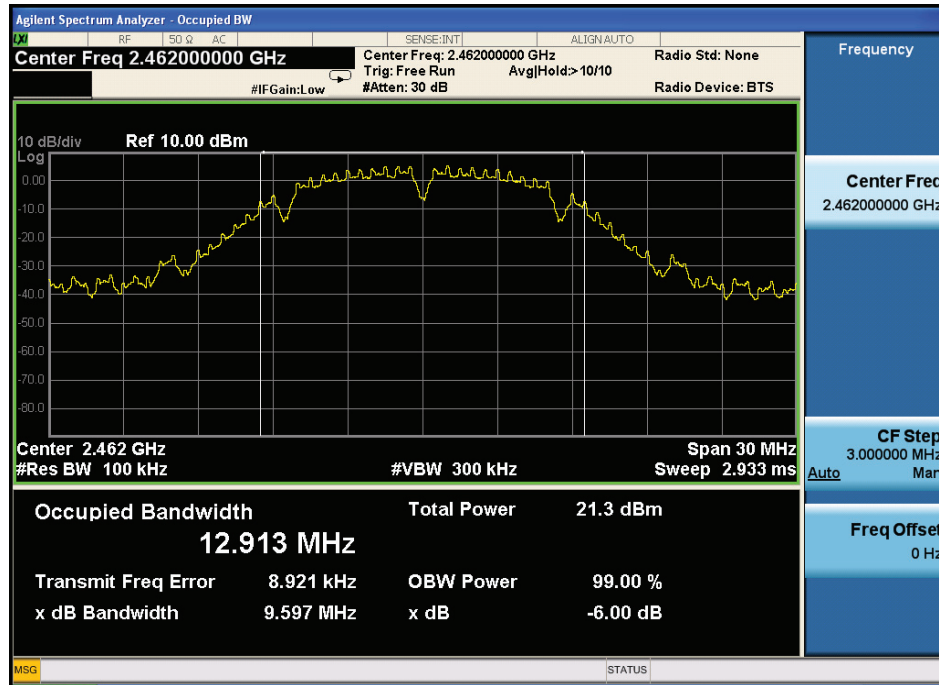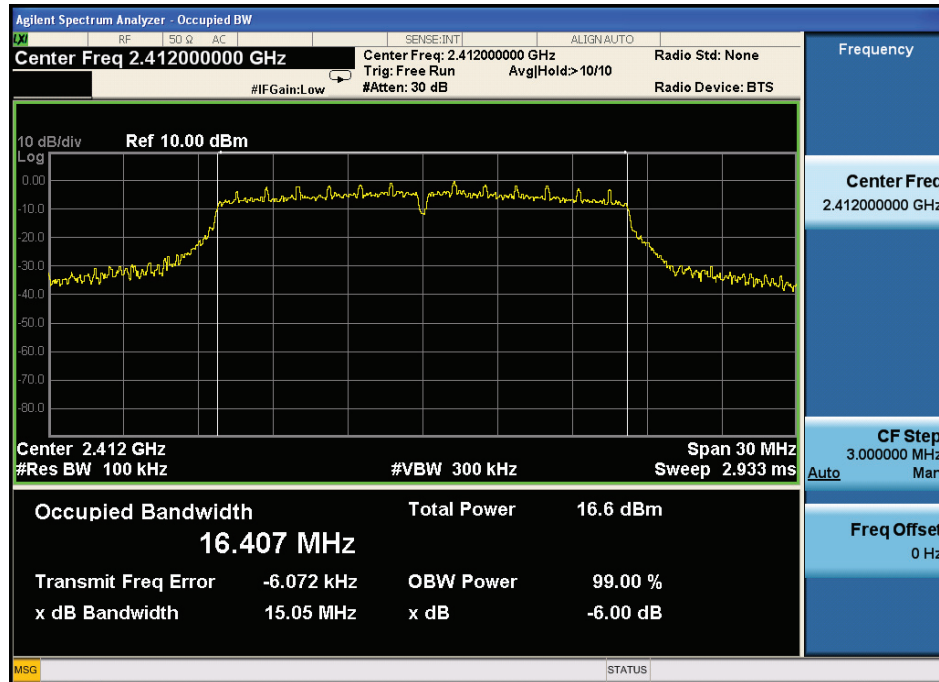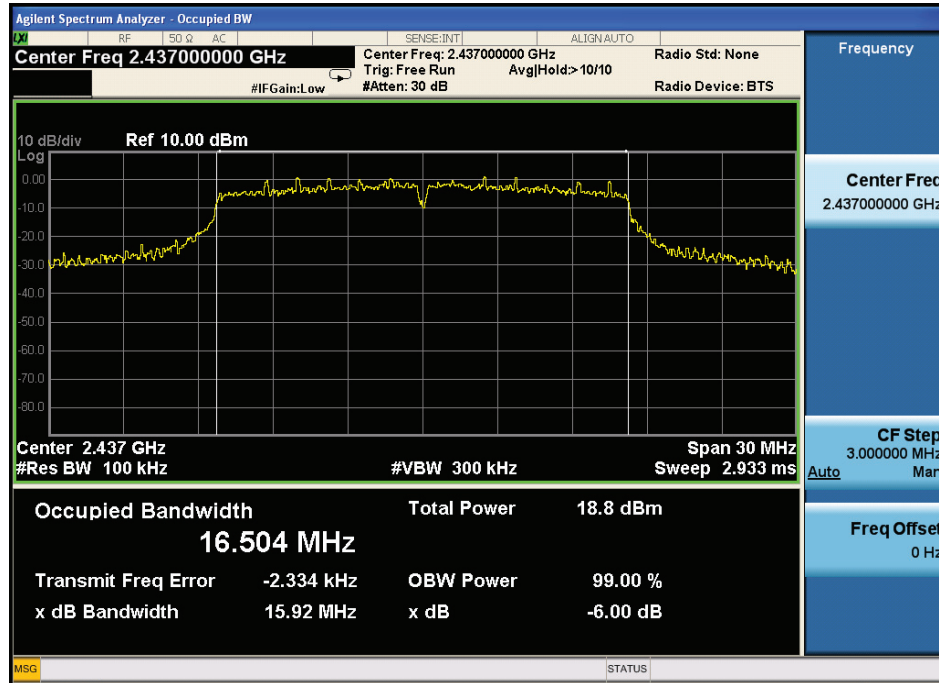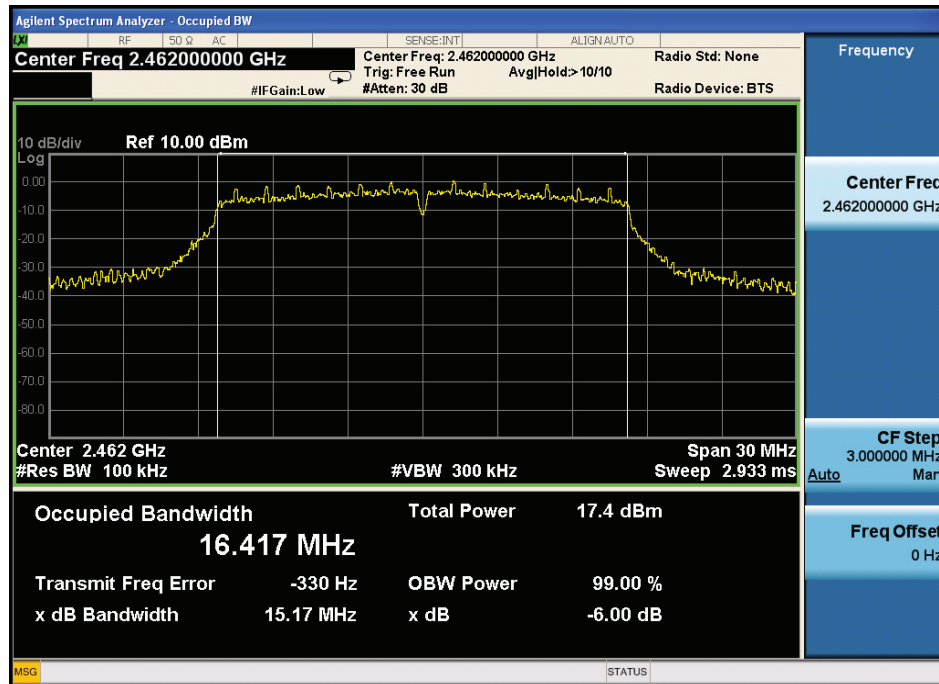CH High :

IEEE 802.11g:
CH Low :

CH Mid:

CH Hig:

IEEE 802.11n HT20:
CH Low :
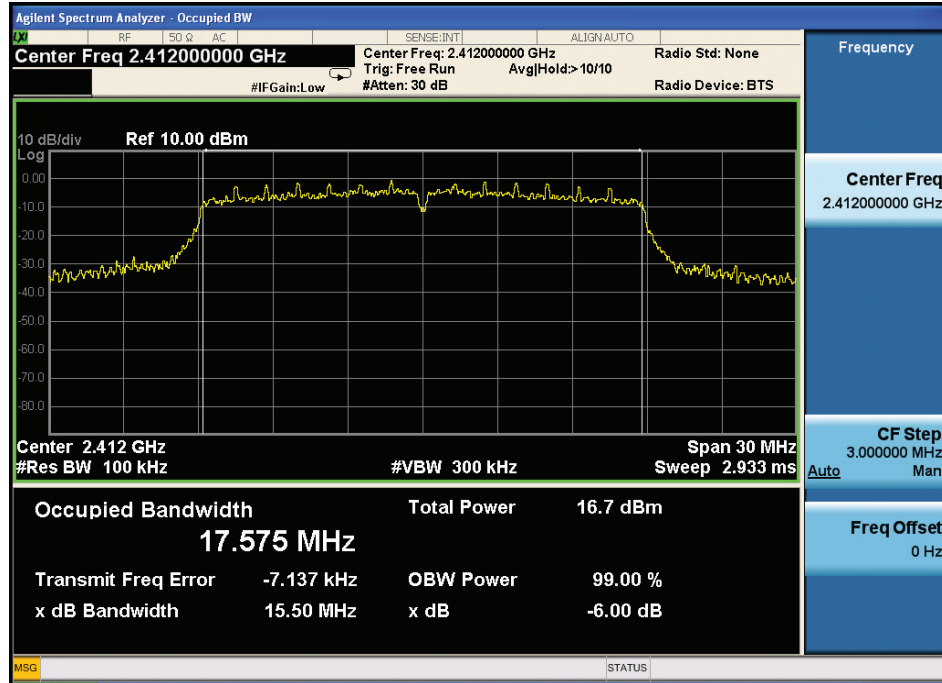
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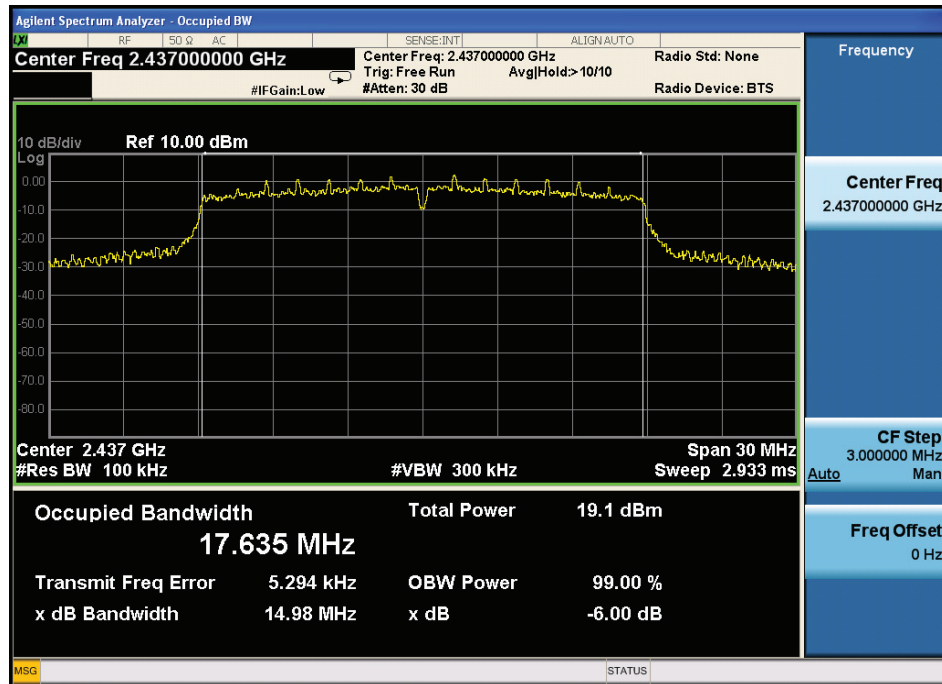
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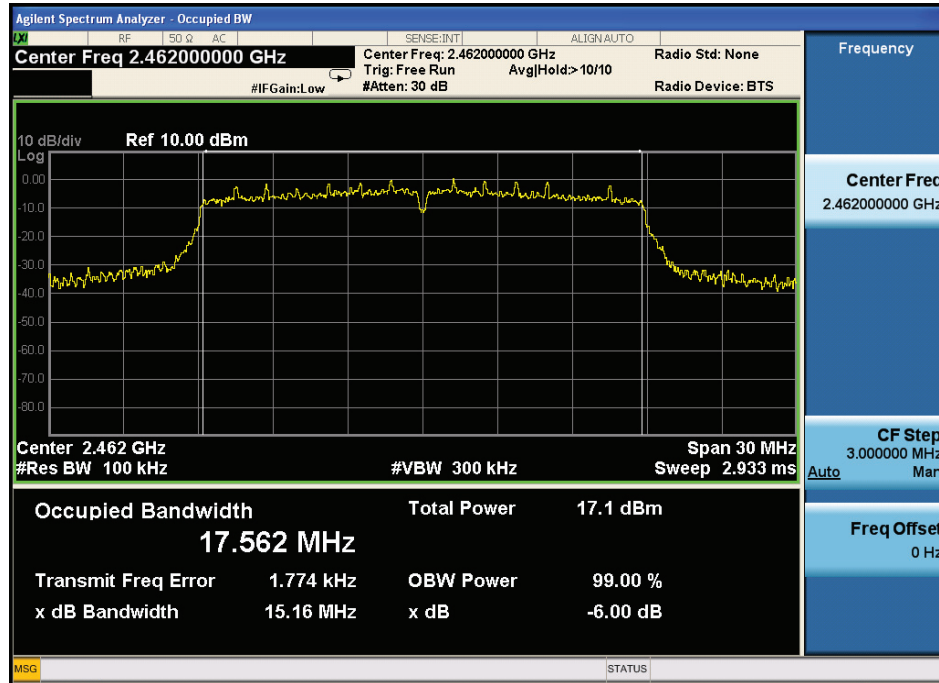
IEEE 802.11n/HT40:
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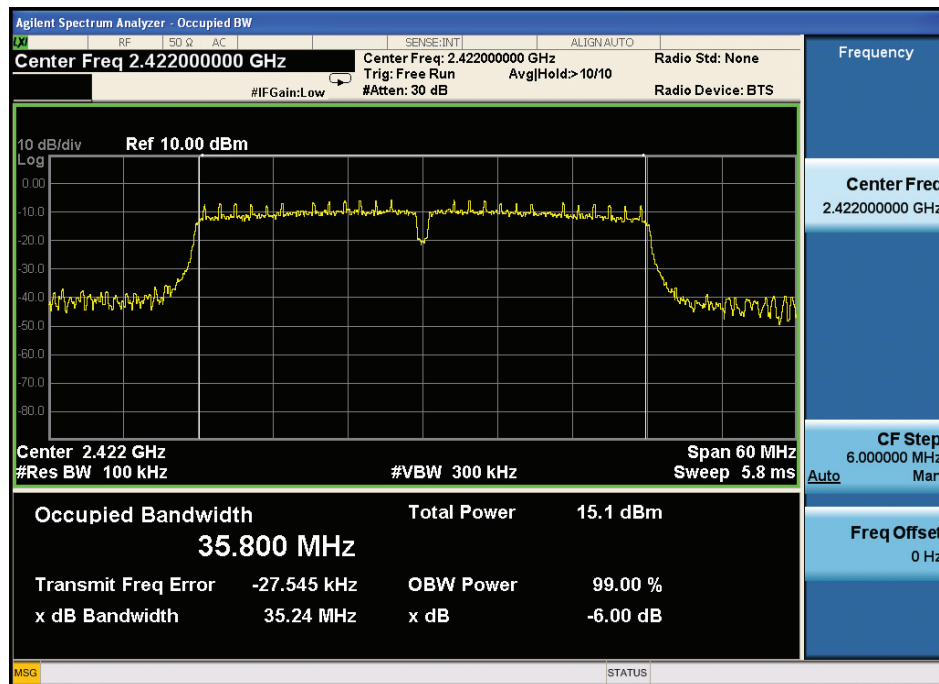
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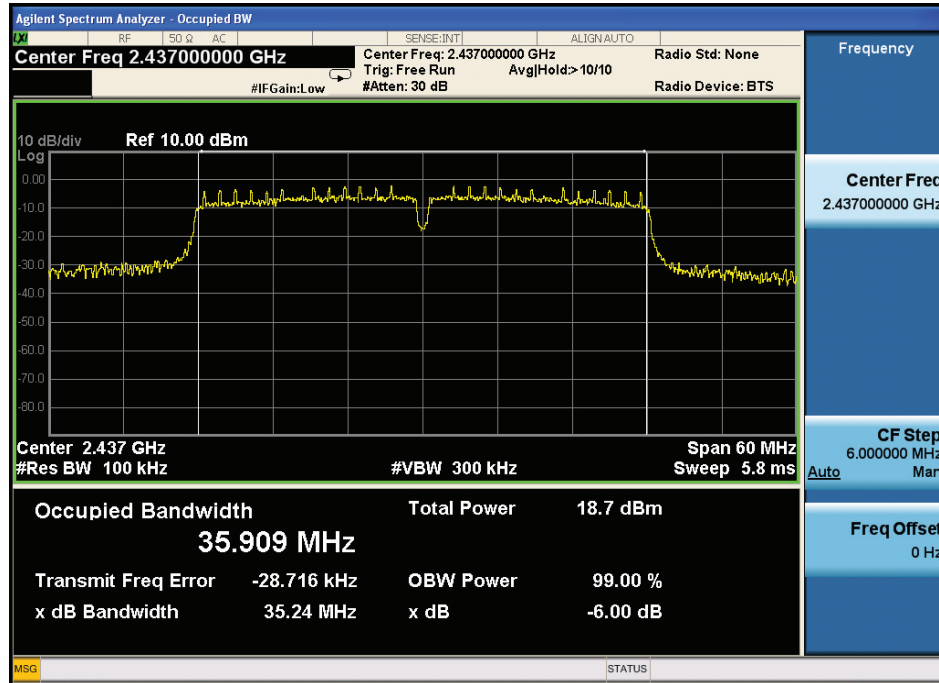
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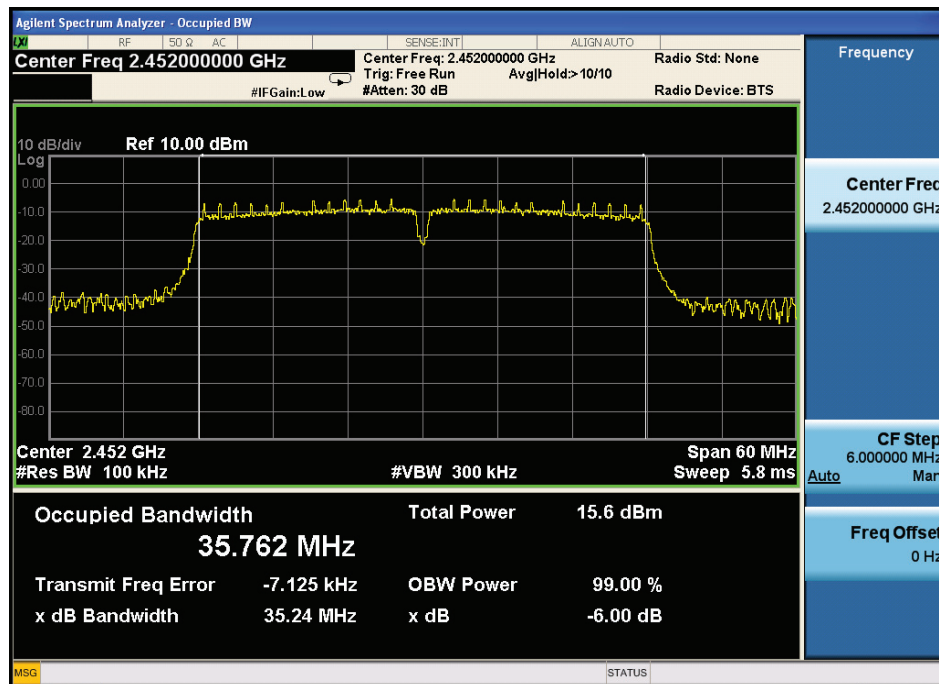
10 Band Edge Check

10.1   Test limit
Please refer section RSS-GEN&15.247.

10.2   Test Procedure
12.2.1   Put the EUT on a 0.8m high table, power on the EUT. Emissions were scanned and measured rotating the EUT to 360 degrees, Find the maximum Emission

12.2.2   Check the spurious emissions out of band.

12.2.3   RBW 1MHz ,VBW 3MHz ,peak detector for peak value , RBW 1MHz ,VBW 3MHz ,RMS detector for AV value.

10.3   Test Setup
Same as 5.2.2.

10.4   Test Result
PASS.
Detailed information please see the following page.

Radiated Method:
802.11b ant1

Band Edge Test result								
EUT: Circle			M/N: Circle Version 1					
Power: DC 5V From adapter								
Test date: 2015-10-10 Test site: 3m Chamber Tested by: Eric Huang								
Test mode: Tx Low								
Antenna polarity: Vertical								
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2390	40.59	27.62	3.92	34.97	37.16	74	36.84	**PK**
--	--	--	--	--	--	--	--	--
Antenna Polarity: Horizontal								
2390	40.72	27.62	3.92	34.97	37.29	74	36.71	**PK**
--	--	--	--	--	--	--	--	--
Note: 1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK 2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS 3, Result = Read level + Antenna factor + cable loss-Amp factor 4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.								

Band Edge Test result									
EUT: Circle			M/N: Circle Version 1						
Power: DC 5V From adapter									
Test date: 2015-10-10 Test site: 3m Chamber Tested by: Eric Huang									
Test mode: Tx High									
Antenna polarity: Vertical									
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	
2483.5	40.72	27.89	4	34.97	37.64	74	36.36	**PK**	
--	--	--	--	--	--	--	--	--	
Antenna Polarity: Horizontal									
2483.5	42.2	27.89	4	34.97	39.12	74	34.88	**PK**	
--	--	--	--	--	--	--	--	--	

Note:
1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS
3, Result = Read level + Antenna factor + cable loss-Amp factor
4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.

802.11g ant1

Band Edge Test result								
EUT: Circle M/N: Circle Version 1								
Power: DC 5V From adapter								
Test date: 2015-10-10 Test site: 3m Chamber Tested by: Eric Huang								
Test mode: Tx Low								
Antenna polarity: Vertical								
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2390	47.19	27.62	3.92	34.97	43.76	74	30.24	**PK**
--	--	--	--	--	--	--	--	--
Antenna Polarity: Horizontal								
2390	47.56	27.62	3.92	34.97	44.13	74	29.87	**PK**
--	--	--	--	--	--	--	--	--
Note:
1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS
3, Result = Read level + Antenna factor + cable loss-Amp factor
4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.								

Band Edge Test result								
EUT: Circle M/N: Circle Version 1								
Power: DC 5V From adapter								
Test date: 2015-10-10 Test site: 3m Chamber Tested by: Eric Huang								
Test mode: Tx High								
Antenna polarity: Vertical								
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2483.5	43.79	27.89	4	34.97	40.71	74	33.29	**PK**
--	--	--	--	--	--	--	--	--
Antenna Polarity: Horizontal								
2483.5	46.18	27.89	4	34.97	43.1	74	30.9	**PK**
--	--	--	--	--	--	--	--	--

Note:
1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS
3, Result = Read level + Antenna factor + cable loss-Amp factor
4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.