

5. CONDUCTED SPURIOUS EMISSIONS

5.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9030A	MY51380221	Oct.31, 12	1Year
2.	Attenuator	Agilent	8491B	MY39262165	May.08,13	1 Year
3.	RF Cable	Hubersuhner	SUCOFLEX102	28618/2	May.08,13	1Year

5.2. Limit

In any 100kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.

5.3. Test Procedure

The transmitter output was connected to a spectrum analyzer, The resolution bandwidth is set to 100 kHz, The video bandwidth is set to 300 kHz and measure all the emissions detected.

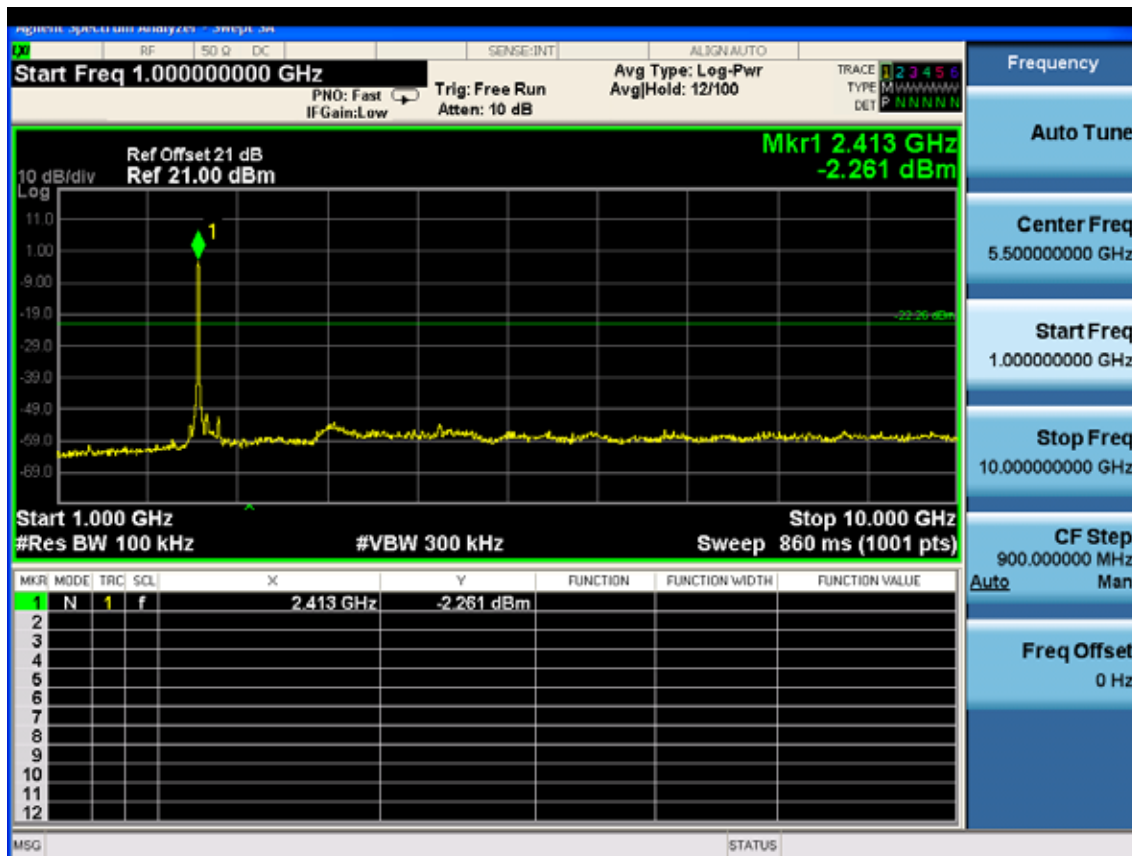
5.4. Test result

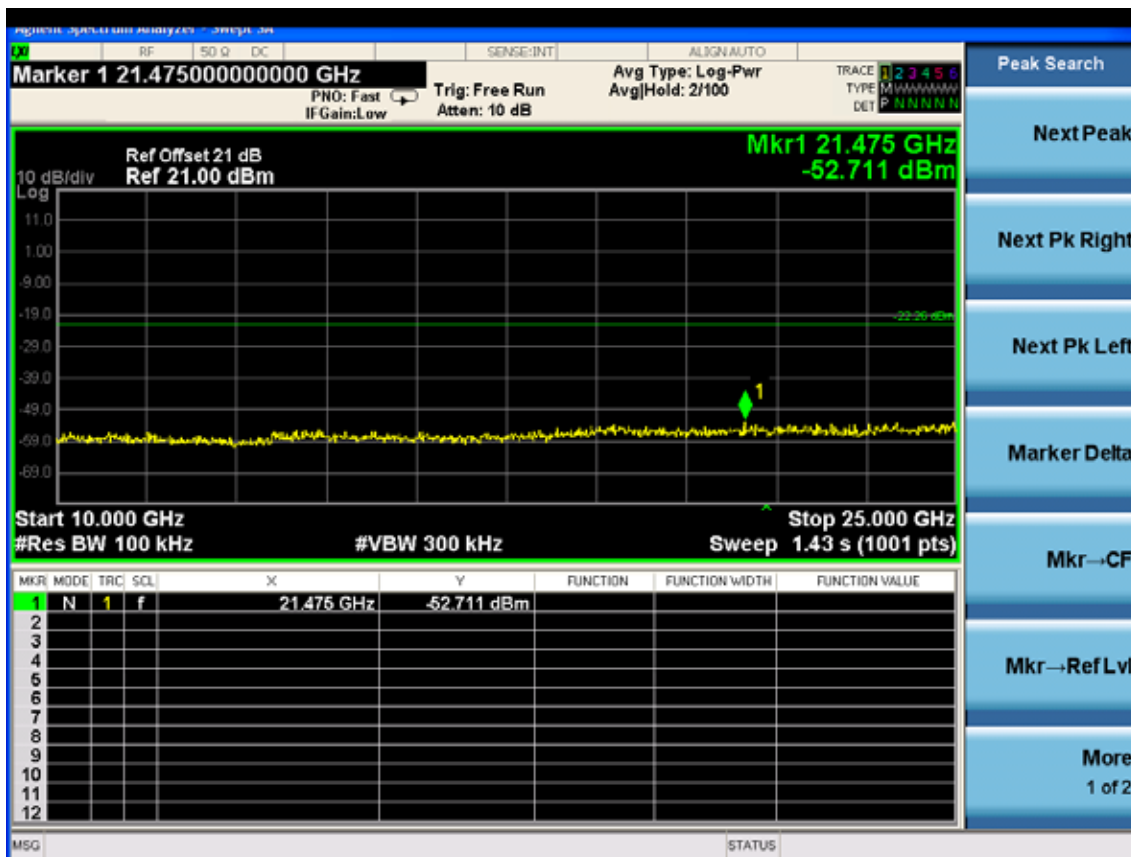
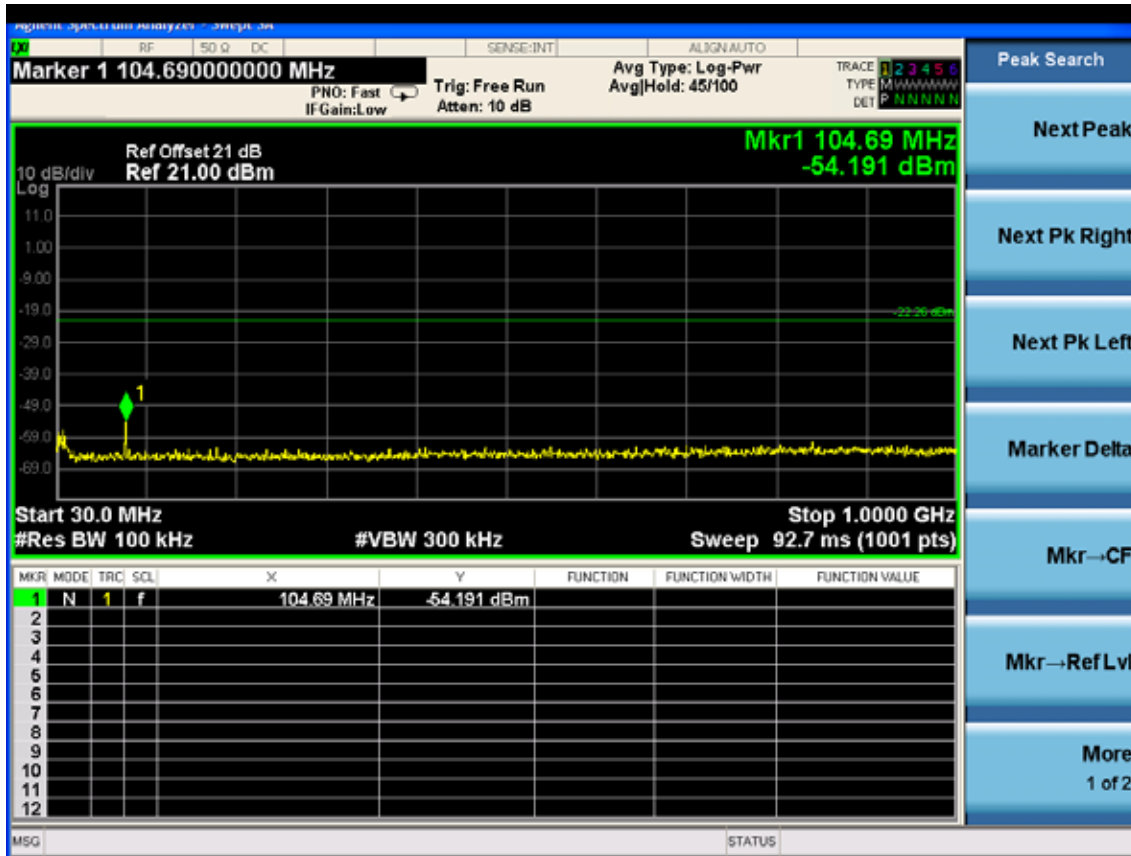
PASS (The testing data was attached in the next pages.)

ANT 0

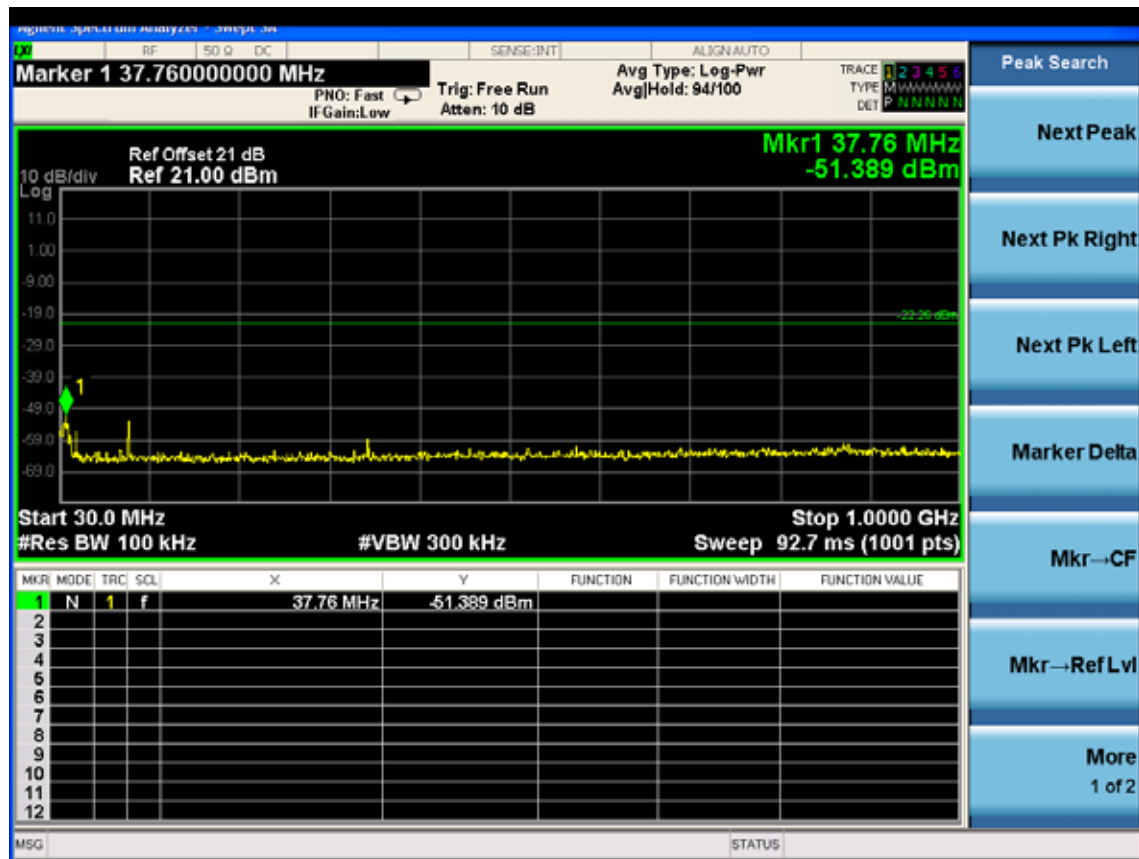
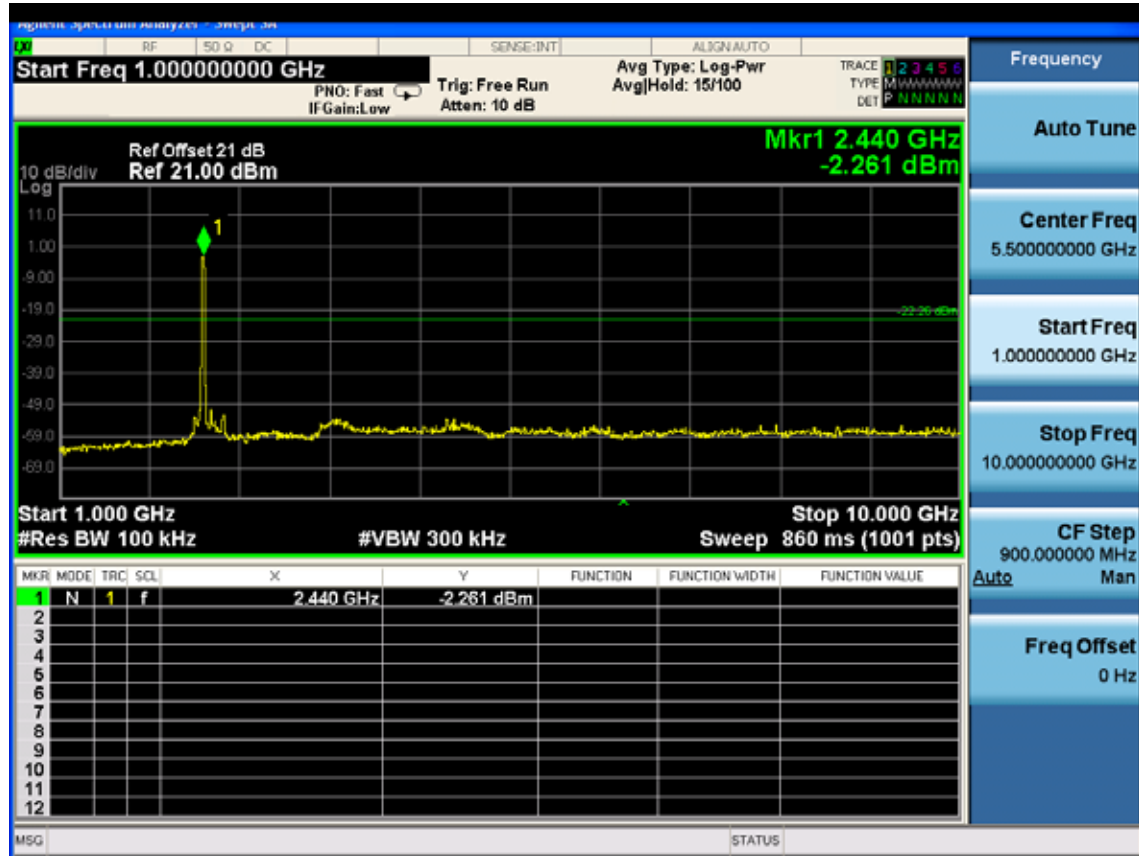
Test Mode: IEEE 802.11g TX

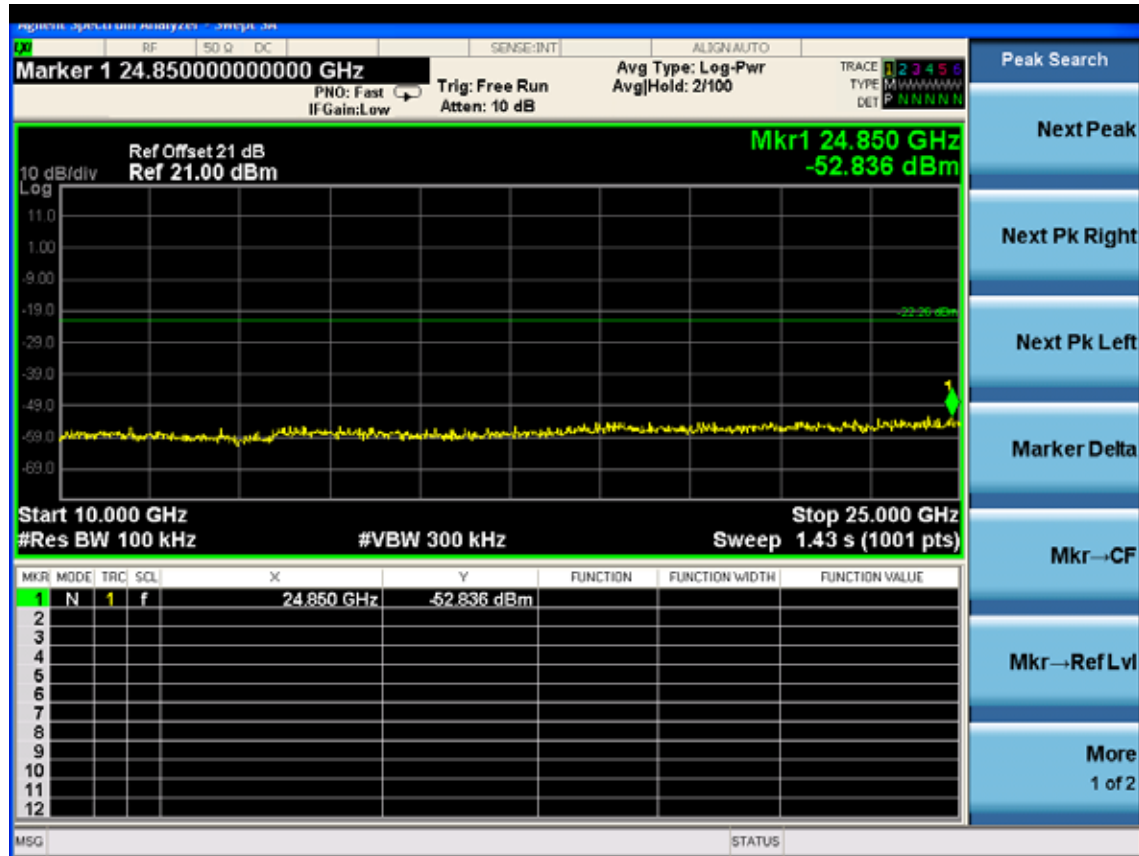
Test CH1: 2412MHz





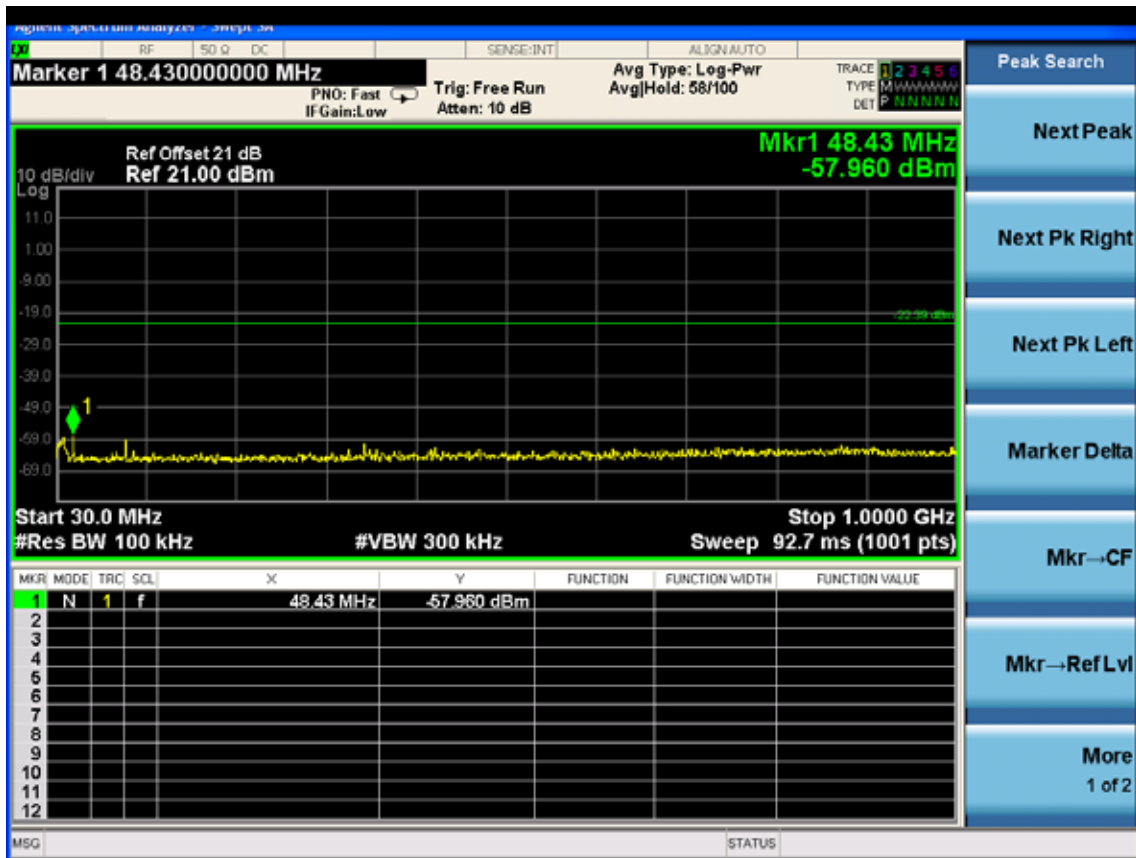
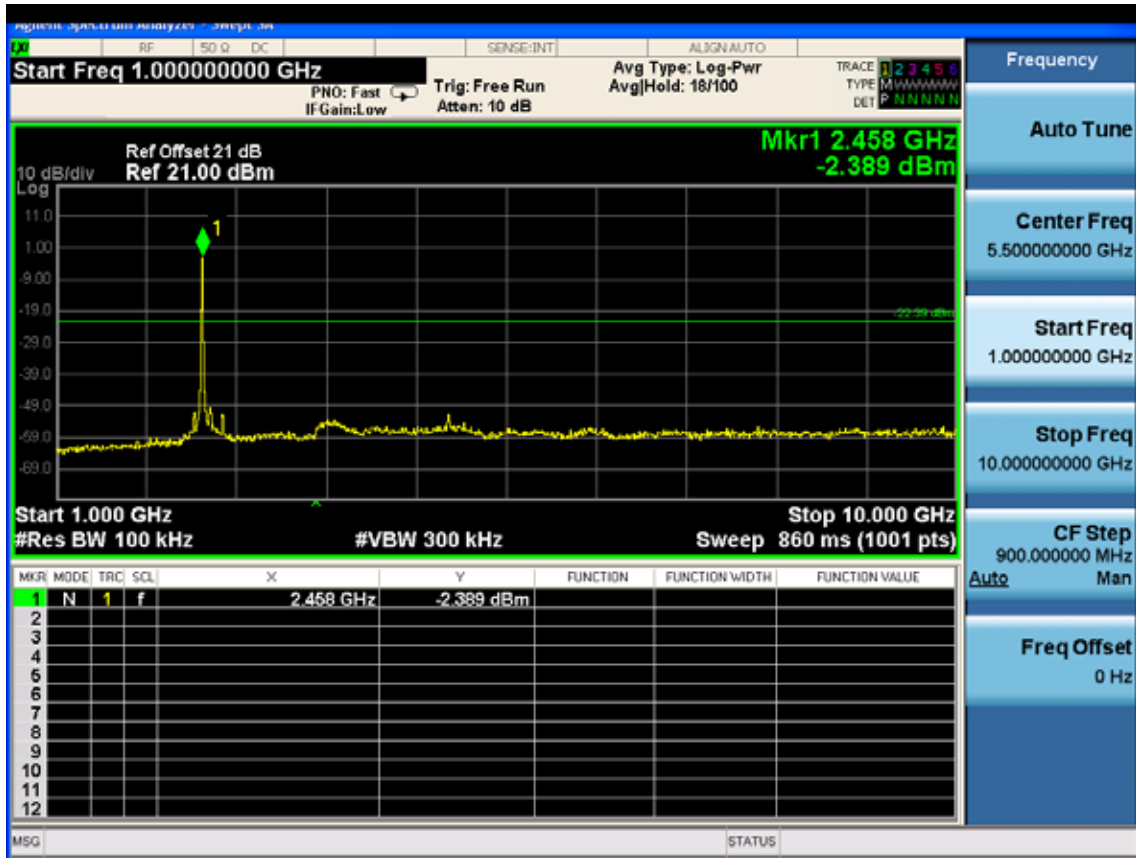
Test CH6: 2437MHz

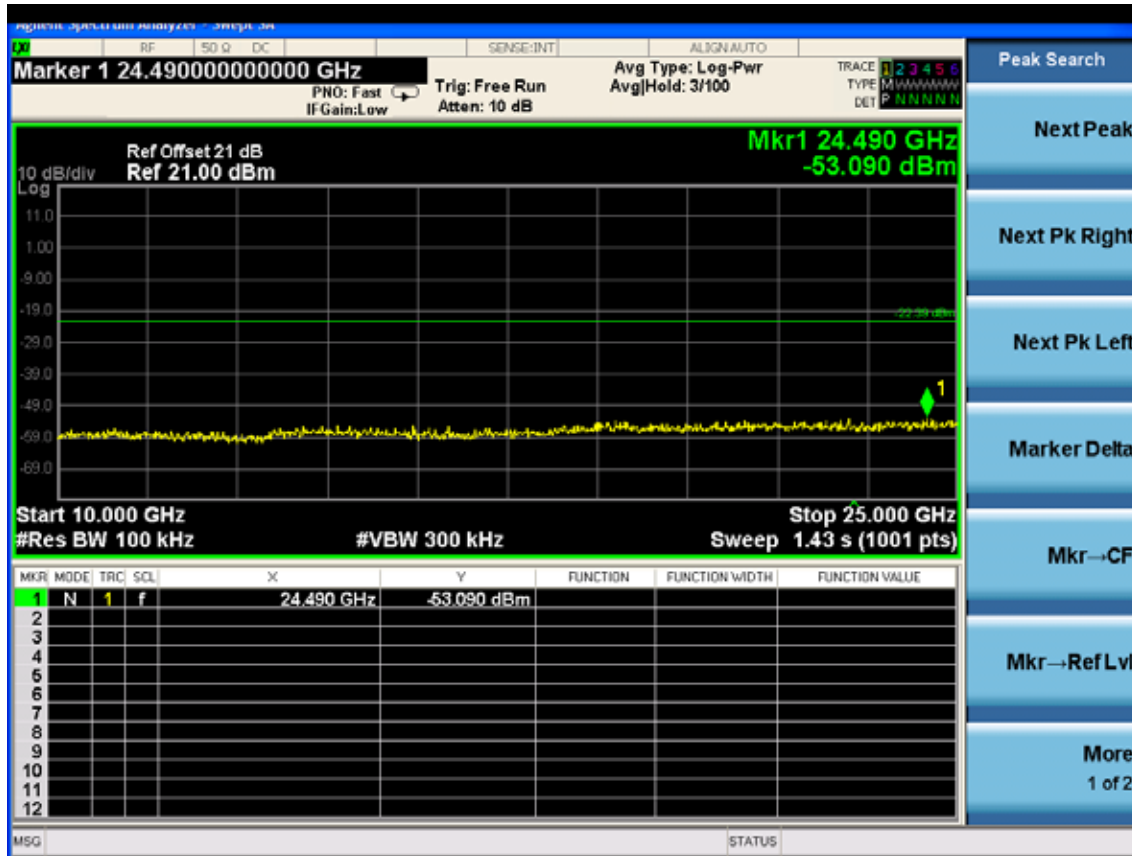




Test CH11: 2462MHz

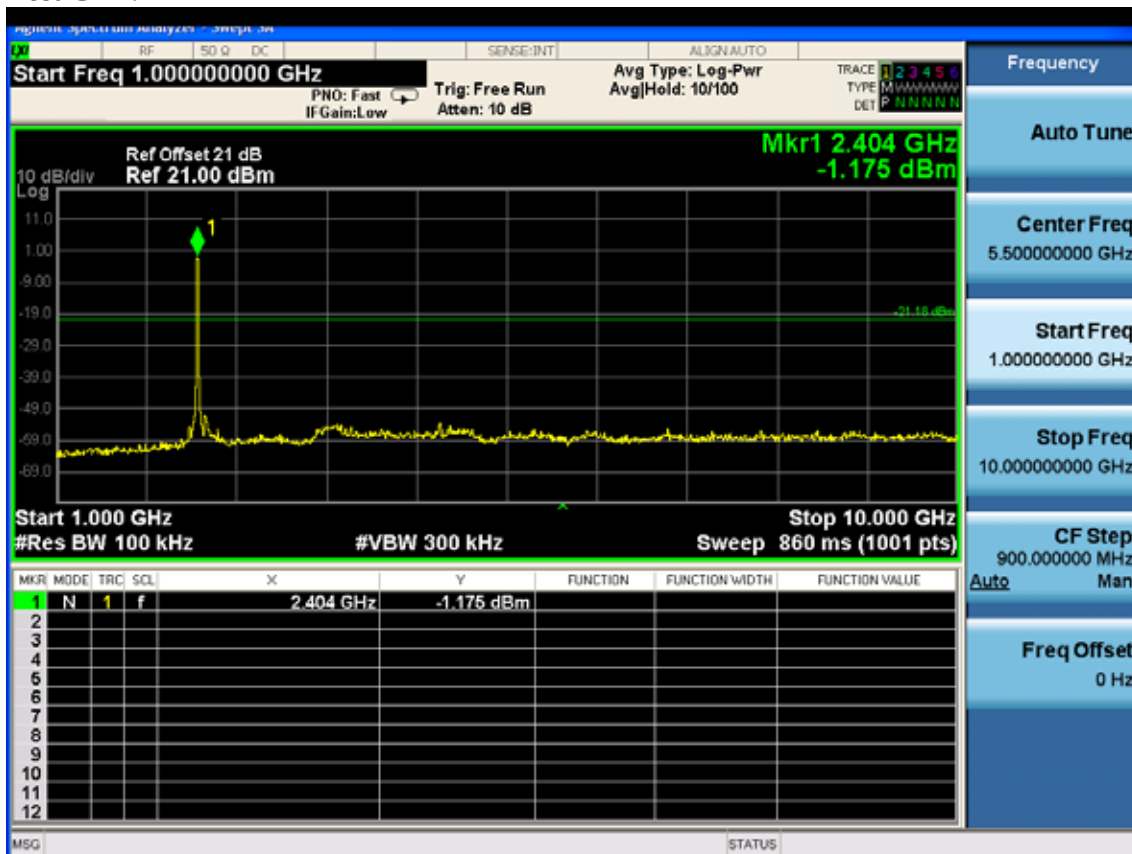


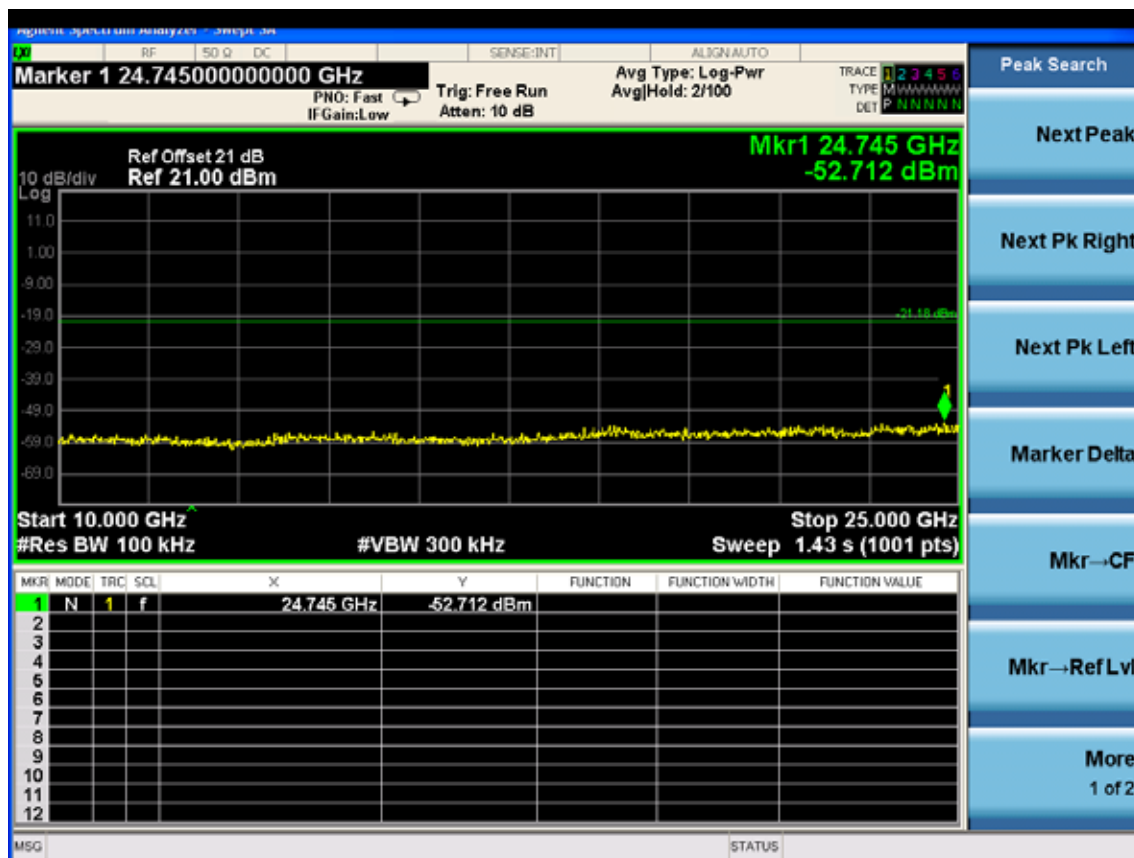
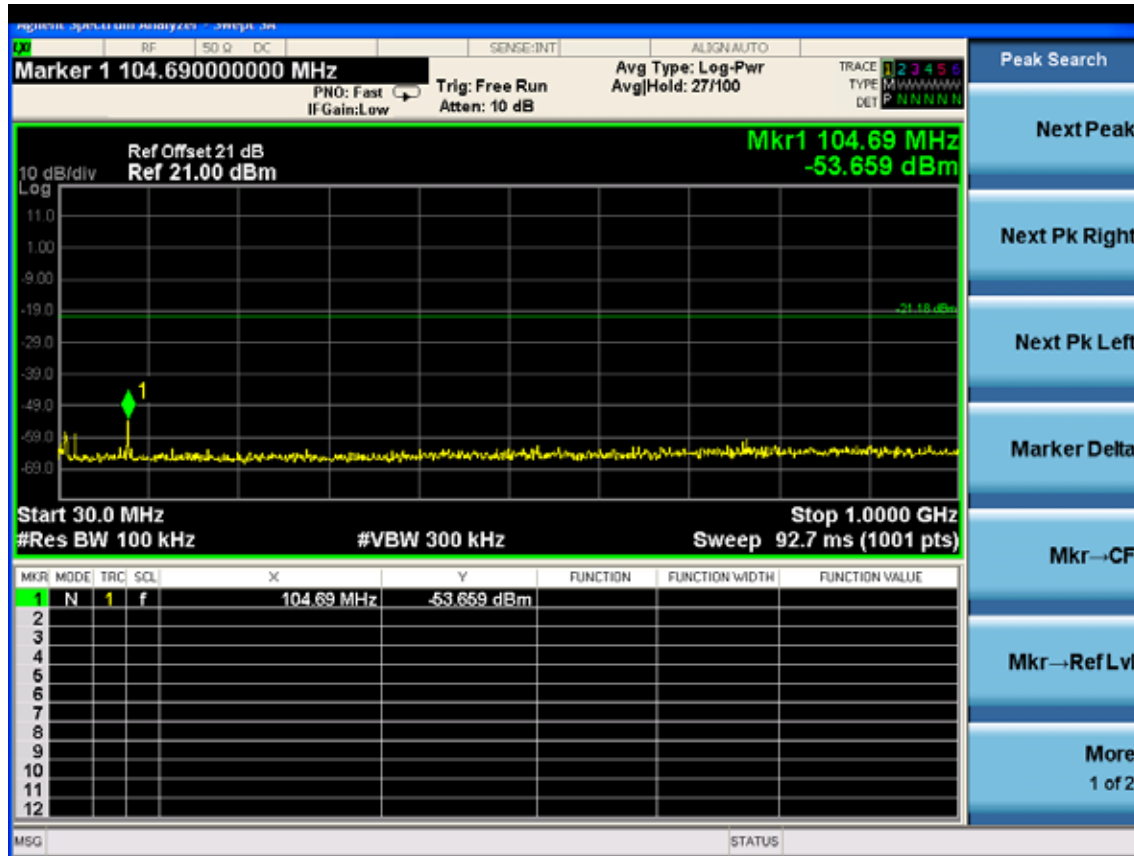




Test Mode: IEEE 802.11n HT20 TX

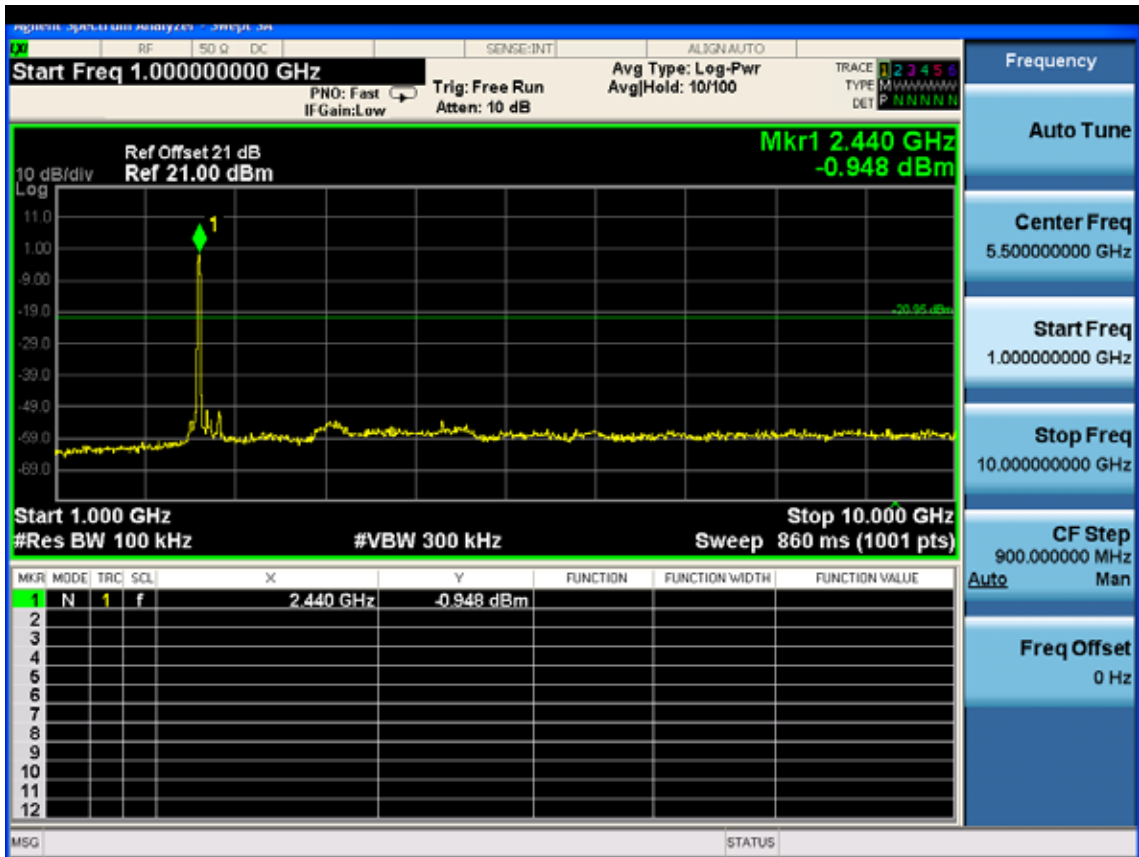
Test CH1: 2412MHz

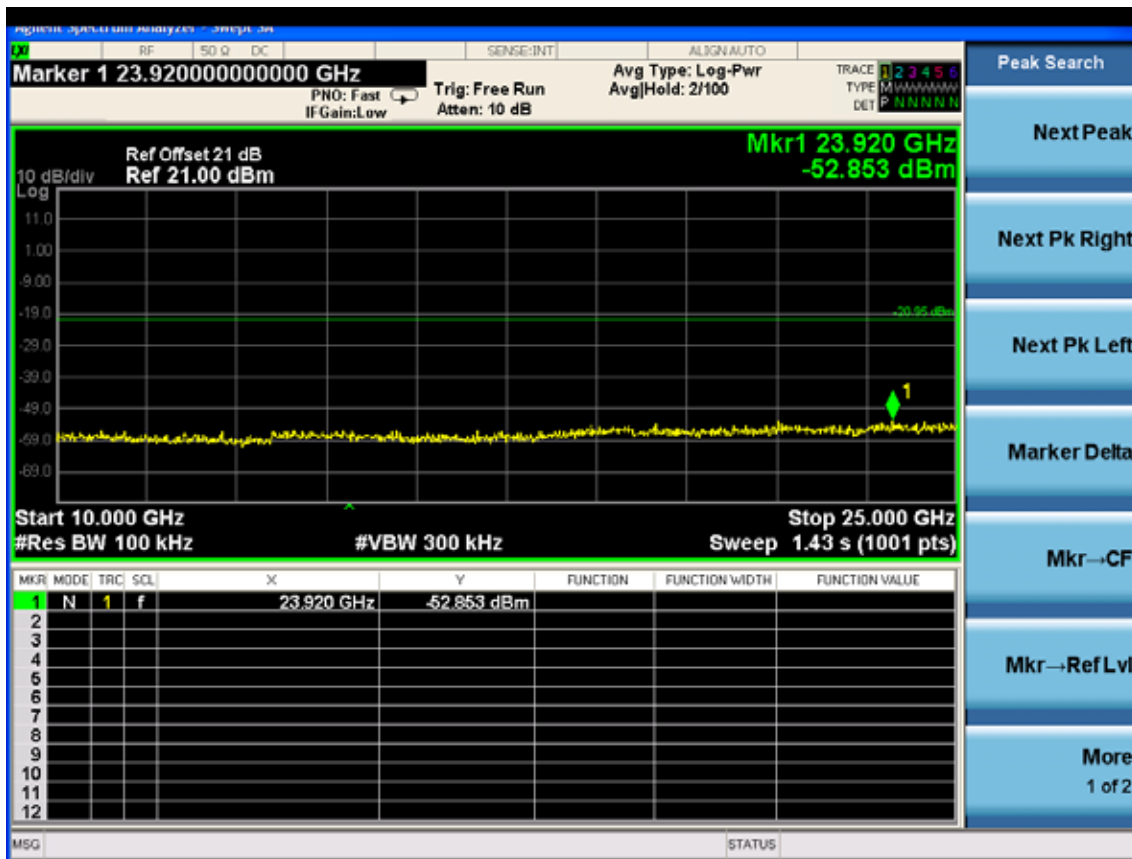
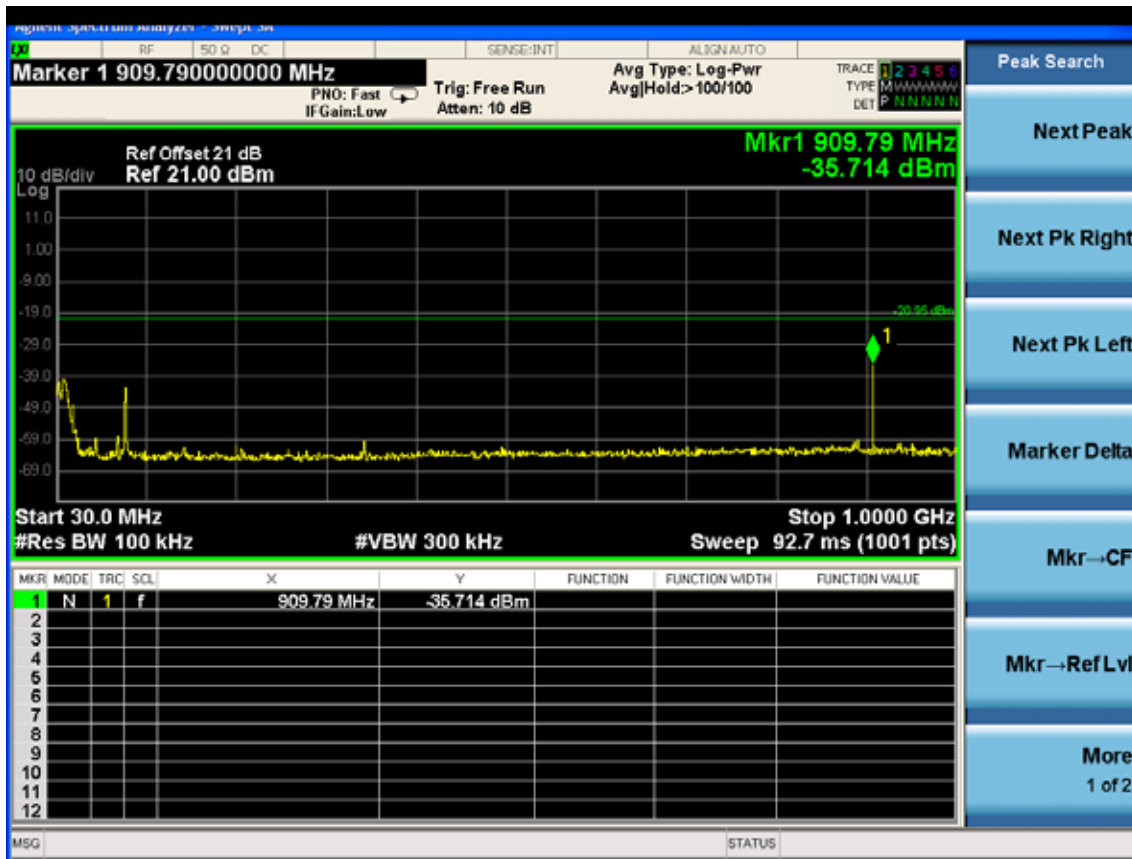




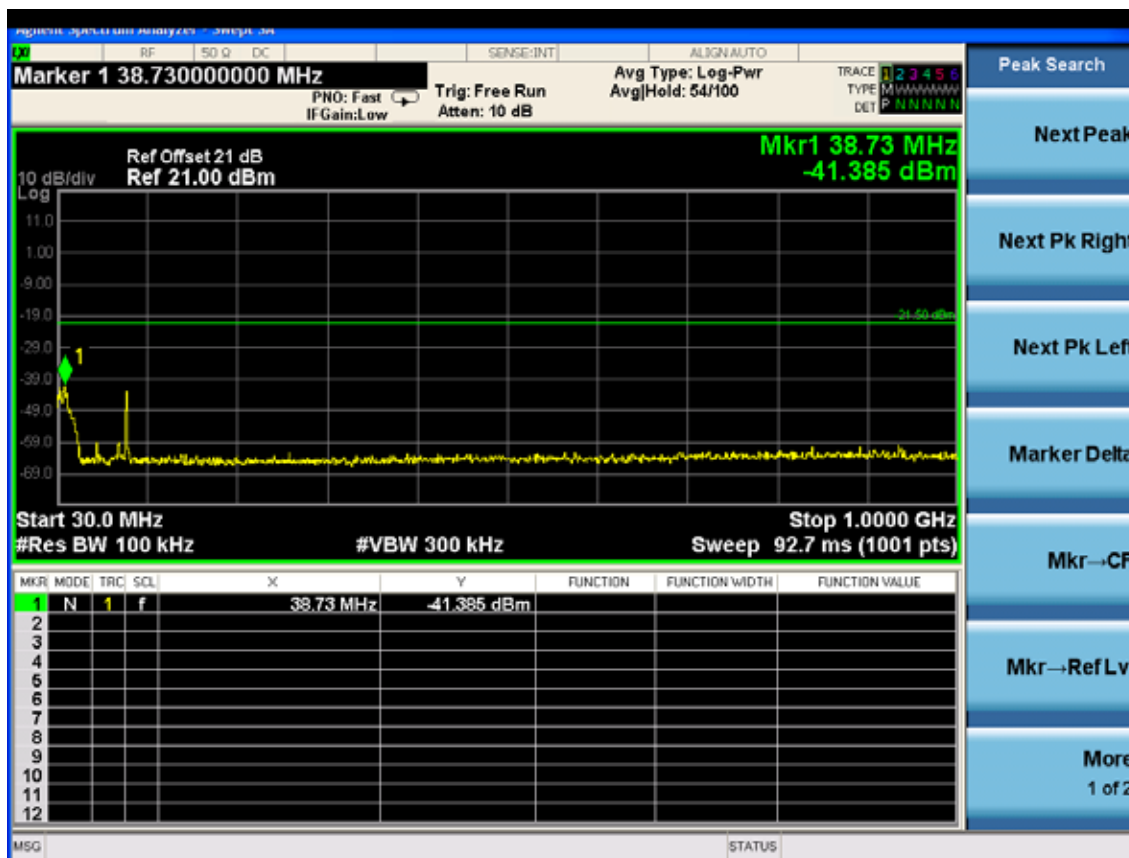
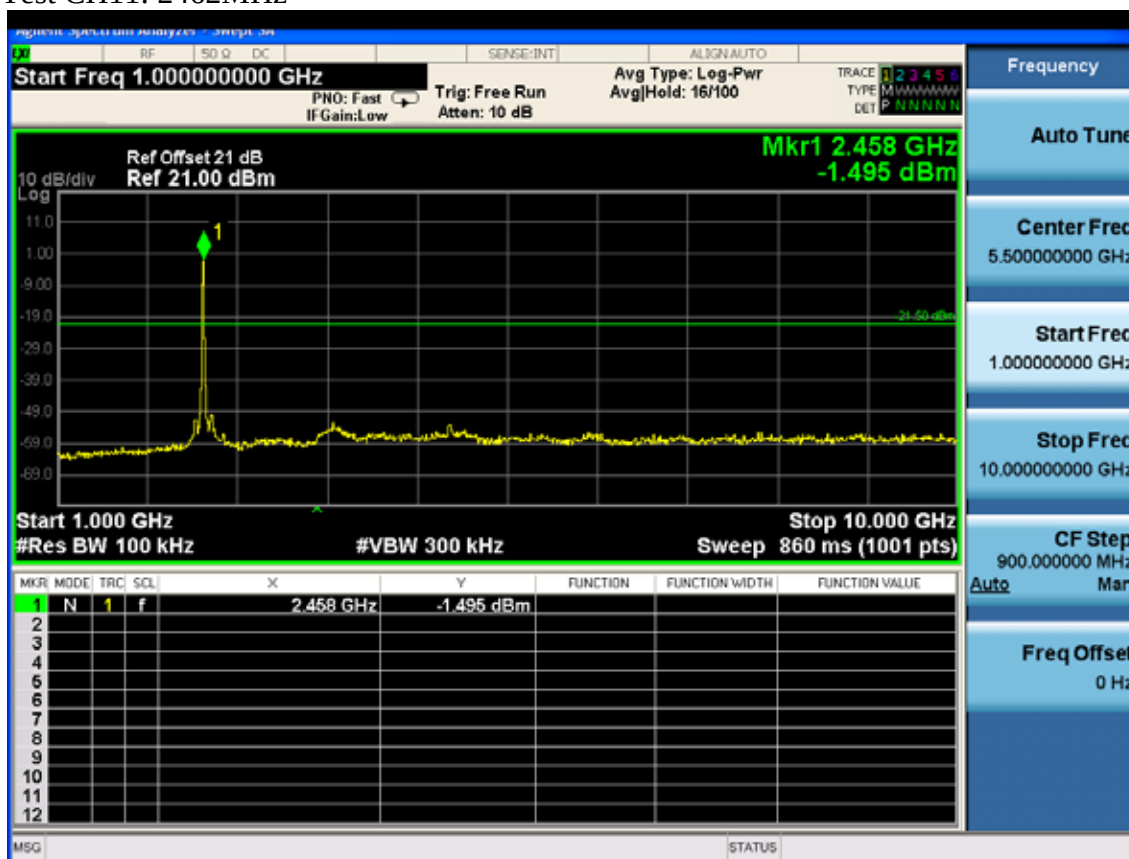


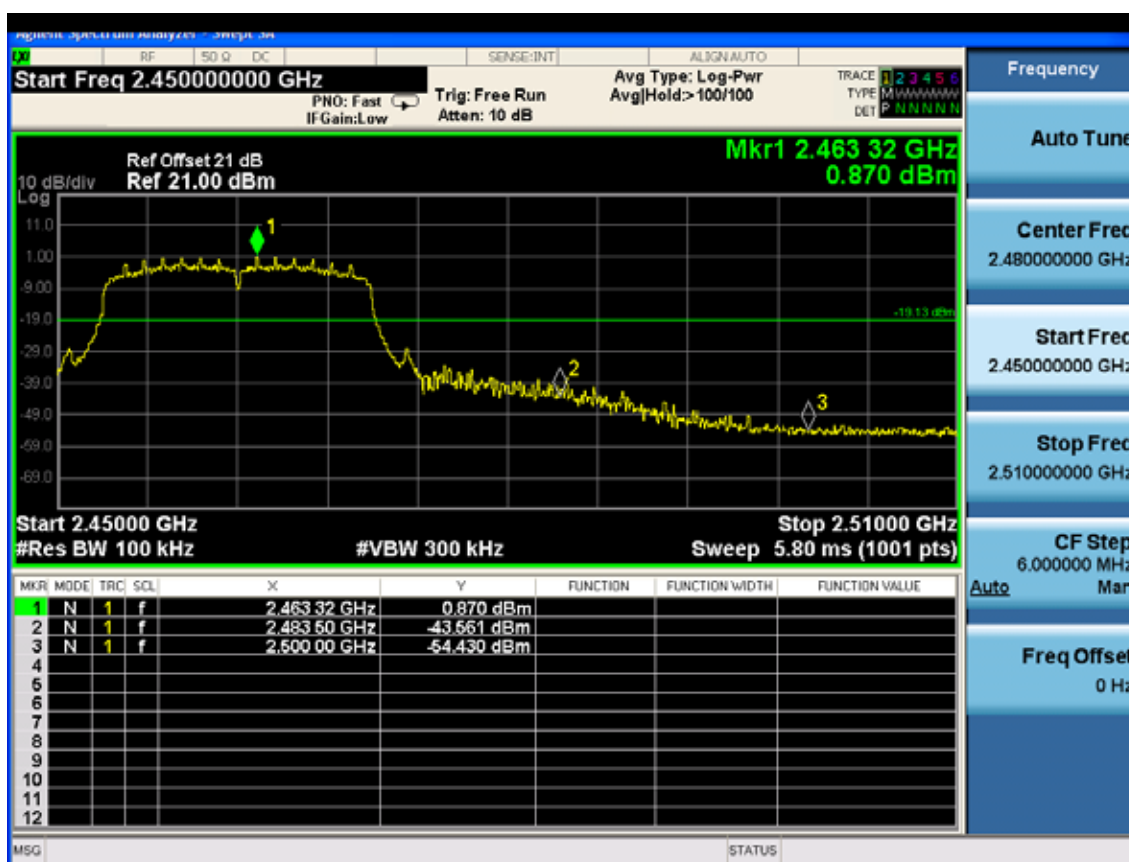
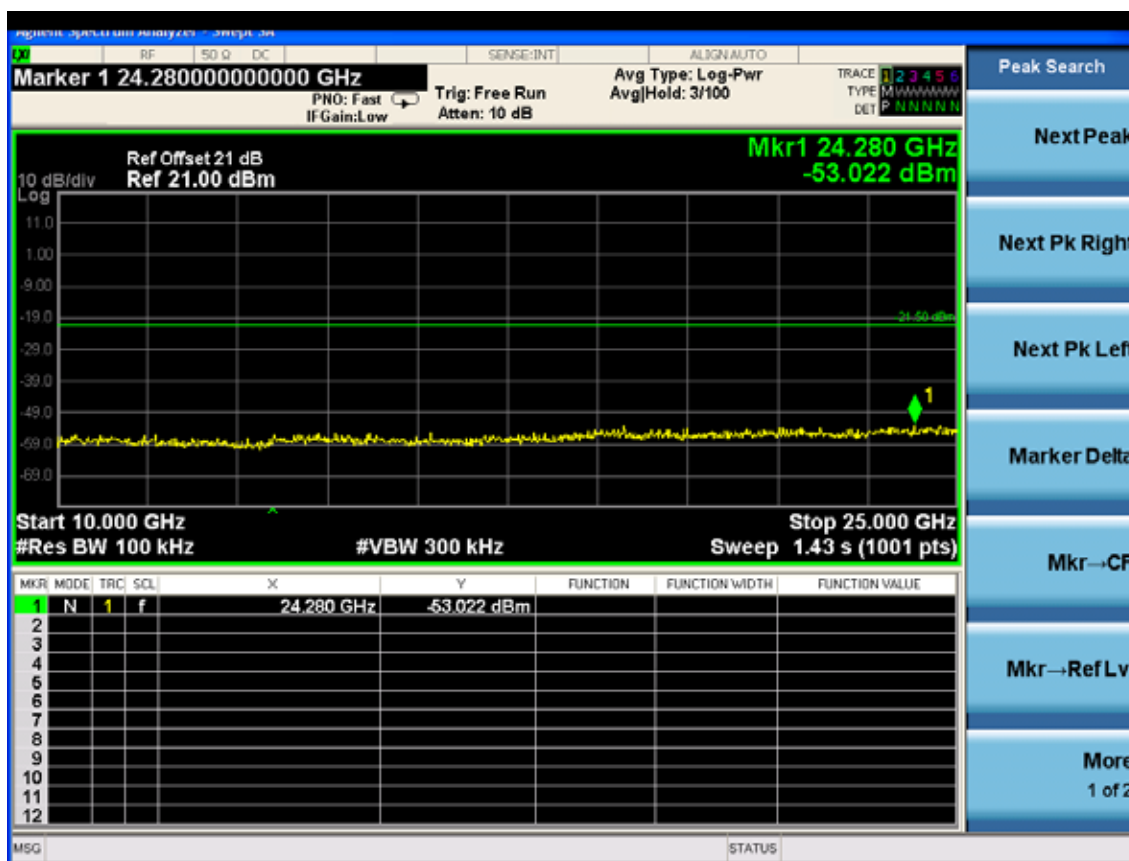
Test CH6: 2437MHz





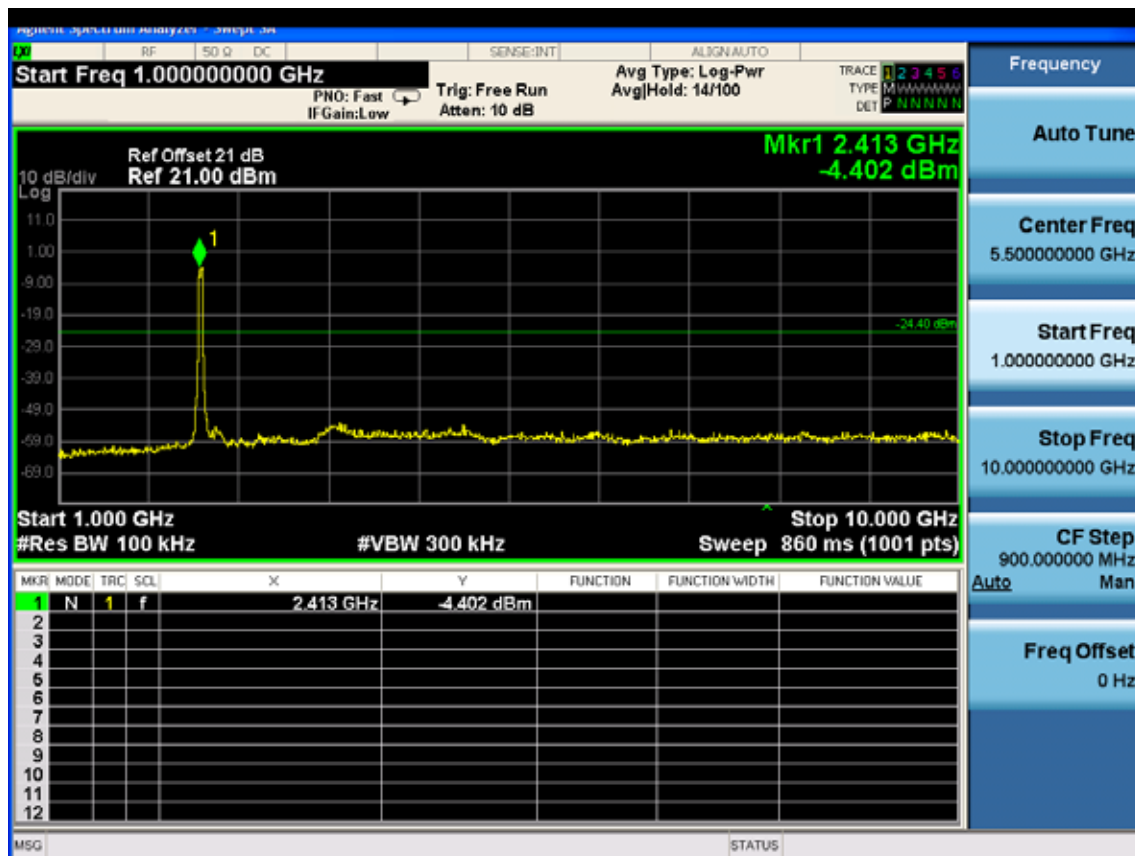
Test CH11: 2462MHz

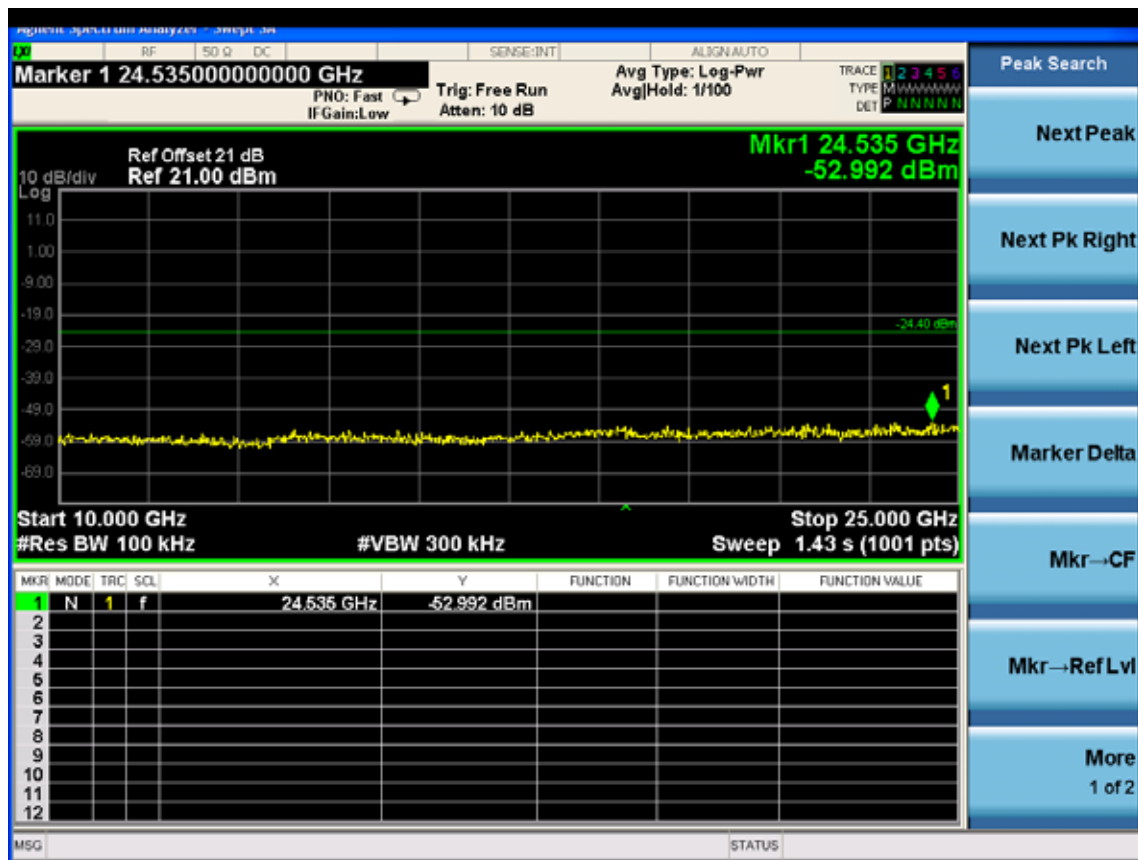
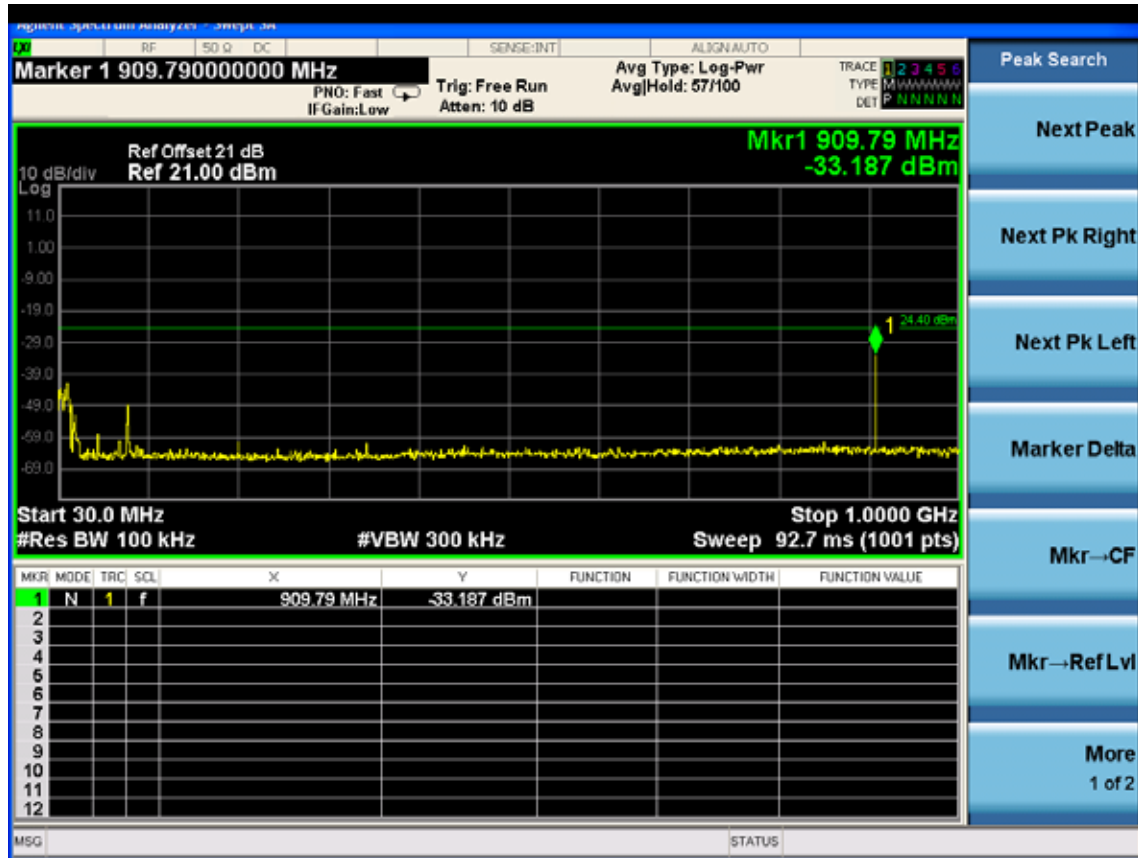




Test Mode: IEEE 802.11n HT40 TX

Test CH3: 2422MHz





Test CH6: 2437MHz

