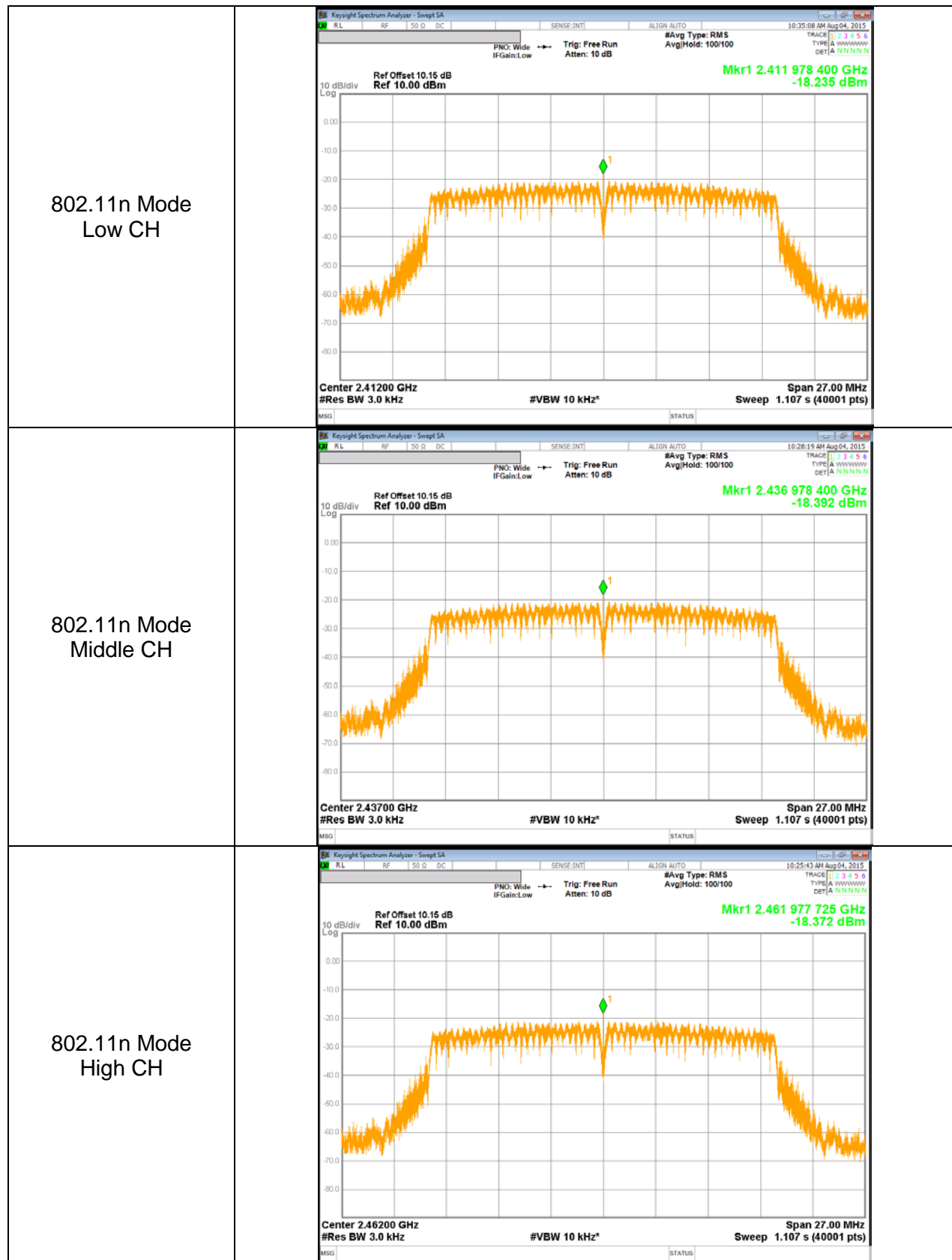


<p>802.11g Mode Low CH</p>	<p>KeySight Spectrum Analyzer - Swept SA          10:08:32 AM Aug 04, 2015          #Avg Type: RMS Avg/Hold: 100/100          PNO: Wide IFGain:Low Trig: Free Run Atten: 10 dB          Ref Offset 10.15 dB Ref 10.00 dBm          Mkr1 2.411 978 3 GHz -16.856 dBm          10 dB/div Log          Center 2.41200 GHz Span 25.50 MHz          #Res BW 3.0 kHz #VBW 10 kHz* Sweep 1.045 s (40001 pts)</p>
<p>802.11g Mode Middle CH</p>	<p>KeySight Spectrum Analyzer - Swept SA          10:20:20 AM Aug 04, 2015          #Avg Type: RMS Avg/Hold: 100/100          PNO: Wide IFGain:Low Trig: Free Run Atten: 10 dB          Ref Offset 10.15 dB Ref 10.00 dBm          Mkr1 2.436 978 3 GHz -16.222 dBm          10 dB/div Log          Center 2.43700 GHz Span 25.50 MHz          #Res BW 3.0 kHz #VBW 10 kHz* Sweep 1.045 s (40001 pts)</p>
<p>802.11g Mode High CH</p>	<p>KeySight Spectrum Analyzer - Swept SA          10:22:58 AM Aug 04, 2015          #Avg Type: RMS Avg/Hold: 100/100          PNO: Wide IFGain:Low Trig: Free Run Atten: 10 dB          Ref Offset 10.15 dB Ref 10.00 dBm          Mkr1 2.461 978 3 GHz -16.858 dBm          10 dB/div Log          Center 2.46200 GHz Span 25.50 MHz          #Res BW 3.0 kHz #VBW 10 kHz* Sweep 1.045 s (40001 pts)</p>



## 10.5. OUT-OF-BAND EMISSIONS

### LIMITS

FCC §15.247 (d)

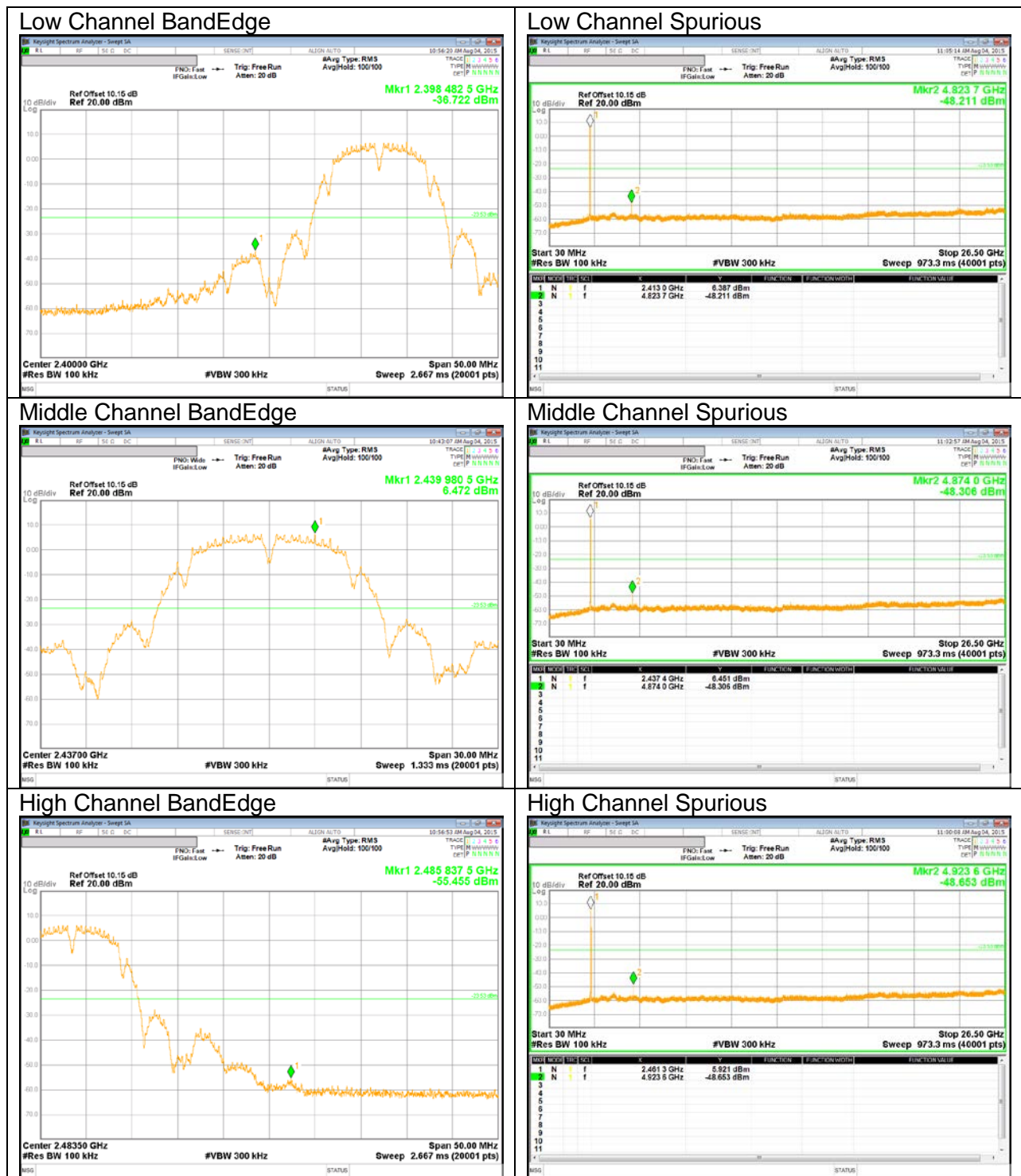
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the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

### TEST PROCEDURE

The transmitter output is connected to a spectrum analyzer with RBW = 100 kHz, VBW = 300 kHz, peak detector, and max hold. Measurements utilizing these settings are made of the in-band reference level, bandedge (where measurements to the general radiated limits will not be made) and out-of-band emissions.

**RESULTS**

**10.5.1. 802.11b MODE IN THE 2.4 GHZ BAND**



## 10.5.2. 802.11g MODE IN THE 2.4 GHz BAND

