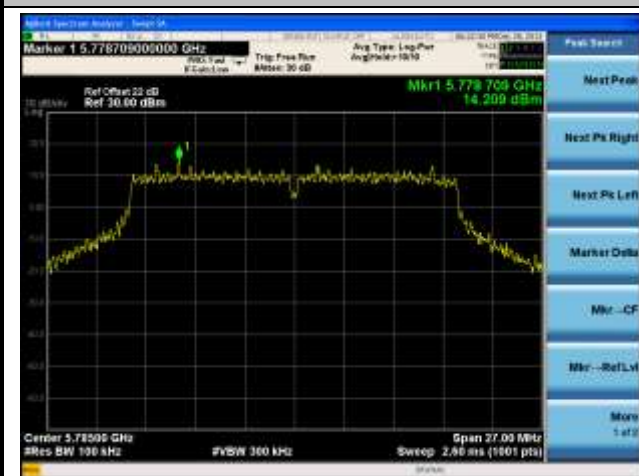
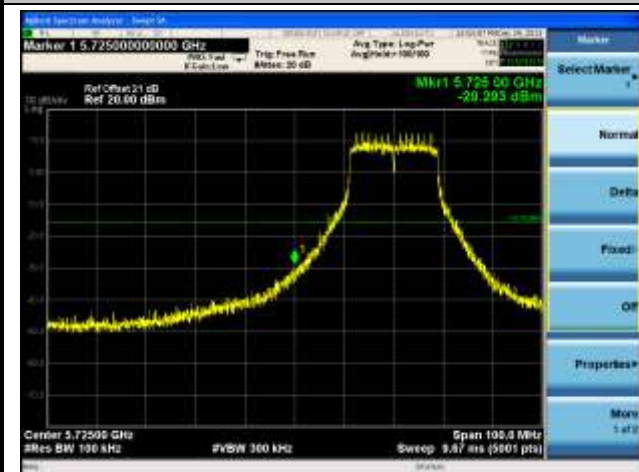


802.11n-HT20 Out-of-Band Emissions 100kHz PSD reference Level



Channel 149 (5745MHz) – Chain 2 / Chain 1 + 2 + 3

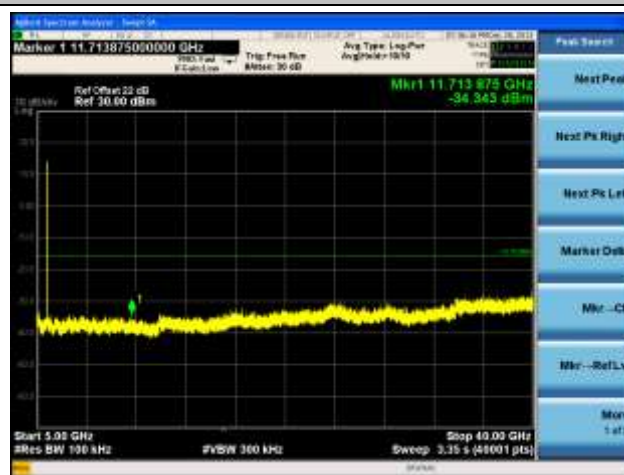
Low Band Edge



Spurious Emission 30MHz ~ 6GHz

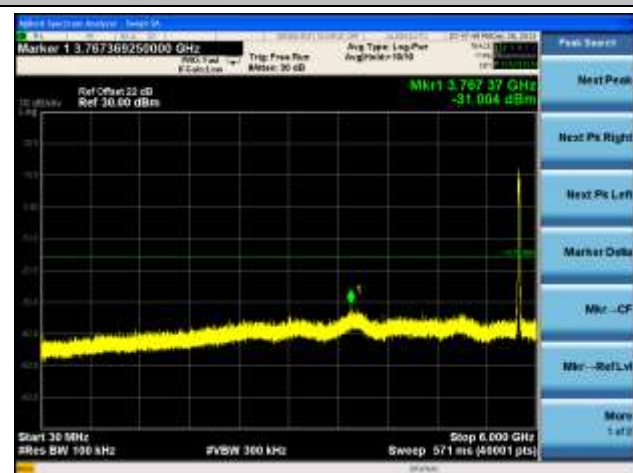


Spurious Emission 5GHz ~ 40GHz

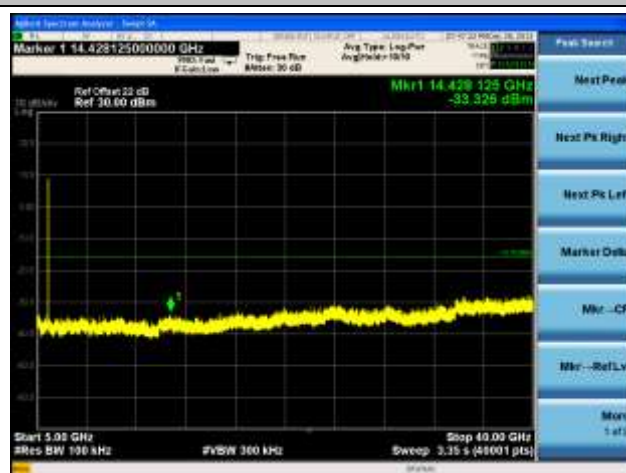


Channel 157 (5785MHz) – Chain 2 / Chain 1 + 2 + 3

Spurious Emission 30MHz ~ 6GHz

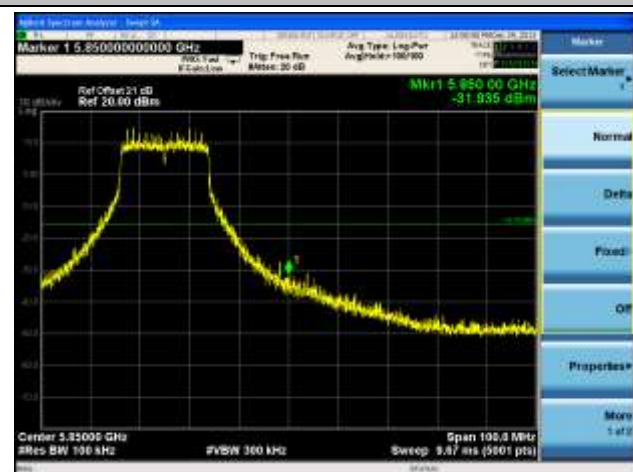


Spurious Emission 5GHz ~ 40GHz



Channel 165 (5825MHz) – Chain 2 / Chain 1 + 2 + 3

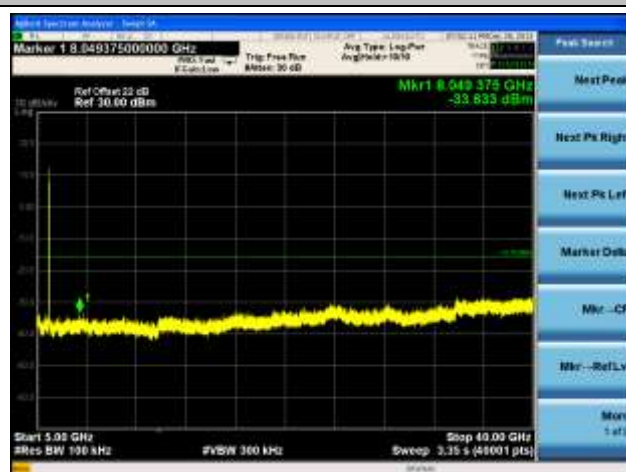
High Band Edge



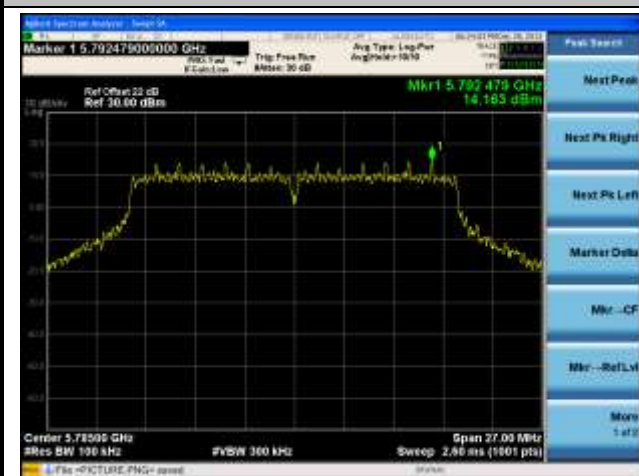
Spurious Emission 30MHz ~ 6GHz



Spurious Emission 5GHz ~ 40GHz

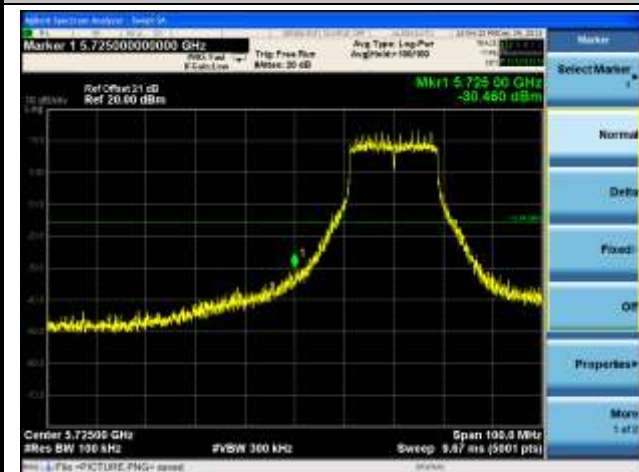


802.11n-HT20 Out-of-Band Emissions 100kHz PSD reference Level



Channel 149 (5745MHz) – Chain 3 / Chain 1 + 2 + 3

Low Band Edge



Spurious Emission 30MHz ~ 6GHz



Spurious Emission 5GHz ~ 40GHz

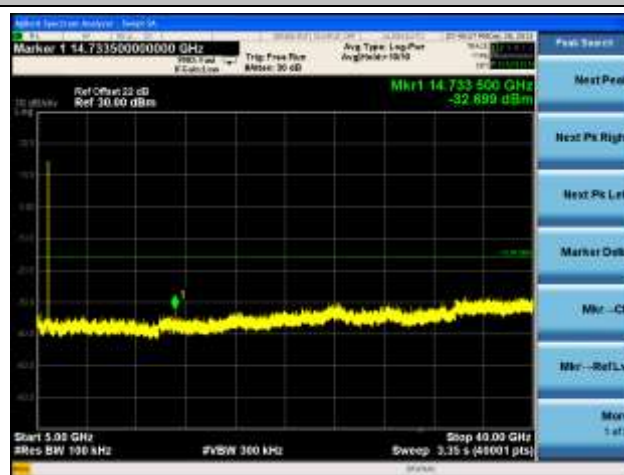


Channel 157 (5785MHz) – Chain 3 / Chain 1 + 2 + 3

Spurious Emission 30MHz ~ 6GHz

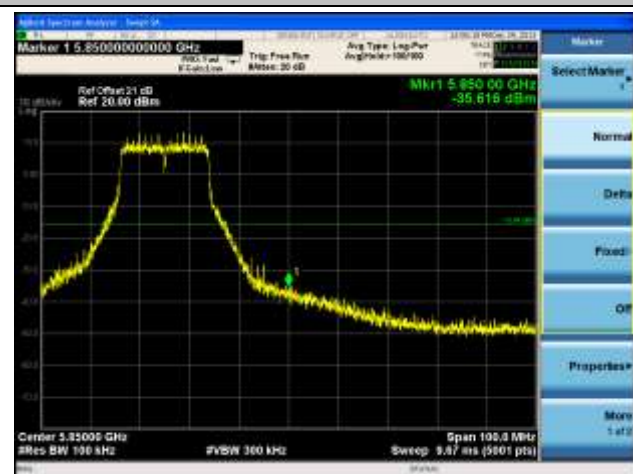


Spurious Emission 5GHz ~ 40GHz



Channel 165 (5825MHz) – Chain 3 / Chain 1 + 2 + 3

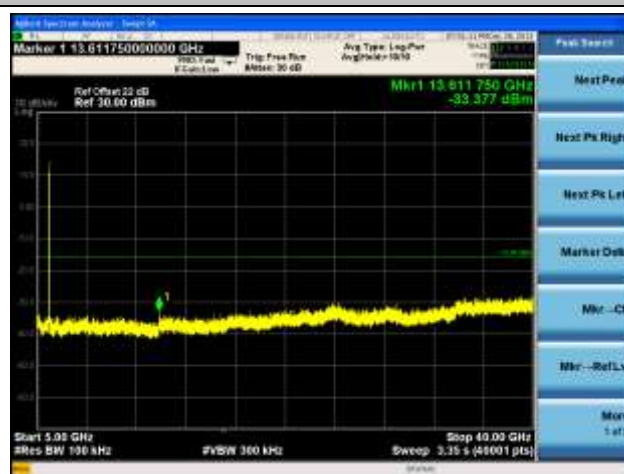
High Band Edge



Spurious Emission 30MHz ~ 6GHz



Spurious Emission 5GHz ~ 40GHz



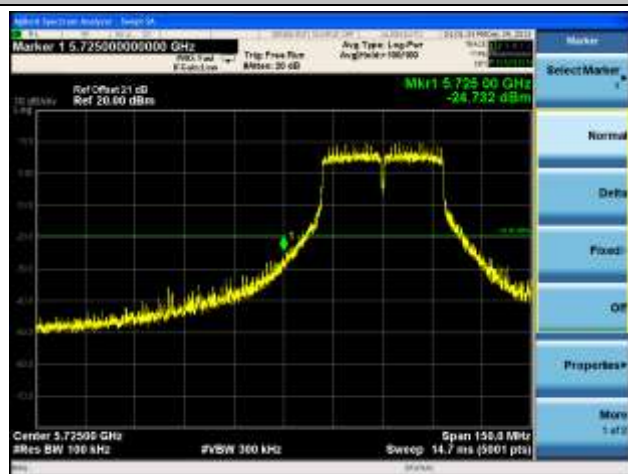
Test Mode	N _{TX}	Data Rate	Channel No.	Frequency (MHz)	Limit	Result
802.11n-HT40	3	40.5/45Mbps	151	5755	30dBc	Pass
802.11n-HT40	3	40.5/45Mbps	159	5795	30dBc	Pass

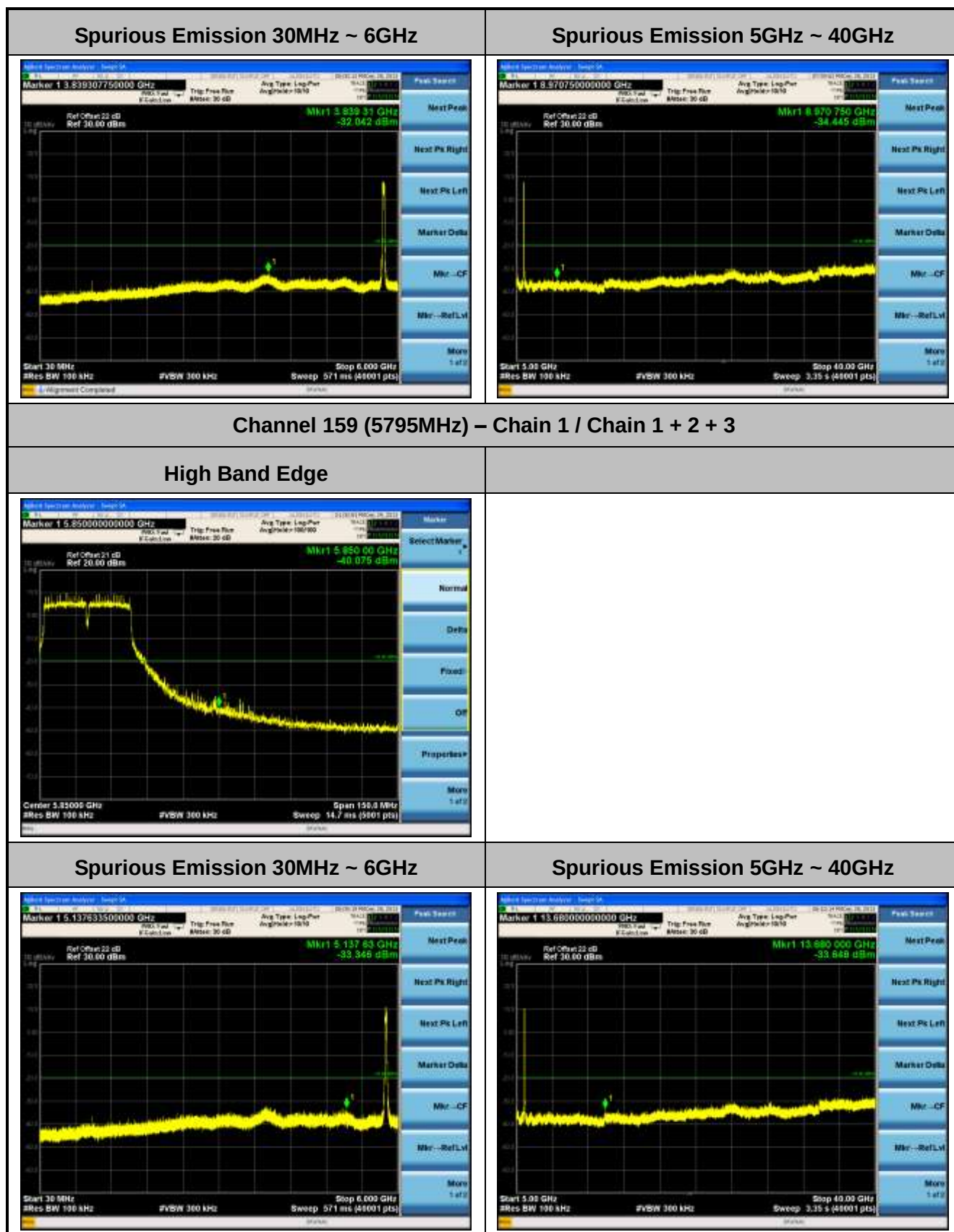
802.11n-HT40 Out-of-Band Emissions 100kHz PSD reference Level



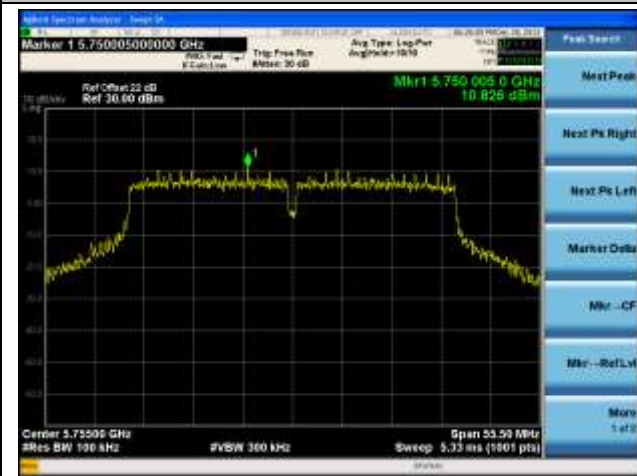
Channel 151 (5755MHz) – Chain 1 / Chain 1 + 2 + 3

Low Band Edge



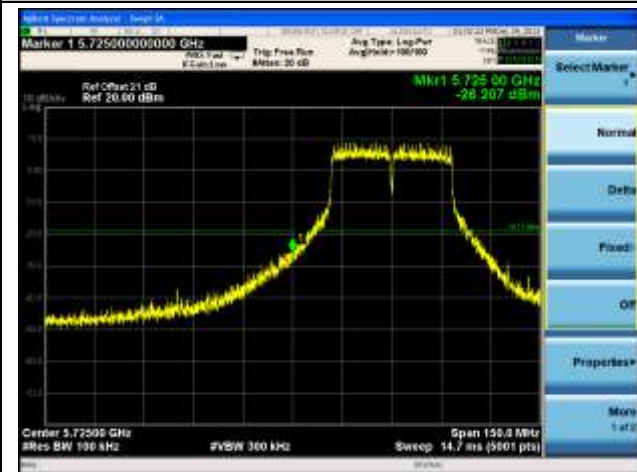


802.11n-HT40 Out-of-Band Emissions 100kHz PSD reference Level

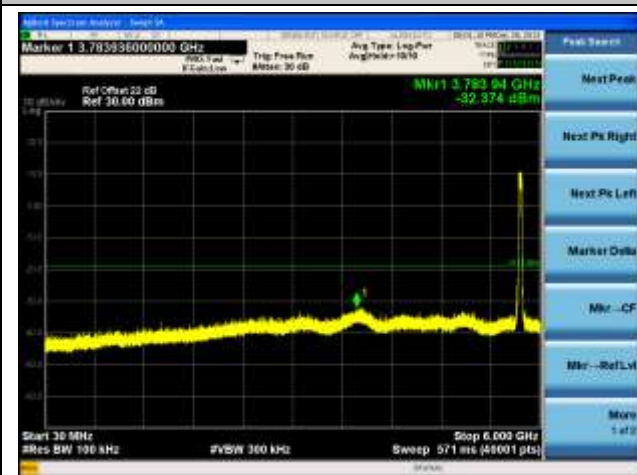


Channel 151 (5755MHz) – Chain 2 / Chain 1 + 2 + 3

Low Band Edge



Spurious Emission 30MHz ~ 6GHz

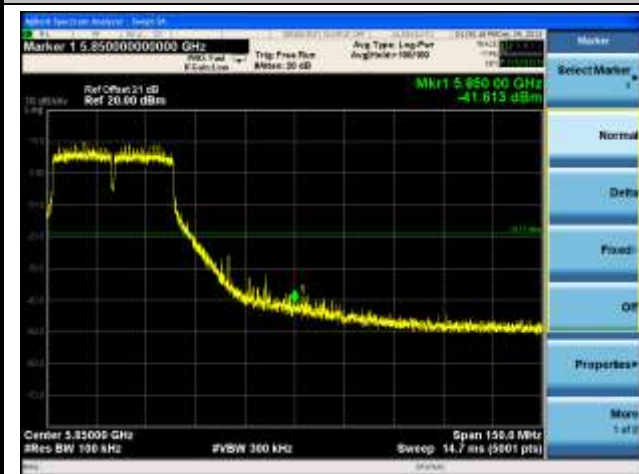


Spurious Emission 5GHz ~ 40GHz



Channel 159 (5795MHz) – Chain 2 / Chain 1 + 2 + 3

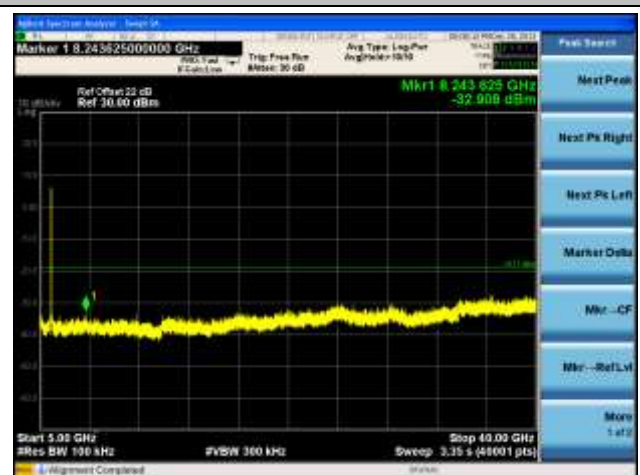
High Band Edge



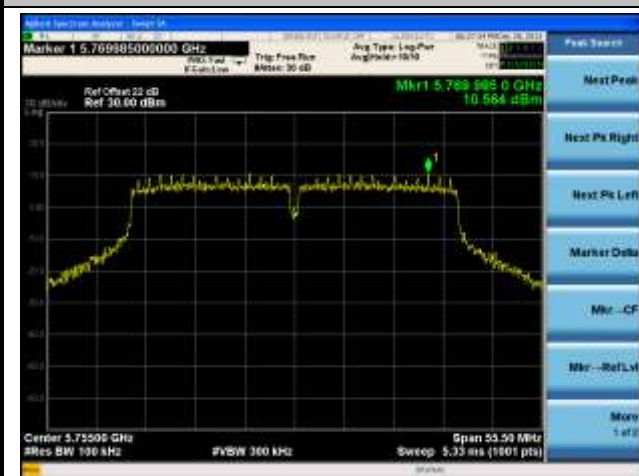
Spurious Emission 30MHz ~ 6GHz



Spurious Emission 5GHz ~ 40GHz

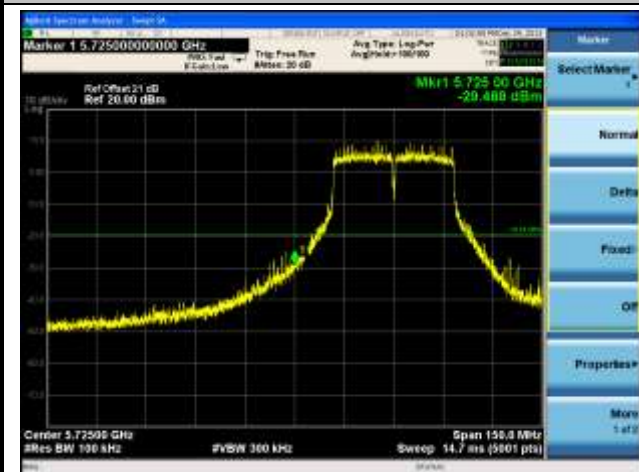


802.11n-HT40 Out-of-Band Emissions 100kHz PSD reference Level

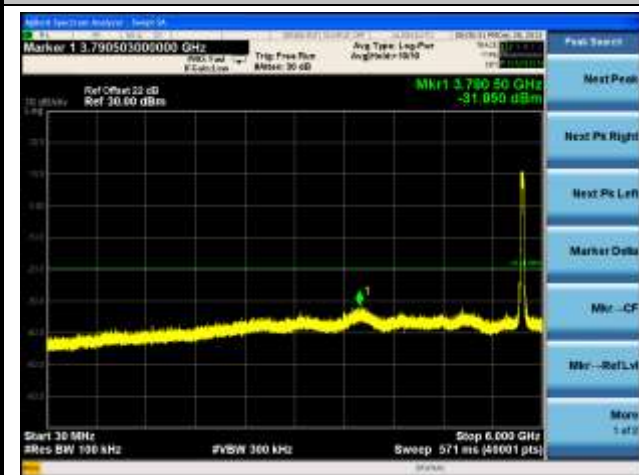


Channel 151 (5755MHz) – Chain 3 / Chain 1 + 2 + 3

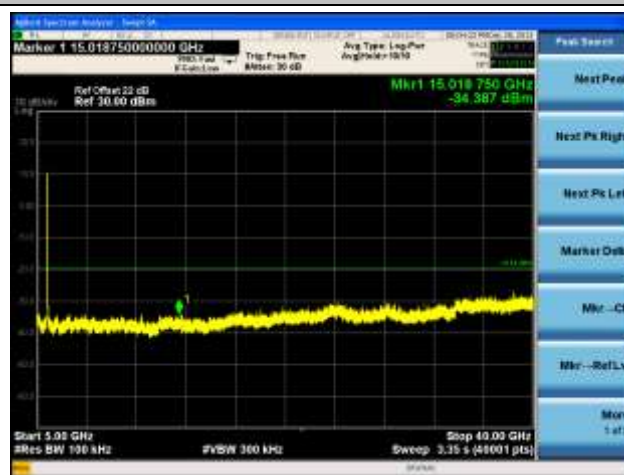
Low Band Edge



Spurious Emission 30MHz ~ 6GHz

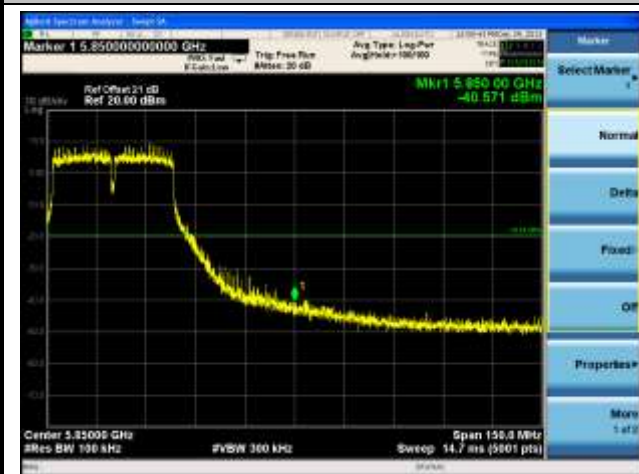


Spurious Emission 5GHz ~ 40GHz



Channel 159 (5795MHz) – Chain 3 / Chain 1 + 2 + 3

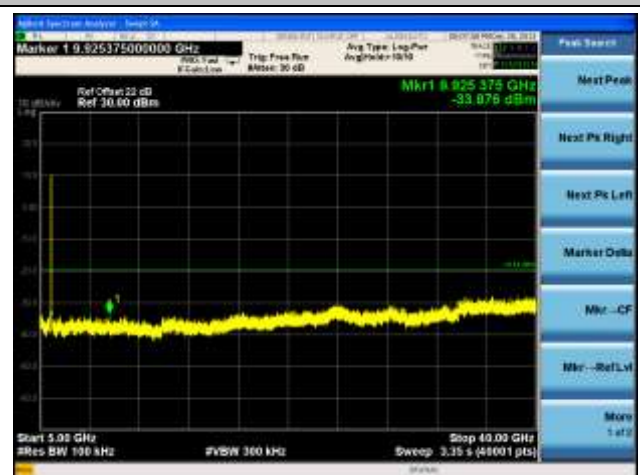
High Band Edge



Spurious Emission 30MHz ~ 6GHz



Spurious Emission 5GHz ~ 40GHz



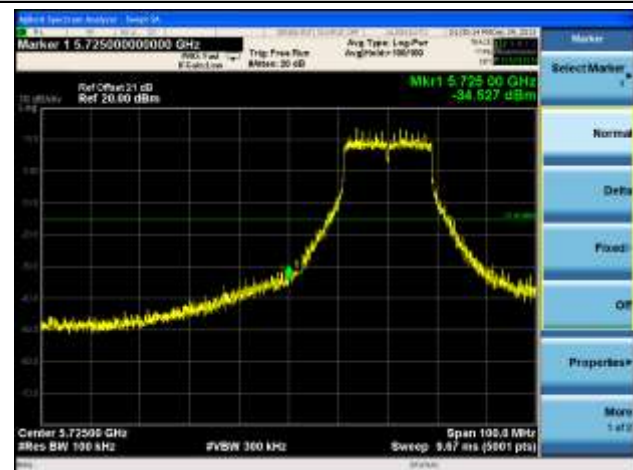
Test Mode	N _{Tx}	Data Rate	Channel No.	Frequency (MHz)	Limit	Result
802.11ac-VHT20	3	19.5/21.7Mbps	149	5745	30dBc	Pass
802.11ac-VHT20	3	19.5/21.7Mbps	157	5785	30dBc	Pass
802.11ac-VHT20	3	19.5/21.7Mbps	165	5825	30dBc	Pass

802.11ac-VHT20 Out-of-Band Emissions 100kHz PSD reference Level



Channel 149 (5745MHz) – Chain 1 / Chain 1 + 2 + 3

Low Band Edge



Spurious Emission 30MHz ~ 6GHz



Spurious Emission 5GHz ~ 40GHz



Channel 157 (5785MHz) – Chain 1 / Chain 1 + 2 + 3

Spurious Emission 30MHz ~ 6GHz

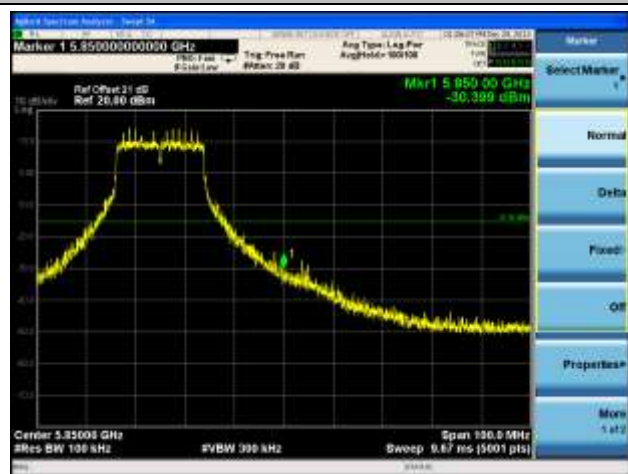


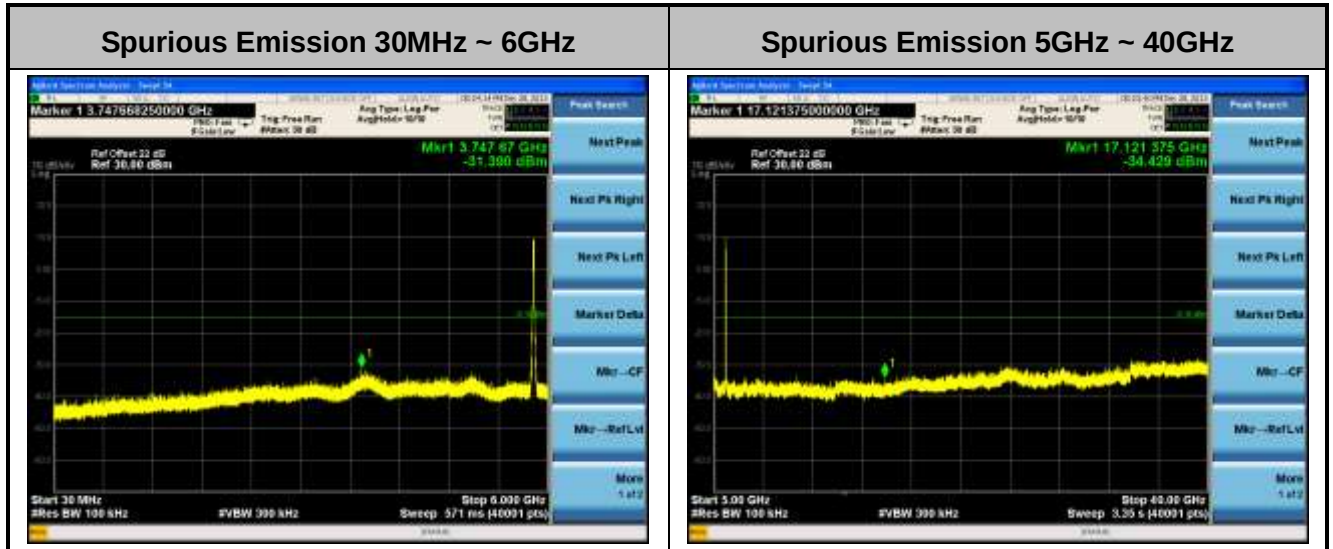
Spurious Emission 5GHz ~ 40GHz



Channel 165 (5825MHz) – Chain 1 / Chain 1 + 2 + 3

High Band Edge



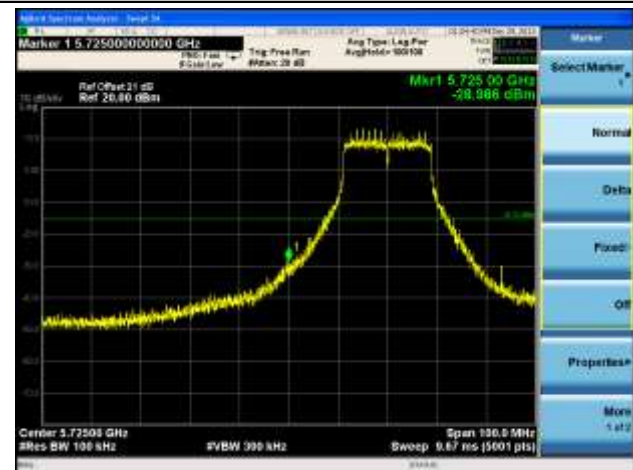


802.11ac-VHT20 Out-of-Band Emissions 100kHz PSD reference Level



Channel 149 (5745MHz) – Chain 2 / Chain 1 + 2 + 3

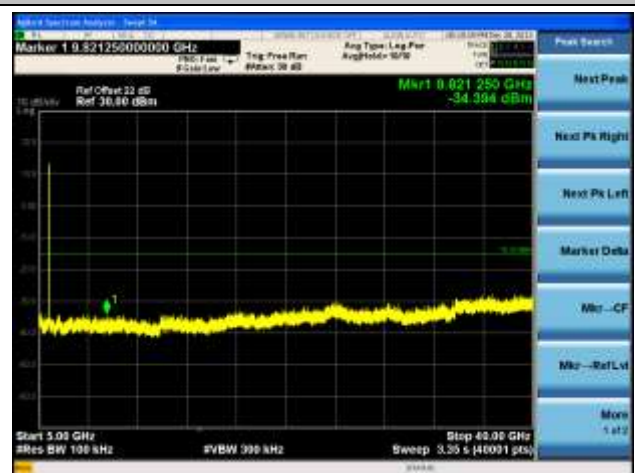
Low Band Edge



Spurious Emission 30MHz ~ 6GHz



Spurious Emission 5GHz ~ 40GHz



Channel 157 (5785MHz) – Chain 2 / Chain 1 + 2 + 3

Spurious Emission 30MHz ~ 6GHz

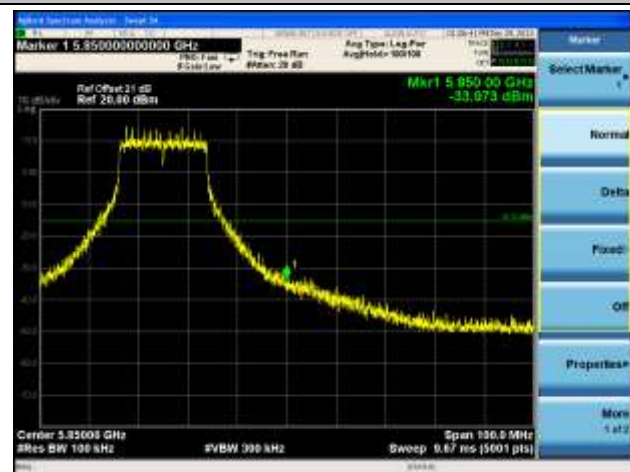


Spurious Emission 5GHz ~ 40GHz



Channel 165 (5825MHz) – Chain 2 / Chain 1 + 2 + 3

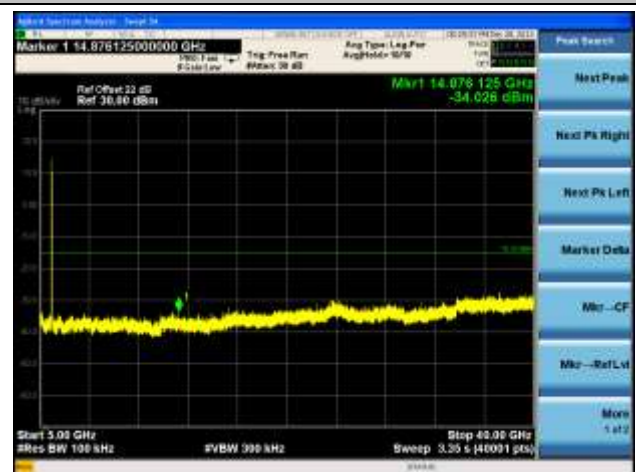
High Band Edge



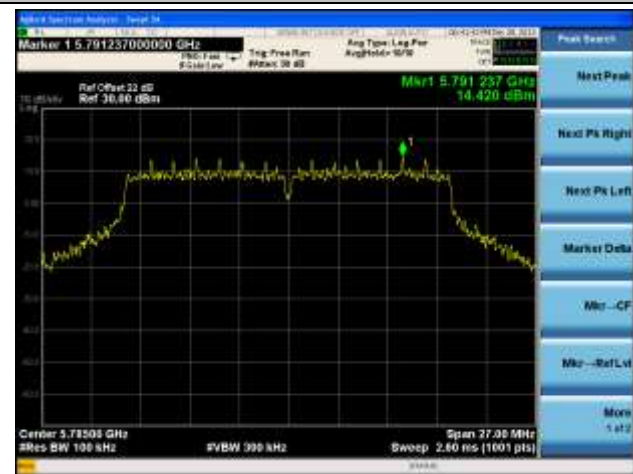
Spurious Emission 30MHz ~ 6GHz



Spurious Emission 5GHz ~ 40GHz

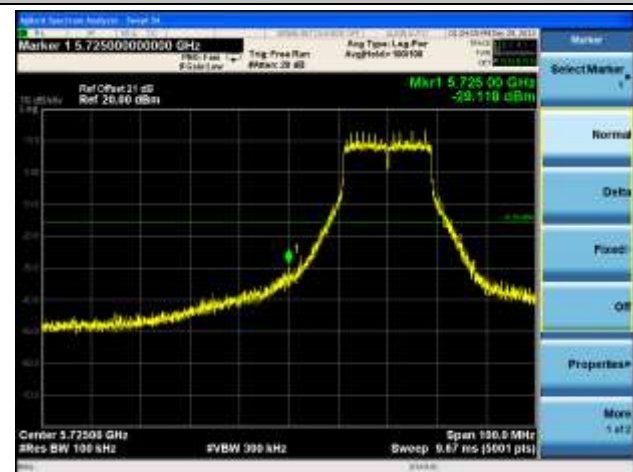


802.11ac-VHT20 Out-of-Band Emissions 100kHz PSD reference Level



Channel 149 (5745MHz) – Chain 3 / Chain 1 + 2 + 3

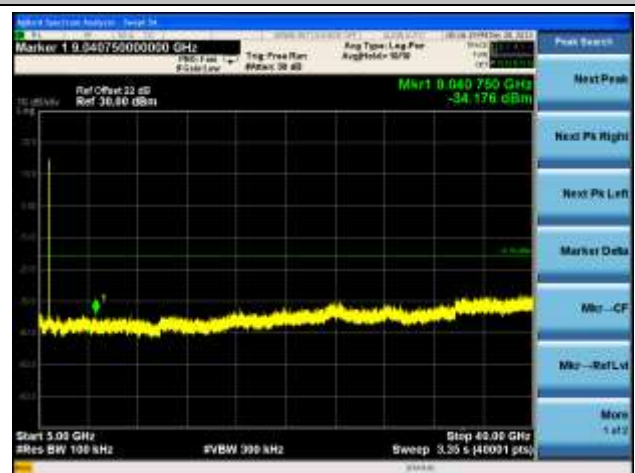
Low Band Edge



Spurious Emission 30MHz ~ 6GHz



Spurious Emission 5GHz ~ 40GHz



Channel 157 (5785MHz) – Chain 3 / Chain 1 + 2 + 3

Spurious Emission 30MHz ~ 6GHz

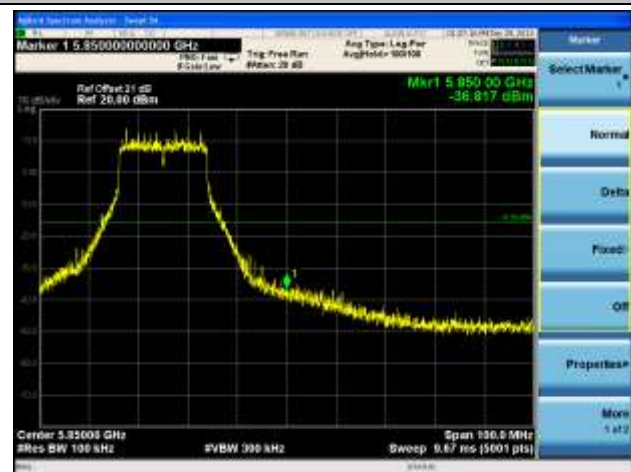


Spurious Emission 5GHz ~ 40GHz



Channel 165 (5825MHz) – Chain 3 / Chain 1 + 2 + 3

High Band Edge



Spurious Emission 30MHz ~ 6GHz



Spurious Emission 5GHz ~ 40GHz



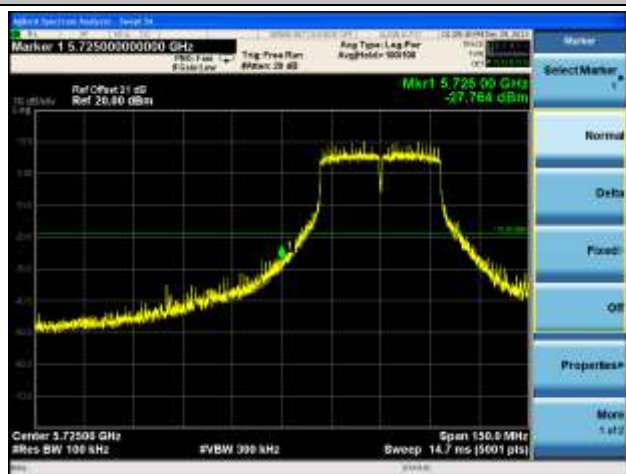
Test Mode	N _{TX}	Data Rate	Channel No.	Frequency (MHz)	Limit	Result
802.11ac-VHT40	3	40.5/45Mbps	151	5755	30dBc	Pass
802.11ac-VHT40	3	40.5/45Mbps	159	5795	30dBc	Pass

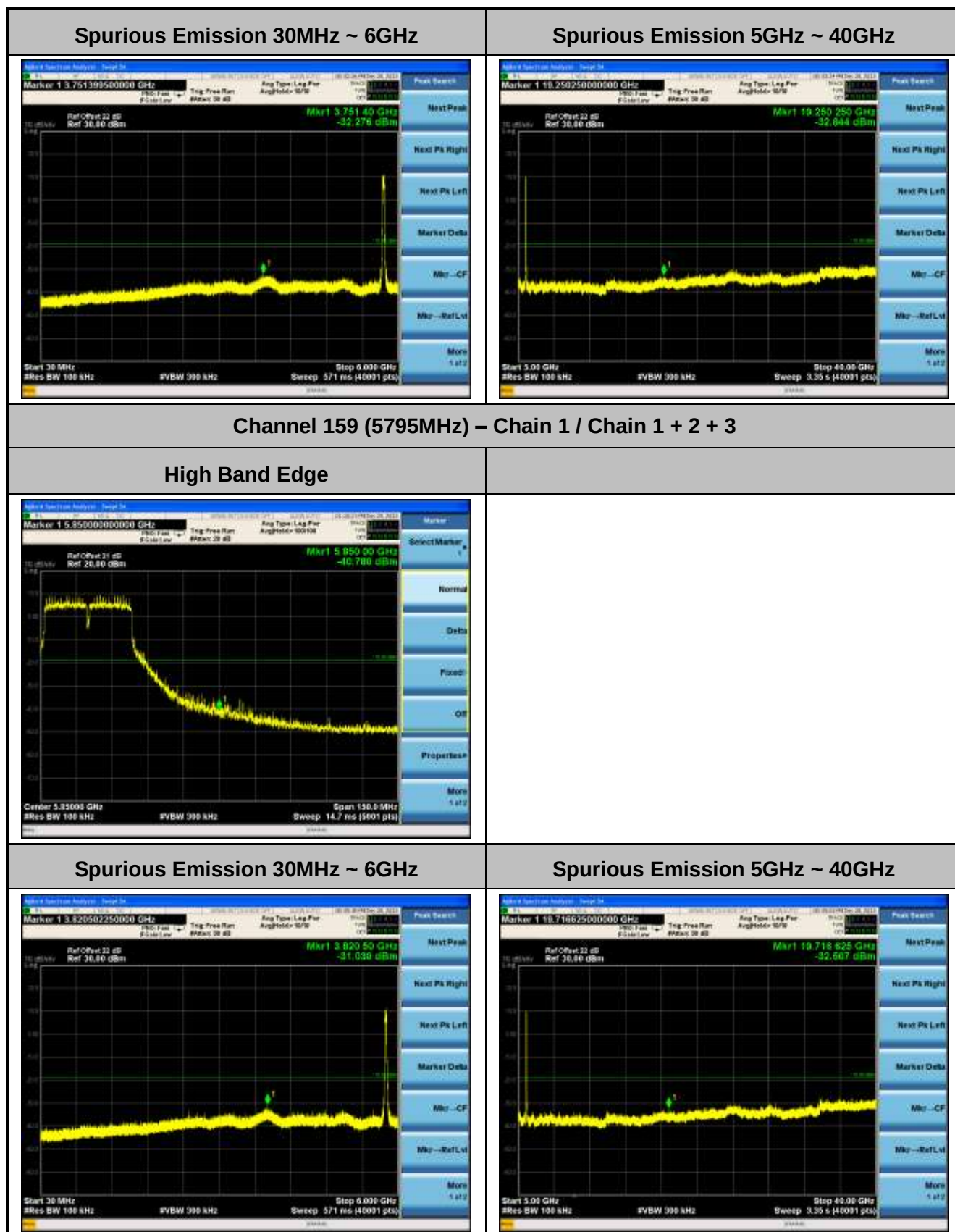
802.11ac-VHT40 Out-of-Band Emissions 100kHz PSD reference Level



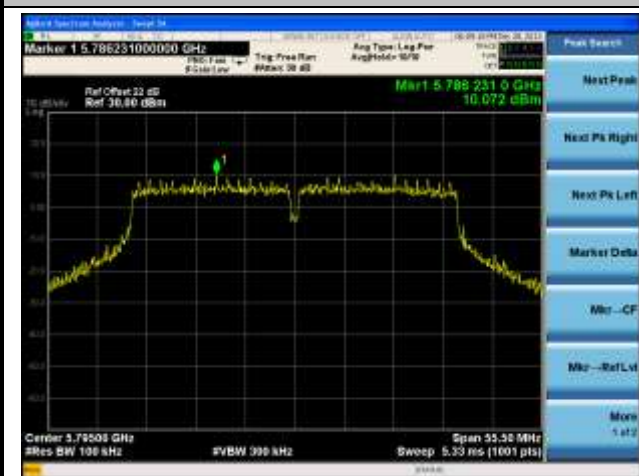
Channel 151 (5755MHz) – Chain 1 / Chain 1 + 2 + 3

Low Band Edge



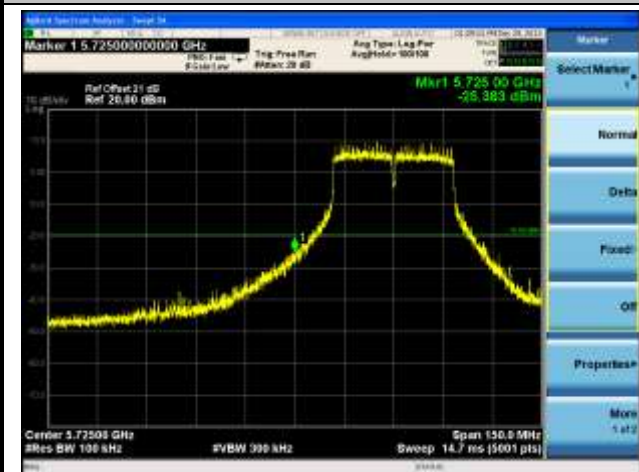


802.11ac-VHT40 Out-of-Band Emissions 100kHz PSD reference Level



Channel 151 (5755MHz) – Chain 2 / Chain 1 + 2 + 3

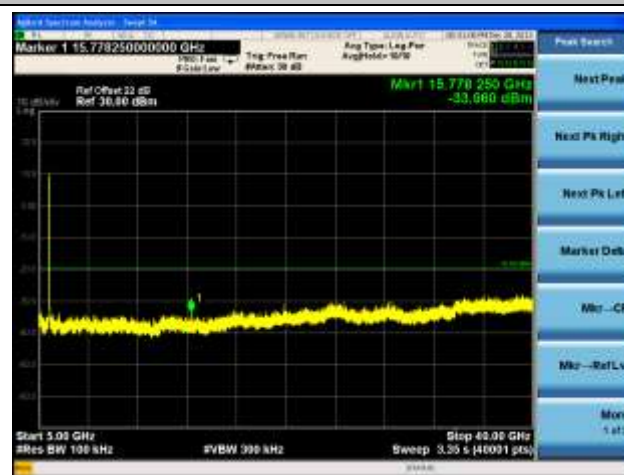
Low Band Edge



Spurious Emission 30MHz ~ 6GHz

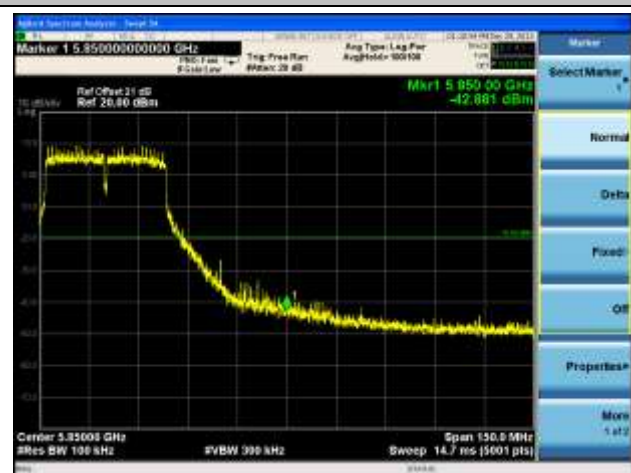


Spurious Emission 5GHz ~ 40GHz



Channel 159 (5795MHz) – Chain 2 / Chain 1 + 2 + 3

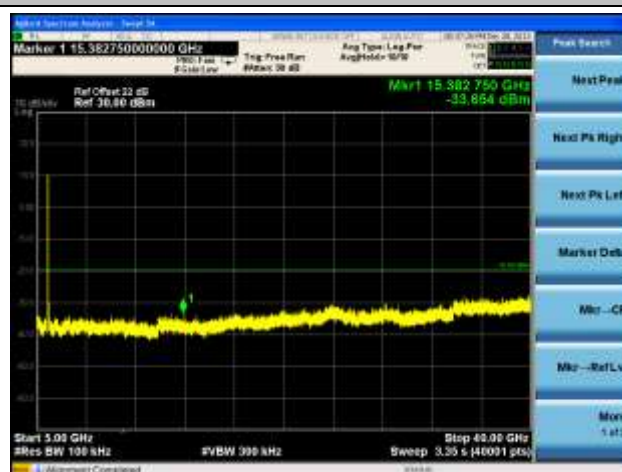
High Band Edge



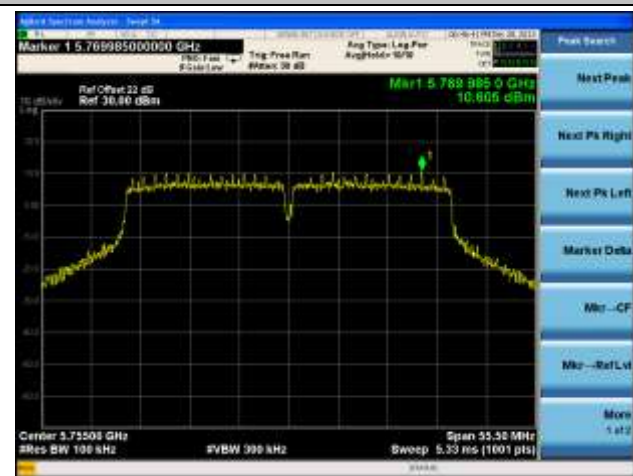
Spurious Emission 30MHz ~ 6GHz



Spurious Emission 5GHz ~ 40GHz

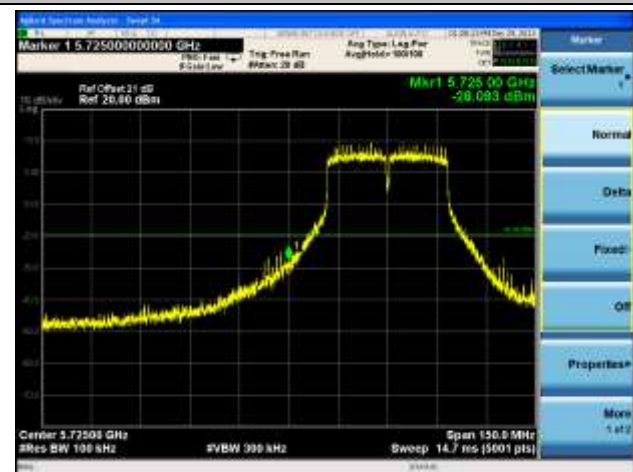


802.11ac-VHT40 Out-of-Band Emissions 100kHz PSD reference Level



Channel 151 (5755MHz) – Chain 3 / Chain 1 + 2 + 3

Low Band Edge



Spurious Emission 30MHz ~ 6GHz

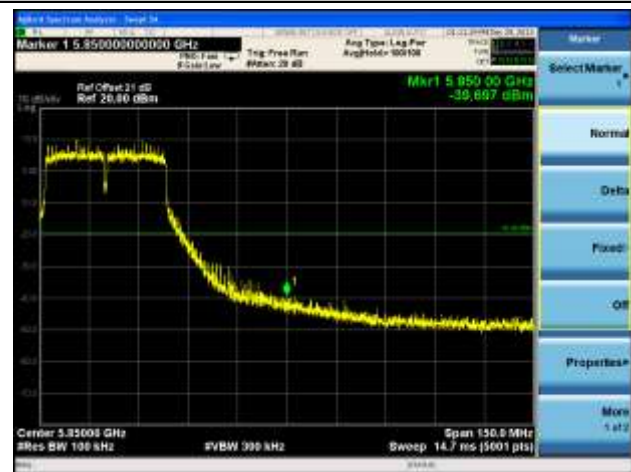


Spurious Emission 5GHz ~ 40GHz



Channel 159 (5795MHz) – Chain 3 / Chain 1 + 2 + 3

High Band Edge



Spurious Emission 30MHz ~ 6GHz



Spurious Emission 5GHz ~ 40GHz



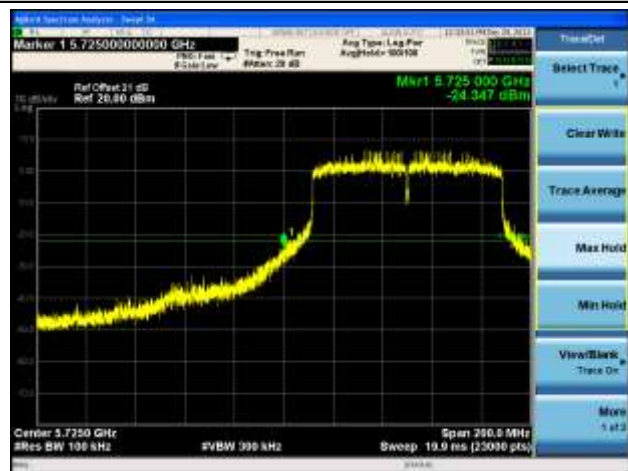
Test Mode	N _{TX}	Data Rate	Channel No.	Frequency (MHz)	Limit	Result
802.11ac-VHT80	3	87.8/97.5Mbps	155	5775	30dBc	Pass

802.11ac-VHT80 Out-of-Band Emissions 100kHz PSD reference Level

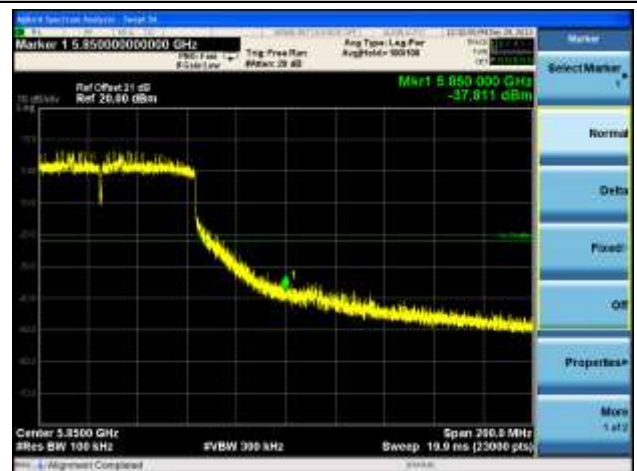


Channel 155 (5775MHz) – Chain 1 / Chain 1 + 2 + 3

Low Band Edge



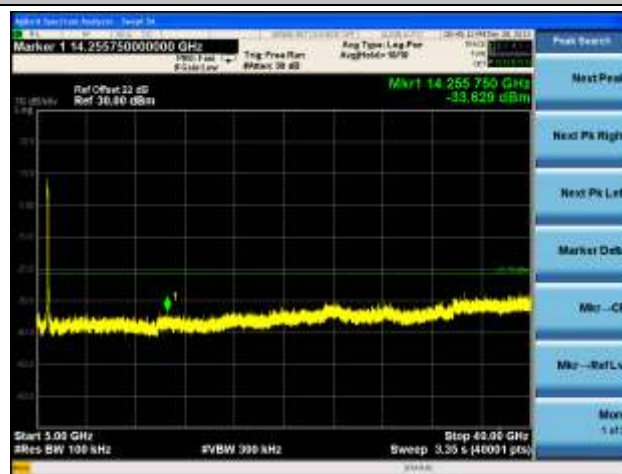
High Band Edge



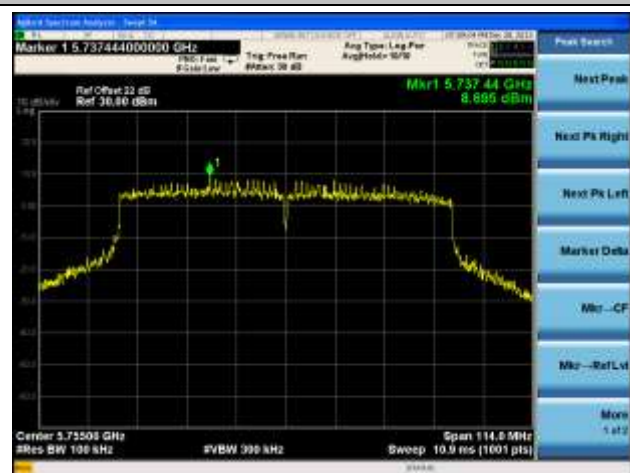
Spurious Emission 30MHz ~ 6GHz



Spurious Emission 5GHz ~ 40GHz

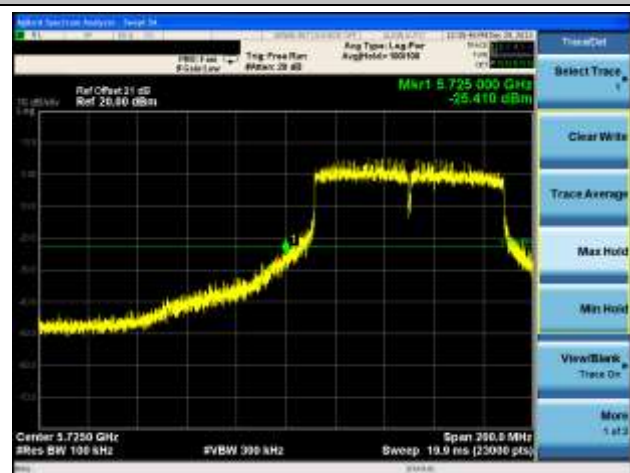


802.11 ac-VHT80 Out-of-Band Emissions 100kHz PSD reference Level

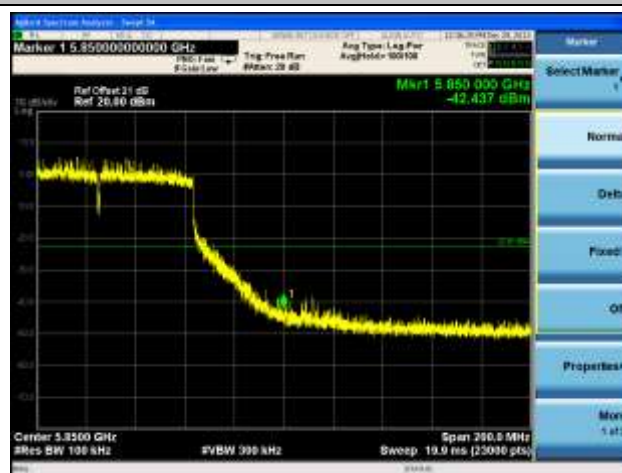


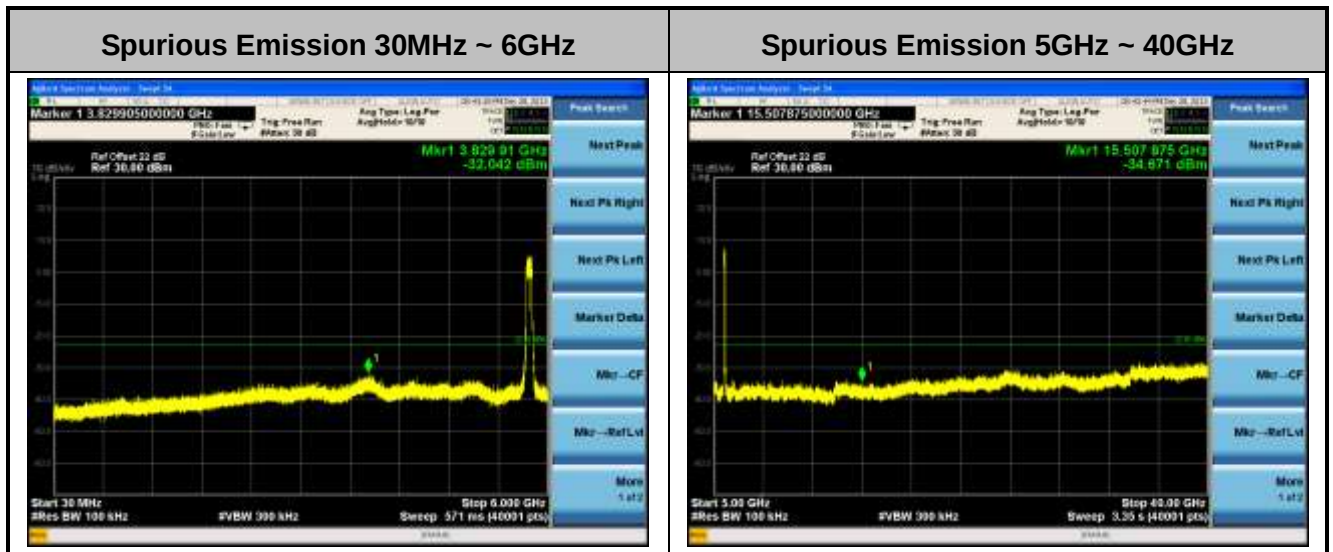
Channel 155 (5775MHz) – Chain 2 / Chain 1 + 2 + 3

Low Band Edge

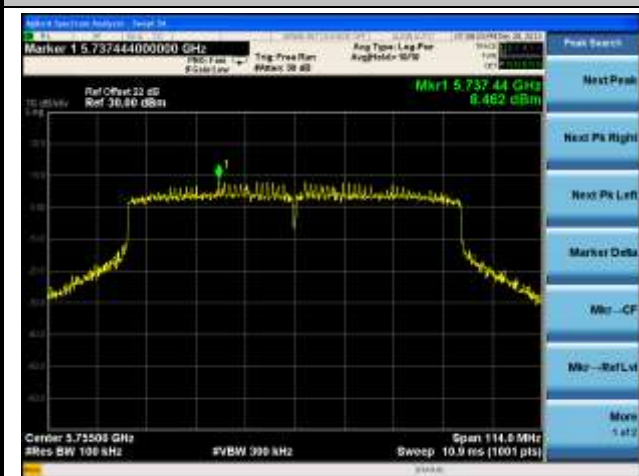


High Band Edge



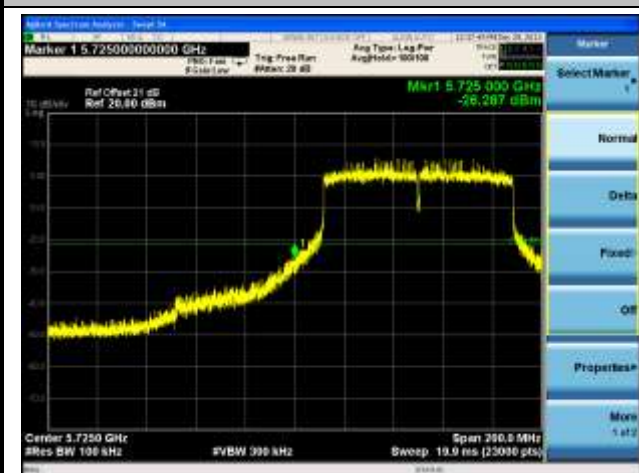


802.11ac-VHT80 Out-of-Band Emissions 100kHz PSD reference Level

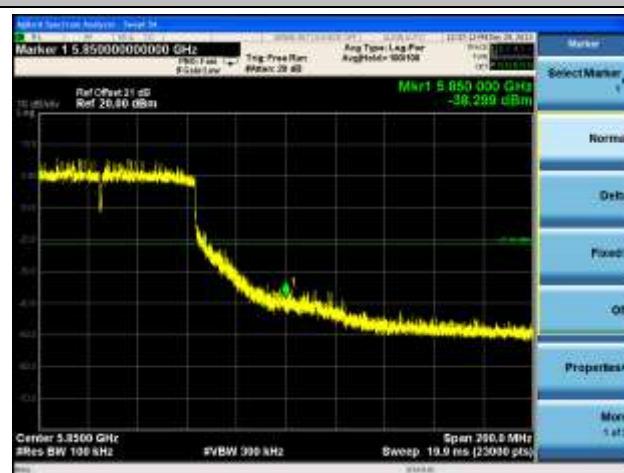


Channel 155 (5775MHz) – Chain 3 / Chain 1 + 2 + 3

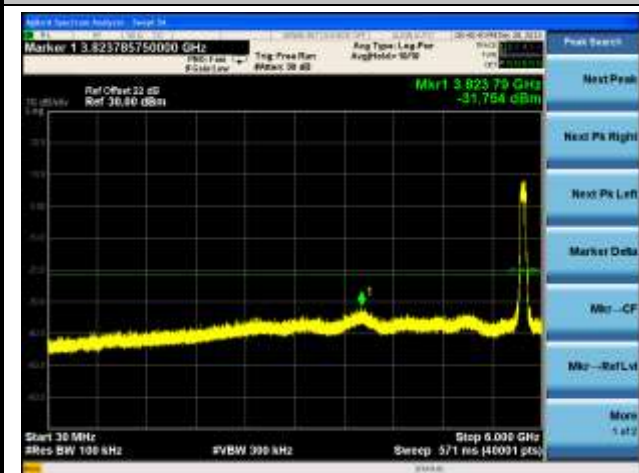
Low Band Edge



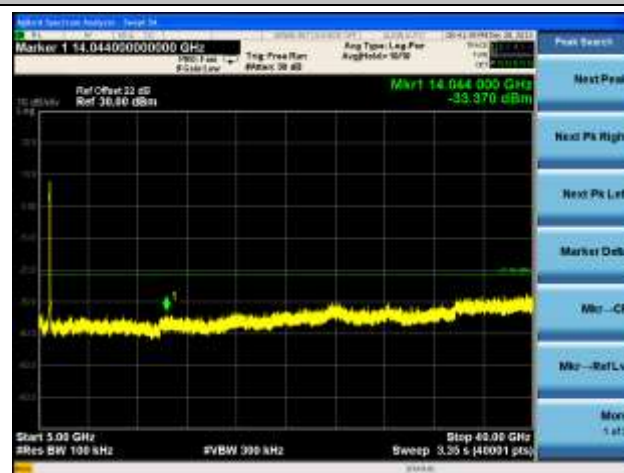
High Band Edge



Spurious Emission 30MHz ~ 6GHz



Spurious Emission 5GHz ~ 40GHz



7.6. Radiated Band Edge and Spurious Emission Measurement §15.247(d) / §15.205 & §15.209; RSS-210 [A8.5]

7.6.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [V/m]	Measured Distance [Meters]
0.009 – 0.490	2400/F (kHz)	300
0.490 – 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.6.2. Test Procedure Used

KDB 558074 D01v03r01 – Section 12.2.3 (quasi-peak measurements)

KDB 558074 D01v03r01 – Section 12.2.4 (peak power measurements)

KDB 558074 D01v03r01 – Section 12.2.5 (average power measurements)

7.6.3. Test Setting

Peak Field Strength Measurements per Section 12.2.4 of KDB 558074 D01v03r01

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold

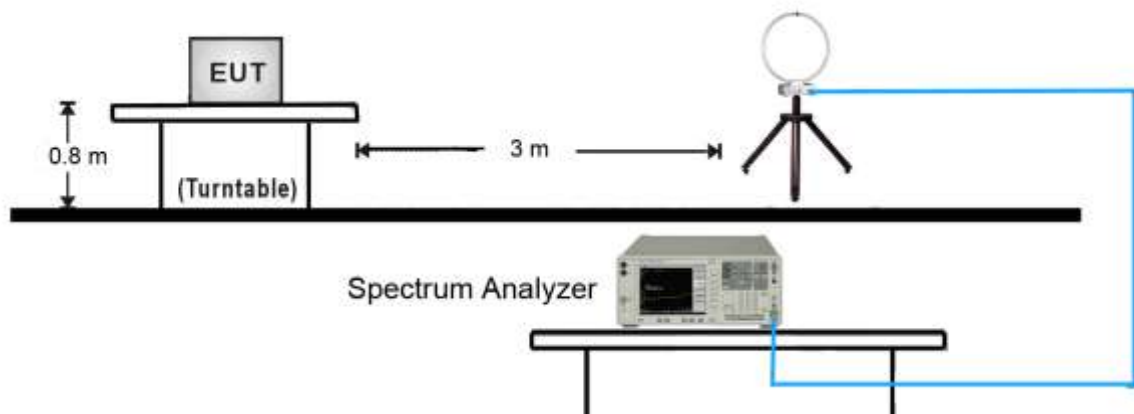
7. Trace was allowed to stabilize

Average Field Strength Measurements per Section 12.2.5.1 of KDB 558074 D01v03r01

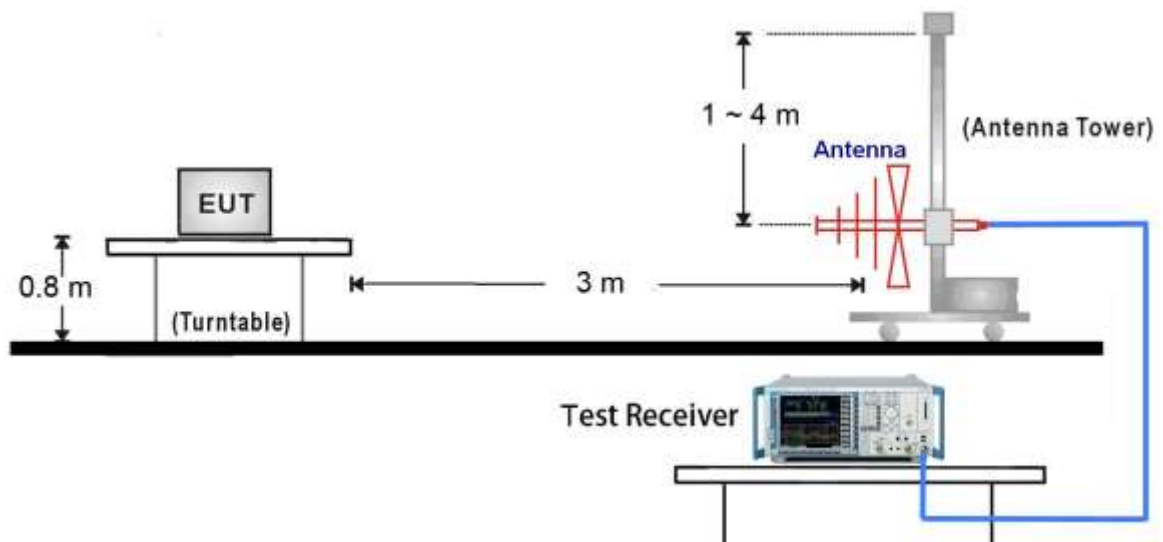
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be $> 2 \times \text{span/RBW}$)
6. Sweep time = auto
7. Trace (RMS) averaging was performed over at least 100 traces

7.6.4. Test Setup

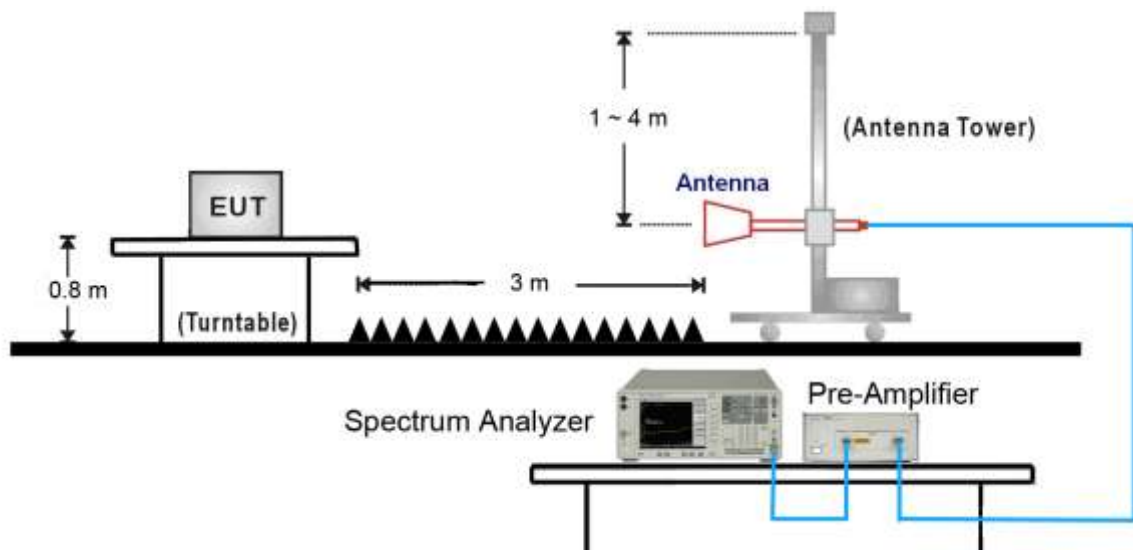
9kHz ~ 30MHz Test Setup:



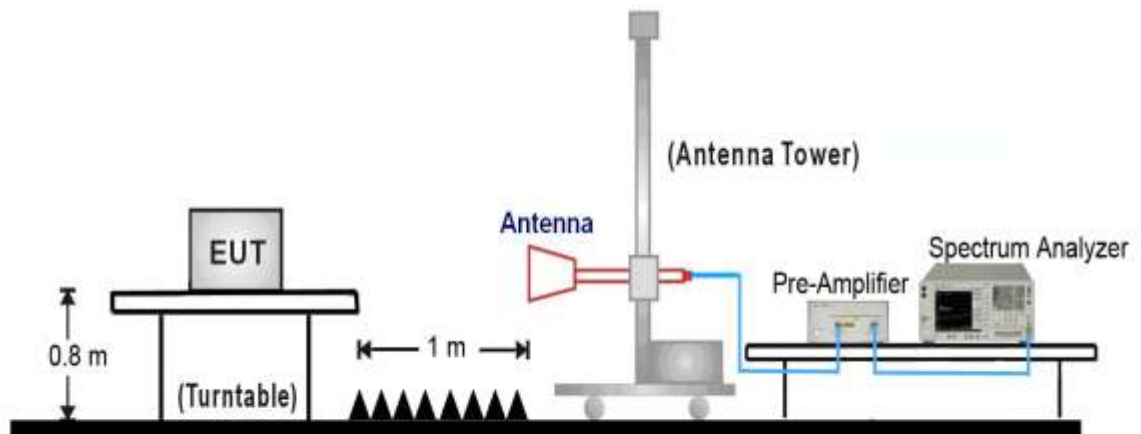
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



18GHz ~40GHz Test Setup:



7.6.5. Test Result of Radiated Spurious Emission

Test Mode:	802.11b – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~25GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7236.0	34.1	13.8	47.9	98.4	-50.5	Peak	Horizontal
*	8423.7	34.3	14.6	48.9	98.4	-49.5	Peak	Horizontal
	3756.7	36.0	4.2	40.2	74.0	-33.8	Peak	Horizontal
	4824.0	36.7	6.4	43.1	74.0	-30.9	Peak	Horizontal
*	7236.0	33.6	13.8	47.4	98.4	-51.0	Peak	Vertical
*	8422.6	33.4	14.5	47.9	98.4	-50.5	Peak	Vertical
	3705.5	36.4	4.0	40.4	74.0	-33.6	Peak	Vertical
	4825.0	41.0	6.4	47.4	74.0	-26.6	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (118.4dBμV/m).

Test Mode:	802.11b – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~25GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	3100.0	36.5	3.5	40.0	97.5	-57.5	Peak	Horizontal
*	3593.7	36.0	4.0	40.0	97.5	-57.5	Peak	Horizontal
	4876.0	40.1	6.6	46.7	74.0	-27.3	Peak	Horizontal
	7311.0	34.7	14.0	48.7	74.0	-25.3	Peak	Horizontal
*	3102.2	36.3	3.5	39.8	97.5	-57.7	Peak	Vertical
*	3698.5	35.9	4.0	39.9	97.5	-57.6	Peak	Vertical
	4876.0	43.2	6.6	49.8	74.0	-24.2	Peak	Vertical
	7311.0	34.3	14.0	48.3	74.0	-25.7	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (117.5dBμV/m).

Test Mode:	802.11b – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~25GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	3101.2	36.3	3.5	39.8	97.0	-57.2	Peak	Horizontal
*	3563.3	36.3	4.1	40.4	97.0	-56.6	Peak	Horizontal
	4924.0	36.2	6.7	42.9	74.0	-31.1	Peak	Horizontal
	7386.0	34.1	14.1	48.2	74.0	-25.8	Peak	Horizontal
*	3100.5	36.4	3.5	39.9	97.0	-57.1	Peak	Vertical
*	3685.4	35.7	4.0	39.7	97.0	-57.3	Peak	Vertical
	4924.0	38.0	6.7	44.7	74.0	-29.3	Peak	Vertical
	7386.0	34.0	14.1	48.1	74.0	-25.9	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (117.0dBμV/m).

Test Mode:	802.11g – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~25GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7236.0	34.1	13.8	47.9	94.0	-46.1	Peak	Horizontal
*	8452.4	34.1	14.5	48.6	94.0	-45.4	Peak	Horizontal
	4226.5	35.9	4.9	40.8	74.0	-33.2	Peak	Horizontal
	4824.0	35.7	6.4	42.1	74.0	-31.9	Peak	Horizontal
*	7236.0	34.0	13.8	47.8	94.0	-46.2	Peak	Vertical
*	8656.3	34.3	14.8	49.1	94.0	-44.9	Peak	Vertical
	4123.3	35.8	4.6	40.4	74.0	-33.6	Peak	Vertical
	4824.0	35.6	6.4	42.0	74.0	-32.0	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (114.0dBμV/m).

Test Mode:	802.11g – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~25GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	3100.1	35.7	3.5	39.2	95.8	-56.6	Peak	Horizontal
*	3579.7	36.2	4.0	40.2	95.8	-55.6	Peak	Horizontal
	4876.0	37.3	6.6	43.9	74.0	-30.1	Peak	Horizontal
	7311.0	34.2	14.0	48.2	74.0	-25.8	Peak	Horizontal
*	3100.5	36.3	3.5	39.8	95.8	-56.0	Peak	Vertical
*	3596.0	36.2	4.0	40.2	95.8	-55.6	Peak	Vertical
	4876.0	38.9	6.6	45.5	74.0	-28.5	Peak	Vertical
	7311.0	33.5	14.0	47.5	74.0	-26.5	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (115.8dBμV/m).

Test Mode:	802.11g – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~25GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	3102.4	36.1	3.5	39.6	97.1	-57.5	Peak	Horizontal
*	3596.5	35.5	4.0	39.5	97.1	-57.6	Peak	Horizontal
	4924.0	35.6	6.7	42.3	74.0	-31.7	Peak	Horizontal
	7386.0	34.2	14.1	48.3	74.0	-25.7	Peak	Horizontal
*	3102.7	35.8	3.5	39.3	97.1	-57.8	Peak	Vertical
*	3577.0	35.9	4.0	39.9	97.1	-57.2	Peak	Vertical
	4924.0	35.4	6.7	42.1	74.0	-31.9	Peak	Vertical
	7386.0	34.3	14.1	48.4	74.0	-25.6	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (117.1dBμV/m).

Test Mode:	802.11n-HT20 – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~25GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7236.0	34.7	13.8	48.5	95.5	-47.0	Peak	Horizontal
*	8613.5	70.6	-22.1	48.5	95.5	-47.0	Peak	Horizontal
	4074.4	67.9	-25.4	42.5	74.0	-31.5	Peak	Horizontal
	4824.0	36.5	6.4	42.9	74.0	-31.1	Peak	Horizontal
*	7236.0	34.8	13.8	48.6	95.5	-46.9	Peak	Vertical
*	8613.5	70.8	-22.1	48.7	95.5	-46.8	Peak	Vertical
	4086.2	65.8	-25.4	40.4	74.0	-33.6	Peak	Vertical
	4824.0	36.0	6.4	42.4	74.0	-31.6	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (115.5dBμV/m).

Test Mode:	802.11n-HT20 – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~25GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	3114.0	65.8	-25.2	40.6	95.2	-54.6	Peak	Horizontal
*	3435.6	65.2	-25.1	40.1	95.2	-55.1	Peak	Horizontal
	4874.0	36.0	6.6	42.6	74.0	-31.4	Peak	Horizontal
	7311.0	34.2	14.0	48.2	74.0	-25.8	Peak	Horizontal
*	3051.7	65.4	-25.2	40.2	95.2	-55.0	Peak	Vertical
*	3598.2	65.7	-25.2	40.5	95.2	-54.7	Peak	Vertical
	4874.0	36.6	6.6	43.2	74.0	-30.8	Peak	Vertical
	7311.0	33.8	14.0	47.8	74.0	-26.2	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (115.2dBμV/m).

Test Mode:	802.11n-HT20 – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~25GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	3016.6	64.9	-25.1	39.8	94.6	-54.8	Peak	Horizontal
*	3587.8	64.9	-25.1	39.8	94.6	-54.8	Peak	Horizontal
	4924.0	36.6	6.7	43.3	74.0	-30.7	Peak	Horizontal
	7386.0	35.2	14.1	49.3	74.0	-24.7	Peak	Horizontal
*	3007.9	65.0	-25.1	39.9	94.6	-54.7	Peak	Vertical
*	3598.2	64.6	-25.2	39.4	94.6	-55.2	Peak	Vertical
	4924.0	35.7	6.7	42.4	74.0	-31.6	Peak	Vertical
	7386.0	34.5	14.1	48.6	74.0	-25.4	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (114.6dBμV/m).

Test Mode:	802.11n-HT40 – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	03	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~25GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	3007.9	64.5	-25.1	39.4	91.4	-52.0	Peak	Horizontal
*	3598.2	64.2	-25.2	39.0	91.4	-52.4	Peak	Horizontal
	4844.0	36.1	6.5	42.6	74.0	-31.4	Peak	Horizontal
	7266.0	34.2	13.9	48.1	74.0	-25.9	Peak	Horizontal
*	3034.1	64.8	-25.2	39.6	91.4	-51.8	Peak	Vertical
*	3577.5	65.4	-25.1	40.3	91.4	-51.1	Peak	Vertical
	4844.0	36.0	6.5	42.5	74.0	-31.5	Peak	Vertical
	7266.0	34.5	13.9	48.4	74.0	-25.6	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (111.4dBμV/m).

Test Mode:	802.11n-HT40 – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~25GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	3016.6	64.8	-25.1	39.7	90.2	-50.5	Peak	Horizontal
*	3587.8	66.2	-25.1	41.1	90.2	-49.1	Peak	Horizontal
	4874.0	35.7	6.6	42.3	74.0	-31.7	Peak	Horizontal
	7311.0	33.8	14.0	47.8	74.0	-26.2	Peak	Horizontal
*	3025.3	64.3	-25.2	39.1	90.2	-51.1	Peak	Vertical
*	3598.2	65.7	-25.2	40.5	90.2	-49.7	Peak	Vertical
	4874.0	36.2	6.6	42.8	74.0	-31.2	Peak	Vertical
	7311.0	33.7	14.0	47.7	74.0	-26.3	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (110.2dBμV/m).

Test Mode:	802.11n-HT40 – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	09	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~25GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	3105.0	65.0	-25.2	39.8	89.5	-49.7	Peak	Horizontal
*	3577.5	66.3	-25.1	41.2	89.5	-48.3	Peak	Horizontal
	4904.0	35.7	6.7	42.4	74.0	-31.6	Peak	Horizontal
	7356.0	34.1	14.0	48.1	74.0	-25.9	Peak	Horizontal
*	3177.7	65.6	-25.2	40.4	89.5	-49.1	Peak	Vertical
*	4430.6	66.0	-25.1	40.9	89.5	-48.6	Peak	Vertical
	4904.0	35.6	6.7	42.3	74.0	-31.7	Peak	Vertical
	7356.0	35.0	14.0	49.0	74.0	-25.0	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (109.5dBμV/m).

Test Mode:	802.11a – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7138.1	71.0	-22.8	48.2	104.4	-56.2	Peak	Horizontal
*	7762.3	70.2	-21.8	48.4	104.4	-56.0	Peak	Horizontal
	9073.5	72.1	-22.5	49.6	74.0	-24.4	Peak	Horizontal
	10667.6	74.4	-21.9	52.5	74.0	-21.5	Peak	Horizontal
*	7097.0	70.3	-22.7	47.6	104.4	-56.8	Peak	Vertical
*	8013.0	70.8	-22.2	48.6	104.4	-55.8	Peak	Vertical
	9021.2	70.9	-22.4	48.5	74.0	-25.5	Peak	Vertical
	11269.9	73.9	-21.3	52.6	74.0	-21.4	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (124.4dBμV/m).

Test Mode:	802.11a – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7138.1	69.9	-22.8	47.1	103.7	-56.6	Peak	Horizontal
*	7829.9	69.9	-21.8	48.1	103.7	-55.6	Peak	Horizontal
	9047.3	72.0	-22.5	49.5	74.0	-24.5	Peak	Horizontal
	9475.5	73.9	-22.6	51.3	74.0	-22.7	Peak	Horizontal
*	7221.2	70.2	-22.8	47.4	103.7	-56.3	Peak	Vertical
*	7920.9	70.9	-22.0	48.9	103.7	-54.8	Peak	Vertical
	9021.2	72.2	-22.4	49.8	74.0	-24.2	Peak	Vertical
	9420.9	74.3	-22.5	51.8	74.0	-22.2	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (123.7dBμV/m).

Test Mode:	802.11a – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7200.3	70.1	-22.8	47.3	106.5	-59.2	Peak	Horizontal
*	7898.1	71.1	-22.0	49.1	106.5	-57.4	Peak	Horizontal
	8176.8	71.0	-22.1	48.9	74.0	-25.1	Peak	Horizontal
	9047.3	72.7	-22.5	50.2	74.0	-23.8	Peak	Horizontal
*	7117.5	69.7	-22.7	47.0	106.5	-59.5	Peak	Vertical
*	7762.3	69.0	-21.8	47.2	106.5	-59.3	Peak	Vertical
	8441.0	70.7	-21.9	48.8	74.0	-25.2	Peak	Vertical
	9366.6	72.1	-22.5	49.6	74.0	-24.4	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (126.5dBμV/m).

Test Mode:	802.11n-HT20 – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7035.7	69.2	-22.7	46.5	104.8	-58.3	Peak	Horizontal
*	7943.8	70.7	-22.0	48.7	104.8	-56.1	Peak	Horizontal
	9073.5	70.4	-22.5	47.9	74.0	-26.1	Peak	Horizontal
	11335.2	73.5	-20.8	52.7	74.0	-21.3	Peak	Horizontal
*	7035.7	70.3	-22.7	47.6	104.8	-57.2	Peak	Vertical
*	8059.5	70.8	-22.0	48.8	104.8	-56.0	Peak	Vertical
	9448.2	73.0	-22.5	50.5	74.0	-23.5	Peak	Vertical
	11490.0	39.1	19.4	58.5	74.0	-15.5	Peak	Vertical
	11494.5	26.7	19.4	46.1	54.0	-7.9	Average	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (124.8dBμV/m).

Test Mode:	802.11n-HT20 – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7158.8	69.4	-22.8	46.6	105.3	-58.7	Peak	Horizontal
*	8663.4	70.4	-22.1	48.3	105.3	-57.0	Peak	Horizontal
	9420.9	72.7	-22.5	50.2	74.0	-23.8	Peak	Horizontal
	11570.0	38.2	19.4	57.6	74.0	-16.4	Peak	Horizontal
	11581.4	25.6	19.5	45.1	54.0	-8.9	Average	Horizontal
*	7056.1	69.9	-22.7	47.2	105.3	-58.1	Peak	Vertical
*	7829.9	68.8	-21.8	47.0	105.3	-58.3	Peak	Vertical
	9448.2	73.2	-22.5	50.7	74.0	-23.3	Peak	Vertical
	11566.9	39.1	19.4	58.5	74.0	-15.5	Peak	Vertical
	11568.2	25.4	19.4	44.8	54.0	-9.2	Average	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (125.3dBμV/m).

Test Mode:	802.11n-HT20 – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7076.5	70.1	-22.7	47.4	106.1	-58.7	Peak	Horizontal
*	8688.5	70.8	-22.1	48.7	106.1	-57.4	Peak	Horizontal
	9448.2	74.2	-22.5	51.7	74.0	-22.3	Peak	Horizontal
	11650.0	26.2	19.4	45.6	54.0	-8.4	Average	Horizontal
	11650.0	37.8	19.4	57.2	74.0	-16.8	Peak	Horizontal
*	7076.5	69.9	-22.7	47.2	106.1	-26.8	Peak	Vertical
*	8106.2	70.7	-22.0	48.7	106.1	-57.4	Peak	Vertical
	9475.5	74.3	-22.6	51.7	74.0	-22.3	Peak	Vertical
	11650.0	26.6	19.4	46.0	54.0	-8.0	Average	Vertical
	11650.0	36.7	19.4	56.1	74.0	-17.9	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (126.1dBμV/m).

Test Mode:	802.11n-HT40 – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	151	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7015.4	69.4	-22.7	46.7	102.2	-55.5	Peak	Horizontal
*	7762.3	69.1	-21.8	47.3	102.2	-54.9	Peak	Horizontal
	9047.3	71.8	-22.5	49.3	74.0	-24.7	Peak	Horizontal
	10636.9	74.8	-21.6	53.2	74.0	-20.8	Peak	Horizontal
*	7035.7	70.8	-22.7	48.1	102.2	-54.1	Peak	Vertical
*	7784.7	69.7	-21.7	48.0	102.2	-54.2	Peak	Vertical
	9152.5	72.5	-22.2	50.3	74.0	-23.7	Peak	Vertical
	10454.0	74.5	-22.2	52.3	74.0	-21.7	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (122.2dBμV/m).

Test Mode:	802.11n-HT40 – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	159	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7035.7	70.8	-22.7	48.1	103.1	-55.0	Peak	Horizontal
*	7898.1	70.8	-22.0	48.8	103.1	-54.3	Peak	Horizontal
	9448.2	73.7	-22.5	51.2	74.0	-22.8	Peak	Horizontal
	11590.0	23.2	19.5	42.7	54.0	-11.3	Average	Horizontal
	11590.0	37.3	19.5	56.8	74.0	-17.2	Peak	Horizontal
*	7076.5	70.4	-22.7	47.7	103.1	-55.4	Peak	Vertical
*	7807.3	70.0	-21.7	48.3	103.1	-54.8	Peak	Vertical
	9312.6	72.3	-22.5	49.8	74.0	-24.2	Peak	Vertical
	11590.0	24.0	19.5	43.5	54.0	-10.5	Average	Vertical
	11590.0	37.4	19.5	56.9	74.0	-17.1	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (123.1dBμV/m).

Test Mode:	802.11ac-VHT20 – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7117.5	70.2	-22.7	47.5	100.5	-53.0	Peak	Horizontal
*	7989.9	71.4	-22.2	49.2	100.5	-51.3	Peak	Horizontal
	9393.7	73.4	-22.5	50.9	74.0	-23.1	Peak	Horizontal
	11489.0	38.3	19.4	57.7	74.0	-16.3	Peak	Horizontal
	11490.0	26.7	19.4	46.1	54.0	-7.9	Average	Horizontal
*	7015.4	70.4	-22.7	47.7	100.5	-52.8	Peak	Vertical
*	7762.3	70.0	-21.8	48.2	100.5	-52.3	Peak	Vertical
	9047.3	71.9	-22.5	49.4	74.0	-24.6	Peak	Vertical
	11489.0	40.3	19.4	59.7	74.0	-14.3	Peak	Vertical
	11489.1	26.5	19.4	45.9	54.0	-8.1	Average	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (120.5dBμV/m).

Test Mode:	802.11ac-VHT20 – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7035.7	69.2	-22.7	46.5	103.7	-57.2	Peak	Horizontal
*	7920.9	70.8	-22.0	48.8	103.7	-54.9	Peak	Horizontal
	9448.2	73.9	-22.5	51.4	74.0	-22.6	Peak	Horizontal
	11570.0	38.2	19.4	57.6	74.0	-16.4	Peak	Horizontal
	11570.0	26.8	19.4	46.2	54.0	-7.8	Average	Horizontal
*	7158.8	69.2	-22.8	46.4	103.7	-57.3	Peak	Vertical
*	7920.9	70.6	-22.0	48.6	103.7	-55.1	Peak	Vertical
	9152.5	73.0	-22.2	50.8	74.0	-23.2	Peak	Vertical
	11570.0	38.0	19.4	57.4	74.0	-16.6	Peak	Vertical
	11570.1	26.7	19.4	46.1	54.0	-7.9	Average	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (123.7dBμV/m).

Test Mode:	802.11ac-VHT20 – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7097.0	69.7	-22.7	47.0	102.8	-55.8	Peak	Horizontal
*	7943.8	70.8	-22.0	48.8	102.8	-54.0	Peak	Horizontal
	8465.4	69.7	-22.0	47.7	74.0	-26.3	Peak	Horizontal
	9366.6	72.0	-22.5	49.4	74.0	-24.6	Peak	Horizontal
*	7117.5	69.1	-22.7	46.4	102.8	-56.4	Peak	Horizontal
*	7989.9	71.7	-22.2	49.5	102.8	-53.3	Peak	Vertical
	8271.9	70.1	-22.2	47.9	74.0	-26.1	Peak	Vertical
	9366.6	72.1	-22.5	49.5	74.0	-24.5	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (122.8dBμV/m).

Test Mode:	802.11ac-VHT40 – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	151	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7076.5	69.9	-22.7	47.2	100.0	-52.8	Peak	Horizontal
*	7966.8	71.1	-22.1	49.0	100.0	-51.0	Peak	Horizontal
	9047.3	72.2	-22.5	49.7	74.0	-24.3	Peak	Horizontal
	10636.9	74.8	-21.6	53.2	74.0	-20.8	Peak	Horizontal
*	7117.5	69.5	-22.7	46.8	100.0	-53.2	Peak	Vertical
*	7784.7	69.7	-21.7	48.0	100.0	-52.0	Peak	Vertical
	9420.9	73.0	-22.5	50.5	74.0	-23.5	Peak	Vertical
	11510.0	28.2	19.4	47.6	54.0	-6.4	Average	Vertical
	11510.0	40.7	19.4	60.1	74.0	-13.9	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (120.0dBμV/m).

Test Mode:	802.11ac-VHT40 – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	159	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7242.1	71.1	-22.7	48.4	100.8	-52.4	Peak	Horizontal
*	8563.8	70.0	-22.4	47.6	100.8	-53.2	Peak	Horizontal
	9448.2	74.0	-22.5	51.5	74.0	-22.5	Peak	Horizontal
	11590.0	25.0	19.5	44.5	54.0	-9.5	Average	Horizontal
	11590.0	38.8	19.5	58.3	74.0	-15.7	Peak	Horizontal
*	7158.8	69.5	-22.8	46.7	100.8	-54.1	Peak	Vertical
*	7762.3	71.0	-21.8	49.2	100.8	-51.6	Peak	Vertical
	9073.5	72.0	-22.5	49.5	74.0	-24.5	Peak	Vertical
	11590.0	25.3	19.5	44.8	54.0	-9.2	Average	Vertical
	11590.0	38.2	19.5	57.7	74.0	-16.3	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (120.8dBμV/m).

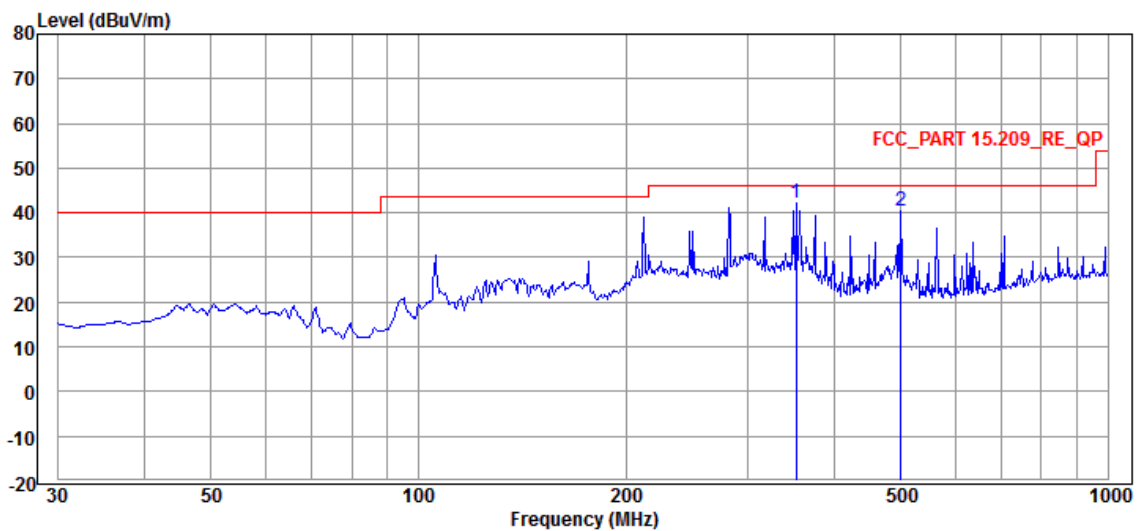
Test Mode:	802.11ac-VHT80 – Chain 1 + 2 + 3	Test Site:	AC1
Test Channel:	155	Test Engineer:	Roy Cheng
Remark:	1. There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report. 2. Average measurement was not performed if peak level lower than average limit.		

Mark	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7015.4	70.3	-22.7	47.6	99.8	-52.2	Peak	Horizontal
*	8713.6	71.7	-22.1	49.5	99.8	-50.3	Peak	Horizontal
	9448.1	73.4	-22.4	50.9	74.0	-23.1	Peak	Horizontal
	11550	25.3	19.4	44.7	54.0	-9.3	Average	Horizontal
	11550	37.0	19.4	56.4	74.0	-17.6	Peak	Horizontal
*	7056.0	70.1	-22.6	47.5	99.8	-52.3	Peak	Vertical
*	8514.4	70.8	-22.0	48.8	99.8	-51.0	Peak	Vertical
	9448.1	73.4	-22.4	51.0	74.0	-23.0	Peak	Vertical
	11550.0	26.3	19.4	45.7	54.0	-8.3	Average	Vertical
	11550.0	38.5	19.4	57.9	74.0	-16.1	Peak	Vertical

Note: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (119.8dBμV/m).

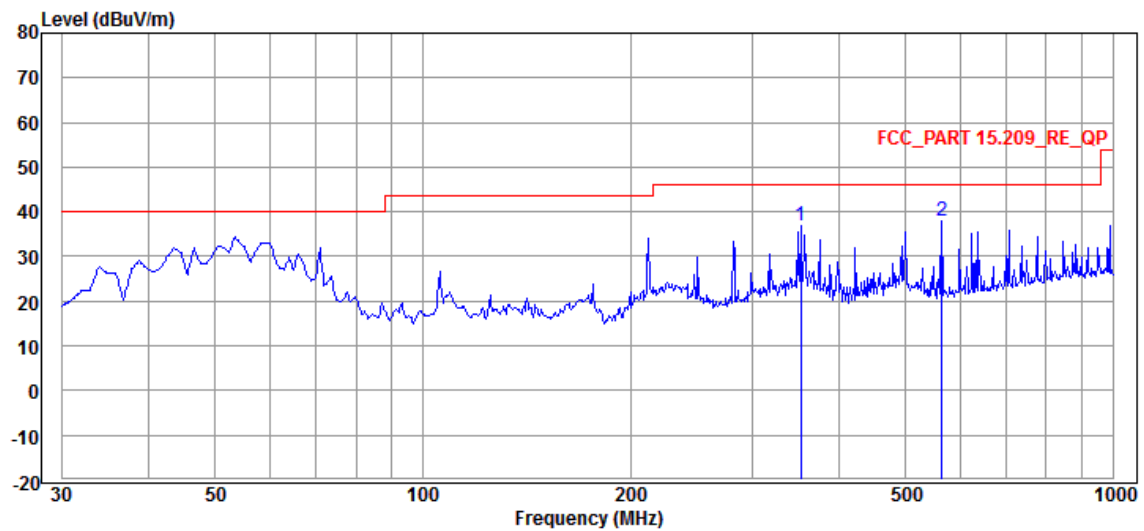
The worst case of Radiated Emission between 30MHz to 1GHz:

Tested by	Roy Cheng	Test Data	2013-11-14- 15:03:23
Site	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209	Polarity	Horizontal
Antenna	VULB_9162	EUT	Router
Worst Case Mode: 802.11n-HT20 Channel 2437MHz Chain 1 + 2 + 3			



Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	Antenna Factor (dB)	Cable Loss (dB)	Limit (dBuV/m)	Over Limit (dB)
352.94	42.07	26.65	Peak	14.25	1.17	46.00	-3.93
501.18	40.45	22.69	Peak	16.37	1.39	46.00	-5.55

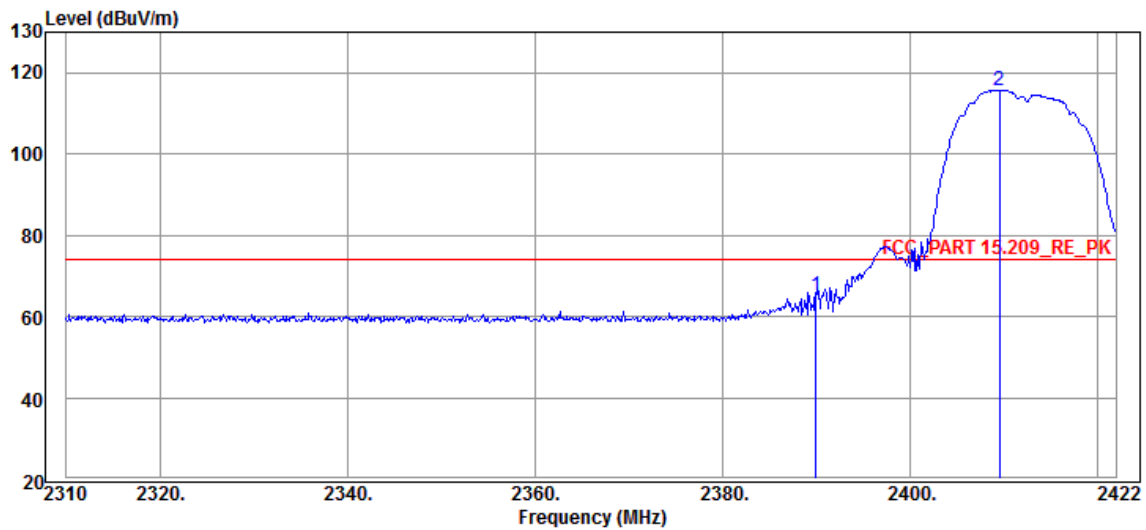
Tested by	Roy Cheng	Test Data	2013-11-14- 15:04:40
Site	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209	Polarity	Vertical
Antenna	VULB_9162	EUT	Router
Worst Case Mode: 802.11n-HT20 Channel 2437MHz Chain 1 + 2 + 3			



Freq (MHz)	Level (dBμV/m)	Reading (dBuV)	Detector	Antenna Factor (dB)	Cable Loss (dB)	Limit (dBuV/m)	Over Limit (dB)
352.94	36.88	21.46	Peak	14.25	1.17	46.00	-9.12
564.64	37.95	19.10	Peak	17.36	1.49	46.00	-8.05

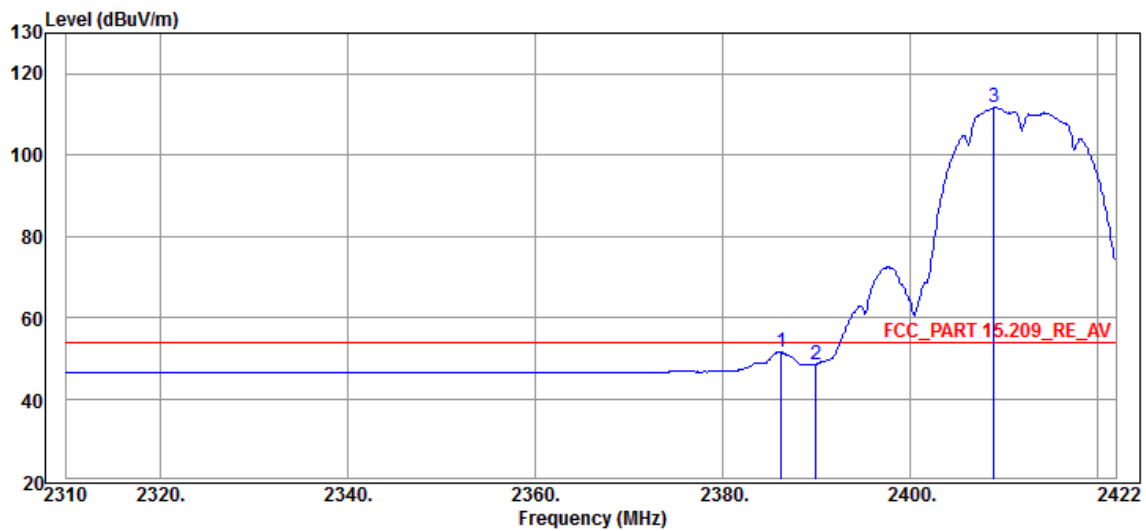
7.6.6. Test Result of Radiated Band Edge

Test Engineer:	Roy Cheng	Test Data:	2013-11-12- 10:22:37
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11b Chain 1 + 2 + 3 - Channel 2412MHz			



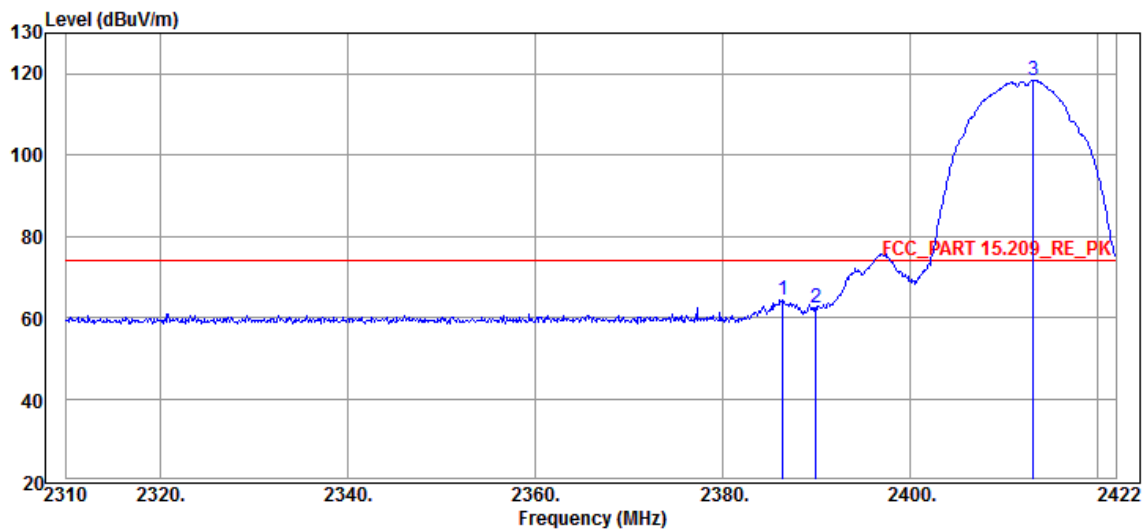
Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Margin (dB)
2390.00	65.11	34.42	Peak	30.69	74.00	-8.89
2409.57	115.49	84.84	Peak	30.65	N/A	N/A

Test Engineer:	Roy Cheng	Test Data:	2013-11-12- 10:24:43
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11b Chain 1 + 2 + 3 - Channel 2412MHz			



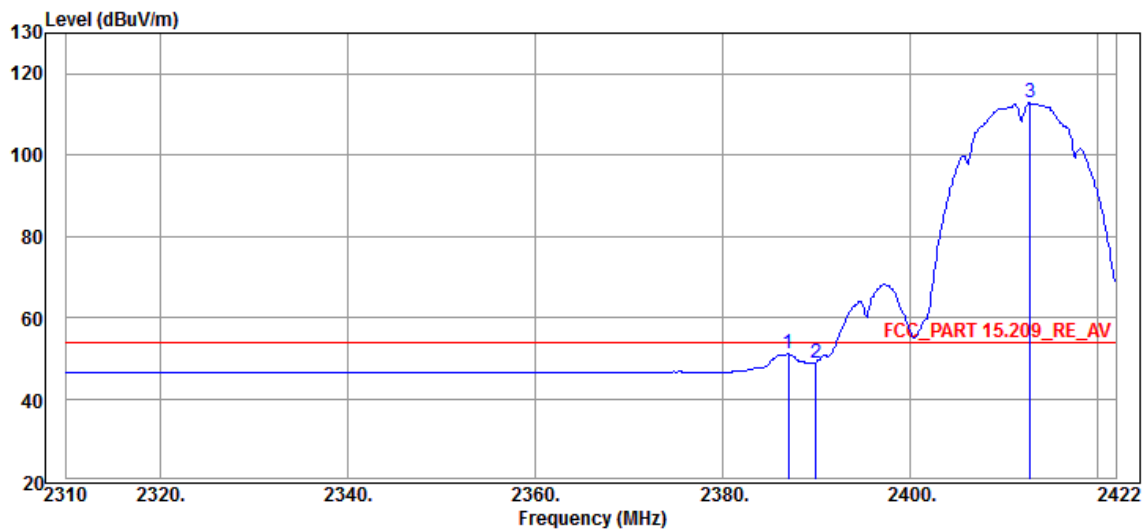
Freq (MHz)	Level (dBUV/m)	Reading (dBUV)	Detector	C.F (dB)	Limit (dBUV/m)	Margin (dB)
2386.27	51.37	20.67	Average	30.70	54.00	-2.63
2390.00	48.44	17.75	Average	30.69	54.00	-5.56
2409.01	111.90	81.25	Average	30.65	N/A	N/A

Test Engineer:	Roy Cheng	Test Data:	2013-11-12- 10:14:25
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11b Chain 1 + 2 + 3 - Channel 2412MHz			



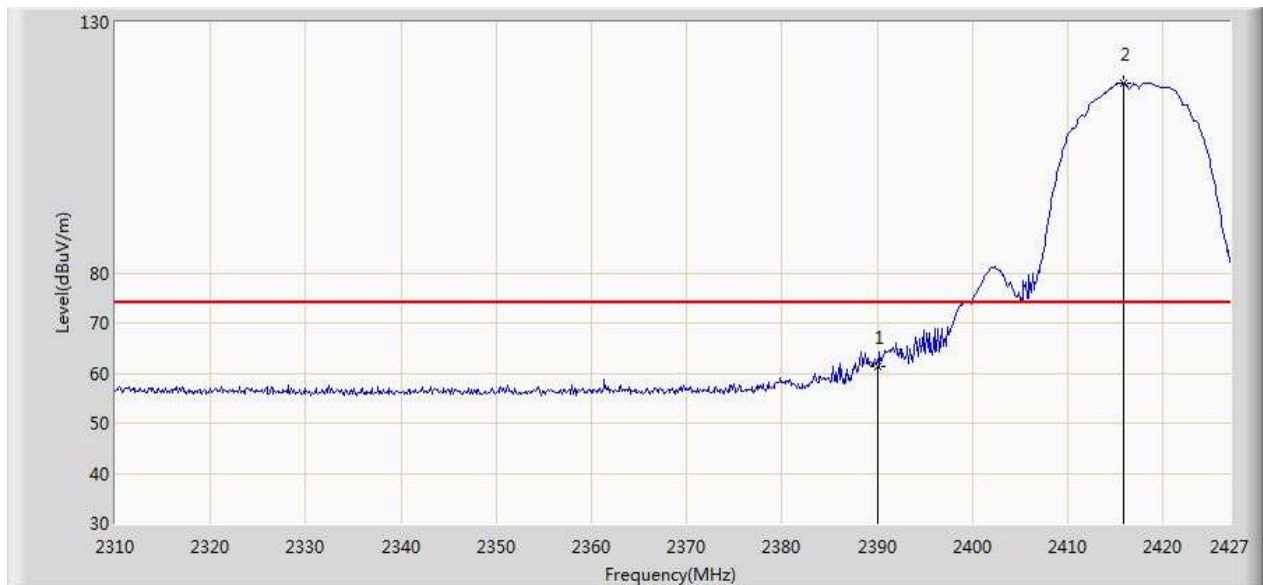
Freq (MHz)	Level (dBUV/m)	Reading (dBUV)	Detector	C.F (dB)	Limit (dBUV/m)	Margin (dB)
2386.50	64.35	33.65	Peak	30.70	74.00	-9.65
2390.00	62.18	31.49	Peak	30.69	74.00	-11.82
2413.15	118.37	87.73	Peak	30.64	N/A	N/A

Test Engineer:	Roy Cheng	Test Data:	2013-11-12- 10:18:51
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11b Chain 1 + 2 + 3 - Channel 2412MHz			



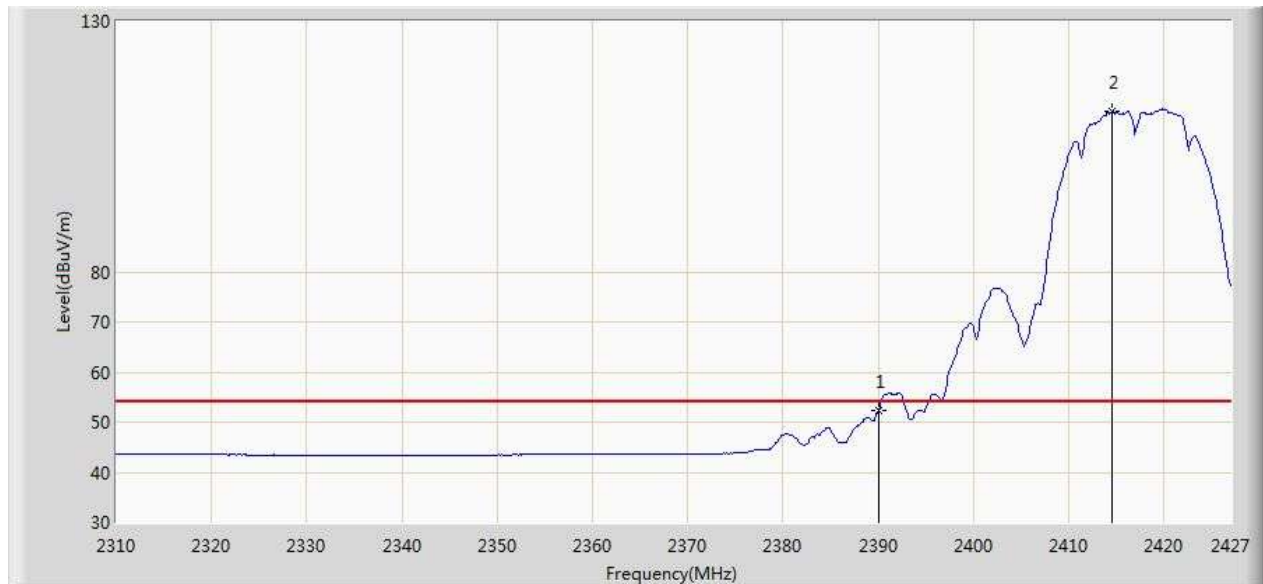
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Margin (dB)
2387.06	50.95	20.26	Average	30.69	54.00	-3.05
2390.00	48.93	18.24	Average	30.69	54.00	-5.07
2412.82	112.82	82.18	Average	30.64	N/A	N/A

Test Engineer:	Roy Cheng	Test Data:	2013-11-12- 10:22:37
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11b Chain 1 + 2 + 3 - Channel 2417MHz			



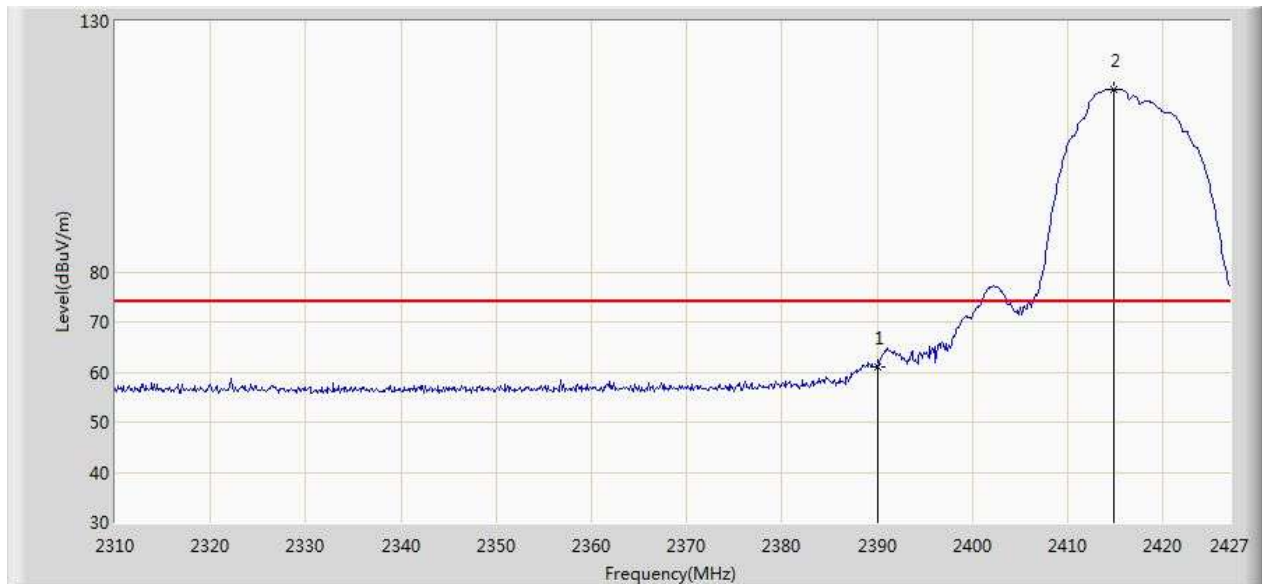
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Margin (dB)
2390.00	61.37	30.69	Peak	30.68	74.00	-12.63
2415.88	117.93	87.29	Peak	30.63	N/A	N/A

Test Engineer:	Roy Cheng	Test Data:	2013-11-12- 10:24:43
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11b Chain 1 + 2 + 3 - Channel 2417MHz			



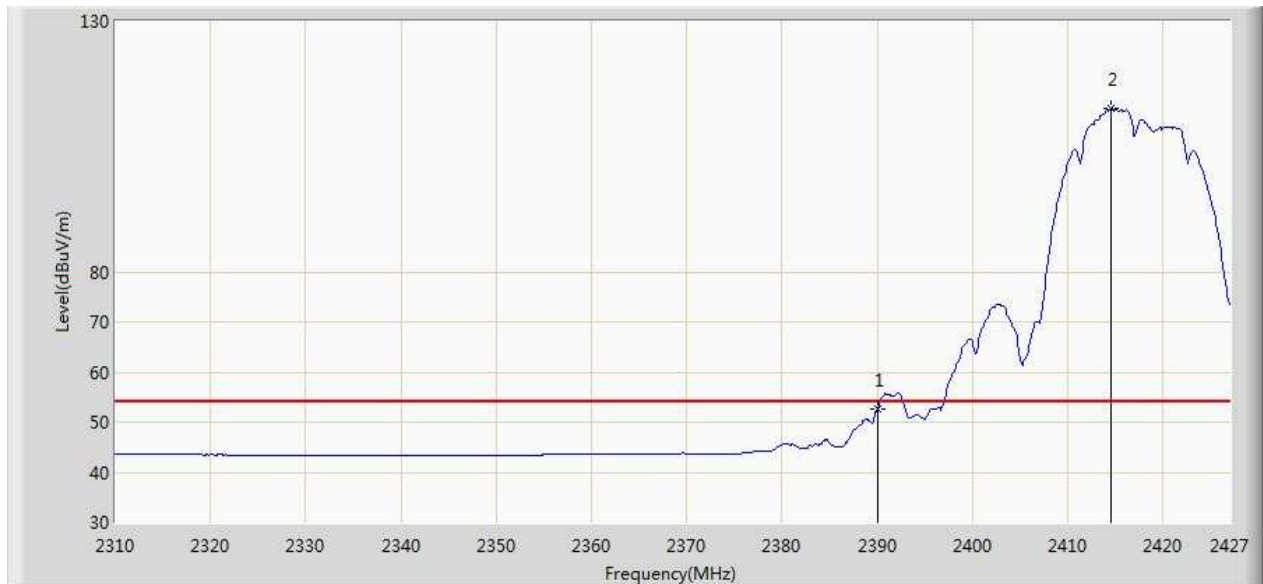
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Margin (dB)
2390.00	52.27	21.59	Average	30.68	54.00	-1.73
2414.59	111.91	81.27	Average	30.64	N/A	N/A

Test Engineer:	Roy Cheng	Test Data:	2013-11-12- 10:14:25
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11b Chain 1 + 2 + 3 - Channel 2417MHz			



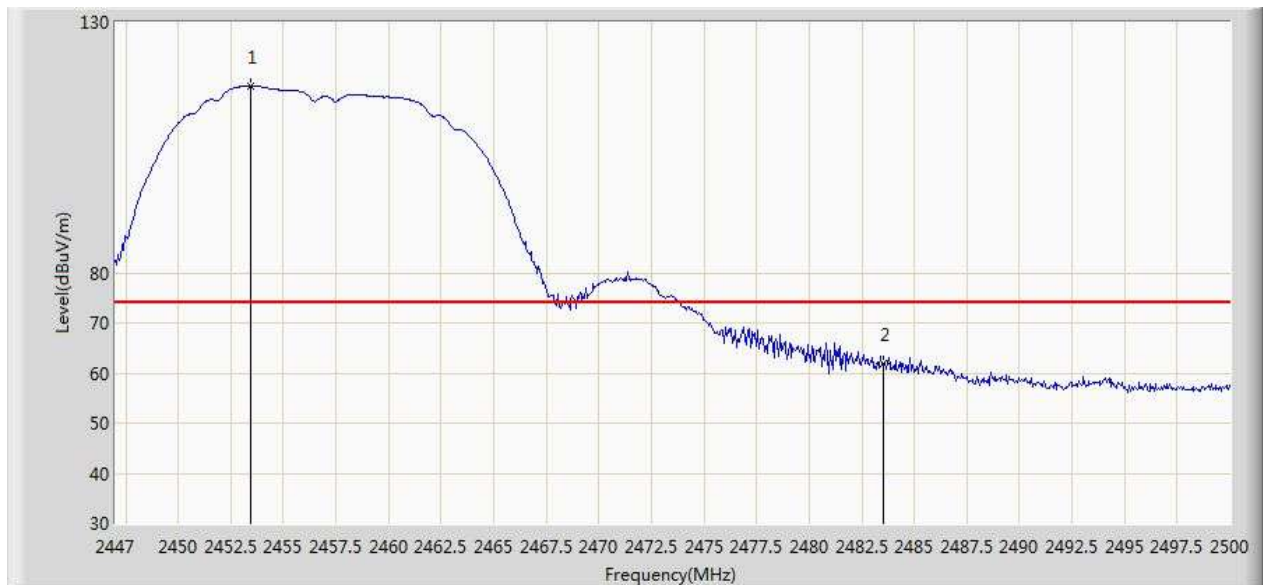
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Margin (dB)
2390.00	61.09	30.41	Peak	30.68	74.00	-12.91
2414.83	116.34	85.70	Peak	30.64	N/A	N/A

Test Engineer:	Roy Cheng	Test Data:	2013-11-12- 10:18:51
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11b Chain 1 + 2 + 3 - Channel 2417MHz			



Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Margin (dB)
2390.00	52.49	21.81	Average	30.68	54.00	-1.51
2414.59	112.50	81.86	Average	30.64	N/A	N/A

Test Engineer:	Roy Cheng	Test Data:	2013-11-12- 10:30:29
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11b Chain 1 + 2 + 3 - Channel 2457MHz			



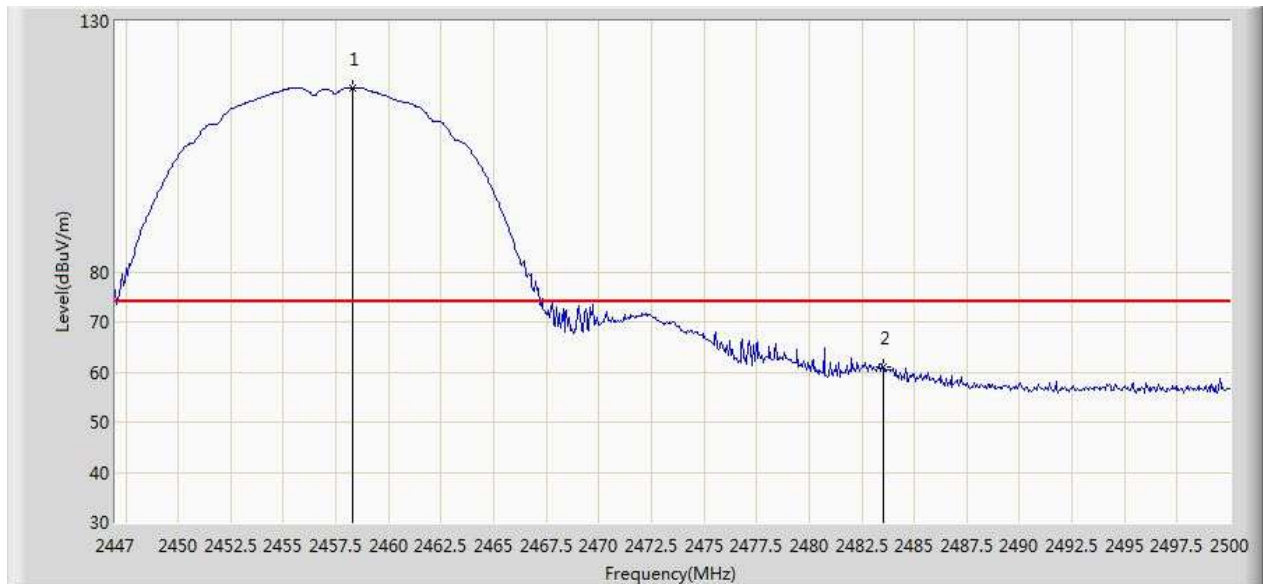
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Margin (dB)
2453.41	117.25	86.66	Peak	30.59	N/A	N/A
2483.50	61.82	31.15	Peak	30.67	74.00	-12.18

Test Engineer:	Roy Cheng	Test Data:	2013-11-12- 10:36:44
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11b Chain 1 + 2 + 3 - Channel 2457MHz			



Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Margin (dB)
2454.15	113.41	82.82	Average	30.59	N/A	N/A
2483.50	48.72	18.05	Average	30.67	54.00	-5.28

Test Engineer:	Roy Cheng	Test Data:	2013-11-12- 10:39:25
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11b Chain 1 + 2 + 3 - Channel 2457MHz			



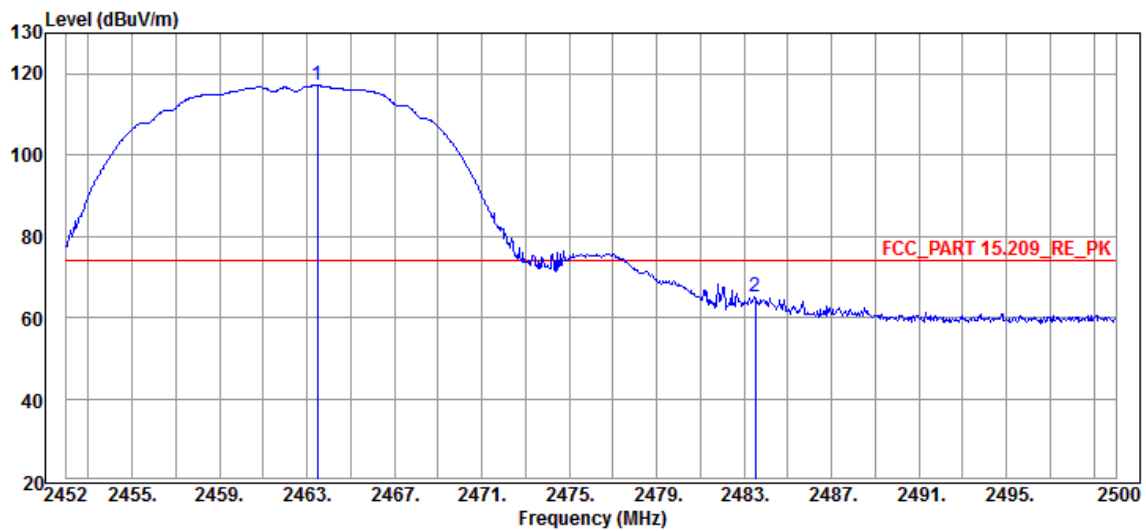
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Margin (dB)
2458.28	116.80	86.20	Peak	30.60	N/A	N/A
2483.50	60.93	30.26	Peak	30.67	74.00	-13.07

Test Engineer:	Roy Cheng	Test Data:	2013-11-12- 10:41:24
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11b Chain 1 + 2 + 3 - Channel 2457MHz			



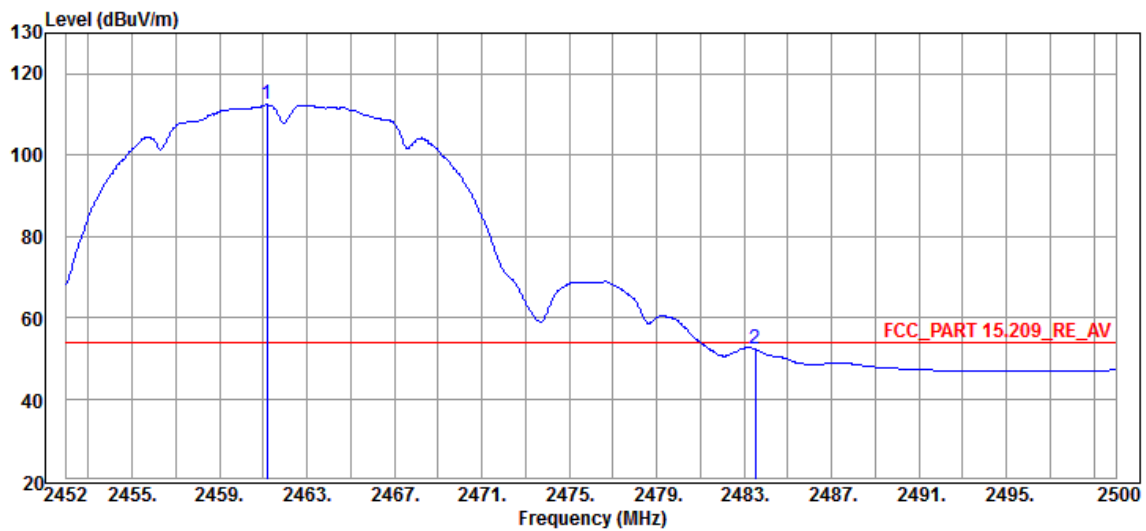
Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Margin (dB)
2456.16	112.52	81.92	Average	30.60	N/A	N/A
2483.50	49.02	18.35	Average	30.67	54.00	-4.98

Test Engineer:	Roy Cheng	Test Data:	2013-11-12- 10:30:29
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11b Chain 1 + 2 + 3 - Channel 2462MHz			



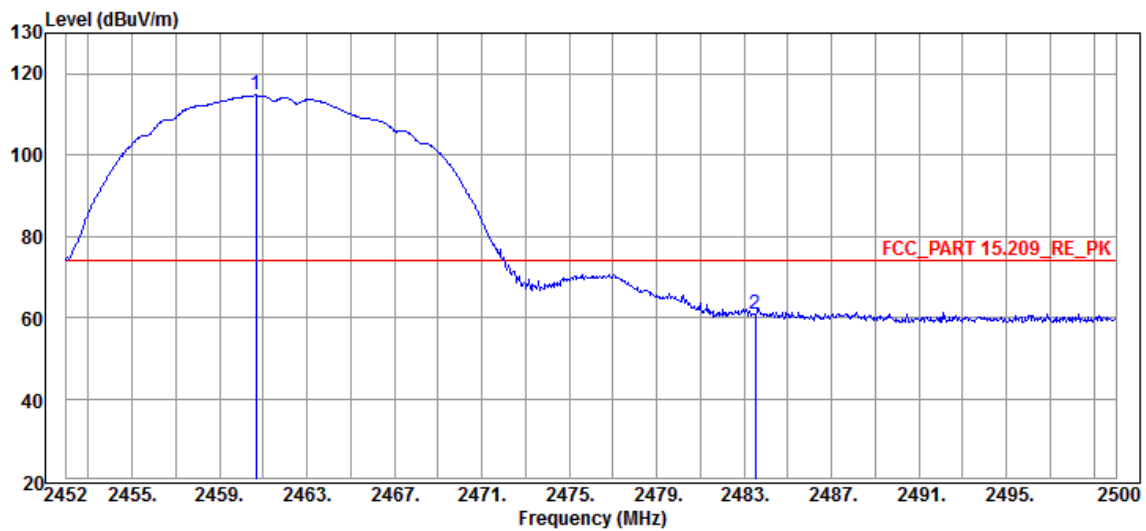
Freq (MHz)	Level (dB μ V/m)	Reading (dB μ V)	Detector	C.F (dB)	Limit (dB μ V/m)	Margin (dB)
2463.47	117.02	86.42	Peak	30.60	N/A	N/A
2483.50	65.19	34.51	Peak	30.68	74.00	-8.81

Test Engineer:	Roy Cheng	Test Data:	2013-11-12- 10:36:44
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11b Chain 1 + 2 + 3 - Channel 2462MHz			



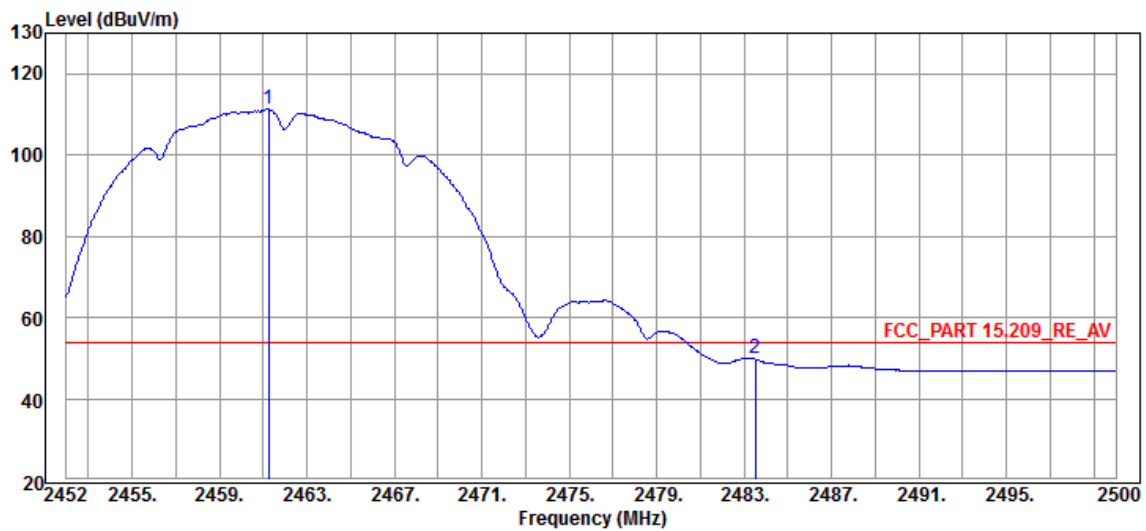
Freq (MHz)	Level (dB μ V/m)	Reading (dB μ V)	Detector	C.F (dB)	Limit (dB μ V/m)	Margin (dB)
2461.17	112.36	81.76	Average	30.60	N/A	N/A
2483.50	52.27	21.59	Average	30.68	54.00	-1.73

Test Engineer:	Roy Cheng	Test Data:	2013-11-12- 10:39:25
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11b Chain 1 + 2 + 3 - Channel 2462MHz			



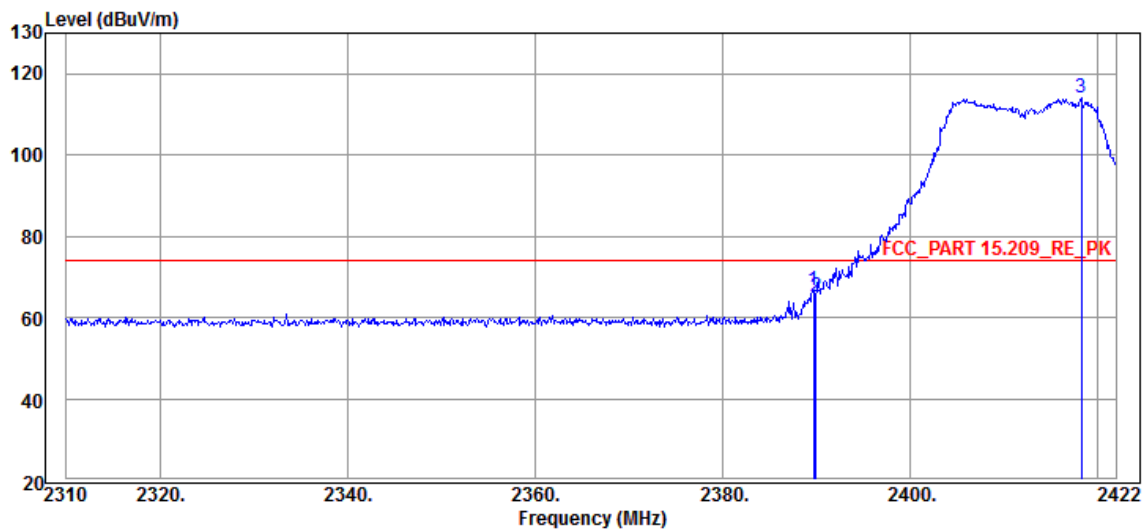
Freq (MHz)	Level (dBUV/m)	Reading (dBUV)	Detector	C.F (dB)	Limit (dBUV/m)	Margin (dB)
2460.69	114.67	84.07	Peak	30.60	N/A	N/A
2483.50	60.89	30.21	Peak	30.68	74.00	-13.11

Test Engineer:	Roy Cheng	Test Data:	2013-11-12- 10:41:24
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11b Chain 1 + 2 + 3 - Channel 2462MHz			



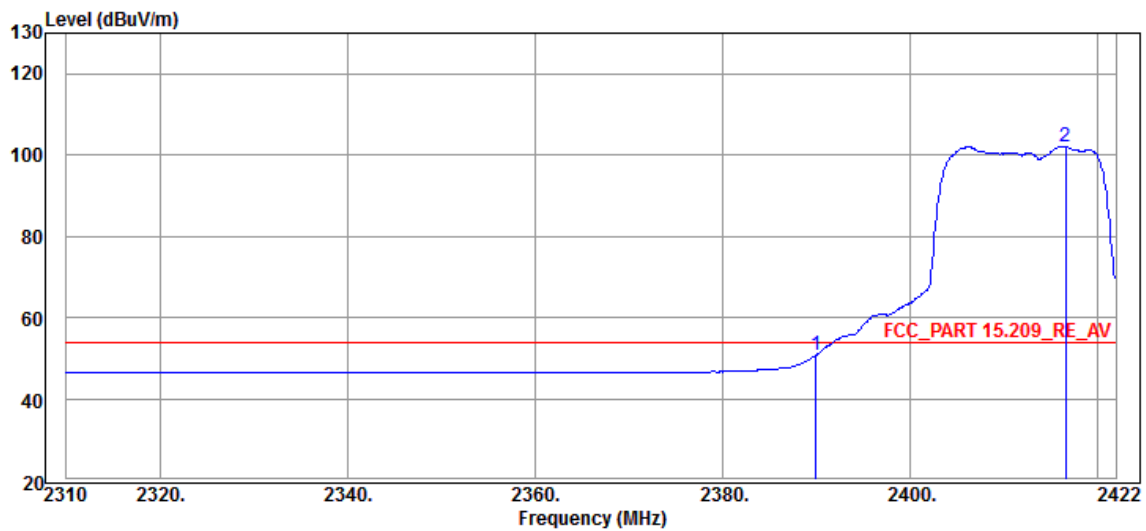
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Margin (dB)
2461.26	111.19	80.59	Average	30.60	N/A	N/A
2483.50	49.79	19.11	Average	30.68	54.00	-4.21

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 10:59:18
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2412MHz			



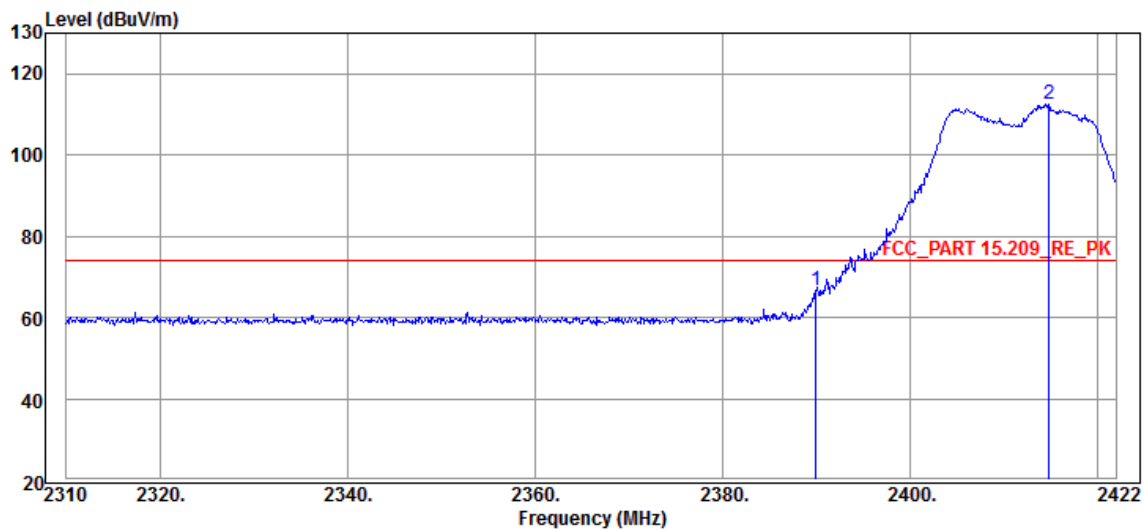
Freq (MHz)	Level (dBUV/m)	Reading (dBUV)	Detector	C.F (dB)	Limit (dBUV/m)	Over Limit (dB)
2389.74	66.70	36.01	Peak	30.69	74.00	-7.30
2390.00	65.08	34.39	Peak	30.69	74.00	-8.92
2418.30	113.96	83.33	Peak	30.63	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:01:34
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2412MHz			



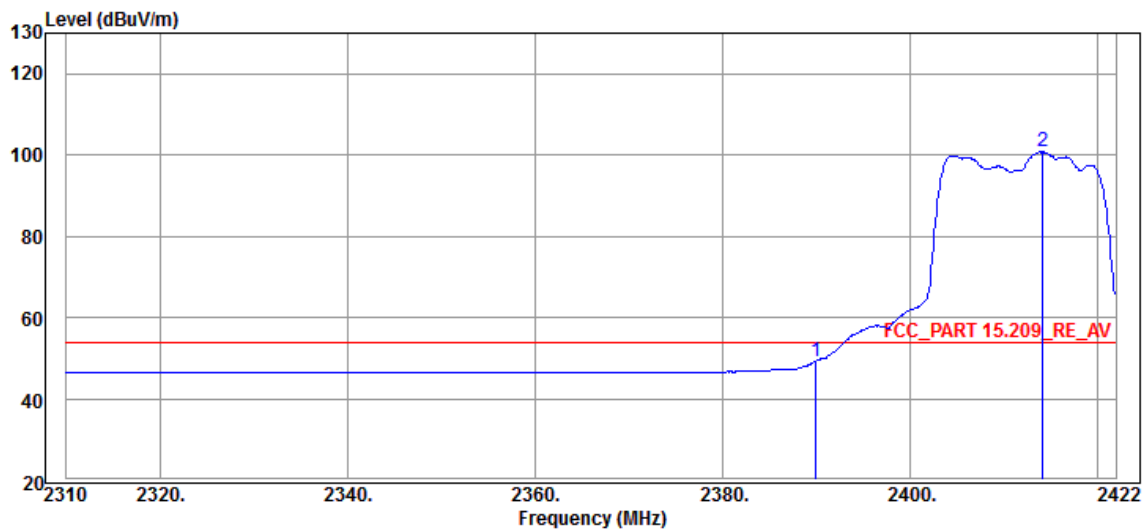
Freq (MHz)	Level (dBUV/m)	Reading (dBUV)	Detector	C.F (dB)	Limit (dBUV/m)	Over Limit (dB)
2390.00	50.52	19.83	Average	30.69	54.00	-3.48
2416.62	102.11	71.48	Average	30.63	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:03:50
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2412MHz			



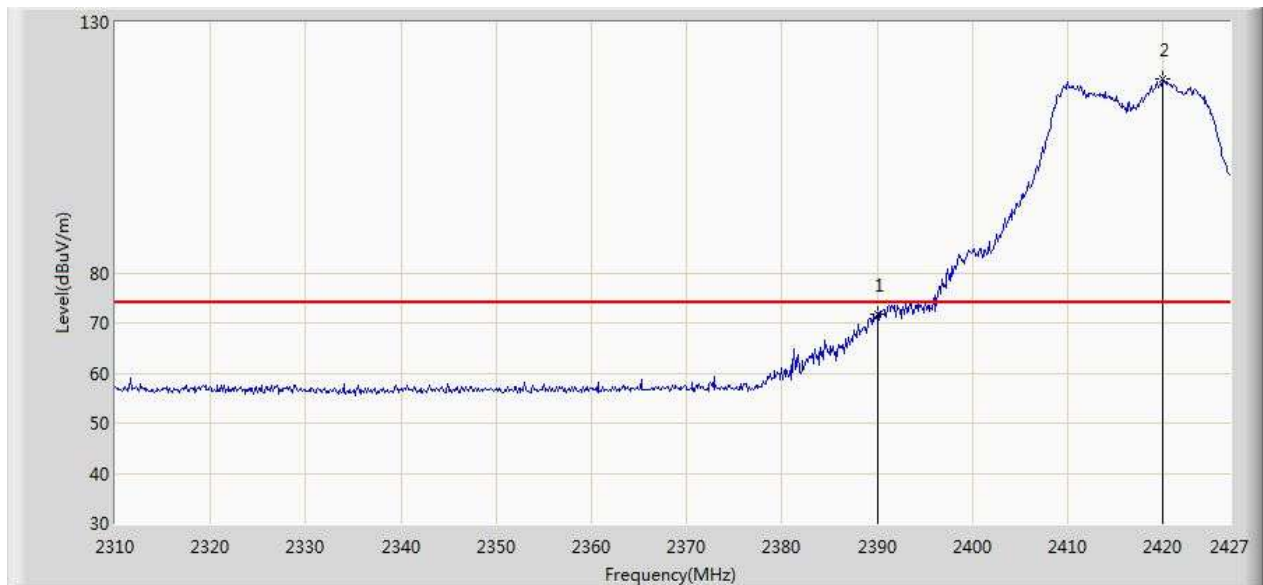
Freq (MHz)	Level (dBUV/m)	Reading (dBUV)	Detector	C.F (dB)	Limit (dBUV/m)	Over Limit (dB)
2390.00	66.59	35.90	Peak	30.69	74.00	-7.41
2414.83	112.45	81.82	Peak	30.63	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:07:09
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2412MHz			



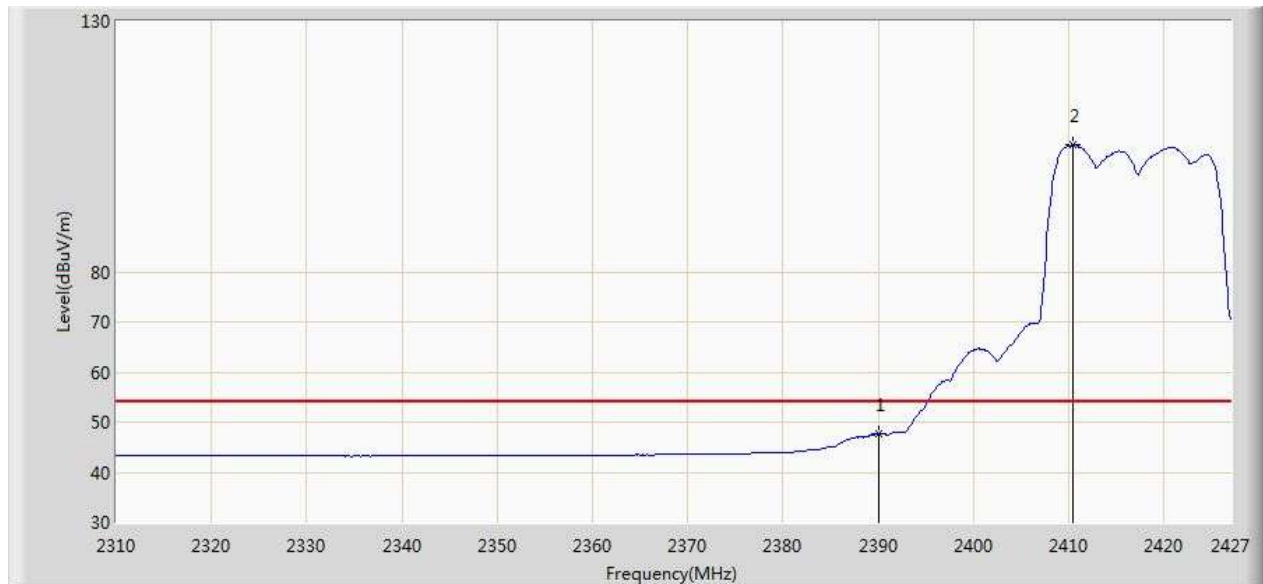
Freq (MHz)	Level (dBUV/m)	Reading (dBUV)	Detector	C.F (dB)	Limit (dBUV/m)	Over Limit (dB)
2390.00	49.25	18.56	Average	30.69	54.00	-4.75
2414.16	100.71	70.07	Average	30.64	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 10:59:18
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2417MHz			



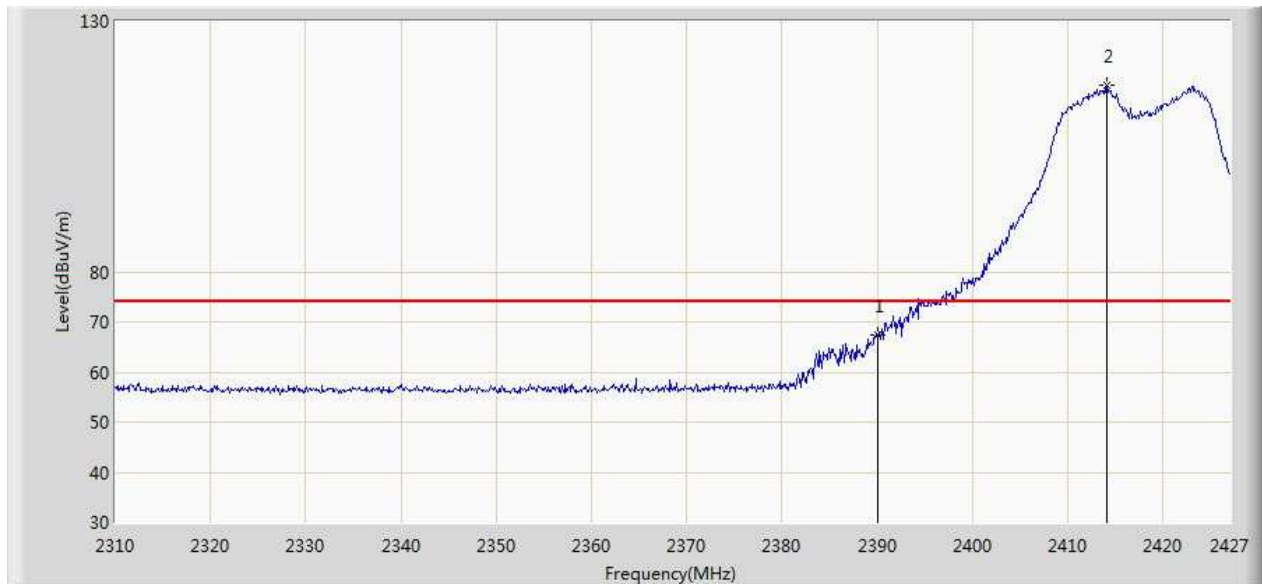
Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Over Limit (dB)
2390.00	71.83	41.15	Peak	30.68	74.00	-2.17
2419.98	118.79	88.16	Peak	30.63	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:01:34
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2417MHz			



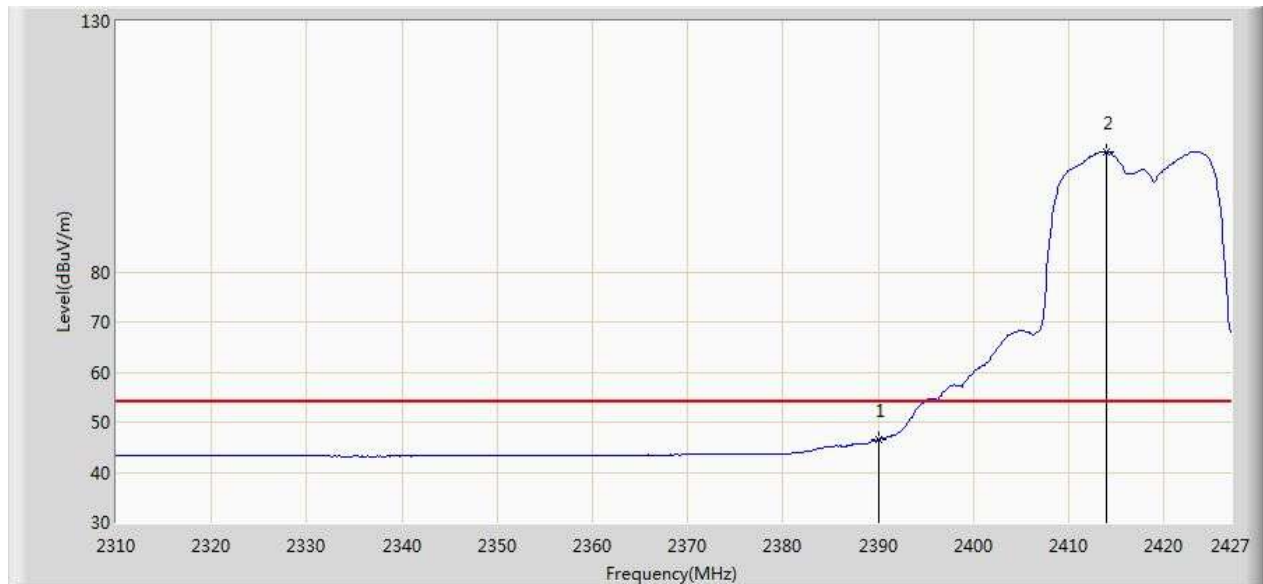
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2390.00	47.55	16.87	Average	30.68	54.00	-6.45
2410.38	105.21	74.57	Average	30.64	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:03:50
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2417MHz			



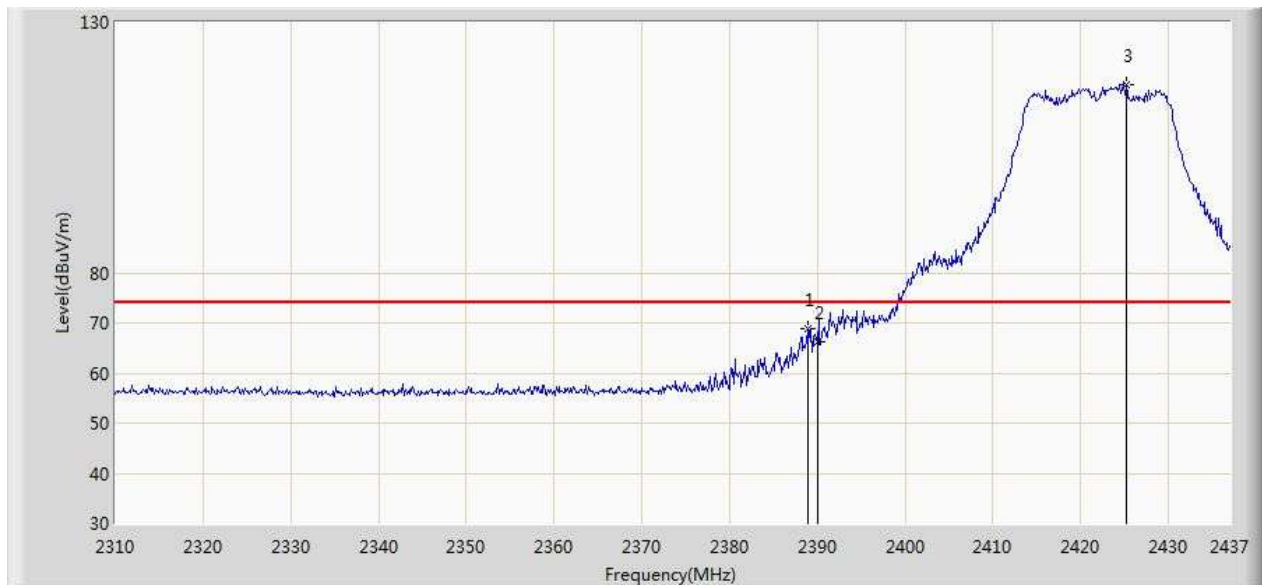
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2390.00	67.30	36.62	Peak	30.68	74.00	-6.70
2414.13	117.12	86.48	Peak	30.64	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:07:09
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2417MHz			



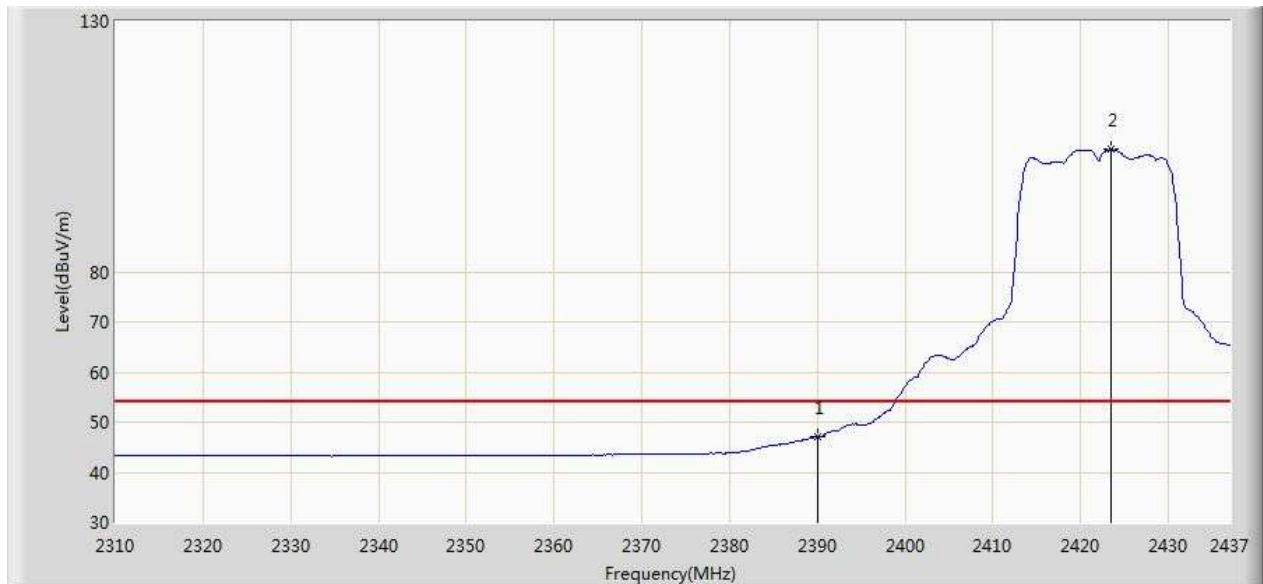
Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Over Limit (dB)
2390.00	46.45	15.77	Average	30.68	54.00	-7.55
2414.01	103.89	73.25	Average	30.64	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 10:59:18
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2422MHz			



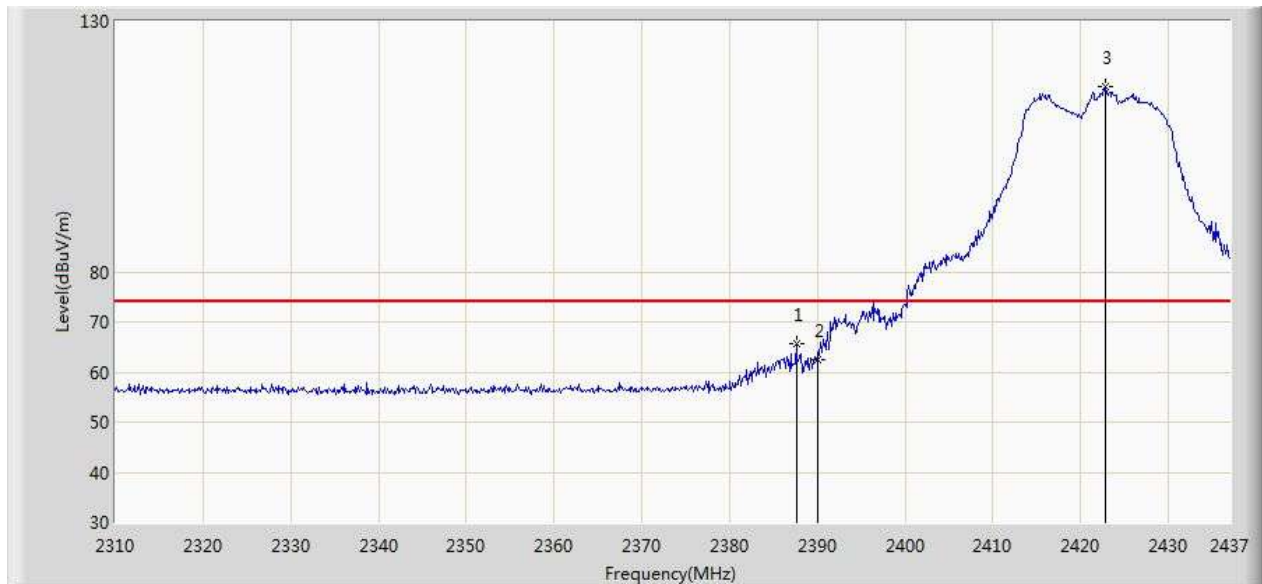
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2388.86	68.79	38.11	Peak	30.68	74.00	-5.21
2390.00	66.36	35.68	Peak	30.68	74.00	-7.64
2425.18	117.58	86.96	Peak	30.62	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:01:34
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2422MHz			



Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2390.00	47.08	16.40	Average	30.68	54.00	-6.92
2423.53	104.40	73.78	Average	30.62	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:03:50
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2422MHz			



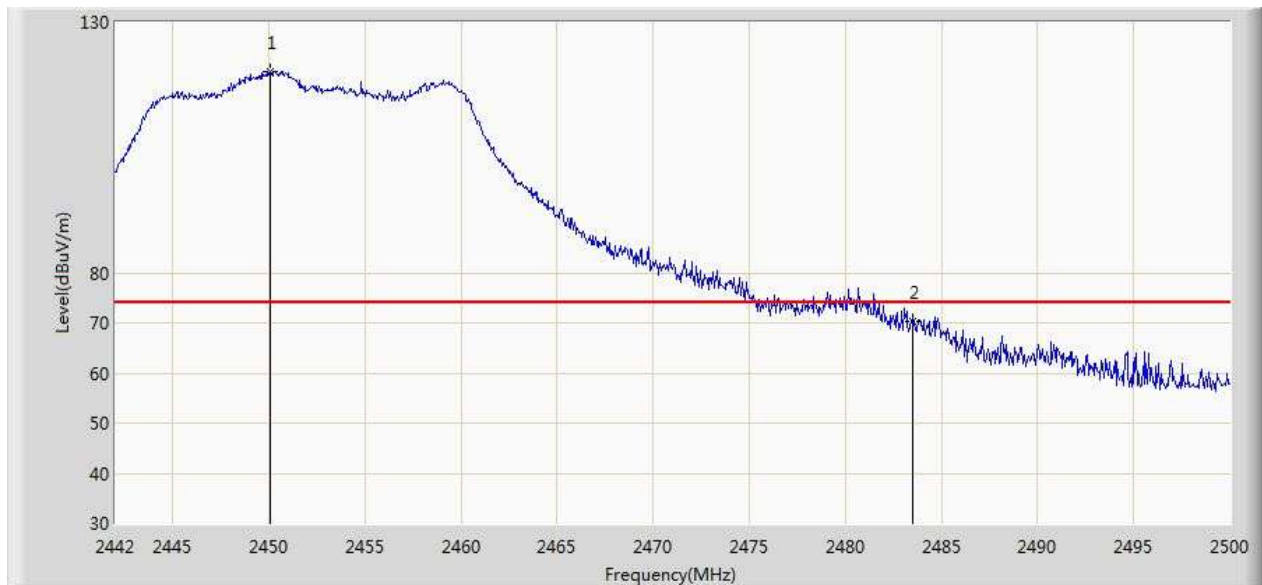
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2387.59	65.67	34.99	Peak	30.68	74.00	-8.33
2390.00	62.52	31.84	Peak	30.68	74.00	-11.48
2422.90	116.90	86.28	Peak	30.62	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:07:09
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2422MHz			



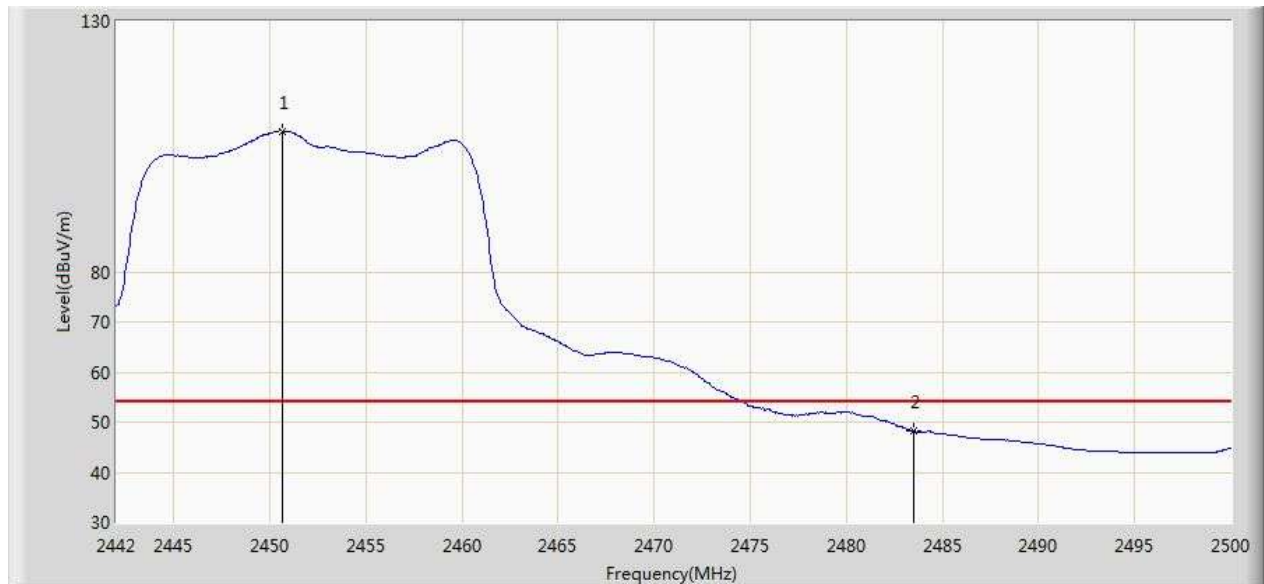
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2390.00	45.48	14.80	Average	30.68	54.00	-8.52
2423.15	104.14	73.52	Average	30.62	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:10:38
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2452MHz			



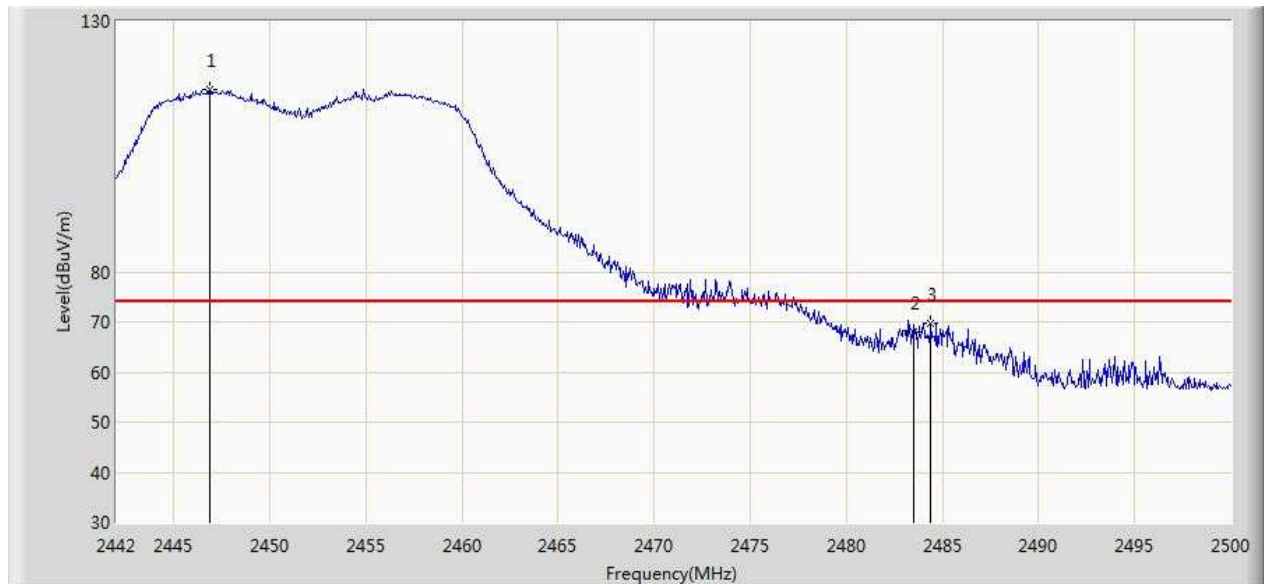
Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Over Limit (dB)
2450.06	120.27	89.68	Peak	30.59	N/A	N/A
2483.50	70.26	39.59	Peak	30.67	74.00	-3.74

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:14:06
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2452MHz			



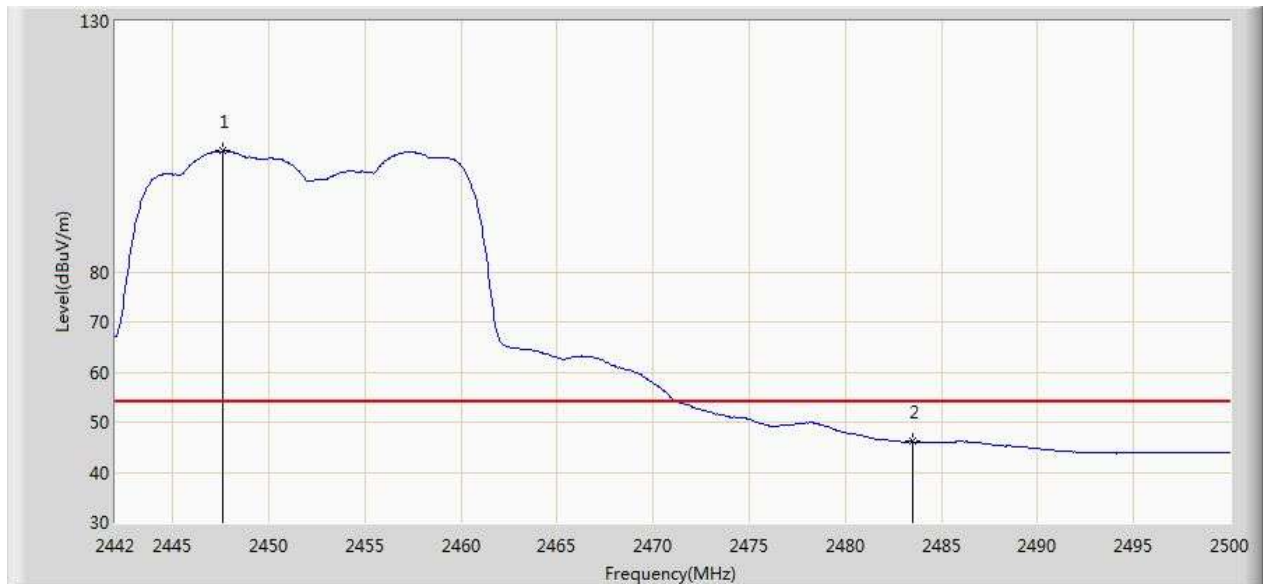
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2450.64	108.10	77.51	Average	30.59	N/A	N/A
2483.50	48.23	17.56	Average	30.67	54.00	-5.77

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:16:58
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2452MHz			



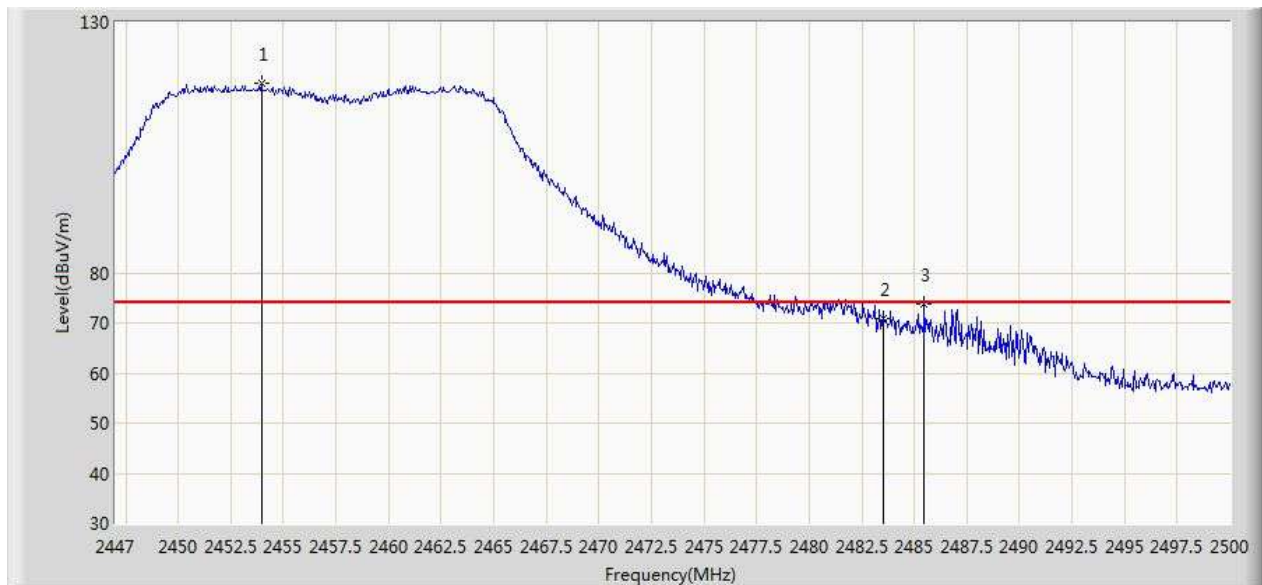
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2446.87	116.31	85.73	Peak	30.58	N/A	N/A
2483.50	67.89	37.22	Peak	30.67	74.00	-6.11
2484.39	69.65	38.98	Peak	30.67	74.00	-4.35

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:21:59
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2452MHz			



Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2447.62	104.07	73.48	Average	30.59	N/A	N/A
2483.50	46.08	15.41	Average	30.67	54.00	-7.92

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:10:38
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2457MHz			



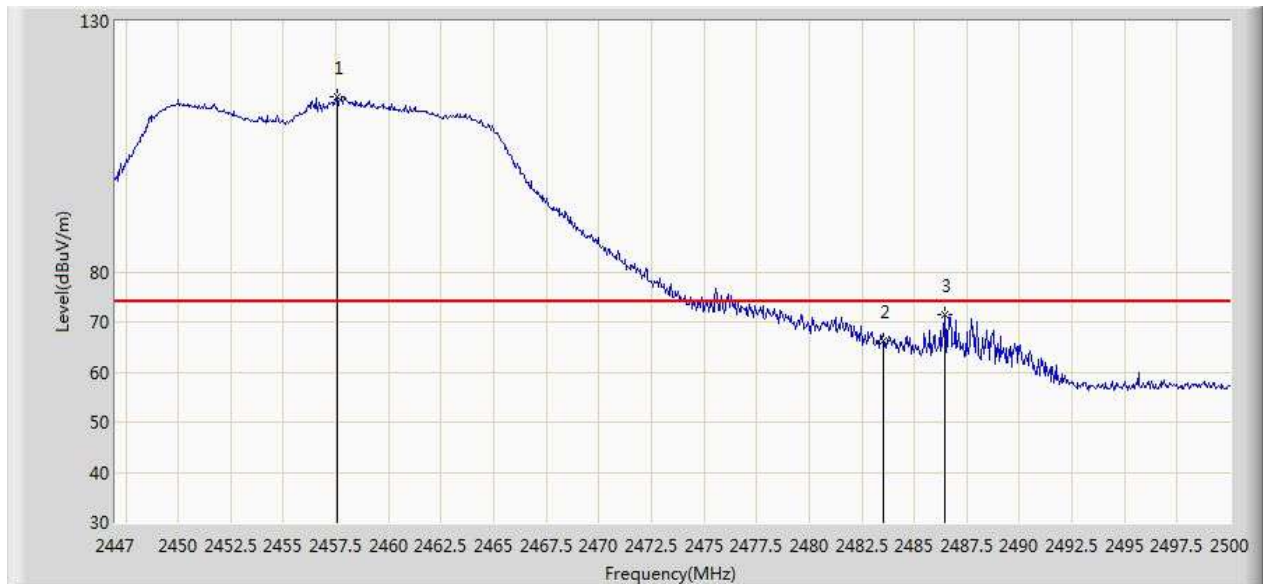
Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Over Limit (dB)
2453.94	117.86	87.27	Peak	30.59	N/A	N/A
2483.50	70.74	40.07	Peak	30.67	74.00	-3.26
2485.47	73.63	42.96	Peak	30.67	74.00	-0.37

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:14:06
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2457MHz			



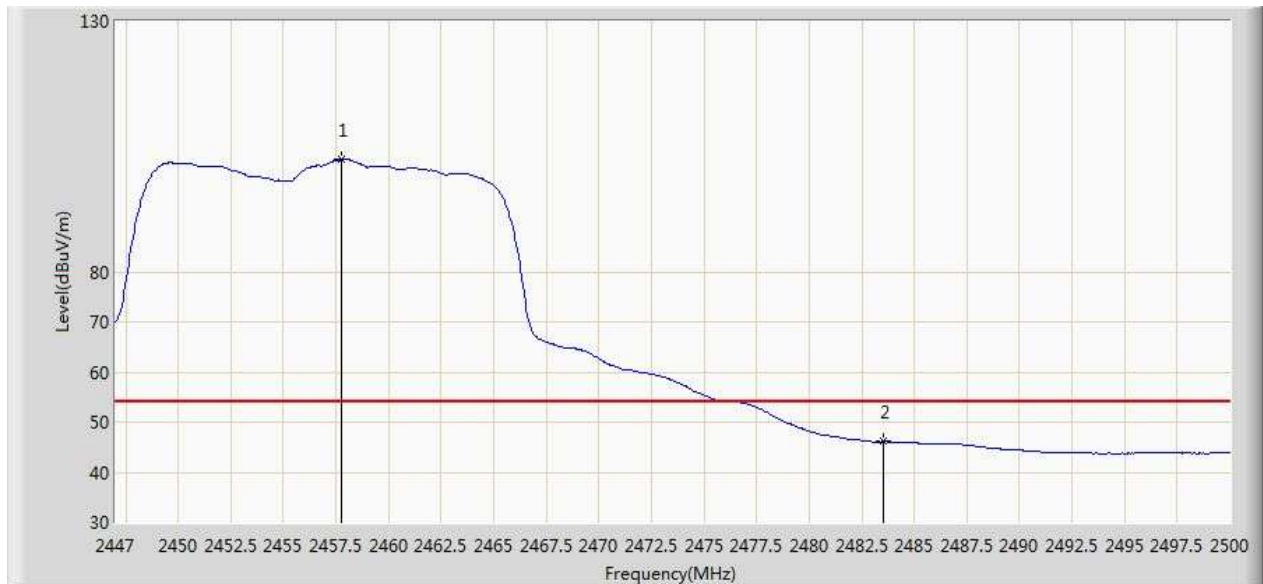
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2453.57	105.05	74.46	Average	30.59	N/A	N/A
2483.50	48.47	17.80	Average	30.67	54.00	-5.53

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:16:58
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2457MHz			



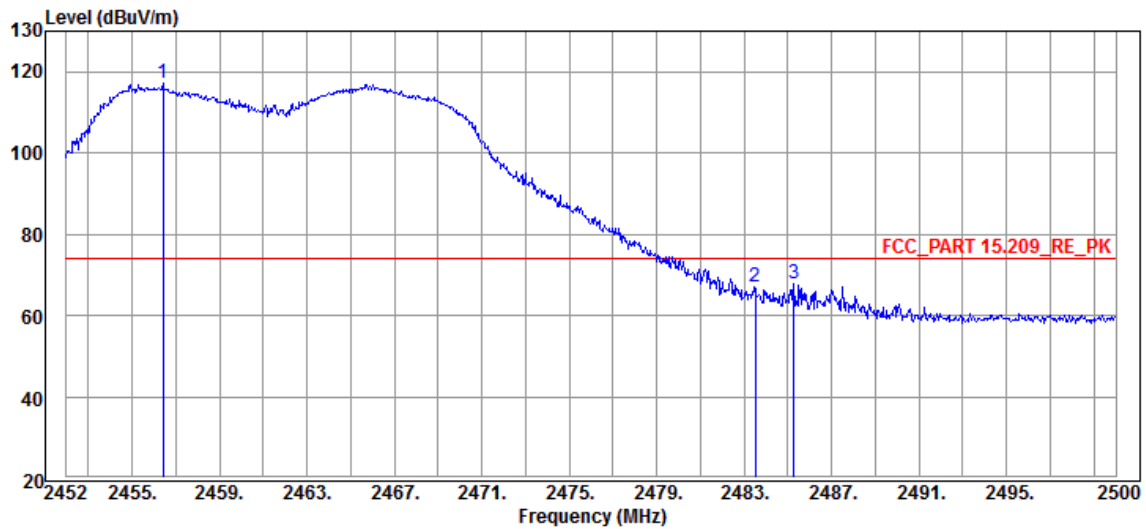
Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Over Limit (dB)
2457.54	115.02	84.42	Peak	30.60	N/A	N/A
2483.50	66.13	35.46	Peak	30.67	74.00	-7.87
2486.43	71.56	40.88	Peak	30.68	74.00	-2.44

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:21:59
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2457MHz			



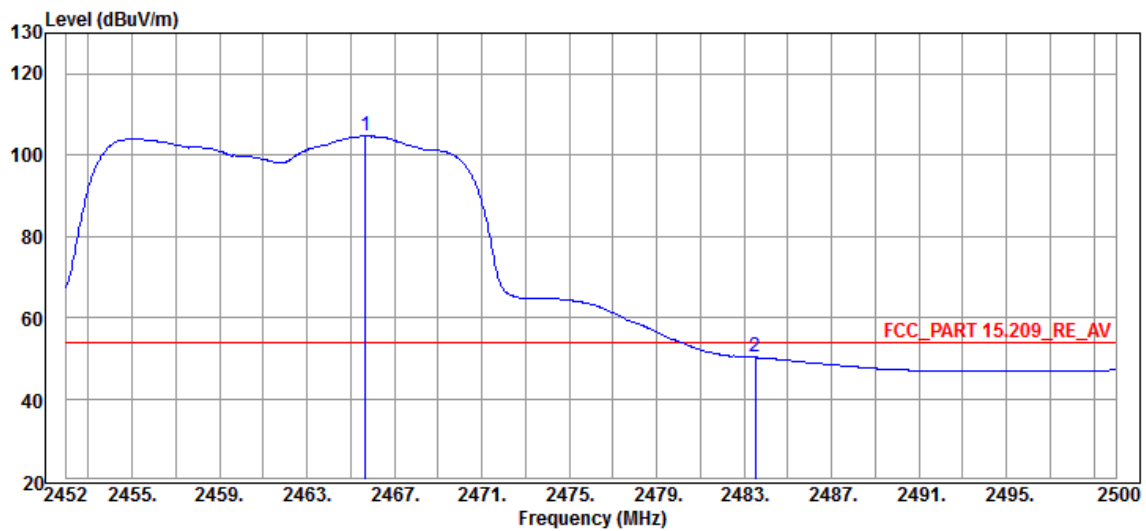
Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Over Limit (dB)
2457.75	102.41	71.81	Average	30.60	N/A	N/A
2483.50	46.10	15.43	Average	30.67	54.00	-7.90

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:10:38
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2462MHz			



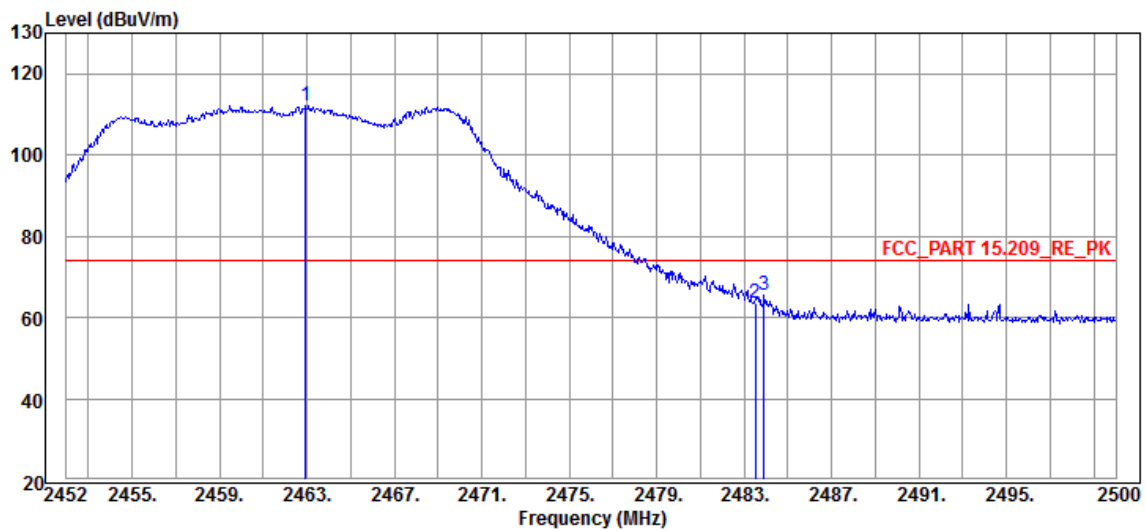
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2456.42	117.07	86.48	Peak	30.59	N/A	N/A
2483.50	66.85	36.17	Peak	30.68	74.00	-7.15
2485.26	67.93	37.25	Peak	30.68	74.00	-6.07

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:14:06
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2462MHz			



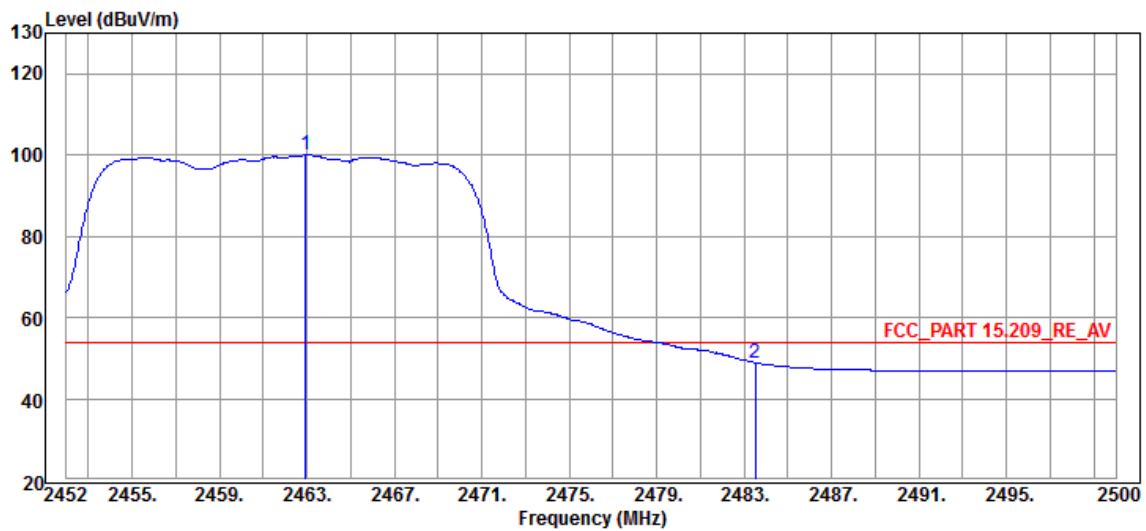
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2465.68	104.63	74.00	Average	30.63	N/A	N/A
2483.50	50.14	19.46	Average	30.68	54.00	-3.86

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:16:58
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2462MHz			



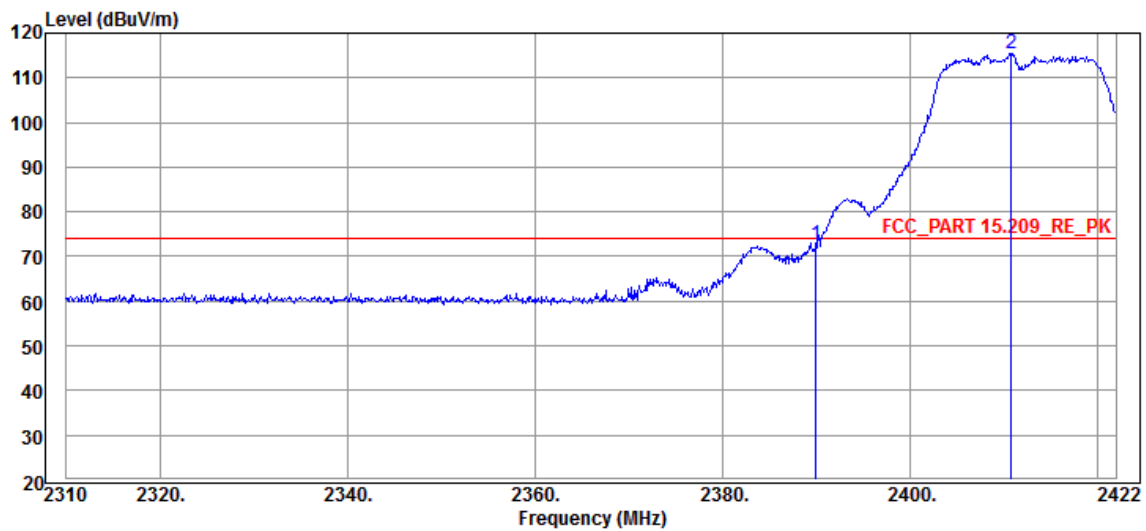
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2462.94	112.31	81.71	Peak	30.60	N/A	N/A
2483.50	63.56	32.88	Peak	30.68	74.00	-10.44
2483.92	65.33	34.65	Peak	30.68	74.00	-8.67

Test Engineer:	Roy Cheng	Test Data	2013-11-12- 11:21:59
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11g Chain 1 + 2 + 3 - Channel 2462MHz			



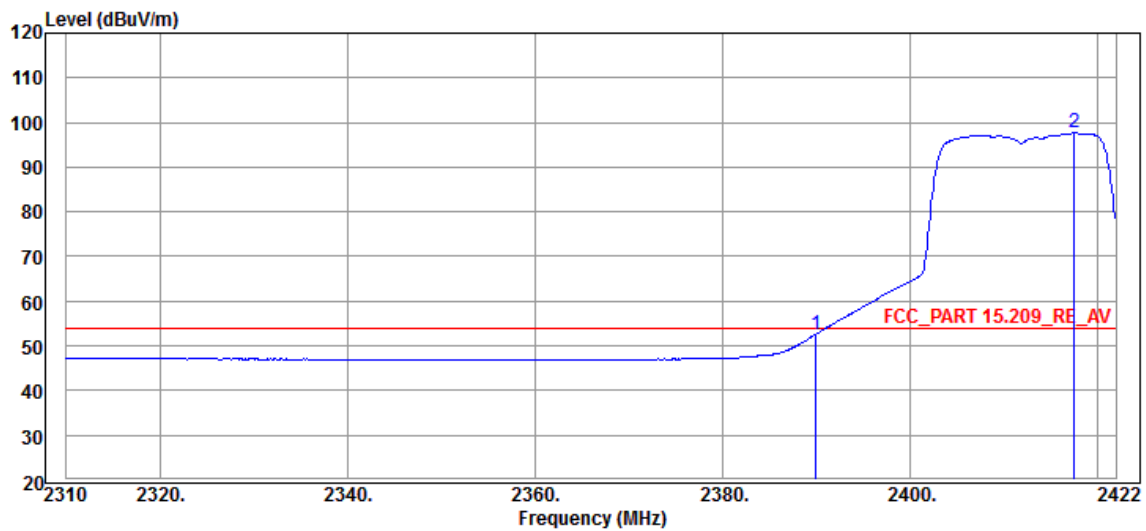
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2462.94	99.95	69.35	Average	30.60	N/A	N/A
2483.50	48.88	18.20	Average	30.68	54.00	-5.12

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:32:53
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2412MHz			



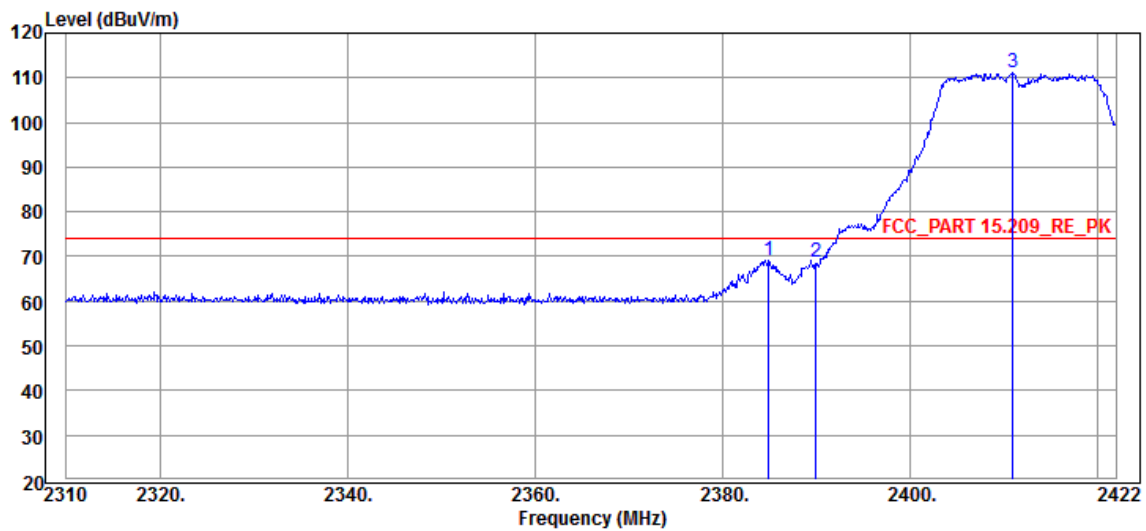
Freq (MHz)	Level (dBUV/m)	Reading (dBUV)	Detector	C.F (dB)	Limit (dBUV/m)	Over Limit (dB)
2390.00	72.81	42.12	Peak	30.69	74.00	-1.19
2410.80	115.50	84.86	Peak	30.64	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:37:06
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2412MHz			



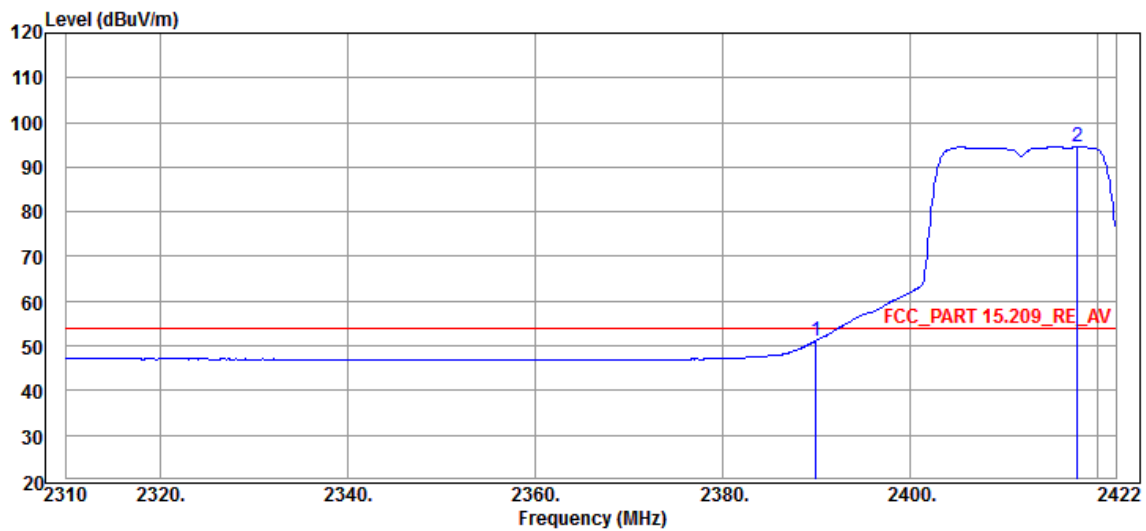
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2390.00	52.57	21.88	Average	30.69	54.00	-1.43
2417.52	97.61	66.98	Average	30.63	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:41:22
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2412MHz			



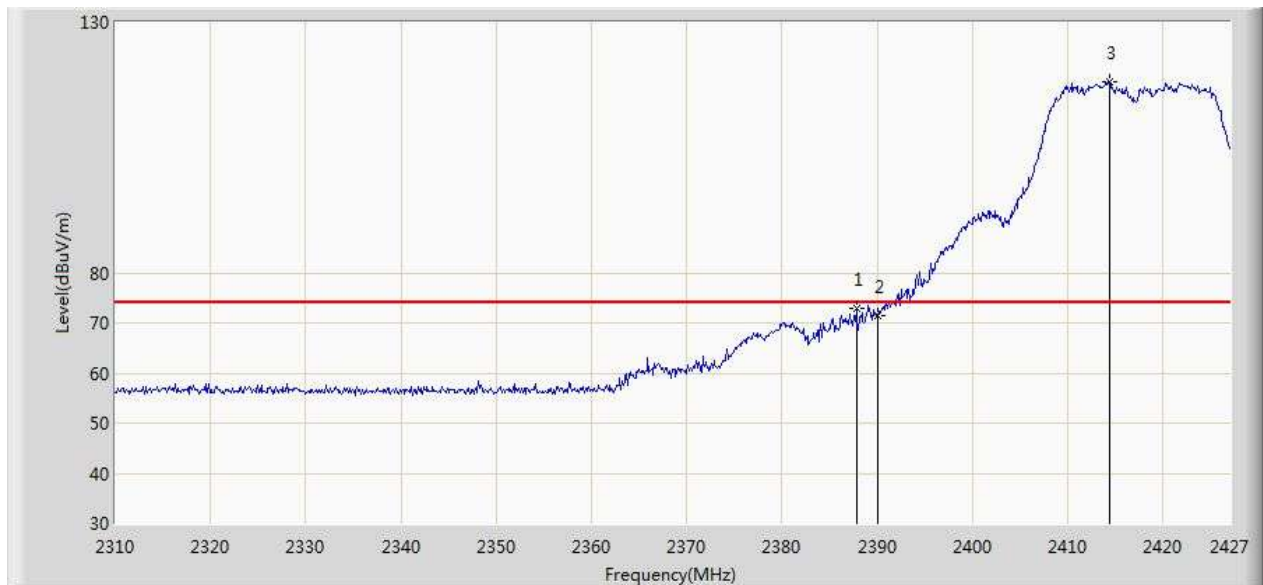
Freq (MHz)	Level (dBUV/m)	Reading (dBUV)	Detector	C.F (dB)	Limit (dBUV/m)	Over Limit (dB)
2384.93	69.11	38.41	Peak	30.70	74.00	-4.89
2390.00	68.76	38.07	Peak	30.69	74.00	-5.24
2411.02	111.29	80.65	Peak	30.64	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:42:11
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2412MHz			



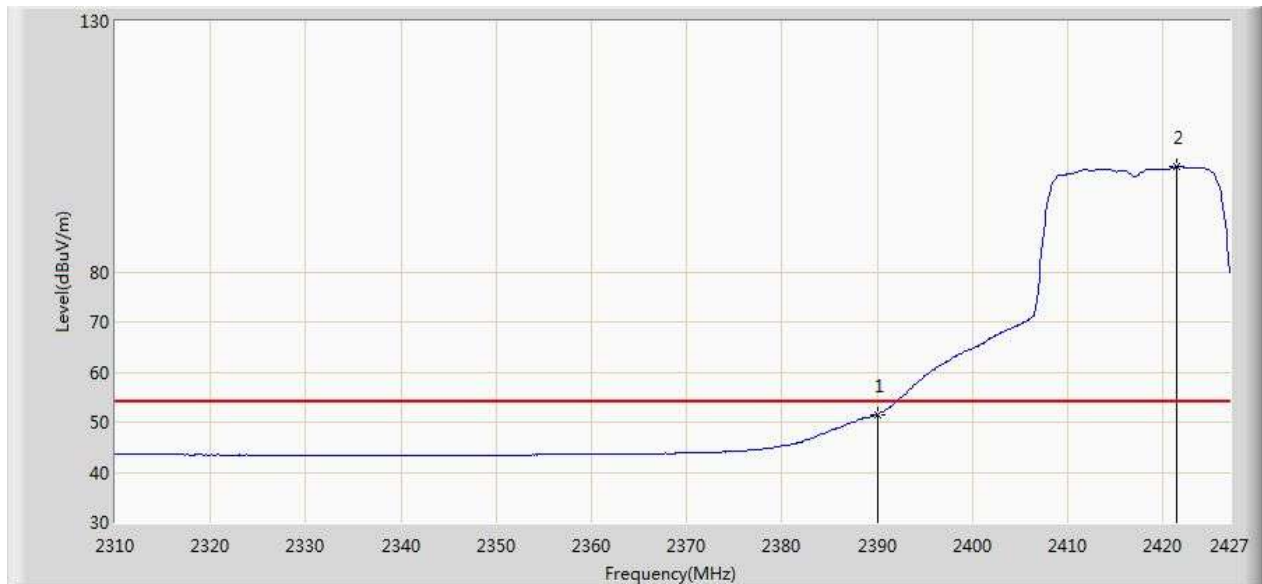
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2390.00	51.17	20.48	Average	30.69	54.00	-2.83
2417.86	94.57	63.94	Average	30.63	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:32:53
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2417MHz			



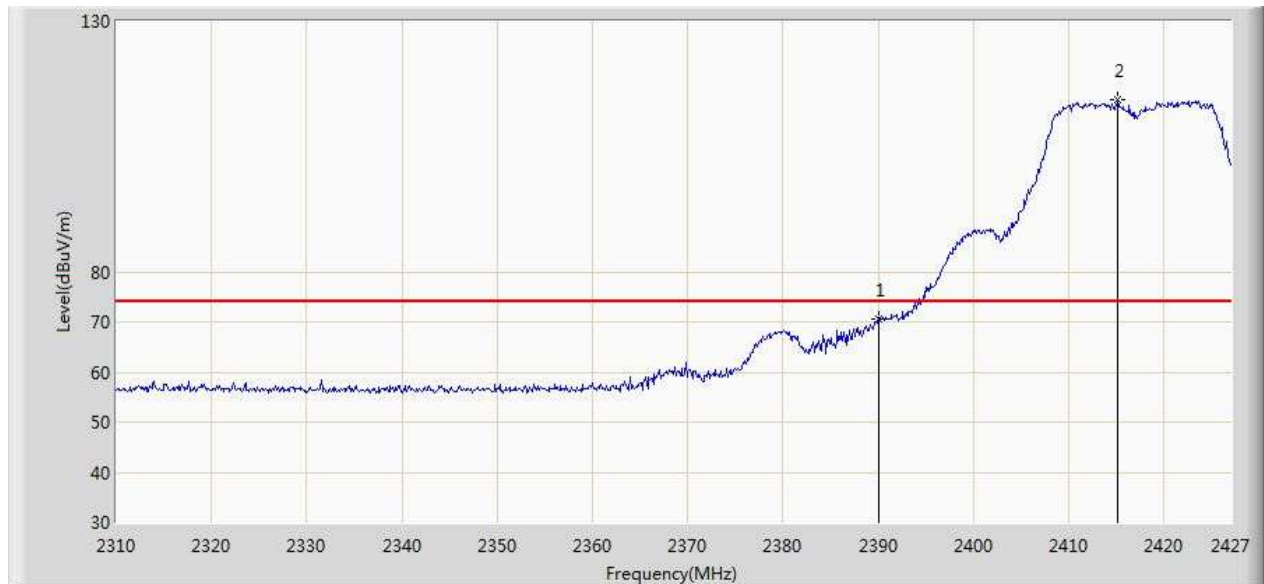
Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Over Limit (dB)
2387.80	73.02	42.34	Peak	30.68	74.00	-0.98
2390.00	71.51	40.83	Peak	30.68	74.00	-2.49
2414.36	118.06	87.42	Peak	30.64	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:37:06
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2417MHz			



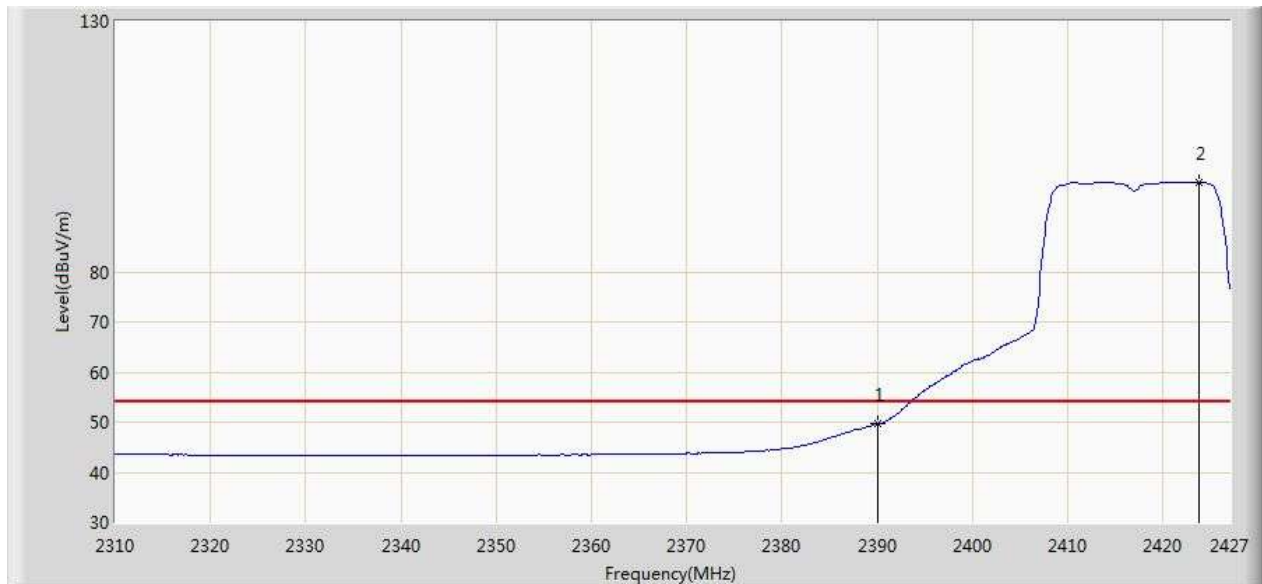
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2390.00	51.55	20.87	Average	30.68	54.00	-2.45
2421.50	100.91	70.28	Average	30.63	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:41:22
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2417MHz			



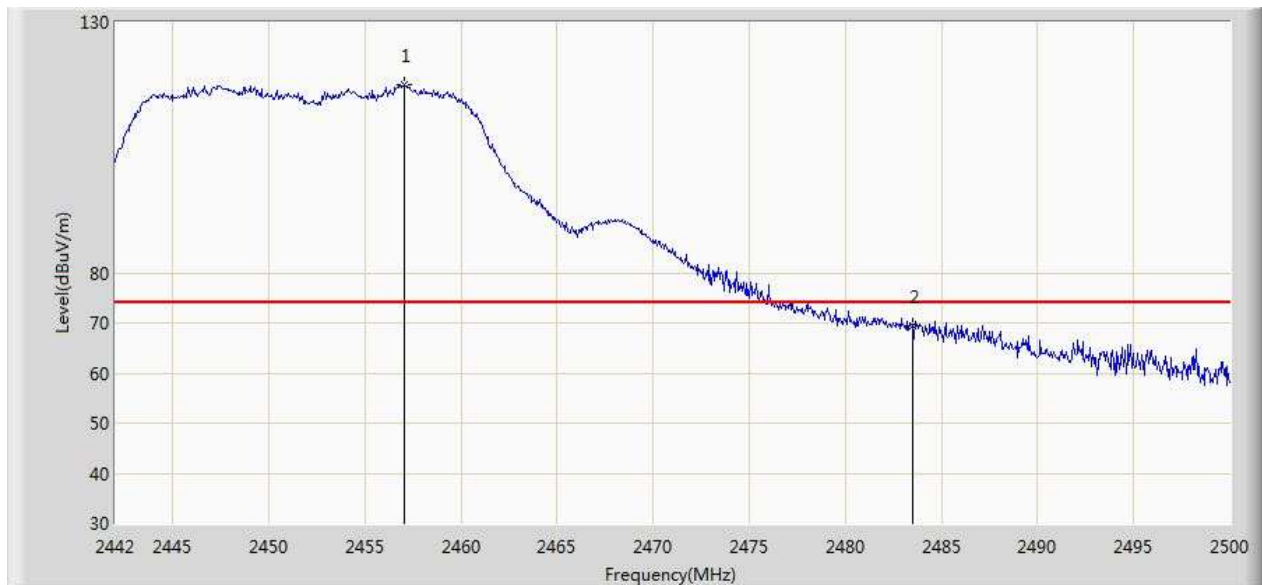
Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Over Limit (dB)
2390.00	70.53	39.85	Peak	30.68	74.00	-3.46
2415.18	114.24	83.61	Peak	30.63	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:42:11
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2417MHz			



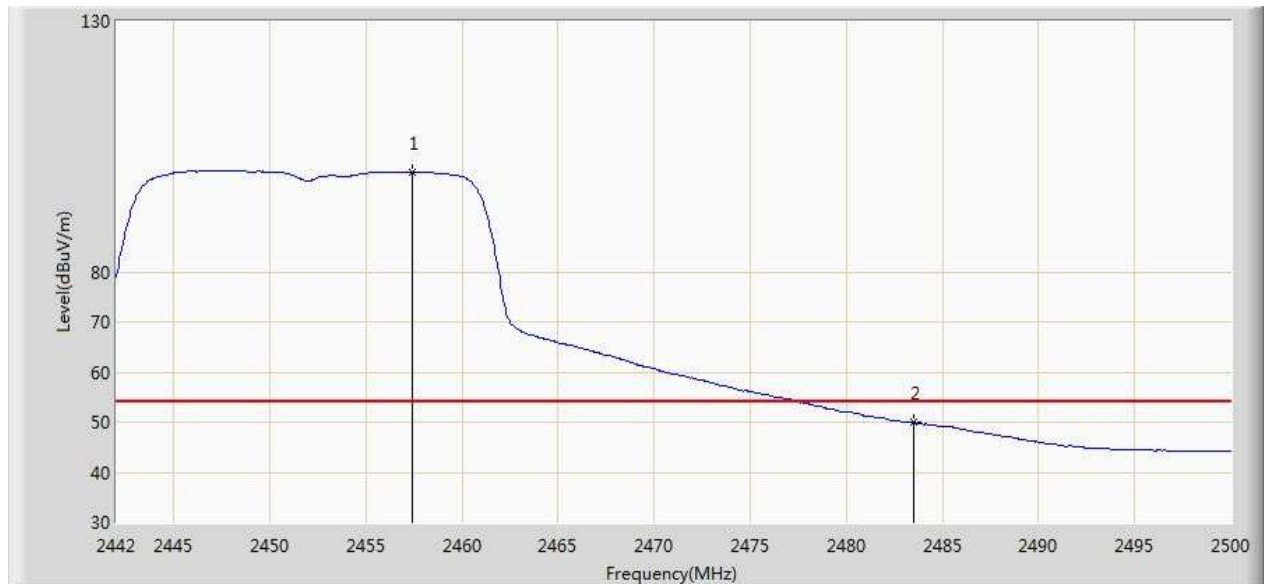
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2390.00	49.72	19.04	Average	30.68	54.00	-4.28
2423.84	97.85	67.23	Average	30.62	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:46:43
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2452MHz			



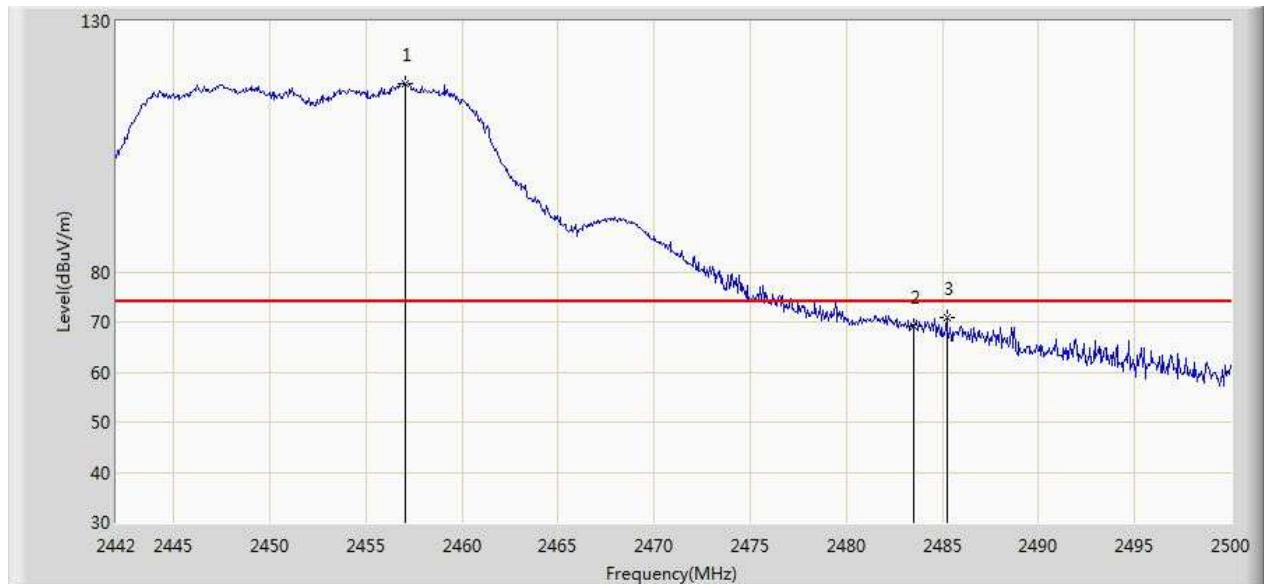
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2457.08	117.50	86.90	Peak	30.60	N/A	N/A
2483.50	69.35	38.68	Peak	30.67	74.00	-4.65

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:47:29
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2452MHz			



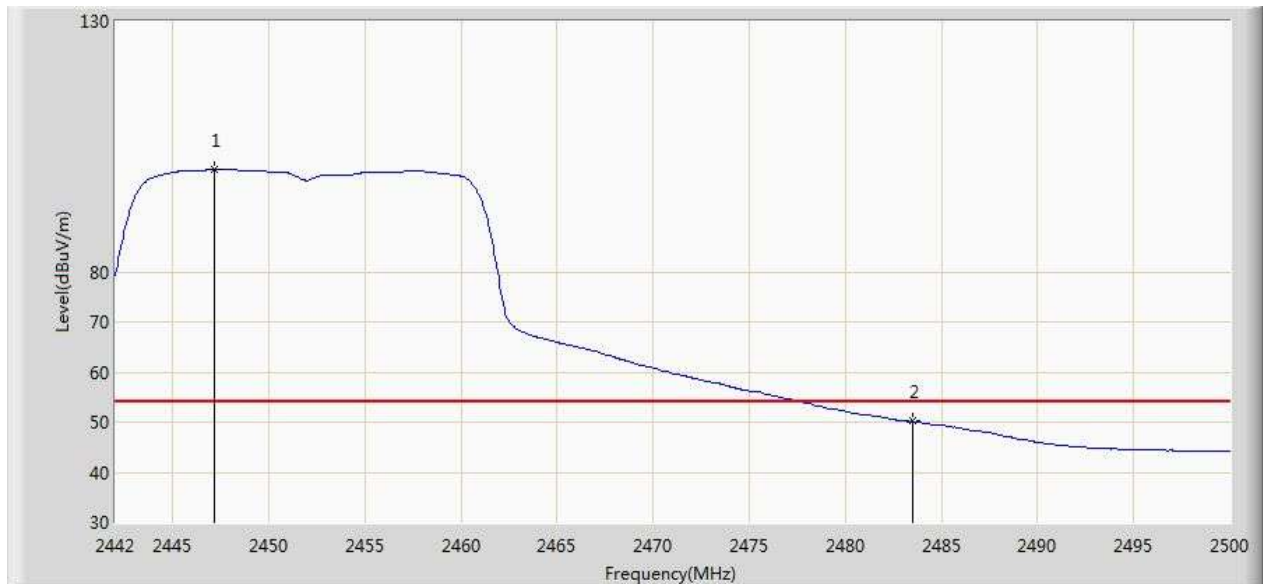
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2457.42	99.95	69.35	Average	30.60	N/A	N/A
2483.50	49.88	19.21	Average	30.67	54.00	-4.12

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:49:16
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2452MHz			



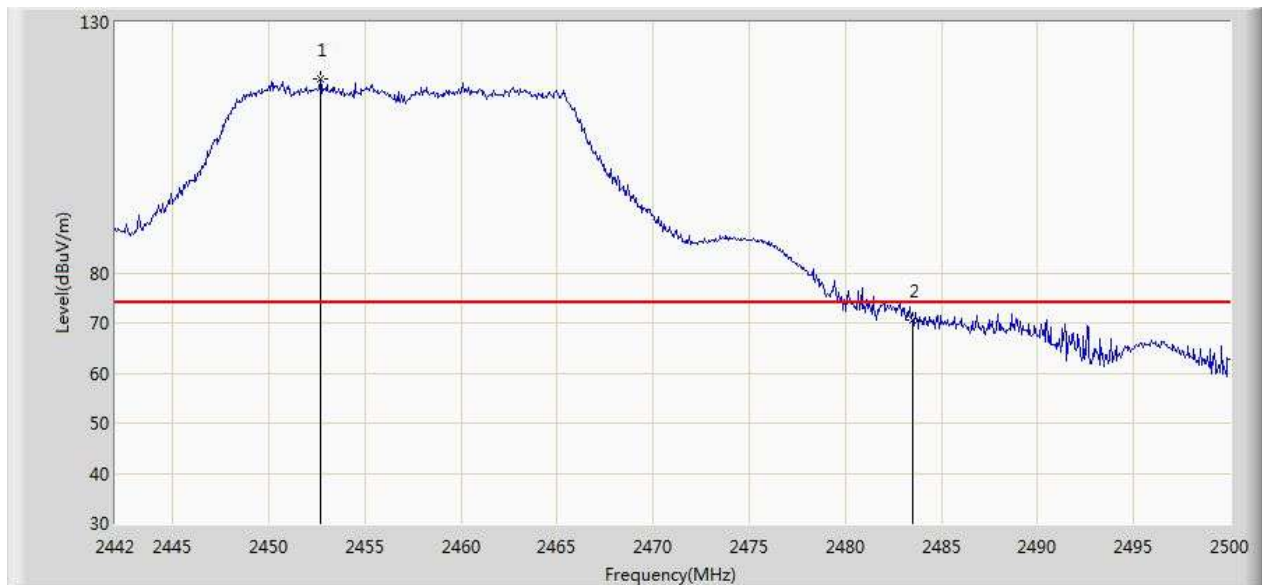
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2457.02	117.50	86.90	Peak	30.60	N/A	N/A
2483.50	69.16	38.49	Peak	30.67		-4.84
2485.21	70.85	40.18	Peak	30.67	74.00	-3.15

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:49:53
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2452MHz			



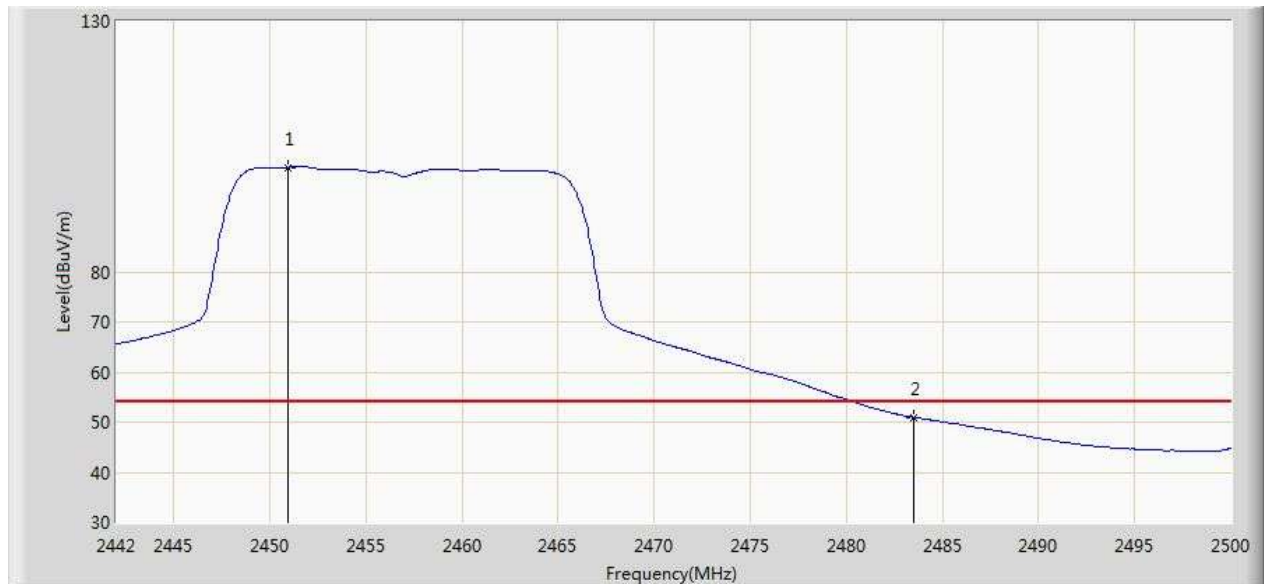
Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Over Limit (dB)
2447.16	100.33	69.75	Average	30.58	N/A	N/A
2483.50	50.16	19.49	Average	30.67	54.00	-3.84

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:46:43
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2457MHz			



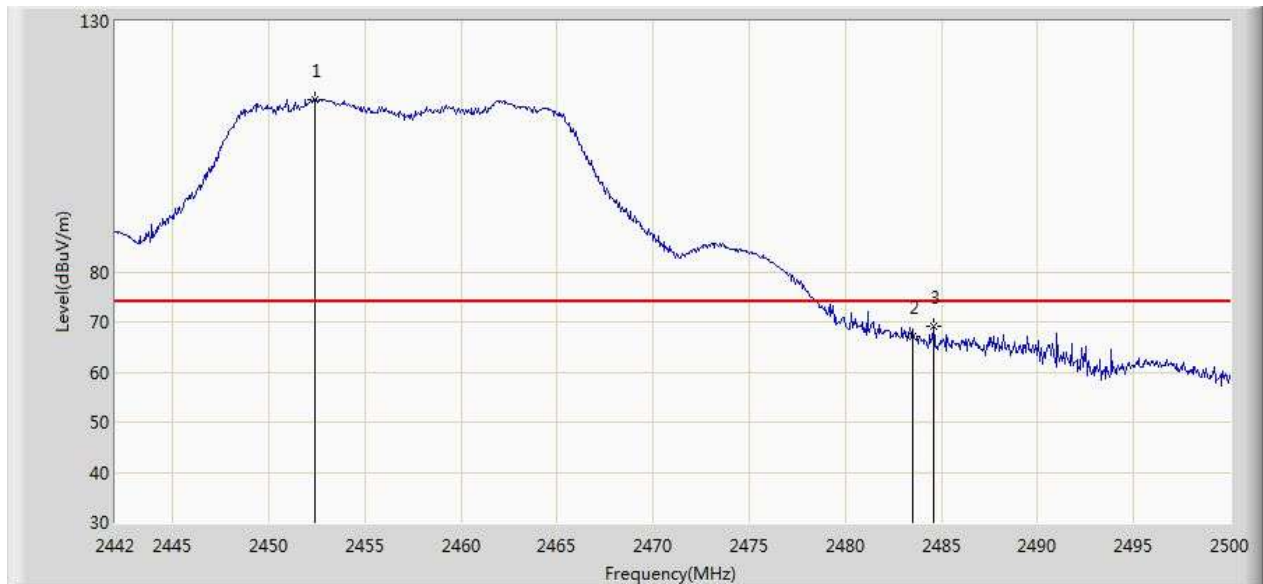
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2452.67	118.55	87.96	Peak	30.59	N/A	N/A
2483.50	70.59	39.92	Peak	30.67	74.00	-3.41

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:47:29
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2457MHz			



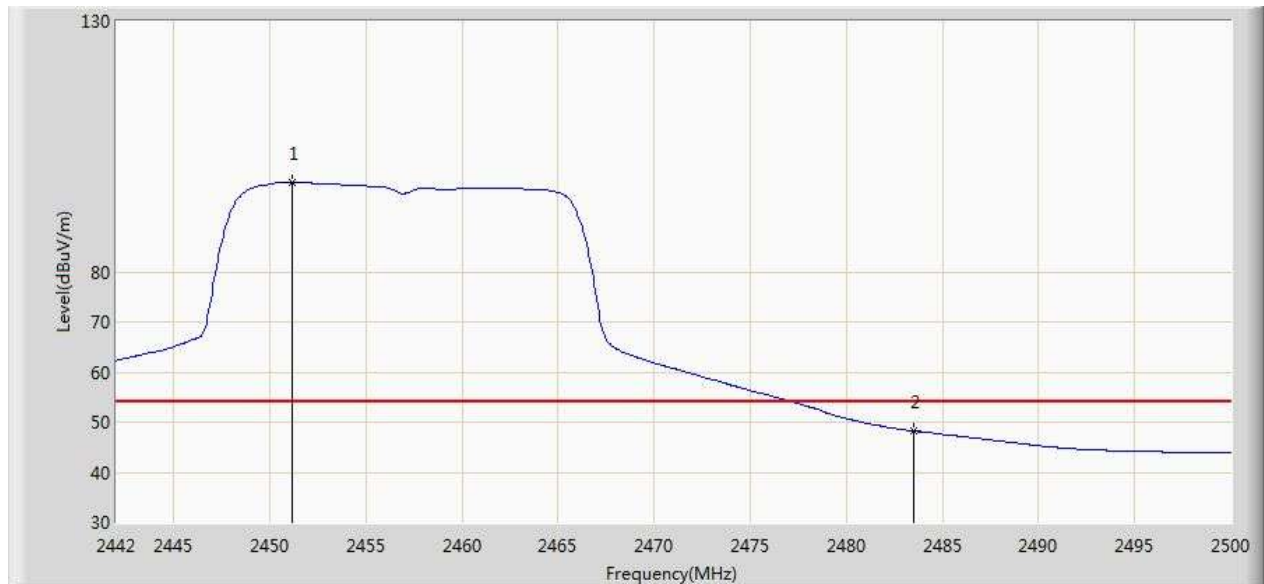
Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Over Limit (dB)
2450.93	100.81	70.22	Average	30.59	N/A	N/A
2483.50	50.95	20.28	Average	30.67	54.00	-3.05

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:49:16
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2457MHz			



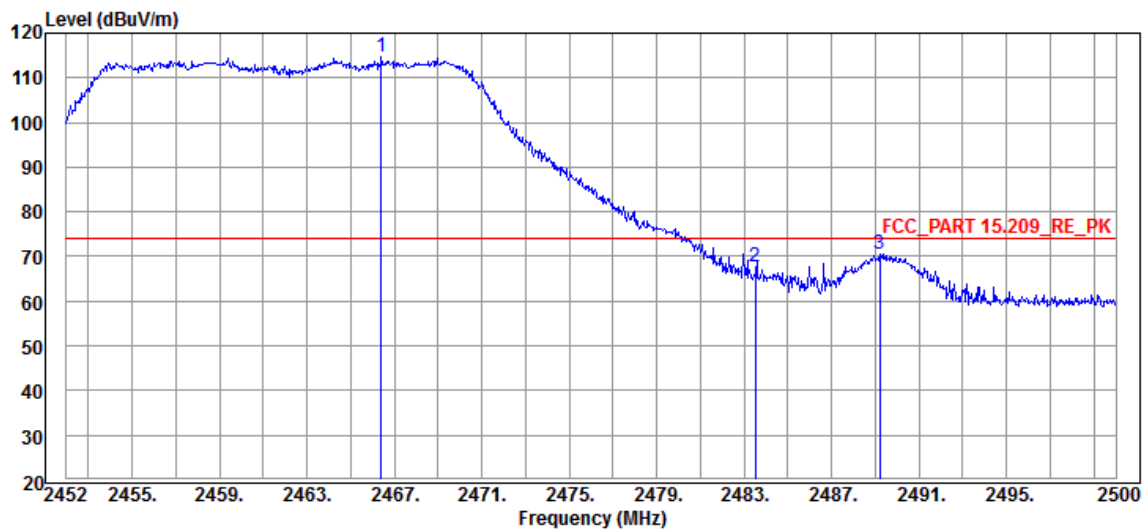
Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Over Limit (dB)
2452.38	114.32	83.73	Peak	30.59	N/A	N/A
2483.50	67.19	36.52	Peak	30.67	74.00	-6.81
2484.57	69.14	38.47	Peak	30.67	74.00	-4.86

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:49:53
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2457MHz			



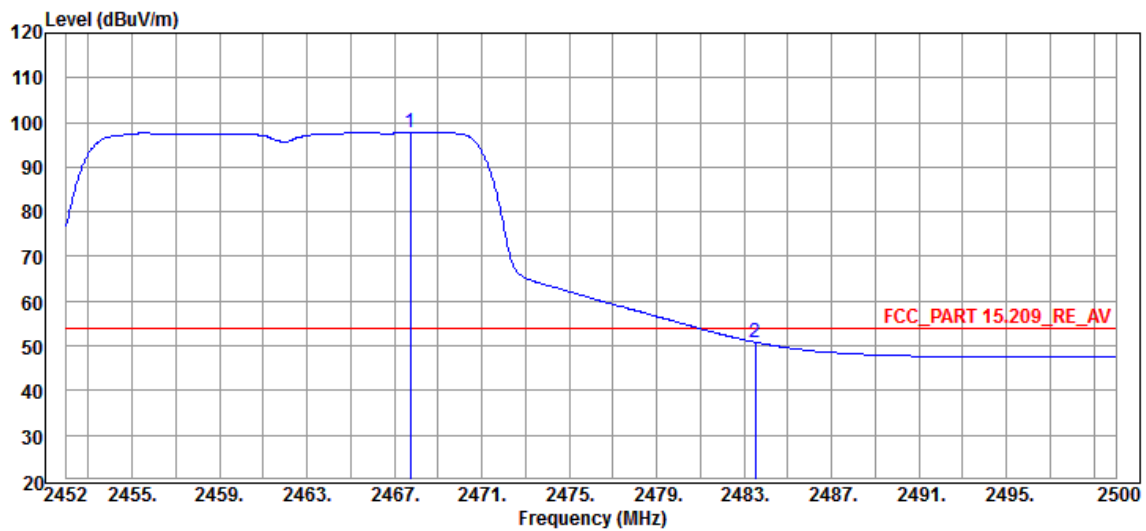
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2451.16	97.69	67.10	Average	30.59	N/A	N/A
2483.50	48.19	17.52	Average	30.67	54.00	-5.81

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:46:43
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2462MHz			



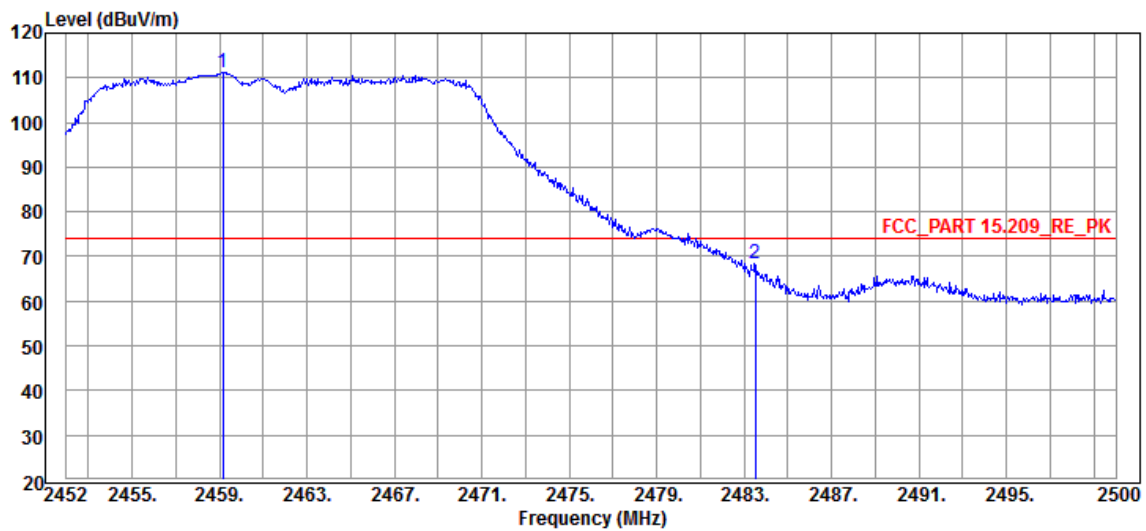
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2466.40	114.55	83.92	Peak	30.63	N/A	N/A
2483.50	67.61	36.93	Peak	30.68	74.00	-6.39
2489.20	70.51	39.82	Peak	30.69	74.00	-3.49

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:47:29
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2462MHz			



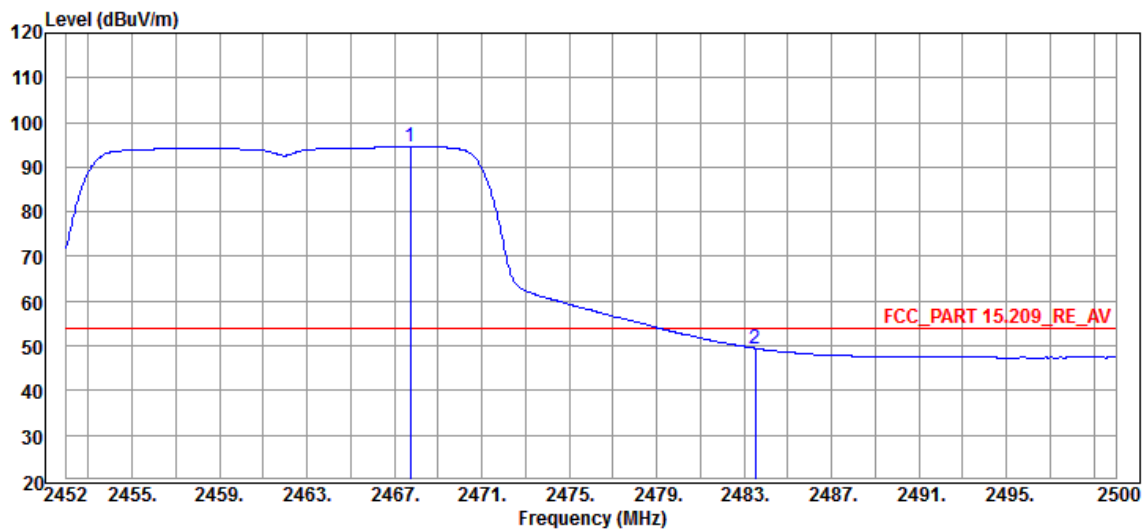
Freq (MHz)	Level (dB μ V/m)	Reading (dB μ V)	Detector	C.F (dB)	Limit (dB μ V/m)	Over Limit (dB)
2467.74	97.82	67.19	Average	30.63	N/A	N/A
2483.50	50.87	20.19	Average	30.68	54.00	-3.13

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:49:16
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2462MHz			



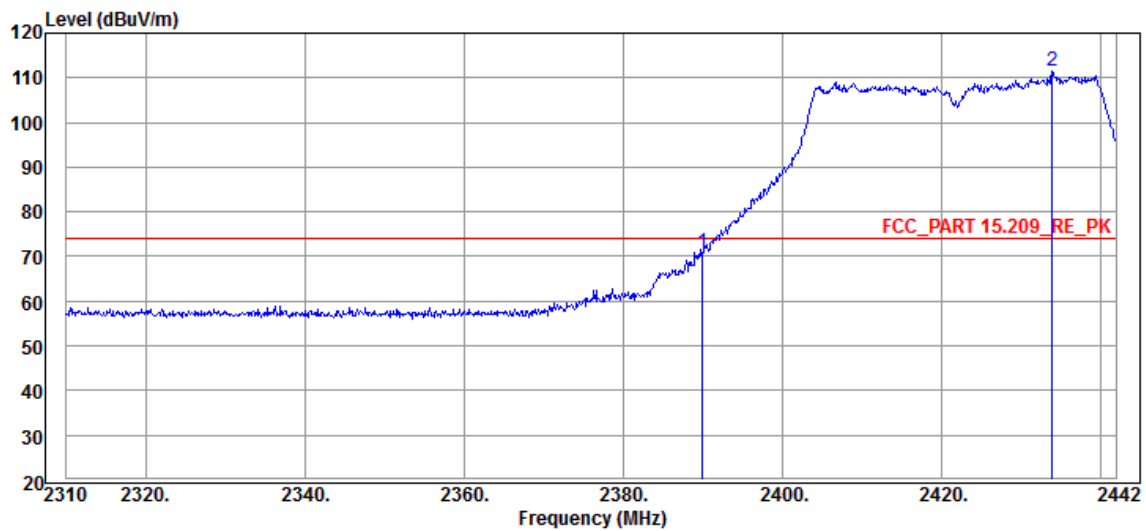
Freq (MHz)	Level (dBUV/m)	Reading (dBUV)	Detector	C.F (dB)	Limit (dBUV/m)	Over Limit (dB)
2459.15	111.06	80.46	Peak	30.60	N/A	N/A
2483.50	68.42	37.74	Peak	30.68	74.00	-5.58

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 04:49:53
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT20 Chain 1 + 2 + 3 - Channel 2462MHz			



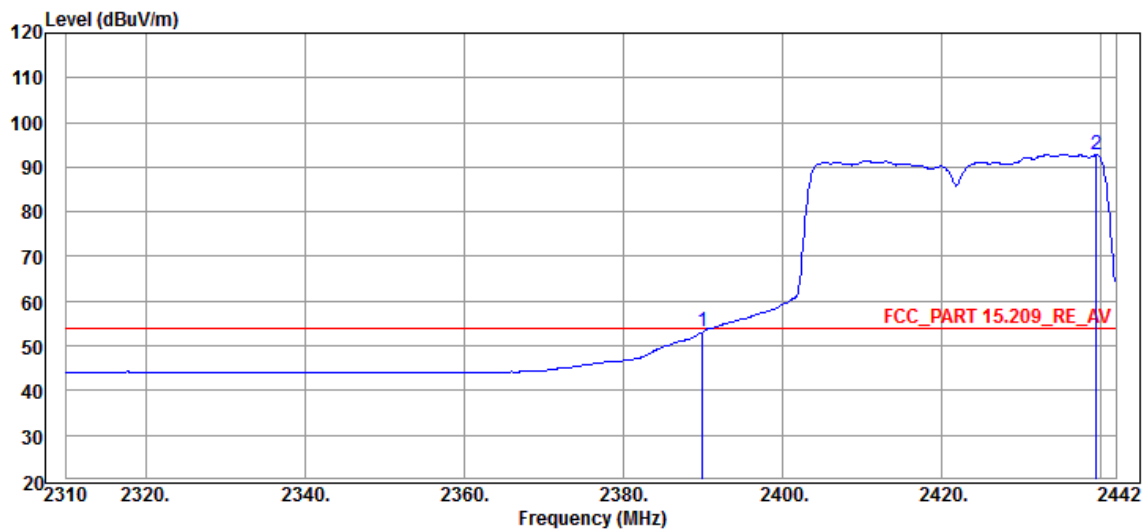
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2467.74	94.60	63.97	Average	30.63	N/A	N/A
2483.50	49.48	18.80	Average	30.68	54.00	-4.52

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:35:43
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2422MHz			



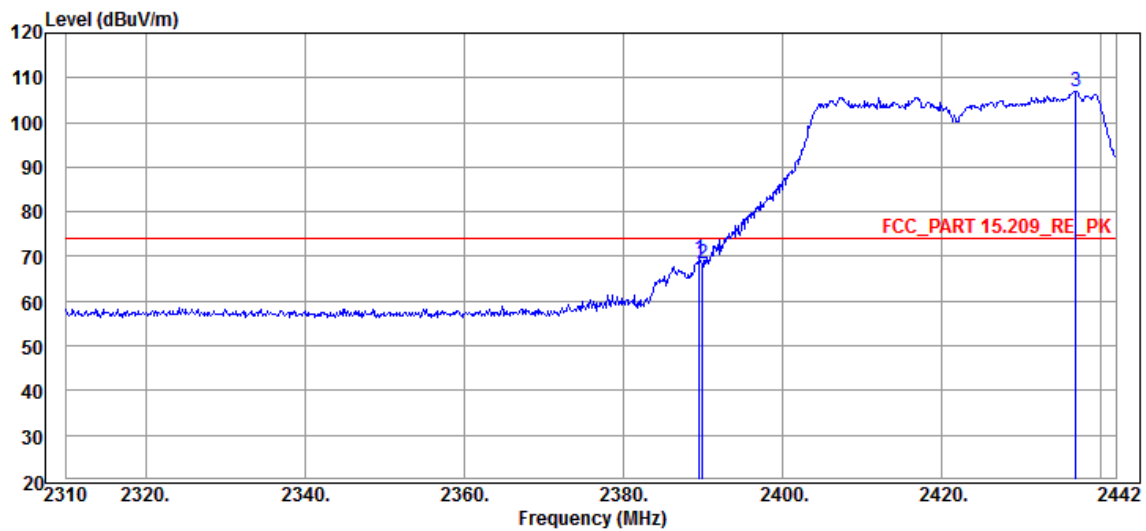
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2390.00	70.97	40.28	Peak	30.69	74.00	-3.03
2433.95	111.41	80.80	Peak	30.61	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:36:26
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2422MHz			



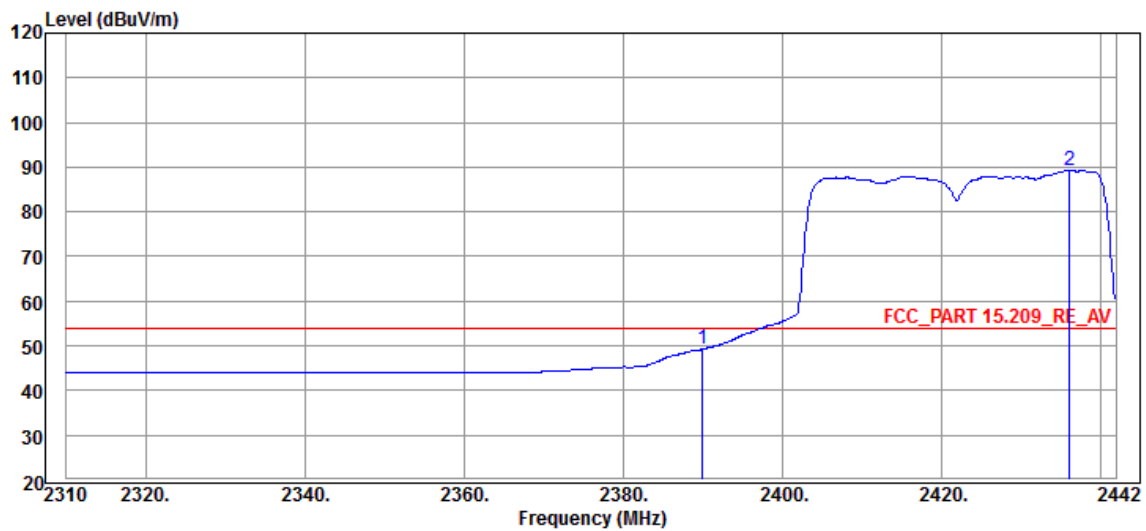
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2390.00	53.06	22.37	Average	30.69	54.00	-0.94
2439.49	92.69	62.09	Average	30.60	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:38:28
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2422MHz			



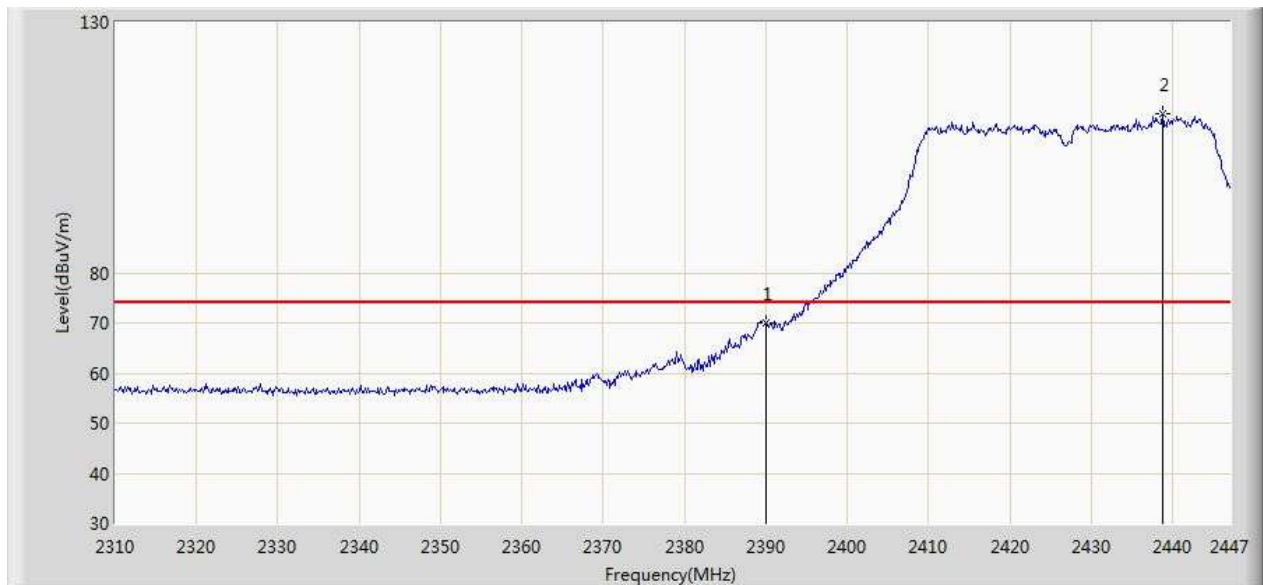
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2389.60	69.62	38.93	Peak	30.69	74.00	-4.38
2390.00	68.47	37.78	Peak	30.69	74.00	-5.53
2436.98	106.98	76.38	Peak	30.60	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:39:17
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2422MHz			



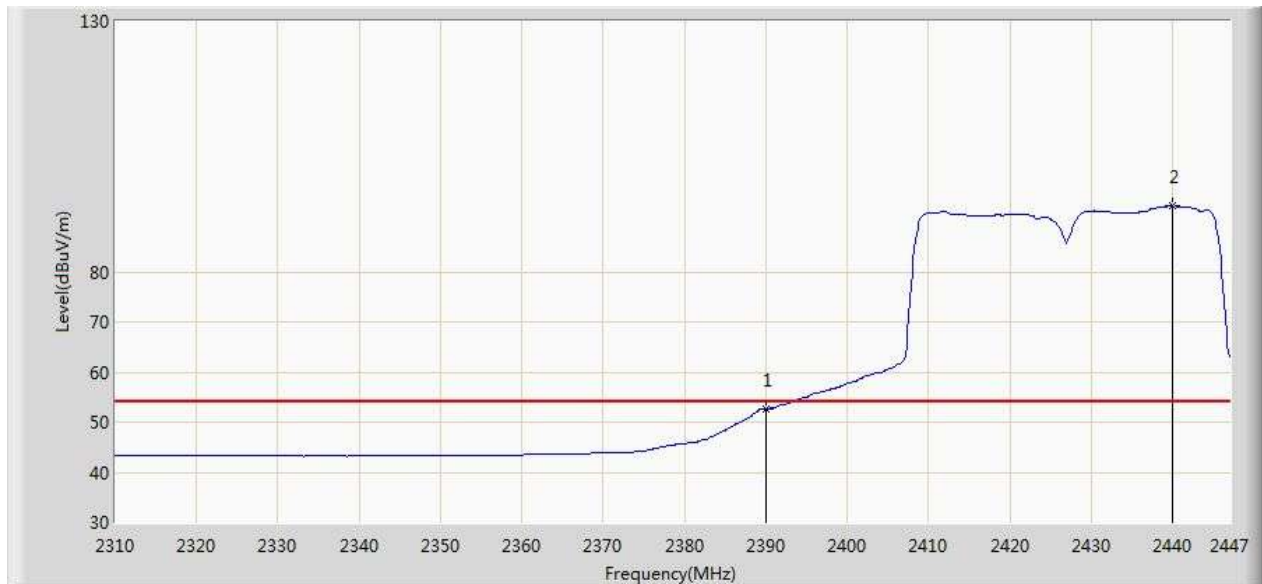
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2390.00	49.25	18.56	Average	30.69	54.00	-4.75
2436.19	89.26	58.66	Average	30.60	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:35:43
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2427MHz			



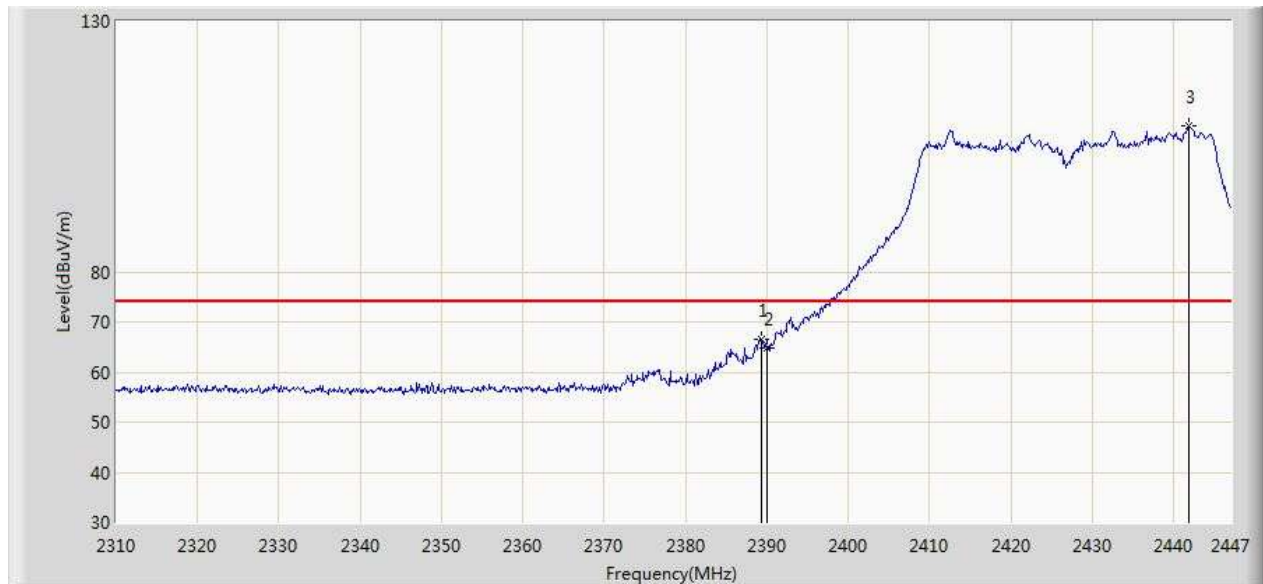
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2390.00	69.90	39.22	Peak	30.68	74.00	-4.10
2438.78	111.86	81.26	Peak	30.60	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:36:26
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2427MHz			



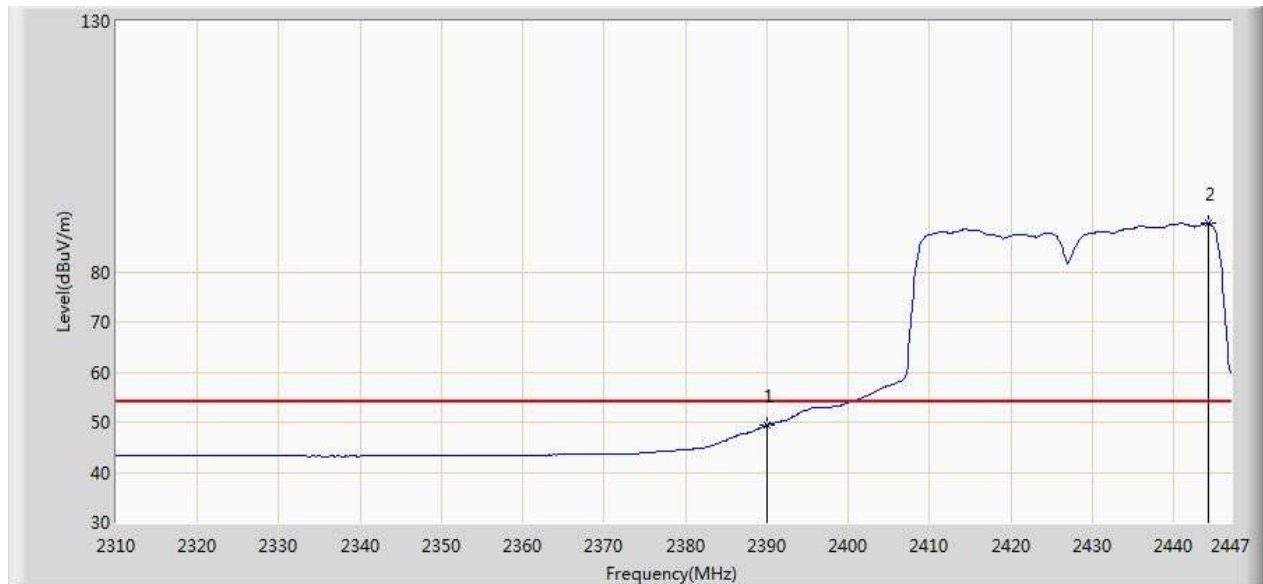
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2390.00	52.59	21.91	Average	30.68	54.00	-1.41
2439.87	93.10	62.51	Average	30.59	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:38:28
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2427MHz			



Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2389.32	66.51	35.83	Peak	30.68	74.00	-7.49
2390.00	64.81	34.13	Peak	30.68	74.00	-9.19
2441.79	109.12	78.53	Peak	30.59	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:39:17
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2427MHz			



Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Over Limit (dB)
2390.00	49.42	18.74	Average	30.68	54.00	-4.58
2444.26	89.71	59.12	Average	30.59	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:35:43
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2432MHz			



Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Over Limit (dB)
2389.09	70.31	39.63	Peak	30.68	74.00	-3.69
2390.00	68.94	38.26	Peak	30.68	74.00	-5.06
2446.88	113.16	82.58	Peak	30.58	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:36:26
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2432MHz			



Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2390.00	51.19	20.51	Average	30.68	54.00	-2.81
2446.46	95.22	64.64	Average	30.58	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:38:28
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2432MHz			



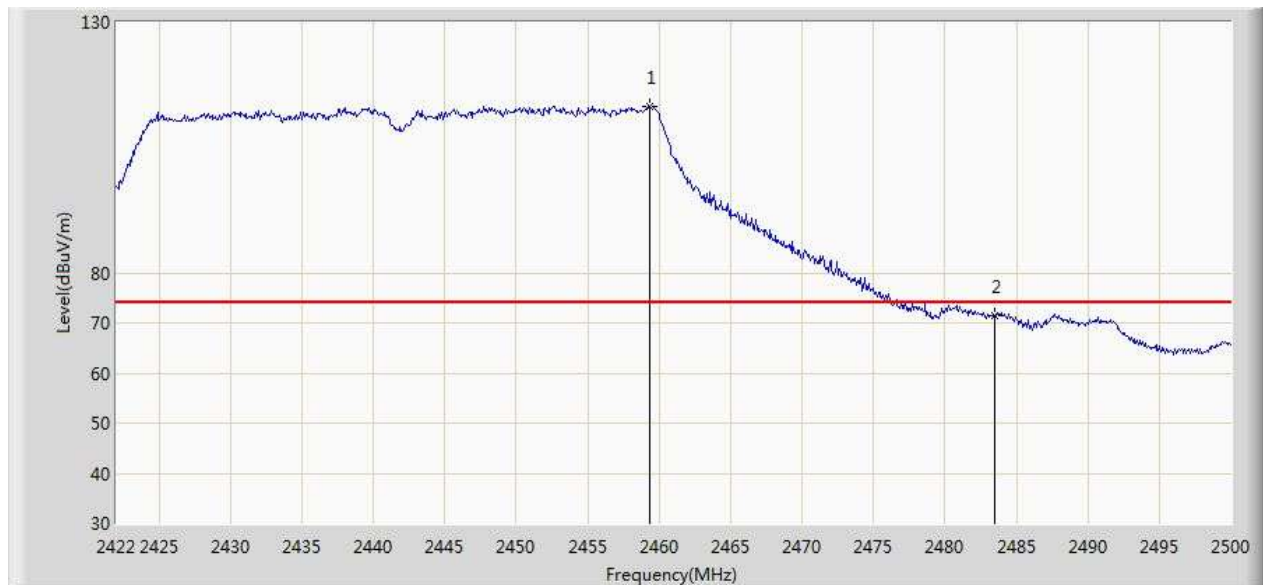
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2388.81	68.54	37.86	Peak	30.68	74.00	-5.46
2390.00	67.38	36.70	Peak	30.68	74.00	-6.62
2449.30	111.26	80.67	Peak	30.59	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:39:17
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2432MHz			



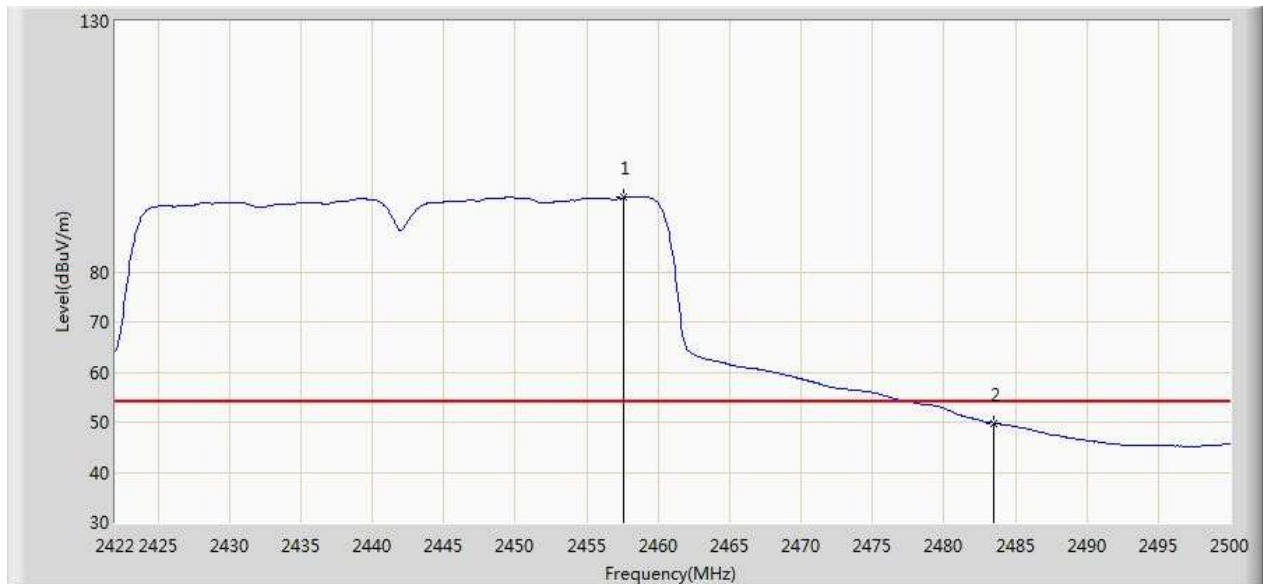
Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Over Limit (dB)
2390.00	50.22	19.54	Average	30.68	54.00	-3.78
2449.16	93.70	63.11	Average	30.59	N/A	N/A

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:43:28
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2442MHz			



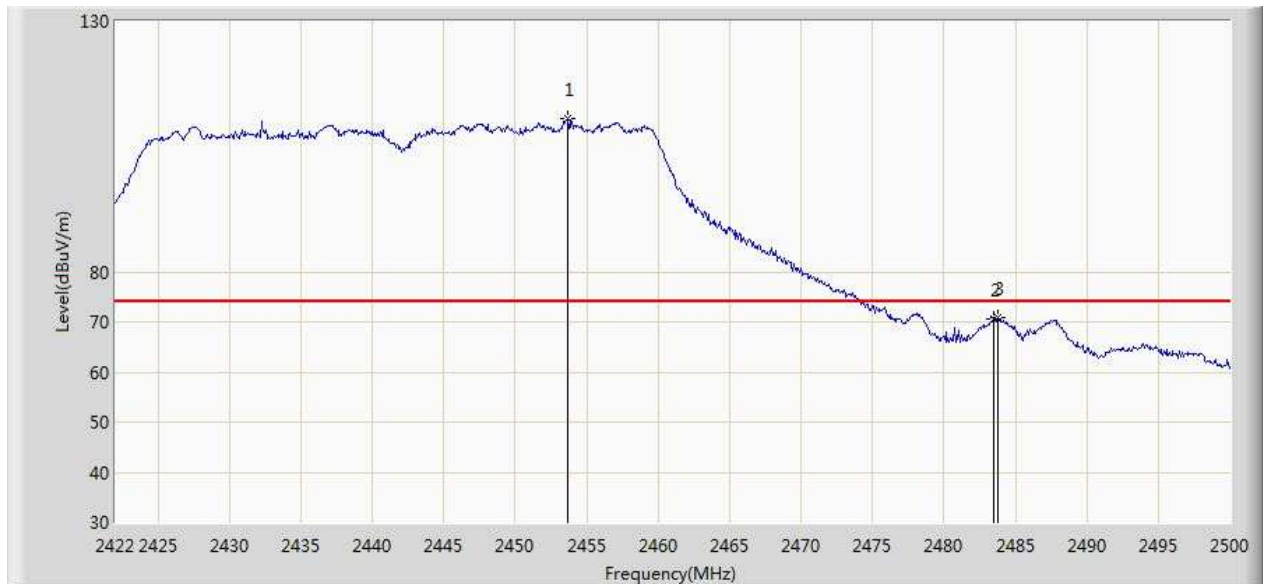
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2459.36	113.28	82.68	Peak	30.60	N/A	N/A
2483.50	71.54	40.87	Peak	30.67	74.00	-2.46

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:44:06
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2442MHz			



Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2457.56	94.78	64.18	Average	30.60	N/A	N/A
2483.50	49.81	19.14	Average	30.67	54.00	-4.19

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:45:47
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2442MHz			



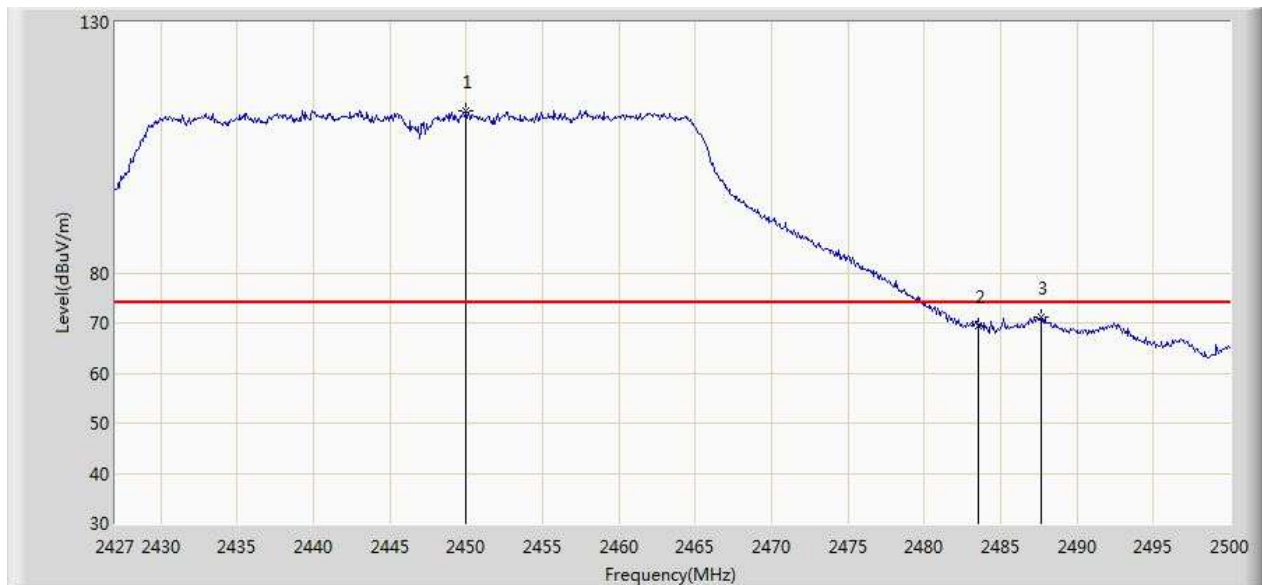
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2453.66	110.47	79.88	Peak	30.59	N/A	N/A
2483.50	70.66	39.99	Peak	30.67	74.00	-3.34
2483.77	70.73	40.06	Peak	30.67	74.00	-3.27

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:46:28
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2442MHz			



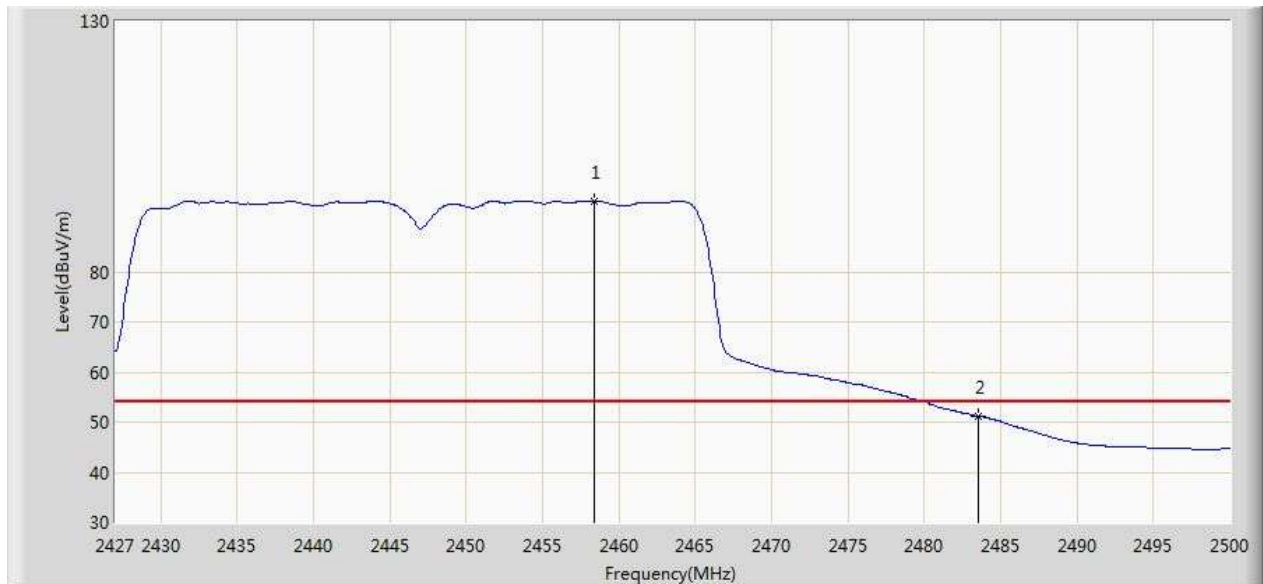
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2455.22	92.04	61.44	Average	30.60	N/A	N/A
2483.50	48.99	17.32	Average	30.67	54.00	-5.01

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:43:28
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2447MHz			



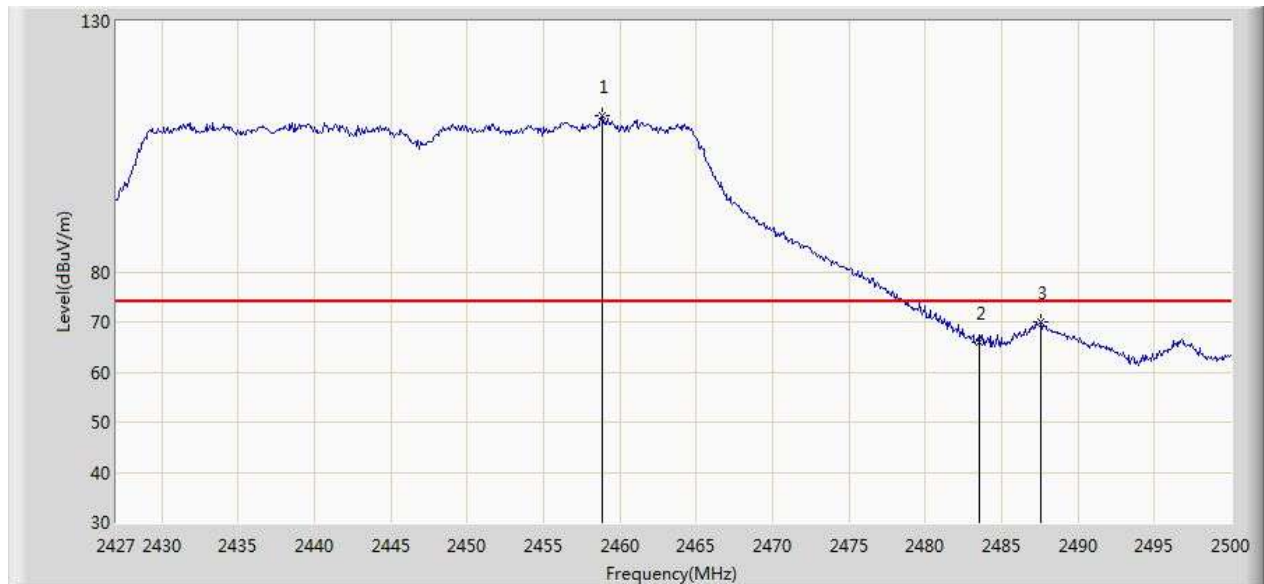
Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Over Limit (dB)
2449.99	112.22	81.63	Peak	30.59	N/A	N/A
2483.50	69.42	38.75	Peak	30.67	74.00	-4.58
2487.66	71.03	40.35	Peak	30.68	74.00	-2.97

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:44:06
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2447MHz			



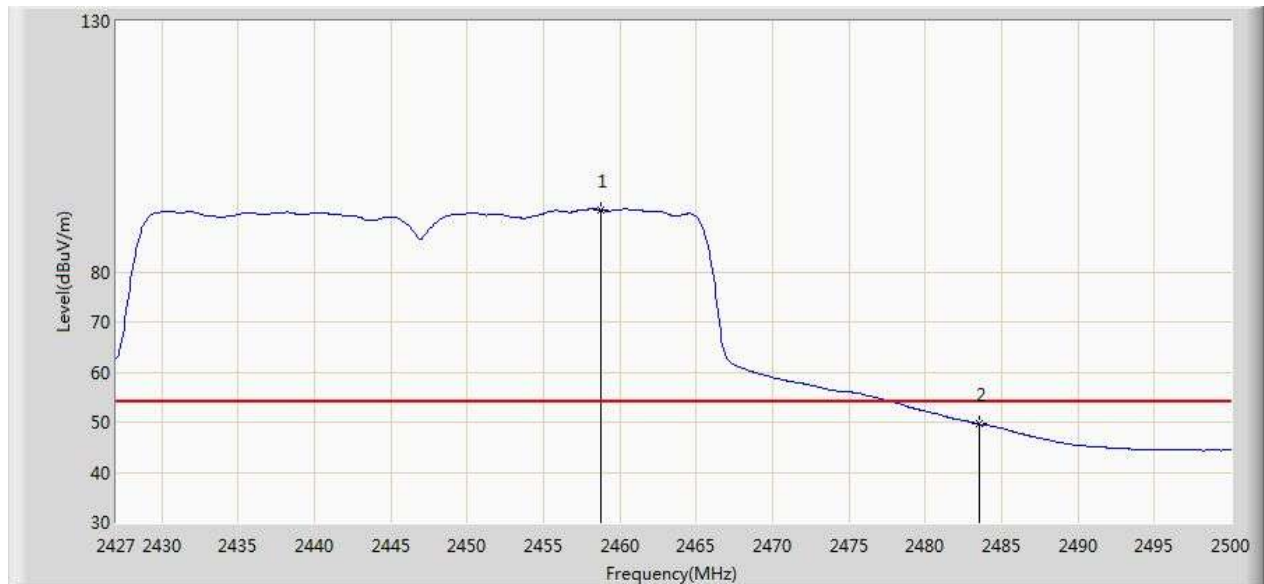
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2458.39	94.13	63.53	Average	30.60	N/A	N/A
2483.50	51.17	20.50	Average	30.67	54.00	-2.83

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:45:47
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2447MHz			



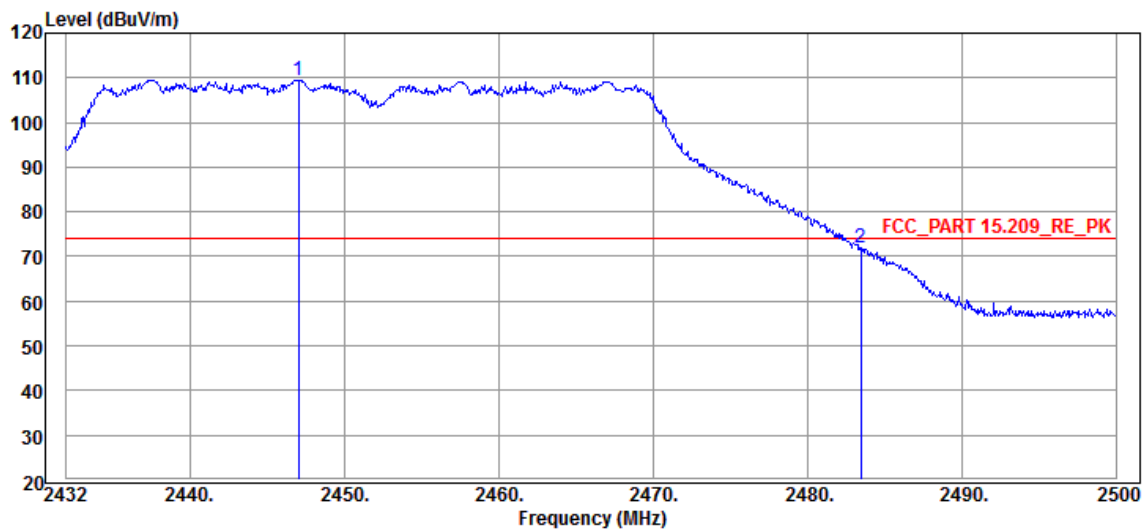
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2458.82	111.18	80.58	Peak	30.60	N/A	N/A
2483.50	65.96	35.29	Peak	30.67	74.00	-8.04
2487.59	69.99	39.31	Peak	30.68	74.00	-3.01

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:46:28
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2447MHz			



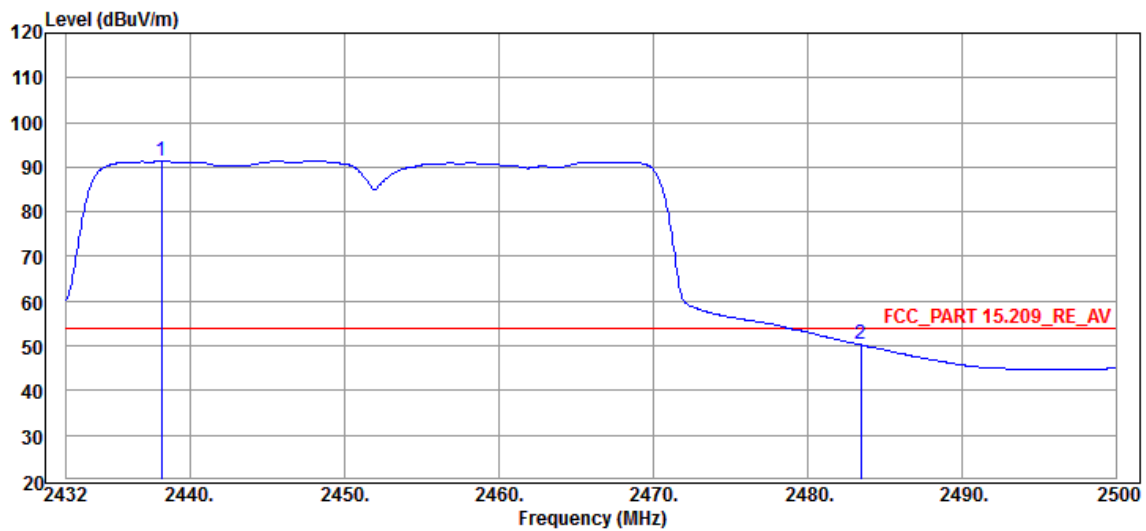
Freq (MHz)	Level (dBuV/m)	Reading (dBuV)	Detector	C.F (dB)	Limit (dBuV/m)	Over Limit (dB)
2458.75	92.30	61.70	Average	30.60	N/A	N/A
2483.50	49.65	18.98	Average	30.67	54.00	-4.35

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:43:28
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2452MHz			



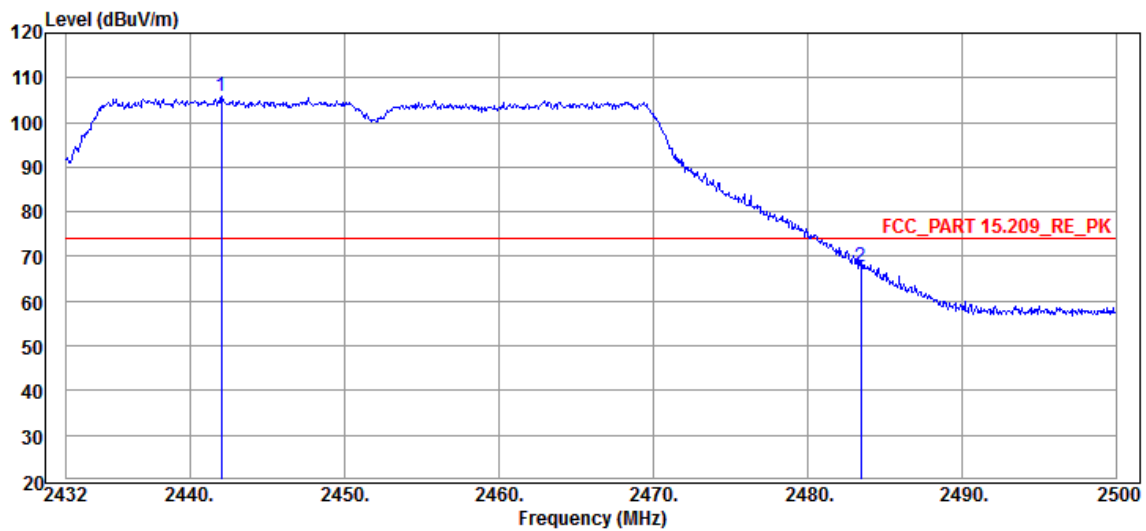
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2447.03	109.53	78.94	Peak	30.59	N/A	N/A
2483.50	71.87	41.19	Peak	30.68	74.00	-2.13

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:44:06
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Horizontal
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2452MHz			



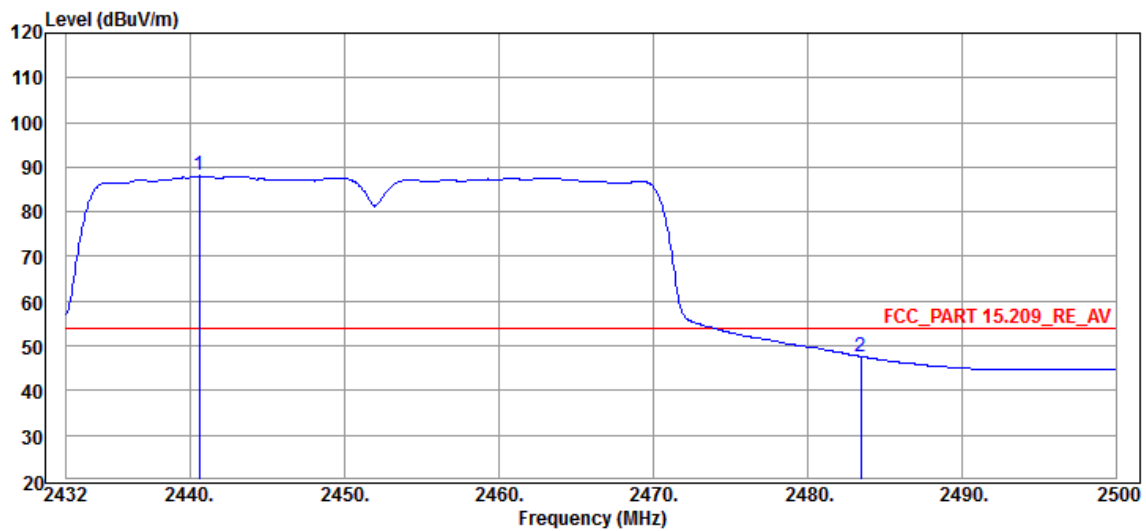
Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2438.19	91.50	60.90	Average	30.60	N/A	N/A
2483.50	50.23	19.55	Average	30.68	54.00	-3.77

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:45:47
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2452MHz			



Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2442.06	105.89	75.30	Peak	30.59	N/A	N/A
2483.50	67.84	37.16	Peak	30.68	74.00	-6.16

Test Engineer:	Roy Cheng	Test Data	2013-10-20- 03:46:28
Test Site:	AC1	Power	AC 120V/60Hz
Limit	FCC_PART 15.209_RE	Polarity	Vertical
Antenna	BBHA_9120D	EUT Model:	Fast 5250
Test Mode: 802.11n-HT40 Chain 1 + 2 + 3 - Channel 2452MHz			



Freq (MHz)	Level (dBμV/m)	Reading (dBμV)	Detector	C.F (dB)	Limit (dBμV/m)	Over Limit (dB)
2440.64	88.03	57.44	Average	30.59	N/A	N/A
2483.50	47.61	16.93	Average	30.68	54.00	-6.39

7.7. AC Conducted Emissions Measurement §15.207; RSS-Gen [7.2.2]

7.7.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBμV)	Average (dBμV)
0.15 - 0.50	66 - 56	56 – 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

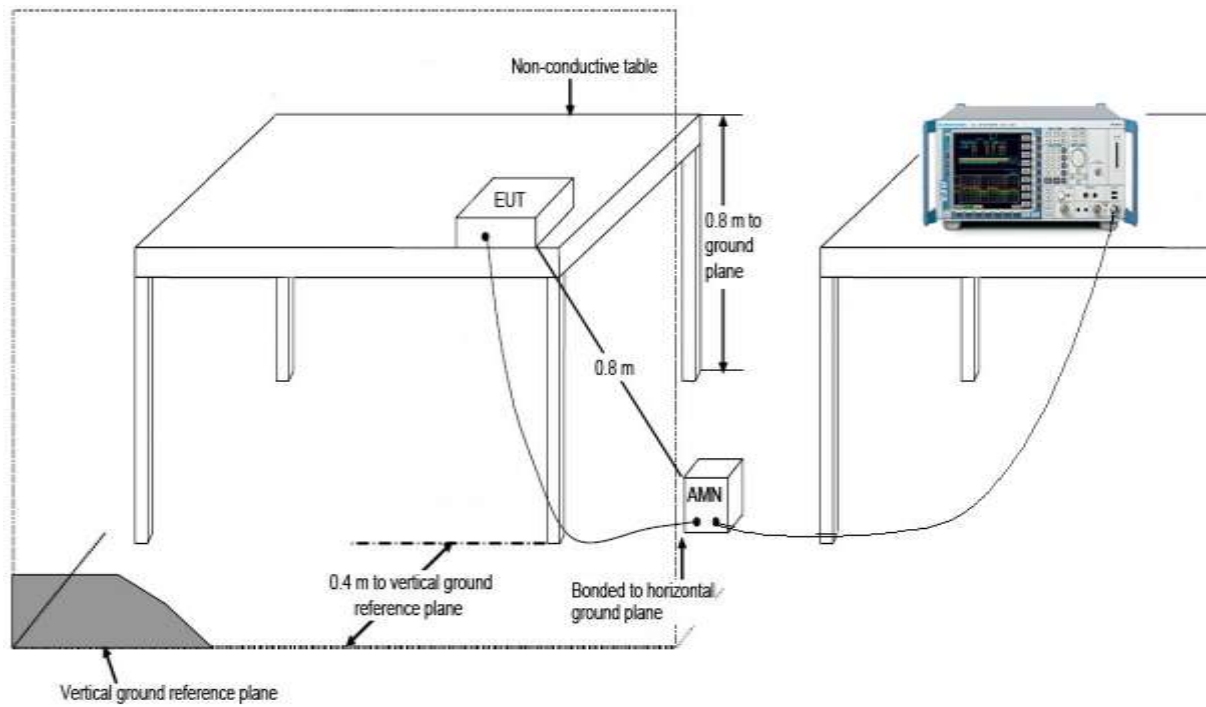
7.7.2. Test Procedure

The EUT was setup according to ANSI C63.4, 2009 and tested according to KDB 558074 for compliance to FCC 47CFR 15.247 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

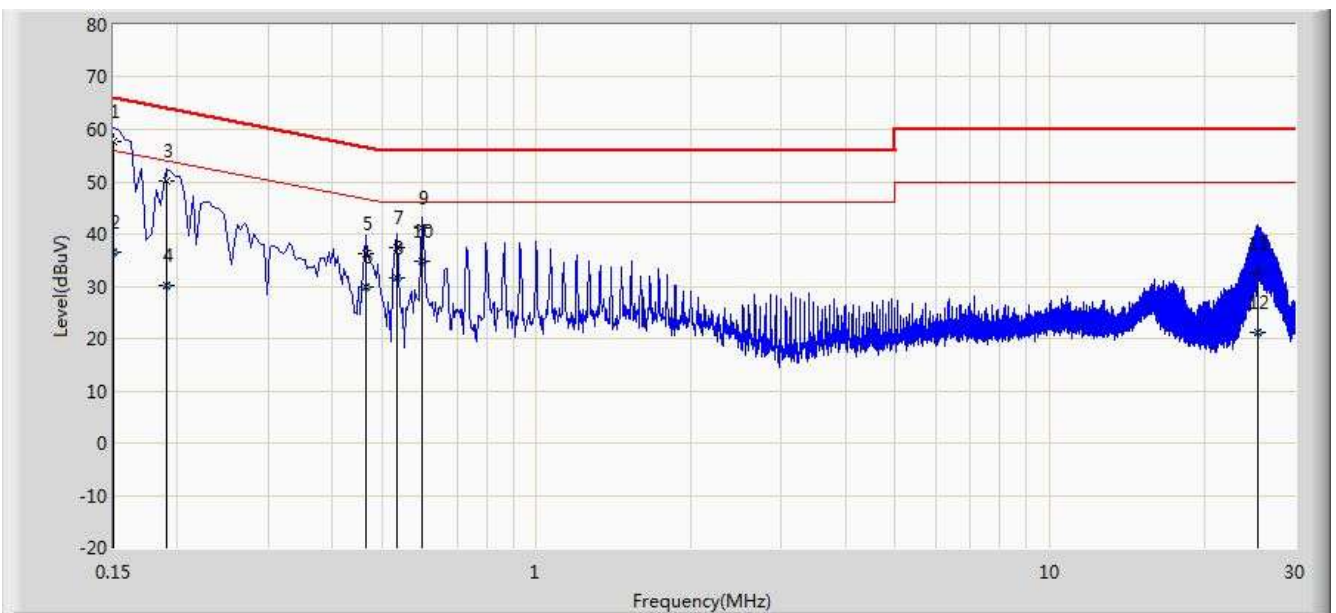
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

7.7.3. Test Setup



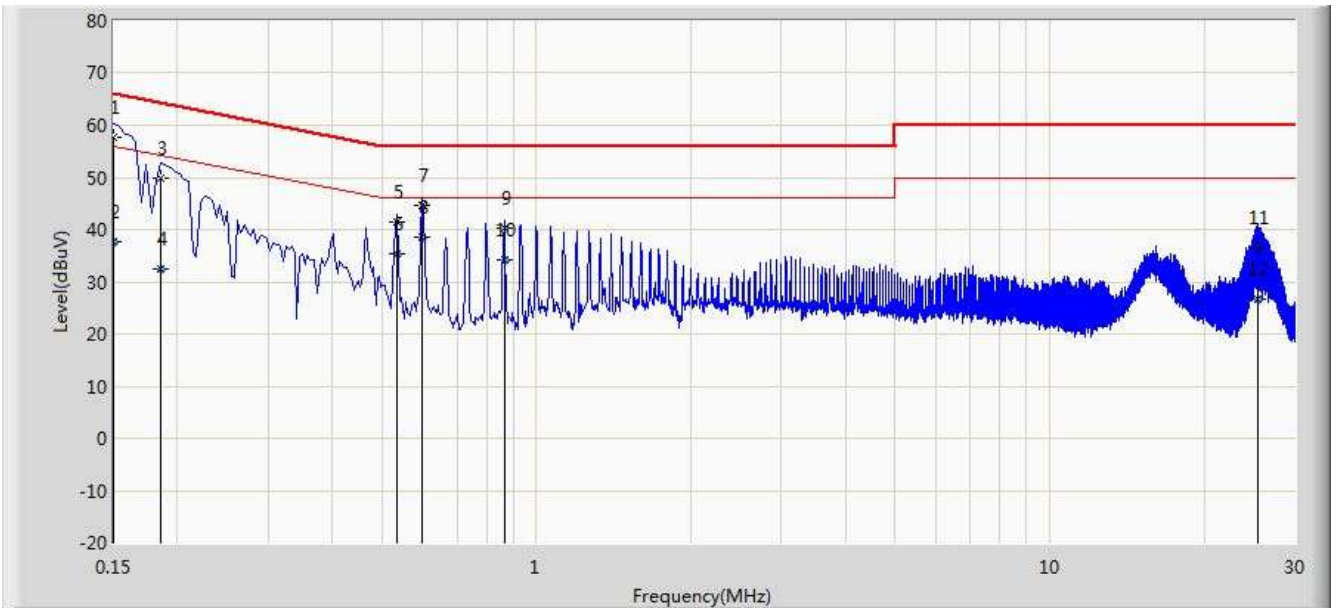
7.7.4. Test Result

Engineer: Roy Cheng	
Site: SR2	Time: 2014/01/03 - 18:05
Limit: FCC_Part15.207	Margin: 0
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Router	Power: AC 120V/60Hz
Note: Normal Operation	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor	Type
1		*	0.150	57.701	46.533	-8.299	66.000	11.168	QP
2			0.150	36.450	25.281	-19.550	56.000	11.168	AV
3			0.190	50.007	39.978	-14.030	64.037	10.029	QP
4			0.190	30.027	19.998	-24.010	54.037	10.029	AV
5			0.466	36.365	26.226	-20.220	56.585	10.139	QP
6			0.466	29.956	19.817	-16.629	46.585	10.139	AV
7			0.534	37.500	27.351	-18.500	56.000	10.149	QP
8			0.534	31.698	21.549	-14.302	46.000	10.149	AV
9			0.598	41.042	30.926	-14.958	56.000	10.116	QP
10			0.598	34.665	24.549	-11.335	46.000	10.116	AV
11			25.354	32.334	22.107	-27.666	60.000	10.227	QP
12			25.354	21.076	10.849	-28.924	50.000	10.227	AV

Engineer: Roy Cheng	
Site: SR2	Time: 2014/01/03 - 18:09
Limit: FCC_Part15.207	Margin: 0
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Router	Power: AC 120V/60Hz
Note: Normal Operation	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor	Type
1			0.150	57.817	46.675	-8.183	66.000	11.142	QP
2			0.150	37.738	26.596	-18.262	56.000	11.142	AV
3			0.186	49.936	39.901	-14.277	64.213	10.035	QP
4			0.186	32.319	22.284	-21.894	54.213	10.035	AV
5			0.534	41.384	31.216	-14.616	56.000	10.168	QP
6			0.534	35.400	25.233	-10.600	46.000	10.168	AV
7			0.598	44.729	34.596	-11.271	56.000	10.132	QP
8		*	0.598	38.449	28.316	-7.551	46.000	10.132	AV
9			0.866	40.342	30.359	-15.658	56.000	9.983	QP
10			0.866	34.347	24.364	-11.653	46.000	9.983	AV
11			25.378	36.657	26.334	-23.343	60.000	10.323	QP
12			25.378	26.534	16.211	-23.466	50.000	10.323	AV

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **Router FCC ID: VW3FAST5250** is in compliance with Part 15C of the FCC Rules.

The End