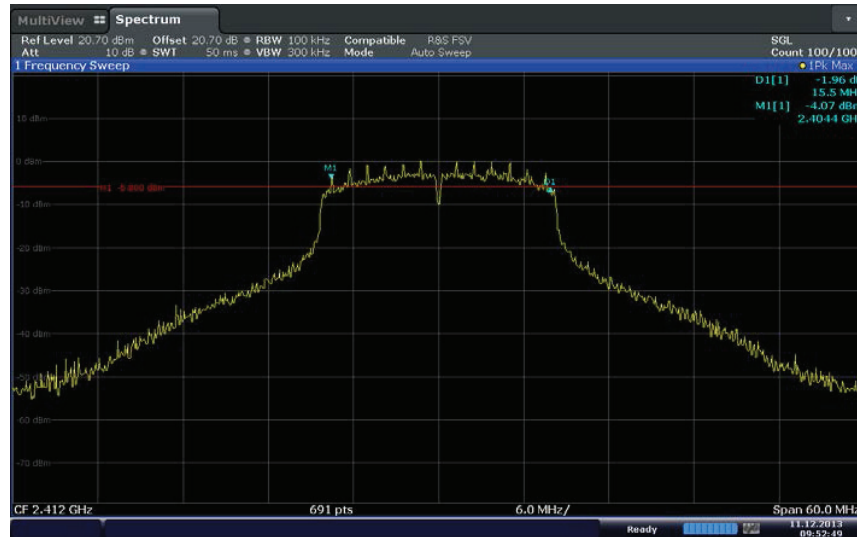
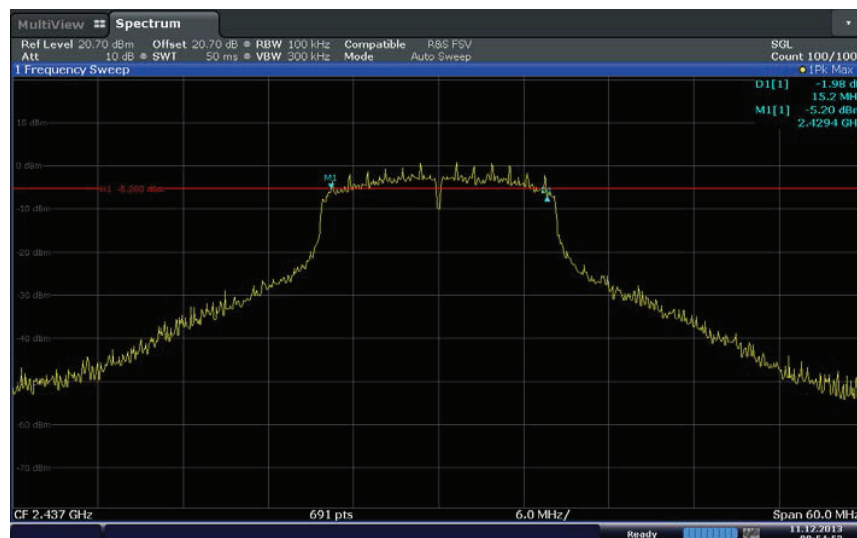
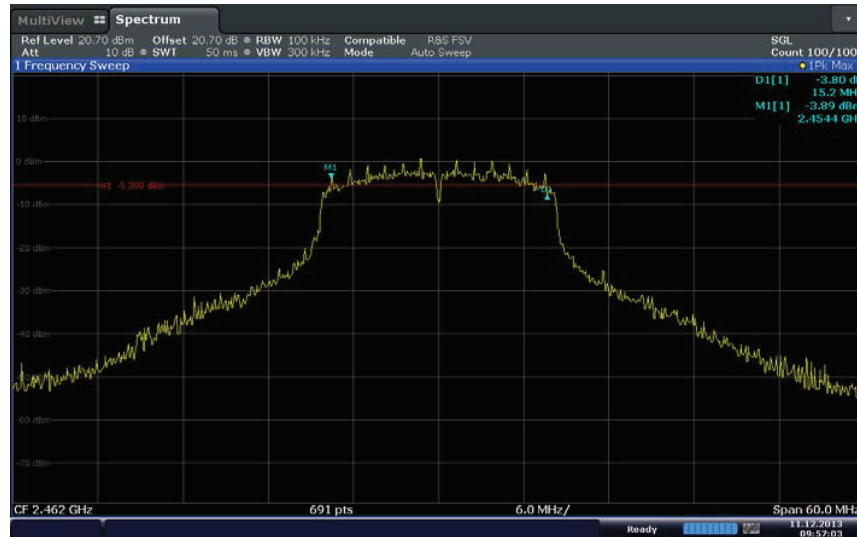




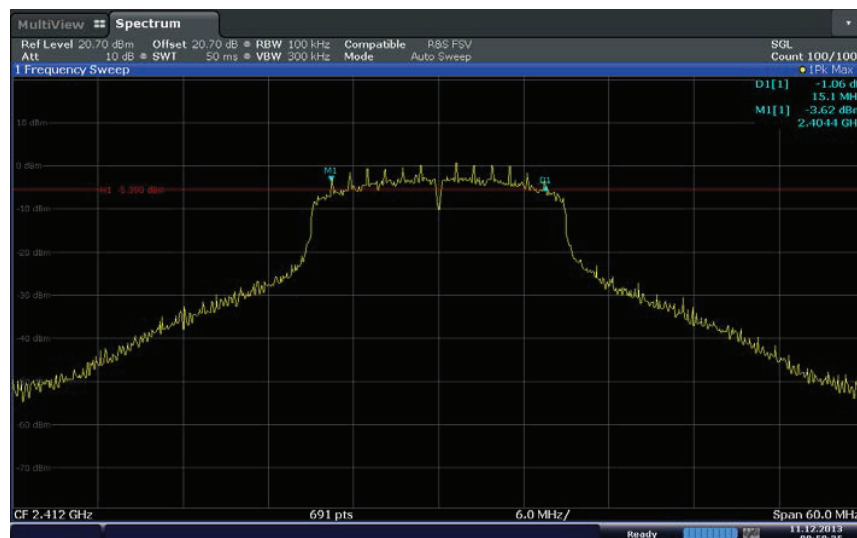
802.11g Low Channel



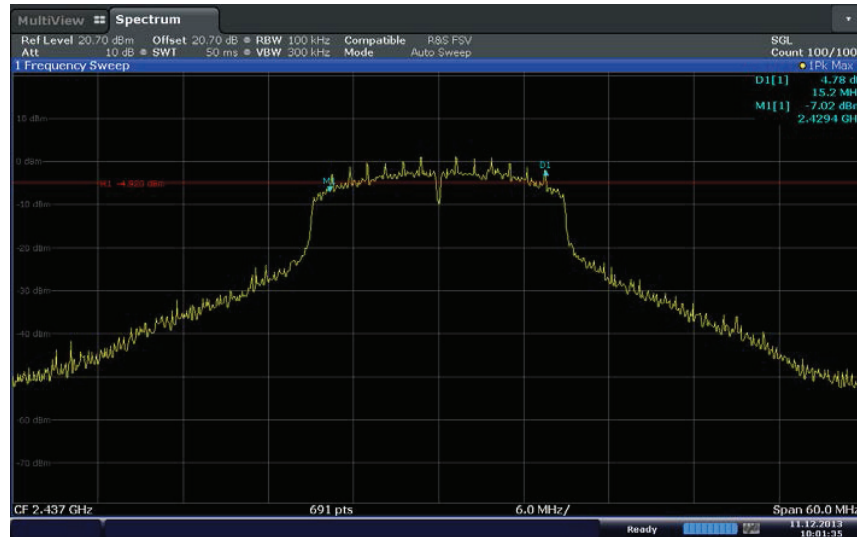
802.11g Mid Channel



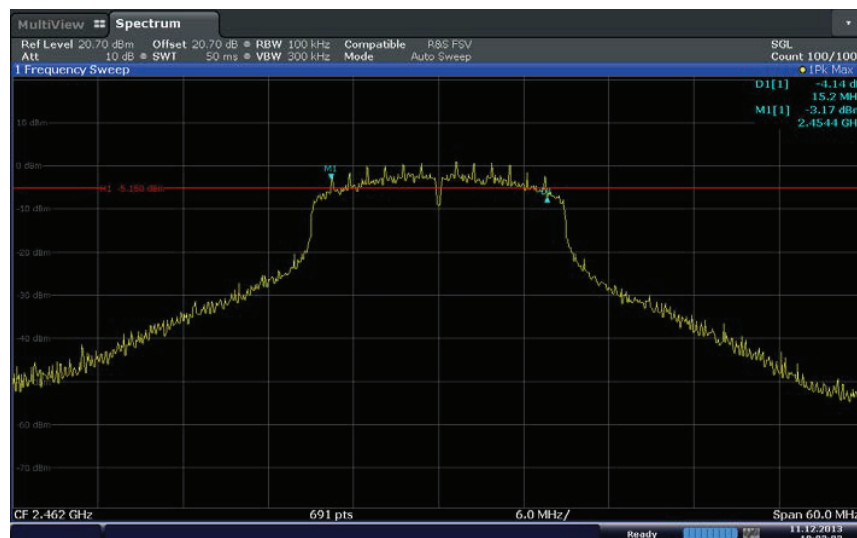
802.11g High Channel



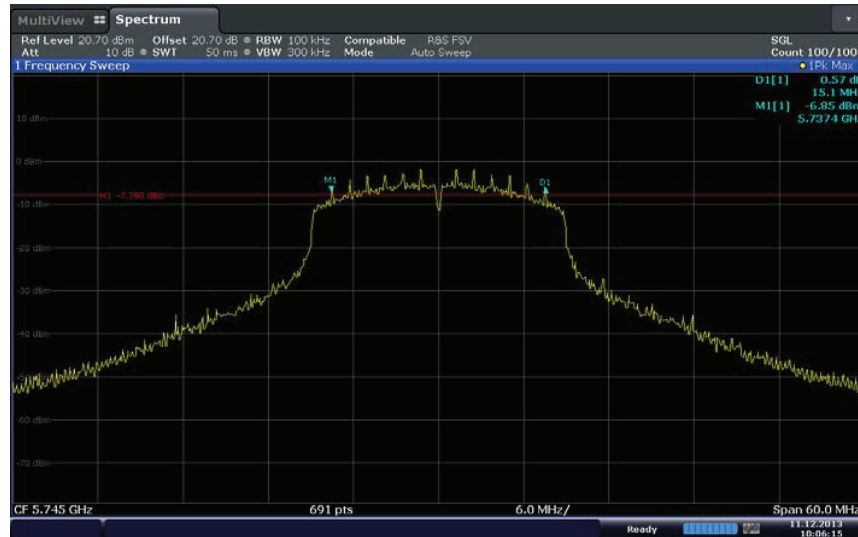
802.11n HT20 Low Channel



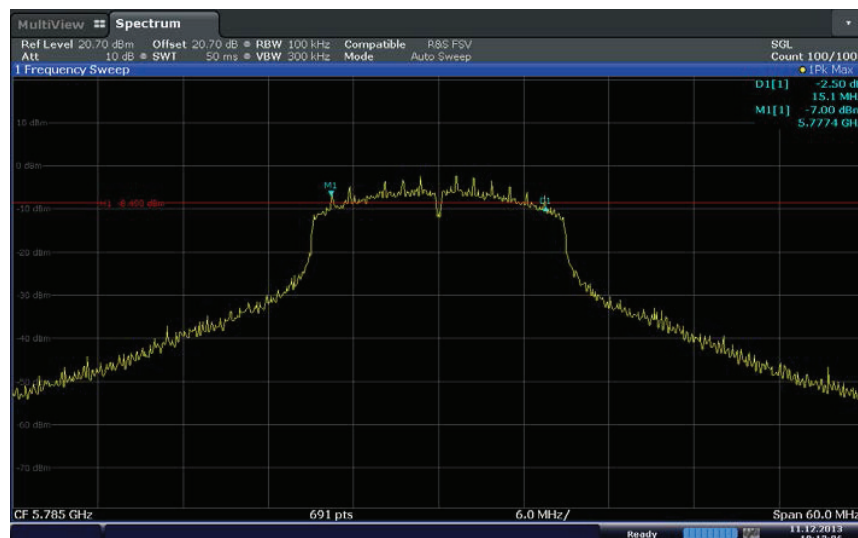
802.11n HT20 Mid Channel



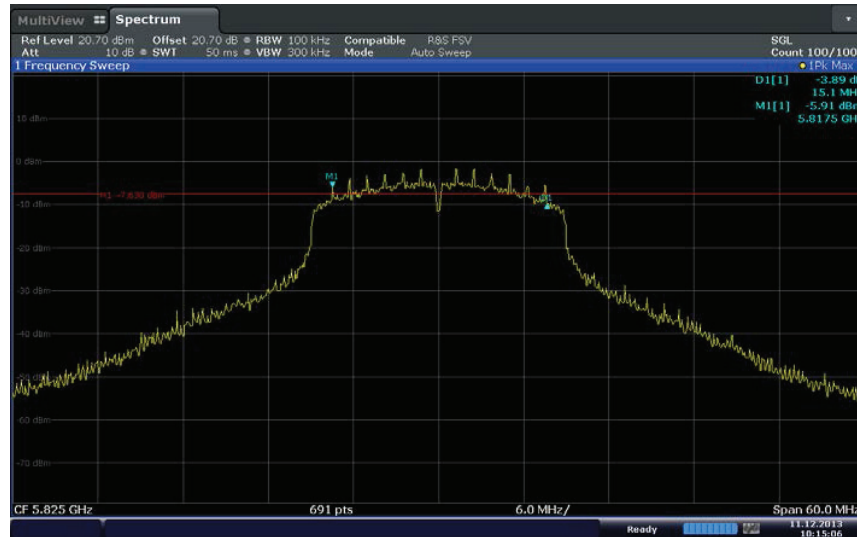
802.11n HT20 High Channel



802.11n HT20 Low Channel



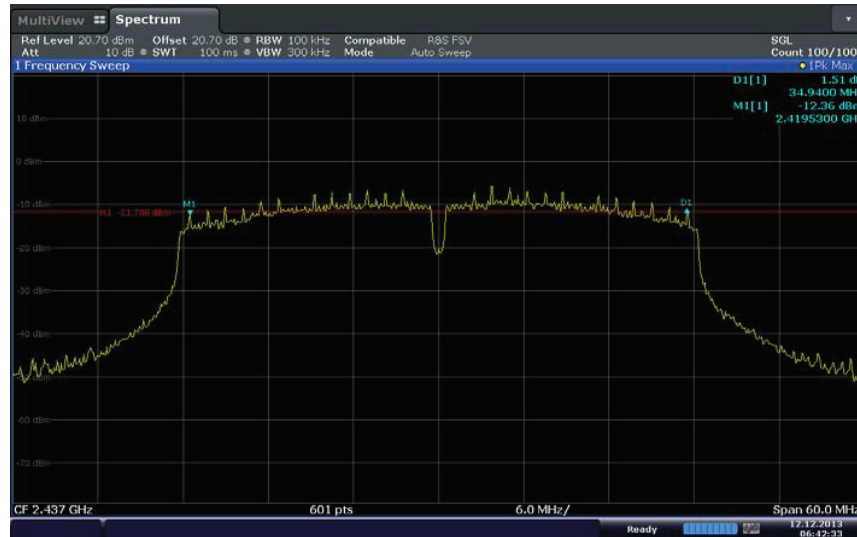
802.11n HT20 Mid Channel



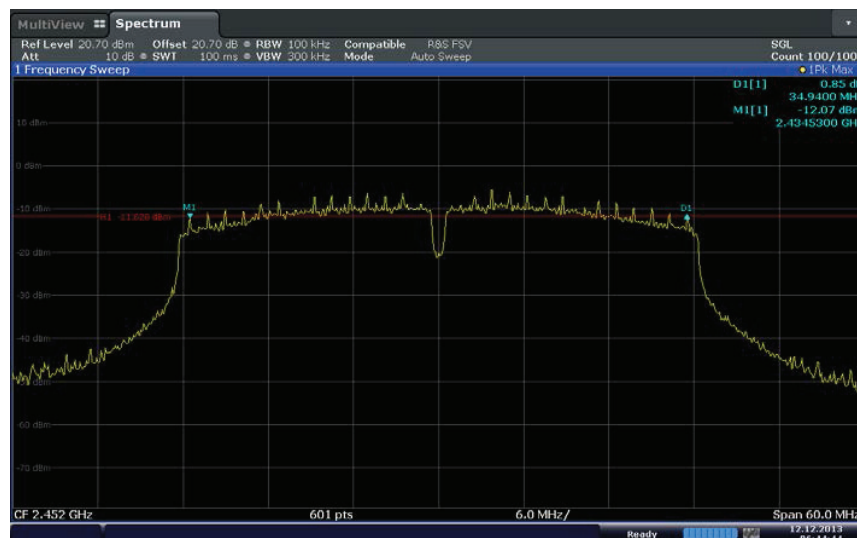
802.11n HT20 High Channel



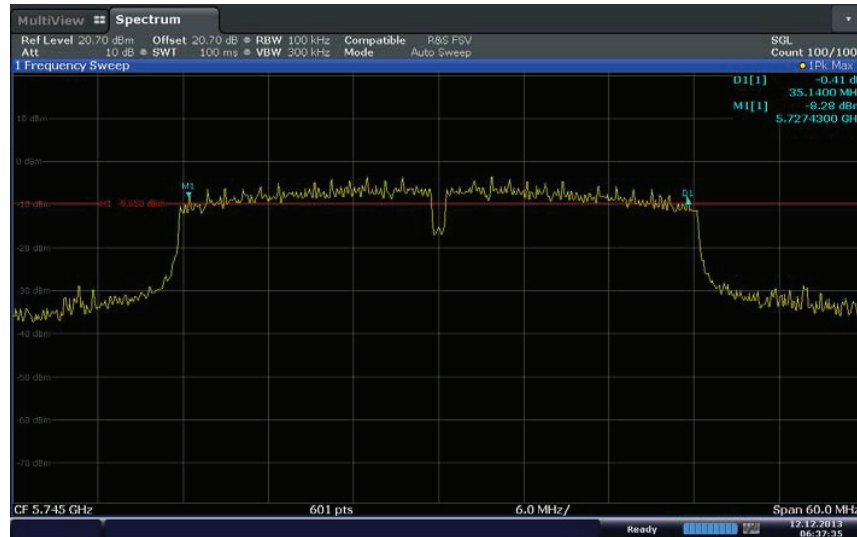
802.11n HT40 Low Channel



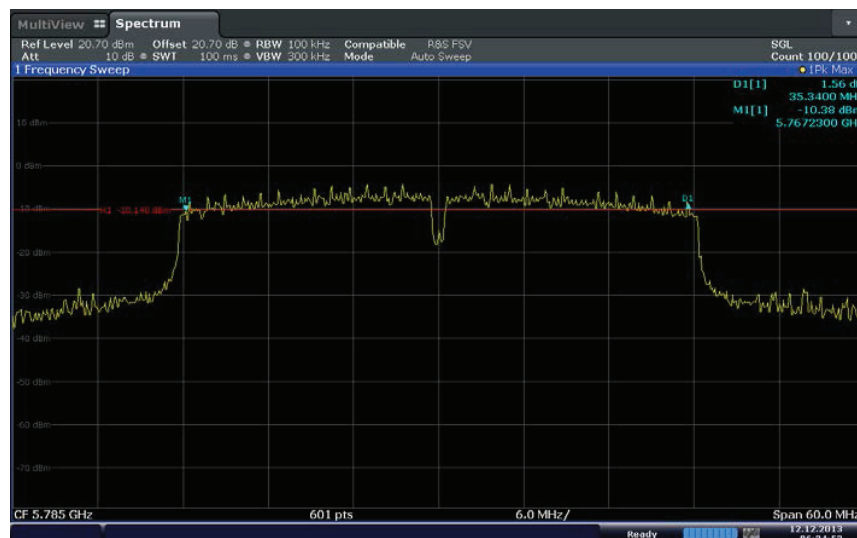
802.11n HT40 Mid Channel



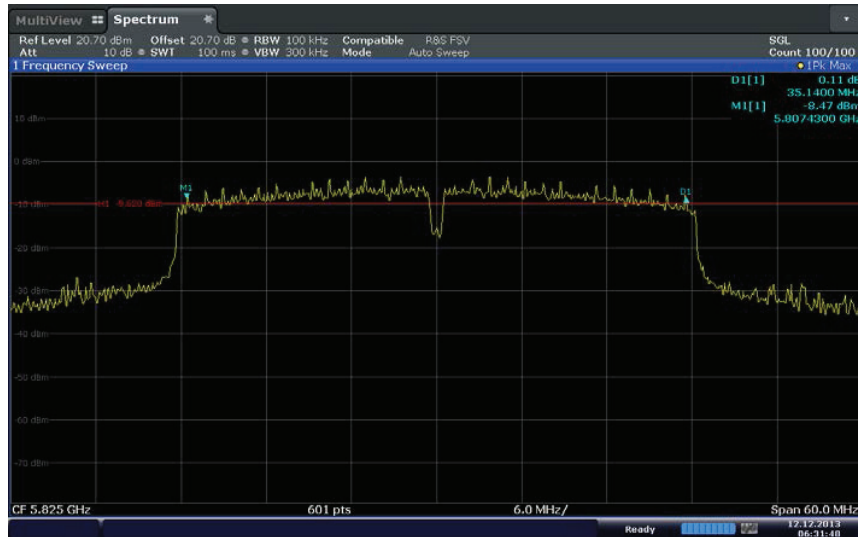
802.11n HT40 High Channel



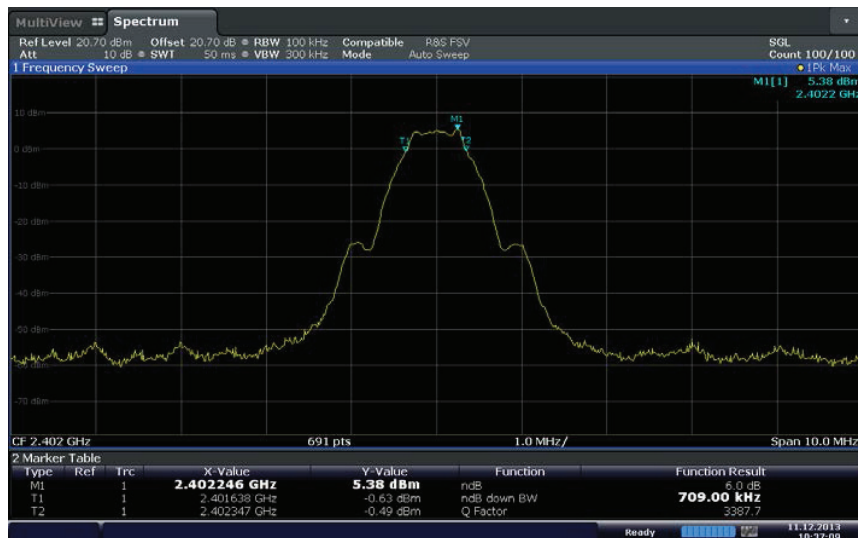
802.11n HT40 Low Channel



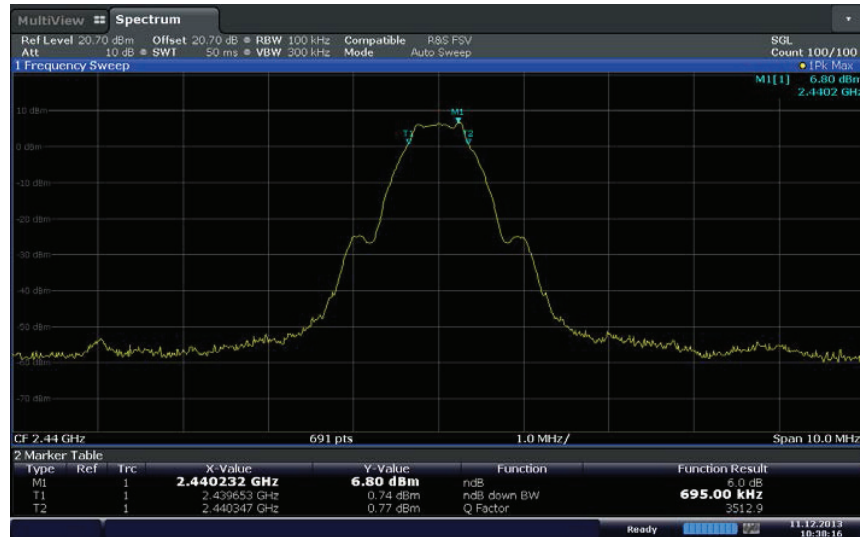
802.11n HT40 Mid Channel



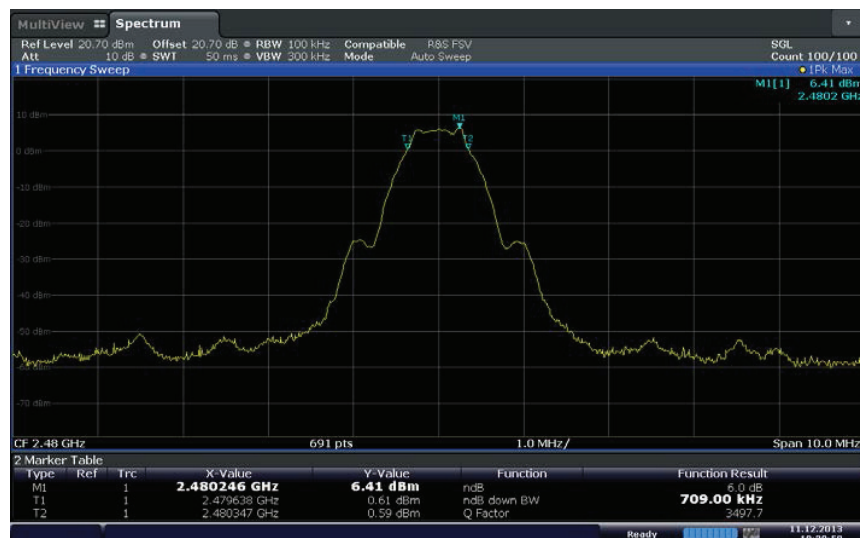
802.11n HT40 High Channel



Bluetooth LE Low Channel



Bluetooth LE Mid Channel



Bluetooth LE High Channel



2.5 OUT-OF-BAND EMISSIONS - CONDUCTED

2.5.1 Specification Reference

Part 15 Subpart C §15.247(d)

2.5.2 Standard Applicable

(d) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

2.5.3 Equipment Under Test and Modification State

Serial No: N/A (Sample #1) / Test Configuration A

2.5.4 Date of Test/Initial of test personnel who performed the test

December 11 and 12, 2013/FSC

2.5.5 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

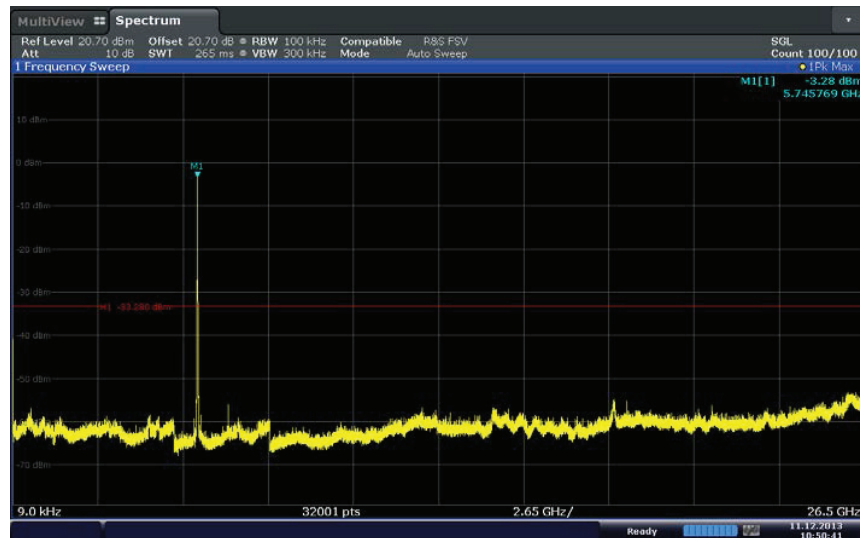
2.5.6 Environmental Conditions

Ambient Temperature	19.4-19.6°C
Relative Humidity	19.3-24.4%
ATM Pressure	99.6-99.8 kPa

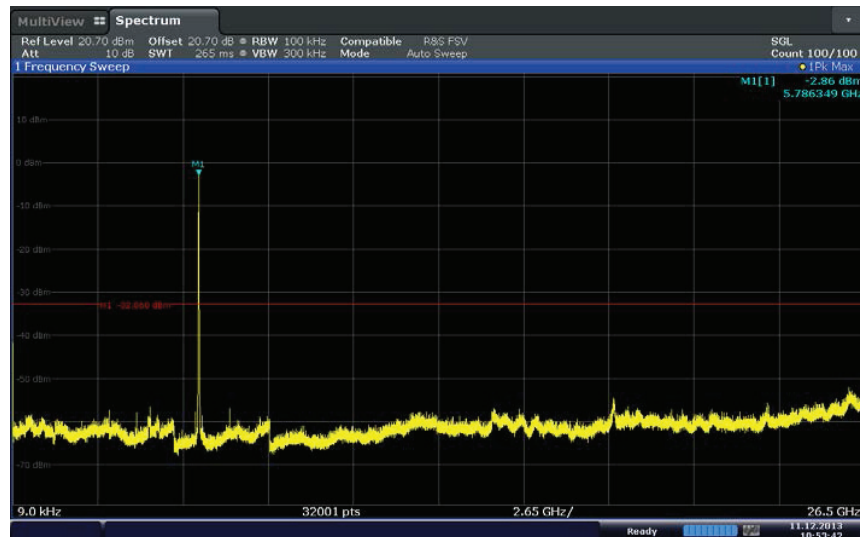
2.5.7 Additional Observations

- This is a conducted test.
- An offset of 20.7dB was added to compensate for the external attenuator and cable used.
- RBW is 100kHz.VBW is 3X RBW.
- Sweep is auto. Detector is peak. Trace is max hold.
- Initial scan was performed to determine the highest level of the desired power within the band. Limit (display line) was drawn 30dB below this level.
- Spectrum was searched from 9 kHz up to 26.5GHz and up to 40GHz for 5GHz 802.11 a and n.
- Only noise floor measurements observed from 26.5GHz up to 40GHz.

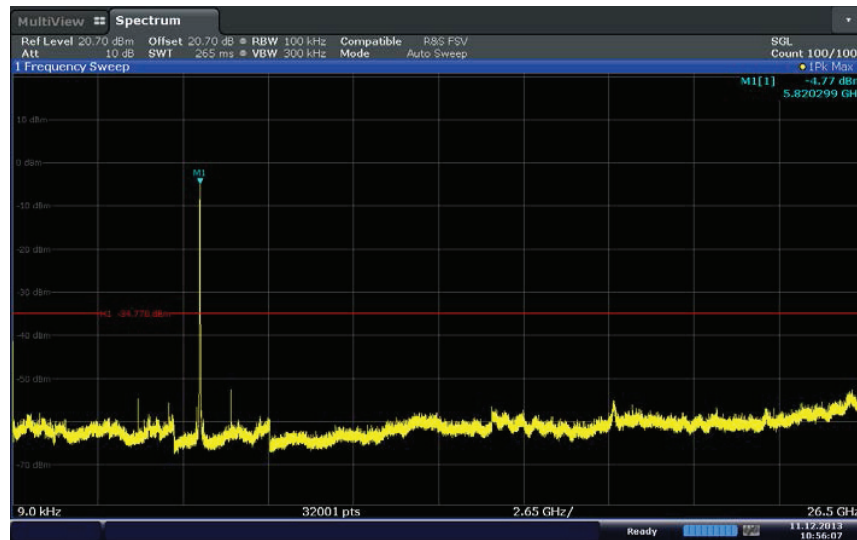
2.5.8 Test Results Plots



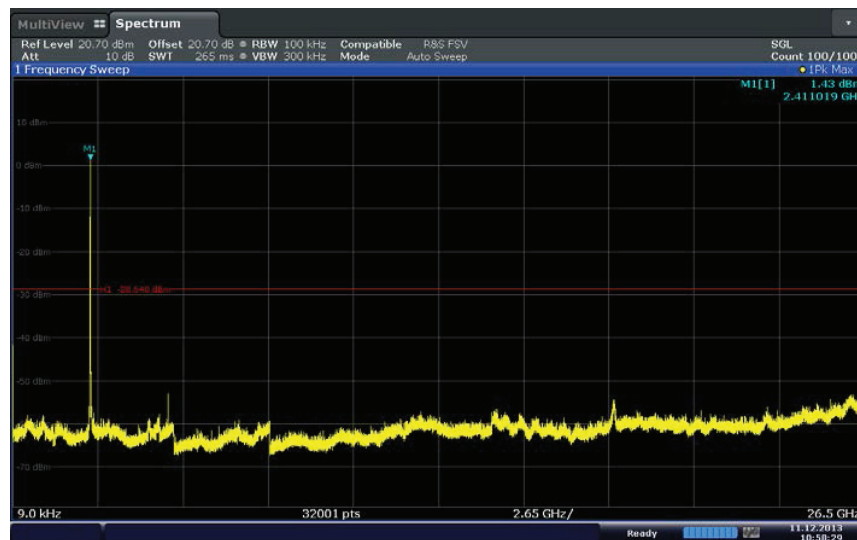
802.11a Low Channel



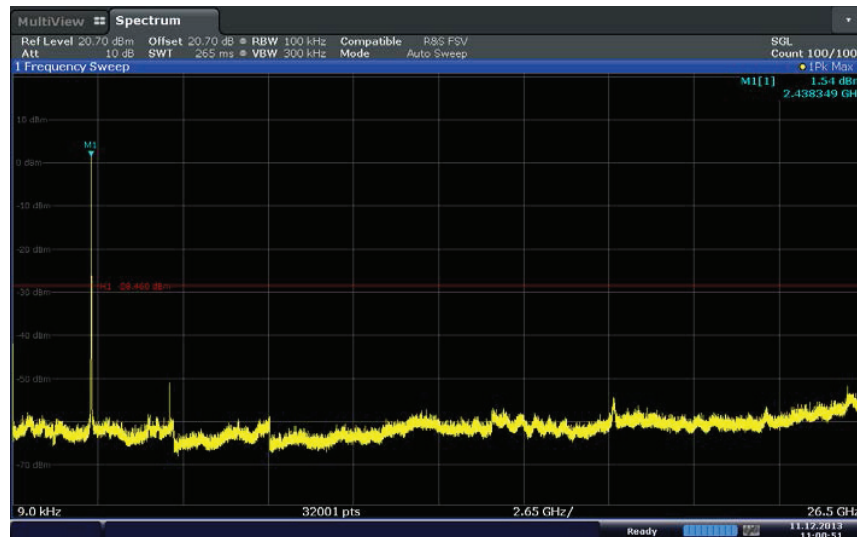
802.11a Mid Channel



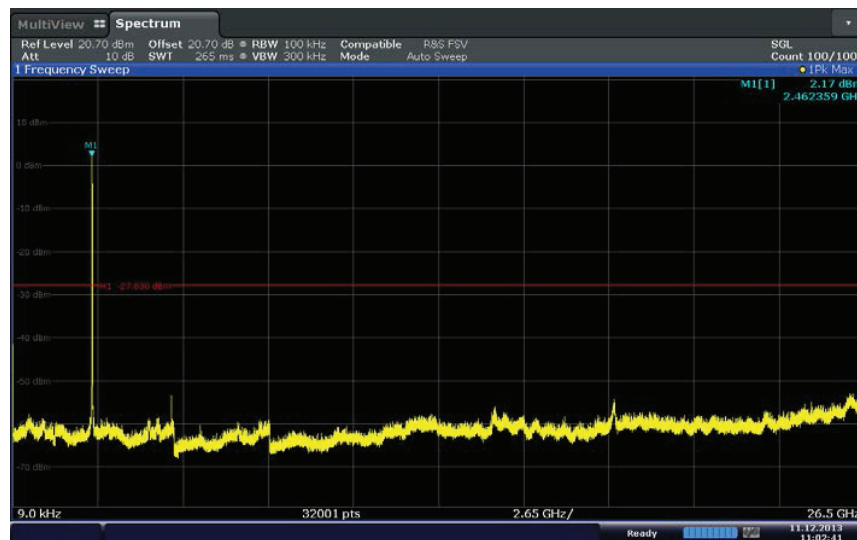
802.11a High Channel



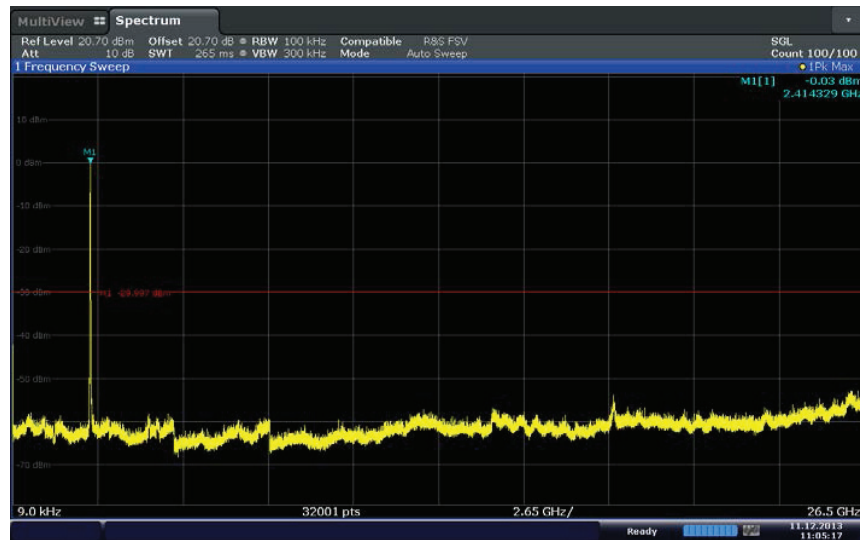
802.11b Low Channel



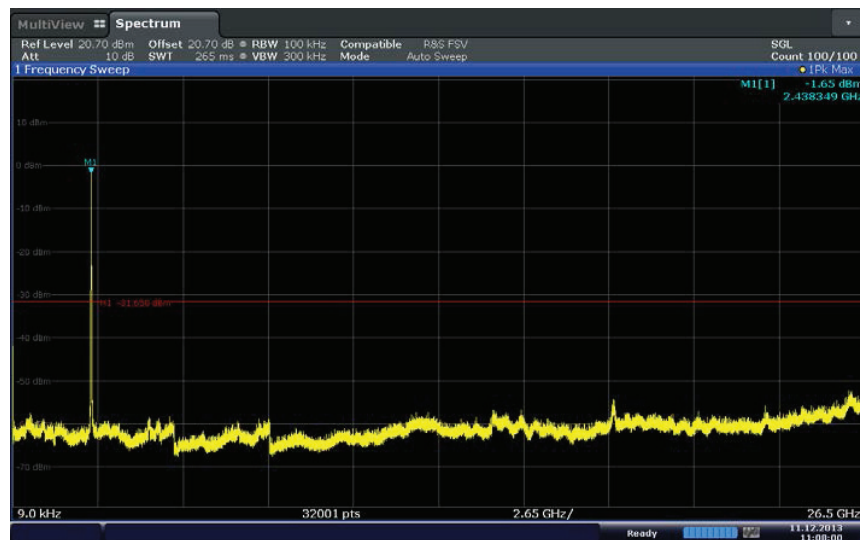
802.11b Mid Channel



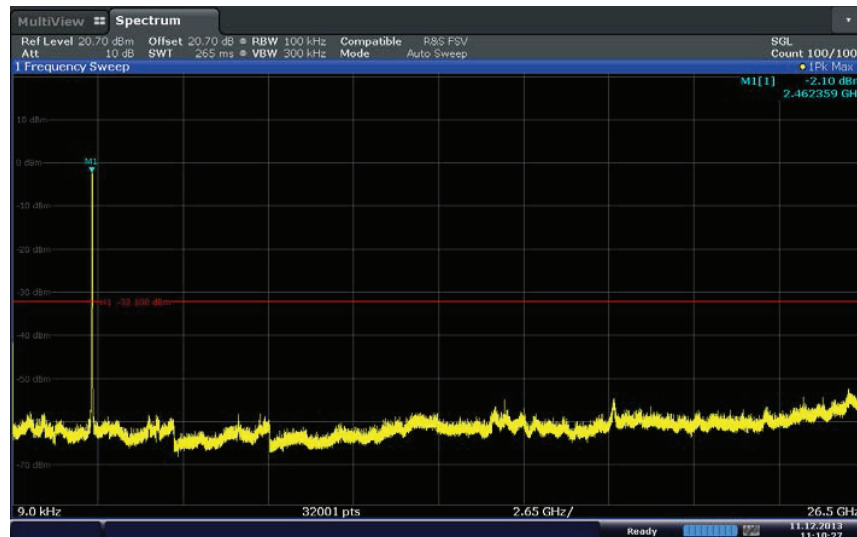
802.11b High Channel



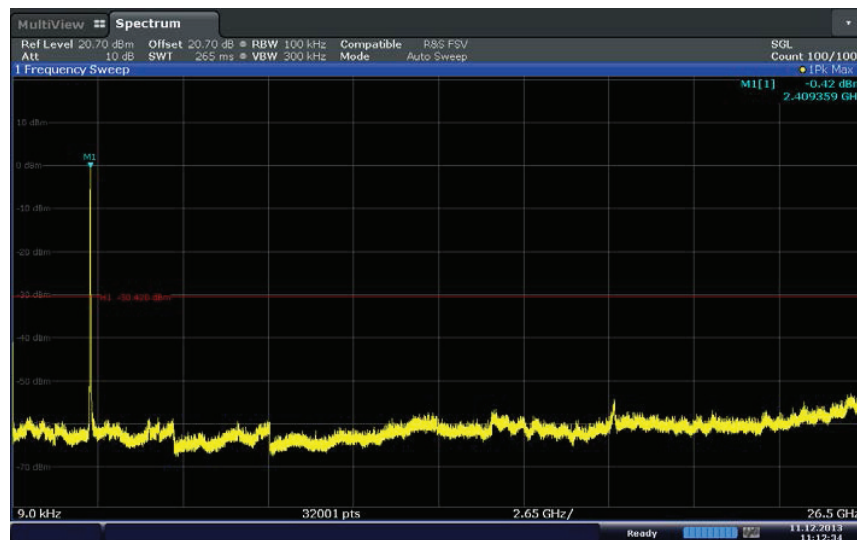
802.11g Low Channel



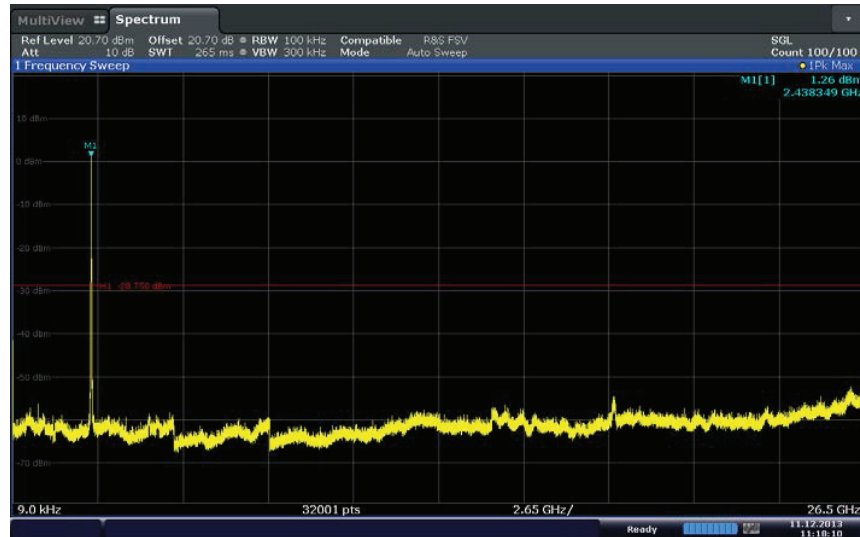
802.11g Mid Channel



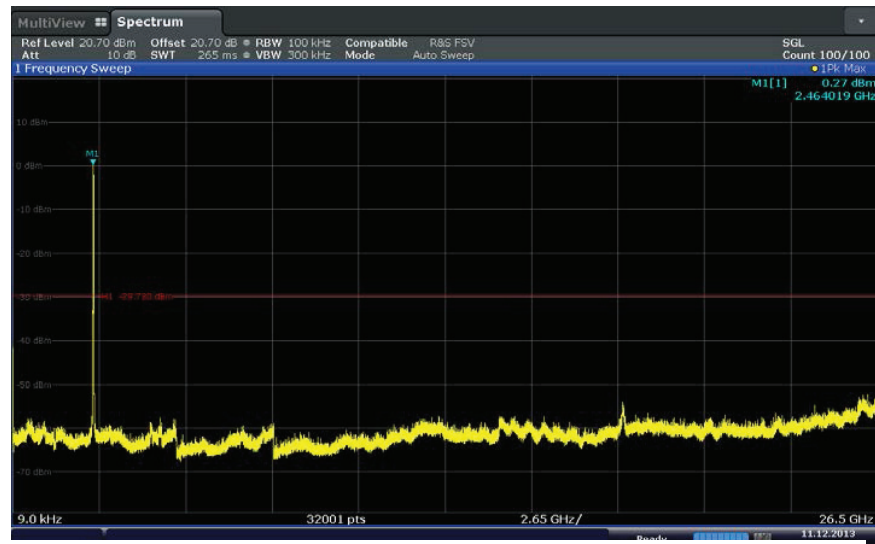
802.11g High Channel



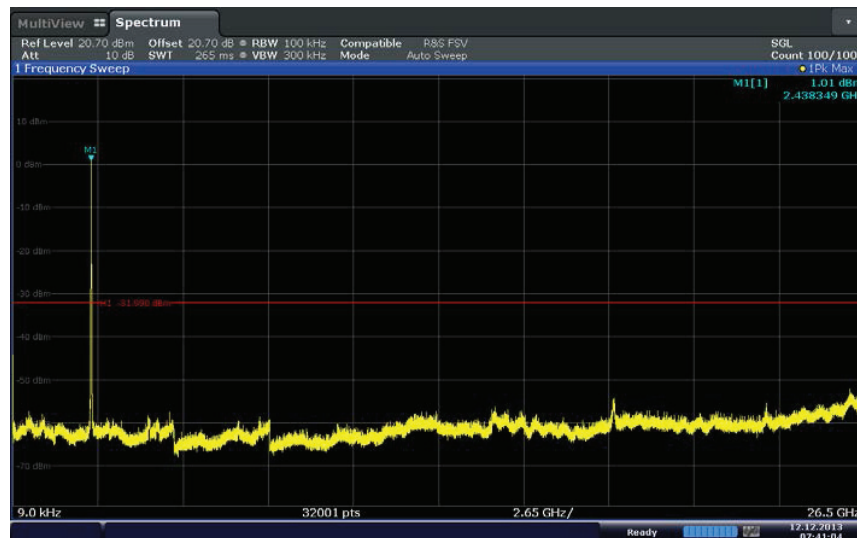
802.11n HT20 Low Channel



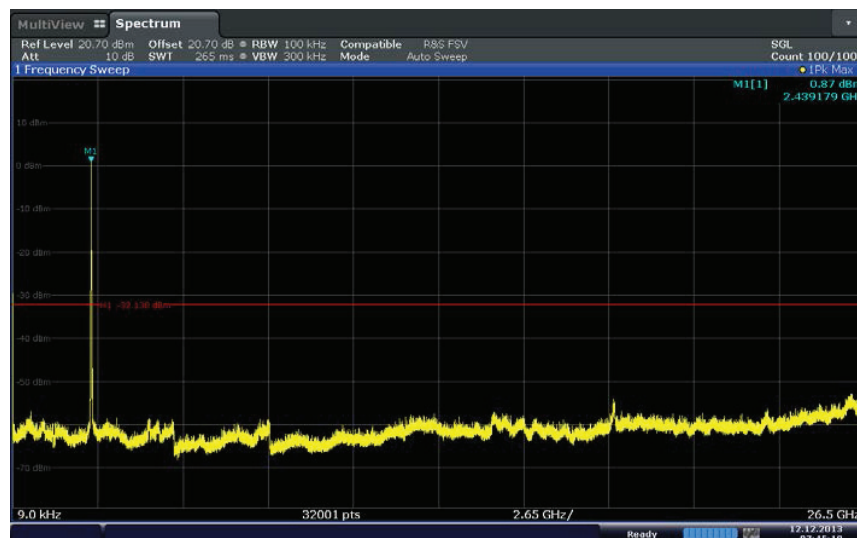
802.11n HT20 Mid Channel



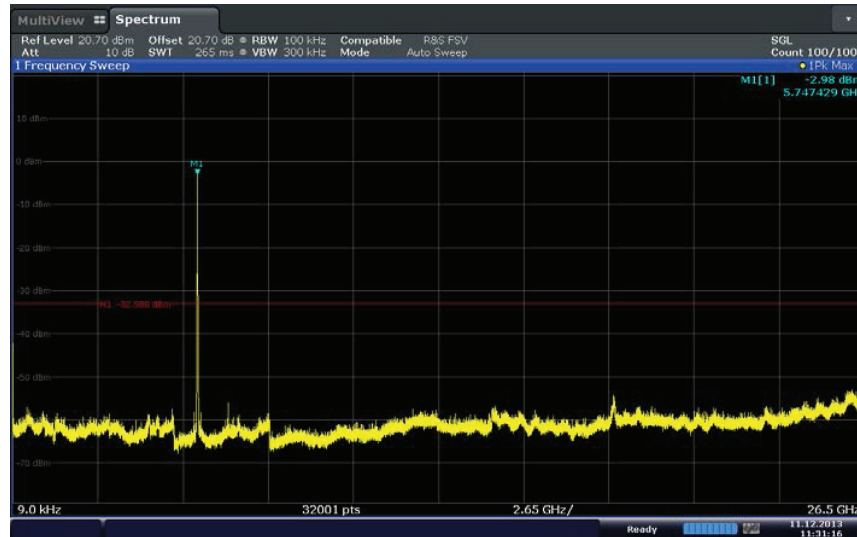
802.11n HT20 High Channel



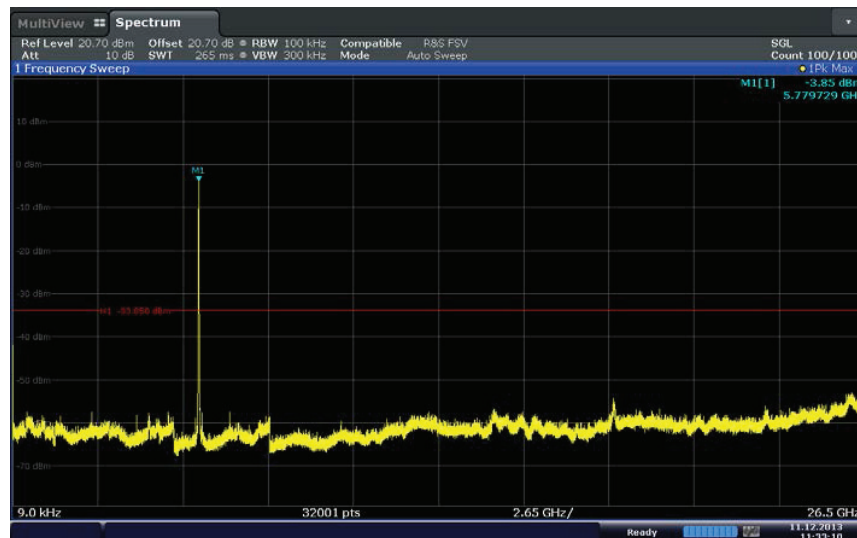
802.11n MIMO HT20 Worse Case Channel on Antenna #1



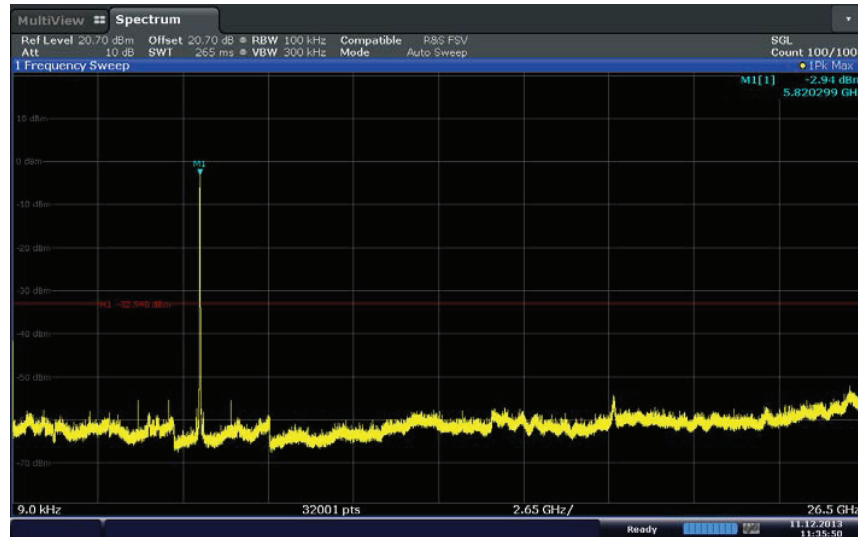
802.11n MIMO HT20 Worse Case Channel on Antenna #2



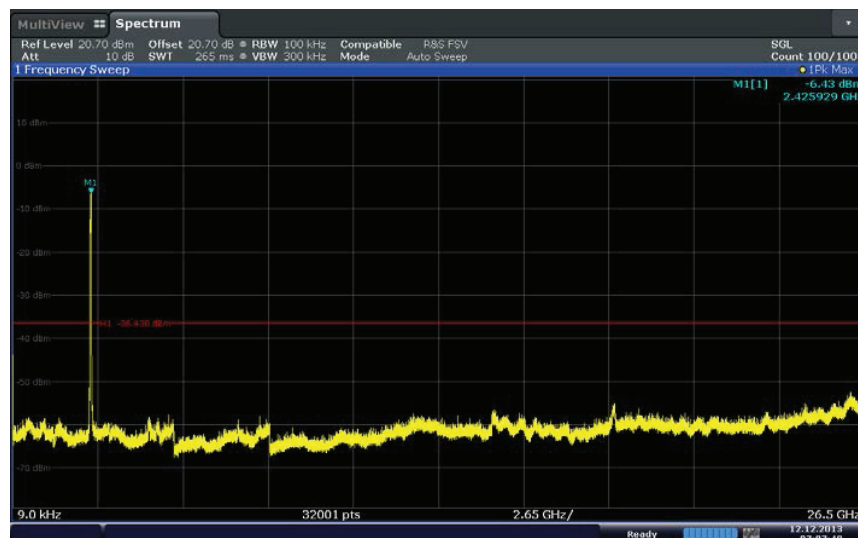
802.11n HT20 Low Channel



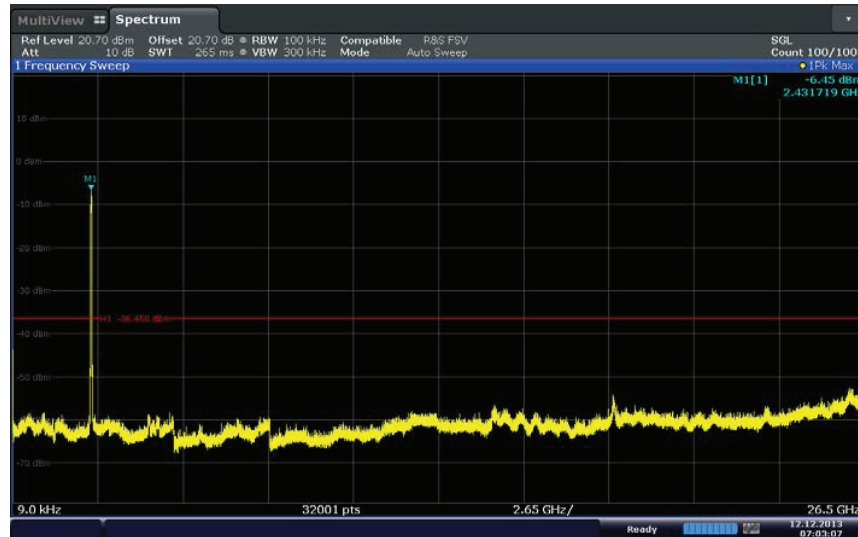
802.11n HT20 Mid Channel



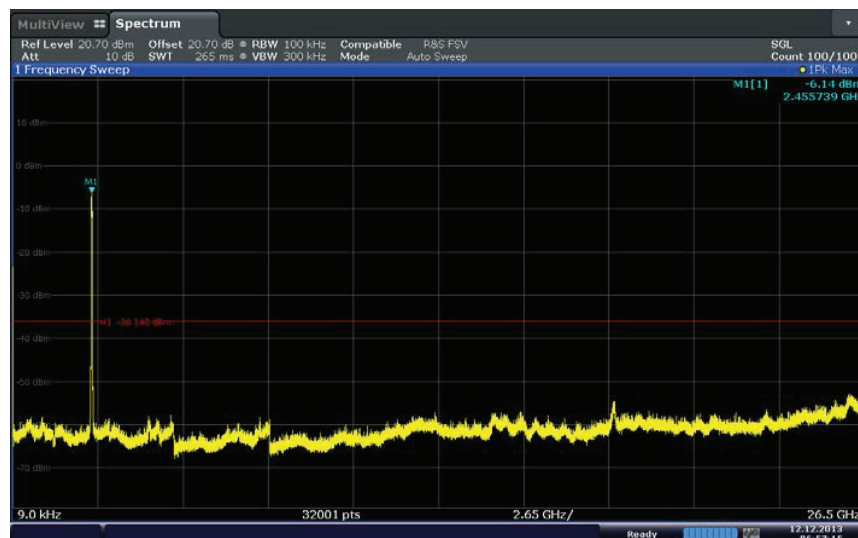
802.11n HT20 High Channel



802.11n HT40 Low Channel



802.11n HT40 Mid Channel



802.11n HT40 High Channel