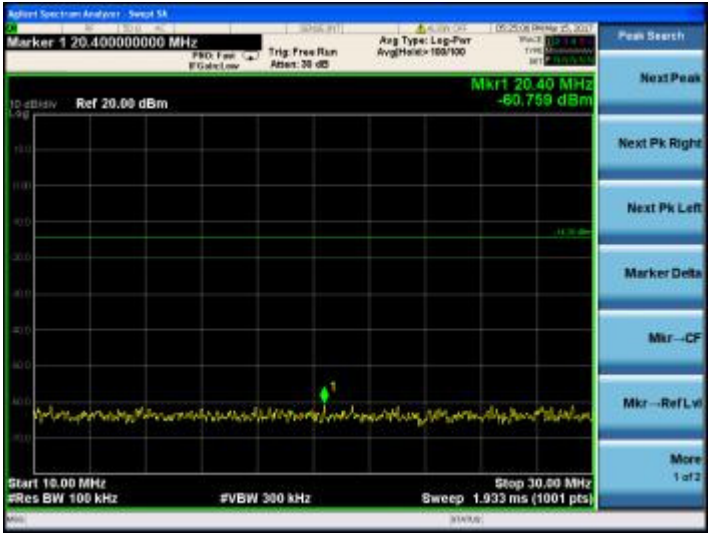


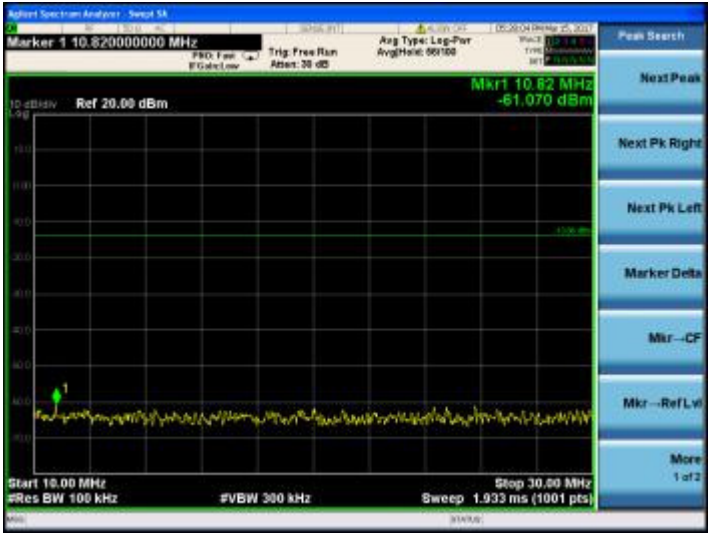
Test Mode:	802.11n HT40	Test channel :	09
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

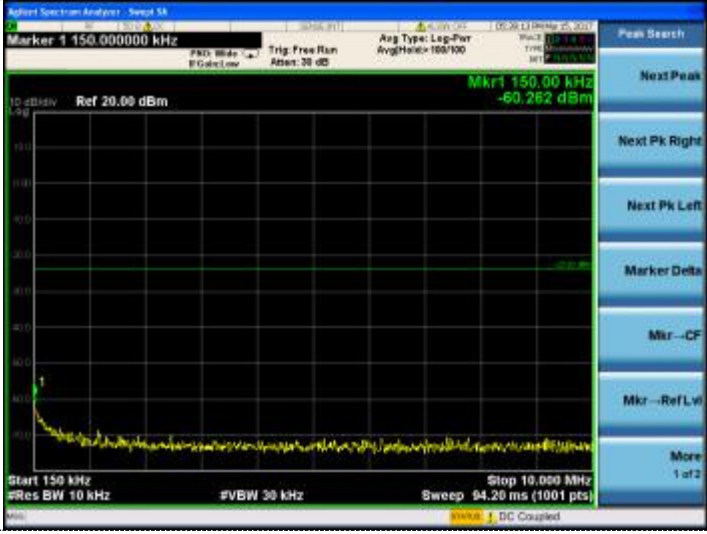
Antenna 2

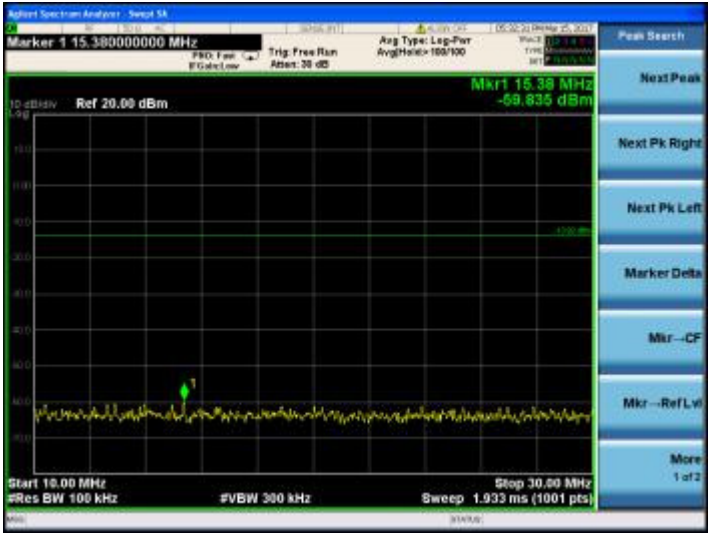
Test Mode:	802.11b	Test channel :	01
			
Channel 01			
			
9KHz~150KHz			
			
150KHz ~10MHz			

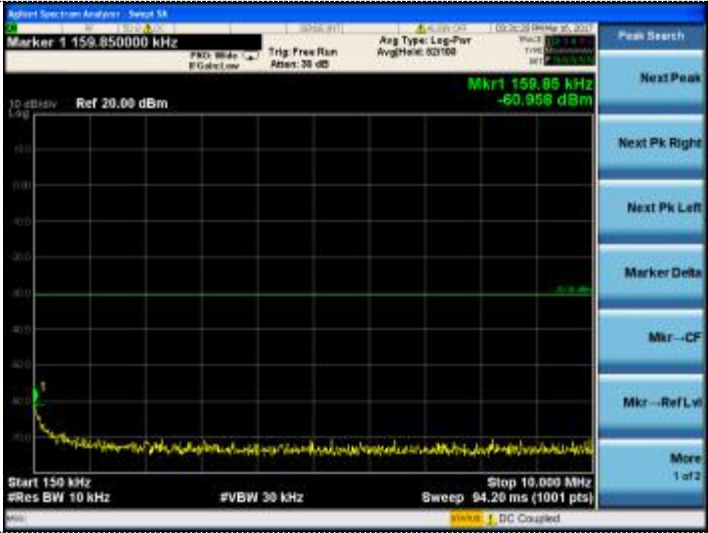
Test Mode:	802.11b	Test channel :	01
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

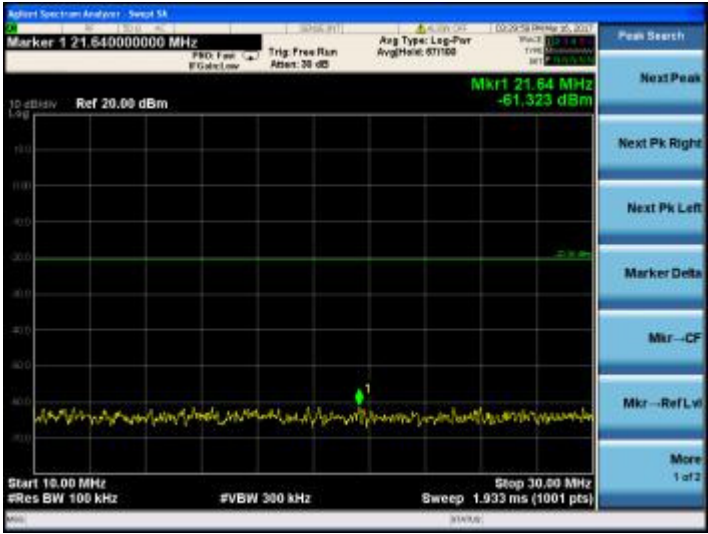
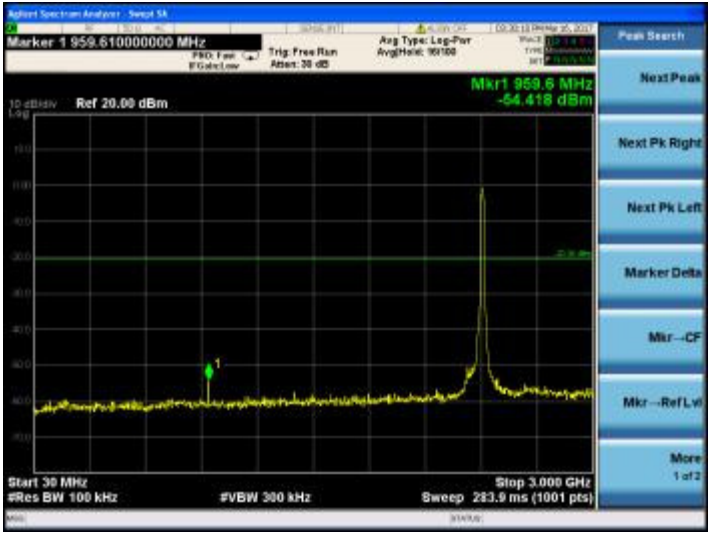
Test Mode:	802.11b	Test channel :	06
			
Channel 06			
			
9KHz~150KHz			
			
150KHz ~10MHz			

Test Mode:	802.11b	Test channel :	06
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

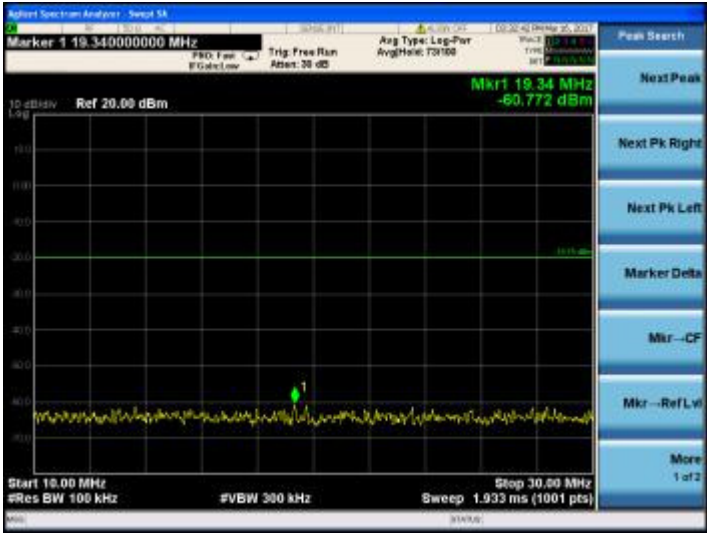
Test Mode:	802.11b	Test channel :	11
			
Channel 11			
			
9KHz~150KHz			
			
150KHz ~10MHz			

Test Mode:	802.11b	Test channel :	11
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

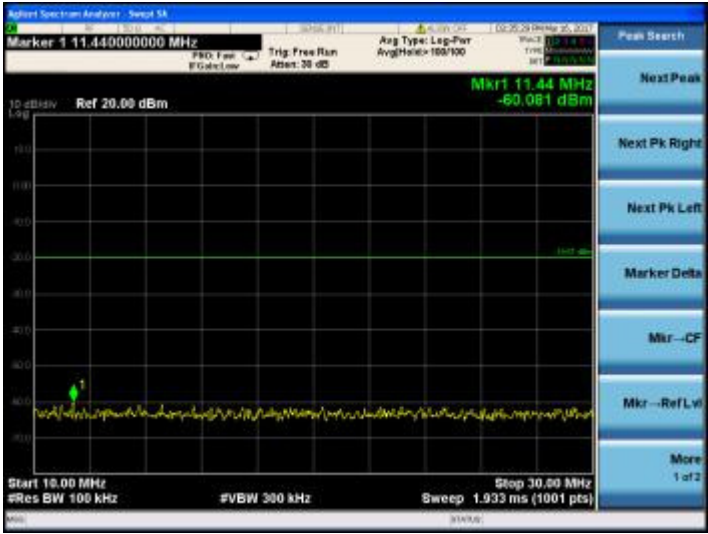
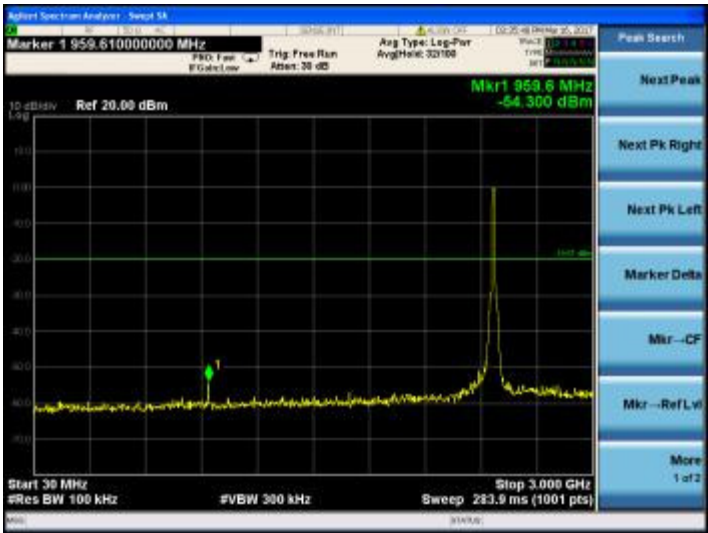
Test Mode:	802.11g	Test channel :	01
			
Channel 01			
			
9KHz~150KHz			
			
150KHz ~10MHz			

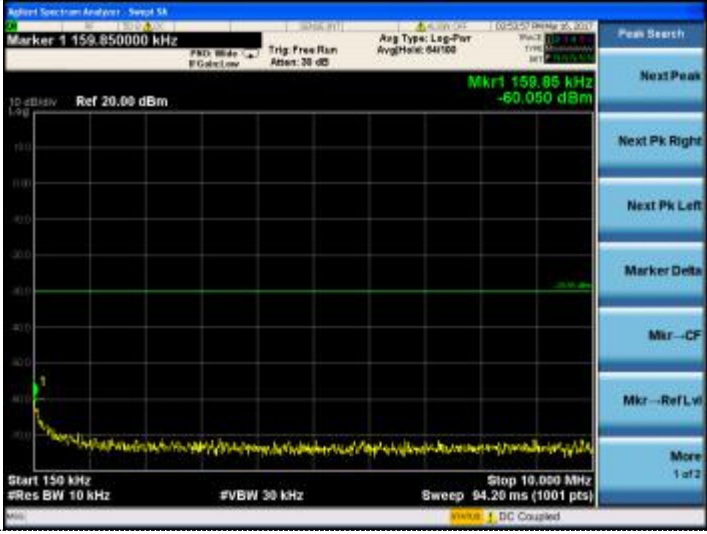
Test Mode:	802.11g	Test channel :	01
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

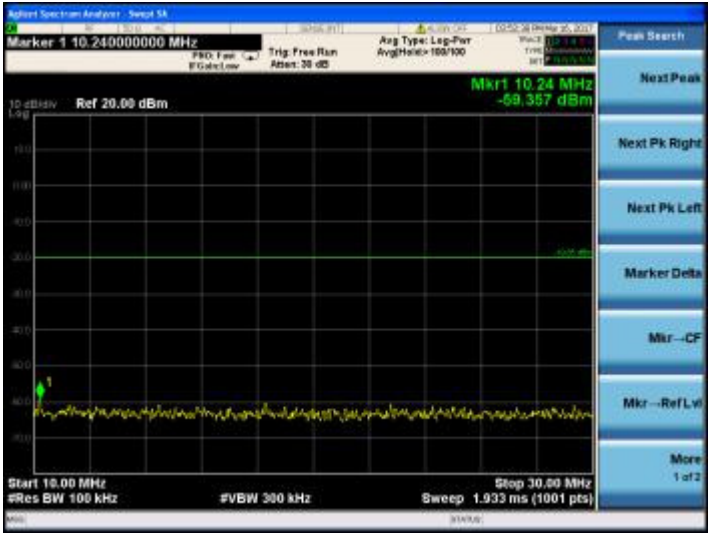
Test Mode:	802.11g	Test channel :	06
			
Channel 06			
			
9KHz~150KHz			
			
150KHz ~10MHz			

Test Mode:	802.11g	Test channel :	06
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

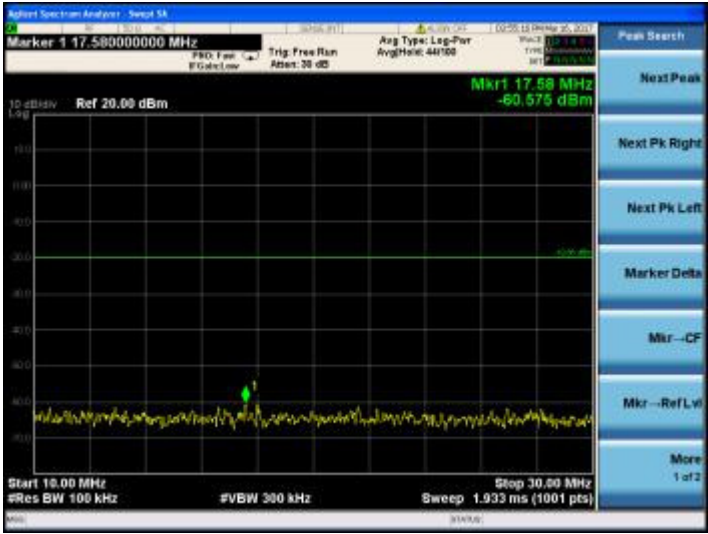
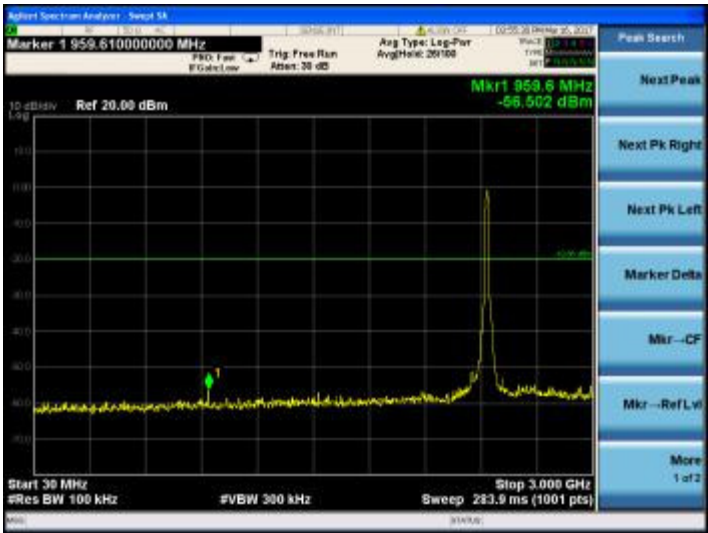
Test Mode:	802.11g	Test channel :	11
			
Channel 11			
			
9KHz~150KHz			
			
150KHz ~10MHz			

Test Mode:	802.11g	Test channel :	11
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

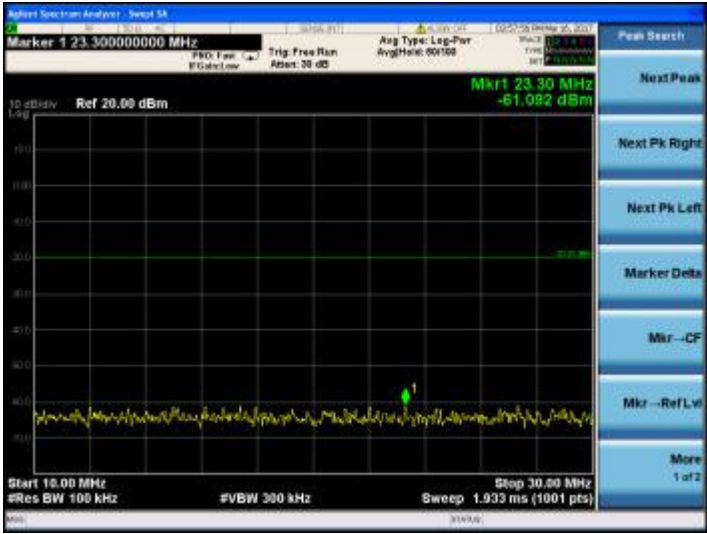
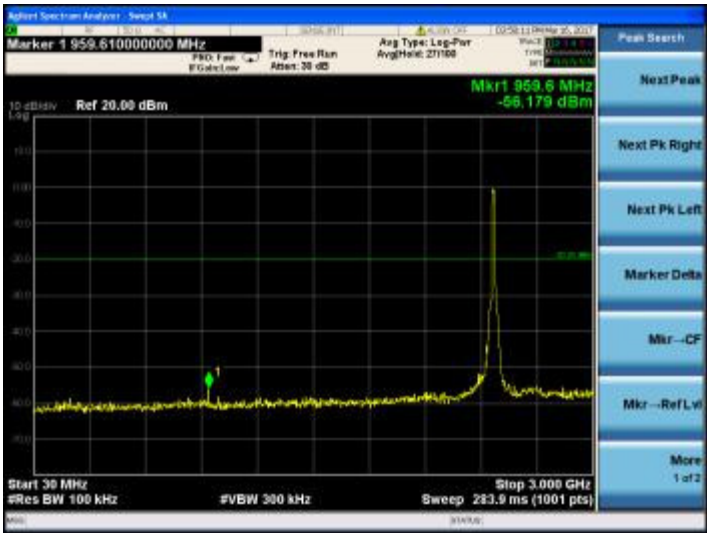
Test Mode:	802.11n HT20	Test channel :	01
			
Channel 01			
			
9KHz~150KHz			
			
150KHz ~10MHz			

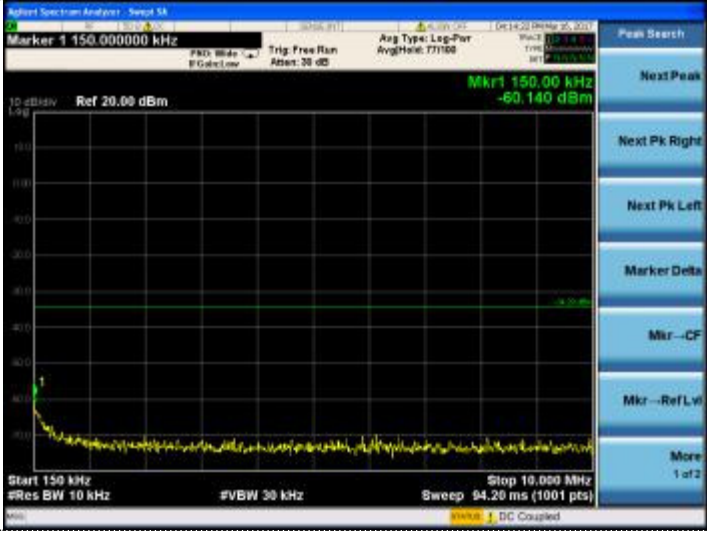
Test Mode:	802.11n HT20	Test channel :	01
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

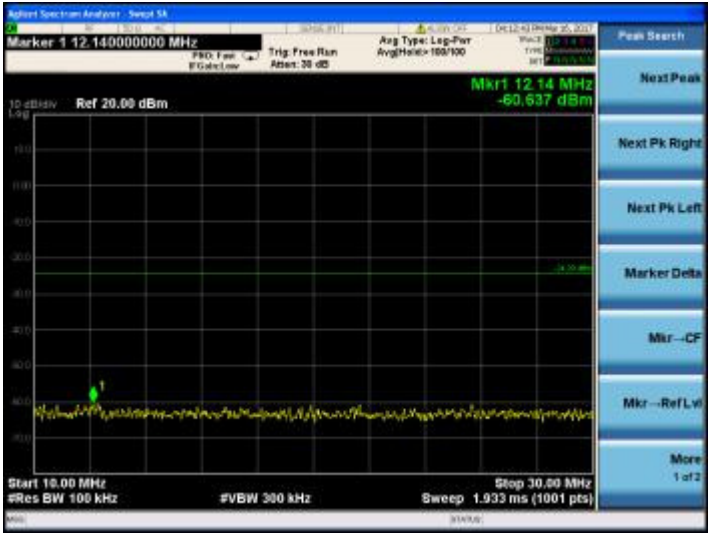
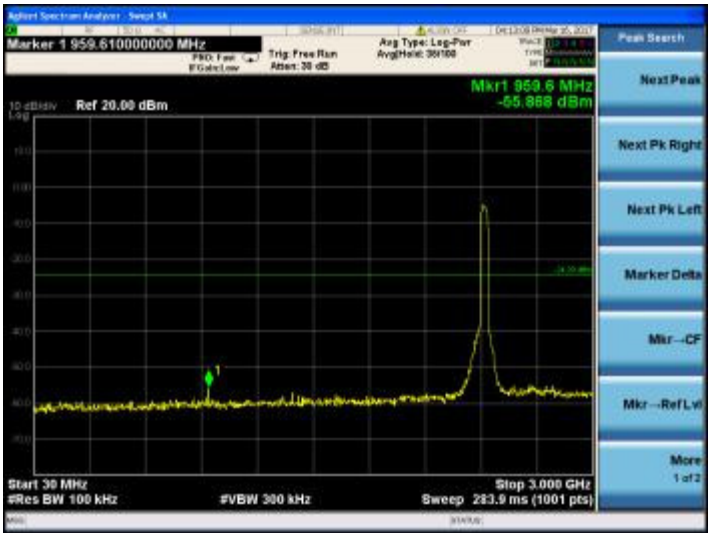
Test Mode:	802.11n HT20	Test channel :	06
			
Channel 06			
			
9KHz~150KHz			
			
150KHz ~10MHz			

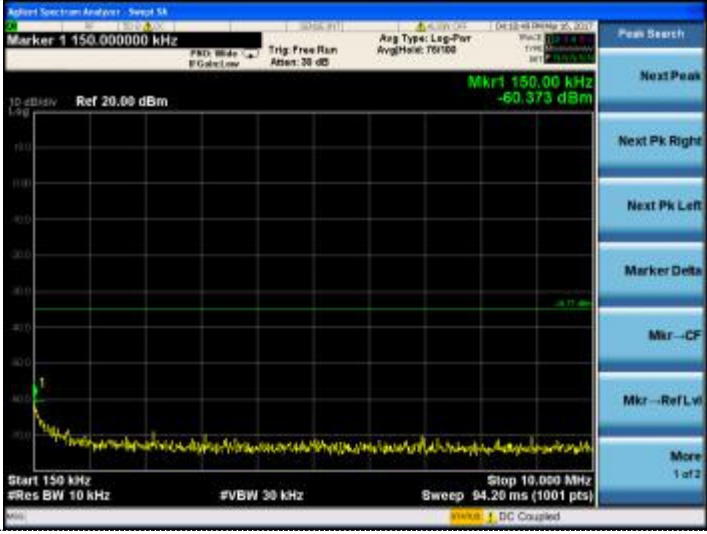
Test Mode:	802.11n HT20	Test channel :	06
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

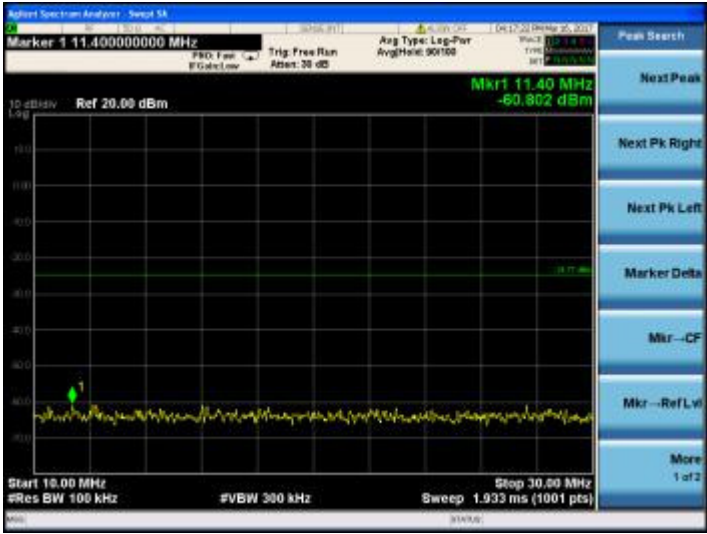
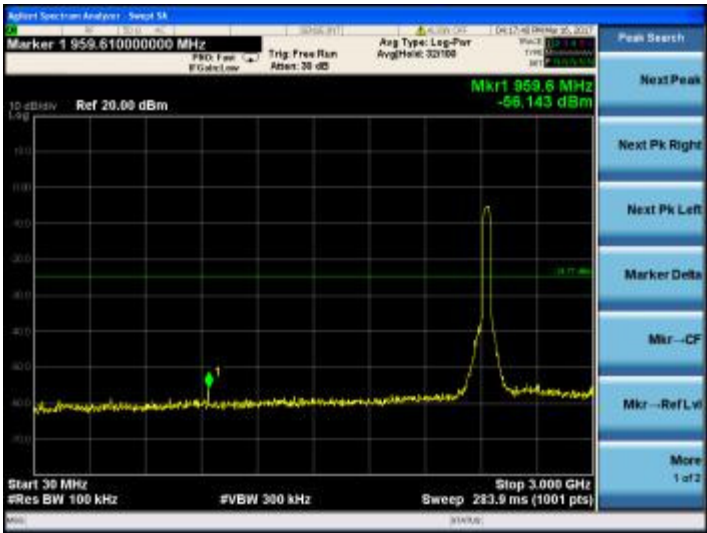
Test Mode:	802.11n HT20	Test channel :	11
			
Channel 11			
			
9KHz~150KHz			
			
150KHz ~10MHz			

Test Mode:	802.11n HT20	Test channel :	11
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

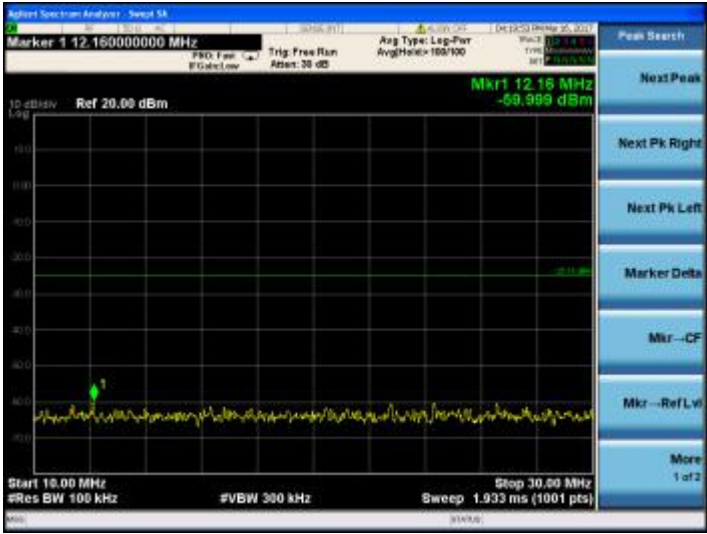
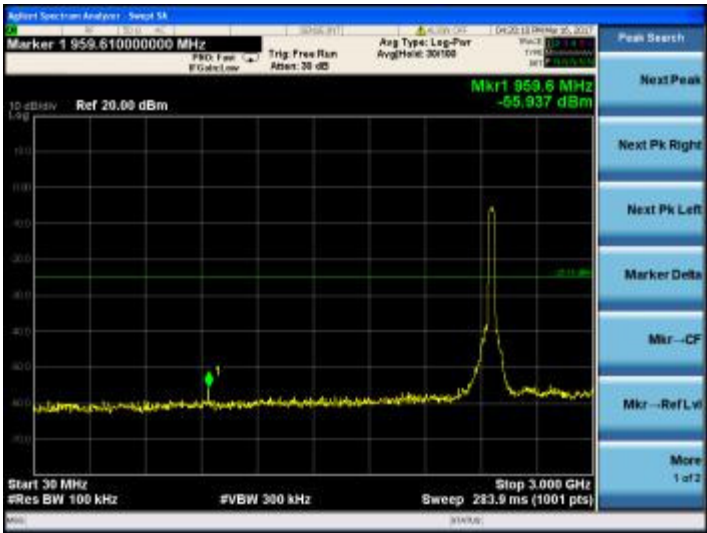
Test Mode:	802.11n HT40	Test channel :	03
			
Channel 03			
			
9KHz~150KHz			
			
150KHz ~10MHz			

Test Mode:	802.11n HT40	Test channel :	03
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

Test Mode:	802.11n HT40	Test channel :	06
			
Channel 06			
			
9KHz~150KHz			
			
150KHz ~10MHz			

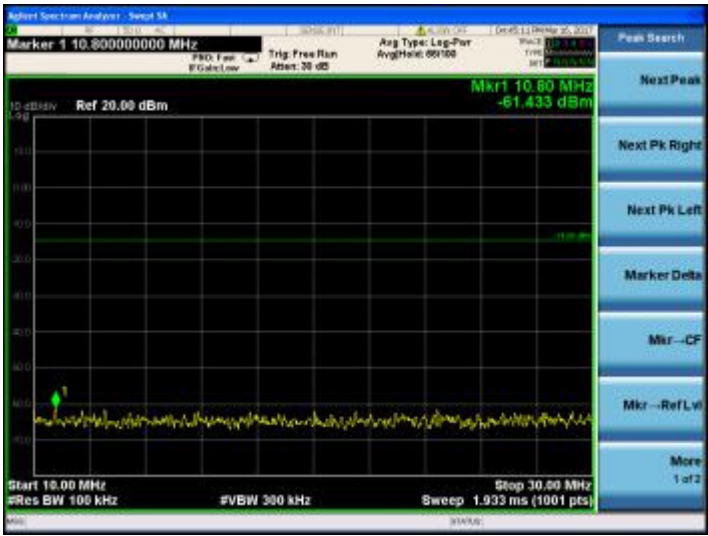
Test Mode:	802.11n HT40	Test channel :	06
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

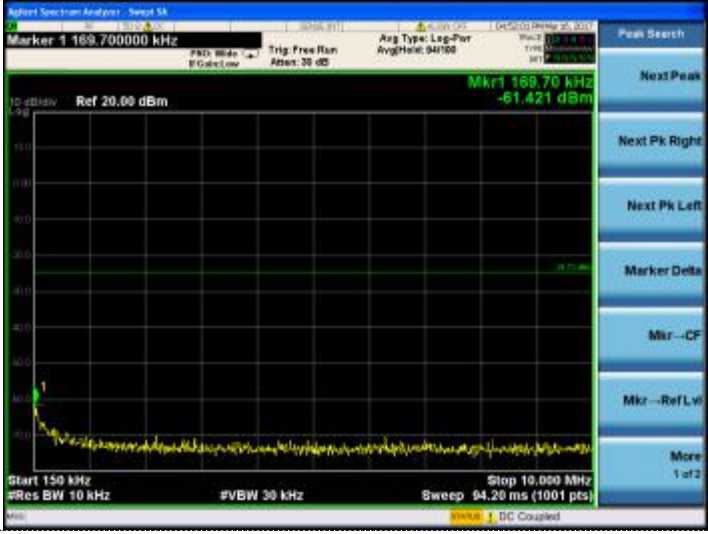
Test Mode:	802.11n HT40	Test channel :	09
			
Channel 09			
			
9KHz~150KHz			
			
150KHz ~10MHz			

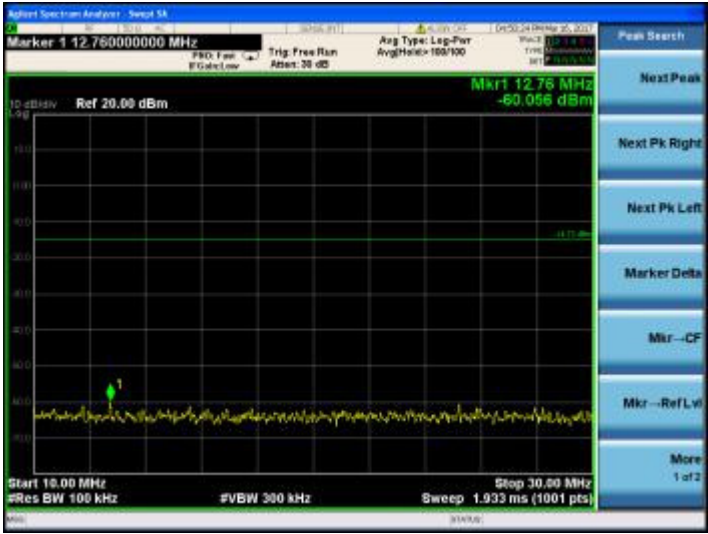
Test Mode:	802.11n HT40	Test channel :	09
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

Antenna 3

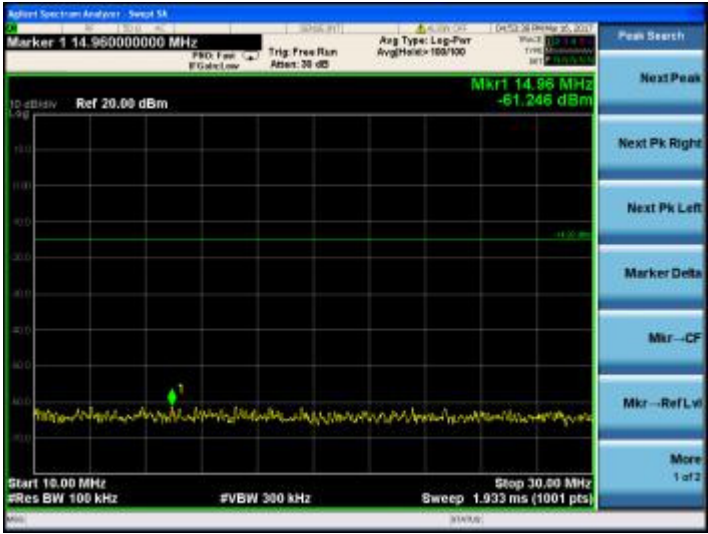
Test Mode:	802.11b	Test channel :	01
			
Channel 01			
			
9KHz~150KHz			
			
150KHz ~10MHz			

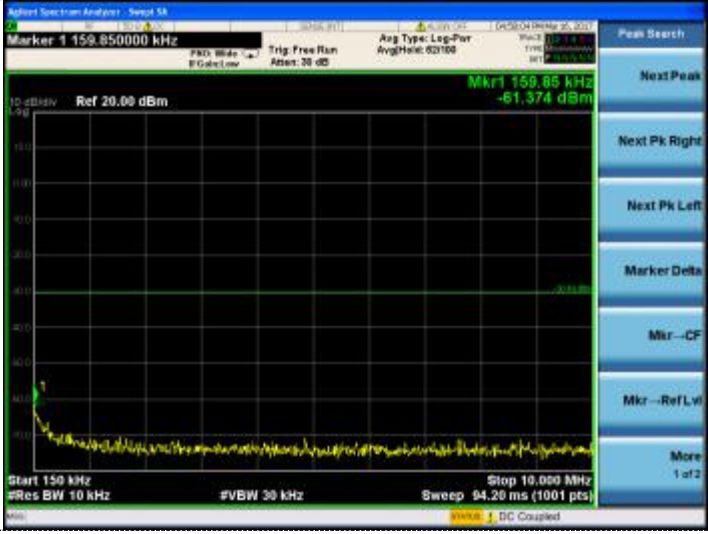
Test Mode:	802.11b	Test channel :	01
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

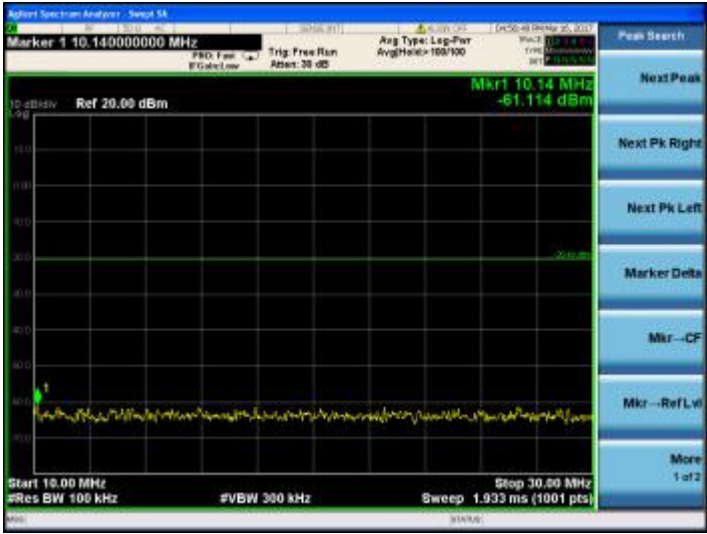
Test Mode:	802.11b	Test channel :	06
			
Channel 06			
			
9KHz~150KHz			
			
150KHz ~10MHz			

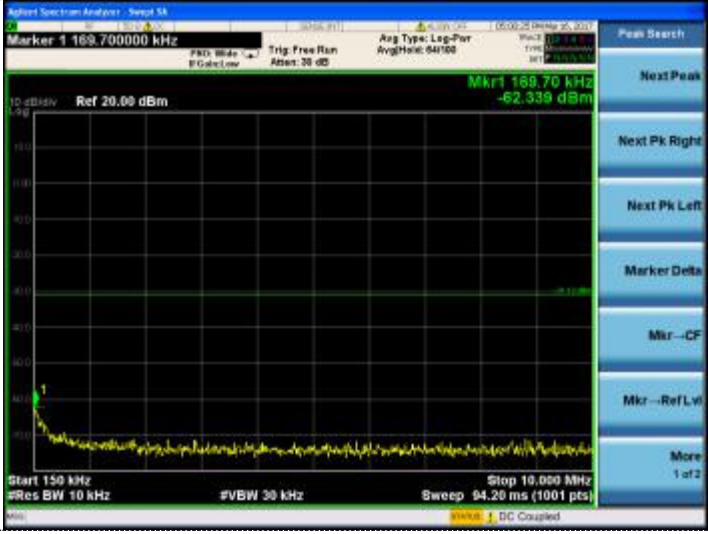
Test Mode:	802.11b	Test channel :	06
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

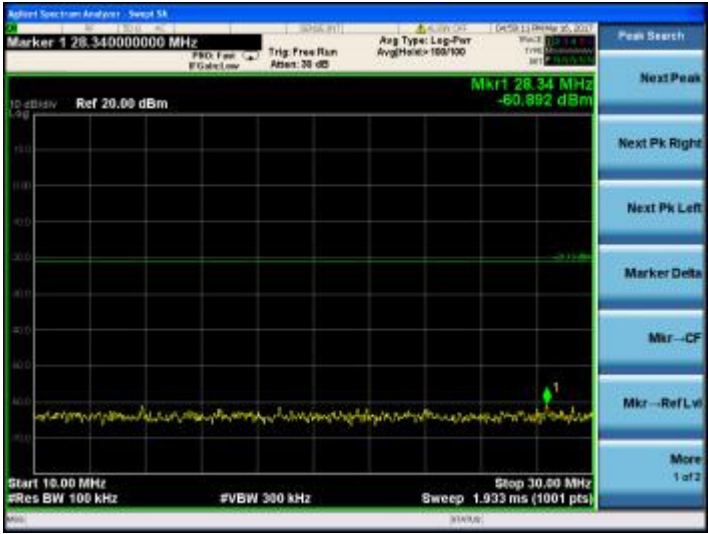
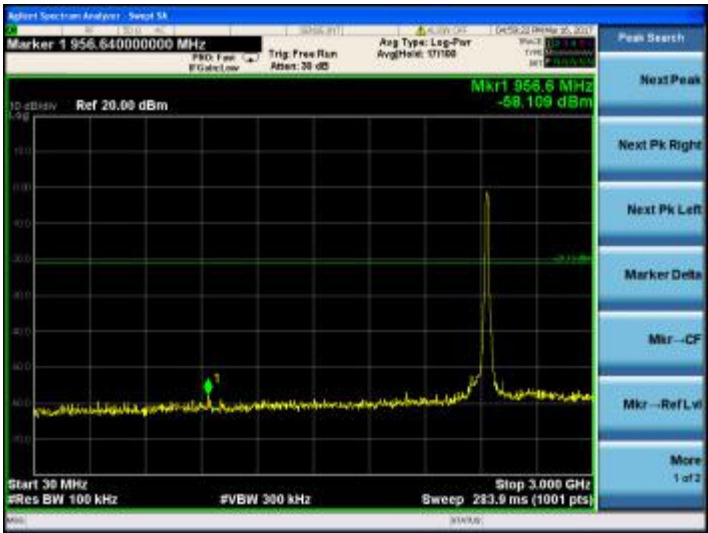
Test Mode:	802.11b	Test channel :	11
			
Channel 11			
			
9KHz~150KHz			
			
150KHz ~10MHz			

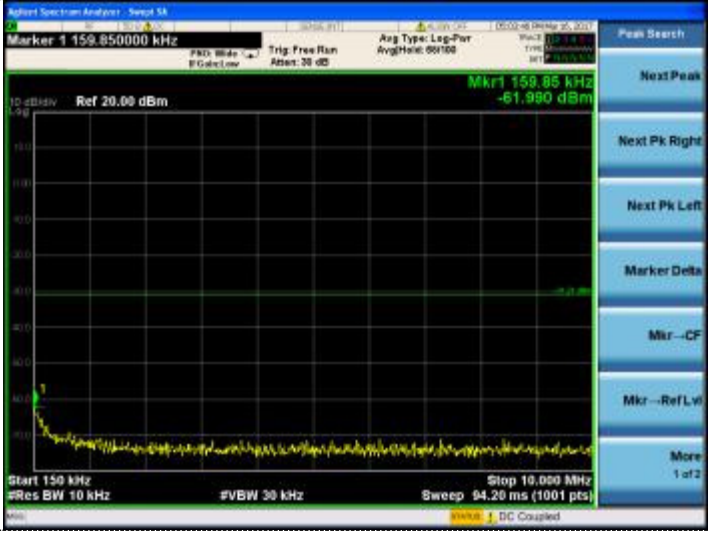
Test Mode:	802.11b	Test channel :	11
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

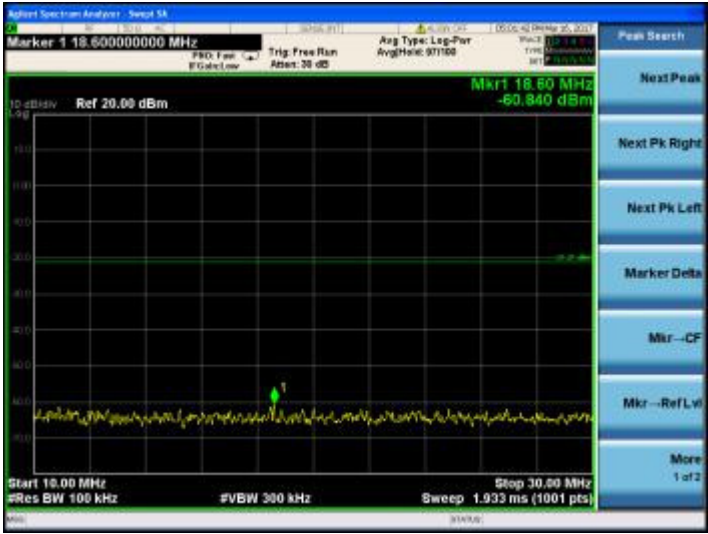
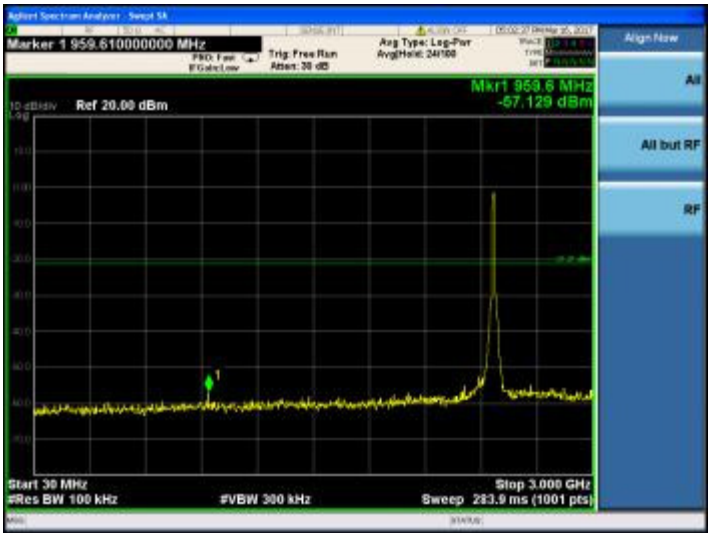
Test Mode:	802.11g	Test channel :	01
			
Channel 01			
			
9KHz~150KHz			
			
150KHz ~10MHz			

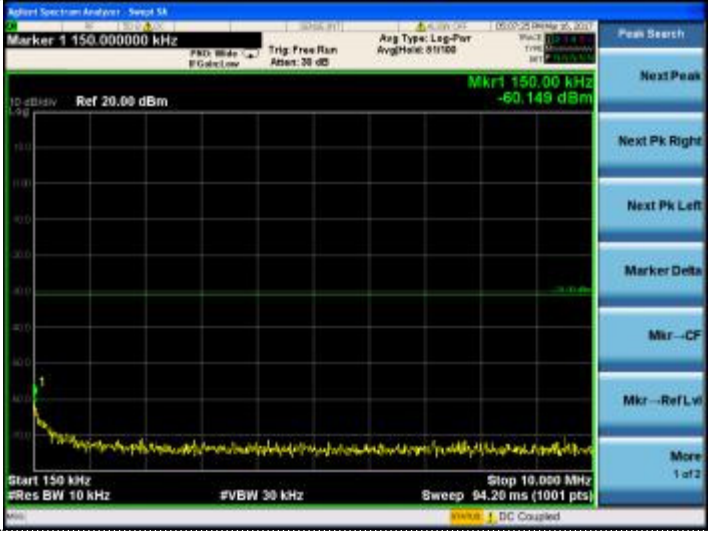
Test Mode:	802.11g	Test channel :	01
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

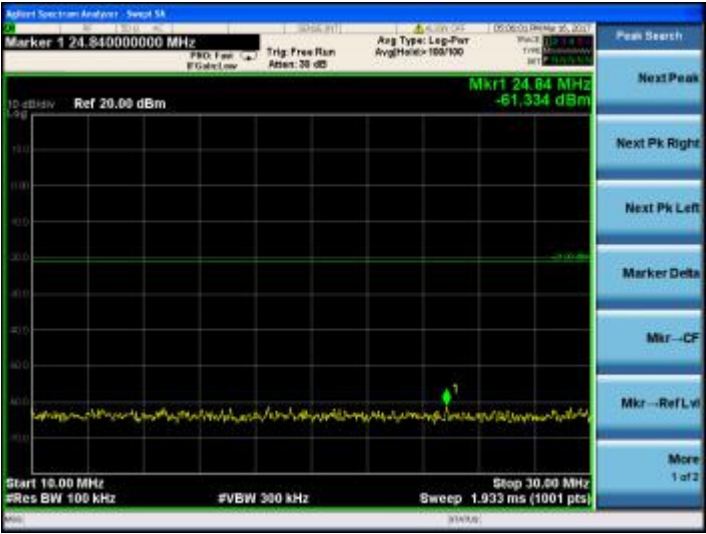
Test Mode:	802.11g	Test channel :	06
			
Channel 06			
			
9KHz~150KHz			
			
150KHz ~10MHz			

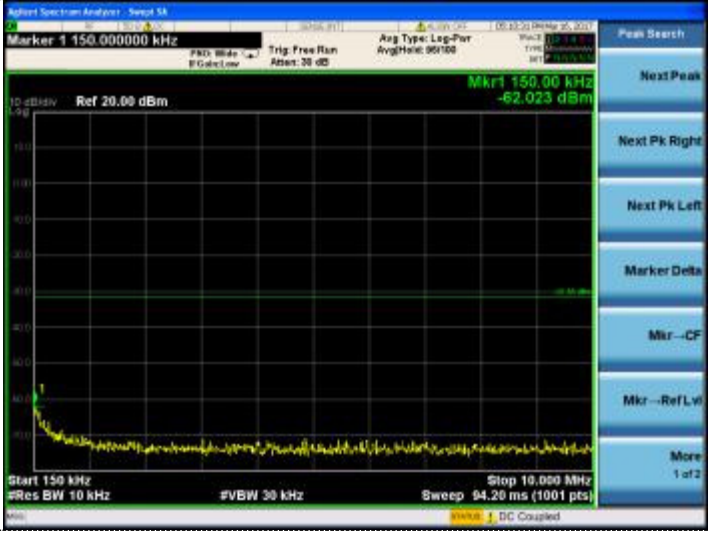
Test Mode:	802.11g	Test channel :	06
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

Test Mode:	802.11g	Test channel :	11
			
Channel 11			
			
9KHz~150KHz			
			
150KHz ~10MHz			

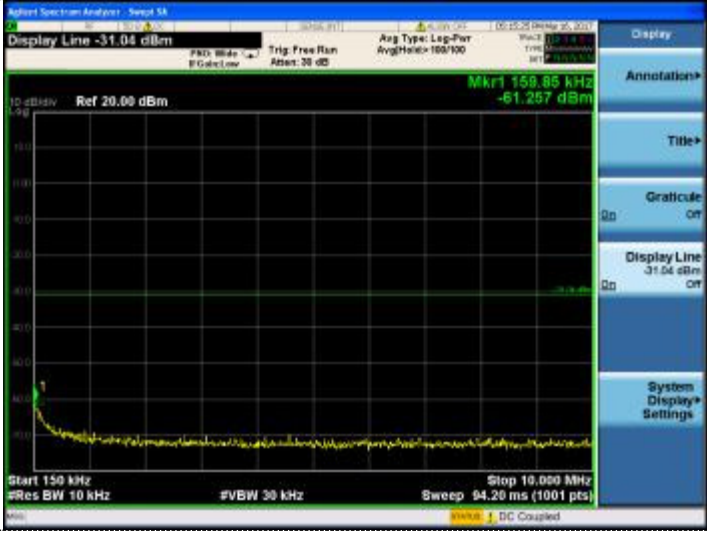
Test Mode:	802.11g	Test channel :	11
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

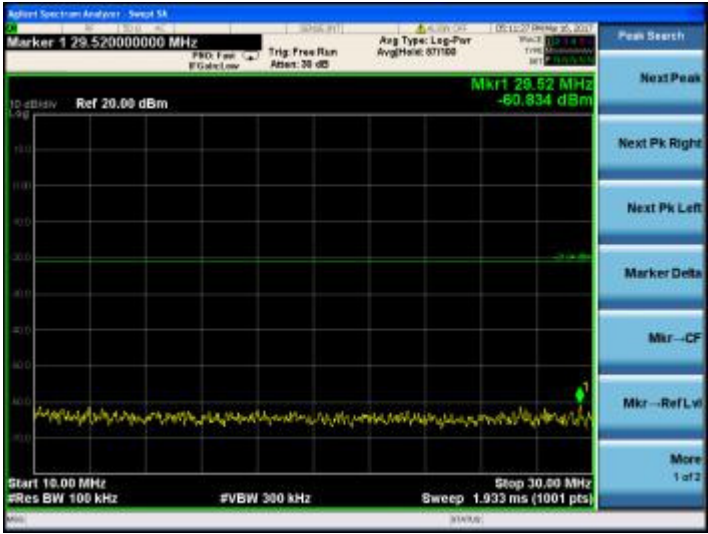
Test Mode:	802.11n HT20	Test channel :	01
			
Channel 01			
			
9KHz~150KHz			
			
150KHz ~10MHz			

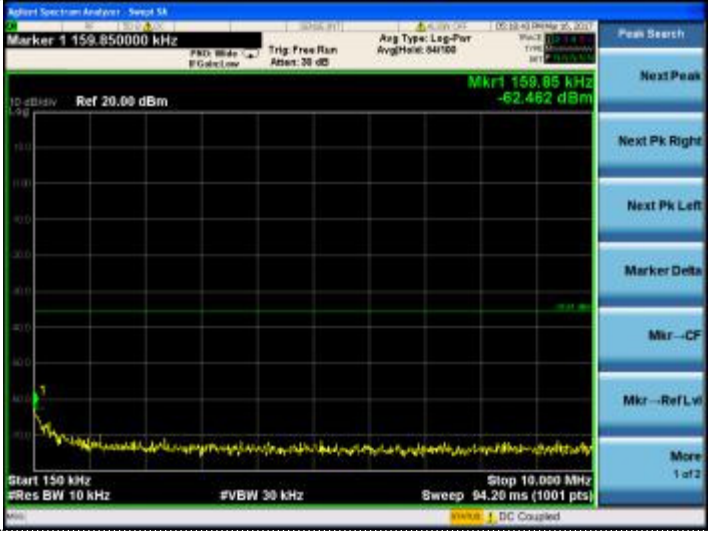
Test Mode:	802.11n HT20	Test channel :	01
 The screenshot shows a spectrum analyzer with a marker at 24.84000000 MHz and a power level of -61.334 dBm. The frequency range is from 18.00 MHz to 30.00 MHz with a resolution bandwidth of 100 kHz. The y-axis represents power in dBm, ranging from -100 to 10. The x-axis represents frequency in MHz. The spectrum shows a relatively flat noise floor.			
10MHz ~30MHz			
 The screenshot shows a spectrum analyzer with a marker at 959.61000000 MHz and a power level of -54.512 dBm. The frequency range is from 30 MHz to 3.000 GHz with a resolution bandwidth of 100 kHz. The y-axis represents power in dBm, ranging from -100 to 10. The x-axis represents frequency in MHz. A sharp peak is visible at the marked frequency.			
30MHz ~3GHz			
 The screenshot shows a spectrum analyzer with a marker at 24.538000000000 GHz and a power level of -45.949 dBm. The frequency range is from 3.00 GHz to 25.00 GHz with a resolution bandwidth of 100 kHz. The y-axis represents power in dBm, ranging from -100 to 10. The x-axis represents frequency in GHz. The spectrum shows a rising noise floor across the frequency range.			
3GHz~25GHz			

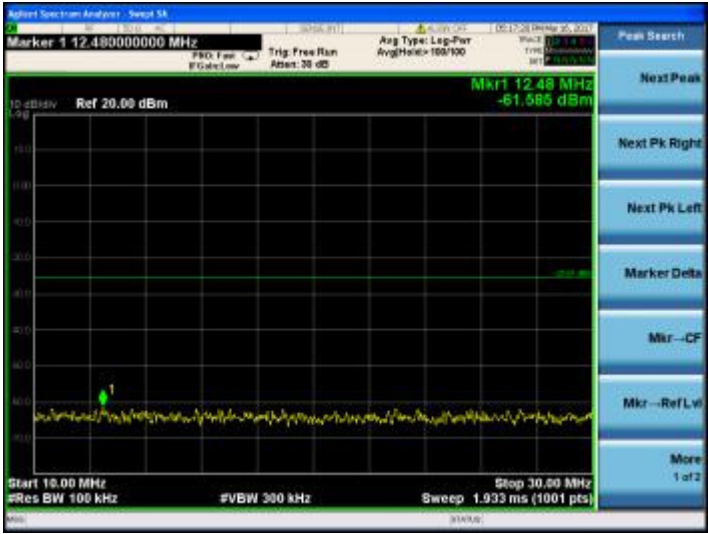
Test Mode:	802.11n HT20	Test channel :	06
			
Channel 06			
			
9KHz~150KHz			
			
150KHz ~10MHz			

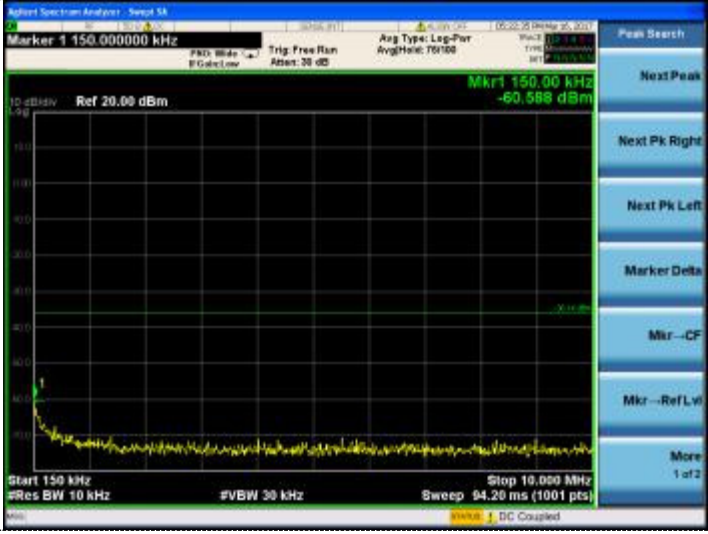
Test Mode:	802.11n HT20	Test channel :	06
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

Test Mode:	802.11n HT20	Test channel :	11
			
Channel 11			
			
9KHz~150KHz			
			
150KHz ~10MHz			

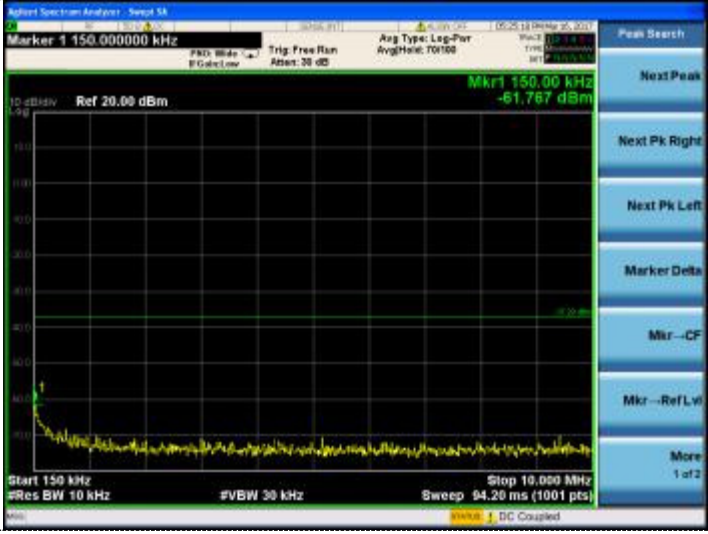
Test Mode:	802.11n HT20	Test channel :	11
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

Test Mode:	802.11n HT40	Test channel :	03
			
Channel 03			
			
9KHz~150KHz			
			
150KHz ~10MHz			

Test Mode:	802.11n HT40	Test channel :	03
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

Test Mode:	802.11n HT40	Test channel :	06
			
Channel 06			
			
9KHz~150KHz			
			
150KHz ~10MHz			

Test Mode:	802.11n HT40	Test channel :	06
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

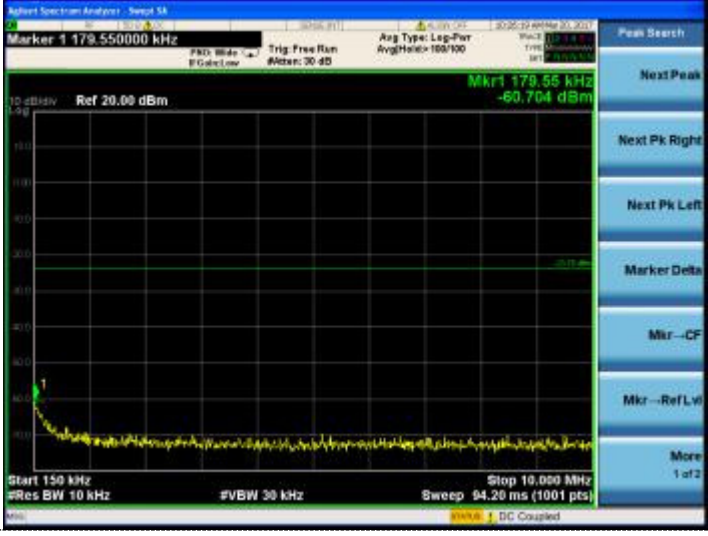
Test Mode:	802.11n HT40	Test channel :	09
			
Channel 09			
			
9KHz~150KHz			
			
150KHz ~10MHz			

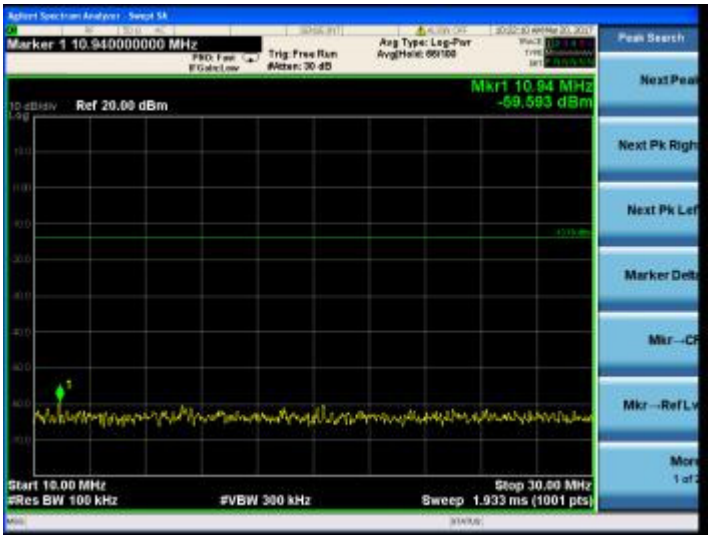
Test Mode:	802.11n HT40	Test channel :	09
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

Antenna 4

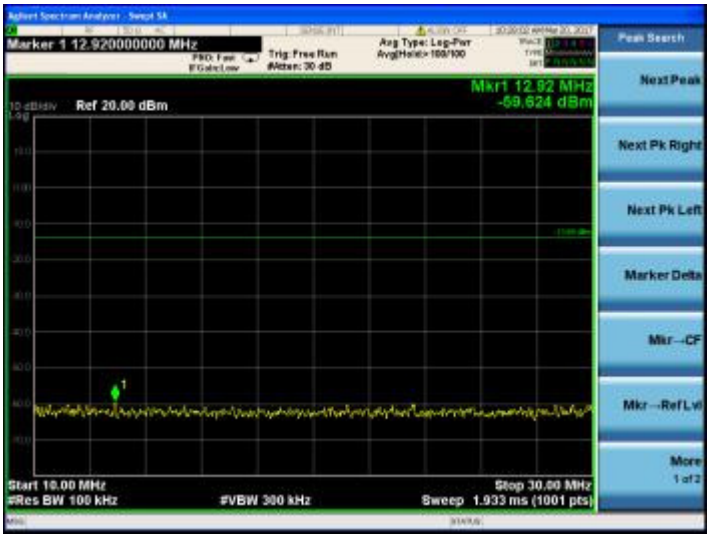
Test Mode:	802.11b	Test channel :	01
			
Channel 01			
			
9KHz~150KHz			
			
150KHz ~10MHz			

Test Mode:	802.11b	Test channel :	01
10MHz ~30MHz			
30MHz ~3GHz			
3GHz~25GHz			

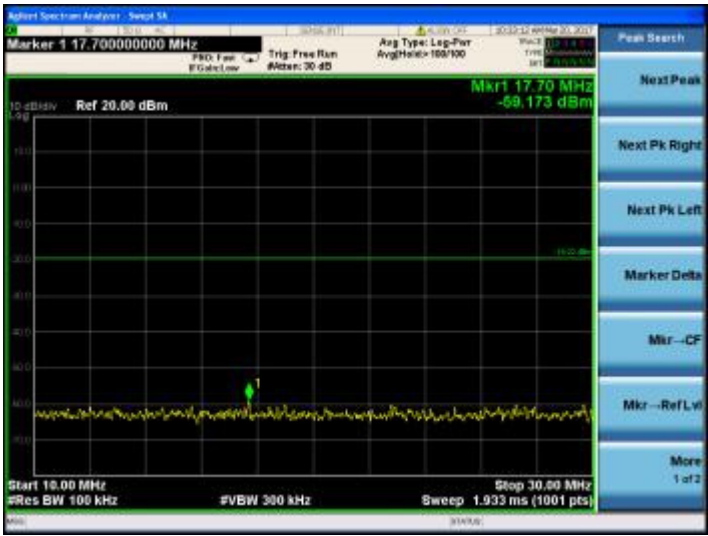
Test Mode:	802.11b	Test channel :	06
			
Channel 06			
			
9KHz~150KHz			
			
150KHz ~10MHz			

Test Mode:	802.11b	Test channel :	06
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

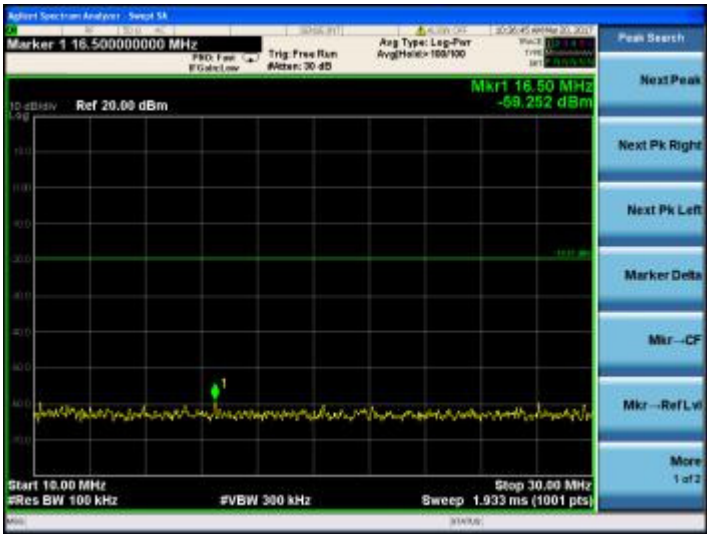
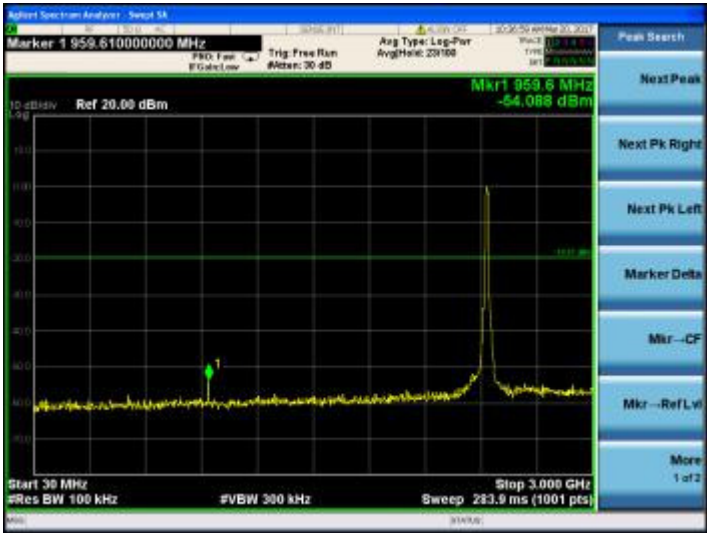
Test Mode:	802.11b	Test channel :	11
			
Channel 11			
			
9KHz~150KHz			
			
150KHz ~10MHz			

Test Mode:	802.11b	Test channel :	11
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

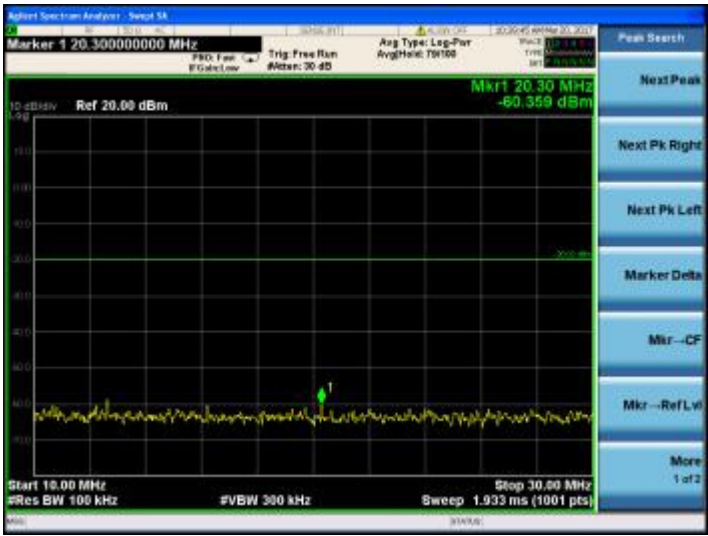
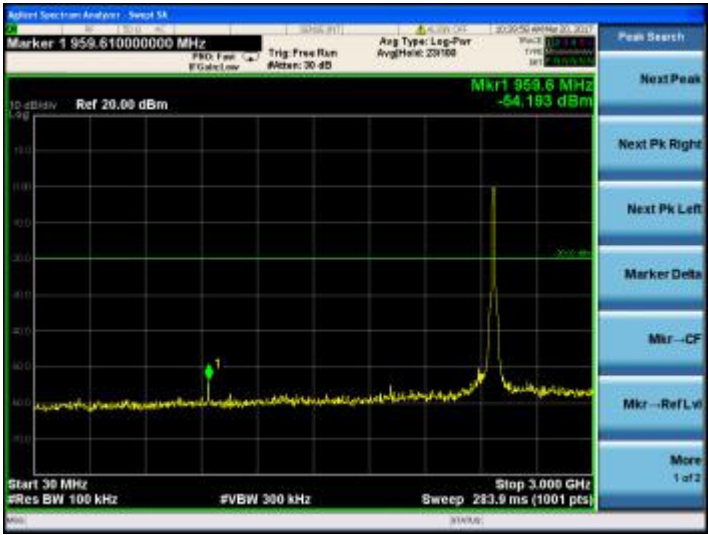
Test Mode:	802.11g	Test channel :	01
			
Channel 01			
			
9KHz~150KHz			
			
150KHz ~10MHz			

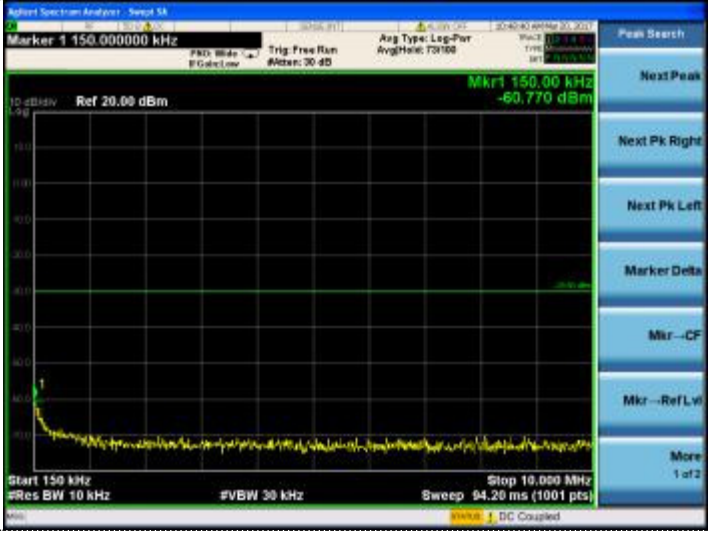
Test Mode:	802.11g	Test channel :	01
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

Test Mode:	802.11g	Test channel :	06
			
Channel 06			
			
9KHz~150KHz			
			
150KHz ~10MHz			

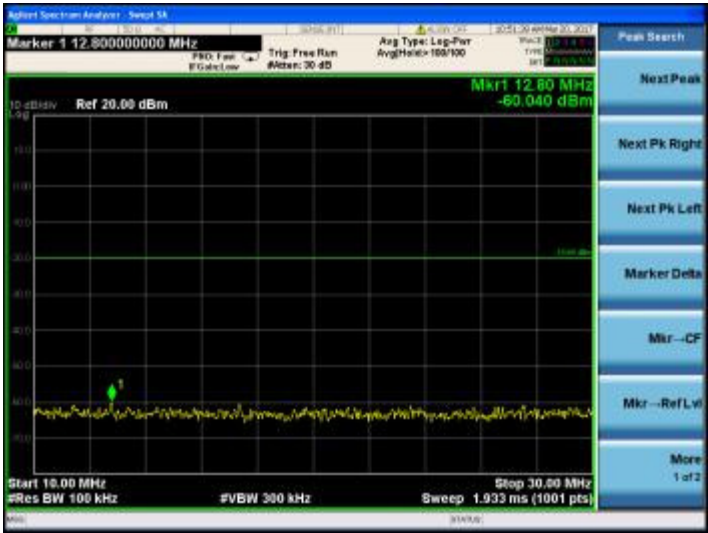
Test Mode:	802.11g	Test channel :	06
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

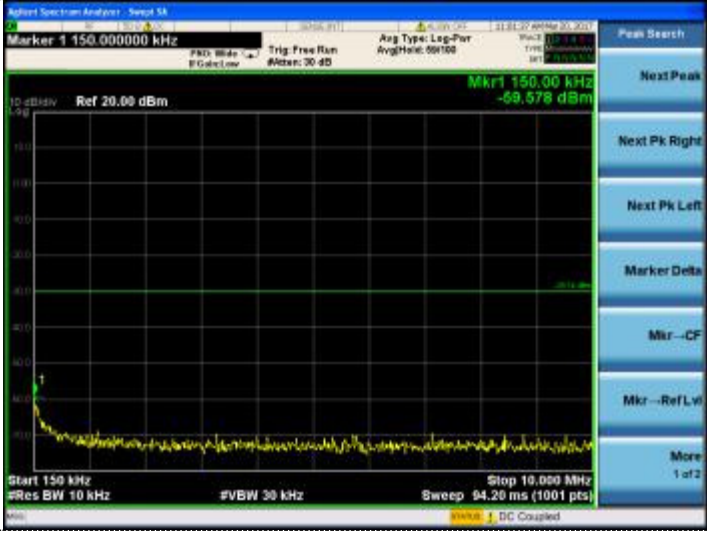
Test Mode:	802.11g	Test channel :	11
			
Channel 11			
			
9KHz~150KHz			
			
150KHz ~10MHz			

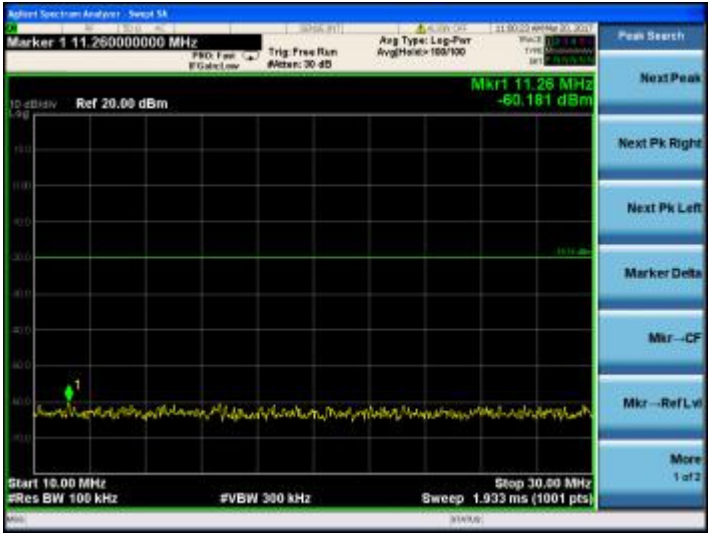
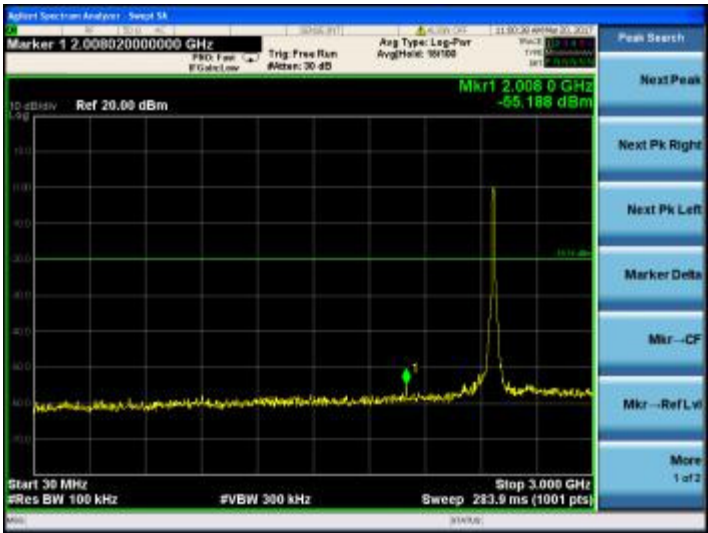
Test Mode:	802.11g	Test channel :	11
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

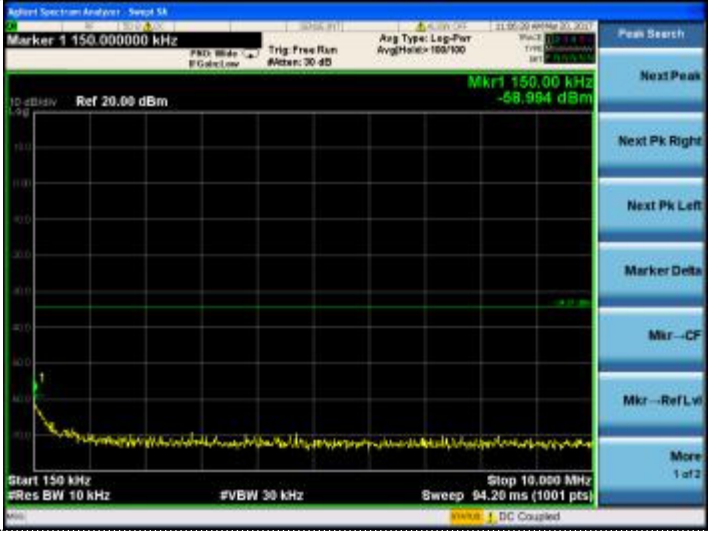
Test Mode:	802.11n HT20	Test channel :	01
			
Channel 01			
			
9KHz~150KHz			
			
150KHz ~10MHz			

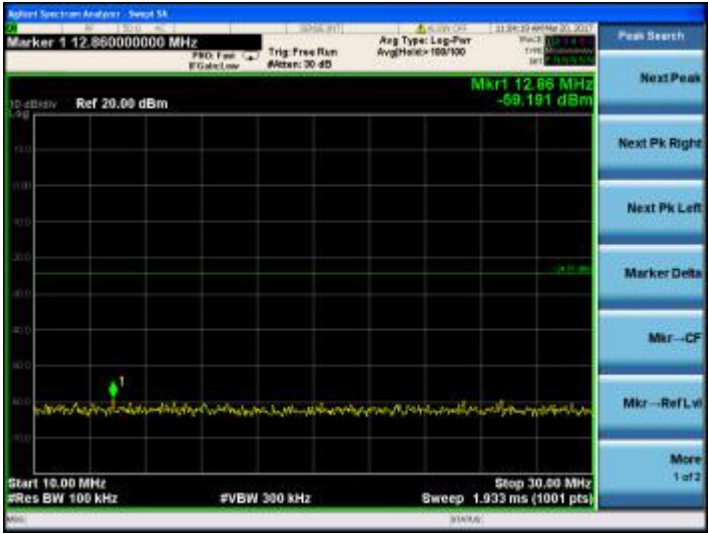
150KHz ~10MHz

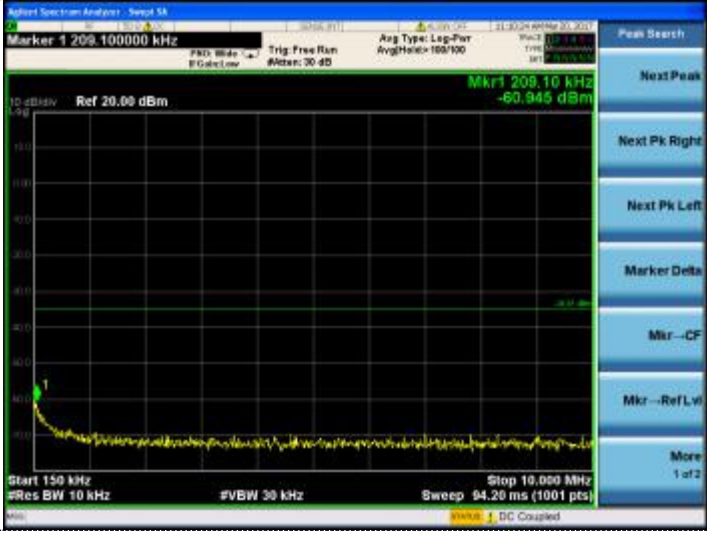
Test Mode:	802.11n HT20	Test channel :	06
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

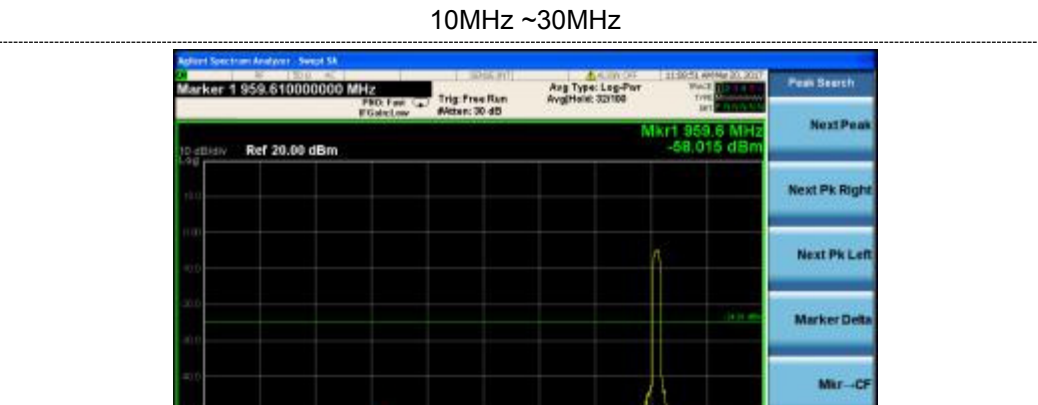
Test Mode:	802.11n HT20	Test channel :	11
			
Channel 11			
			
9KHz~150KHz			
			
150KHz ~10MHz			

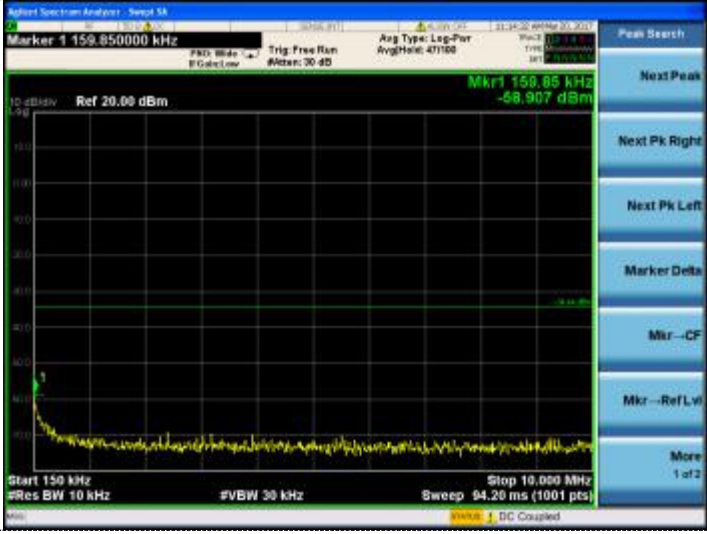
Test Mode:	802.11n HT20	Test channel :	11
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

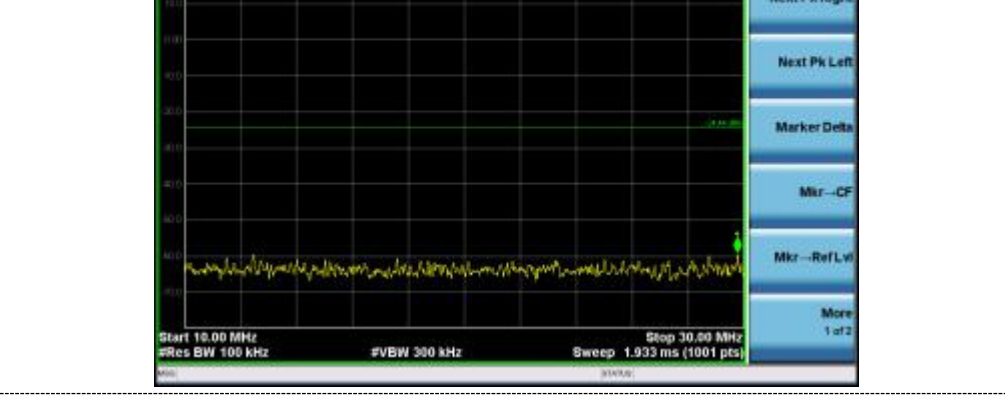
Test Mode:	802.11n HT40	Test channel :	03
			
Channel 03			
			
9KHz~150KHz			
			
150KHz ~10MHz			

Test Mode:	802.11n HT40	Test channel :	03
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

Test Mode:	802.11n HT40	Test channel :	06
			
Channel 06			
			
9KHz~150KHz			
			
150KHz ~10MHz			

Test Mode:	802.11n HT40	Test channel :	06
			
10MHz ~30MHz			
			
30MHz ~3GHz			
			
3GHz~25GHz			

Test Mode:	802.11n HT40	Test channel :	09
			
Channel 09			
			
9KHz~150KHz			
			
150KHz ~10MHz			

Test Mode:	802.11n HT40	Test channel :	09
 This screenshot shows a spectrum analyzer with a marker at 29.76 MHz and a power level of -59.650 dBm. The frequency range is from 10.00 MHz to 30.00 MHz. The signal is a noisy baseline with no significant peaks.			
10MHz ~30MHz			
 This screenshot shows a spectrum analyzer with a marker at 1.007130000000 GHz and a power level of -58.203 dBm. The frequency range is from 30 MHz to 3.000 GHz. A sharp, prominent peak is visible at the marked frequency.			
30MHz ~3GHz			
 This screenshot shows a spectrum analyzer with a marker at 24.560000000000 GHz and a power level of -45.006 dBm. The frequency range is from 3.00 GHz to 25.00 GHz. The signal is a noisy baseline with no significant peaks.			
3GHz~25GHz			

4.8. Antenna Requirement

Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.247 (c), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

Antenna Information

The antenna is FPC antenna, through the buckle stretched out, The directional gains of antenna used for transmitting is 1.06dBi.

WIFI
Antenna



5. Test Setup Photos of the EUT





6. External and Internal Photos of the EUT

External Photos





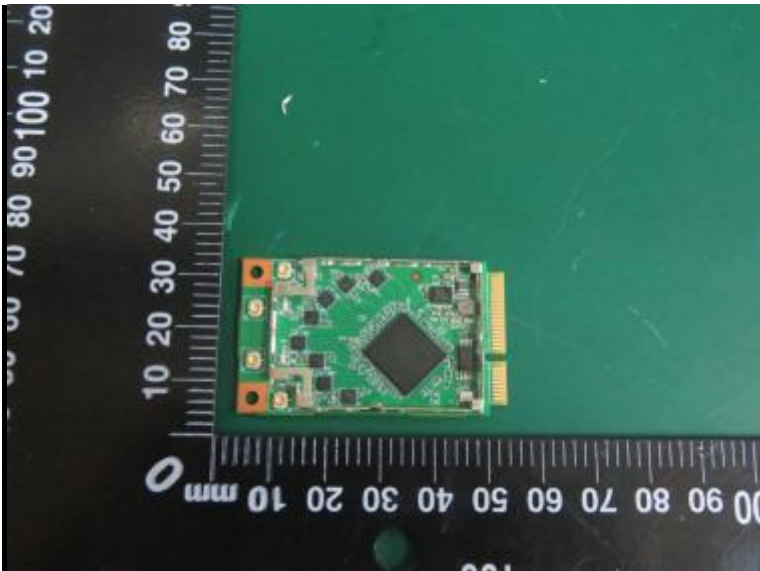


Internal Photos



WiFi Antenna





.....End of Report.....