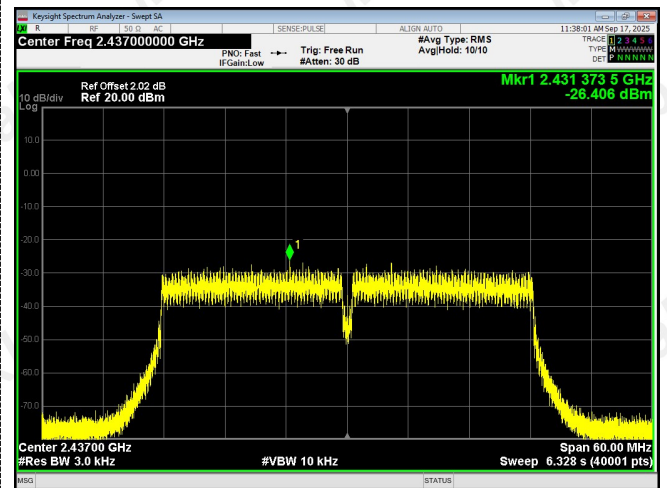
802.11n(HT40)



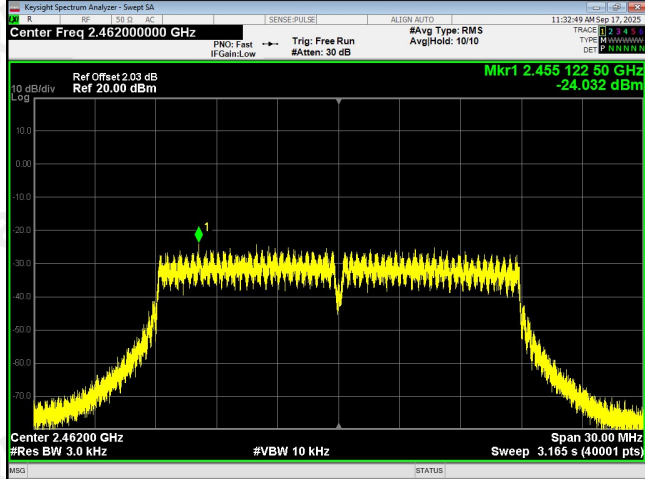
CH01



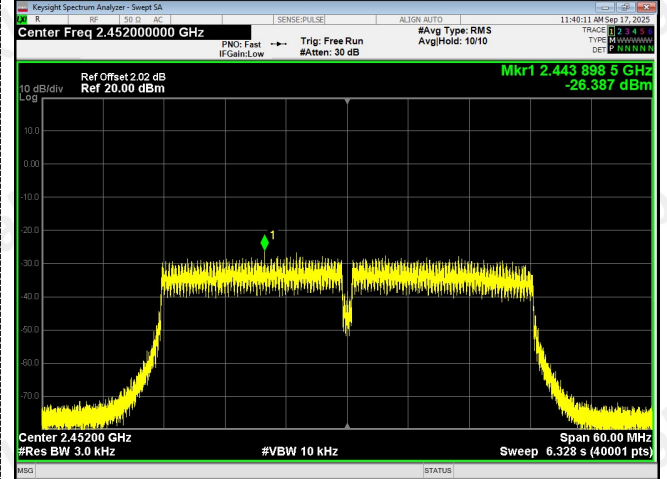
CH03



CH06



CH06



CH11

CH09

4.5 6dB Bandwidth

Limit

For digital modulation systems, the minimum 6 dB bandwidth shall be at least 500 kHz

Test Procedure

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with 100 KHz RBW and 300 KHz VBW. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

Test Configuration



Test Results

Type	Channel	6dB Bandwidth (MHz)		Limit (KHz)	Result
		ANT1	ANT2		
802.11b	01	8.038	7.518	≥500	Pass
	06	7.567	8.073		
	11	7.054	8.067		
802.11g	01	16.06	16.337	≥500	Pass
	06	16.311	16.32		
	11	16.311	15.687		
802.11n(HT20)	01	16.943	17.625	≥500	Pass
	06	17.186	17.631		
	11	16.988	16.938		
802.11n(HT40)	03	34.302	34.925	≥500	Pass
	06	36.381	35.673		
	09	36.326	35.682		

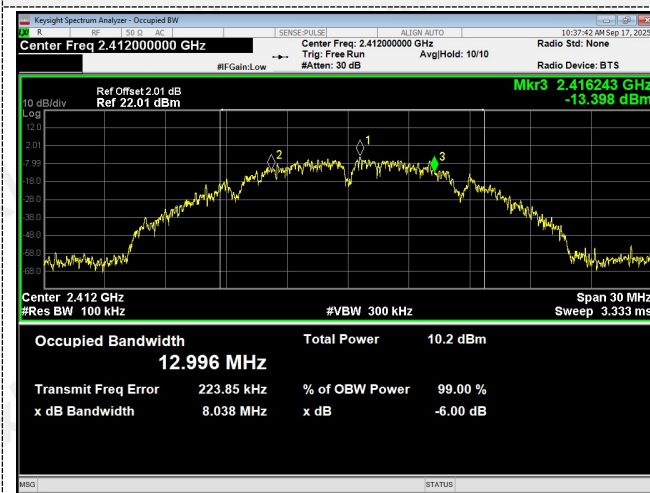
Note:

- 1) Measured peak power spectrum density at difference data rate for each mode and recorded worst case for each mode.
 - 2) Test results including cable loss;
 - 3) Worst case data at 1Mbps at IEEE 802.11b; 6Mbps at IEEE 802.11g; 6.5Mbps at IEEE 802.11n HT20; 13.5Mbps at IEEE 802.11n HT40;
- Please refer to following plots;

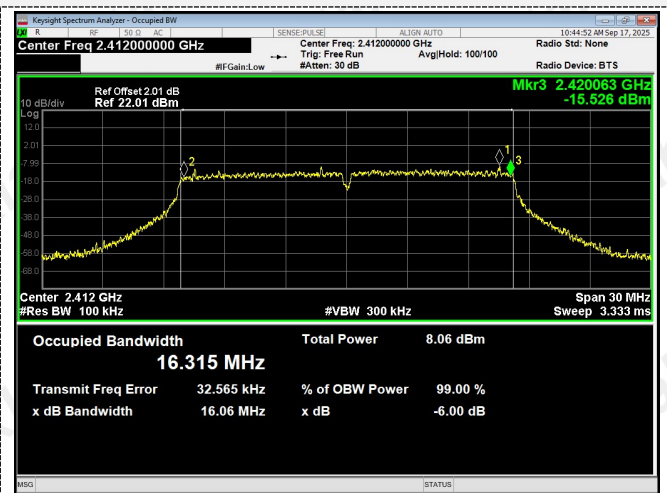
Test Graphs

ANT1

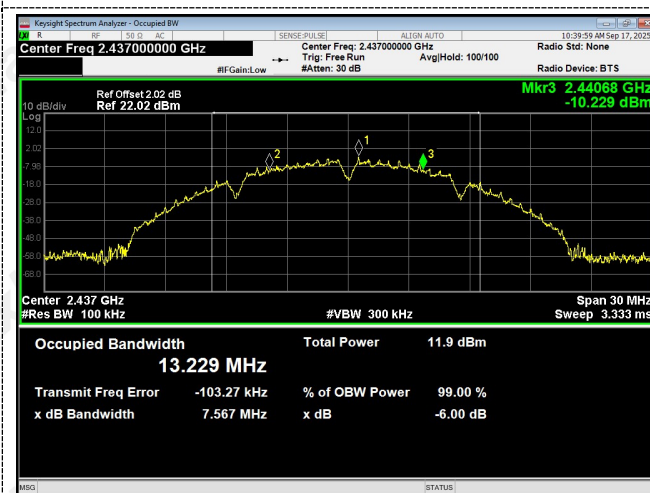
802.11b



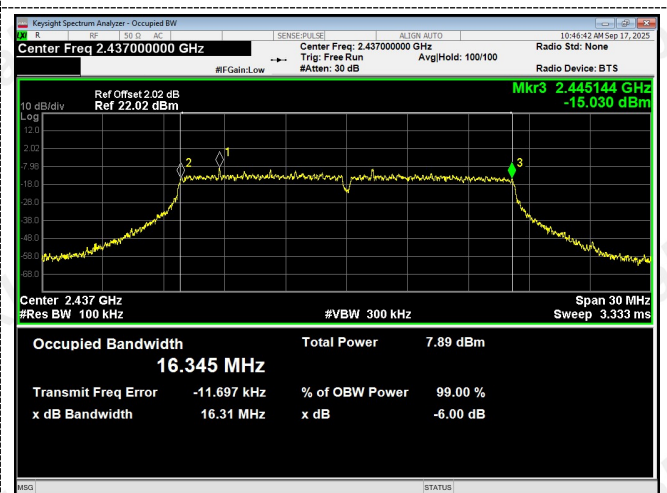
802.11g



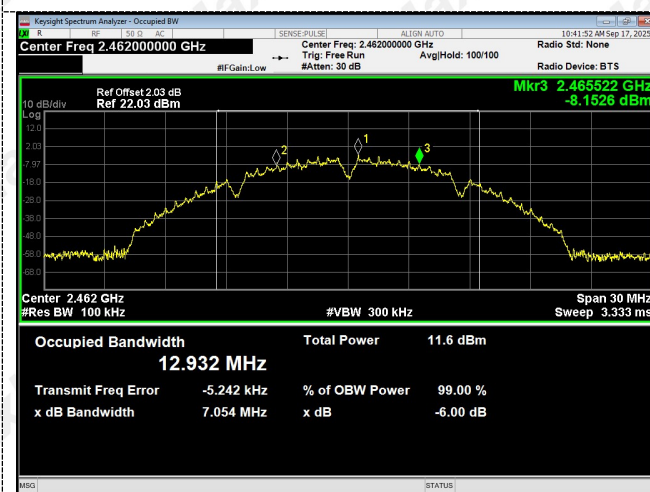
CH01



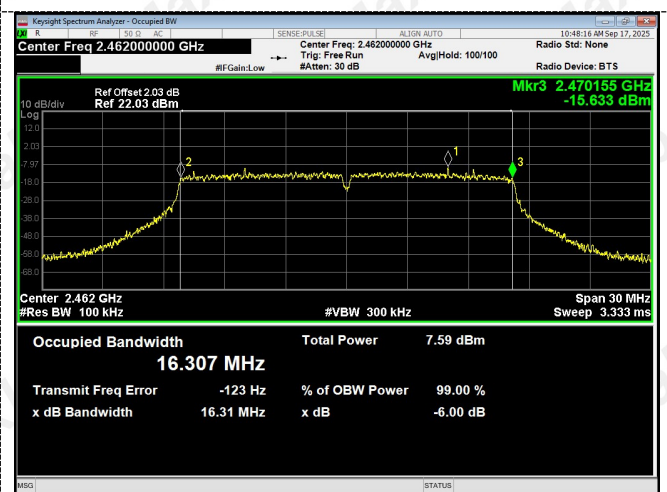
CH01



CH06



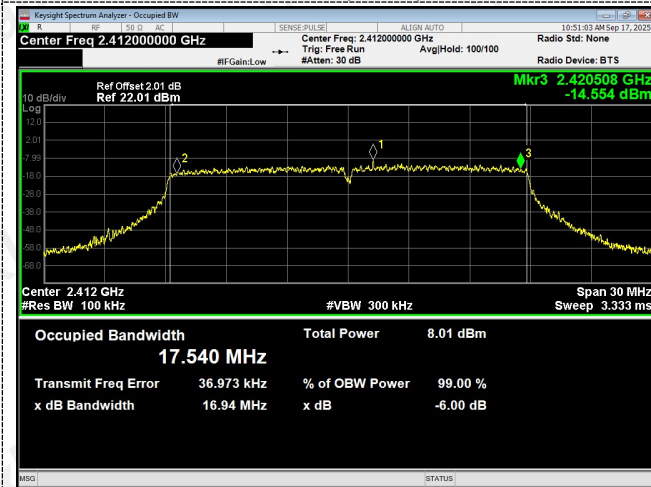
CH06



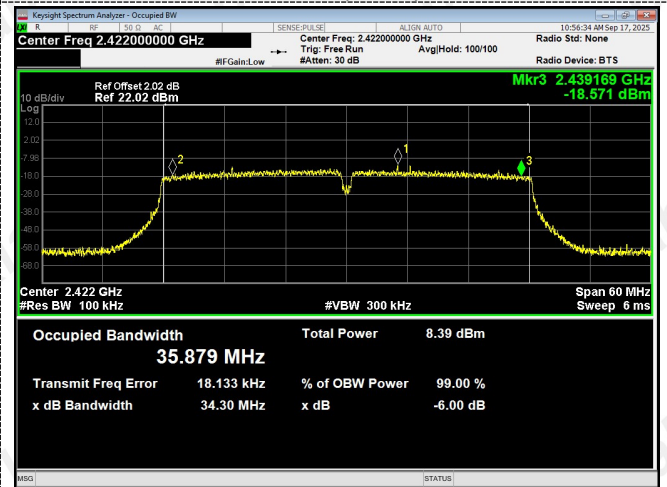
CH11

CH11

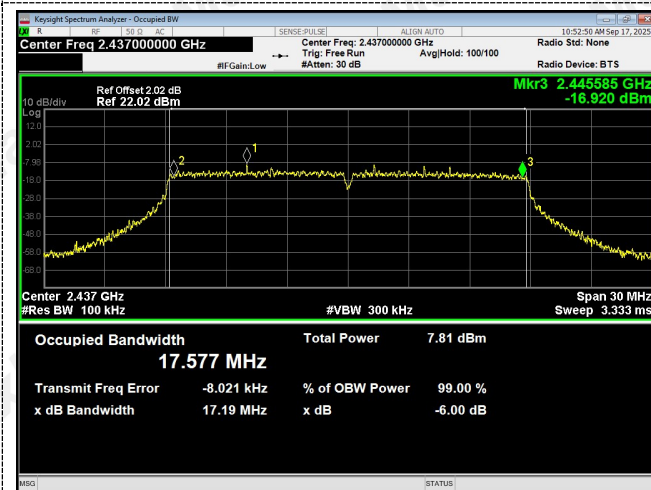
802.11n(HT20)



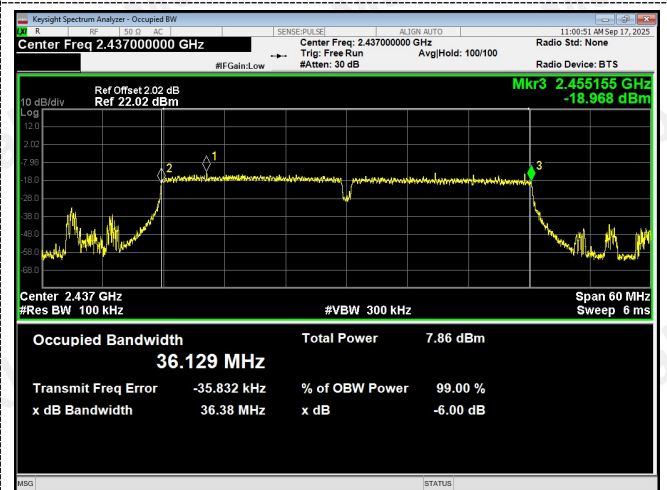
802.11n(HT40)



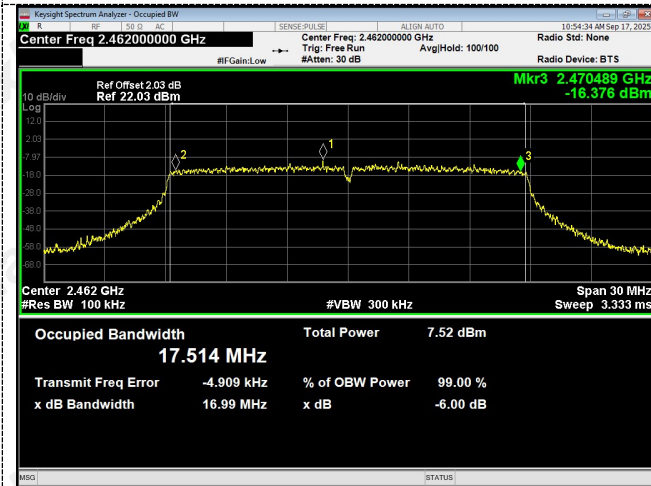
CH01



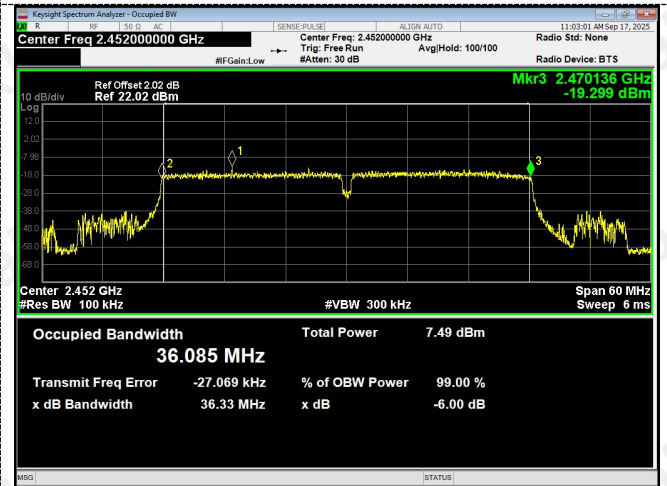
CH03



CH06



CH06

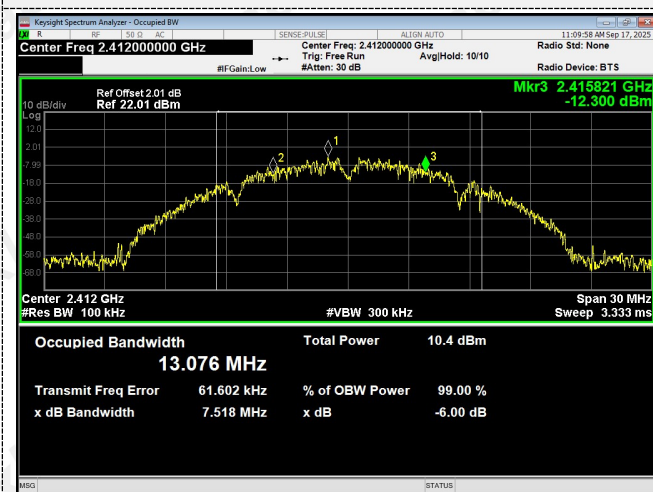


CH11

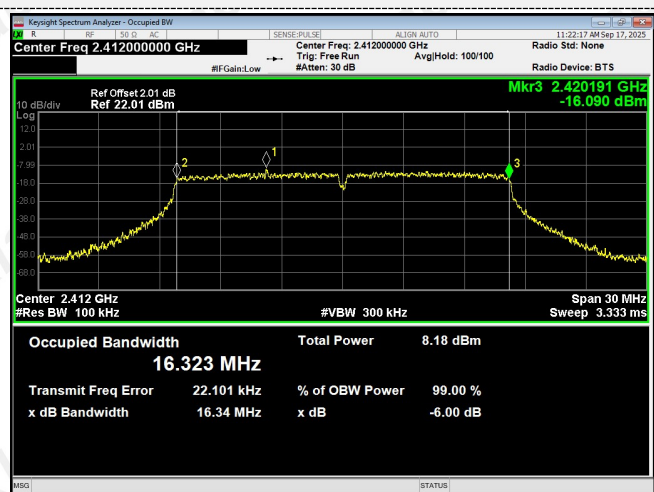
CH09

ANT2

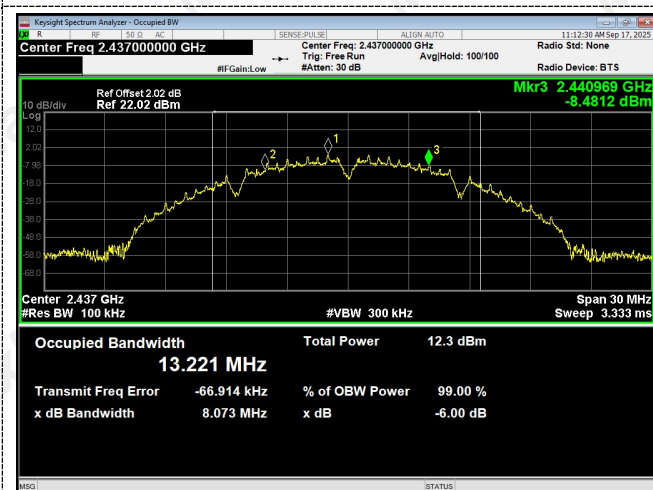
802.11b



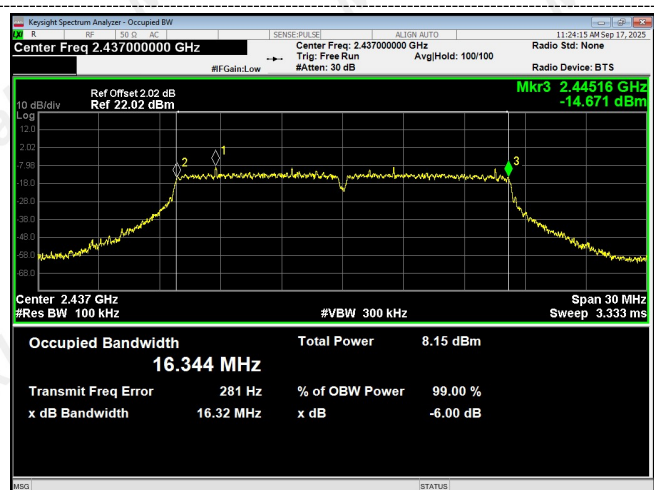
802.11g



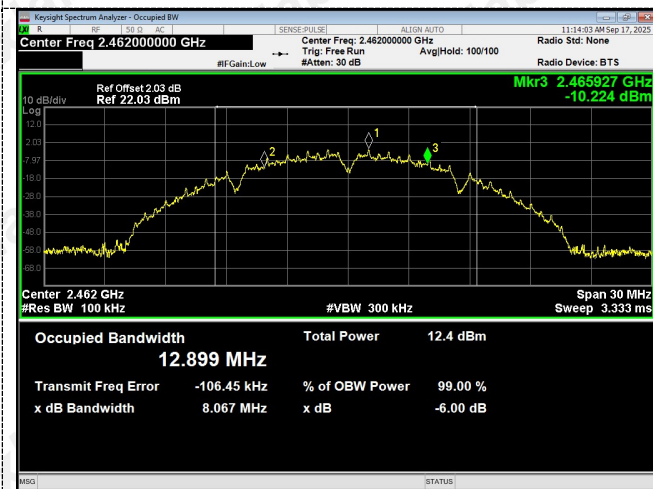
CH01



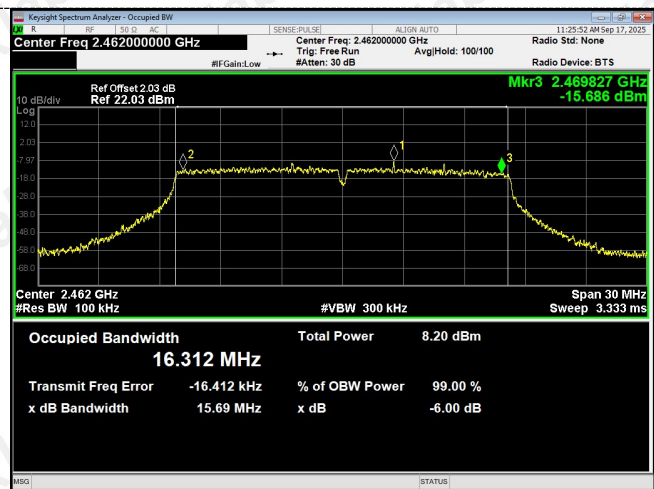
CH01



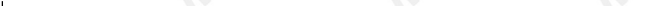
CH06



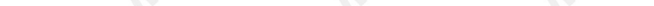
CH06



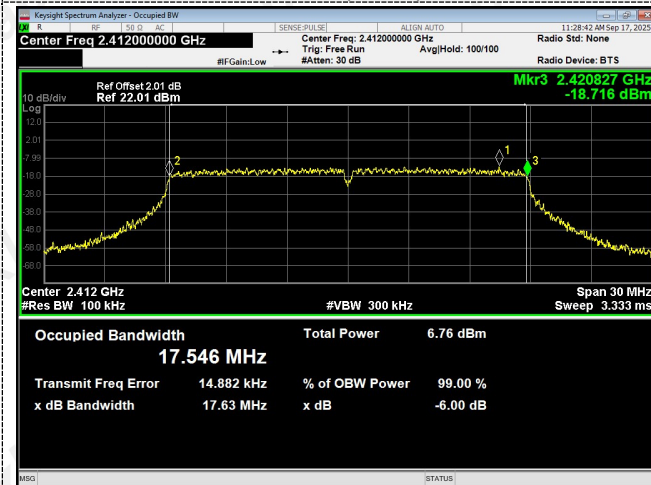
CH11



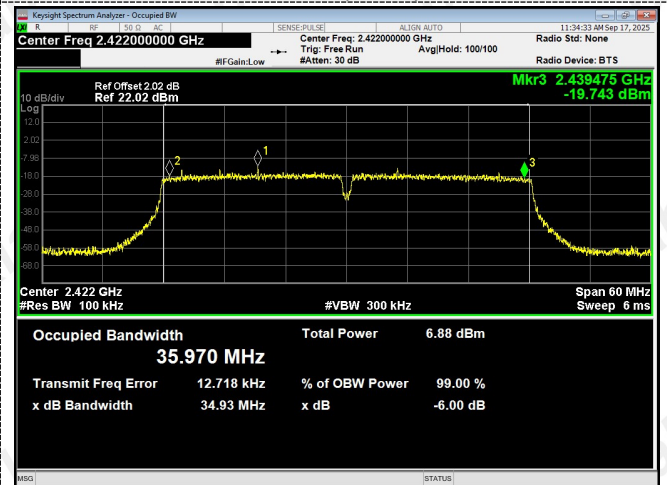
CH11



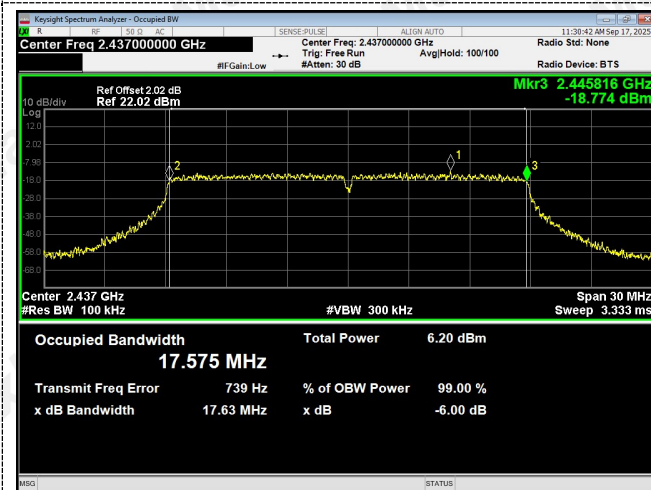
802.11n(HT20)



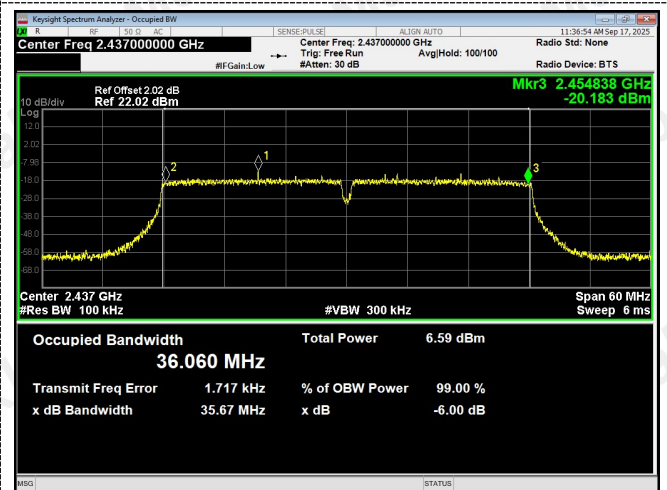
802.11n(HT40)



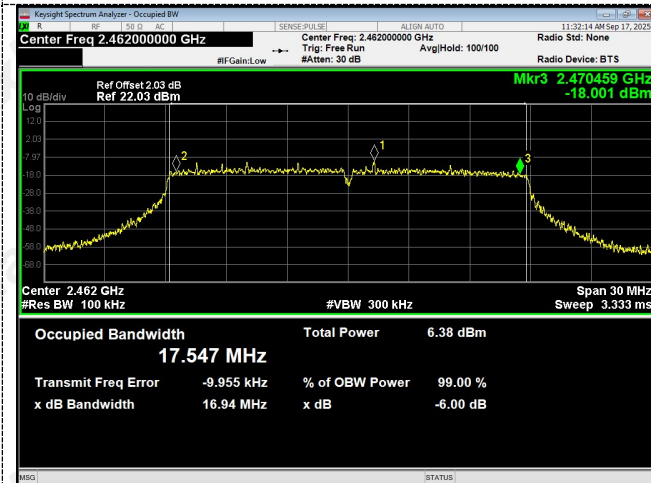
CH01



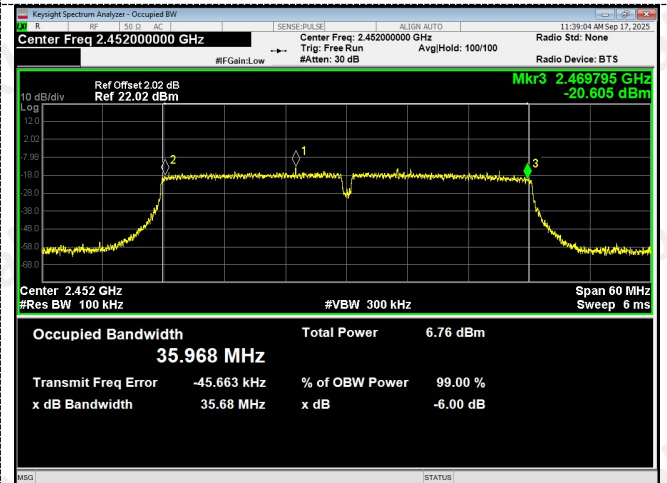
CH03



CH06



CH06



CH11

CH09

