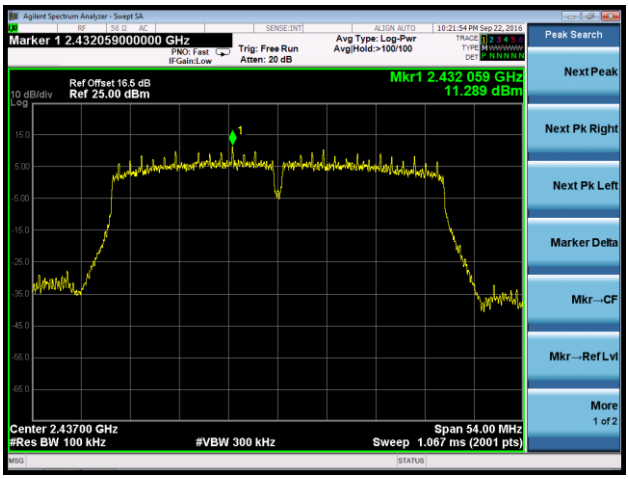
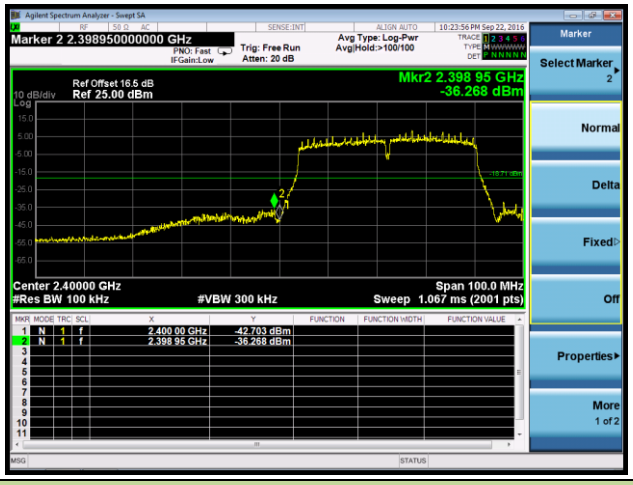
802.11n-HT40 Out-of-Band Emissions - Ant 3

100kHz PSD Reference Level

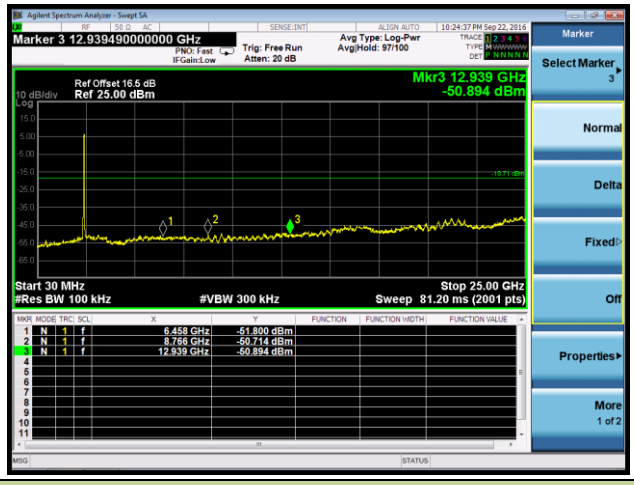


Channel 03 (2422MHz)

Low Band Edge

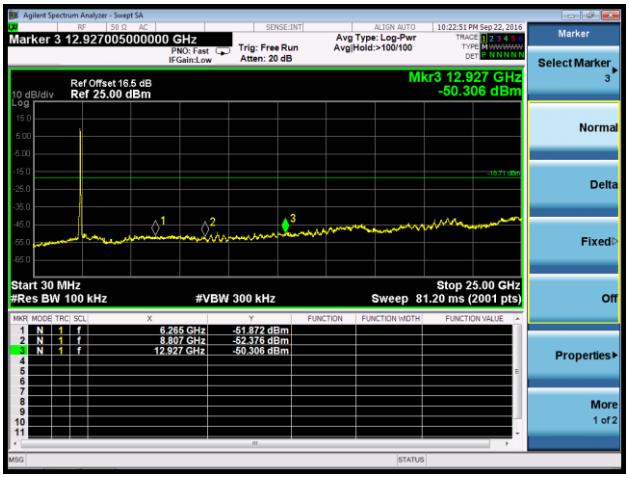


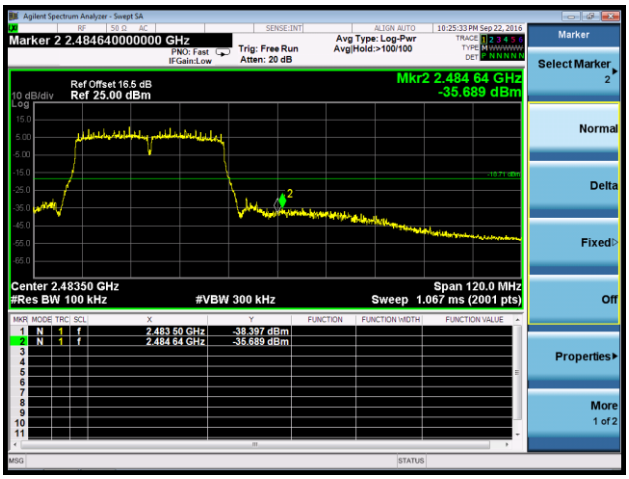
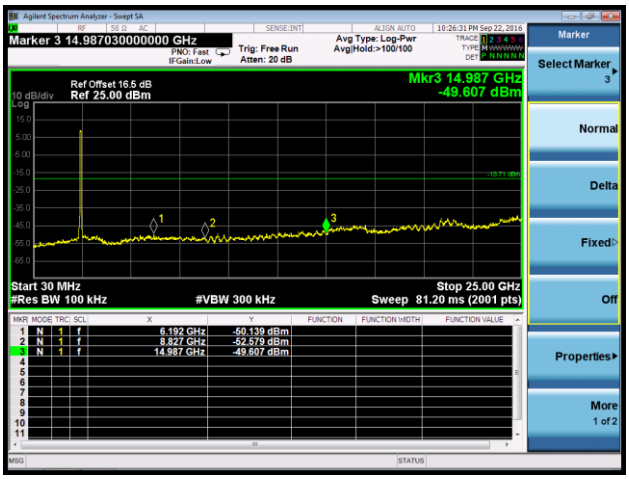
Spurious Emission



Channel 06 (2437MHz)

Spurious Emission



Channel 09 (2452MHz)	
High Band Edge	**Spurious Emission**
	

7.6. Radiated Spurious Emission Measurement

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 [uV/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 D01v03r05 - Section 12.2.3 (quasi-peak measurements)

KDB 558074 D01v03r05 - Section 12.2.4 (peak power measurements)

KDB 558074 D01v03r05 - Section 12.2.5 (average power measurements)

7.6.3.Test Setting

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = as specified in Table 1
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple

6. Trace mode = max hold
7. Trace was allowed to stabilize

Table 1 - RBW as a function of frequency

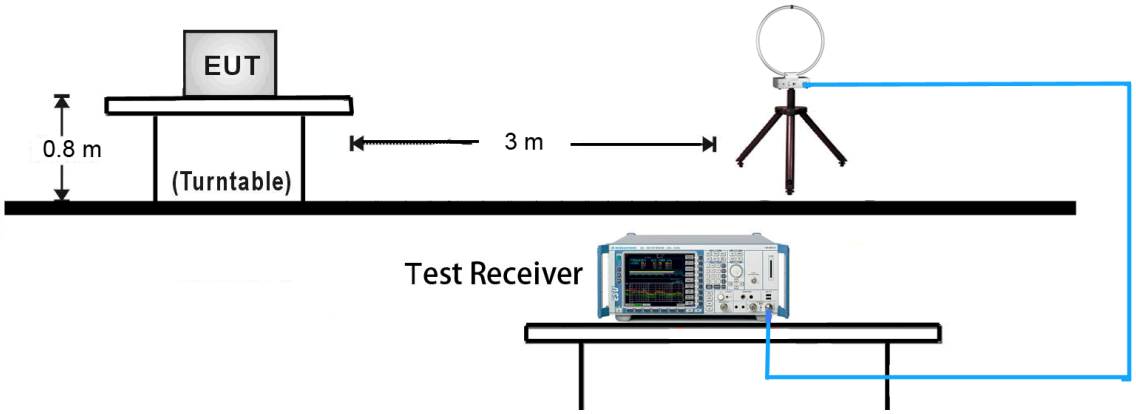
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements

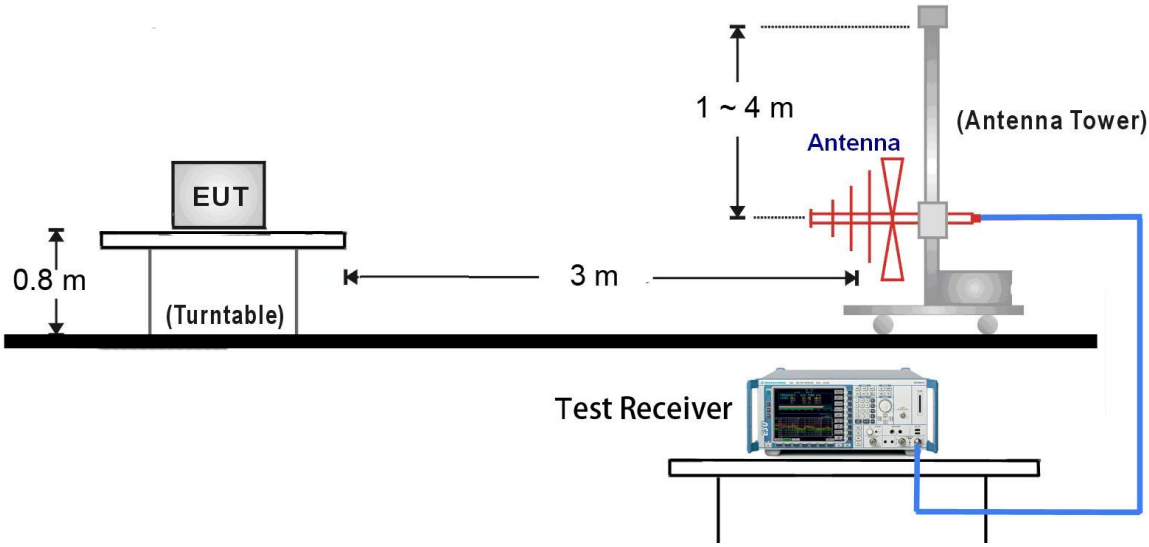
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ 1/T
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to “Voltage” regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

7.6.4.Test Setup

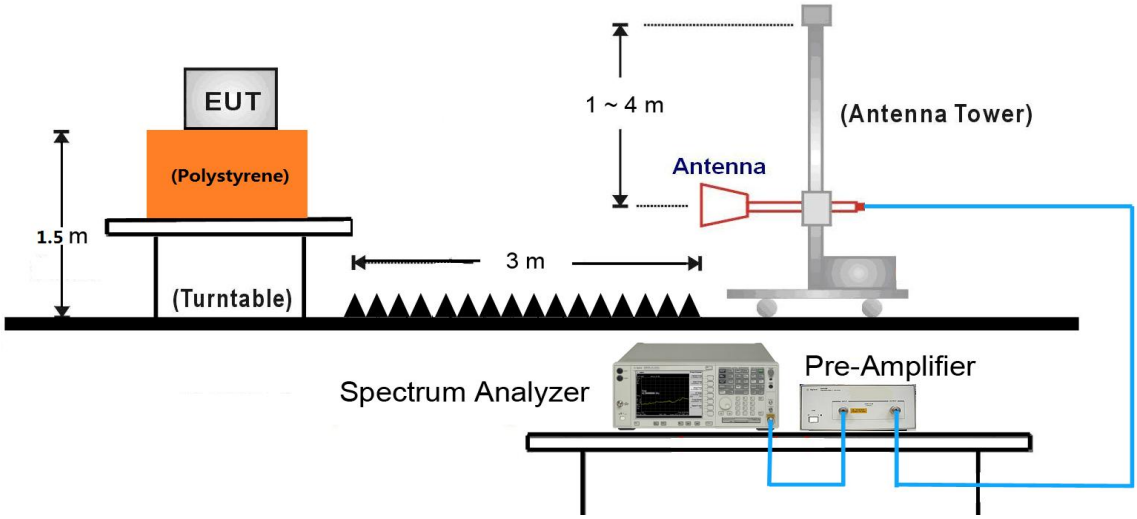
9kHz ~ 30MHz Test Setup:



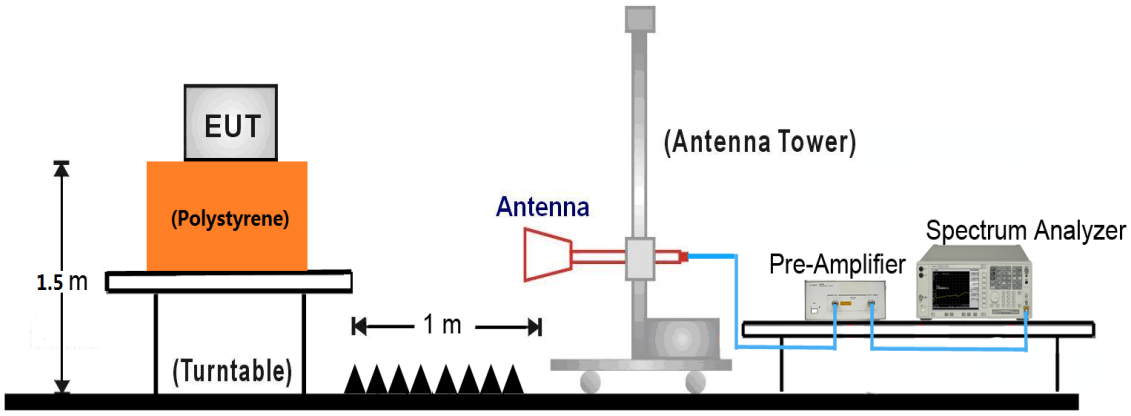
30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:



18GHz ~25GHz Test Setup:



7.6.5.Test Result

Test Mode:	802.11b - Ant 0	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6057.5	34.9	6.3	41.2	83.2	-42.0	Peak	Horizontal
*	8616.0	31.9	13.5	45.4	83.2	-37.8	Peak	Horizontal
	11455.0	29.2	19.2	48.4	74.0	-25.6	Peak	Horizontal
	15637.0	26.7	20.4	47.1	74.0	-26.9	Peak	Horizontal
*	6142.5	33.6	6.6	40.2	83.2	-43.0	Peak	Vertical
*	8607.5	31.3	13.5	44.8	83.2	-38.4	Peak	Vertical
	11285.0	29.3	18.8	48.1	74.0	-25.9	Peak	Vertical
	15705.0	26.5	20.5	47.0	74.0	-27.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.2dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6610.0	33.3	8.7	42.0	84.1	-42.1	Peak	Horizontal
*	8607.5	29.7	13.5	43.2	84.1	-40.9	Peak	Horizontal
	11183.0	28.9	18.7	47.6	74.0	-26.4	Peak	Horizontal
	15849.5	26.5	20.4	46.9	74.0	-27.1	Peak	Horizontal
*	6967.0	33.4	10.3	43.7	84.1	-40.4	Peak	Vertical
*	8641.5	30.9	13.5	44.4	84.1	-39.7	Peak	Vertical
	11625.0	28.4	19.4	47.8	74.0	-26.2	Peak	Vertical
	15849.5	25.9	20.4	46.3	74.0	-27.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6440.0	32.2	8.0	40.2	82.2	-42.0	Peak	Horizontal
*	8896.5	32.0	14.0	46.0	82.2	-36.2	Peak	Horizontal
	11625.0	27.0	19.4	46.4	74.0	-27.6	Peak	Horizontal
	15671.0	25.7	20.4	46.1	74.0	-27.9	Peak	Horizontal
*	6287.0	33.1	7.1	40.2	82.2	-42.0	Peak	Vertical
*	8896.5	30.0	14.0	44.0	82.2	-38.2	Peak	Vertical
	11540.0	28.3	19.4	47.7	74.0	-26.3	Peak	Vertical
	15994.0	25.9	20.4	46.3	74.0	-27.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6491.0	32.9	8.3	41.2	85.9	-44.7	Peak	Horizontal
*	8769.0	29.4	13.9	43.3	85.9	-42.6	Peak	Horizontal
	11081.0	29.2	18.6	47.8	74.0	-26.2	Peak	Horizontal
	15994.0	25.0	20.4	45.4	74.0	-28.6	Peak	Horizontal
*	6431.5	33.0	7.9	40.9	85.9	-45.0	Peak	Vertical
*	8769.0	29.1	13.9	43.0	85.9	-42.9	Peak	Vertical
	11489.0	28.4	19.3	47.7	74.0	-26.3	Peak	Vertical
	15951.5	25.9	20.3	46.2	74.0	-27.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6542.0	32.4	8.6	41.0	87.8	-46.8	Peak	Horizontal
*	8854.0	31.2	14.0	45.2	87.8	-42.6	Peak	Horizontal
	11506.0	27.9	19.4	47.3	74.0	-26.7	Peak	Horizontal
	15951.5	26.0	20.3	46.3	74.0	-27.7	Peak	Horizontal
*	6338.0	31.8	7.4	39.2	87.8	-48.6	Peak	Vertical
*	8616.0	29.9	13.5	43.4	87.8	-44.4	Peak	Vertical
	11506.0	27.4	19.4	46.8	74.0	-27.2	Peak	Vertical
	15713.5	25.6	20.5	46.1	74.0	-27.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.8dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6372.0	32.1	7.5	39.6	86.2	-46.6	Peak	Horizontal
*	8616.0	28.8	13.5	42.3	86.2	-43.9	Peak	Horizontal
	11319.0	28.4	18.9	47.3	74.0	-26.7	Peak	Horizontal
	15892.0	25.9	20.4	46.3	74.0	-27.7	Peak	Horizontal
*	6916.0	31.2	9.9	41.1	86.2	-45.1	Peak	Vertical
*	8743.5	28.8	13.9	42.7	86.2	-43.5	Peak	Vertical
	11531.5	26.5	19.4	45.9	74.0	-28.1	Peak	Vertical
	15892.0	25.8	20.4	46.2	74.0	-27.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.2dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6499.5	31.0	8.4	39.4	85.4	-46.0	Peak	Horizontal
*	8743.5	29.6	13.9	43.5	85.4	-41.9	Peak	Horizontal
	11378.5	28.3	19.1	47.4	74.0	-26.6	Peak	Horizontal
	15679.5	25.5	20.4	45.9	74.0	-28.1	Peak	Horizontal
*	6066.0	33.3	6.3	39.6	85.4	-45.8	Peak	Vertical
*	8633.0	30.5	13.5	44.0	85.4	-41.4	Peak	Vertical
	11030.0	28.8	18.5	47.3	74.0	-26.7	Peak	Vertical
	15679.5	25.2	20.4	45.6	74.0	-28.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6023.5	33.5	6.2	39.7	86.0	-46.3	Peak	Horizontal
*	8803.0	29.2	14.0	43.2	86.0	-42.8	Peak	Horizontal
	11030.0	27.2	18.5	45.7	74.0	-28.3	Peak	Horizontal
	15705.0	25.0	20.5	45.5	74.0	-28.5	Peak	Horizontal
*	6703.5	31.2	8.7	39.9	86.0	-46.1	Peak	Vertical
*	8803.0	28.8	14.0	42.8	86.0	-43.2	Peak	Vertical
	11548.5	27.3	19.4	46.7	74.0	-27.3	Peak	Vertical
	15773.0	24.6	20.4	45.0	74.0	-29.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6805.5	32.5	9.1	41.6	85.4	-43.8	Peak	Horizontal
*	8888.0	29.8	14.0	43.8	85.4	-41.6	Peak	Horizontal
	11421.0	27.2	19.1	46.3	74.0	-27.7	Peak	Horizontal
	15773.0	25.3	20.4	45.7	74.0	-28.3	Peak	Horizontal
*	6678.0	31.5	8.7	40.2	85.4	-45.2	Peak	Vertical
*	8888.0	29.0	14.0	43.0	85.4	-42.4	Peak	Vertical
	11863.0	28.3	18.7	47.0	74.0	-27.0	Peak	Vertical
	15645.5	25.1	20.4	45.5	74.0	-28.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6244.5	33.5	7.0	40.5	79.4	-38.9	Peak	Horizontal
*	8667.0	29.0	13.6	42.6	79.4	-36.8	Peak	Horizontal
	11327.5	27.8	18.9	46.7	74.0	-27.3	Peak	Horizontal
	15645.5	25.3	20.4	45.7	74.0	-28.3	Peak	Horizontal
*	6950.0	29.0	10.2	39.2	79.4	-40.2	Peak	Vertical
*	8667.0	28.1	13.6	41.7	79.4	-37.7	Peak	Vertical
	11599.5	27.7	19.4	47.1	74.0	-26.9	Peak	Vertical
	15926.0	24.2	20.4	44.6	74.0	-29.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (109.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6185.0	31.5	6.8	38.3	84.0	-45.7	Peak	Horizontal
*	8743.5	29.2	13.9	43.1	84.0	-40.9	Peak	Horizontal
	11582.5	27.1	19.5	46.6	74.0	-27.4	Peak	Horizontal
	15926.0	25.5	20.4	45.9	74.0	-28.1	Peak	Horizontal
*	6236.0	33.2	6.9	40.1	84.0	-43.9	Peak	Vertical
*	8743.5	29.6	13.9	43.5	84.0	-40.5	Peak	Vertical
	11931.0	27.2	18.6	45.8	74.0	-28.2	Peak	Vertical
	15705.0	24.8	20.5	45.3	74.0	-28.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6440.0	32.6	8.0	40.6	81.3	-40.7	Peak	Horizontal
*	8539.5	29.3	13.1	42.4	81.3	-38.9	Peak	Horizontal
	11608.0	28.3	19.4	47.7	74.0	-26.3	Peak	Horizontal
	15705.0	25.1	20.5	45.6	74.0	-28.4	Peak	Horizontal
*	6797.0	31.3	9.0	40.3	81.3	-41.0	Peak	Vertical
*	8539.5	29.8	13.1	42.9	81.3	-38.4	Peak	Vertical
	11268.0	27.6	18.8	46.4	74.0	-27.6	Peak	Vertical
	15960.0	26.0	20.3	46.3	74.0	-27.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (111.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 1	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6525.0	32.7	8.5	41.2	83.2	-42.0	Peak	Horizontal
*	8650.0	30.1	13.6	43.7	83.2	-39.5	Peak	Horizontal
	11599.5	27.0	19.4	46.4	74.0	-27.6	Peak	Horizontal
	15960.0	25.1	20.3	45.4	74.0	-28.6	Peak	Horizontal
*	6159.5	33.7	6.7	40.4	83.2	-42.8	Peak	Vertical
*	8650.0	29.0	13.6	42.6	83.2	-40.6	Peak	Vertical
	11072.5	28.3	18.6	46.9	74.0	-27.1	Peak	Vertical
	16045.0	26.4	20.3	46.7	74.0	-27.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6159.5	32.7	6.7	39.4	82.4	-43.0	Peak	Horizontal
*	8641.5	30.3	13.5	43.8	82.4	-38.6	Peak	Horizontal
	11684.5	27.5	19.2	46.7	74.0	-27.3	Peak	Horizontal
	16045.0	24.9	20.3	45.2	74.0	-28.8	Peak	Horizontal
*	6576.0	32.1	8.6	40.7	82.4	-41.7	Peak	Vertical
*	8641.5	28.4	13.5	41.9	82.4	-40.5	Peak	Vertical
	11123.5	28.8	18.6	47.4	74.0	-26.6	Peak	Vertical
	15883.5	25.5	20.4	45.9	74.0	-28.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 1	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6270.0	32.5	7.1	39.6	83.4	-43.8	Peak	Horizontal
*	8718.0	29.4	13.8	43.2	83.4	-40.2	Peak	Horizontal
	11021.5	27.0	18.5	45.5	74.0	-28.5	Peak	Horizontal
	15883.5	25.0	20.4	45.4	74.0	-28.6	Peak	Horizontal
*	6992.5	29.7	10.5	40.2	83.4	-43.2	Peak	Vertical
*	8718.0	29.0	13.8	42.8	83.4	-40.6	Peak	Vertical
	11531.5	28.5	19.4	47.9	74.0	-26.1	Peak	Vertical
	15756.0	25.0	20.4	45.4	74.0	-28.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 1	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6499.5	31.3	8.4	39.7	85.4	-45.7	Peak	Horizontal
*	8794.5	28.8	13.9	42.7	85.4	-42.7	Peak	Horizontal
	11327.5	27.8	18.9	46.7	74.0	-27.3	Peak	Horizontal
	15756.0	23.9	20.4	44.3	74.0	-29.7	Peak	Horizontal
*	6797.0	32.1	9.0	41.1	85.4	-44.3	Peak	Vertical
*	8794.5	28.4	13.9	42.3	85.4	-43.1	Peak	Vertical
	11659.0	27.9	19.3	47.2	74.0	-26.8	Peak	Vertical
	15943.0	26.2	20.3	46.5	74.0	-27.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.4dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6414.5	31.7	7.8	39.5	86.0	-46.5	Peak	Horizontal
*	8888.0	30.0	14.0	44.0	86.0	-42.0	Peak	Horizontal
	11514.5	27.2	19.4	46.6	74.0	-27.4	Peak	Horizontal
	15943.0	25.1	20.3	45.4	74.0	-28.6	Peak	Horizontal
*	6652.5	31.7	8.7	40.4	86.0	-45.6	Peak	Vertical
*	8888.0	27.9	14.0	41.9	86.0	-44.1	Peak	Vertical
	11098.0	28.3	18.6	46.9	74.0	-27.1	Peak	Vertical
	15934.5	24.8	20.3	45.1	74.0	-28.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 1	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6244.5	32.9	7.0	39.9	87.3	-47.4	Peak	Horizontal
*	8701.0	29.7	13.8	43.5	87.3	-43.8	Peak	Horizontal
	11540.0	27.6	19.4	47.0	74.0	-27.0	Peak	Horizontal
	15934.5	25.4	20.3	45.7	74.0	-28.3	Peak	Horizontal
*	6584.5	32.2	8.6	40.8	87.3	-46.5	Peak	Vertical
*	8701.0	29.5	13.8	43.3	87.3	-44.0	Peak	Vertical
	11625.0	28.5	19.4	47.9	74.0	-26.1	Peak	Vertical
	15730.5	26.0	20.5	46.5	74.0	-27.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6431.5	32.9	7.9	40.8	84.7	-43.9	Peak	Horizontal
*	8624.5	30.2	13.5	43.7	84.7	-41.0	Peak	Horizontal
	11106.5	29.5	18.6	48.1	74.0	-25.9	Peak	Horizontal
	15730.5	25.5	20.5	46.0	74.0	-28.0	Peak	Horizontal
*	6380.5	30.7	7.6	38.3	84.7	-46.4	Peak	Vertical
*	8624.5	29.6	13.5	43.1	84.7	-41.6	Peak	Vertical
	11327.5	27.2	18.9	46.1	74.0	-27.9	Peak	Vertical
	15875.0	25.2	20.4	45.6	74.0	-28.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6839.5	31.8	9.3	41.1	89.3	-48.2	Peak	Horizontal
*	8811.5	29.4	14.0	43.4	89.3	-45.9	Peak	Horizontal
	11489.0	27.3	19.3	46.6	74.0	-27.4	Peak	Horizontal
	15875.0	24.1	20.4	44.5	74.0	-29.5	Peak	Horizontal
*	6737.5	30.6	8.8	39.4	89.3	-49.9	Peak	Vertical
*	8811.5	27.5	14.0	41.5	89.3	-47.8	Peak	Vertical
	11548.5	27.6	19.4	47.0	74.0	-27.0	Peak	Vertical
	15739.0	25.5	20.4	45.9	74.0	-28.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (119.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6168.0	32.6	6.7	39.3	87.7	-48.4	Peak	Horizontal
*	8667.0	30.2	13.6	43.8	87.7	-43.9	Peak	Horizontal
	11506.0	27.9	19.4	47.3	74.0	-26.7	Peak	Horizontal
	15739.0	25.2	20.4	45.6	74.0	-28.4	Peak	Horizontal
*	6542.0	32.1	8.6	40.7	87.7	-47.0	Peak	Vertical
*	8667.0	28.9	13.6	42.5	87.7	-45.2	Peak	Vertical
	11344.5	28.6	19.0	47.6	74.0	-26.4	Peak	Vertical
	15909.0	25.8	20.4	46.2	74.0	-27.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6695.0	32.5	8.7	41.2	79.0	-37.8	Peak	Horizontal
*	8616.0	30.0	13.5	43.5	79.0	-35.5	Peak	Horizontal
	11455.0	26.5	19.2	45.7	74.0	-28.3	Peak	Horizontal
	15909.0	24.8	20.4	45.2	74.0	-28.8	Peak	Horizontal
*	6525.0	31.9	8.5	40.4	79.0	-38.6	Peak	Vertical
*	8616.0	29.3	13.5	42.8	79.0	-36.2	Peak	Vertical
	11574.0	27.4	19.5	46.9	74.0	-27.1	Peak	Vertical
	15943.0	25.6	20.3	45.9	74.0	-28.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (109.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6236.0	33.7	6.9	40.6	84.2	-43.6	Peak	Horizontal
*	8820.0	28.9	14.0	42.9	84.2	-41.3	Peak	Horizontal
	11659.0	27.2	19.3	46.5	74.0	-27.5	Peak	Horizontal
	15943.0	24.9	20.3	45.2	74.0	-28.8	Peak	Horizontal
*	6695.0	31.8	8.7	40.5	84.2	-43.7	Peak	Vertical
*	8820.0	28.7	14.0	42.7	84.2	-41.5	Peak	Vertical
	11463.5	27.3	19.3	46.6	74.0	-27.4	Peak	Vertical
	15781.5	25.6	20.4	46.0	74.0	-28.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6210.5	33.2	6.9	40.1	83.1	-43.0	Peak	Horizontal
*	8956.0	29.4	14.0	43.4	83.1	-39.7	Peak	Horizontal
	11072.5	28.3	18.6	46.9	74.0	-27.1	Peak	Horizontal
	15781.5	25.3	20.4	45.7	74.0	-28.3	Peak	Horizontal
*	6474.0	33.2	8.2	41.4	83.1	-41.7	Peak	Vertical
*	8956.0	28.5	14.0	42.5	83.1	-40.6	Peak	Vertical
	11072.5	28.8	18.6	47.4	74.0	-26.6	Peak	Vertical
	15866.5	26.2	20.4	46.6	74.0	-27.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6533.5	31.8	8.5	40.3	83.1	-42.8	Peak	Horizontal
*	8641.5	30.1	13.5	43.6	83.1	-39.5	Peak	Horizontal
	11514.5	27.6	19.4	47.0	74.0	-27.0	Peak	Horizontal
	15866.5	24.5	20.4	44.9	74.0	-29.1	Peak	Horizontal
*	6567.5	32.3	8.6	40.9	83.1	-42.2	Peak	Vertical
*	8641.5	29.2	13.5	42.7	83.1	-40.4	Peak	Vertical
	11574.0	27.6	19.5	47.1	74.0	-26.9	Peak	Vertical
	15713.5	25.0	20.5	45.5	74.0	-28.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6984.0	30.9	10.4	41.3	83.7	-42.4	Peak	Horizontal
*	8607.5	30.4	13.5	43.9	83.7	-39.8	Peak	Horizontal
	11973.5	27.3	18.7	46.0	74.0	-28.0	Peak	Horizontal
	15713.5	25.0	20.5	45.5	74.0	-28.5	Peak	Horizontal
*	6652.5	32.1	8.7	40.8	83.7	-42.9	Peak	Vertical
*	8607.5	29.0	13.5	42.5	83.7	-41.2	Peak	Vertical
	11523.0	28.3	19.4	47.7	74.0	-26.3	Peak	Vertical
	15773.0	24.9	20.4	45.3	74.0	-28.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6168.0	33.0	6.7	39.7	82.5	-42.8	Peak	Horizontal
*	8735.0	29.4	13.9	43.3	82.5	-39.2	Peak	Horizontal
	11718.5	24.9	19.0	43.9	74.0	-30.1	Peak	Horizontal
	15773.0	25.3	20.4	45.7	74.0	-28.3	Peak	Horizontal
*	6397.5	32.1	7.7	39.8	82.5	-42.7	Peak	Vertical
*	8735.0	28.4	13.9	42.3	82.5	-40.2	Peak	Vertical
	11531.5	26.0	19.4	45.4	74.0	-28.6	Peak	Vertical
	15739.0	25.6	20.4	46.0	74.0	-28.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6576.0	32.2	8.6	40.8	87.0	-46.2	Peak	Horizontal
*	8701.0	29.6	13.8	43.4	87.0	-43.6	Peak	Horizontal
	11123.5	27.7	18.6	46.3	74.0	-27.7	Peak	Horizontal
	15739.0	25.7	20.4	46.1	74.0	-27.9	Peak	Horizontal
*	6423.0	33.9	7.8	41.7	87.0	-45.3	Peak	Vertical
*	8701.0	28.7	13.8	42.5	87.0	-44.5	Peak	Vertical
	11514.5	27.6	19.4	47.0	74.0	-27.0	Peak	Vertical
	15688.0	24.2	20.5	44.7	74.0	-29.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6499.5	32.3	8.4	40.7	89.3	-48.6	Peak	Horizontal
*	8616.0	29.7	13.5	43.2	89.3	-46.1	Peak	Horizontal
	11582.5	27.3	19.5	46.8	74.0	-27.2	Peak	Horizontal
	15688.0	25.1	20.5	45.6	74.0	-28.4	Peak	Horizontal
*	6797.0	33.1	9.0	42.1	89.3	-47.2	Peak	Vertical
*	8616.0	30.1	13.5	43.6	89.3	-45.7	Peak	Vertical
	11591.0	26.6	19.5	46.1	74.0	-27.9	Peak	Vertical
	15900.5	25.7	20.4	46.1	74.0	-27.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (119.3dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6958.5	31.1	10.2	41.3	85.5	-44.2	Peak	Horizontal
*	8599.0	30.5	13.4	43.9	85.5	-41.6	Peak	Horizontal
	11395.5	28.0	19.1	47.1	74.0	-26.9	Peak	Horizontal
	15900.5	25.0	20.4	45.4	74.0	-28.6	Peak	Horizontal
*	6559.0	31.6	8.6	40.2	85.5	-45.3	Peak	Vertical
*	8599.0	28.3	13.4	41.7	85.5	-43.8	Peak	Vertical
	11463.5	27.3	19.3	46.6	74.0	-27.4	Peak	Vertical
	15705.0	25.9	20.5	46.4	74.0	-27.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6083.0	33.5	6.4	39.9	84.9	-45.0	Peak	Horizontal
*	8896.5	29.9	14.0	43.9	84.9	-41.0	Peak	Horizontal
	11446.5	27.7	19.2	46.9	74.0	-27.1	Peak	Horizontal
	15705.0	24.9	20.5	45.4	74.0	-28.6	Peak	Horizontal
*	6491.0	31.5	8.3	39.8	84.9	-45.1	Peak	Vertical
*	8896.5	27.5	14.0	41.5	84.9	-43.4	Peak	Vertical
	11582.5	27.1	19.5	46.6	74.0	-27.4	Peak	Vertical
	15637.0	24.6	20.4	45.0	74.0	-29.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6737.5	31.5	8.8	40.3	88.2	-47.9	Peak	Horizontal
*	8803.0	30.5	14.0	44.5	88.2	-43.7	Peak	Horizontal
	11591.0	27.0	19.5	46.5	74.0	-27.5	Peak	Horizontal
	15637.0	25.4	20.4	45.8	74.0	-28.2	Peak	Horizontal
*	6499.5	33.0	8.4	41.4	88.2	-46.8	Peak	Vertical
*	8803.0	28.0	14.0	42.0	88.2	-46.2	Peak	Vertical
	11514.5	27.2	19.4	46.6	74.0	-27.4	Peak	Vertical
	15849.5	24.4	20.4	44.8	74.0	-29.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (118.2dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6423.0	32.5	7.8	40.3	85.3	-45.0	Peak	Horizontal
*	8565.0	31.5	13.3	44.8	85.3	-40.5	Peak	Horizontal
	11157.5	28.3	18.7	47.0	74.0	-27.0	Peak	Horizontal
	15849.5	25.3	20.4	45.7	74.0	-28.3	Peak	Horizontal
*	6814.0	32.7	9.1	41.8	85.3	-43.5	Peak	Vertical
*	8565.0	29.9	13.3	43.2	85.3	-42.1	Peak	Vertical
	11310.5	27.5	18.9	46.4	74.0	-27.6	Peak	Vertical
	15586.0	25.5	20.5	46.0	74.0	-28.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6202.0	33.1	6.8	39.9	79.5	-39.6	Peak	Horizontal
*	8837.0	29.0	14.0	43.0	79.5	-36.5	Peak	Horizontal
	11319.0	28.0	18.9	46.9	74.0	-27.1	Peak	Horizontal
	15586.0	24.9	20.5	45.4	74.0	-28.6	Peak	Horizontal
*	6525.0	32.1	8.5	40.6	79.5	-38.9	Peak	Vertical
*	8837.0	28.1	14.0	42.1	79.5	-37.4	Peak	Vertical
	11939.5	26.6	18.6	45.2	74.0	-28.8	Peak	Vertical
	15645.5	24.7	20.4	45.1	74.0	-28.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (109.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6907.5	31.7	9.9	41.6	86.7	-45.1	Peak	Horizontal
*	8658.5	28.2	13.6	41.8	86.7	-44.9	Peak	Horizontal
	11650.5	25.6	19.3	44.9	74.0	-29.1	Peak	Horizontal
	15645.5	24.1	20.4	44.5	74.0	-29.5	Peak	Horizontal
*	6040.5	33.1	6.2	39.3	86.7	-47.4	Peak	Vertical
*	8658.5	29.0	13.6	42.6	86.7	-44.1	Peak	Vertical
	11633.5	26.2	19.4	45.6	74.0	-28.4	Peak	Vertical
	15849.5	25.1	20.4	45.5	74.0	-28.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6499.5	33.6	8.4	42.0	81.9	-39.9	Peak	Horizontal
*	8599.0	30.6	13.4	44.0	81.9	-37.9	Peak	Horizontal
	11514.5	27.8	19.4	47.2	74.0	-26.8	Peak	Horizontal
	15849.5	25.1	20.4	45.5	74.0	-28.5	Peak	Horizontal
*	6856.5	30.9	9.5	40.4	81.9	-41.5	Peak	Vertical
*	8599.0	28.8	13.4	42.2	81.9	-39.7	Peak	Vertical
	11115.0	28.4	18.6	47.0	74.0	-27.0	Peak	Vertical
	15849.5	24.8	20.4	45.2	74.0	-28.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (111.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6550.5	33.1	8.6	41.7	83.8	-42.1	Peak	Horizontal
*	8837.0	29.6	14.0	43.6	83.8	-40.2	Peak	Horizontal
	11565.5	27.7	19.5	47.2	74.0	-26.8	Peak	Horizontal
	15849.5	24.9	20.4	45.3	74.0	-28.7	Peak	Horizontal
*	6907.5	32.2	9.9	42.1	83.8	-41.7	Peak	Vertical
*	8837.0	28.0	14.0	42.0	83.8	-41.8	Peak	Vertical
	11871.5	28.0	18.7	46.7	74.0	-27.3	Peak	Vertical
	15824.0	26.4	20.4	46.8	74.0	-27.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.8dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6193.5	34.3	6.8	41.1	84.1	-43.0	Peak	Horizontal
*	8641.5	31.2	13.5	44.7	84.1	-39.4	Peak	Horizontal
	11557.0	27.4	19.5	46.9	74.0	-27.1	Peak	Horizontal
	15824.0	24.6	20.4	45.0	74.0	-29.0	Peak	Horizontal
*	6763.0	32.1	8.9	41.0	84.1	-43.1	Peak	Vertical
*	8641.5	29.0	13.5	42.5	84.1	-41.6	Peak	Vertical
	11072.5	28.7	18.6	47.3	74.0	-26.7	Peak	Vertical
	15926.0	24.5	20.4	44.9	74.0	-29.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6627.0	32.7	8.7	41.4	83.5	-42.1	Peak	Horizontal
*	8820.0	29.3	14.0	43.3	83.5	-40.2	Peak	Horizontal
	11497.5	27.7	19.3	47.0	74.0	-27.0	Peak	Horizontal
	15926.0	25.0	20.4	45.4	74.0	-28.6	Peak	Horizontal
*	6576.0	32.2	8.6	40.8	83.5	-42.7	Peak	Vertical
*	8820.0	28.5	14.0	42.5	83.5	-41.0	Peak	Vertical
	11667.5	27.4	19.3	46.7	74.0	-27.3	Peak	Vertical
	15917.5	25.2	20.4	45.6	74.0	-28.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.5dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6831.0	32.2	9.3	41.5	86.3	-44.8	Peak	Horizontal
*	8573.5	30.4	13.3	43.7	86.3	-42.6	Peak	Horizontal
	11072.5	29.2	18.6	47.8	74.0	-26.2	Peak	Horizontal
	15917.5	23.5	20.4	43.9	74.0	-30.1	Peak	Horizontal
*	6703.5	32.1	8.7	40.8	86.3	-45.5	Peak	Vertical
*	8573.5	29.7	13.3	43.0	86.3	-43.3	Peak	Vertical
	11327.5	27.9	18.9	46.8	74.0	-27.2	Peak	Vertical
	15841.0	24.6	20.4	45.0	74.0	-29.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6329.5	31.9	7.3	39.2	89.3	-50.1	Peak	Horizontal
*	8692.5	29.7	13.7	43.4	89.3	-45.9	Peak	Horizontal
	11582.5	25.9	19.5	45.4	74.0	-28.6	Peak	Horizontal
	15841.0	25.6	20.4	46.0	74.0	-28.0	Peak	Horizontal
*	6882.0	31.9	9.7	41.6	89.3	-47.7	Peak	Vertical
*	8692.5	28.6	13.7	42.3	89.3	-47.0	Peak	Vertical
	11353.0	27.5	19.0	46.5	74.0	-27.5	Peak	Vertical
	15968.5	25.8	20.3	46.1	74.0	-27.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (119.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6542.0	32.3	8.6	40.9	86.5	-45.6	Peak	Horizontal
*	8735.0	29.8	13.9	43.7	86.5	-42.8	Peak	Horizontal
	11948.0	26.3	18.6	44.9	74.0	-29.1	Peak	Horizontal
	15968.5	25.4	20.3	45.7	74.0	-28.3	Peak	Horizontal
*	6499.5	31.9	8.4	40.3	86.5	-46.2	Peak	Vertical
*	8735.0	29.0	13.9	42.9	86.5	-43.6	Peak	Vertical
	11633.5	26.7	19.4	46.1	74.0	-27.9	Peak	Vertical
	15764.5	25.1	20.4	45.5	74.0	-28.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (116.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6831.0	32.0	9.3	41.3	86.0	-44.7	Peak	Horizontal
*	8820.0	28.5	14.0	42.5	86.0	-43.5	Peak	Horizontal
	11548.5	28.2	19.4	47.6	74.0	-26.4	Peak	Horizontal
	15764.5	24.6	20.4	45.0	74.0	-29.0	Peak	Horizontal
*	6763.0	30.9	8.9	39.8	86.0	-46.2	Peak	Vertical
*	8820.0	29.2	14.0	43.2	86.0	-42.8	Peak	Vertical
	11506.0	28.1	19.4	47.5	74.0	-26.5	Peak	Vertical
	15713.5	26.6	20.5	47.1	74.0	-26.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6525.0	32.6	8.5	41.1	89.0	-47.9	Peak	Horizontal
*	8582.0	28.8	13.4	42.2	89.0	-46.8	Peak	Horizontal
	11948.0	26.5	18.6	45.1	74.0	-28.9	Peak	Horizontal
	15713.5	24.5	20.5	45.0	74.0	-29.0	Peak	Horizontal
*	6907.5	31.5	9.9	41.4	89.0	-47.6	Peak	Vertical
*	8582.0	28.9	13.4	42.3	89.0	-46.7	Peak	Vertical
	11642.0	27.3	19.4	46.7	74.0	-27.3	Peak	Vertical
	15773.0	25.2	20.4	45.6	74.0	-28.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (119.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6423.0	33.0	7.8	40.8	86.3	-45.5	Peak	Horizontal
*	8624.5	29.5	13.5	43.0	86.3	-43.3	Peak	Horizontal
	11769.5	27.7	18.8	46.5	74.0	-27.5	Peak	Horizontal
	15773.0	24.6	20.4	45.0	74.0	-29.0	Peak	Horizontal
*	6644.0	32.3	8.7	41.0	86.3	-45.3	Peak	Vertical
*	8624.5	28.8	13.5	42.3	86.3	-44.0	Peak	Vertical
	11684.5	26.5	19.2	45.7	74.0	-28.3	Peak	Vertical
	15849.5	24.8	20.4	45.2	74.0	-28.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 3	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6984.0	32.5	10.4	42.9	80.6	-37.7	Peak	Horizontal
*	8624.5	30.5	13.5	44.0	80.6	-36.6	Peak	Horizontal
	11948.0	28.2	18.6	46.8	74.0	-27.2	Peak	Horizontal
	15849.5	25.4	20.4	45.8	74.0	-28.2	Peak	Horizontal
*	6652.5	32.1	8.7	40.8	80.6	-39.8	Peak	Vertical
*	8624.5	29.0	13.5	42.5	80.6	-38.1	Peak	Vertical
	11761.0	28.2	18.9	47.1	74.0	-26.9	Peak	Vertical
	15722.0	26.1	20.5	46.6	74.0	-27.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (110.6dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6474.0	32.0	8.2	40.2	82.0	-41.8	Peak	Horizontal
*	8837.0	29.0	14.0	43.0	82.0	-39.0	Peak	Horizontal
	11531.5	26.8	19.4	46.2	74.0	-27.8	Peak	Horizontal
	15722.0	24.3	20.5	44.8	74.0	-29.2	Peak	Horizontal
*	6525.0	33.3	8.5	41.8	82.0	-40.2	Peak	Vertical
*	8837.0	28.3	14.0	42.3	82.0	-39.7	Peak	Vertical
	11438.0	26.8	19.2	46.0	74.0	-28.0	Peak	Vertical
	15934.5	25.2	20.3	45.5	74.0	-28.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 3	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6652.5	32.4	8.7	41.1	83.2	-42.1	Peak	Horizontal
*	8624.5	30.6	13.5	44.1	83.2	-39.1	Peak	Horizontal
	11489.0	27.8	19.3	47.1	74.0	-26.9	Peak	Horizontal
	15934.5	26.3	20.3	46.6	74.0	-27.4	Peak	Horizontal
*	6992.5	31.3	10.5	41.8	83.2	-41.4	Peak	Vertical
*	8624.5	29.2	13.5	42.7	83.2	-40.5	Peak	Vertical
	11574.0	28.4	19.5	47.9	74.0	-26.1	Peak	Vertical
	15875.0	25.7	20.4	46.1	74.0	-27.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6856.5	31.7	9.5	41.2	92.5	-51.3	Peak	Horizontal
*	8777.5	29.7	13.9	43.6	92.5	-48.9	Peak	Horizontal
	11089.5	29.2	18.6	47.8	74.0	-26.2	Peak	Horizontal
	15875.0	25.4	20.4	45.8	74.0	-28.2	Peak	Horizontal
*	6712.0	33.0	8.7	41.7	92.5	-50.8	Peak	Vertical
*	8777.5	28.0	13.9	41.9	92.5	-50.6	Peak	Vertical
	11557.0	27.3	19.5	46.8	74.0	-27.2	Peak	Vertical
	15968.5	25.7	20.3	46.0	74.0	-28.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (122.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6644.0	32.7	8.7	41.4	93.2	-51.8	Peak	Horizontal
*	8743.5	29.8	13.9	43.7	93.2	-49.5	Peak	Horizontal
	11047.0	29.0	18.5	47.5	74.0	-26.5	Peak	Horizontal
	15968.5	25.2	20.3	45.5	74.0	-28.5	Peak	Horizontal
*	6797.0	31.1	9.0	40.1	93.2	-53.1	Peak	Vertical
*	8743.5	28.2	13.9	42.1	93.2	-51.1	Peak	Vertical
	11149.0	28.4	18.7	47.1	74.0	-26.9	Peak	Vertical
	15917.5	25.4	20.4	45.8	74.0	-28.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (123.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6533.5	33.5	8.5	42.0	93.0	-51.0	Peak	Horizontal
*	8726.5	29.9	13.8	43.7	93.0	-49.3	Peak	Horizontal
	11854.5	25.2	18.7	43.9	74.0	-30.1	Peak	Horizontal
	15917.5	24.7	20.4	45.1	74.0	-28.9	Peak	Horizontal
*	6737.5	32.5	8.8	41.3	93.0	-51.7	Peak	Vertical
*	8726.5	29.4	13.8	43.2	93.0	-49.8	Peak	Vertical
	11514.5	28.0	19.4	47.4	74.0	-26.6	Peak	Vertical
	15985.5	24.6	20.4	45.0	74.0	-29.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (123.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6797.0	31.5	9.0	40.5	92.1	-51.6	Peak	Horizontal
*	8845.5	29.5	14.0	43.5	92.1	-48.6	Peak	Horizontal
	11684.5	26.1	19.2	45.3	74.0	-28.7	Peak	Horizontal
	15985.5	26.2	20.4	46.6	74.0	-27.4	Peak	Horizontal
*	6703.5	31.4	8.7	40.1	92.1	-52.0	Peak	Vertical
*	8845.5	28.2	14.0	42.2	92.1	-49.9	Peak	Vertical
	11480.5	27.6	19.3	46.9	74.0	-27.1	Peak	Vertical
	15960.0	26.6	20.3	46.9	74.0	-27.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (122.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6805.5	33.3	9.1	42.4	99.5	-57.1	Peak	Horizontal
*	8684.0	29.4	13.7	43.1	99.5	-56.4	Peak	Horizontal
	11591.0	27.0	19.5	46.5	74.0	-27.5	Peak	Horizontal
	15960.0	25.9	20.3	46.2	74.0	-27.8	Peak	Horizontal
*	6933.0	31.4	10.1	41.5	99.5	-58.0	Peak	Vertical
*	8684.0	29.1	13.7	42.8	99.5	-56.7	Peak	Vertical
	11540.0	27.9	19.4	47.3	74.0	-26.7	Peak	Vertical
	15824.0	25.6	20.4	46.0	74.0	-28.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (129.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6703.5	33.6	8.7	42.3	93.7	-51.4	Peak	Horizontal
*	8616.0	31.4	13.5	44.9	93.7	-48.8	Peak	Horizontal
	11259.5	27.7	18.8	46.5	74.0	-27.5	Peak	Horizontal
	15824.0	24.6	20.4	45.0	74.0	-29.0	Peak	Horizontal
*	6227.5	33.5	6.9	40.4	93.7	-53.3	Peak	Vertical
*	8616.0	28.7	13.5	42.2	93.7	-51.5	Peak	Vertical
	11540.0	27.6	19.4	47.0	74.0	-27.0	Peak	Vertical
	15764.5	25.4	20.4	45.8	74.0	-28.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (123.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6431.5	32.9	7.9	40.8	91.1	-50.3	Peak	Horizontal
*	8896.5	29.9	14.0	43.9	91.1	-47.2	Peak	Horizontal
	11591.0	27.9	19.5	47.4	74.0	-26.6	Peak	Horizontal
	15764.5	25.2	20.4	45.6	74.0	-28.4	Peak	Horizontal
*	6465.5	31.3	8.1	39.4	91.1	-51.7	Peak	Vertical
*	8896.5	28.6	14.0	42.6	91.1	-48.5	Peak	Vertical
	11115.0	27.7	18.6	46.3	74.0	-27.7	Peak	Vertical
	15773.0	25.5	20.4	45.9	74.0	-28.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (121.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6627.0	32.6	8.7	41.3	99.3	-58.0	Peak	Horizontal
*	8939.0	29.7	14.0	43.7	99.3	-55.6	Peak	Horizontal
	11421.0	27.4	19.1	46.5	74.0	-27.5	Peak	Horizontal
	15773.0	24.7	20.4	45.1	74.0	-28.9	Peak	Horizontal
*	6882.0	31.8	9.7	41.5	99.3	-57.8	Peak	Vertical
*	8939.0	29.3	14.0	43.3	99.3	-56.0	Peak	Vertical
	11608.0	27.4	19.4	46.8	74.0	-27.2	Peak	Vertical
	15866.5	25.1	20.4	45.5	74.0	-28.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (129.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6661.0	32.5	8.7	41.2	94.0	-52.8	Peak	Horizontal
*	8633.0	29.8	13.5	43.3	94.0	-50.7	Peak	Horizontal
	11251.0	29.3	18.8	48.1	74.0	-25.9	Peak	Horizontal
	15866.5	25.3	20.4	45.7	74.0	-28.3	Peak	Horizontal
*	6584.5	32.5	8.6	41.1	94.0	-52.9	Peak	Vertical
*	8633.0	29.3	13.5	42.8	94.0	-51.2	Peak	Vertical
	11302.0	28.5	18.9	47.4	74.0	-26.6	Peak	Vertical
	15866.5	26.0	20.4	46.4	74.0	-27.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (124.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6584.5	33.2	8.6	41.8	85.7	-43.9	Peak	Horizontal
*	8616.0	30.5	13.5	44.0	85.7	-41.7	Peak	Horizontal
	11293.5	27.6	18.9	46.5	74.0	-27.5	Peak	Horizontal
	15866.5	25.0	20.4	45.4	74.0	-28.6	Peak	Horizontal
*	6729.0	32.7	8.7	41.4	85.7	-44.3	Peak	Vertical
*	8616.0	28.6	13.5	42.1	85.7	-43.6	Peak	Vertical
	11174.5	26.6	18.7	45.3	74.0	-28.7	Peak	Vertical
	15926.0	24.5	20.4	44.9	74.0	-29.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6440.0	32.4	8.0	40.4	98.4	-58.0	Peak	Horizontal
*	8675.5	29.3	13.7	43.0	98.4	-55.4	Peak	Horizontal
	11965.0	27.0	18.6	45.6	74.0	-28.4	Peak	Horizontal
	15926.0	25.6	20.4	46.0	74.0	-28.0	Peak	Horizontal
*	6661.0	33.1	8.7	41.8	98.4	-56.6	Peak	Vertical
*	8675.5	30.0	13.7	43.7	98.4	-54.7	Peak	Vertical
	11378.5	26.5	19.1	45.6	74.0	-28.4	Peak	Vertical
	15637.0	25.8	20.4	46.2	74.0	-27.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (128.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP4RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6686.5	33.1	8.7	41.8	86.6	-44.8	Peak	Horizontal
*	8539.5	28.9	13.1	42.0	86.6	-44.6	Peak	Horizontal
	11582.5	27.3	19.5	46.8	74.0	-27.2	Peak	Horizontal
	15637.0	25.2	20.4	45.6	74.0	-28.4	Peak	Horizontal
*	6805.5	32.7	9.1	41.8	86.6	-44.8	Peak	Vertical
*	8539.5	31.3	13.1	44.4	86.6	-42.2	Peak	Vertical
	11523.0	27.9	19.4	47.3	74.0	-26.7	Peak	Vertical
	15815.5	25.8	20.4	46.2	74.0	-27.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.6dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6185.0	34.1	6.8	40.9	86.6	-45.7	Peak	Horizontal
*	8811.5	30.4	14.0	44.4	86.6	-42.2	Peak	Horizontal
	11650.5	30.2	19.3	49.5	74.0	-24.5	Peak	Horizontal
	15954.0	29.4	20.3	49.7	74.0	-24.3	Peak	Horizontal
*	6652.5	33.4	8.7	42.1	86.6	-44.5	Peak	Vertical
*	8752.0	30.5	13.9	44.4	86.6	-42.2	Peak	Vertical
	11565.5	30.1	19.5	49.6	74.0	-24.4	Peak	Vertical
	15892.0	28.4	20.4	48.8	74.0	-25.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (116.6dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6984.0	31.0	10.4	41.4	87.0	-45.6	Peak	Horizontal
*	8752.0	30.5	13.9	44.4	87.0	-42.6	Peak	Horizontal
	11693.0	31.1	19.2	50.3	74.0	-23.7	Peak	Horizontal
	15752.0	30.2	20.4	50.6	74.0	-23.4	Peak	Horizontal
*	6822.5	33.9	9.2	43.1	87.0	-43.9	Peak	Vertical
*	8803.0	29.9	14.0	43.9	87.0	-43.1	Peak	Vertical
	11497.5	29.8	19.3	49.1	74.0	-24.9	Peak	Vertical
	15654.0	30.3	20.4	50.7	74.0	-23.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6805.5	33.4	9.1	42.5	85.9	-43.4	Peak	Horizontal
*	8803.0	29.9	14.0	43.9	85.9	-42.0	Peak	Horizontal
	11616.5	29.8	19.4	49.2	74.0	-24.8	Peak	Horizontal
	15661.0	28.7	20.4	49.1	74.0	-24.9	Peak	Horizontal
*	6389.0	32.8	7.6	40.4	85.9	-45.5	Peak	Vertical
*	8735.0	30.2	13.9	44.1	85.9	-41.8	Peak	Vertical
	11548.5	30.2	19.4	49.6	74.0	-24.4	Peak	Vertical
	15603.0	27.8	20.5	48.3	74.0	-25.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6593.0	32.8	8.7	41.5	83.5	-42.0	Peak	Horizontal
*	8735.0	30.2	13.9	44.1	83.5	-39.4	Peak	Horizontal
	11353.0	30.6	19.0	49.6	74.0	-24.4	Peak	Horizontal
	15671.0	30.3	20.4	50.7	74.0	-23.3	Peak	Horizontal
*	6933.0	32.5	10.1	42.6	83.5	-40.9	Peak	Vertical
*	8769.0	29.2	13.9	43.1	83.5	-40.4	Peak	Vertical
	11616.5	29.4	19.4	48.8	74.0	-25.2	Peak	Vertical
	15977.0	30.5	20.4	50.9	74.0	-23.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6125.5	34.6	6.5	41.1	83.7	-42.6	Peak	Horizontal
*	8769.0	29.2	13.9	43.1	83.7	-40.6	Peak	Horizontal
	11506.0	29.8	19.4	49.2	74.0	-24.8	Peak	Horizontal
	15763.5	30.6	20.4	51.0	74.0	-23.0	Peak	Horizontal
*	6533.5	33.6	8.5	42.1	83.7	-41.6	Peak	Vertical
*	8794.5	30.0	13.9	43.9	83.7	-39.8	Peak	Vertical
	11514.5	29.5	19.4	48.9	74.0	-25.1	Peak	Vertical
	15883.5	30.2	20.4	50.6	74.0	-23.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6406.0	33.1	7.7	40.8	82.8	-42.0	Peak	Horizontal
*	8794.5	30.0	13.9	43.9	82.8	-38.9	Peak	Horizontal
	11676.0	29.9	19.2	49.1	74.0	-24.9	Peak	Horizontal
	15934.0	29.4	20.3	49.7	74.0	-24.3	Peak	Horizontal
*	6678.0	32.7	8.7	41.4	82.8	-41.4	Peak	Vertical
*	8777.5	30.9	13.9	44.8	82.8	-38.0	Peak	Vertical
	11608.0	29.9	19.4	49.3	74.0	-24.7	Peak	Vertical
	15730.5	29.0	20.5	49.5	74.0	-24.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.8dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6618.5	33.2	8.7	41.9	82.2	-40.3	Peak	Horizontal
*	8777.5	30.9	13.9	44.8	82.2	-37.4	Peak	Horizontal
	11574.0	29.9	19.5	49.4	74.0	-24.6	Peak	Horizontal
	15994.5	29.3	20.4	49.7	74.0	-24.3	Peak	Horizontal
*	6525.0	32.4	8.5	40.9	82.2	-41.3	Peak	Vertical
*	8922.0	30.6	14.0	44.6	82.2	-37.6	Peak	Vertical
	11574.0	29.5	19.5	49.0	74.0	-25.0	Peak	Vertical
	15883.5	28.9	20.4	49.3	74.0	-24.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6797.0	33.0	9.0	42.0	82.4	-40.4	Peak	Horizontal
*	8922.0	30.6	14.0	44.6	82.4	-37.8	Peak	Horizontal
	11387.0	29.8	19.1	48.9	74.0	-25.1	Peak	Horizontal
	15869.0	28.7	20.4	49.1	74.0	-24.9	Peak	Horizontal
*	6584.5	33.2	8.6	41.8	82.4	-40.6	Peak	Vertical
*	8981.5	30.9	14.1	45.0	82.4	-37.4	Peak	Vertical
	11565.5	30.4	19.5	49.9	74.0	-24.1	Peak	Vertical
	15875.0	28.5	20.4	48.9	74.0	-25.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6746.0	32.9	8.8	41.7	83.4	-41.7	Peak	Horizontal
*	8981.5	30.9	14.1	45.0	83.4	-38.4	Peak	Horizontal
	11506.0	30.5	19.4	49.9	74.0	-24.1	Peak	Horizontal
	15883.0	28.0	20.4	48.4	74.0	-25.6	Peak	Horizontal
*	6984.0	31.4	10.4	41.8	83.4	-41.6	Peak	Vertical
*	8803.0	30.0	14.0	44.0	83.4	-39.4	Peak	Vertical
	11455.0	29.7	19.2	48.9	74.0	-25.1	Peak	Vertical
	15790.0	28.6	20.4	49.0	74.0	-25.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6907.5	32.3	9.9	42.2	77.2	-35.0	Peak	Horizontal
*	8803.0	30.0	14.0	44.0	77.2	-33.2	Peak	Horizontal
	11565.5	29.6	19.5	49.1	74.0	-24.9	Peak	Horizontal
	15884.0	28.6	20.4	49.0	74.0	-25.0	Peak	Horizontal
*	6542.0	33.2	8.6	41.8	77.2	-35.4	Peak	Vertical
*	8973.0	30.9	14.1	45.0	77.2	-32.2	Peak	Vertical
	11633.5	29.7	19.4	49.1	74.0	-24.9	Peak	Vertical
	15824.0	28.5	20.4	48.9	74.0	-25.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (107.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6763.0	32.8	8.9	41.7	77.0	-35.3	Peak	Horizontal
*	8973.0	30.9	14.1	45.0	77.0	-32.0	Peak	Horizontal
	11353.0	30.0	19.0	49.0	74.0	-25.0	Peak	Horizontal
	15668.0	28.7	20.4	49.1	74.0	-24.9	Peak	Horizontal
*	6941.5	32.6	10.1	42.7	77.0	-34.3	Peak	Vertical
*	8735.0	30.0	13.9	43.9	77.0	-33.1	Peak	Vertical
	11565.5	29.4	19.5	48.9	74.0	-25.1	Peak	Vertical
	15934.5	30.0	20.3	50.3	74.0	-23.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (107.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6839.5	33.0	9.3	42.3	78.7	-36.4	Peak	Horizontal
*	8735.0	30.0	13.9	43.9	78.7	-34.8	Peak	Horizontal
	11659.0	29.5	19.3	48.8	74.0	-25.2	Peak	Horizontal
	15695.0	28.9	20.4	49.3	74.0	-24.7	Peak	Horizontal
*	6873.5	33.8	9.6	43.4	78.7	-35.3	Peak	Vertical
*	8794.5	30.3	13.9	44.2	78.7	-34.5	Peak	Vertical
	11072.5	29.4	18.6	48.0	74.0	-26.0	Peak	Vertical
	15883.5	29.5	20.4	49.9	74.0	-24.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (108.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 1	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6644.0	33.2	8.7	41.9	86.8	-44.9	Peak	Horizontal
*	8794.5	30.3	13.9	44.2	86.8	-42.6	Peak	Horizontal
	11676.0	30.3	19.2	49.5	74.0	-24.5	Peak	Horizontal
	15653.0	28.9	20.4	49.3	74.0	-24.7	Peak	Horizontal
*	6406.0	33.8	7.7	41.5	86.8	-45.3	Peak	Vertical
*	8658.5	29.9	13.6	43.5	86.8	-43.3	Peak	Vertical
	11531.5	29.1	19.4	48.5	74.0	-25.5	Peak	Vertical
	15552.0	30.9	20.6	51.5	74.0	-22.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.8dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6848.0	32.6	9.4	42.0	87.2	-45.2	Peak	Horizontal
*	8658.5	29.9	13.6	43.5	87.2	-43.7	Peak	Horizontal
	11446.5	30.3	19.2	49.5	74.0	-24.5	Peak	Horizontal
	15552.0	30.7	20.6	51.3	74.0	-22.7	Peak	Horizontal
*	6448.5	32.7	8.0	40.7	87.2	-46.5	Peak	Vertical
*	8709.5	30.3	13.8	44.1	87.2	-43.1	Peak	Vertical
	11132.0	29.4	18.6	48.0	74.0	-26.0	Peak	Vertical
	15934.5	29.5	20.3	49.8	74.0	-24.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 1	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6686.5	32.4	8.7	41.1	85.9	-44.8	Peak	Horizontal
*	8709.5	30.3	13.8	44.1	85.9	-41.8	Peak	Horizontal
	11999.0	30.5	18.7	49.2	74.0	-24.8	Peak	Horizontal
	15935.0	29.8	20.3	50.1	74.0	-23.9	Peak	Horizontal
*	6550.5	32.5	8.6	41.1	85.9	-44.8	Peak	Vertical
*	8718.0	30.5	13.8	44.3	85.9	-41.6	Peak	Vertical
	11047.0	29.8	18.5	48.3	74.0	-25.7	Peak	Vertical
	15951.5	30.1	20.3	50.4	74.0	-23.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 1	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6669.5	33.8	8.7	42.5	86.6	-44.1	Peak	Horizontal
*	8718.0	30.5	13.8	44.3	86.6	-42.3	Peak	Horizontal
	11565.5	30.2	19.5	49.7	74.0	-24.3	Peak	Horizontal
	15951.0	30.5	20.3	50.8	74.0	-23.2	Peak	Horizontal
*	6567.5	33.5	8.6	42.1	86.6	-44.5	Peak	Vertical
*	8811.5	30.5	14.0	44.5	86.6	-42.1	Peak	Vertical
	11497.5	30.0	19.3	49.3	74.0	-24.7	Peak	Vertical
	15934.5	29.9	20.3	50.2	74.0	-23.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.6dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6695.0	34.1	8.7	42.8	87.9	-45.1	Peak	Horizontal
*	8811.5	30.5	14.0	44.5	87.9	-43.4	Peak	Horizontal
	11497.5	30.0	19.3	49.3	74.0	-24.7	Peak	Horizontal
	15628.5	30.9	20.4	51.3	74.0	-22.7	Peak	Horizontal
*	6601.5	32.9	8.7	41.6	87.9	-46.3	Peak	Vertical
*	8939.0	29.9	14.0	43.9	87.9	-44.0	Peak	Vertical
	11030.0	30.4	18.5	48.9	74.0	-25.1	Peak	Vertical
	15560.5	29.4	20.6	50.0	74.0	-24.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 1	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6610.0	34.1	8.7	42.8	87.8	-45.0	Peak	Horizontal
*	8939.0	29.9	14.0	43.9	87.8	-43.9	Peak	Horizontal
	11667.5	30.7	19.3	50.0	74.0	-24.0	Peak	Horizontal
	15698.0	28.9	20.4	49.3	74.0	-24.7	Peak	Horizontal
*	6601.5	32.9	8.7	41.6	87.8	-46.2	Peak	Vertical
*	8684.0	30.7	13.7	44.4	87.8	-43.4	Peak	Vertical
	11625.0	30.1	19.4	49.5	74.0	-24.5	Peak	Vertical
	15994.0	28.7	20.4	49.1	74.0	-24.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.8dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6593.0	31.6	8.7	40.3	85.6	-45.3	Peak	Horizontal
*	8684.0	30.7	13.7	44.4	85.6	-41.2	Peak	Horizontal
	11548.5	30.1	19.4	49.5	74.0	-24.5	Peak	Horizontal
	15658.5	29.7	20.4	50.1	74.0	-23.9	Peak	Horizontal
*	6678.0	33.2	8.7	41.9	85.6	-43.7	Peak	Vertical
*	8667.0	30.8	13.6	44.4	85.6	-41.2	Peak	Vertical
	11625.0	30.1	19.4	49.5	74.0	-24.5	Peak	Vertical
	15560.5	28.8	20.6	49.4	74.0	-24.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (115.6dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6287.0	33.3	7.1	40.4	87.9	-47.5	Peak	Horizontal
*	8667.0	30.8	13.6	44.4	87.9	-43.5	Peak	Horizontal
	11472.0	29.5	19.3	48.8	74.0	-25.2	Peak	Horizontal
	15648.0	29.5	20.4	49.9	74.0	-24.1	Peak	Horizontal
*	6321.0	34.4	7.3	41.7	87.9	-46.2	Peak	Vertical
*	8888.0	29.5	14.0	43.5	87.9	-44.4	Peak	Vertical
	11506.0	29.2	19.4	48.6	74.0	-25.4	Peak	Vertical
	15705.0	28.9	20.5	49.4	74.0	-24.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6975.5	31.7	10.4	42.1	87.8	-45.7	Peak	Horizontal
*	8888.0	29.5	14.0	43.5	87.8	-44.3	Peak	Horizontal
	11642.0	29.9	19.4	49.3	74.0	-24.7	Peak	Horizontal
	15659.0	29.8	20.4	50.2	74.0	-23.8	Peak	Horizontal
*	6363.5	33.7	7.5	41.2	87.8	-46.6	Peak	Vertical
*	8973.0	29.6	14.1	43.7	87.8	-44.1	Peak	Vertical
	11387.0	29.6	19.1	48.7	74.0	-25.3	Peak	Vertical
	15654.0	29.9	20.4	50.3	74.0	-23.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.8dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6576.0	32.9	8.6	41.5	79.4	-37.9	Peak	Horizontal
*	8973.0	29.6	14.1	43.7	79.4	-35.7	Peak	Horizontal
	11548.5	29.8	19.4	49.2	74.0	-24.8	Peak	Horizontal
	15642.0	29.4	20.4	49.8	74.0	-24.2	Peak	Horizontal
*	6992.5	31.9	10.5	42.4	79.4	-37.0	Peak	Vertical
*	8718.0	31.0	13.8	44.8	79.4	-34.6	Peak	Vertical
	11582.5	30.0	19.5	49.5	74.0	-24.5	Peak	Vertical
	15892.0	28.9	20.4	49.3	74.0	-24.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (109.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6635.5	32.9	8.7	41.6	83.8	-42.2	Peak	Horizontal
*	8718.0	31.0	13.8	44.8	83.8	-39.0	Peak	Horizontal
	11667.5	29.6	19.3	48.9	74.0	-25.1	Peak	Horizontal
	15696.0	28.9	20.4	49.3	74.0	-24.7	Peak	Horizontal
*	6559.0	33.1	8.6	41.7	83.8	-42.1	Peak	Vertical
*	8930.5	30.5	14.0	44.5	83.8	-39.3	Peak	Vertical
	11616.5	30.8	19.4	50.2	74.0	-23.8	Peak	Vertical
	15900.5	29.8	20.4	50.2	74.0	-23.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.8dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6678.0	33.0	8.7	41.7	83.2	-41.5	Peak	Horizontal
*	8930.5	30.5	14.0	44.5	83.2	-38.7	Peak	Horizontal
	11565.5	30.4	19.5	49.9	74.0	-24.1	Peak	Horizontal
	15638.0	28.7	20.4	49.1	74.0	-24.9	Peak	Horizontal
*	6737.5	33.4	8.8	42.2	83.2	-41.0	Peak	Vertical
*	8769.0	30.0	13.9	43.9	83.2	-39.3	Peak	Vertical
	11038.5	29.5	18.5	48.0	74.0	-26.0	Peak	Vertical
	15951.5	29.7	20.3	50.0	74.0	-24.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6542.0	32.7	8.6	41.3	84.7	-43.4	Peak	Horizontal
*	8769.0	30.0	13.9	43.9	84.7	-40.8	Peak	Horizontal
	11455.0	29.8	19.2	49.0	74.0	-25.0	Peak	Horizontal
	15698.0	29.2	20.4	49.6	74.0	-24.4	Peak	Horizontal
*	6652.5	33.0	8.7	41.7	84.7	-43.0	Peak	Vertical
*	8769.0	29.7	13.9	43.6	84.7	-41.1	Peak	Vertical
	11251.0	28.8	18.8	47.6	74.0	-26.4	Peak	Vertical
	15730.5	29.5	20.5	50.0	74.0	-24.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6542.0	32.2	8.6	40.8	84.0	-43.2	Peak	Horizontal
*	8769.0	29.7	13.9	43.6	84.0	-40.4	Peak	Horizontal
	11480.5	29.9	19.3	49.2	74.0	-24.8	Peak	Horizontal
	15560.5	29.7	20.6	50.3	74.0	-23.7	Peak	Horizontal
*	6499.5	31.5	8.4	39.9	84.0	-44.1	Peak	Vertical
*	8735.0	31.0	13.9	44.9	84.0	-39.1	Peak	Vertical
	11633.5	29.2	19.4	48.6	74.0	-25.4	Peak	Vertical
	15735.0	29.4	20.5	49.9	74.0	-24.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6576.0	32.8	8.6	41.4	84.9	-43.5	Peak	Horizontal
*	8735.0	31.0	13.9	44.9	84.9	-40.0	Peak	Horizontal
	11455.0	30.2	19.2	49.4	74.0	-24.6	Peak	Horizontal
	15685.0	29.7	20.4	50.1	74.0	-23.9	Peak	Horizontal
*	6202.0	34.3	6.8	41.1	84.9	-43.8	Peak	Vertical
*	8777.5	29.6	13.9	43.5	84.9	-41.4	Peak	Vertical
	11217.0	28.8	18.8	47.6	74.0	-26.4	Peak	Vertical
	15739.0	29.2	20.4	49.6	74.0	-24.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6584.5	32.6	8.6	41.2	88.1	-46.9	Peak	Horizontal
*	8777.5	29.6	13.9	43.5	88.1	-44.6	Peak	Horizontal
	11565.5	29.8	19.5	49.3	74.0	-24.7	Peak	Horizontal
	15654.0	29.5	20.4	49.9	74.0	-24.1	Peak	Horizontal
*	6380.5	33.4	7.6	41.0	88.1	-47.1	Peak	Vertical
*	8735.0	29.5	13.9	43.4	88.1	-44.7	Peak	Vertical
	11667.5	30.2	19.3	49.5	74.0	-24.5	Peak	Vertical
	15526.5	28.5	20.6	49.1	74.0	-24.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (118.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6023.5	33.4	6.2	39.6	88.5	-48.9	Peak	Horizontal
*	8735.0	29.5	13.9	43.4	88.5	-45.1	Peak	Horizontal
	11608.0	29.4	19.4	48.8	74.0	-25.2	Peak	Horizontal
	15731.0	28.7	20.5	49.2	74.0	-24.8	Peak	Horizontal
*	6984.0	32.8	10.4	43.2	88.5	-45.3	Peak	Vertical
*	8726.5	30.1	13.8	43.9	88.5	-44.6	Peak	Vertical
	11497.5	29.9	19.3	49.2	74.0	-24.8	Peak	Vertical
	15722.0	28.3	20.5	48.8	74.0	-25.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (118.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6601.5	33.4	8.7	42.1	87.0	-44.9	Peak	Horizontal
*	8726.5	30.1	13.8	43.9	87.0	-43.1	Peak	Horizontal
	11149.0	30.6	18.7	49.3	74.0	-24.7	Peak	Horizontal
	15730.5	30.1	20.5	50.6	74.0	-23.4	Peak	Horizontal
*	6618.5	30.8	8.7	39.5	87.0	-47.5	Peak	Vertical
*	8905.0	30.1	14.0	44.1	87.0	-42.9	Peak	Vertical
	11557.0	29.8	19.5	49.3	74.0	-24.7	Peak	Vertical
	15892.0	30.3	20.4	50.7	74.0	-23.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6720.5	33.6	8.7	42.3	85.3	-43.0	Peak	Horizontal
*	8905.0	30.1	14.0	44.1	85.3	-41.2	Peak	Horizontal
	11540.0	30.0	19.4	49.4	74.0	-24.6	Peak	Horizontal
	15739.0	30.7	20.4	51.1	74.0	-22.9	Peak	Horizontal
*	6542.0	31.9	8.6	40.5	85.3	-44.8	Peak	Vertical
*	8573.5	31.2	13.3	44.5	85.3	-40.8	Peak	Vertical
	11650.5	29.3	19.3	48.6	74.0	-25.4	Peak	Vertical
	15884.0	30.2	20.5	50.7	74.0	-23.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6117.0	34.2	6.5	40.7	84.7	-44.0	Peak	Horizontal
*	8573.5	31.2	13.3	44.5	84.7	-40.2	Peak	Horizontal
	11395.5	29.1	19.1	48.2	74.0	-25.8	Peak	Horizontal
	15892.0	29.8	20.4	50.2	74.0	-23.8	Peak	Horizontal
*	6601.5	32.9	8.7	41.6	84.7	-43.1	Peak	Vertical
*	8964.5	30.2	14.1	44.3	84.7	-40.4	Peak	Vertical
	11990.5	30.1	18.7	48.8	74.0	-25.2	Peak	Vertical
	15750.0	29.3	20.4	49.7	74.0	-24.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6856.5	31.1	9.5	40.6	87.1	-46.5	Peak	Horizontal
*	8964.5	30.2	14.1	44.3	87.1	-42.8	Peak	Horizontal
	11642.0	30.5	19.4	49.9	74.0	-24.1	Peak	Horizontal
	15739.0	29.6	20.4	50.0	74.0	-24.0	Peak	Horizontal
*	6567.5	33.5	8.6	42.1	87.1	-45.0	Peak	Vertical
*	8905.0	30.3	14.0	44.3	87.1	-42.8	Peak	Vertical
	11667.5	30.4	19.3	49.7	74.0	-24.3	Peak	Vertical
	15722.0	29.4	20.5	49.9	74.0	-24.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6788.5	33.2	9.0	42.2	78.5	-36.3	Peak	Horizontal
*	8905.0	30.3	14.0	44.3	78.5	-34.2	Peak	Horizontal
	11327.5	28.1	18.9	47.0	74.0	-27.0	Peak	Horizontal
	15884.0	29.4	20.4	49.8	74.0	-24.2	Peak	Horizontal
*	6100.0	34.6	6.4	41.0	78.5	-37.5	Peak	Vertical
*	8709.5	29.5	13.8	43.3	78.5	-35.2	Peak	Vertical
	11480.5	29.5	19.3	48.8	74.0	-25.2	Peak	Vertical
	15926.0	29.3	20.4	49.7	74.0	-24.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (108.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6644.0	32.8	8.7	41.5	82.8	-41.3	Peak	Horizontal
*	8709.5	29.5	13.8	43.3	82.8	-39.5	Peak	Horizontal
	11514.5	29.1	19.4	48.5	74.0	-25.5	Peak	Horizontal
	15928.0	30.4	20.4	50.8	74.0	-23.2	Peak	Horizontal
*	6576.0	33.8	8.6	42.4	82.8	-40.4	Peak	Vertical
*	8743.5	29.6	13.9	43.5	82.8	-39.3	Peak	Vertical
	11353.0	29.3	19.0	48.3	74.0	-25.7	Peak	Vertical
	15849.5	30.1	20.4	50.5	74.0	-23.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.8dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6576.0	33.8	8.6	42.4	82.1	-39.7	Peak	Horizontal
*	8803.0	30.8	14.0	44.8	82.1	-37.3	Peak	Horizontal
	11565.5	30.0	19.5	49.5	74.0	-24.5	Peak	Horizontal
	15917.5	29.1	20.4	49.5	74.0	-24.5	Peak	Horizontal
*	6831.0	32.5	9.3	41.8	82.1	-40.3	Peak	Vertical
*	8735.0	29.7	13.9	43.6	82.1	-38.5	Peak	Vertical
	11327.5	29.1	18.9	48.0	74.0	-26.0	Peak	Vertical
	15917.5	29.0	20.4	49.4	74.0	-24.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6652.5	33.2	8.7	41.9	86.0	-44.1	Peak	Horizontal
*	8735.0	29.7	13.9	43.6	86.0	-42.4	Peak	Horizontal
	11557.0	29.5	19.5	49.0	74.0	-25.0	Peak	Horizontal
	15882.0	29.7	20.4	50.1	74.0	-23.9	Peak	Horizontal
*	6525.0	32.4	8.5	40.9	86.0	-45.1	Peak	Vertical
*	8701.0	30.4	13.8	44.2	86.0	-41.8	Peak	Vertical
	11914.0	29.8	18.6	48.4	74.0	-25.6	Peak	Vertical
	15977.0	29.9	20.4	50.3	74.0	-23.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6865.0	32.4	9.5	41.9	85.2	-43.3	Peak	Horizontal
*	8701.0	30.4	13.8	44.2	85.2	-41.0	Peak	Horizontal
	11574.0	30.1	19.5	49.6	74.0	-24.4	Peak	Horizontal
	15834.0	28.6	20.4	49.0	74.0	-25.0	Peak	Horizontal
*	6134.0	34.1	6.6	40.7	85.2	-44.5	Peak	Vertical
*	8692.5	31.0	13.7	44.7	85.2	-40.5	Peak	Vertical
	11353.0	29.3	19.0	48.3	74.0	-25.7	Peak	Vertical
	15790.0	28.3	20.4	48.7	74.0	-25.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6720.5	33.0	8.7	41.7	85.3	-43.6	Peak	Horizontal
*	8692.5	31.0	13.7	44.7	85.3	-40.6	Peak	Horizontal
	11497.5	28.4	19.3	47.7	74.0	-26.3	Peak	Horizontal
	15730.0	29.8	20.5	50.3	74.0	-23.7	Peak	Horizontal
*	6329.5	32.5	7.3	39.8	85.3	-45.5	Peak	Vertical
*	8794.5	30.6	13.9	44.5	85.3	-40.8	Peak	Vertical
	11310.5	28.5	18.9	47.4	74.0	-26.6	Peak	Vertical
	15747.5	30.4	20.4	50.8	74.0	-23.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6763.0	32.8	8.9	41.7	82.8	-41.1	Peak	Horizontal
*	8794.5	30.6	13.9	44.5	82.8	-38.3	Peak	Horizontal
	11514.5	29.7	19.4	49.1	74.0	-24.9	Peak	Horizontal
	15884.0	29.5	20.3	49.8	74.0	-24.2	Peak	Horizontal
*	6312.5	35.2	7.2	42.4	82.8	-40.4	Peak	Vertical
*	8599.0	30.5	13.4	43.9	82.8	-38.9	Peak	Vertical
	11599.5	30.1	19.4	49.5	74.0	-24.5	Peak	Vertical
	15951.5	29.8	20.3	50.1	74.0	-23.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.8dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6440.0	33.3	8.0	41.3	82.4	-41.1	Peak	Horizontal
*	8599.0	30.5	13.4	43.9	82.4	-38.5	Peak	Horizontal
	11208.5	29.9	18.8	48.7	74.0	-25.3	Peak	Horizontal
	15953.0	30.0	20.3	50.3	74.0	-23.7	Peak	Horizontal
*	6406.0	33.1	7.7	40.8	82.4	-41.6	Peak	Vertical
*	8743.5	31.5	13.9	45.4	82.4	-37.0	Peak	Vertical
	11540.0	28.8	19.4	48.2	74.0	-25.8	Peak	Vertical
	16019.5	28.3	20.4	48.7	74.0	-25.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6601.5	33.1	8.7	41.8	84.0	-42.2	Peak	Horizontal
*	8743.5	31.5	13.9	45.4	84.0	-38.6	Peak	Horizontal
	11582.5	29.5	19.5	49.0	74.0	-25.0	Peak	Horizontal
	16002.5	29.7	20.4	50.1	74.0	-23.9	Peak	Horizontal
*	6066.0	33.9	6.3	40.2	84.0	-43.8	Peak	Vertical
*	8743.5	30.5	13.9	44.4	84.0	-39.6	Peak	Vertical
	11327.5	28.2	18.9	47.1	74.0	-26.9	Peak	Vertical
	15858.0	28.3	20.4	48.7	74.0	-25.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6006.5	33.5	6.1	39.6	82.0	-42.4	Peak	Horizontal
*	8743.5	30.5	13.9	44.4	82.0	-37.6	Peak	Horizontal
	11625.0	30.3	19.4	49.7	74.0	-24.3	Peak	Horizontal
	15730.0	29.2	20.5	49.7	74.0	-24.3	Peak	Horizontal
*	6593.0	32.9	8.7	41.6	82.0	-40.4	Peak	Vertical
*	8709.5	29.7	13.8	43.5	82.0	-38.5	Peak	Vertical
	11081.0	27.8	18.6	46.4	74.0	-27.6	Peak	Vertical
	15892.0	29.5	20.4	49.9	74.0	-24.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6984.0	30.6	10.4	41.0	82.2	-41.2	Peak	Horizontal
*	8709.5	29.7	13.8	43.5	82.2	-38.7	Peak	Horizontal
	11353.0	29.3	19.0	48.3	74.0	-25.7	Peak	Horizontal
	15643.0	29.4	20.4	49.8	74.0	-24.2	Peak	Horizontal
*	6686.5	33.1	8.7	41.8	82.2	-40.4	Peak	Vertical
*	8743.5	29.3	13.9	43.2	82.2	-39.0	Peak	Vertical
	11506.0	28.9	19.4	48.3	74.0	-25.7	Peak	Vertical
	15875.0	28.5	20.4	48.9	74.0	-25.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6644.0	33.3	8.7	42.0	83.7	-41.7	Peak	Horizontal
*	8743.5	29.3	13.9	43.2	83.7	-40.5	Peak	Horizontal
	11684.5	28.4	19.2	47.6	74.0	-26.4	Peak	Horizontal
	15643.0	29.2	20.4	49.6	74.0	-24.4	Peak	Horizontal
*	6899.0	32.6	9.8	42.4	83.7	-41.3	Peak	Vertical
*	8871.0	29.7	14.0	43.7	83.7	-40.0	Peak	Vertical
	11540.0	29.4	19.4	48.8	74.0	-25.2	Peak	Vertical
	15900.5	30.4	20.4	50.8	74.0	-23.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 3	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6329.5	32.4	7.3	39.7	77.5	-37.8	Peak	Horizontal
*	8871.0	29.7	14.0	43.7	77.5	-33.8	Peak	Horizontal
	11106.5	30.4	18.6	49.0	74.0	-25.0	Peak	Horizontal
	15882.0	29.6	20.4	50.0	74.0	-24.0	Peak	Horizontal
*	6304.0	34.9	7.2	42.1	77.5	-35.4	Peak	Vertical
*	8981.5	30.1	14.1	44.2	77.5	-33.3	Peak	Vertical
	11633.5	29.9	19.4	49.3	74.0	-24.7	Peak	Vertical
	15900.5	30.0	20.4	50.4	74.0	-23.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (107.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6950.0	32.3	10.2	42.5	77.6	-35.1	Peak	Horizontal
*	8981.5	30.1	14.1	44.2	77.6	-33.4	Peak	Horizontal
	11625.0	29.8	19.4	49.2	74.0	-24.8	Peak	Horizontal
	15730.0	29.4	20.5	49.9	74.0	-24.1	Peak	Horizontal
*	6652.5	32.4	8.7	41.1	77.6	-36.5	Peak	Vertical
*	8888.0	29.7	14.0	43.7	77.6	-33.9	Peak	Vertical
	11081.0	29.5	18.6	48.1	74.0	-25.9	Peak	Vertical
	15713.5	29.8	20.5	50.3	74.0	-23.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (107.6dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 3	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6066.0	33.9	6.3	40.2	78.5	-38.3	Peak	Horizontal
*	8888.0	29.7	14.0	43.7	78.5	-34.8	Peak	Horizontal
	11599.5	29.5	19.4	48.9	74.0	-25.1	Peak	Horizontal
	15798.5	29.6	20.4	50.0	74.0	-24.0	Peak	Horizontal
*	6372.0	33.5	7.5	41.0	78.5	-37.5	Peak	Vertical
*	8981.5	30.0	14.1	44.1	78.5	-34.4	Peak	Vertical
	11268.0	30.1	18.8	48.9	74.0	-25.1	Peak	Vertical
	15798.5	29.4	20.4	49.8	74.0	-24.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (108.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6049.0	33.3	6.2	39.5	82.9	-43.4	Peak	Horizontal
*	8981.5	30.0	14.1	44.1	82.9	-38.8	Peak	Horizontal
	11506.0	30.0	19.4	49.4	74.0	-24.6	Peak	Horizontal
	15730.0	29.8	20.5	50.3	74.0	-23.7	Peak	Horizontal
*	6814.0	32.3	9.1	41.4	82.9	-41.5	Peak	Vertical
*	8752.0	29.9	13.9	43.8	82.9	-39.1	Peak	Vertical
	11956.5	29.3	18.6	47.9	74.0	-26.1	Peak	Vertical
	15648.0	30.0	20.4	50.4	74.0	-23.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6950.0	31.1	10.2	41.3	88.8	-47.5	Peak	Horizontal
*	8752.0	29.9	13.9	43.8	88.8	-45.0	Peak	Horizontal
	11565.5	29.7	19.5	49.2	74.0	-24.8	Peak	Horizontal
	15611.5	29.8	20.4	50.2	74.0	-23.8	Peak	Horizontal
*	6270.0	33.7	7.1	40.8	88.8	-48.0	Peak	Vertical
*	8667.0	30.4	13.6	44.0	88.8	-44.8	Peak	Vertical
	11497.5	29.9	19.3	49.2	74.0	-24.8	Peak	Vertical
	15633.0	29.5	20.4	49.9	74.0	-24.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (118.8dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6584.5	32.0	8.6	40.6	91.5	-50.9	Peak	Horizontal
*	8667.0	30.4	13.6	44.0	91.5	-47.5	Peak	Horizontal
	11047.0	30.5	18.5	49.0	74.0	-25.0	Peak	Horizontal
	15730.0	30.7	20.5	51.2	74.0	-22.8	Peak	Horizontal
*	6329.5	31.4	7.3	38.7	91.5	-52.8	Peak	Vertical
*	8726.5	30.3	13.8	44.1	91.5	-47.4	Peak	Vertical
	11395.5	28.9	19.1	48.0	74.0	-26.0	Peak	Vertical
	15951.5	30.4	20.3	50.7	74.0	-23.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (121.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6831.0	32.7	9.3	42.0	88.7	-46.7	Peak	Horizontal
*	8726.5	30.3	13.8	44.1	88.7	-44.6	Peak	Horizontal
	11548.5	29.7	19.4	49.1	74.0	-24.9	Peak	Horizontal
	15692.0	29.7	20.4	50.1	74.0	-23.9	Peak	Horizontal
*	6074.5	35.6	6.3	41.9	88.7	-46.8	Peak	Vertical
*	8964.5	30.0	14.1	44.1	88.7	-44.6	Peak	Vertical
	11208.5	28.8	18.8	47.6	74.0	-26.4	Peak	Vertical
	15501.0	29.9	20.6	50.5	74.0	-23.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (118.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6576.0	33.0	8.6	41.6	89.2	-47.6	Peak	Horizontal
*	8964.5	30.0	14.1	44.1	89.2	-45.1	Peak	Horizontal
	11599.5	29.8	19.4	49.2	74.0	-24.8	Peak	Horizontal
	15732.0	30.2	20.5	50.7	74.0	-23.3	Peak	Horizontal
*	6601.5	33.1	8.7	41.8	89.2	-47.4	Peak	Vertical
*	8658.5	28.1	13.6	41.7	89.2	-47.5	Peak	Vertical
	11633.5	29.9	19.4	49.3	74.0	-24.7	Peak	Vertical
	15594.5	29.7	20.5	50.2	74.0	-23.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (119.2dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6975.5	32.1	10.4	42.5	89.0	-46.5	Peak	Horizontal
*	8658.5	28.1	13.6	41.7	89.0	-47.3	Peak	Horizontal
	11616.5	29.5	19.4	48.9	74.0	-25.1	Peak	Horizontal
	15843.0	30.4	20.4	50.8	74.0	-23.2	Peak	Horizontal
*	6567.5	32.8	8.6	41.4	89.0	-47.6	Peak	Vertical
*	8667.0	29.7	13.6	43.3	89.0	-45.7	Peak	Vertical
	11523.0	29.6	19.4	49.0	74.0	-25.0	Peak	Vertical
	15535.0	29.9	20.6	50.5	74.0	-23.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (119.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6482.5	32.7	8.3	41.0	87.1	-46.1	Peak	Horizontal
*	8667.0	29.7	13.6	43.3	87.1	-43.8	Peak	Horizontal
	11650.5	29.7	19.3	49.0	74.0	-25.0	Peak	Horizontal
	15882.0	30.1	20.4	50.5	74.0	-23.5	Peak	Horizontal
*	6100.0	33.1	6.4	39.5	87.1	-47.6	Peak	Vertical
*	8633.0	30.1	13.5	43.6	87.1	-43.5	Peak	Vertical
	11166.0	30.0	18.7	48.7	74.0	-25.3	Peak	Vertical
	15849.5	29.7	20.4	50.1	74.0	-23.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6763.0	32.8	8.9	41.7	86.9	-45.2	Peak	Horizontal
*	8633.0	30.1	13.5	43.6	86.9	-43.3	Peak	Horizontal
	11412.5	29.8	19.1	48.9	74.0	-25.1	Peak	Horizontal
	15542.0	29.3	20.6	49.9	74.0	-24.1	Peak	Horizontal
*	6321.0	33.3	7.3	40.6	86.9	-46.3	Peak	Vertical
*	8735.0	30.6	13.9	44.5	86.9	-42.4	Peak	Vertical
	11098.0	30.7	18.6	49.3	74.0	-24.7	Peak	Vertical
	15569.0	29.0	20.6	49.6	74.0	-24.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.9dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6304.0	33.9	7.2	41.1	88.1	-47.0	Peak	Horizontal
*	8735.0	30.6	13.9	44.5	88.1	-43.6	Peak	Horizontal
	11633.5	30.2	19.4	49.6	74.0	-24.4	Peak	Horizontal
	15569.0	29.8	20.6	50.4	74.0	-23.6	Peak	Horizontal
*	6329.5	33.1	7.3	40.4	88.1	-47.7	Peak	Vertical
*	8607.5	30.8	13.5	44.3	88.1	-43.8	Peak	Vertical
	11557.0	29.6	19.5	49.1	74.0	-24.9	Peak	Vertical
	15586.0	29.5	20.5	50.0	74.0	-24.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (118.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6669.5	33.1	8.7	41.8	82.5	-40.7	Peak	Horizontal
*	8607.5	30.8	13.5	44.3	82.5	-38.2	Peak	Horizontal
	11123.5	28.6	18.6	47.2	74.0	-26.8	Peak	Horizontal
	15841.0	29.7	20.4	50.1	74.0	-23.9	Peak	Horizontal
*	6763.0	32.9	8.9	41.8	82.5	-40.7	Peak	Vertical
*	8675.5	30.3	13.7	44.0	82.5	-38.5	Peak	Vertical
	11514.5	29.7	19.4	49.1	74.0	-24.9	Peak	Vertical
	15730.0	28.9	20.5	49.4	74.0	-24.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.5dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6678.0	32.6	8.7	41.3	81.6	-40.3	Peak	Horizontal
*	8675.5	30.3	13.7	44.0	81.6	-37.6	Peak	Horizontal
	11497.5	29.7	19.3	49.0	74.0	-25.0	Peak	Horizontal
	15722.0	29.5	20.5	50.0	74.0	-24.0	Peak	Horizontal
*	6533.5	32.5	8.5	41.0	81.6	-40.6	Peak	Vertical
*	8794.5	30.3	13.9	44.2	81.6	-37.4	Peak	Vertical
	11565.5	30.0	19.5	49.5	74.0	-24.5	Peak	Vertical
	15730.0	29.3	20.5	49.8	74.0	-24.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (111.6dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	FPMI2458-DP2RPSMA		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	6414.5	34.0	7.8	41.8	84.3	-42.5	Peak	Horizontal
*	8794.5	30.3	13.9	44.2	84.3	-40.1	Peak	Horizontal
	11531.5	27.9	19.4	47.3	74.0	-26.7	Peak	Horizontal
	15713.5	29.8	20.5	50.3	74.0	-23.7	Peak	Horizontal
*	6312.5	34.9	7.2	42.1	84.3	-42.2	Peak	Vertical
*	8675.5	30.3	13.7	44.0	84.3	-40.3	Peak	Vertical
	11531.5	29.1	19.4	48.5	74.0	-25.5	Peak	Vertical
	15735.0	29.4	20.5	49.9	74.0	-24.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3754.0	35.9	0.2	36.1	74.0	-37.9	Peak	Horizontal
	4876.0	34.3	3.7	38.0	74.0	-36.0	Peak	Horizontal
*	6448.5	34.2	8.0	42.2	82.1	-39.9	Peak	Horizontal
*	9763.5	30.9	14.9	45.8	82.1	-36.3	Peak	Horizontal
	3796.5	35.9	0.2	36.1	74.0	-37.9	Peak	Vertical
	4799.5	34.1	3.7	37.8	74.0	-36.2	Peak	Vertical
*	6576.0	32.7	8.6	41.3	82.1	-40.8	Peak	Vertical
*	9857.0	29.2	16.2	45.4	82.1	-36.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (112.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3796.5	35.5	0.2	35.7	74.0	-38.3	Peak	Horizontal
	4876.0	34.4	3.7	38.1	74.0	-35.9	Peak	Horizontal
*	6533.5	33.2	8.5	41.7	82.2	-40.5	Peak	Horizontal
*	9763.5	31.1	14.9	46.0	82.2	-36.2	Peak	Horizontal
	3839.0	35.8	0.3	36.1	74.0	-37.9	Peak	Vertical
	4782.5	34.1	3.7	37.8	74.0	-36.2	Peak	Vertical
*	6423.0	33.0	7.8	40.8	82.2	-41.4	Peak	Vertical
*	9823.0	30.8	15.6	46.4	82.2	-35.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3779.5	35.6	0.2	35.8	74.0	-38.2	Peak	Horizontal
	5003.5	34.6	3.8	38.4	74.0	-35.6	Peak	Horizontal
*	6550.5	33.8	8.6	42.4	83.6	-41.2	Peak	Horizontal
*	9848.5	29.7	16.1	45.8	83.6	-37.8	Peak	Horizontal
	3924.0	35.6	0.3	35.9	74.0	-38.1	Peak	Vertical
	4867.5	35.0	3.7	38.7	74.0	-35.3	Peak	Vertical
*	6525.0	32.8	8.5	41.3	83.6	-42.3	Peak	Vertical
*	9925.0	30.2	15.3	45.5	83.6	-38.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (113.6dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3847.5	35.3	0.3	35.6	74.0	-38.4	Peak	Horizontal
	4876.0	31.9	3.7	35.6	74.0	-38.4	Peak	Horizontal
*	6457.0	32.8	8.1	40.9	86.7	-45.8	Peak	Horizontal
*	9857.0	29.9	16.2	46.1	86.7	-40.6	Peak	Horizontal
	3796.5	34.6	0.2	34.8	74.0	-39.2	Peak	Vertical
	4782.5	33.8	3.7	37.5	74.0	-36.5	Peak	Vertical
*	6550.5	32.5	8.6	41.1	86.7	-45.6	Peak	Vertical
*	10163.0	30.4	16.0	46.4	86.7	-40.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3907.0	35.4	0.3	35.7	74.0	-38.3	Peak	Horizontal
	4774.0	34.4	3.7	38.1	74.0	-35.9	Peak	Horizontal
*	6576.0	32.8	8.6	41.4	87.1	-45.7	Peak	Horizontal
*	10052.5	30.6	15.5	46.1	87.1	-41.0	Peak	Horizontal
	3958.0	35.7	0.3	36.0	74.0	-38.0	Peak	Vertical
	5003.5	34.3	3.8	38.1	74.0	-35.9	Peak	Vertical
*	7026.5	31.7	10.8	42.5	87.1	-44.6	Peak	Vertical
*	10035.5	30.0	15.5	45.5	87.1	-41.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3958.0	35.9	0.3	36.2	74.0	-37.8	Peak	Horizontal
	4799.5	33.8	3.7	37.5	74.0	-36.5	Peak	Horizontal
*	6508.0	32.9	8.4	41.3	87.6	-46.3	Peak	Horizontal
*	9755.0	31.1	14.8	45.9	87.6	-41.7	Peak	Horizontal
	3864.5	34.0	0.3	34.3	74.0	-39.7	Peak	Vertical
	4961.0	33.6	3.7	37.3	74.0	-36.7	Peak	Vertical
*	6499.5	32.3	8.4	40.7	87.6	-46.9	Peak	Vertical
*	9780.5	30.5	14.9	45.4	87.6	-42.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.6dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3830.5	34.6	0.3	34.9	74.0	-39.1	Peak	Horizontal
	4765.5	33.4	3.7	37.1	74.0	-36.9	Peak	Horizontal
*	6593.0	32.4	8.7	41.1	85.4	-44.3	Peak	Horizontal
*	9891.0	29.7	15.5	45.2	85.4	-40.2	Peak	Horizontal
	3822.0	35.5	0.3	35.8	74.0	-38.2	Peak	Vertical
	4825.0	33.1	3.7	36.8	74.0	-37.2	Peak	Vertical
*	6797.0	32.1	9.0	41.1	85.4	-44.3	Peak	Vertical
*	9874.0	28.8	15.8	44.6	85.4	-40.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (115.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3737.0	35.3	0.2	35.5	74.0	-38.5	Peak	Horizontal
	4808.0	33.2	3.7	36.9	74.0	-37.1	Peak	Horizontal
*	6482.5	32.0	8.3	40.3	85.5	-45.2	Peak	Horizontal
*	9950.5	29.7	15.3	45.0	85.5	-40.5	Peak	Horizontal
	3822.0	34.4	0.3	34.7	74.0	-39.3	Peak	Vertical
	4740.0	33.2	3.6	36.8	74.0	-37.2	Peak	Vertical
*	6533.5	32.1	8.5	40.6	85.5	-44.9	Peak	Vertical
*	9763.5	30.1	14.9	45.0	85.5	-40.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3966.5	36.8	0.4	37.2	74.0	-36.8	Peak	Horizontal
	4799.5	33.1	3.7	36.8	74.0	-37.2	Peak	Horizontal
*	6508.0	32.4	8.4	40.8	85.9	-45.1	Peak	Horizontal
*	9976.0	30.0	15.3	45.3	85.9	-40.6	Peak	Horizontal
	3813.5	36.0	0.3	36.3	74.0	-37.7	Peak	Vertical
	4774.0	33.3	3.7	37.0	74.0	-37.0	Peak	Vertical
*	6822.5	32.6	9.2	41.8	85.9	-44.1	Peak	Vertical
*	9857.0	26.9	16.2	43.1	85.9	-42.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3941.0	35.3	0.3	35.6	74.0	-38.4	Peak	Horizontal
	4791.0	33.7	3.7	37.4	74.0	-36.6	Peak	Horizontal
*	6533.5	32.2	8.5	40.7	79.7	-39.0	Peak	Horizontal
*	9942.0	28.4	15.3	43.7	79.7	-36.0	Peak	Horizontal
	3966.5	35.3	0.4	35.7	74.0	-38.3	Peak	Vertical
	4833.5	33.9	3.7	37.6	74.0	-36.4	Peak	Vertical
*	6440.0	32.6	8.0	40.6	79.7	-39.1	Peak	Vertical
*	9780.5	30.1	14.9	45.0	79.7	-34.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (109.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3898.5	35.0	0.3	35.3	74.0	-38.7	Peak	Horizontal
	4723.0	33.6	3.6	37.2	74.0	-36.8	Peak	Horizontal
*	6550.5	31.3	8.6	39.9	83.2	-43.3	Peak	Horizontal
*	10171.5	29.5	16.1	45.6	83.2	-37.6	Peak	Horizontal
	3958.0	35.1	0.3	35.4	74.0	-38.6	Peak	Vertical
	4791.0	33.4	3.7	37.1	74.0	-36.9	Peak	Vertical
*	6491.0	33.1	8.3	41.4	83.2	-41.8	Peak	Vertical
*	9959.0	30.2	15.3	45.5	83.2	-37.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3898.5	34.3	0.3	34.6	74.0	-39.4	Peak	Horizontal
	4961.0	33.4	3.7	37.1	74.0	-36.9	Peak	Horizontal
*	6831.0	31.7	9.3	41.0	83.3	-42.3	Peak	Horizontal
*	10180.0	29.4	16.1	45.5	83.3	-37.8	Peak	Horizontal
	3907.0	34.9	0.3	35.2	74.0	-38.8	Peak	Vertical
	4859.0	31.9	3.7	35.6	74.0	-38.4	Peak	Vertical
*	6406.0	32.0	7.7	39.7	83.3	-43.6	Peak	Vertical
*	9763.5	30.8	14.9	45.7	83.3	-37.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 1	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3890.0	35.6	0.3	35.9	74.0	-38.1	Peak	Horizontal
	4816.5	33.4	3.7	37.1	74.0	-36.9	Peak	Horizontal
*	6542.0	32.7	8.6	41.3	82.1	-40.8	Peak	Horizontal
*	10154.5	31.4	16.0	47.4	82.1	-34.7	Peak	Horizontal
	3822.0	35.8	0.3	36.1	74.0	-37.9	Peak	Vertical
	4969.5	33.1	3.7	36.8	74.0	-37.2	Peak	Vertical
*	6499.5	31.9	8.4	40.3	82.1	-41.8	Peak	Vertical
*	9823.0	29.3	15.6	44.9	82.1	-37.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3737.0	36.7	0.2	36.9	74.0	-37.1	Peak	Horizontal
	4757.0	34.2	3.7	37.9	74.0	-36.1	Peak	Horizontal
*	6550.5	32.4	8.6	41.0	82.1	-41.1	Peak	Horizontal
*	10137.5	29.6	15.9	45.5	82.1	-36.6	Peak	Horizontal
	3856.0	35.1	0.3	35.4	74.0	-38.6	Peak	Vertical
	4961.0	33.8	3.7	37.5	74.0	-36.5	Peak	Vertical
*	6474.0	32.1	8.2	40.3	82.1	-41.8	Peak	Vertical
*	9967.5	30.1	15.3	45.4	82.1	-36.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 1	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3907.0	34.4	0.3	34.7	74.0	-39.3	Peak	Horizontal
	4808.0	33.5	3.7	37.2	74.0	-36.8	Peak	Horizontal
*	6533.5	31.9	8.5	40.4	82.3	-41.9	Peak	Horizontal
*	9967.5	30.1	15.3	45.4	82.3	-36.9	Peak	Horizontal
	3873.0	35.3	0.3	35.6	74.0	-38.4	Peak	Vertical
	4748.5	33.9	3.7	37.6	74.0	-36.4	Peak	Vertical
*	6440.0	34.0	8.0	42.0	82.3	-40.3	Peak	Vertical
*	9848.5	29.1	16.1	45.2	82.3	-37.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (112.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 1	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3898.5	35.0	0.3	35.3	74.0	-38.7	Peak	Horizontal
	4799.5	33.6	3.7	37.3	74.0	-36.7	Peak	Horizontal
*	6576.0	32.5	8.6	41.1	86.5	-45.4	Peak	Horizontal
*	9840.0	29.3	16.0	45.3	86.5	-41.2	Peak	Horizontal
	3890.0	35.1	0.3	35.4	74.0	-38.6	Peak	Vertical
	4910.0	33.2	3.7	36.9	74.0	-37.1	Peak	Vertical
*	6916.0	31.2	9.9	41.1	86.5	-45.4	Peak	Vertical
*	9746.5	30.3	14.8	45.1	86.5	-41.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3898.5	34.9	0.3	35.2	74.0	-38.8	Peak	Horizontal
	4791.0	33.1	3.7	36.8	74.0	-37.2	Peak	Horizontal
*	6559.0	31.6	8.6	40.2	86.5	-46.3	Peak	Horizontal
*	9848.5	29.3	16.1	45.4	86.5	-41.1	Peak	Horizontal
	3966.5	34.6	0.4	35.0	74.0	-39.0	Peak	Vertical
	4757.0	33.2	3.7	36.9	74.0	-37.1	Peak	Vertical
*	6601.5	32.5	8.7	41.2	86.5	-45.3	Peak	Vertical
*	10154.5	30.1	16.0	46.1	86.5	-40.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 1	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3856.0	35.8	0.3	36.1	74.0	-37.9	Peak	Horizontal
	4927.0	33.8	3.7	37.5	74.0	-36.5	Peak	Horizontal
*	6559.0	32.3	8.6	40.9	85.3	-44.4	Peak	Horizontal
*	9984.5	30.9	15.4	46.3	85.3	-39.0	Peak	Horizontal
	3788.0	35.4	0.2	35.6	74.0	-38.4	Peak	Vertical
	4910.0	32.8	3.7	36.5	74.0	-37.5	Peak	Vertical
*	6533.5	31.8	8.5	40.3	85.3	-45.0	Peak	Vertical
*	10027.0	30.6	15.4	46.0	85.3	-39.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3890.0	34.9	0.3	35.2	74.0	-38.8	Peak	Horizontal
	4757.0	34.5	3.7	38.2	74.0	-35.8	Peak	Horizontal
*	6465.5	32.6	8.1	40.7	85.6	-44.9	Peak	Horizontal
*	9857.0	28.7	16.2	44.9	85.6	-40.7	Peak	Horizontal
	3864.5	35.1	0.3	35.4	74.0	-38.6	Peak	Vertical
	4893.0	32.9	3.7	36.6	74.0	-37.4	Peak	Vertical
*	6797.0	32.1	9.0	41.1	85.6	-44.5	Peak	Vertical
*	9814.5	27.8	15.4	43.2	85.6	-42.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.6dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	3924.0	35.0	0.3	35.3	74.0	-38.7	Peak	Horizontal
	4876.0	33.7	3.7	37.4	74.0	-36.6	Peak	Horizontal
*	6482.5	33.1	8.3	41.4	85.8	-44.4	Peak	Horizontal
*	10571.0	30.6	17.3	47.9	85.8	-37.9	Peak	Horizontal
	3873.0	35.1	0.3	35.4	74.0	-38.6	Peak	Vertical
	4952.5	33.1	3.7	36.8	74.0	-37.2	Peak	Vertical
*	6542.0	32.1	8.6	40.7	85.8	-45.1	Peak	Vertical
*	9874.0	28.9	15.8	44.7	85.8	-41.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (115.8dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3932.5	35.4	0.3	35.7	74.0	-38.3	Peak	Horizontal
	4961.0	33.1	3.7	36.8	74.0	-37.2	Peak	Horizontal
*	6499.5	31.5	8.4	39.9	84.8	-44.9	Peak	Horizontal
*	9882.5	29.2	15.6	44.8	84.8	-40.0	Peak	Horizontal
	3966.5	34.9	0.4	35.3	74.0	-38.7	Peak	Vertical
	4706.0	33.8	3.6	37.4	74.0	-36.6	Peak	Vertical
*	6712.0	32.3	8.7	41.0	84.8	-43.8	Peak	Vertical
*	10341.5	29.4	16.7	46.1	84.8	-38.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.8dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3830.5	35.0	0.3	35.3	74.0	-38.7	Peak	Horizontal
	4816.5	33.1	3.7	36.8	74.0	-37.2	Peak	Horizontal
*	6542.0	31.6	8.6	40.2	80.3	-40.1	Peak	Horizontal
*	9789.0	29.4	15.0	44.4	80.3	-35.9	Peak	Horizontal
	3805.0	35.2	0.2	35.4	74.0	-38.6	Peak	Vertical
	4978.0	34.2	3.8	38.0	74.0	-36.0	Peak	Vertical
*	6550.5	32.2	8.6	40.8	80.3	-39.5	Peak	Vertical
*	9925.0	29.9	15.3	45.2	80.3	-35.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (110.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3873.0	34.5	0.3	34.8	74.0	-39.2	Peak	Horizontal
	4918.5	33.9	3.7	37.6	74.0	-36.4	Peak	Horizontal
*	6431.5	32.0	7.9	39.9	87.3	-47.4	Peak	Horizontal
*	9831.5	29.0	15.9	44.9	87.3	-42.4	Peak	Horizontal
	3788.0	35.6	0.2	35.8	74.0	-38.2	Peak	Vertical
	4986.5	33.9	3.8	37.7	74.0	-36.3	Peak	Vertical
*	6499.5	32.5	8.4	40.9	87.3	-46.4	Peak	Vertical
*	9908.0	29.6	15.3	44.9	87.3	-42.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3822.0	35.5	0.3	35.8	74.0	-38.2	Peak	Horizontal
	4808.0	34.4	3.7	38.1	74.0	-35.9	Peak	Horizontal
*	6584.5	32.4	8.6	41.0	82.2	-41.2	Peak	Horizontal
*	9865.5	28.9	16.0	44.9	82.2	-37.3	Peak	Horizontal
	3677.5	35.9	0.1	36.0	74.0	-38.0	Peak	Vertical
	4714.5	33.2	3.6	36.8	74.0	-37.2	Peak	Vertical
*	6482.5	32.3	8.3	40.6	82.2	-41.6	Peak	Vertical
*	10035.5	29.1	15.5	44.6	82.2	-37.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (112.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3830.5	35.5	0.3	35.8	74.0	-38.2	Peak	Horizontal
	4910.0	34.3	3.7	38.0	74.0	-36.0	Peak	Horizontal
*	6448.5	32.6	8.0	40.6	83.7	-43.1	Peak	Horizontal
*	9746.5	30.1	14.8	44.9	83.7	-38.8	Peak	Horizontal
	3813.5	34.0	0.3	34.3	74.0	-39.7	Peak	Vertical
	4808.0	32.8	3.7	36.5	74.0	-37.5	Peak	Vertical
*	6482.5	32.5	8.3	40.8	83.7	-42.9	Peak	Vertical
*	9925.0	29.0	15.3	44.3	83.7	-39.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (113.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3847.5	34.9	0.3	35.2	74.0	-38.8	Peak	Horizontal
	4791.0	33.3	3.7	37.0	74.0	-37.0	Peak	Horizontal
*	6533.5	31.7	8.5	40.2	83.8	-43.6	Peak	Horizontal
*	10231.0	29.7	16.4	46.1	83.8	-37.7	Peak	Horizontal
	3958.0	35.9	0.3	36.2	74.0	-37.8	Peak	Vertical
	4706.0	33.7	3.6	37.3	74.0	-36.7	Peak	Vertical
*	6618.5	31.3	8.7	40.0	83.8	-43.8	Peak	Vertical
*	9976.0	28.9	15.3	44.2	83.8	-39.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.8dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3796.5	34.7	0.2	34.9	74.0	-39.1	Peak	Horizontal
	4816.5	33.1	3.7	36.8	74.0	-37.2	Peak	Horizontal
*	6856.5	32.4	9.5	41.9	83.4	-41.5	Peak	Horizontal
*	9993.0	29.2	15.4	44.6	83.4	-38.8	Peak	Horizontal
	3881.5	34.5	0.3	34.8	74.0	-39.2	Peak	Vertical
	4944.0	34.1	3.7	37.8	74.0	-36.2	Peak	Vertical
*	6635.5	32.5	8.7	41.2	83.4	-42.2	Peak	Vertical
*	10044.0	29.5	15.5	45.0	83.4	-38.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3694.5	36.3	0.1	36.4	74.0	-37.6	Peak	Horizontal
	4969.5	34.3	3.7	38.0	74.0	-36.0	Peak	Horizontal
*	6797.0	31.5	9.0	40.5	85.4	-44.9	Peak	Horizontal
*	9899.5	29.3	15.4	44.7	85.4	-40.7	Peak	Horizontal
	3881.5	34.8	0.3	35.1	74.0	-38.9	Peak	Vertical
	4995.0	32.7	3.8	36.5	74.0	-37.5	Peak	Vertical
*	6593.0	32.0	8.7	40.7	85.4	-44.7	Peak	Vertical
*	9806.0	29.6	15.2	44.8	85.4	-40.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3856.0	34.0	0.3	34.3	74.0	-39.7	Peak	Horizontal
	4731.5	33.8	3.6	37.4	74.0	-36.6	Peak	Horizontal
*	6601.5	31.6	8.7	40.3	86.9	-46.6	Peak	Horizontal
*	9993.0	27.3	15.4	42.7	86.9	-44.2	Peak	Horizontal
	3898.5	35.3	0.3	35.6	74.0	-38.4	Peak	Vertical
	4791.0	34.1	3.7	37.8	74.0	-36.2	Peak	Vertical
*	6533.5	31.9	8.5	40.4	86.9	-46.5	Peak	Vertical
*	10171.5	29.6	16.1	45.7	86.9	-41.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (116.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	3822.0	36.0	0.3	36.3	74.0	-37.7	Peak	Horizontal
	4706.0	34.0	3.6	37.6	74.0	-36.4	Peak	Horizontal
*	6576.0	31.6	8.6	40.2	86.7	-46.5	Peak	Horizontal
*	10129.0	29.5	15.9	45.4	86.7	-41.3	Peak	Horizontal
	3788.0	35.8	0.2	36.0	74.0	-38.0	Peak	Vertical
	4825.0	34.4	3.7	38.1	74.0	-35.9	Peak	Vertical
*	6499.5	32.9	8.4	41.3	86.7	-45.4	Peak	Vertical
*	10163.0	30.9	16.0	46.9	86.7	-39.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.7dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3898.5	34.8	0.3	35.1	74.0	-38.9	Peak	Horizontal
	5037.5	34.1	4.0	38.1	74.0	-35.9	Peak	Horizontal
*	6542.0	31.7	8.6	40.3	85.0	-44.7	Peak	Horizontal
*	10180.0	29.3	16.1	45.4	85.0	-39.6	Peak	Horizontal
	3890.0	37.2	0.3	37.5	74.0	-36.5	Peak	Vertical
	4791.0	33.4	3.7	37.1	74.0	-36.9	Peak	Vertical
*	6457.0	33.6	8.1	41.7	85.0	-43.3	Peak	Vertical
*	9908.0	30.8	15.3	46.1	85.0	-38.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3924.0	36.2	0.3	36.5	74.0	-37.5	Peak	Horizontal
	4944.0	35.2	3.7	38.9	74.0	-35.1	Peak	Horizontal
*	6457.0	33.2	8.1	41.3	86.1	-44.8	Peak	Horizontal
*	9848.5	28.7	16.1	44.8	86.1	-41.3	Peak	Horizontal
	3881.5	35.2	0.3	35.5	74.0	-38.5	Peak	Vertical
	4799.5	33.2	3.7	36.9	74.0	-37.1	Peak	Vertical
*	6533.5	32.0	8.5	40.5	86.1	-45.6	Peak	Vertical
*	9857.0	28.8	16.2	45.0	86.1	-41.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3830.5	34.3	0.3	34.6	74.0	-39.4	Peak	Horizontal
	4876.0	33.4	3.7	37.1	74.0	-36.9	Peak	Horizontal
*	6610.0	32.3	8.7	41.0	86.4	-45.4	Peak	Horizontal
*	10044.0	29.9	15.5	45.4	86.4	-41.0	Peak	Horizontal
	3847.5	36.2	0.3	36.5	74.0	-37.5	Peak	Vertical
	4893.0	32.9	3.7	36.6	74.0	-37.4	Peak	Vertical
*	6440.0	33.2	8.0	41.2	86.4	-45.2	Peak	Vertical
*	9780.5	29.7	14.9	44.6	86.4	-41.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3830.5	35.2	0.3	35.5	74.0	-38.5	Peak	Horizontal
	4774.0	33.0	3.7	36.7	74.0	-37.3	Peak	Horizontal
*	6533.5	32.2	8.5	40.7	80.0	-39.3	Peak	Horizontal
*	10146.0	29.4	16.0	45.4	80.0	-34.6	Peak	Horizontal
	3949.5	35.2	0.3	35.5	74.0	-38.5	Peak	Vertical
	5046.0	34.1	4.0	38.1	74.0	-35.9	Peak	Vertical
*	6516.5	31.2	8.5	39.7	80.0	-40.3	Peak	Vertical
*	10239.5	29.4	16.4	45.8	80.0	-34.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (110.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	3847.5	34.5	0.3	34.8	74.0	-39.2	Peak	Horizontal
	4774.0	33.5	3.7	37.2	74.0	-36.8	Peak	Horizontal
*	6584.5	32.1	8.6	40.7	83.7	-43.0	Peak	Horizontal
*	9806.0	29.1	15.2	44.3	83.7	-39.4	Peak	Horizontal
	3822.0	35.2	0.3	35.5	74.0	-38.5	Peak	Vertical
	4757.0	34.7	3.7	38.4	74.0	-35.6	Peak	Vertical
*	6508.0	31.5	8.4	39.9	83.7	-43.8	Peak	Vertical
*	10154.5	29.3	16.0	45.3	83.7	-38.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.7dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3856.0	35.2	0.3	35.5	74.0	-38.5	Peak	Horizontal
	4884.5	33.6	3.7	37.3	74.0	-36.7	Peak	Horizontal
*	6465.5	32.6	8.1	40.7	83.4	-42.7	Peak	Horizontal
*	9797.5	30.6	15.1	45.7	83.4	-37.7	Peak	Horizontal
	3873.0	34.6	0.3	34.9	74.0	-39.1	Peak	Vertical
	4918.5	33.4	3.7	37.1	74.0	-36.9	Peak	Vertical
*	6576.0	31.5	8.6	40.1	83.4	-43.3	Peak	Vertical
*	10001.5	29.5	15.4	44.9	83.4	-38.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (113.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3779.5	36.2	0.2	36.4	74.0	-37.6	Peak	Horizontal
	4876.0	34.1	3.7	37.8	74.0	-36.2	Peak	Horizontal
*	6567.5	32.2	8.6	40.8	81.7	-40.9	Peak	Horizontal
*	9831.5	29.3	15.9	45.2	81.7	-36.5	Peak	Horizontal
	3830.5	35.8	0.3	36.1	74.0	-37.9	Peak	Vertical
	4782.5	33.5	3.7	37.2	74.0	-36.8	Peak	Vertical
*	6533.5	31.7	8.5	40.2	81.7	-41.5	Peak	Vertical
*	9933.5	30.4	15.3	45.7	81.7	-36.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (111.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3847.5	34.5	0.3	34.8	74.0	-39.2	Peak	Horizontal
	4901.5	32.7	3.7	36.4	74.0	-37.6	Peak	Horizontal
*	6508.0	31.9	8.4	40.3	81.7	-41.4	Peak	Horizontal
*	10426.5	29.4	17.0	46.4	81.7	-35.3	Peak	Horizontal
	3890.0	34.9	0.3	35.2	74.0	-38.8	Peak	Vertical
	4799.5	33.2	3.7	36.9	74.0	-37.1	Peak	Vertical
*	6542.0	31.4	8.6	40.0	81.7	-41.7	Peak	Vertical
*	9984.5	29.6	15.4	45.0	81.7	-36.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (111.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3779.5	34.7	0.2	34.9	74.0	-39.1	Peak	Horizontal
	4799.5	33.5	3.7	37.2	74.0	-36.8	Peak	Horizontal
*	6525.0	31.4	8.5	39.9	81.9	-42.0	Peak	Horizontal
*	9942.0	29.6	15.3	44.9	81.9	-37.0	Peak	Horizontal
	3907.0	35.3	0.3	35.6	74.0	-38.4	Peak	Vertical
	4969.5	33.8	3.7	37.5	74.0	-36.5	Peak	Vertical
*	6482.5	32.8	8.3	41.1	81.9	-40.8	Peak	Vertical
*	10282.0	29.2	16.5	45.7	81.9	-36.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (111.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3796.5	35.6	0.2	35.8	74.0	-38.2	Peak	Horizontal
	4935.5	34.0	3.7	37.7	74.0	-36.3	Peak	Horizontal
*	6627.0	32.5	8.7	41.2	84.5	-43.3	Peak	Horizontal
*	10095.0	30.4	15.7	46.1	84.5	-38.4	Peak	Horizontal
	3856.0	35.1	0.3	35.4	74.0	-38.6	Peak	Vertical
	4833.5	33.3	3.7	37.0	74.0	-37.0	Peak	Vertical
*	6576.0	32.0	8.6	40.6	84.5	-43.9	Peak	Vertical
*	9916.5	29.3	15.3	44.6	84.5	-39.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3779.5	35.0	0.2	35.2	74.0	-38.8	Peak	Horizontal
	4757.0	33.5	3.7	37.2	74.0	-36.8	Peak	Horizontal
*	6482.5	32.3	8.3	40.6	84.5	-43.9	Peak	Horizontal
*	10146.0	30.3	16.0	46.3	84.5	-38.2	Peak	Horizontal
	3788.0	34.4	0.2	34.6	74.0	-39.4	Peak	Vertical
	4782.5	33.2	3.7	36.9	74.0	-37.1	Peak	Vertical
*	6491.0	32.6	8.3	40.9	84.5	-43.6	Peak	Vertical
*	9891.0	30.2	15.5	45.7	84.5	-38.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3796.5	35.2	0.2	35.4	74.0	-38.6	Peak	Horizontal
	4825.0	34.1	3.7	37.8	74.0	-36.2	Peak	Horizontal
*	6465.5	32.4	8.1	40.5	85.1	-44.6	Peak	Horizontal
*	10197.0	28.7	16.2	44.9	85.1	-40.2	Peak	Horizontal
	3788.0	35.6	0.2	35.8	74.0	-38.2	Peak	Vertical
	4782.5	34.0	3.7	37.7	74.0	-36.3	Peak	Vertical
*	6584.5	32.3	8.6	40.9	85.1	-44.2	Peak	Vertical
*	10154.5	29.5	16.0	45.5	85.1	-39.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3720.0	36.9	0.1	37.0	74.0	-37.0	Peak	Horizontal
	4782.5	33.6	3.7	37.3	74.0	-36.7	Peak	Horizontal
*	6635.5	32.0	8.7	40.7	85.0	-44.3	Peak	Horizontal
*	10078.0	30.1	15.6	45.7	85.0	-39.3	Peak	Horizontal
	3907.0	35.9	0.3	36.2	74.0	-37.8	Peak	Vertical
	4850.5	33.1	3.7	36.8	74.0	-37.2	Peak	Vertical
*	6678.0	32.1	8.7	40.8	85.0	-44.2	Peak	Vertical
*	9882.5	29.2	15.6	44.8	85.0	-40.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3847.5	35.2	0.3	35.5	74.0	-38.5	Peak	Horizontal
	4791.0	34.2	3.7	37.9	74.0	-36.1	Peak	Horizontal
*	6610.0	31.1	8.7	39.8	85.0	-45.2	Peak	Horizontal
*	9661.5	30.1	14.5	44.6	85.0	-40.4	Peak	Horizontal
	3856.0	34.7	0.3	35.0	74.0	-39.0	Peak	Vertical
	4850.5	34.2	3.7	37.9	74.0	-36.1	Peak	Vertical
*	6474.0	33.1	8.2	41.3	85.0	-43.7	Peak	Vertical
*	10069.5	29.9	15.6	45.5	85.0	-39.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3890.0	34.5	0.3	34.8	74.0	-39.2	Peak	Horizontal
	5054.5	33.8	4.0	37.8	74.0	-36.2	Peak	Horizontal
*	6593.0	31.5	8.7	40.2	85.4	-45.2	Peak	Horizontal
*	9840.0	30.0	16.0	46.0	85.4	-39.4	Peak	Horizontal
	3788.0	35.5	0.2	35.7	74.0	-38.3	Peak	Vertical
	4757.0	33.7	3.7	37.4	74.0	-36.6	Peak	Vertical
*	6457.0	32.7	8.1	40.8	85.4	-44.6	Peak	Vertical
*	10188.5	29.7	16.2	45.9	85.4	-39.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 3	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3839.0	35.6	0.3	35.9	74.0	-38.1	Peak	Horizontal
	4731.5	33.7	3.6	37.3	74.0	-36.7	Peak	Horizontal
*	6389.0	31.9	7.6	39.5	79.7	-40.2	Peak	Horizontal
*	10197.0	29.4	16.2	45.6	79.7	-34.1	Peak	Horizontal
	3754.0	35.6	0.2	35.8	74.0	-38.2	Peak	Vertical
	4867.5	33.3	3.7	37.0	74.0	-37.0	Peak	Vertical
*	6533.5	31.3	8.5	39.8	79.7	-39.9	Peak	Vertical
*	10018.5	29.5	15.4	44.9	79.7	-34.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (109.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3839.0	34.6	0.3	34.9	74.0	-39.1	Peak	Horizontal
	4757.0	33.3	3.7	37.0	74.0	-37.0	Peak	Horizontal
*	6525.0	32.3	8.5	40.8	82.0	-41.2	Peak	Horizontal
*	9865.5	28.4	16.0	44.4	82.0	-37.6	Peak	Horizontal
	3771.0	35.4	0.2	35.6	74.0	-38.4	Peak	Vertical
	4765.5	33.1	3.7	36.8	74.0	-37.2	Peak	Vertical
*	6491.0	31.6	8.3	39.9	82.0	-42.1	Peak	Vertical
*	9925.0	29.9	15.3	45.2	82.0	-36.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 3	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3890.0	35.1	0.3	35.4	74.0	-38.6	Peak	Horizontal
	4952.5	33.5	3.7	37.2	74.0	-36.8	Peak	Horizontal
*	6601.5	31.9	8.7	40.6	81.7	-41.1	Peak	Horizontal
*	10197.0	29.2	16.2	45.4	81.7	-36.3	Peak	Horizontal
	3754.0	35.5	0.2	35.7	74.0	-38.3	Peak	Vertical
	4961.0	33.1	3.7	36.8	74.0	-37.2	Peak	Vertical
*	6457.0	34.5	8.1	42.6	81.7	-39.1	Peak	Vertical
*	10188.5	30.0	16.2	46.2	81.7	-35.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (111.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3788.0	36.3	0.2	36.5	74.0	-37.5	Peak	Horizontal
	4765.5	33.8	3.7	37.5	74.0	-36.5	Peak	Horizontal
*	6559.0	32.5	8.6	41.1	89.9	-48.8	Peak	Horizontal
*	10129.0	30.6	15.9	46.5	89.9	-43.4	Peak	Horizontal
	3788.0	36.3	0.2	36.5	74.0	-37.5	Peak	Vertical
	4825.0	33.7	3.7	37.4	74.0	-36.6	Peak	Vertical
*	6559.0	32.5	8.6	41.1	89.9	-48.8	Peak	Vertical
*	10129.0	30.6	15.9	46.5	89.9	-43.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (119.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3771.0	35.3	0.2	35.5	74.0	-38.5	Peak	Horizontal
	4791.0	33.7	3.7	37.4	74.0	-36.6	Peak	Horizontal
*	6584.5	32.9	8.6	41.5	88.9	-47.4	Peak	Horizontal
*	9857.0	27.2	16.2	43.4	88.9	-45.5	Peak	Horizontal
	3754.0	35.5	0.2	35.7	74.0	-38.3	Peak	Vertical
	4774.0	33.5	3.7	37.2	74.0	-36.8	Peak	Vertical
*	6686.5	31.7	8.7	40.4	88.9	-48.5	Peak	Vertical
*	10069.5	29.8	15.6	45.4	88.9	-43.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (118.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3830.5	35.0	0.3	35.3	74.0	-38.7	Peak	Horizontal
	4799.5	33.2	3.7	36.9	74.0	-37.1	Peak	Horizontal
*	6457.0	32.5	8.1	40.6	88.8	-48.2	Peak	Horizontal
*	10086.5	29.5	15.7	45.2	88.8	-43.6	Peak	Horizontal
	3771.0	35.4	0.2	35.6	74.0	-38.4	Peak	Vertical
	5012.0	33.9	3.9	37.8	74.0	-36.2	Peak	Vertical
*	6525.0	31.4	8.5	39.9	88.8	-48.9	Peak	Vertical
*	9967.5	29.6	15.3	44.9	88.8	-43.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (118.8dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3813.5	36.8	0.3	37.1	74.0	-36.9	Peak	Horizontal
	4791.0	33.9	3.7	37.6	74.0	-36.4	Peak	Horizontal
*	6814.0	32.6	9.1	41.7	89.3	-47.6	Peak	Horizontal
*	9899.5	29.9	15.4	45.3	89.3	-44.0	Peak	Horizontal
	3771.0	34.7	0.2	34.9	74.0	-39.1	Peak	Vertical
	4765.5	33.4	3.7	37.1	74.0	-36.9	Peak	Vertical
*	6465.5	32.9	8.1	41.0	89.3	-48.3	Peak	Vertical
*	10069.5	29.6	15.6	45.2	89.3	-44.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (119.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3754.0	35.8	0.2	36.0	74.0	-38.0	Peak	Horizontal
	4808.0	33.6	3.7	37.3	74.0	-36.7	Peak	Horizontal
*	6601.5	31.6	8.7	40.3	89.3	-49.0	Peak	Horizontal
*	9763.5	29.9	14.9	44.8	89.3	-44.5	Peak	Horizontal
	3822.0	35.5	0.3	35.8	74.0	-38.2	Peak	Vertical
	4808.0	33.5	3.7	37.2	74.0	-36.8	Peak	Vertical
*	6457.0	32.6	8.1	40.7	89.3	-48.6	Peak	Vertical
*	9772.0	29.1	14.9	44.0	89.3	-45.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (119.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3822.0	35.3	0.3	35.6	74.0	-38.4	Peak	Horizontal
	4782.5	33.9	3.7	37.6	74.0	-36.4	Peak	Horizontal
*	6448.5	32.6	8.0	40.6	93.4	-52.8	Peak	Horizontal
*	9976.0	29.9	15.3	45.2	93.4	-48.2	Peak	Horizontal
	3762.5	35.3	0.2	35.5	74.0	-38.5	Peak	Vertical
	4918.5	34.2	3.7	37.9	74.0	-36.1	Peak	Vertical
*	6465.5	32.1	8.1	40.2	93.4	-53.2	Peak	Vertical
*	9967.5	30.0	15.3	45.3	93.4	-48.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (123.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3830.5	35.2	0.3	35.5	74.0	-38.5	Peak	Horizontal
	4952.5	33.8	3.7	37.5	74.0	-36.5	Peak	Horizontal
*	6627.0	31.8	8.7	40.5	88.4	-47.9	Peak	Horizontal
*	9857.0	28.5	16.2	44.7	88.4	-43.7	Peak	Horizontal
	3771.0	36.0	0.2	36.2	74.0	-37.8	Peak	Vertical
	4731.5	33.9	3.6	37.5	74.0	-36.5	Peak	Vertical
*	6814.0	32.0	9.1	41.1	88.4	-47.3	Peak	Vertical
*	10061.0	29.6	15.6	45.2	88.4	-43.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (118.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3745.5	35.7	0.2	35.9	74.0	-38.1	Peak	Horizontal
	4859.0	33.0	3.7	36.7	74.0	-37.3	Peak	Horizontal
*	6457.0	32.8	8.1	40.9	89.5	-48.6	Peak	Horizontal
*	9840.0	28.9	16.0	44.9	89.5	-44.6	Peak	Horizontal
	3924.0	35.7	0.3	36.0	74.0	-38.0	Peak	Vertical
	4842.0	33.4	3.7	37.1	74.0	-36.9	Peak	Vertical
*	6499.5	32.6	8.4	41.0	89.5	-48.5	Peak	Vertical
*	9967.5	29.7	15.3	45.0	89.5	-44.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (119.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3745.5	35.3	0.2	35.5	74.0	-38.5	Peak	Horizontal
	4757.0	33.7	3.7	37.4	74.0	-36.6	Peak	Horizontal
*	6491.0	31.2	8.3	39.5	91.8	-52.3	Peak	Horizontal
*	10078.0	29.1	15.6	44.7	91.8	-47.1	Peak	Horizontal
	3805.0	34.7	0.2	34.9	74.0	-39.1	Peak	Vertical
	4714.5	33.8	3.6	37.4	74.0	-36.6	Peak	Vertical
*	6465.5	32.7	8.1	40.8	91.8	-51.0	Peak	Vertical
*	10112.0	29.4	15.8	45.2	91.8	-46.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (121.8dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	3796.5	34.4	0.2	34.6	74.0	-39.4	Peak	Horizontal
	4884.5	33.5	3.7	37.2	74.0	-36.8	Peak	Horizontal
*	6576.0	31.5	8.6	40.1	84.1	-44.0	Peak	Horizontal
*	9780.5	30.0	14.9	44.9	84.1	-39.2	Peak	Horizontal
	3754.0	35.3	0.2	35.5	74.0	-38.5	Peak	Vertical
	4723.0	33.8	3.6	37.4	74.0	-36.6	Peak	Vertical
*	6423.0	33.7	7.8	41.5	84.1	-42.6	Peak	Vertical
*	10027.0	29.6	15.4	45.0	84.1	-39.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (114.1dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3813.5	35.8	0.3	36.1	74.0	-37.9	Peak	Horizontal
	4621.0	34.5	3.3	37.8	74.0	-36.2	Peak	Horizontal
*	6508.0	32.0	8.4	40.4	84.5	-44.1	Peak	Horizontal
*	9704.0	29.7	14.6	44.3	84.5	-40.2	Peak	Horizontal
	3915.5	35.1	0.3	35.4	74.0	-38.6	Peak	Vertical
	4765.5	33.2	3.7	36.9	74.0	-37.1	Peak	Vertical
*	6406.0	32.7	7.7	40.4	84.5	-44.1	Peak	Vertical
*	9797.5	29.3	15.1	44.4	84.5	-40.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Omni		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	3881.5	35.6	0.3	35.9	74.0	-38.1	Peak	Horizontal
	4859.0	34.0	3.7	37.7	74.0	-36.3	Peak	Horizontal
*	6610.0	31.8	8.7	40.5	84.5	-44.0	Peak	Horizontal
*	9874.0	29.0	15.8	44.8	84.5	-39.7	Peak	Horizontal
	3890.0	34.4	0.3	34.7	74.0	-39.3	Peak	Vertical
	4816.5	31.9	3.7	35.6	74.0	-38.4	Peak	Vertical
*	6559.0	31.6	8.6	40.2	84.5	-44.3	Peak	Vertical
*	9840.0	28.6	16.0	44.6	84.5	-39.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4632.0	34.6	3.3	37.9	74.0	-36.1	Peak	Horizontal
*	5425.0	33.4	4.1	37.5	74.0	-36.5	Peak	Horizontal
	7825.0	30.8	12.4	43.2	86.6	-43.4	Peak	Horizontal
	8694.0	29.4	13.7	43.1	86.6	-43.5	Peak	Horizontal
*	4796.0	33.9	3.7	37.6	74.0	-36.4	Peak	Vertical
*	7634.0	30.9	12.6	43.5	74.0	-30.5	Peak	Vertical
	8854.0	29.1	14.0	43.1	86.6	-43.5	Peak	Vertical
	9847.0	29.5	16.1	45.6	86.6	-41.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.6dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	4789.0	34.2	3.7	37.9	74.0	-36.1	Peak	Horizontal
*	7658.0	31.1	12.5	43.6	74.0	-30.4	Peak	Horizontal
	8902.0	29.4	14.0	43.4	86.8	-43.4	Peak	Horizontal
	9684.0	30.6	14.6	45.2	86.8	-41.6	Peak	Horizontal
*	4984.0	33.5	3.8	37.3	74.0	-36.7	Peak	Vertical
*	7384.0	31.8	12.5	44.3	74.0	-29.7	Peak	Vertical
	8652.0	29.4	13.6	43.0	86.8	-43.8	Peak	Vertical
	9602.0	30.9	14.4	45.3	86.8	-41.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.8dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4965.0	34.2	3.7	37.9	74.0	-36.1	Peak	Horizontal
*	7620.0	30.2	12.6	42.8	74.0	-31.2	Peak	Horizontal
	8745.0	30.3	13.9	44.2	85.9	-41.7	Peak	Horizontal
	9603.0	30.8	14.4	45.2	85.9	-40.7	Peak	Horizontal
*	4852.0	32.4	3.7	36.1	74.0	-37.9	Peak	Vertical
*	7362.0	30.1	12.5	42.6	74.0	-31.4	Peak	Vertical
	8620.0	29.4	13.5	42.9	85.9	-43.0	Peak	Vertical
	9684.0	30.2	14.6	44.8	85.9	-41.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4968.0	33.3	3.7	37.0	74.0	-37.0	Peak	Horizontal
*	7463.0	30.4	12.8	43.2	74.0	-30.8	Peak	Horizontal
	8858.0	28.2	14.0	42.2	83.5	-41.3	Peak	Horizontal
	9825.0	29.0	15.7	44.7	83.5	-38.8	Peak	Horizontal
*	4968.0	34.4	3.7	38.1	74.0	-35.9	Peak	Vertical
*	7320.0	30.6	12.4	43.0	74.0	-31.0	Peak	Vertical
	8825.0	28.9	14.0	42.9	83.5	-40.6	Peak	Vertical
	9684.0	30.5	14.6	45.1	83.5	-38.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (113.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4652.0	34.6	3.4	38.0	74.0	-36.0	Peak	Horizontal
*	7352.0	30.7	12.4	43.1	74.0	-30.9	Peak	Horizontal
	8574.0	30.6	13.3	43.9	83.6	-39.7	Peak	Horizontal
	9869.0	29.8	15.9	45.7	83.6	-37.9	Peak	Horizontal
*	4968.0	33.6	3.7	37.3	74.0	-36.7	Peak	Vertical
*	7365.0	31.2	12.5	43.7	74.0	-30.3	Peak	Vertical
	8562.0	29.2	13.3	42.5	83.6	-41.1	Peak	Vertical
	9684.0	30.6	14.6	45.2	83.6	-38.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (113.6dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4968.0	34.3	3.7	38.0	74.0	-36.0	Peak	Horizontal
*	7685.0	30.5	12.5	43.0	74.0	-31.0	Peak	Horizontal
	8630.0	29.7	13.5	43.2	82.8	-39.6	Peak	Horizontal
	9684.0	30.3	14.6	44.9	82.8	-37.9	Peak	Horizontal
*	4875.0	34.6	3.7	38.3	74.0	-35.7	Peak	Vertical
*	7480.0	30.9	12.8	43.7	74.0	-30.3	Peak	Vertical
	8695.0	28.7	13.7	42.4	82.8	-40.4	Peak	Vertical
	9654.0	29.8	14.5	44.3	82.8	-38.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.8dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4960.0	35.6	3.7	39.3	74.0	-34.7	Peak	Horizontal
*	7456.0	30.5	12.8	43.3	74.0	-30.7	Peak	Horizontal
	8725.0	29.5	13.8	43.3	82.2	-38.9	Peak	Horizontal
	9684.0	31.5	14.6	46.1	82.2	-36.1	Peak	Horizontal
*	4625.0	33.4	3.3	36.7	74.0	-37.3	Peak	Vertical
*	7458.0	31.3	12.8	44.1	74.0	-29.9	Peak	Vertical
	8562.0	30.0	13.3	43.3	82.2	-38.9	Peak	Vertical
	9236.0	29.6	14.8	44.4	82.2	-37.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (112.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4825.0	33.1	3.7	36.8	74.0	-37.2	Peak	Horizontal
*	5395.0	33.4	4.0	37.4	74.0	-36.6	Peak	Horizontal
	7958.0	30.4	12.5	42.9	83.1	-40.2	Peak	Horizontal
	9230.0	30.0	14.8	44.8	83.1	-38.3	Peak	Horizontal
*	4869.0	34.1	3.7	37.8	74.0	-36.2	Peak	Vertical
*	7425.0	31.0	12.7	43.7	74.0	-30.3	Peak	Vertical
	8716.0	30.5	13.8	44.3	83.1	-38.8	Peak	Vertical
	9648.0	31.8	14.5	46.3	83.1	-36.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4968.0	33.9	3.7	37.6	74.0	-36.4	Peak	Horizontal
*	7364.0	30.5	12.5	43.0	74.0	-31.0	Peak	Horizontal
	8869.0	29.4	14.0	43.4	83.4	-40.0	Peak	Horizontal
	9684.0	30.2	14.6	44.8	83.4	-38.6	Peak	Horizontal
*	4785.0	34.0	3.7	37.7	74.0	-36.3	Peak	Vertical
*	7364.0	31.1	12.5	43.6	74.0	-30.4	Peak	Vertical
	8658.0	29.3	13.6	42.9	83.4	-40.5	Peak	Vertical
	9684.0	30.5	14.6	45.1	83.4	-38.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (113.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4968.0	35.3	3.7	39.0	74.0	-35.0	Peak	Horizontal
*	7648.0	30.3	12.5	42.8	74.0	-31.2	Peak	Horizontal
	8863.0	28.5	14.0	42.5	77.2	-34.7	Peak	Horizontal
	9847.0	28.5	16.1	44.6	77.2	-32.6	Peak	Horizontal
*	4875.0	33.7	3.7	37.4	74.0	-36.6	Peak	Vertical
*	7425.0	30.7	12.7	43.4	74.0	-30.6	Peak	Vertical
	8635.0	29.3	13.5	42.8	77.2	-34.4	Peak	Vertical
	9820.0	29.0	15.5	44.5	77.2	-32.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (107.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4858.0	32.5	3.7	36.2	74.0	-37.8	Peak	Horizontal
*	7463.0	30.1	12.8	42.9	74.0	-31.1	Peak	Horizontal
	8692.0	28.3	13.7	42.0	79.4	-37.4	Peak	Horizontal
	9623.0	31.1	14.4	45.5	79.4	-33.9	Peak	Horizontal
*	4968.0	34.5	3.7	38.2	74.0	-35.8	Peak	Vertical
*	7484.0	30.6	12.8	43.4	74.0	-30.6	Peak	Vertical
	8652.0	29.1	13.6	42.7	79.4	-36.7	Peak	Vertical
	9936.0	29.1	15.3	44.4	79.4	-35.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (109.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4752.0	33.1	3.7	36.8	74.0	-37.2	Peak	Horizontal
*	7569.0	29.8	12.8	42.6	74.0	-31.4	Peak	Horizontal
	8630.0	28.9	13.5	42.4	78.7	-36.3	Peak	Horizontal
	9684.0	30.0	14.6	44.6	78.7	-34.1	Peak	Horizontal
*	4968.0	33.3	3.7	37.0	74.0	-37.0	Peak	Vertical
*	7362.0	29.9	12.5	42.4	74.0	-31.6	Peak	Vertical
	8694.0	28.8	13.7	42.5	78.7	-36.2	Peak	Vertical
	9684.0	29.9	14.6	44.5	78.7	-34.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (108.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 1	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4869.0	33.6	3.7	37.3	74.0	-36.7	Peak	Horizontal
*	7463.0	30.0	12.8	42.8	74.0	-31.2	Peak	Horizontal
	8620.0	29.5	13.5	43.0	86.8	-43.8	Peak	Horizontal
	9684.0	30.3	14.6	44.9	86.8	-41.9	Peak	Horizontal
*	4774.0	35.6	3.7	39.3	74.0	-34.7	Peak	Vertical
*	7436.0	30.2	12.7	42.9	74.0	-31.1	Peak	Vertical
	8753.0	28.8	13.9	42.7	86.8	-44.1	Peak	Vertical
	9602.0	30.8	14.4	45.2	86.8	-41.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.8dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4862.0	32.7	3.7	36.4	74.0	-37.6	Peak	Horizontal
*	7413.0	30.5	12.6	43.1	74.0	-30.9	Peak	Horizontal
	8702.0	28.5	13.8	42.3	85.7	-43.4	Peak	Horizontal
	9684.0	30.6	14.6	45.2	85.7	-40.5	Peak	Horizontal
*	4725.0	34.0	3.6	37.6	74.0	-36.4	Peak	Vertical
*	7401.0	30.3	12.6	42.9	74.0	-31.1	Peak	Vertical
	8785.0	29.0	13.9	42.9	85.7	-42.8	Peak	Vertical
	9651.0	30.7	14.5	45.2	85.7	-40.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 1	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4963.0	33.4	3.7	37.1	74.0	-36.9	Peak	Horizontal
*	7368.0	30.5	12.5	43.0	74.0	-31.0	Peak	Horizontal
	8730.0	29.8	13.8	43.6	85.9	-42.3	Peak	Horizontal
	9684.0	30.1	14.6	44.7	85.9	-41.2	Peak	Horizontal
*	4820.0	33.2	3.7	36.9	74.0	-37.1	Peak	Vertical
*	7432.0	29.8	12.7	42.5	74.0	-31.5	Peak	Vertical
	8985.0	29.0	14.1	43.1	85.9	-42.8	Peak	Vertical
	9836.0	29.1	16.0	45.1	85.9	-40.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 1	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4736.0	33.7	3.6	37.3	74.0	-36.7	Peak	Horizontal
*	7513.0	30.5	12.8	43.3	74.0	-30.7	Peak	Horizontal
	8638.0	29.5	13.5	43.0	86.6	-43.6	Peak	Horizontal
	9801.0	29.2	15.1	44.3	86.6	-42.3	Peak	Horizontal
*	4930.0	34.3	3.7	38.0	74.0	-36.0	Peak	Vertical
*	7678.0	30.5	12.5	43.0	74.0	-31.0	Peak	Vertical
	8705.0	29.8	13.8	43.6	86.6	-43.0	Peak	Vertical
	9684.0	30.7	14.6	45.3	86.6	-41.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (116.6dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4952.0	33.9	3.7	37.6	74.0	-36.4	Peak	Horizontal
*	7452.0	29.9	12.8	42.7	74.0	-31.3	Peak	Horizontal
	8803.0	28.7	14.0	42.7	86.2	-43.5	Peak	Horizontal
	9684.0	29.0	14.6	43.6	86.2	-42.6	Peak	Horizontal
*	4968.0	33.9	3.7	37.6	74.0	-36.4	Peak	Vertical
*	7402.0	30.4	12.6	43.0	74.0	-31.0	Peak	Vertical
	8958.0	29.4	14.0	43.4	86.2	-42.8	Peak	Vertical
	9634.0	30.9	14.4	45.3	86.2	-40.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 1	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4982.0	33.0	3.8	36.8	74.0	-37.2	Peak	Horizontal
*	7423.0	29.5	12.7	42.2	74.0	-31.8	Peak	Horizontal
	8830.0	28.1	14.0	42.1	87.8	-45.7	Peak	Horizontal
	9684.0	30.1	14.6	44.7	87.8	-43.1	Peak	Horizontal
*	4968.0	34.2	3.7	37.9	74.0	-36.1	Peak	Vertical
*	7469.0	30.0	12.8	42.8	74.0	-31.2	Peak	Vertical
	8694.0	28.5	13.7	42.2	87.8	-45.6	Peak	Vertical
	9808.0	28.3	15.2	43.5	87.8	-44.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.8dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	4784.0	33.4	3.7	37.1	74.0	-36.9	Peak	Horizontal
*	7635.0	30.2	12.6	42.8	74.0	-31.2	Peak	Horizontal
	8813.0	28.1	14.0	42.1	85.6	-43.5	Peak	Horizontal
	9674.0	29.7	14.5	44.2	85.6	-41.4	Peak	Horizontal
*	4844.0	33.0	3.7	36.7	74.0	-37.3	Peak	Vertical
*	7368.0	31.2	12.5	43.7	74.0	-30.3	Peak	Vertical
	8636.0	29.3	13.5	42.8	85.6	-42.8	Peak	Vertical
	9685.0	30.5	14.6	45.1	85.6	-40.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.6dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4955.0	34.3	3.7	38.0	74.0	-36.0	Peak	Horizontal
*	7602.0	30.9	12.7	43.6	74.0	-30.4	Peak	Horizontal
	8847.0	28.4	14.0	42.4	87.6	-45.2	Peak	Horizontal
	9684.0	30.4	14.6	45.0	87.6	-42.6	Peak	Horizontal
*	4932.0	33.3	3.7	37.0	74.0	-37.0	Peak	Vertical
*	7564.0	30.2	12.8	43.0	74.0	-31.0	Peak	Vertical
	8696.0	28.7	13.7	42.4	87.6	-45.2	Peak	Vertical
	9858.0	28.1	16.2	44.3	87.6	-43.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.6dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	4858.0	33.5	3.7	37.2	74.0	-36.8	Peak	Horizontal
*	7432.0	29.9	12.7	42.6	74.0	-31.4	Peak	Horizontal
	8758.0	28.4	13.9	42.3	87.8	-45.5	Peak	Horizontal
	9826.0	28.3	15.7	44.0	87.8	-43.8	Peak	Horizontal
*	4968.0	33.8	3.7	37.5	74.0	-36.5	Peak	Vertical
*	7451.0	30.1	12.8	42.9	74.0	-31.1	Peak	Vertical
	8775.0	28.7	13.9	42.6	87.8	-45.2	Peak	Vertical
	9684.0	30.0	14.6	44.6	87.8	-43.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.8dBμV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4966.0	33.6	3.7	37.3	74.0	-36.7	Peak	Horizontal
*	7452.0	30.0	12.8	42.8	74.0	-31.2	Peak	Horizontal
	8745.0	28.4	13.9	42.3	79.4	-37.1	Peak	Horizontal
	9702.0	29.8	14.6	44.4	79.4	-35.0	Peak	Horizontal
*	4852.0	32.8	3.7	36.5	74.0	-37.5	Peak	Vertical
*	7430.0	30.3	12.7	43.0	74.0	-31.0	Peak	Vertical
	8747.0	28.8	13.9	42.7	79.4	-36.7	Peak	Vertical
	9684.0	30.0	14.6	44.6	79.4	-34.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (109.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4968.0	34.1	3.7	37.8	74.0	-36.2	Peak	Horizontal
*	7635.0	30.2	12.6	42.8	74.0	-31.2	Peak	Horizontal
	8824.0	29.4	14.0	43.4	83.2	-39.8	Peak	Horizontal
	9630.0	30.6	14.4	45.0	83.2	-38.2	Peak	Horizontal
*	4858.0	33.7	3.7	37.4	74.0	-36.6	Peak	Vertical
*	7530.0	30.3	12.8	43.1	74.0	-30.9	Peak	Vertical
	8694.0	29.4	13.7	43.1	83.2	-40.1	Peak	Vertical
	9684.0	30.2	14.6	44.8	83.2	-38.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4869.0	33.3	3.7	37.0	74.0	-37.0	Peak	Horizontal
*	7421.0	30.1	12.7	42.8	74.0	-31.2	Peak	Horizontal
	8703.0	28.5	13.8	42.3	83.2	-40.9	Peak	Horizontal
	9682.0	30.1	14.6	44.7	83.2	-38.5	Peak	Horizontal
*	4869.0	33.3	3.7	37.0	74.0	-37.0	Peak	Vertical
*	7421.0	30.1	12.7	42.8	74.0	-31.2	Peak	Vertical
	8703.0	28.5	13.8	42.3	83.2	-40.9	Peak	Vertical
	9682.0	30.1	14.6	44.7	83.2	-38.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4968.0	33.4	3.7	37.1	74.0	-36.9	Peak	Horizontal
*	7642.0	30.3	12.6	42.9	74.0	-31.1	Peak	Horizontal
	8758.0	28.5	13.9	42.4	84.7	-42.3	Peak	Horizontal
	9985.0	29.4	15.4	44.8	84.7	-39.9	Peak	Horizontal
*	4968.0	34.8	3.7	38.5	74.0	-35.5	Peak	Vertical
*	7320.0	30.1	12.4	42.5	74.0	-31.5	Peak	Vertical
	8966.0	29.3	14.1	43.4	84.7	-41.3	Peak	Vertical
	9680.0	29.7	14.6	44.3	84.7	-40.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4965.0	34.1	3.7	37.8	74.0	-36.2	Peak	Horizontal
*	7412.0	30.5	12.6	43.1	74.0	-30.9	Peak	Horizontal
	8713.0	29.3	13.8	43.1	84.9	-41.8	Peak	Horizontal
	9610.0	30.1	14.4	44.5	84.9	-40.4	Peak	Horizontal
*	4920.0	32.8	3.7	36.5	74.0	-37.5	Peak	Vertical
*	7432.0	29.9	12.7	42.6	74.0	-31.4	Peak	Vertical
	8690.0	28.6	13.7	42.3	84.9	-42.6	Peak	Vertical
	9613.0	30.5	14.4	44.9	84.9	-40.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4932.0	33.4	3.7	37.1	74.0	-36.9	Peak	Horizontal
*	7463.0	29.5	12.8	42.3	74.0	-31.7	Peak	Horizontal
	8585.0	29.0	13.4	42.4	84.9	-42.5	Peak	Horizontal
	9651.0	30.6	14.5	45.1	84.9	-39.8	Peak	Horizontal
*	4961.0	33.1	3.7	36.8	74.0	-37.2	Peak	Vertical
*	7423.0	30.1	12.7	42.8	74.0	-31.2	Peak	Vertical
	8830.0	28.7	14.0	42.7	84.9	-42.2	Peak	Vertical
	9684.0	29.9	14.6	44.5	84.9	-40.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4958.0	34.1	3.7	37.8	74.0	-36.2	Peak	Horizontal
*	7668.0	30.2	12.5	42.7	74.0	-31.3	Peak	Horizontal
	8896.0	29.0	14.0	43.0	88.1	-45.1	Peak	Horizontal
	9921.0	29.5	15.3	44.8	88.1	-43.3	Peak	Horizontal
*	4962.0	33.8	3.7	37.5	74.0	-36.5	Peak	Vertical
*	7420.0	30.3	12.7	43.0	74.0	-31.0	Peak	Vertical
	8752.0	28.8	13.9	42.7	88.1	-45.4	Peak	Vertical
	9837.0	29.9	16.0	45.9	88.1	-42.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (118.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4646.5	34.6	3.4	38.0	74.0	-36.0	Peak	Horizontal
*	7647.0	31.5	12.5	44.0	74.0	-30.0	Peak	Horizontal
	8667.0	30.3	13.6	43.9	87.6	-43.7	Peak	Horizontal
	10307.5	30.4	16.6	47.0	87.6	-40.6	Peak	Horizontal
*	4655.0	34.7	3.4	38.1	74.0	-35.9	Peak	Vertical
*	7341.0	31.8	12.4	44.2	74.0	-29.8	Peak	Vertical
	8726.5	30.1	13.8	43.9	87.6	-43.7	Peak	Vertical
	9712.5	31.7	14.7	46.4	87.6	-41.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.6dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4697.5	35.0	3.6	38.6	74.0	-35.4	Peak	Horizontal
*	7256.0	31.9	12.2	44.1	74.0	-29.9	Peak	Horizontal
	8735.0	30.6	13.9	44.5	87.0	-42.5	Peak	Horizontal
	9789.0	31.1	15.0	46.1	87.0	-40.9	Peak	Horizontal
*	4910.0	35.0	3.7	38.7	74.0	-35.3	Peak	Vertical
*	7630.0	31.6	12.6	44.2	74.0	-29.8	Peak	Vertical
	8803.0	30.4	14.0	44.4	87.0	-42.6	Peak	Vertical
	10528.5	30.8	17.2	48.0	87.0	-39.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4655.0	35.3	3.4	38.7	74.0	-35.3	Peak	Horizontal
*	7519.5	31.4	12.8	44.2	74.0	-29.8	Peak	Horizontal
	8556.5	30.8	13.2	44.0	85.3	-41.3	Peak	Horizontal
	9908.0	31.4	15.3	46.7	85.3	-38.6	Peak	Horizontal
*	5003.5	34.6	3.8	38.4	74.0	-35.6	Peak	Vertical
*	7426.0	31.7	12.7	44.4	74.0	-29.6	Peak	Vertical
	8573.5	31.2	13.3	44.5	85.3	-40.8	Peak	Vertical
	10061.0	30.6	15.6	46.2	85.3	-39.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4723.0	34.8	3.6	38.4	74.0	-35.6	Peak	Horizontal
*	7494.0	31.2	12.8	44.0	74.0	-30.0	Peak	Horizontal
	8718.0	30.4	13.8	44.2	87.4	-43.2	Peak	Horizontal
	9899.5	30.9	15.4	46.3	87.4	-41.1	Peak	Horizontal
*	4680.5	35.1	3.5	38.6	74.0	-35.4	Peak	Vertical
*	7562.0	31.0	12.8	43.8	74.0	-30.2	Peak	Vertical
	8964.5	30.2	14.1	44.3	87.4	-43.1	Peak	Vertical
	9950.5	30.9	15.3	46.2	87.4	-41.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4961.0	35.5	3.7	39.2	74.0	-34.8	Peak	Horizontal
*	7562.0	31.6	12.8	44.4	74.0	-29.6	Peak	Horizontal
	8590.5	30.5	13.4	43.9	87.1	-43.2	Peak	Horizontal
	10188.5	30.8	16.2	47.0	87.1	-40.1	Peak	Horizontal
*	5037.5	35.7	4.0	39.7	74.0	-34.3	Peak	Vertical
*	7468.5	31.0	12.8	43.8	74.0	-30.2	Peak	Vertical
	8905.0	30.3	14.0	44.3	87.1	-42.8	Peak	Vertical
	9789.0	30.8	15.0	45.8	87.1	-41.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4850.5	7.1	31.6	38.7	74.0	-35.3	Peak	Horizontal
*	7502.5	8.2	36.7	44.9	74.0	-29.1	Peak	Horizontal
	8794.5	7.4	37.0	44.4	78.5	-34.1	Peak	Horizontal
	9857.0	8.3	38.7	47.0	78.5	-31.5	Peak	Horizontal
*	4655.0	35.6	3.4	39.0	74.0	-35.0	Peak	Vertical
*	7604.5	31.4	12.7	44.1	74.0	-29.9	Peak	Vertical
	8573.5	30.9	13.3	44.2	78.5	-34.3	Peak	Vertical
	9627.5	32.1	14.4	46.5	78.5	-32.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (108.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	5003.5	35.4	3.8	39.2	74.0	-34.8	Peak	Horizontal
*	7409.0	31.2	12.6	43.8	74.0	-30.2	Peak	Horizontal
	8556.5	30.9	13.2	44.1	82.4	-38.3	Peak	Horizontal
	9746.5	31.6	14.8	46.4	82.4	-36.0	Peak	Horizontal
*	4799.5	34.3	3.7	38.0	74.0	-36.0	Peak	Vertical
*	7664.0	32.1	12.5	44.6	74.0	-29.4	Peak	Vertical
	8505.5	31.5	12.9	44.4	82.4	-38.0	Peak	Vertical
	9636.0	31.6	14.4	46.0	82.4	-36.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.4dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	5097.0	34.9	4.2	39.1	74.0	-34.9	Peak	Horizontal
*	7409.0	32.0	12.6	44.6	74.0	-29.4	Peak	Horizontal
	8803.0	30.8	14.0	44.8	82.1	-37.3	Peak	Horizontal
	10350.0	30.9	16.8	47.7	82.1	-34.4	Peak	Horizontal
*	4978.0	34.9	3.8	38.7	74.0	-35.3	Peak	Vertical
*	7417.5	31.3	12.6	43.9	74.0	-30.1	Peak	Vertical
	8573.5	31.3	13.3	44.6	82.1	-37.5	Peak	Vertical
	9933.5	31.9	15.3	47.2	82.1	-34.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	5071.5	35.5	4.1	39.6	74.0	-34.4	Peak	Horizontal
*	7536.5	31.3	12.8	44.1	74.0	-29.9	Peak	Horizontal
	8828.5	30.2	14.0	44.2	86.0	-41.8	Peak	Horizontal
	10324.5	31.9	16.7	48.6	86.0	-37.4	Peak	Horizontal
*	4825.0	36.2	3.7	39.9	74.0	-34.1	Peak	Vertical
*	7519.5	31.1	12.8	43.9	74.0	-30.1	Peak	Vertical
	8701.0	30.4	13.8	44.2	86.0	-41.8	Peak	Vertical
	10426.5	30.4	17.0	47.4	86.0	-38.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4884.5	34.7	3.7	38.4	74.0	-35.6	Peak	Horizontal
*	7519.5	32.8	12.8	45.6	74.0	-28.4	Peak	Horizontal
	8573.5	30.8	13.3	44.1	86.1	-42.0	Peak	Horizontal
	10358.5	31.4	16.8	48.2	86.1	-37.9	Peak	Horizontal
*	4876.0	36.4	3.7	40.1	74.0	-33.9	Peak	Vertical
*	7358.0	32.7	12.4	45.1	74.0	-28.9	Peak	Vertical
	8692.5	31.0	13.7	44.7	86.1	-41.4	Peak	Vertical
	10273.5	31.9	16.5	48.4	86.1	-37.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4969.5	36.2	3.7	39.9	74.0	-34.1	Peak	Horizontal
*	7409.0	31.7	12.6	44.3	74.0	-29.7	Peak	Horizontal
	8709.5	29.9	13.8	43.7	85.3	-41.6	Peak	Horizontal
	9865.5	30.6	16.0	46.6	85.3	-38.7	Peak	Horizontal
*	5097.0	35.1	4.2	39.3	74.0	-34.7	Peak	Vertical
*	7647.0	32.0	12.5	44.5	74.0	-29.5	Peak	Vertical
	8794.5	30.6	13.9	44.5	85.3	-40.8	Peak	Vertical
	9610.5	32.1	14.4	46.5	85.3	-38.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4748.5	35.0	3.7	38.7	74.0	-35.3	Peak	Horizontal
*	7485.5	31.6	12.8	44.4	74.0	-29.6	Peak	Horizontal
	8633.0	31.1	13.5	44.6	82.8	-38.2	Peak	Horizontal
	10307.5	31.2	16.6	47.8	82.8	-35.0	Peak	Horizontal
*	4757.0	34.4	3.7	38.1	74.0	-35.9	Peak	Vertical
*	7494.0	31.3	12.8	44.1	74.0	-29.9	Peak	Vertical
	8599.0	30.5	13.4	43.9	82.8	-38.9	Peak	Vertical
	9746.5	31.3	14.8	46.1	82.8	-36.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.8dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	5012.0	35.2	3.9	39.1	74.0	-34.9	Peak	Horizontal
*	7477.0	31.3	12.8	44.1	74.0	-29.9	Peak	Horizontal
	8820.0	29.3	14.0	43.3	84.2	-40.9	Peak	Horizontal
	10061.0	31.4	15.6	47.0	84.2	-37.2	Peak	Horizontal
*	4876.0	35.1	3.7	38.8	74.0	-35.2	Peak	Vertical
*	7638.5	31.1	12.6	43.7	74.0	-30.3	Peak	Vertical
	8743.5	31.5	13.9	45.4	84.2	-38.8	Peak	Vertical
	10171.5	31.1	16.1	47.2	84.2	-37.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4986.5	35.4	3.8	39.2	74.0	-34.8	Peak	Horizontal
*	7485.5	31.3	12.8	44.1	74.0	-29.9	Peak	Horizontal
	8565.0	30.4	13.3	43.7	84.0	-40.3	Peak	Horizontal
	9942.0	31.3	15.3	46.6	84.0	-37.4	Peak	Horizontal
*	4969.5	34.7	3.7	38.4	74.0	-35.6	Peak	Vertical
*	7494.0	30.8	12.8	43.6	74.0	-30.4	Peak	Vertical
	8743.5	30.5	13.9	44.4	84.0	-39.6	Peak	Vertical
	9755.0	31.4	14.8	46.2	84.0	-37.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	5097.0	35.1	4.2	39.3	74.0	-34.7	Peak	Horizontal
*	7655.5	31.8	12.5	44.3	74.0	-29.7	Peak	Horizontal
	8786.0	30.4	13.9	44.3	82.0	-37.7	Peak	Horizontal
	9763.5	31.3	14.9	46.2	82.0	-35.8	Peak	Horizontal
*	4791.0	35.4	3.7	39.1	74.0	-34.9	Peak	Vertical
*	7494.0	30.8	12.8	43.6	74.0	-30.4	Peak	Vertical
	8505.5	31.1	12.9	44.0	82.0	-38.0	Peak	Vertical
	9627.5	32.1	14.4	46.5	82.0	-35.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4944.0	35.7	3.7	39.4	74.0	-34.6	Peak	Horizontal
*	7519.5	31.1	12.8	43.9	74.0	-30.1	Peak	Horizontal
	8565.0	30.9	13.3	44.2	83.3	-39.1	Peak	Horizontal
	10290.5	30.7	16.6	47.3	83.3	-36.0	Peak	Horizontal
*	5097.0	35.0	4.2	39.2	74.0	-34.8	Peak	Vertical
*	7494.0	31.1	12.8	43.9	74.0	-30.1	Peak	Vertical
	8624.5	30.4	13.5	43.9	83.3	-39.4	Peak	Vertical
	10571.0	31.1	17.3	48.4	83.3	-34.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4952.5	35.8	3.7	39.5	74.0	-34.5	Peak	Horizontal
*	7647.0	32.0	12.5	44.5	74.0	-29.5	Peak	Horizontal
	8624.5	29.9	13.5	43.4	83.7	-40.3	Peak	Horizontal
	9891.0	31.1	15.5	46.6	83.7	-37.1	Peak	Horizontal
*	4731.5	34.8	3.6	38.4	74.0	-35.6	Peak	Vertical
*	7477.0	31.1	12.8	43.9	74.0	-30.1	Peak	Vertical
	8599.0	30.5	13.4	43.9	83.7	-39.8	Peak	Vertical
	10239.5	30.5	16.4	46.9	83.7	-36.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (113.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 3	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4731.5	34.9	3.6	38.5	74.0	-35.5	Peak	Horizontal
*	7477.0	32.3	12.8	45.1	74.0	-28.9	Peak	Horizontal
	8947.5	30.8	14.0	44.8	77.5	-32.7	Peak	Horizontal
	9993.0	31.6	15.4	47.0	77.5	-30.5	Peak	Horizontal
*	4723.0	35.0	3.6	38.6	74.0	-35.4	Peak	Vertical
*	7451.5	31.2	12.8	44.0	74.0	-30.0	Peak	Vertical
	8794.5	30.4	13.9	44.3	77.5	-33.2	Peak	Vertical
	10086.5	31.6	15.7	47.3	77.5	-30.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (107.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4799.5	34.7	3.7	38.4	74.0	-35.6	Peak	Horizontal
*	7494.0	32.0	12.8	44.8	74.0	-29.2	Peak	Horizontal
	8548.0	30.7	13.2	43.9	78.7	-34.8	Peak	Horizontal
	10367.0	31.1	16.8	47.9	78.7	-30.8	Peak	Horizontal
*	4680.5	35.2	3.5	38.7	74.0	-35.3	Peak	Vertical
*	7494.0	31.1	12.8	43.9	74.0	-30.1	Peak	Vertical
	8565.0	30.6	13.3	43.9	78.7	-34.8	Peak	Vertical
	10239.5	30.8	16.4	47.2	78.7	-31.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (108.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 3	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4740.0	34.7	3.6	38.3	74.0	-35.7	Peak	Horizontal
*	7579.0	31.0	12.7	43.7	74.0	-30.3	Peak	Horizontal
	8752.0	29.4	13.9	43.3	78.5	-35.2	Peak	Horizontal
	10129.0	31.5	15.9	47.4	78.5	-31.1	Peak	Horizontal
*	4723.0	35.0	3.6	38.6	74.0	-35.4	Peak	Vertical
*	7375.0	31.6	12.5	44.1	74.0	-29.9	Peak	Vertical
	8692.5	29.8	13.7	43.5	78.5	-35.0	Peak	Vertical
	10222.5	31.0	16.3	47.3	78.5	-31.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (108.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4655.0	34.9	3.4	38.3	74.0	-35.7	Peak	Horizontal
*	7553.5	31.3	12.8	44.1	74.0	-29.9	Peak	Horizontal
	8658.5	30.5	13.6	44.1	92.9	-48.8	Peak	Horizontal
	10180.0	30.8	16.1	46.9	92.9	-46.0	Peak	Horizontal
*	4825.0	35.3	3.7	39.0	74.0	-35.0	Peak	Vertical
*	7511.0	31.2	12.8	44.0	74.0	-30.0	Peak	Vertical
	8752.0	29.9	13.9	43.8	92.9	-49.1	Peak	Vertical
	9882.5	31.5	15.6	47.1	92.9	-45.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (122.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4782.5	35.1	3.7	38.8	74.0	-35.2	Peak	Horizontal
*	7545.0	32.1	12.8	44.9	74.0	-29.1	Peak	Horizontal
	8709.5	30.1	13.8	43.9	92.9	-49.0	Peak	Horizontal
	10129.0	29.9	15.9	45.8	92.9	-47.1	Peak	Horizontal
*	4876.0	35.1	3.7	38.8	74.0	-35.2	Peak	Vertical
*	7604.5	31.9	12.7	44.6	74.0	-29.4	Peak	Vertical
	8667.0	30.4	13.6	44.0	92.9	-48.9	Peak	Vertical
	10426.5	30.6	17.0	47.6	92.9	-45.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (122.9dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4969.5	34.8	3.7	38.5	74.0	-35.5	Peak	Horizontal
*	7477.0	31.6	12.8	44.4	74.0	-29.6	Peak	Horizontal
	8786.0	30.0	13.9	43.9	91.5	-47.6	Peak	Horizontal
	10129.0	31.2	15.9	47.1	91.5	-44.4	Peak	Horizontal
*	5012.0	35.4	3.9	39.3	74.0	-34.7	Peak	Vertical
*	7460.0	31.8	12.8	44.6	74.0	-29.4	Peak	Vertical
	8726.5	30.3	13.8	44.1	91.5	-47.4	Peak	Vertical
	10511.5	30.5	17.2	47.7	91.5	-43.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (121.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4867.5	34.7	3.7	38.4	74.0	-35.6	Peak	Horizontal
*	7604.5	31.1	12.7	43.8	74.0	-30.2	Peak	Horizontal
	8641.5	30.1	13.5	43.6	88.7	-45.1	Peak	Horizontal
	10180.0	31.3	16.1	47.4	88.7	-41.3	Peak	Horizontal
*	5029.0	34.4	3.9	38.3	74.0	-35.7	Peak	Vertical
*	7409.0	32.6	12.6	45.2	74.0	-28.8	Peak	Vertical
	8709.5	29.8	13.8	43.6	88.7	-45.1	Peak	Vertical
	10248.0	31.2	16.4	47.6	88.7	-41.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (118.7dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4952.5	35.6	3.7	39.3	74.0	-34.7	Peak	Horizontal
*	7545.0	31.2	12.8	44.0	74.0	-30.0	Peak	Horizontal
	8548.0	32.5	13.2	45.7	89.1	-43.4	Peak	Horizontal
	9576.5	31.6	14.4	46.0	89.1	-43.1	Peak	Horizontal
*	5139.5	35.2	4.2	39.4	74.0	-34.6	Peak	Vertical
*	7494.0	31.3	12.8	44.1	74.0	-29.9	Peak	Vertical
	8786.0	29.8	13.9	43.7	89.1	-45.4	Peak	Vertical
	10299.0	30.6	16.6	47.2	89.1	-41.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (119.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4944.0	34.7	3.7	38.4	74.0	-35.6	Peak	Horizontal
*	7451.5	31.6	12.8	44.4	74.0	-29.6	Peak	Horizontal
	8964.5	30.4	14.1	44.5	89.0	-44.5	Peak	Horizontal
	10571.0	31.1	17.3	48.4	89.0	-40.6	Peak	Horizontal
*	4952.5	35.5	3.7	39.2	74.0	-34.8	Peak	Vertical
*	7536.5	30.9	12.8	43.7	74.0	-30.3	Peak	Vertical
	8718.0	31.0	13.8	44.8	89.0	-44.2	Peak	Vertical
	9874.0	30.6	15.8	46.4	89.0	-42.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (119.0dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4893.0	35.1	3.7	38.8	74.0	-35.2	Peak	Horizontal
*	7664.0	32.1	12.5	44.6	74.0	-29.4	Peak	Horizontal
	8658.5	31.2	13.6	44.8	87.1	-42.3	Peak	Horizontal
	10180.0	30.5	16.1	46.6	87.1	-40.5	Peak	Horizontal
*	5046.0	34.8	4.0	38.8	74.0	-35.2	Peak	Vertical
*	7417.5	31.3	12.6	43.9	74.0	-30.1	Peak	Vertical
	8684.0	31.9	13.7	45.6	87.1	-41.5	Peak	Vertical
	10418.0	31.0	17.0	48.0	87.1	-39.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4799.5	35.5	3.7	39.2	74.0	-34.8	Peak	Horizontal
*	7604.5	31.6	12.7	44.3	74.0	-29.7	Peak	Horizontal
	8505.5	31.1	12.9	44.0	88.2	-44.2	Peak	Horizontal
	10256.5	30.8	16.5	47.3	88.2	-40.9	Peak	Horizontal
*	4867.5	36.9	3.7	40.6	74.0	-33.4	Peak	Vertical
*	7570.5	32.4	12.8	45.2	74.0	-28.8	Peak	Vertical
	8735.0	30.6	13.9	44.5	88.2	-43.7	Peak	Vertical
	9568.0	32.1	14.4	46.5	88.2	-41.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (118.2dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	5097.0	35.2	4.2	39.4	74.0	-34.6	Peak	Horizontal
*	7511.0	31.6	12.8	44.4	74.0	-29.6	Peak	Horizontal
	8735.0	30.6	13.9	44.5	88.1	-43.6	Peak	Horizontal
	10231.0	30.9	16.4	47.3	88.1	-40.8	Peak	Horizontal
*	4910.0	35.5	3.7	39.2	74.0	-34.8	Peak	Vertical
*	7536.5	31.2	12.8	44.0	74.0	-30.0	Peak	Vertical
	8607.5	30.8	13.5	44.3	88.1	-43.8	Peak	Vertical
	9925.0	30.9	15.3	46.2	88.1	-41.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (118.1dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	5063.0	35.6	4.0	39.6	74.0	-34.4	Peak	Horizontal
*	7621.5	31.5	12.6	44.1	74.0	-29.9	Peak	Horizontal
	8531.0	30.5	13.1	43.6	82.5	-38.9	Peak	Horizontal
	10146.0	30.8	16.0	46.8	82.5	-35.7	Peak	Horizontal
*	4961.0	34.7	3.7	38.4	74.0	-35.6	Peak	Vertical
*	7485.5	31.2	12.8	44.0	74.0	-30.0	Peak	Vertical
	8675.5	30.3	13.7	44.0	82.5	-38.5	Peak	Vertical
	10137.5	30.5	15.9	46.4	82.5	-36.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.5dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4765.5	35.4	3.7	39.1	74.0	-34.9	Peak	Horizontal
*	7485.5	30.8	12.8	43.6	74.0	-30.4	Peak	Horizontal
	8650.0	31.1	13.6	44.7	87.6	-42.9	Peak	Horizontal
	9534.0	31.7	14.4	46.1	87.6	-41.5	Peak	Horizontal
*	5029.0	36.0	3.9	39.9	74.0	-34.1	Peak	Vertical
*	7545.0	31.8	12.8	44.6	74.0	-29.4	Peak	Vertical
	8964.5	31.0	14.1	45.1	87.6	-42.5	Peak	Vertical
	10282.0	31.3	16.5	47.8	87.6	-39.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.6dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
Antenna Model No.	Galtronics Directional		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	4944.0	34.7	3.7	38.4	74.0	-35.6	Peak	Horizontal
*	7604.5	31.6	12.7	44.3	74.0	-29.7	Peak	Horizontal
	8548.0	31.9	13.2	45.1	84.3	-39.2	Peak	Horizontal
	9568.0	31.7	14.4	46.1	84.3	-38.2	Peak	Horizontal
*	4876.0	35.0	3.7	38.7	74.0	-35.3	Peak	Vertical
*	7426.0	31.0	12.7	43.7	74.0	-30.3	Peak	Vertical
	8675.5	30.3	13.7	44.0	84.3	-40.3	Peak	Vertical
	9763.5	31.4	14.9	46.3	84.3	-38.0	Peak	Vertical

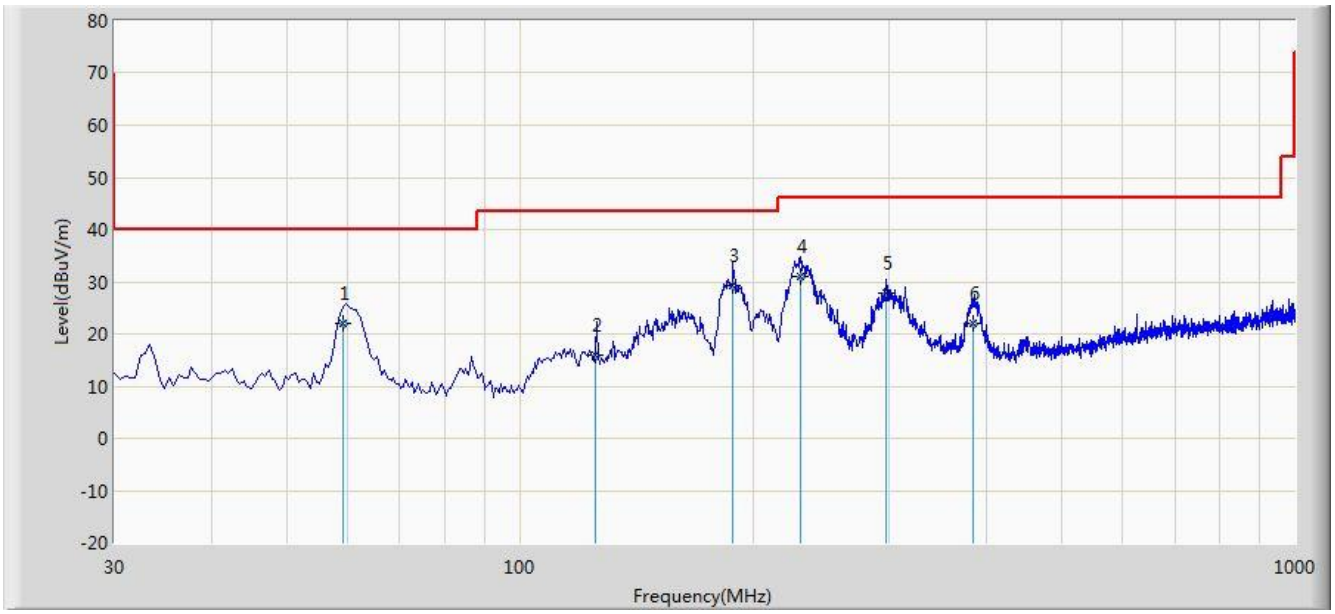
Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (114.3dBµV/m) or FCC 15.209 which is higher.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The worst case of Radiated Emission below 1GHz:

Site: AC1	Time: 2016/12/03 - 16:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Note: There is the worst case within frequency range 30MHz~1GHz.	

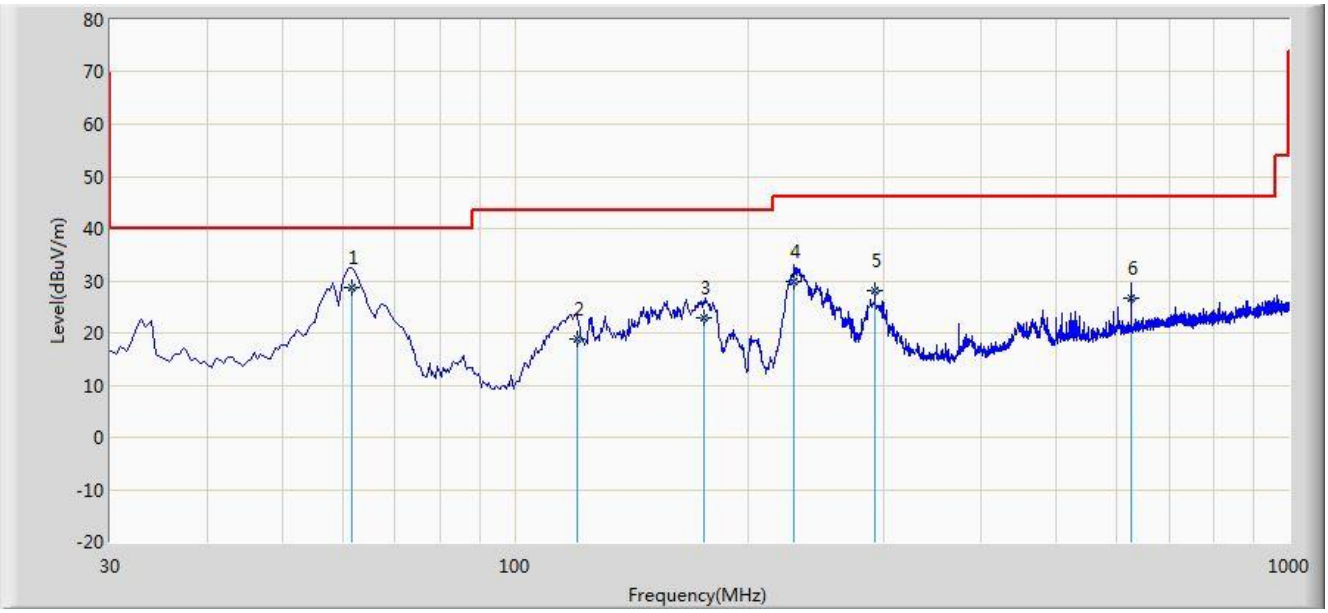


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			59.152	21.944	8.526	-18.056	40.000	13.418	QP
2			125.415	15.994	2.526	-27.506	43.500	13.468	QP
3		*	188.526	29.319	17.523	-14.181	43.500	11.796	QP
4			230.415	30.926	18.415	-15.074	46.000	12.511	QP
5			297.485	27.757	13.520	-18.243	46.000	14.236	QP
6			385.052	21.955	5.749	-24.045	46.000	16.206	QP

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/12/03 - 16:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Note: There is the worst case within frequency range 30MHz~1GHz.	

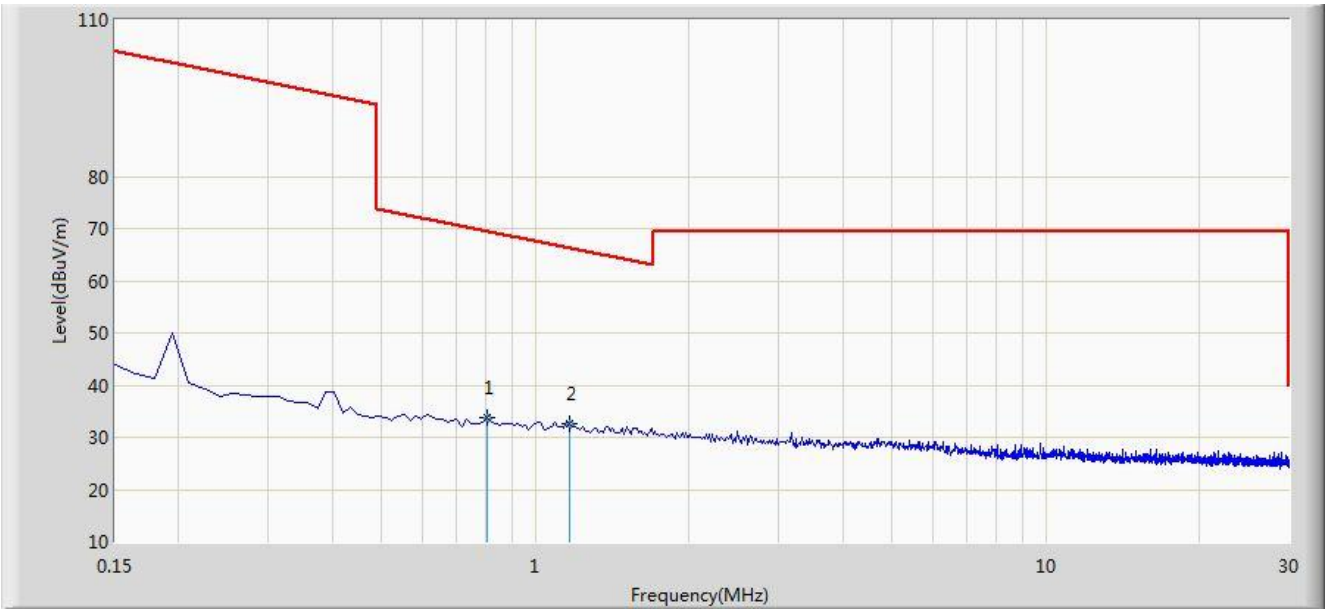


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	61.528	28.604	15.526	-11.396	40.000	13.079	QP
2			120.415	18.778	5.630	-24.722	43.500	13.148	QP
3			175.825	22.992	9.563	-20.508	43.500	13.429	QP
4			229.345	29.884	17.415	-16.116	46.000	12.468	QP
5			292.415	28.216	14.120	-17.784	46.000	14.096	QP
6			625.745	26.557	5.523	-19.443	46.000	21.034	QP

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/12/01 - 18:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: FMZB1519_0.009-30MHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

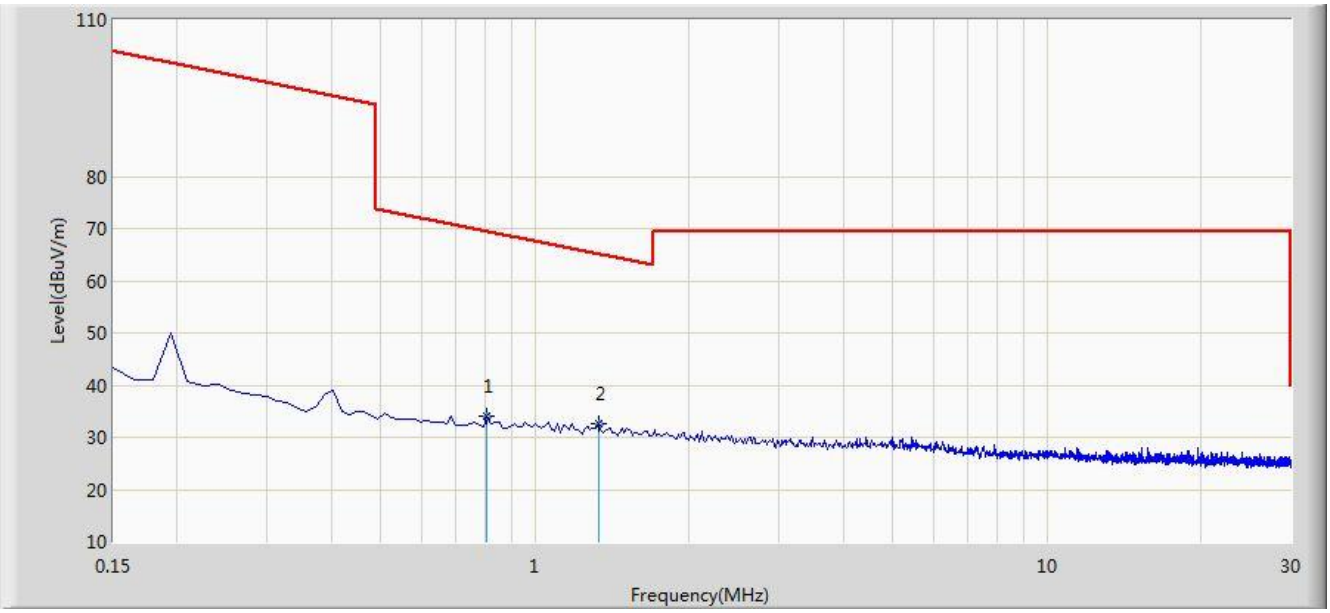


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.807	33.668	13.096	-35.810	69.479	20.572	QP
2		*	1.165	32.565	12.050	-33.734	66.299	20.515	QP

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/12/01 - 18:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: FMZB1519_0.009-30MHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

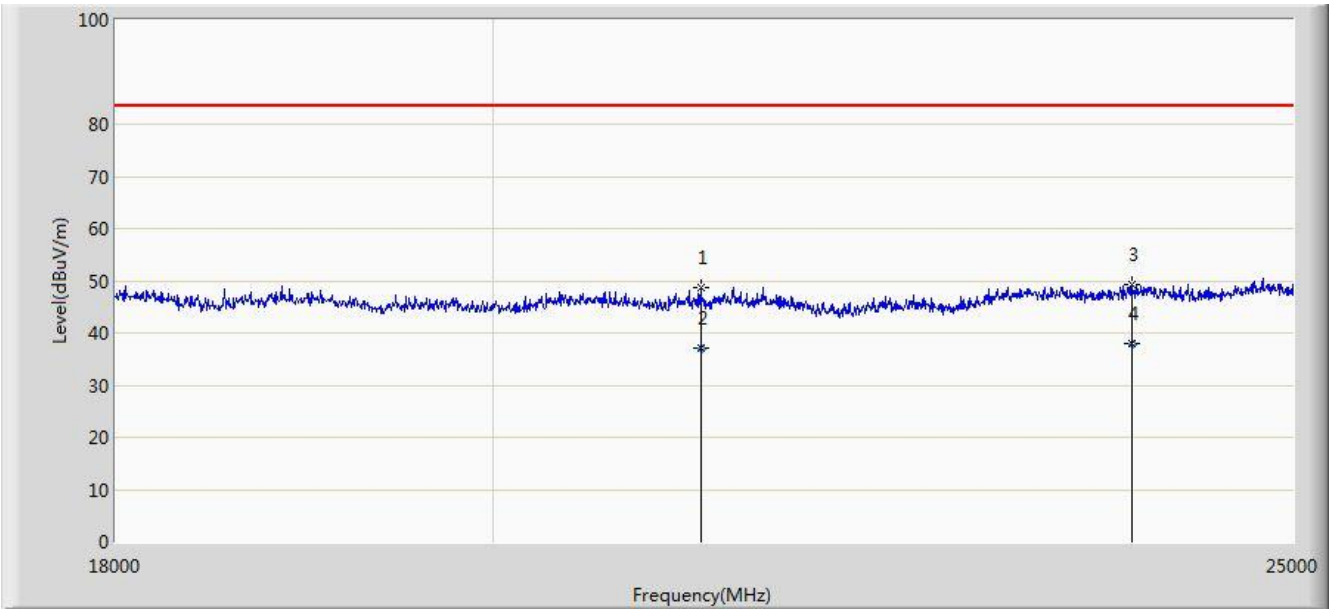


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.807	34.000	13.428	-35.478	69.479	20.572	QP
2		*	1.329	32.627	12.133	-32.531	65.158	20.494	QP

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/12/03 - 14:34
Limit: FCC_Part15.407_RE(1m)	Engineer: Kevin Ke
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Note: There is the ambient noise within frequency range 18GHz~25GHz.	

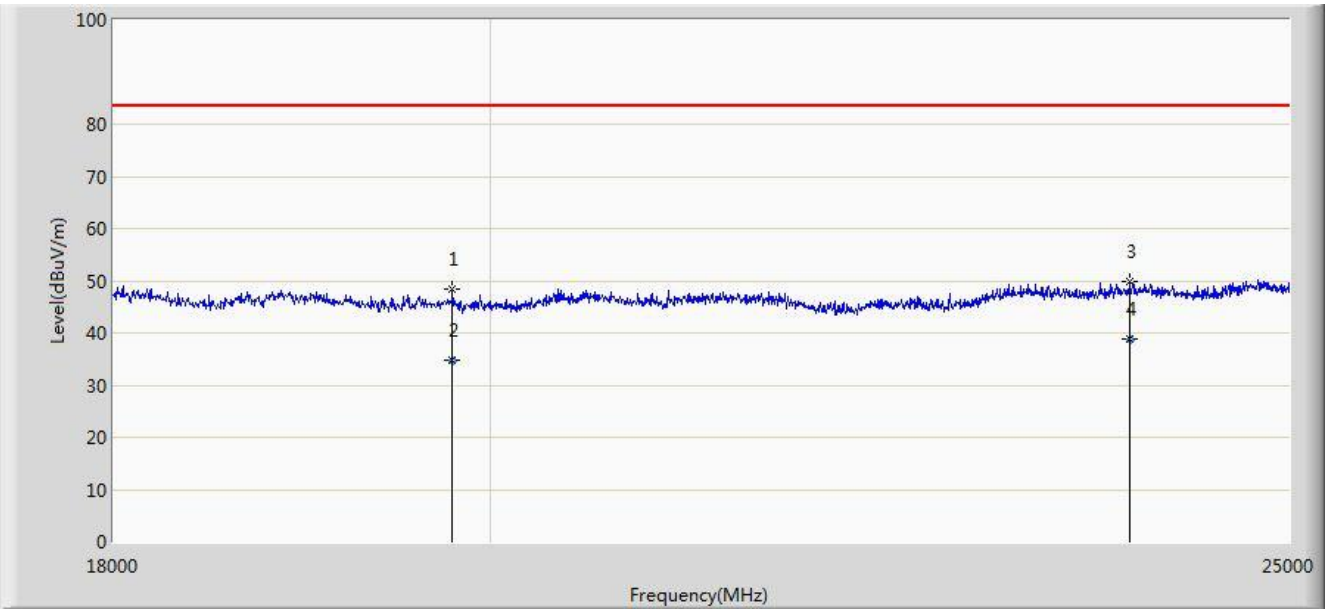


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			21191.750	48.648	41.004	-34.852	83.500	7.644	PK
2			21191.750	37.044	29.400	-26.456	63.500	7.644	AV
3		*	23907.500	49.256	39.019	-34.244	83.500	10.237	PK
4			23907.500	37.897	27.660	-25.603	63.500	10.237	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 14:36
Limit: FCC_Part15.407_RE(1m)	Engineer: Kevin Ke
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Note: There is the ambient noise within frequency range 18GHz~25GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			19789.250	48.432	40.580	-35.068	83.500	7.852	PK
2			19789.250	34.792	26.940	-28.708	63.500	7.852	AV
3		*	23916.000	49.853	39.620	-33.647	83.500	10.232	PK
4			23916.000	38.733	28.500	-24.767	63.500	10.232	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

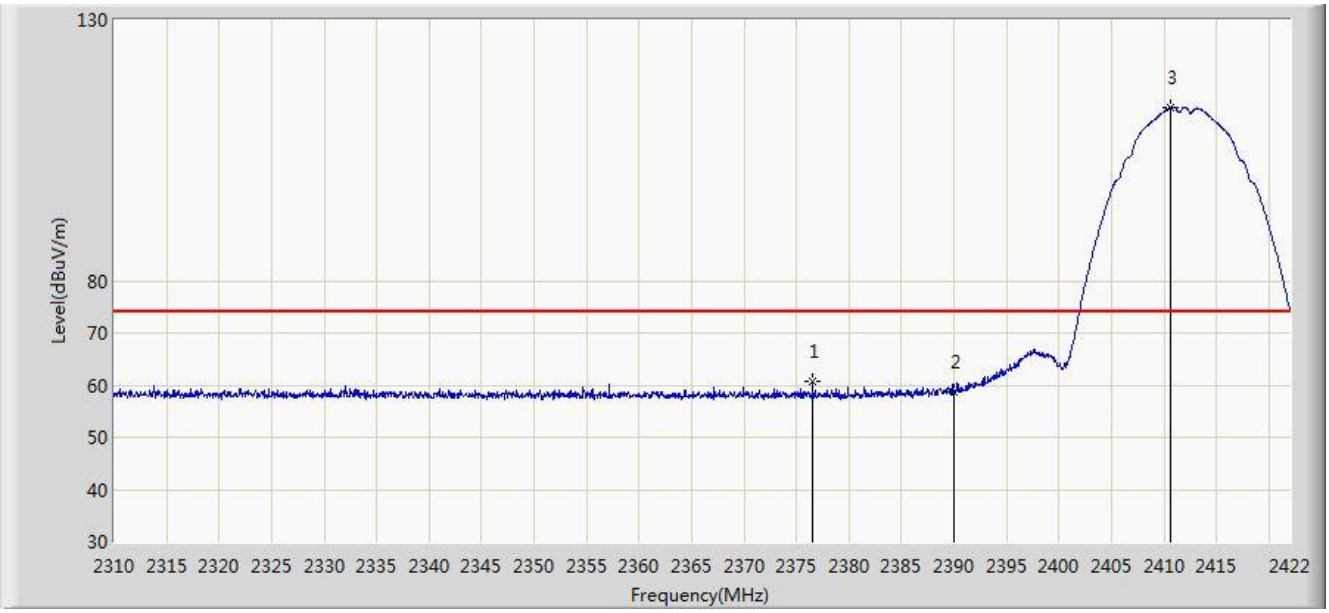
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

7.7. Radiated Restricted Band Edge Measurement

7.7.1.Test Result

FPMI2458-DP4RPSMA Antenna Test Result

Site: AC1	Time: 2016/08/14 - 11:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 0	

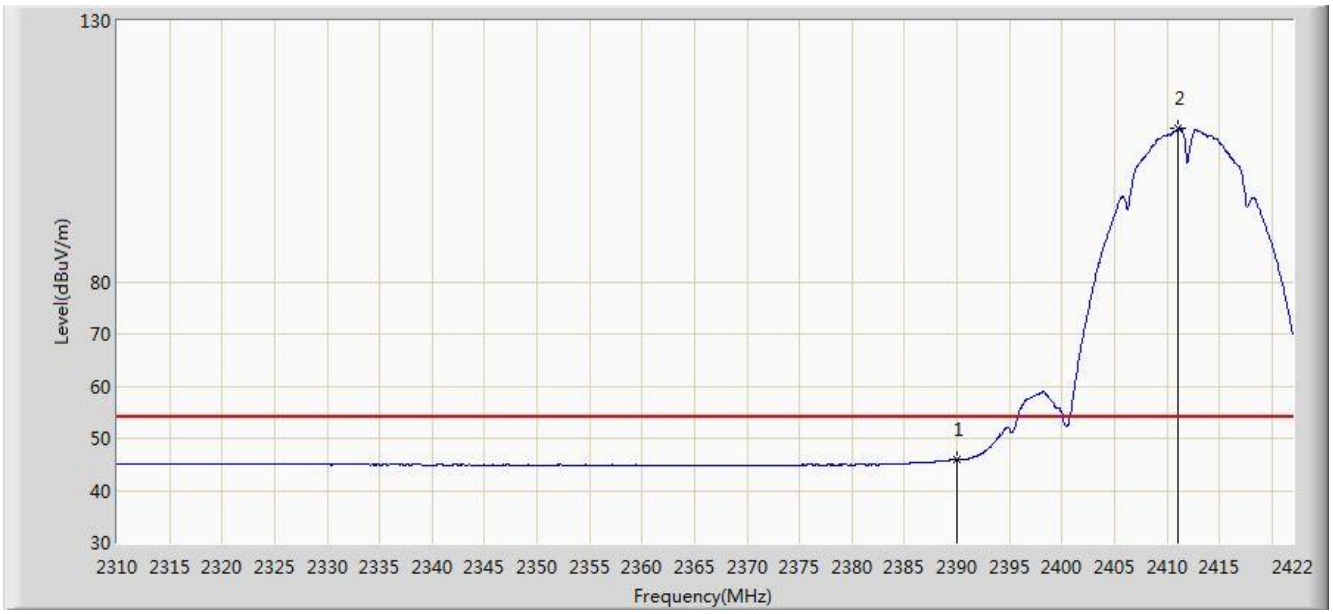


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2376.528	60.598	28.025	-13.402	74.000	32.573	PK
2			2390.000	58.774	26.220	-15.226	74.000	32.554	PK
3		*	2410.632	113.179	80.652	N/A	N/A	32.527	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 0	

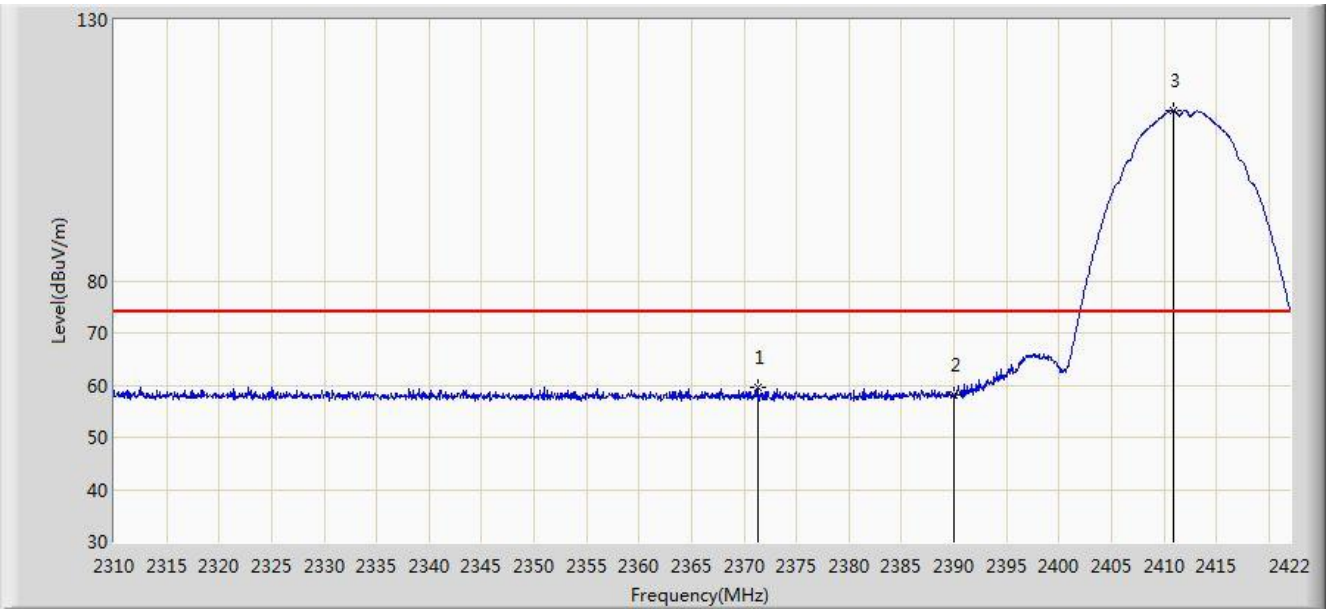


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.892	13.338	-8.108	54.000	32.554	AV
2		*	2411.080	109.363	76.836	N/A	N/A	32.527	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 0	

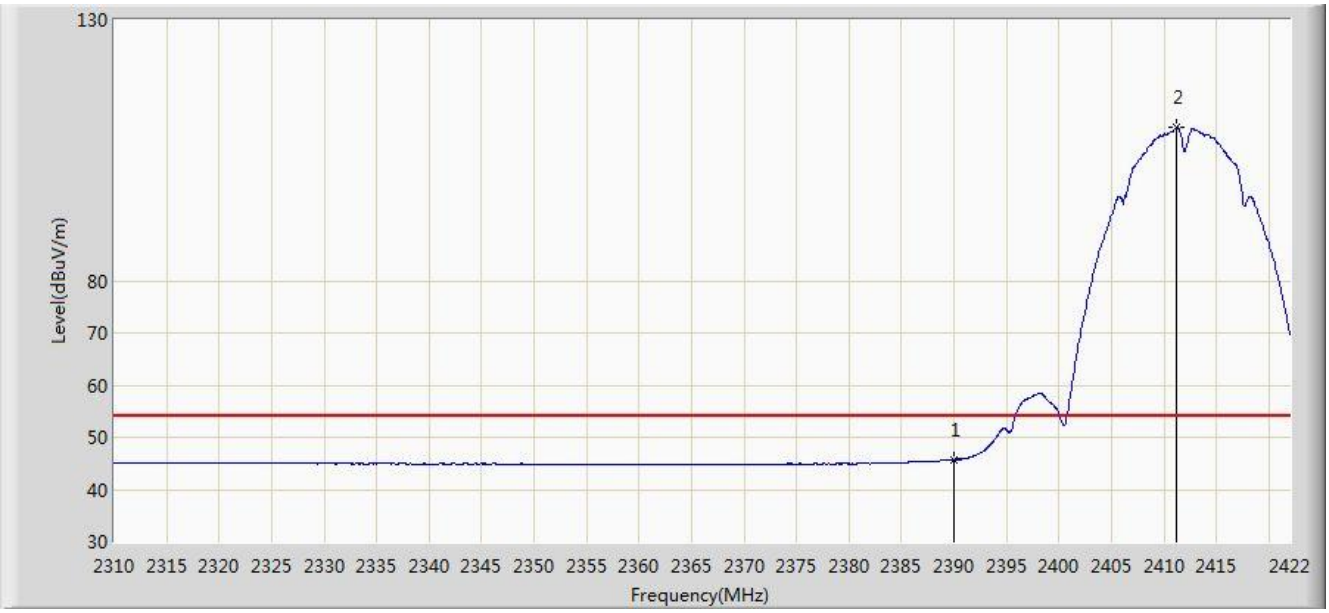


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2371.376	59.430	26.850	-14.570	74.000	32.581	PK
2			2390.000	58.186	25.632	-15.814	74.000	32.554	PK
3		*	2410.968	112.563	80.036	N/A	N/A	32.527	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 0	

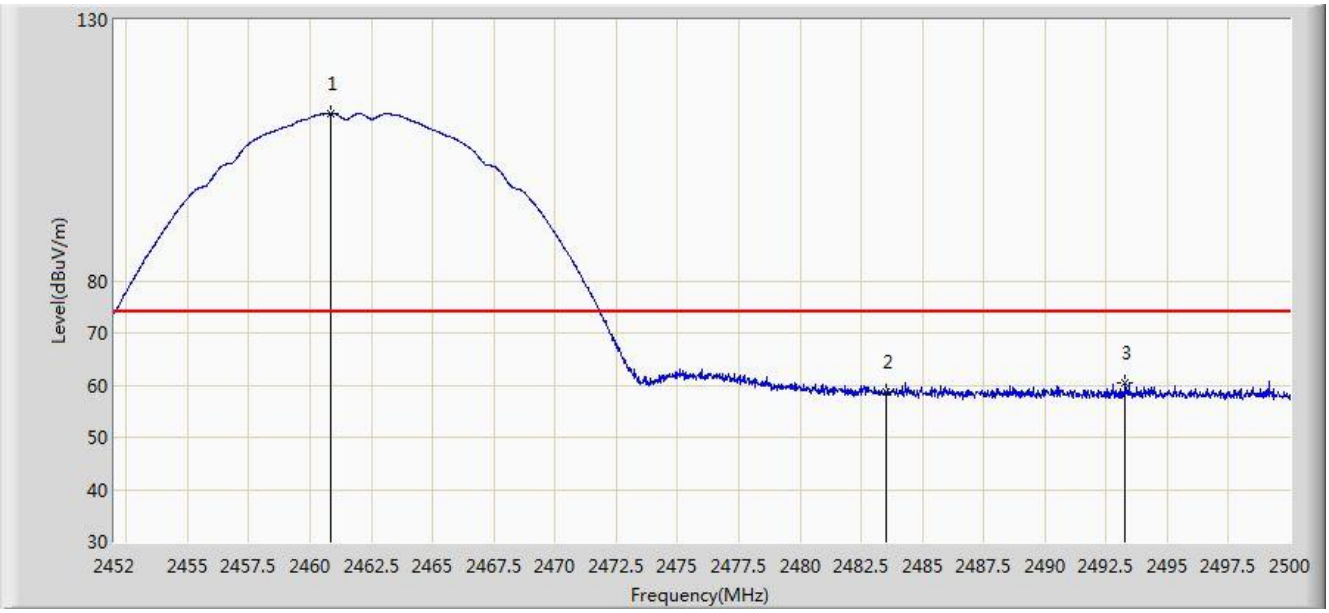


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.747	13.193	-8.253	54.000	32.554	AV
2		*	2411.248	109.350	76.823	N/A	N/A	32.526	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.856	112.001	79.487	N/A	N/A	32.514	PK
2			2483.500	58.776	26.195	-15.224	74.000	32.580	PK
3			2493.280	60.408	27.798	-13.592	74.000	32.610	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

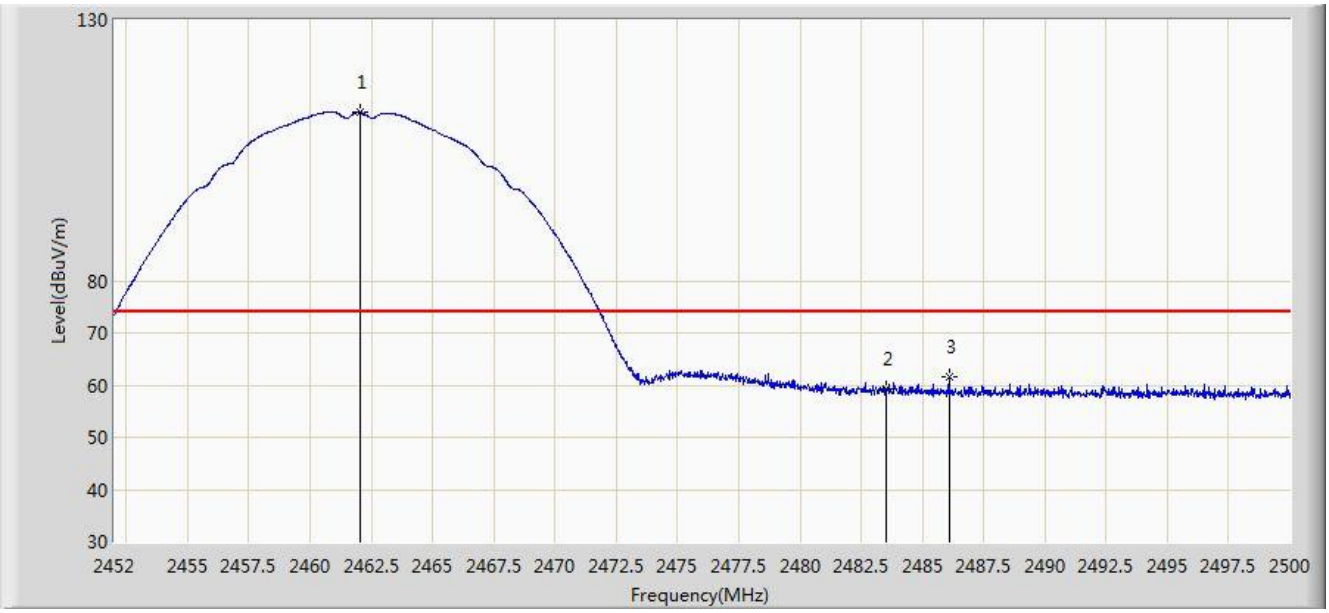
Site: AC1	Time: 2016/08/14 - 11:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.312	108.506	75.991	N/A	N/A	32.516	AV
2			2483.500	46.574	13.993	-7.426	54.000	32.580	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.056	112.245	79.729	N/A	N/A	32.516	PK
2			2483.500	59.284	26.703	-14.716	74.000	32.580	PK
3			2486.080	61.499	28.911	-12.501	74.000	32.588	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

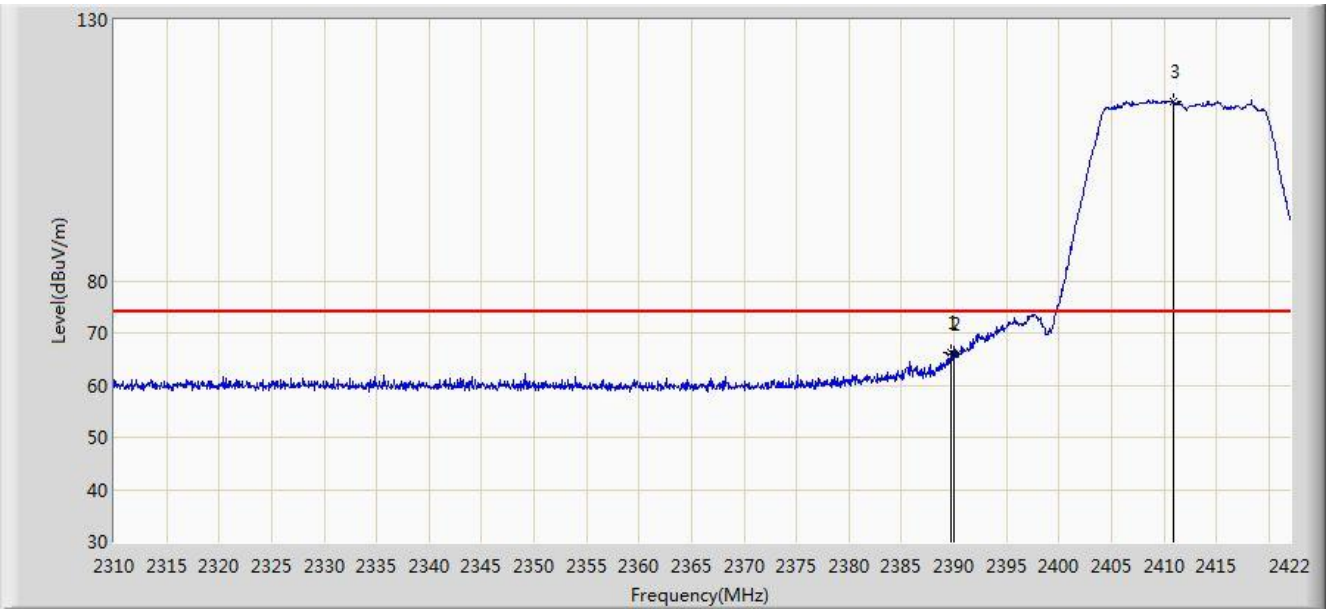
Site: AC1	Time: 2016/08/14 - 11:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.384	108.766	76.251	N/A	N/A	32.516	AV
2			2483.500	46.591	14.010	-7.409	54.000	32.580	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0	

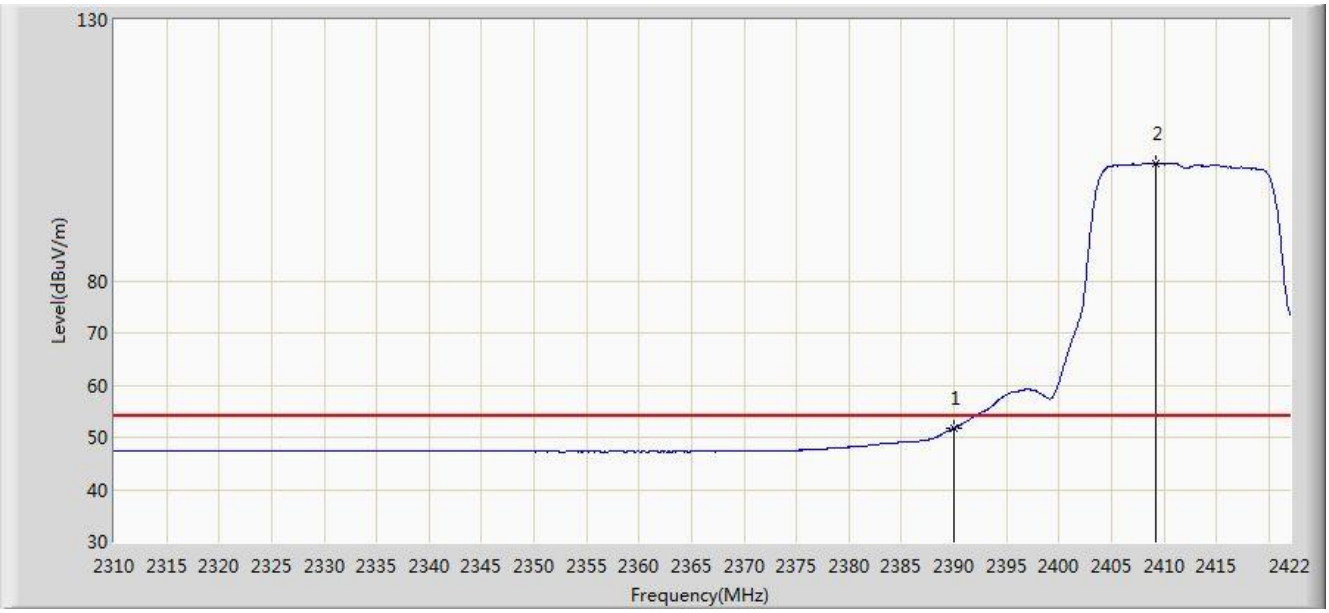


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.744	66.229	33.674	-7.771	74.000	32.555	PK
2			2390.000	65.927	33.373	-8.073	74.000	32.554	PK
3		*	2410.912	114.432	81.905	N/A	N/A	32.527	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0	

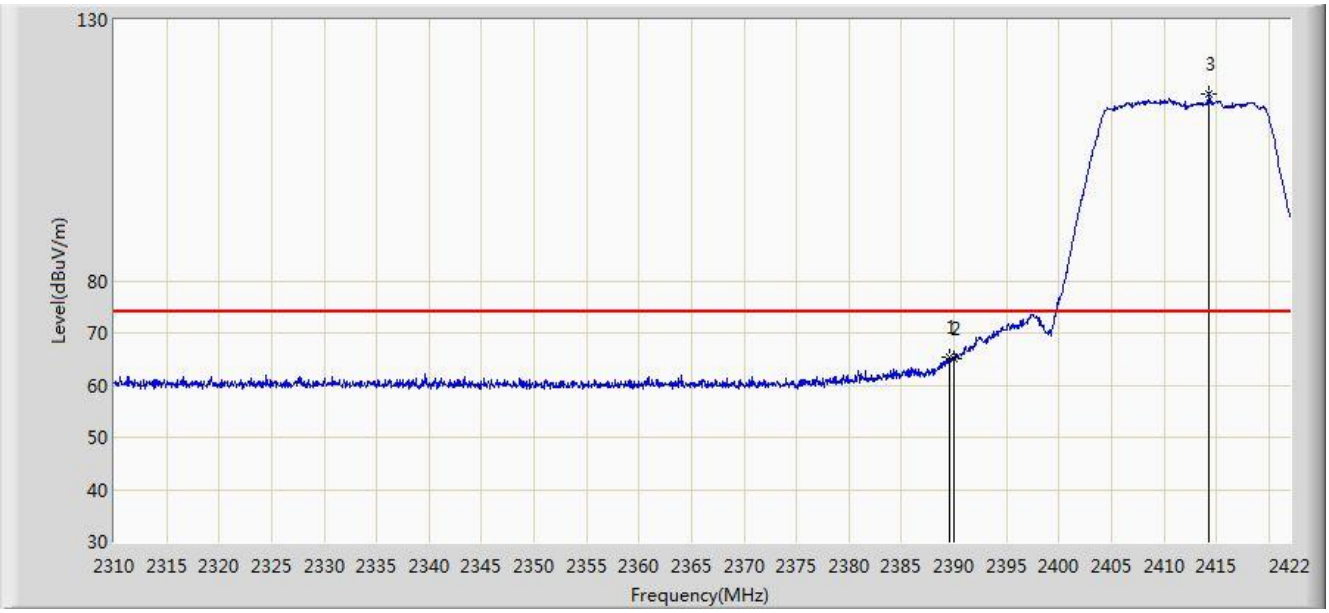


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.751	19.197	-2.249	54.000	32.554	AV
2		*	2409.232	102.527	69.998	N/A	N/A	32.529	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0	

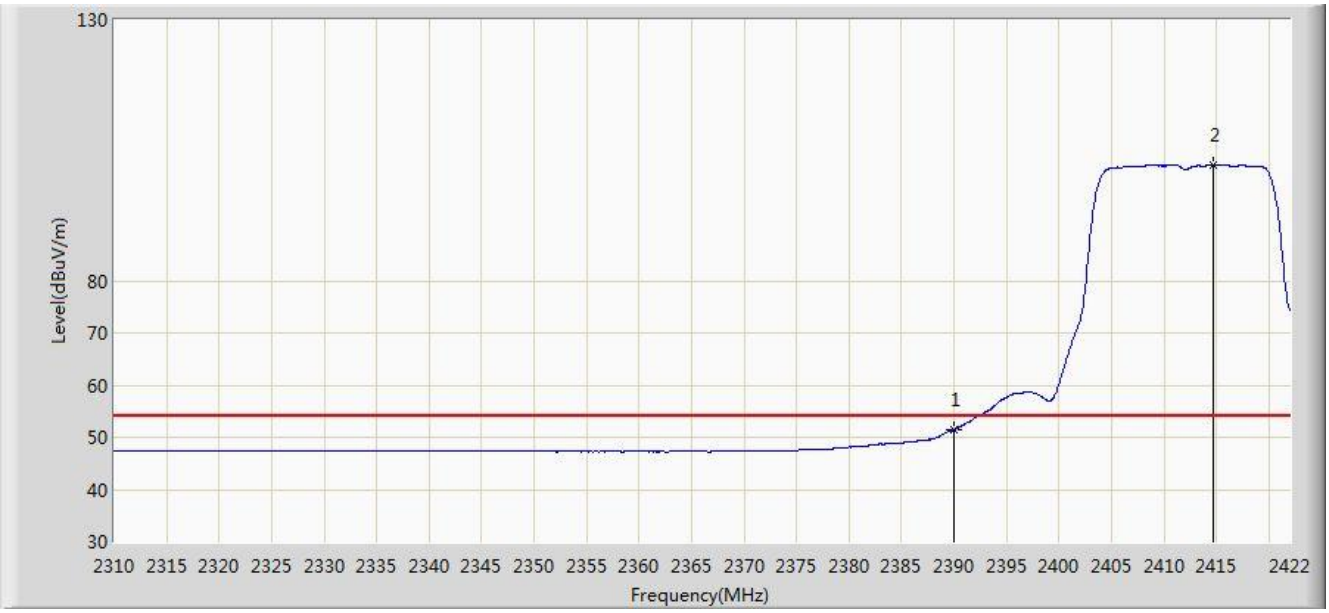


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.576	65.386	32.831	-8.614	74.000	32.555	PK
2			2390.000	64.943	32.389	-9.057	74.000	32.554	PK
3		*	2414.272	115.885	83.362	N/A	N/A	32.523	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0	

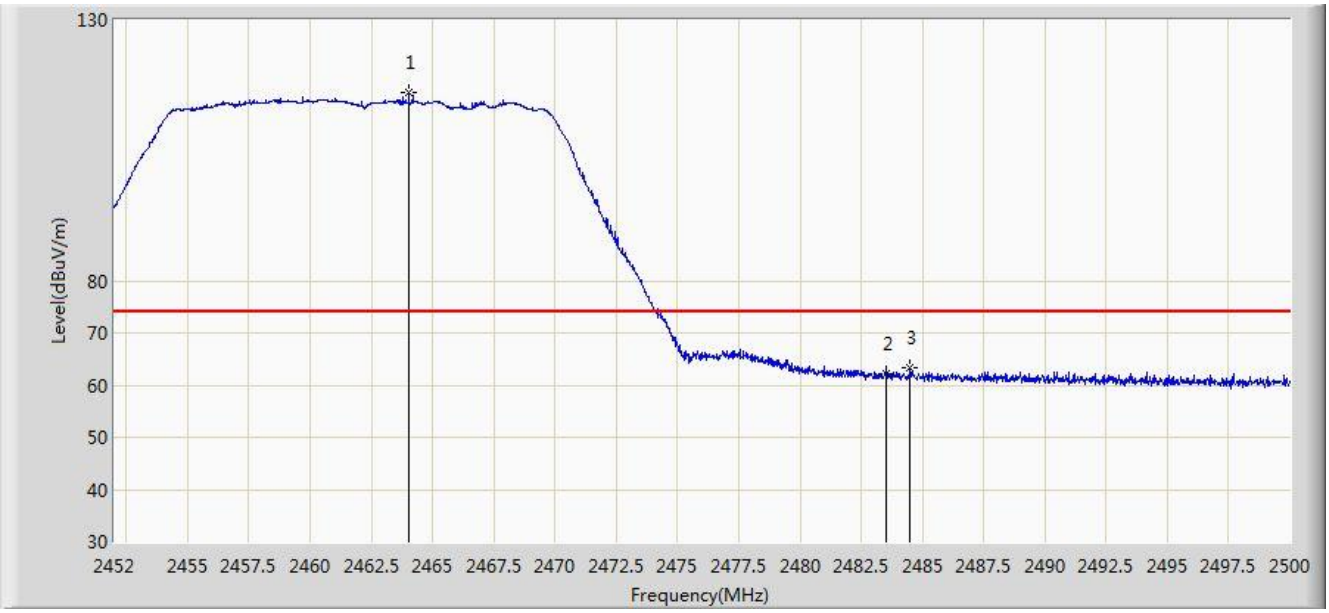


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.532	18.978	-2.468	54.000	32.554	AV
2		*	2414.720	102.210	69.688	N/A	N/A	32.522	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0	

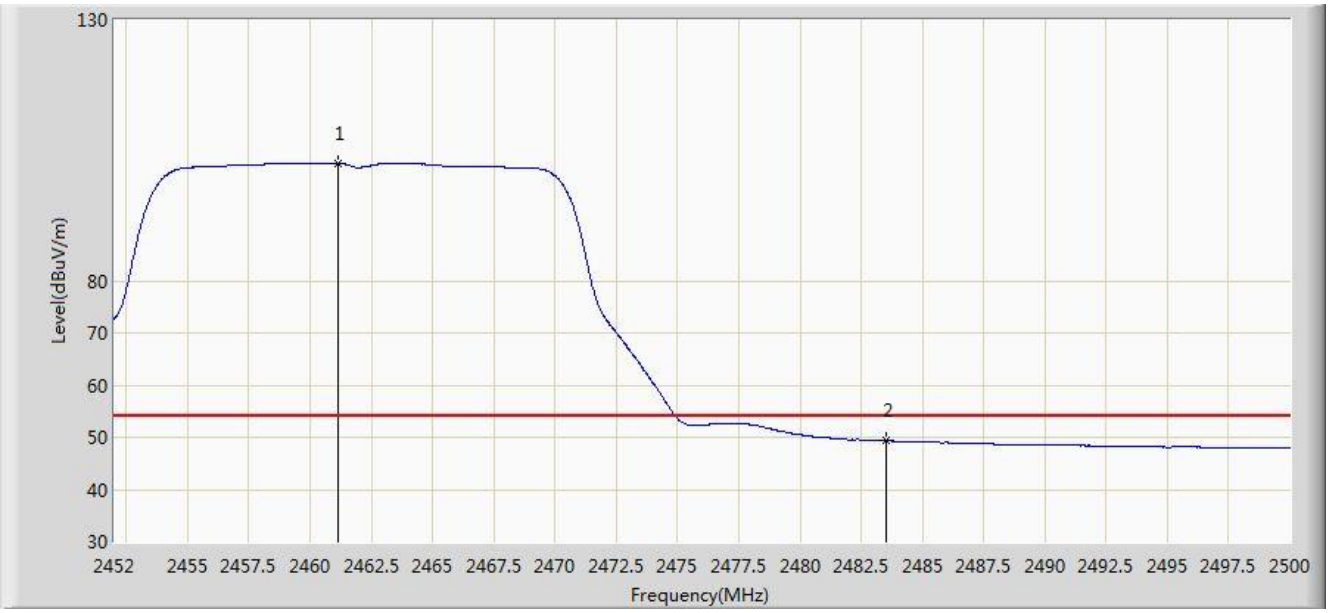


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.024	116.224	83.702	N/A	N/A	32.523	PK
2			2483.500	62.275	29.694	-11.725	74.000	32.580	PK
3			2484.496	63.225	30.641	-10.775	74.000	32.584	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0	

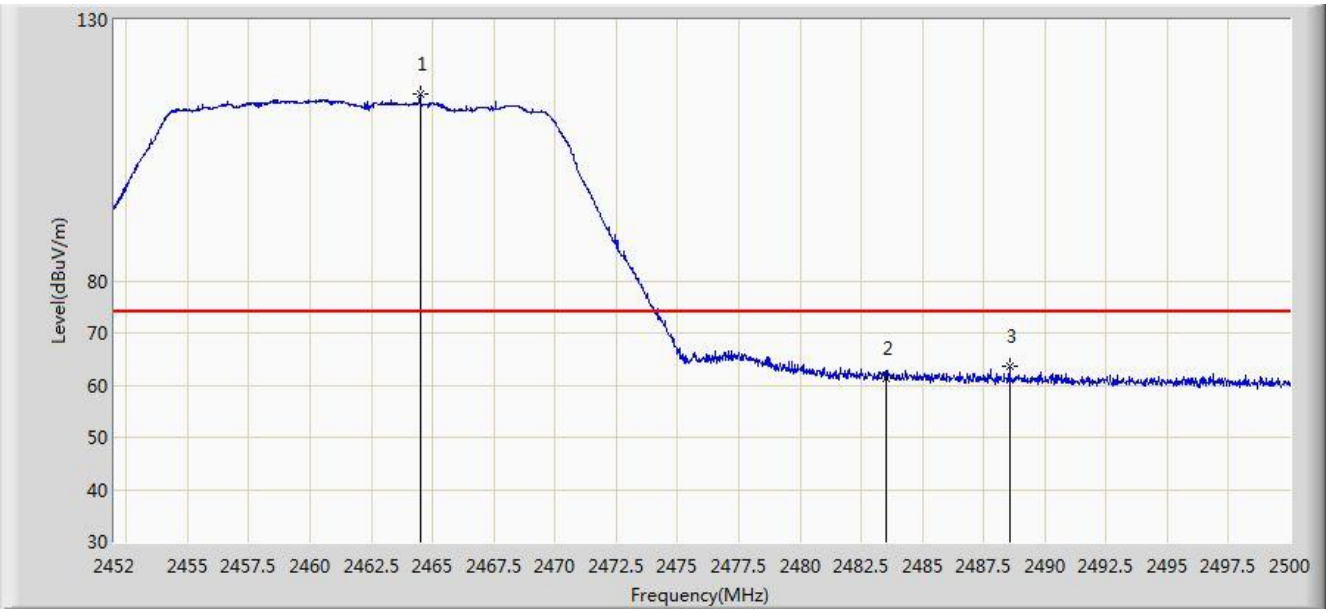


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.168	102.540	70.025	N/A	N/A	32.515	AV
2			2483.500	49.324	16.743	-4.676	54.000	32.580	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0	

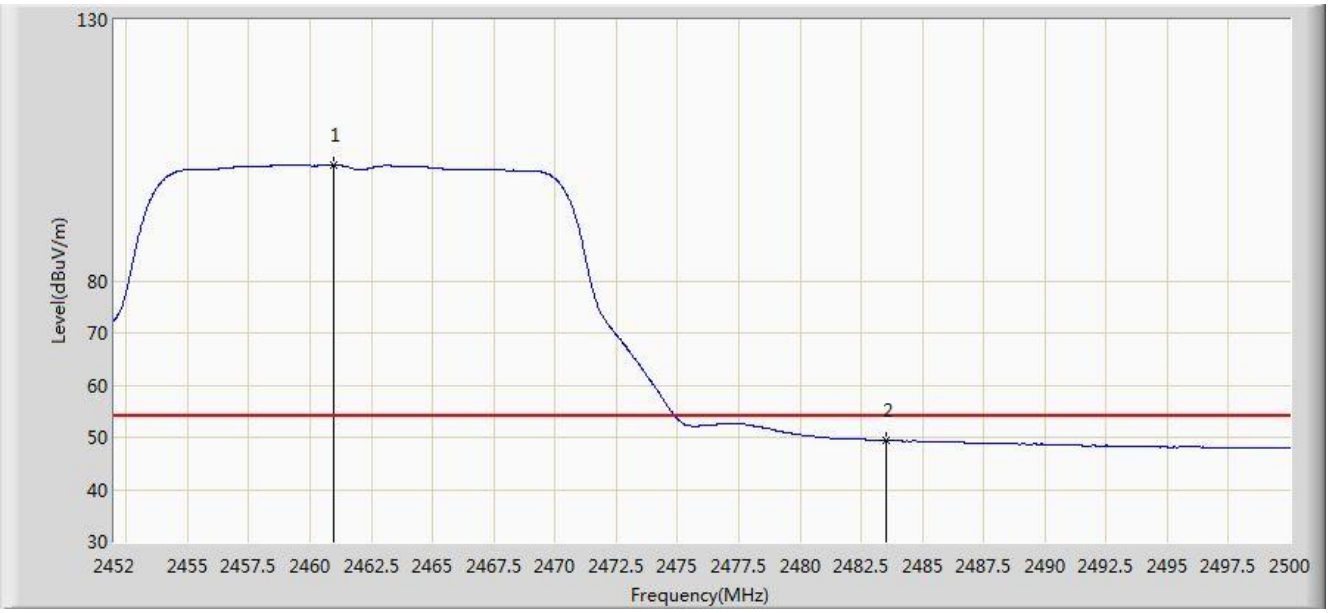


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.504	115.800	83.276	N/A	N/A	32.523	PK
2			2483.500	61.395	28.814	-12.605	74.000	32.580	PK
3			2488.552	63.551	30.955	-10.449	74.000	32.595	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0	

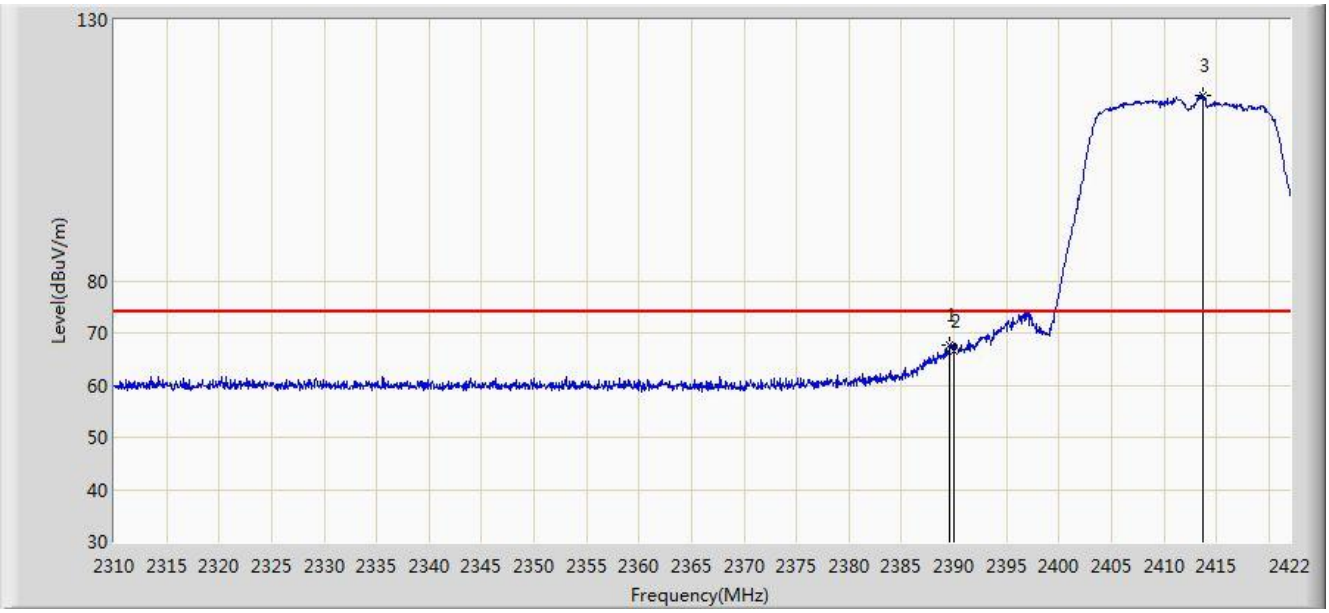


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.976	102.206	69.691	N/A	N/A	32.514	AV
2			2483.500	49.460	16.879	-4.540	54.000	32.580	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0	

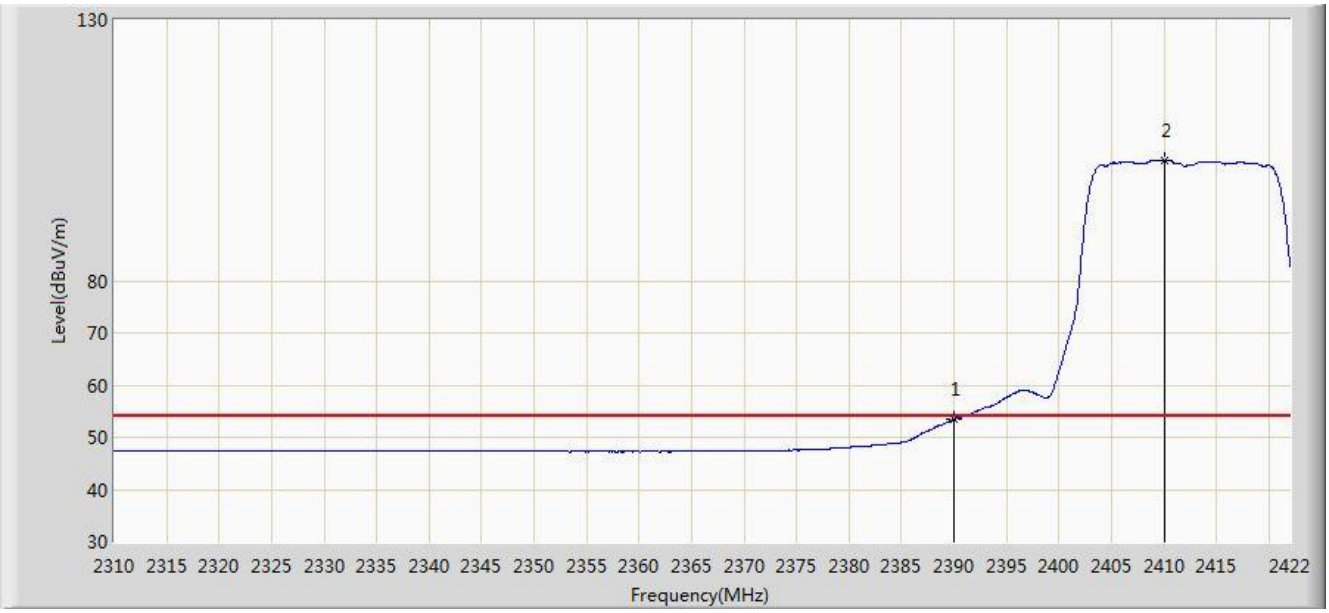


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.632	67.711	35.156	-6.289	74.000	32.555	PK
2			2390.000	66.666	34.112	-7.334	74.000	32.554	PK
3		*	2413.712	115.363	82.839	N/A	N/A	32.523	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0	

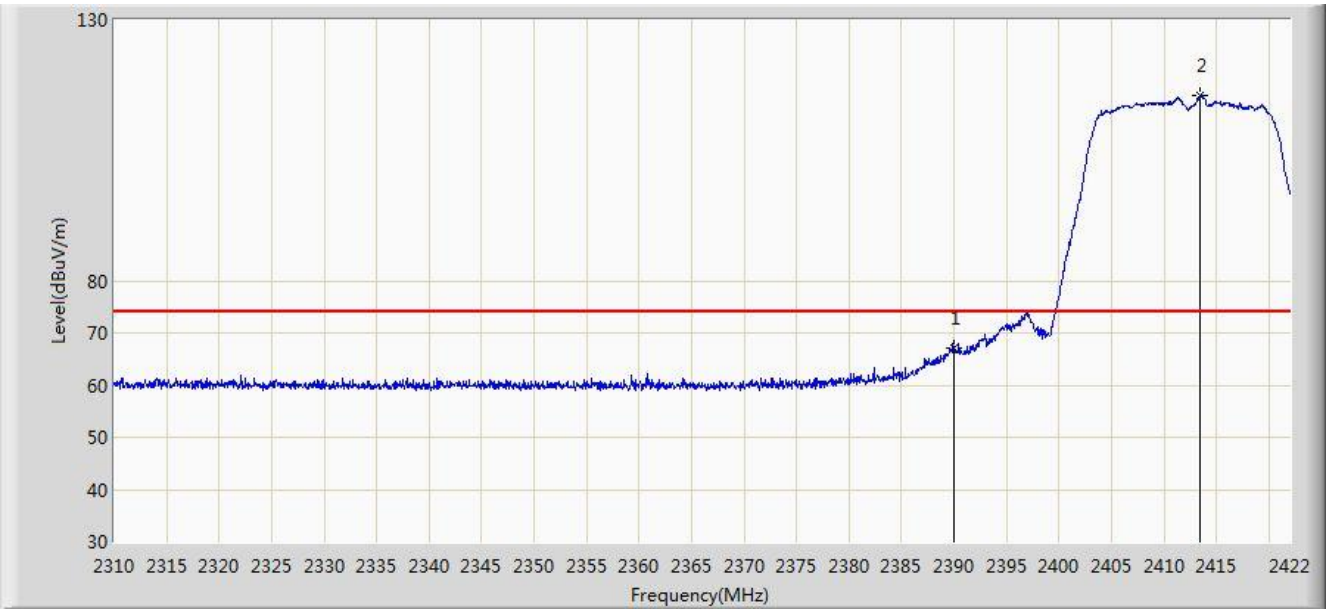


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.501	20.947	-0.499	54.000	32.554	AV
2		*	2410.072	102.960	70.432	N/A	N/A	32.528	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0	

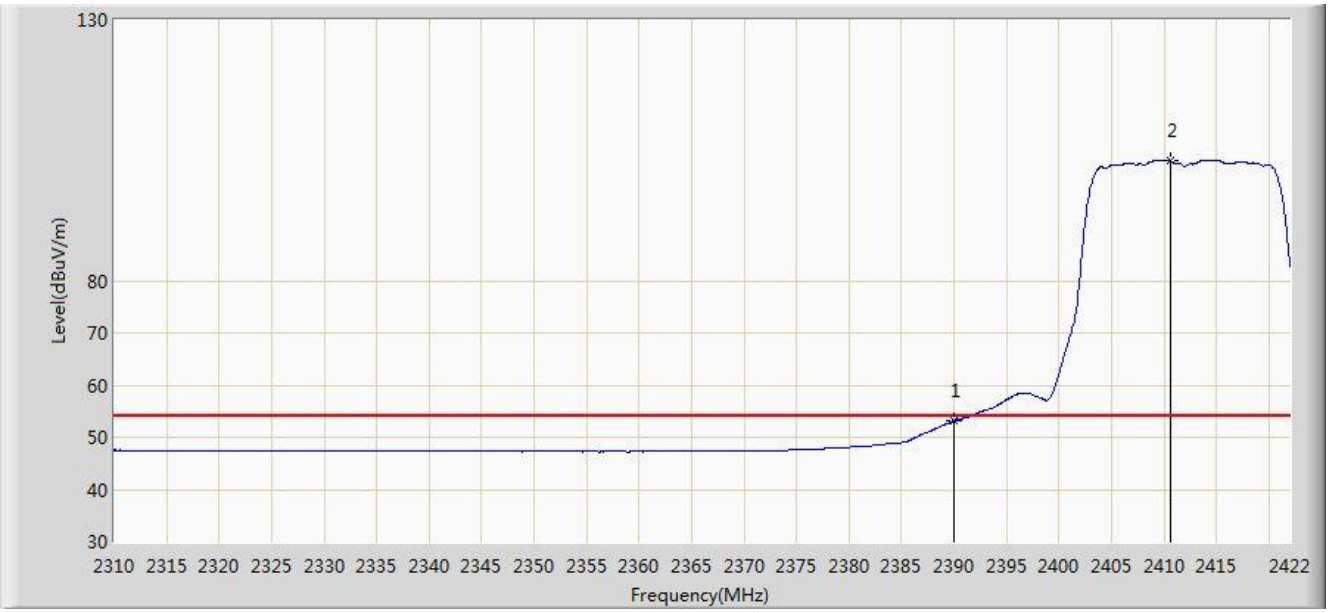


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	67.181	34.627	-6.819	74.000	32.554	PK
2		*	2413.432	115.389	82.865	N/A	N/A	32.524	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0	

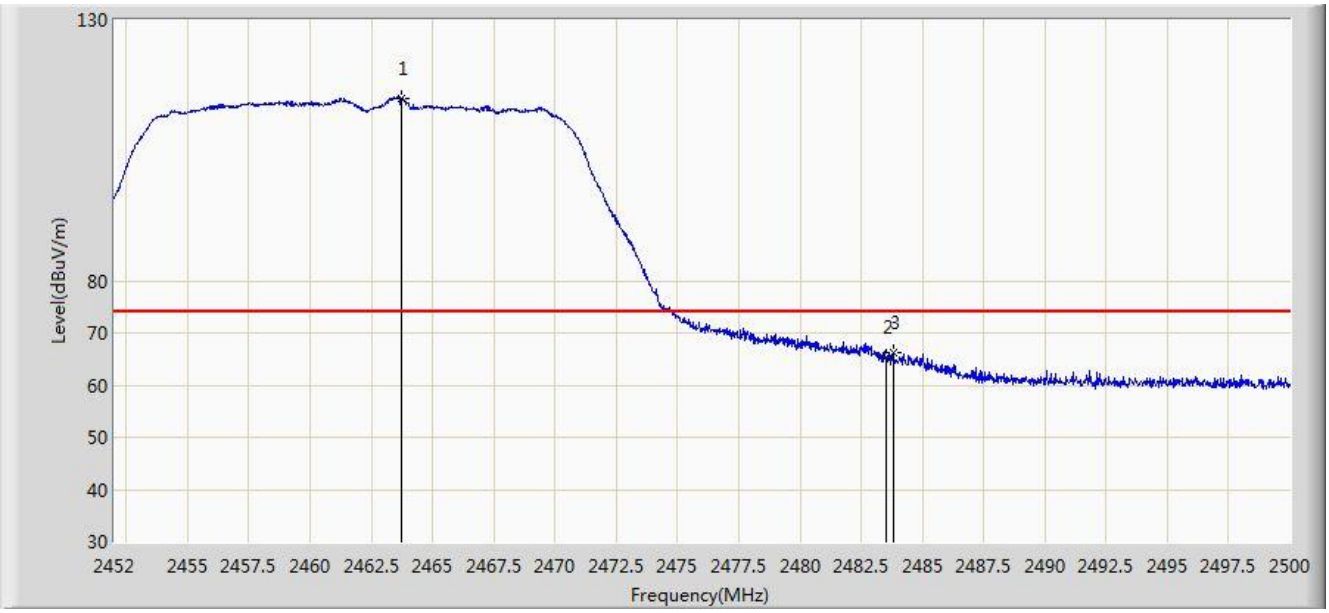


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.174	20.620	-0.826	54.000	32.554	AV
2		*	2410.632	102.922	70.395	N/A	N/A	32.527	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0	

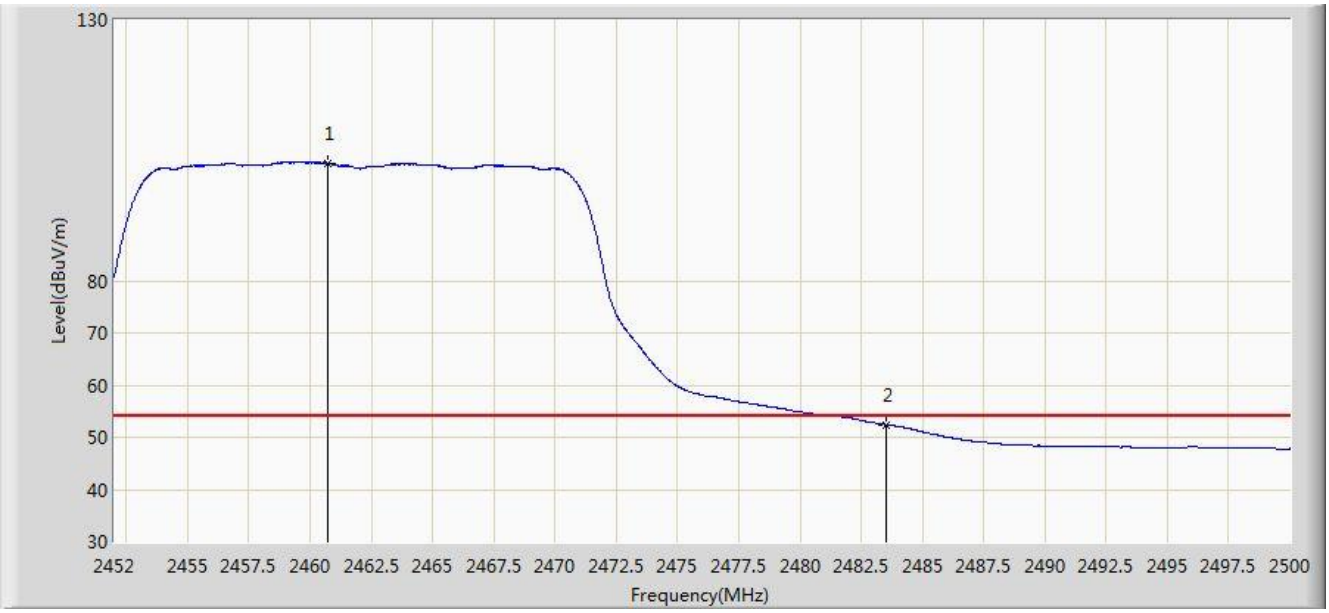


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.712	114.973	82.452	N/A	N/A	32.521	PK
2			2483.500	65.273	32.692	-8.727	74.000	32.580	PK
3			2483.800	66.195	33.614	-7.805	74.000	32.582	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0	

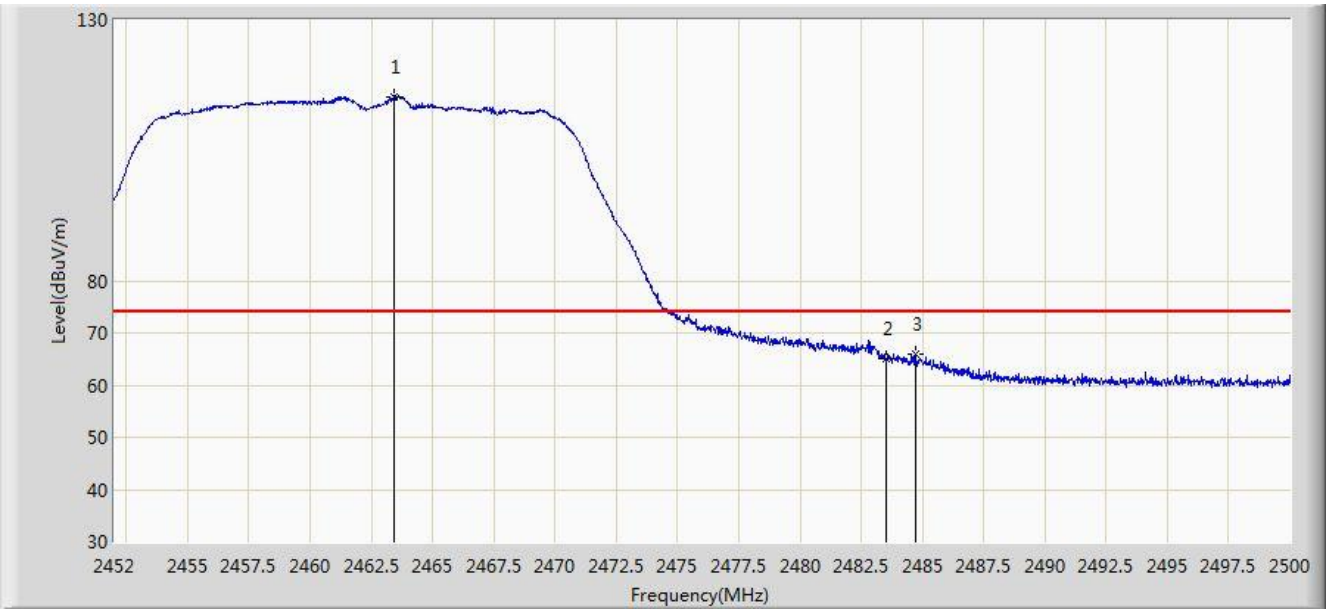


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.712	102.537	70.023	N/A	N/A	32.514	AV
2			2483.500	52.431	19.850	-1.569	54.000	32.580	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0	

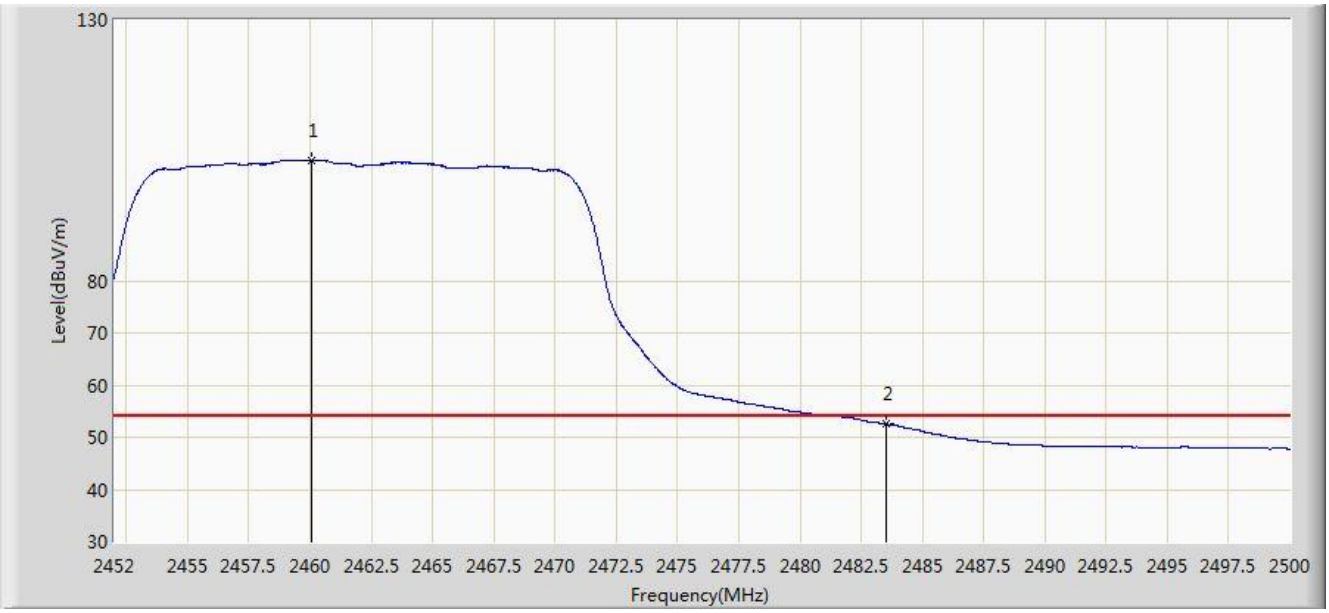


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.424	115.361	82.841	N/A	N/A	32.521	PK
2			2483.500	64.958	32.377	-9.042	74.000	32.580	PK
3			2484.712	65.805	33.221	-8.195	74.000	32.584	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0	

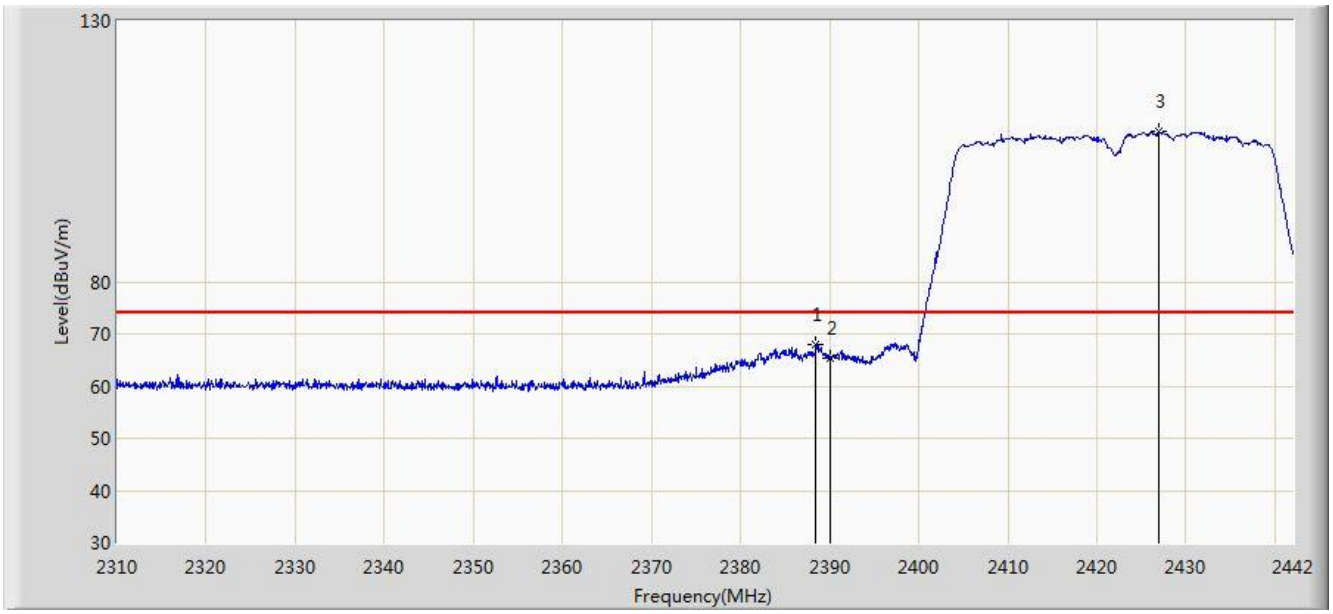


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.040	102.940	70.427	N/A	N/A	32.513	AV
2			2483.500	52.531	19.950	-1.469	54.000	32.580	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0	

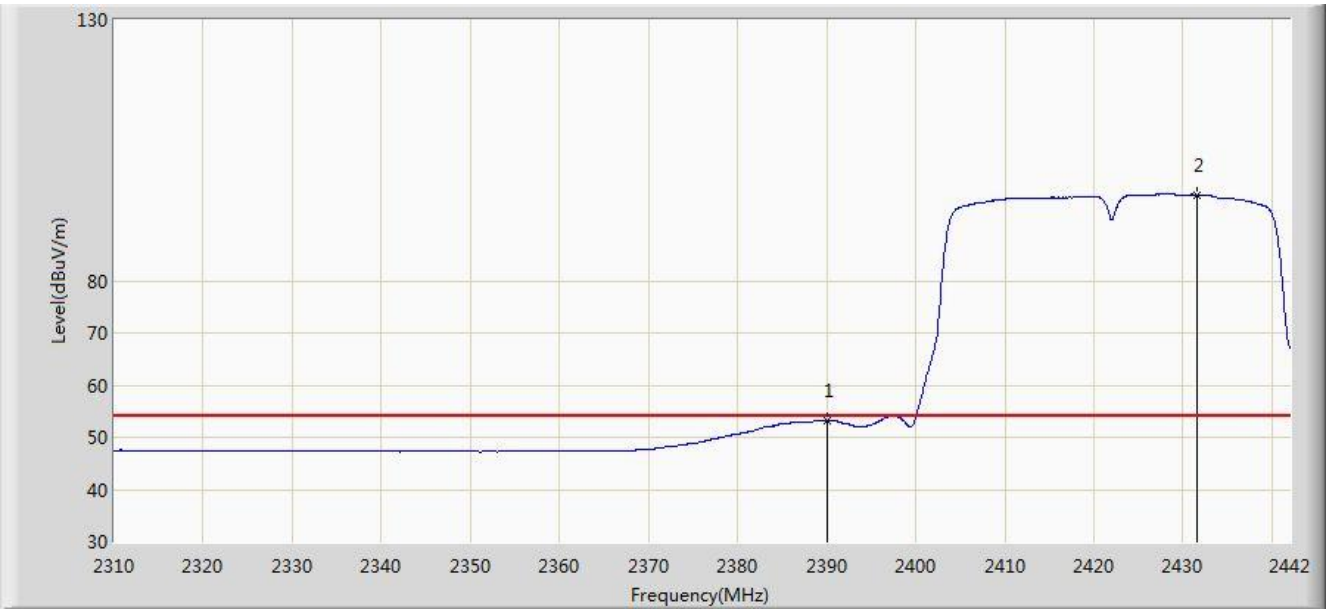


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.408	67.922	35.365	-6.078	74.000	32.556	PK
2			2390.000	65.266	32.712	-8.734	74.000	32.554	PK
3		*	2427.018	108.888	76.380	N/A	N/A	32.507	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0	

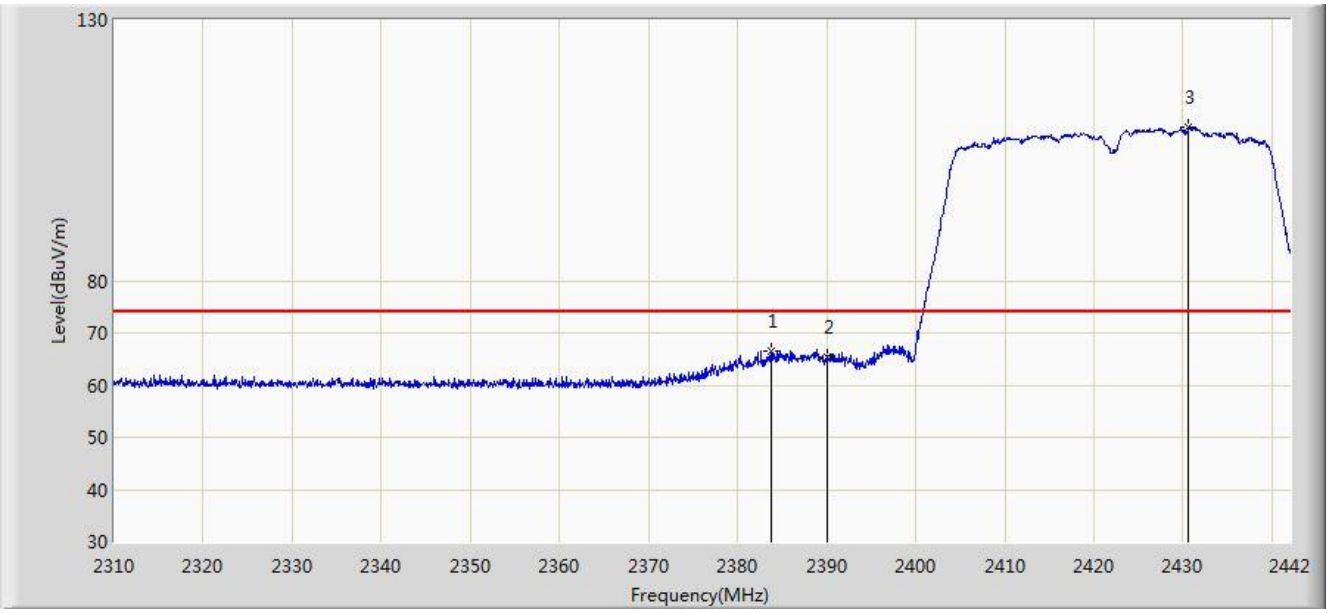


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.302	20.748	-0.698	54.000	32.554	AV
2		*	2431.638	96.440	63.938	N/A	N/A	32.502	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0	

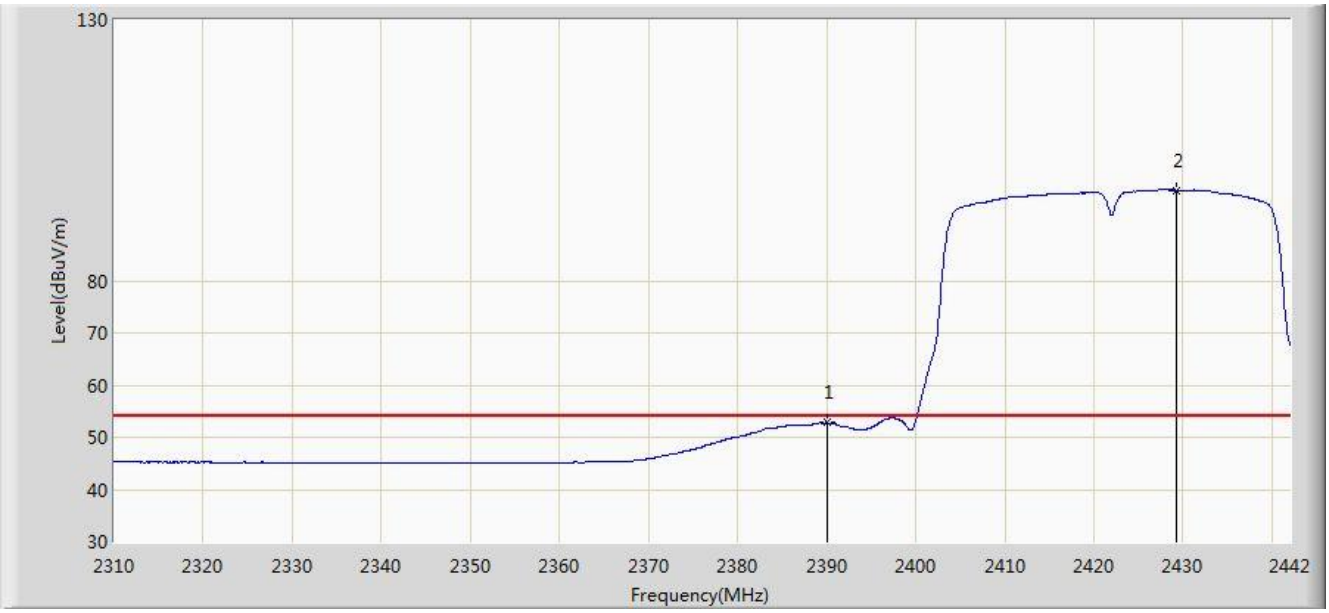


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2383.854	66.543	33.980	-7.457	74.000	32.563	PK
2			2390.000	65.277	32.723	-8.723	74.000	32.554	PK
3		*	2430.648	109.373	76.870	N/A	N/A	32.504	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0	

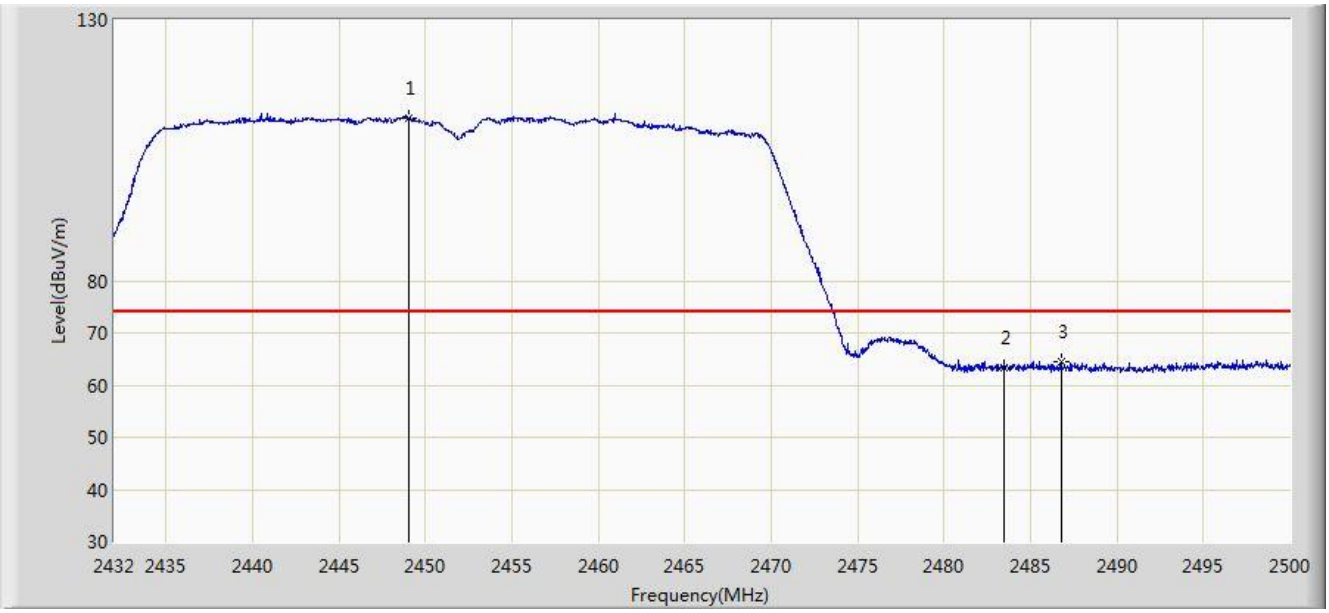


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.778	20.224	-1.222	54.000	32.554	AV
2		*	2429.196	97.359	64.854	N/A	N/A	32.505	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 11:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0	

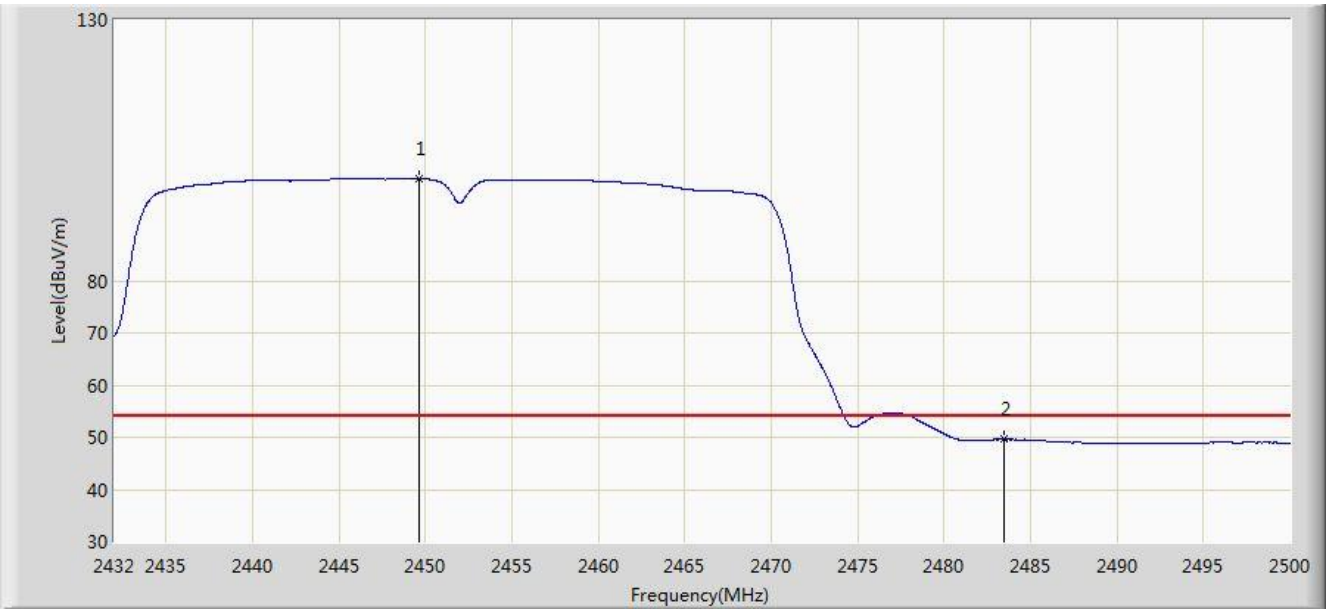


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2449.000	111.249	78.755	N/A	N/A	32.493	PK
2			2483.500	63.206	30.625	-10.794	74.000	32.580	PK
3			2486.774	64.562	31.972	-9.438	74.000	32.590	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 12:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0	

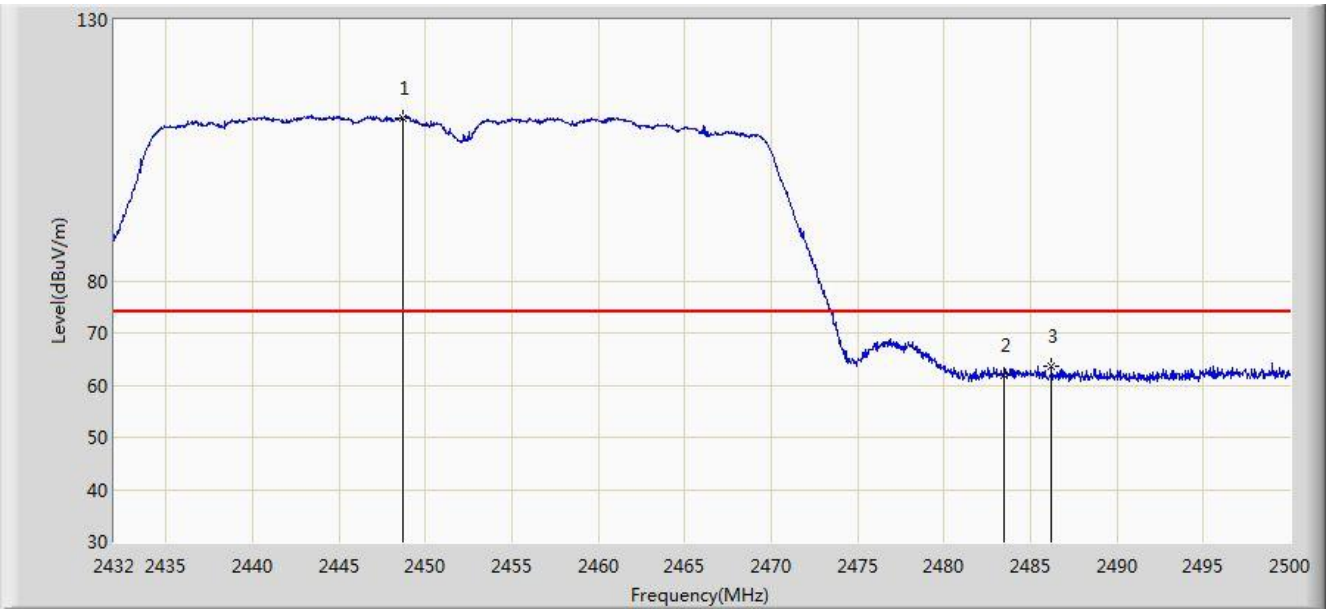


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2449.612	99.496	67.001	N/A	N/A	32.495	AV
2			2483.500	49.578	16.997	-4.422	54.000	32.580	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 12:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0	

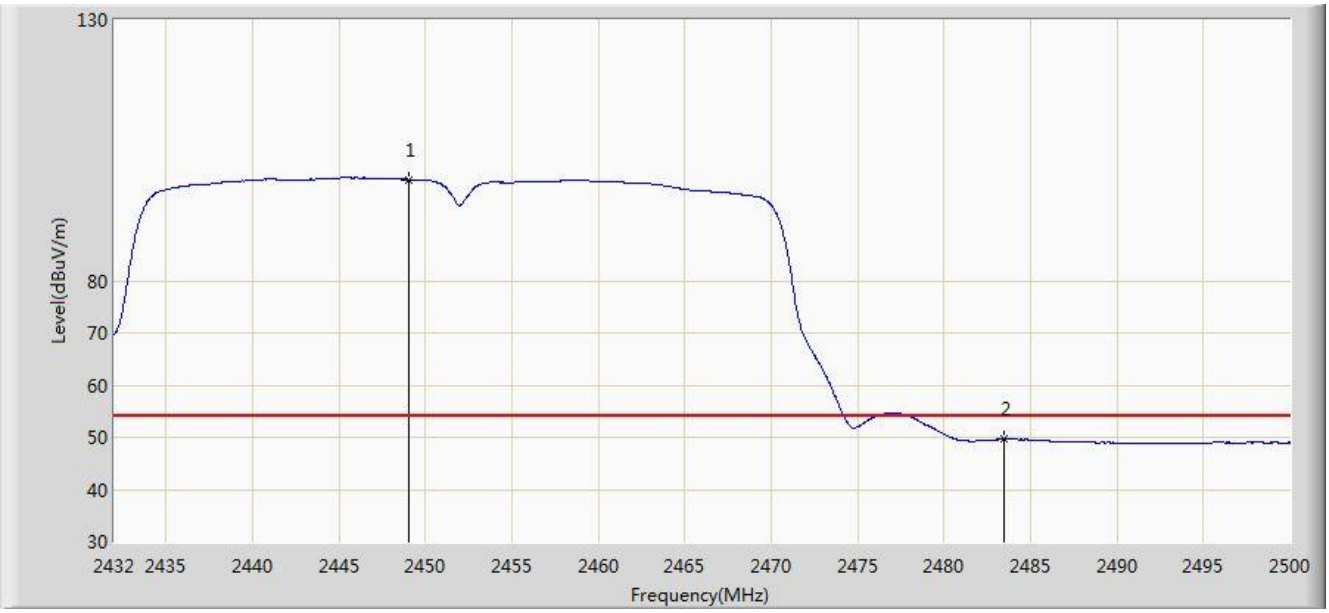


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2448.660	111.271	78.778	N/A	N/A	32.493	PK
2			2483.500	62.028	29.447	-11.972	74.000	32.580	PK
3			2486.230	63.589	31.000	-10.411	74.000	32.589	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 12:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0	

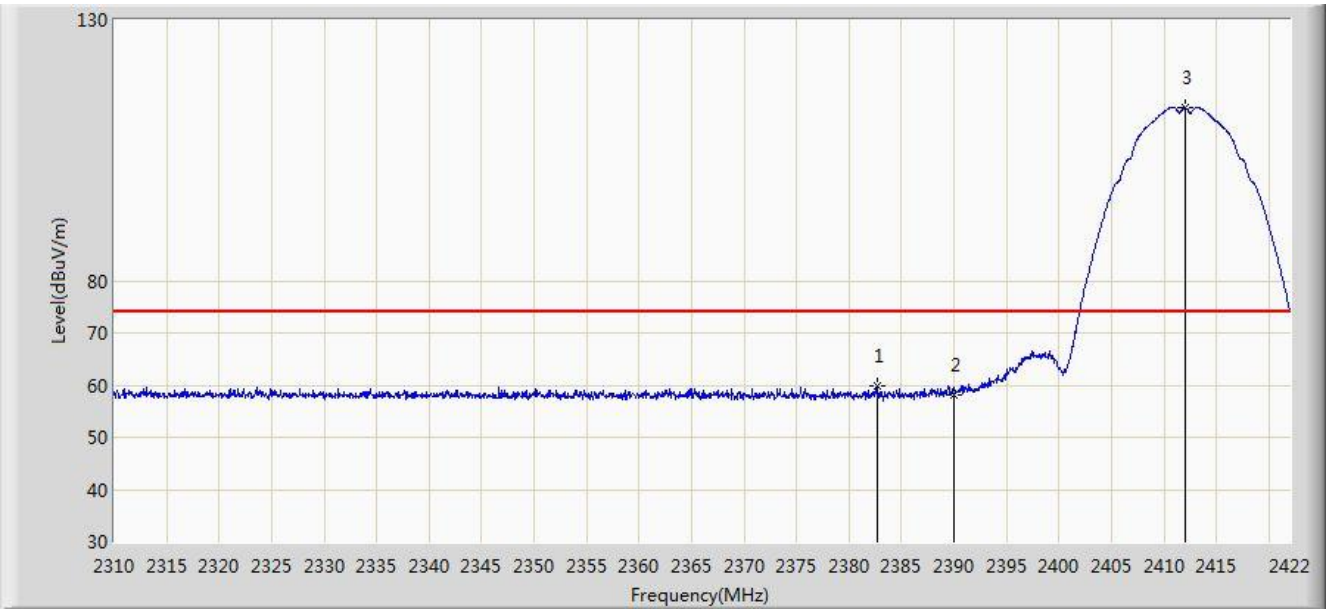


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2449.000	99.415	66.921	N/A	N/A	32.493	AV
2			2483.500	49.608	17.027	-4.392	54.000	32.580	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 12:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 1	

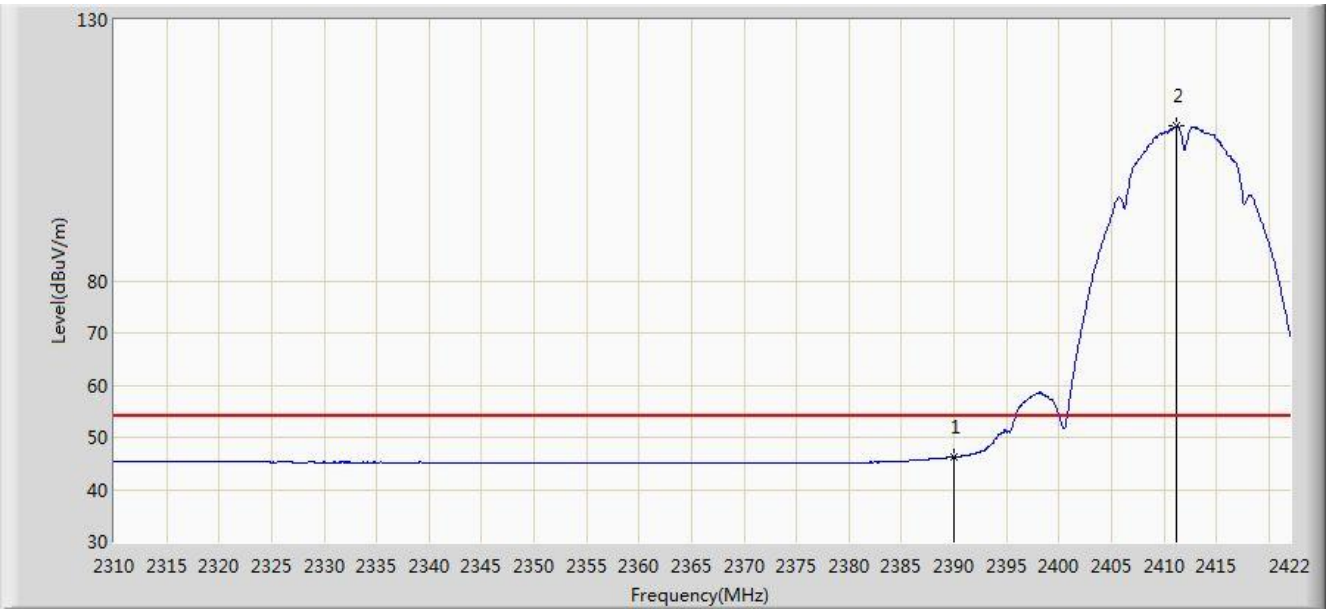


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2382.632	59.986	27.421	-14.014	74.000	32.564	PK
2			2390.000	58.000	25.446	-16.000	74.000	32.554	PK
3		*	2412.032	113.218	80.692	N/A	N/A	32.526	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 12:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 1	

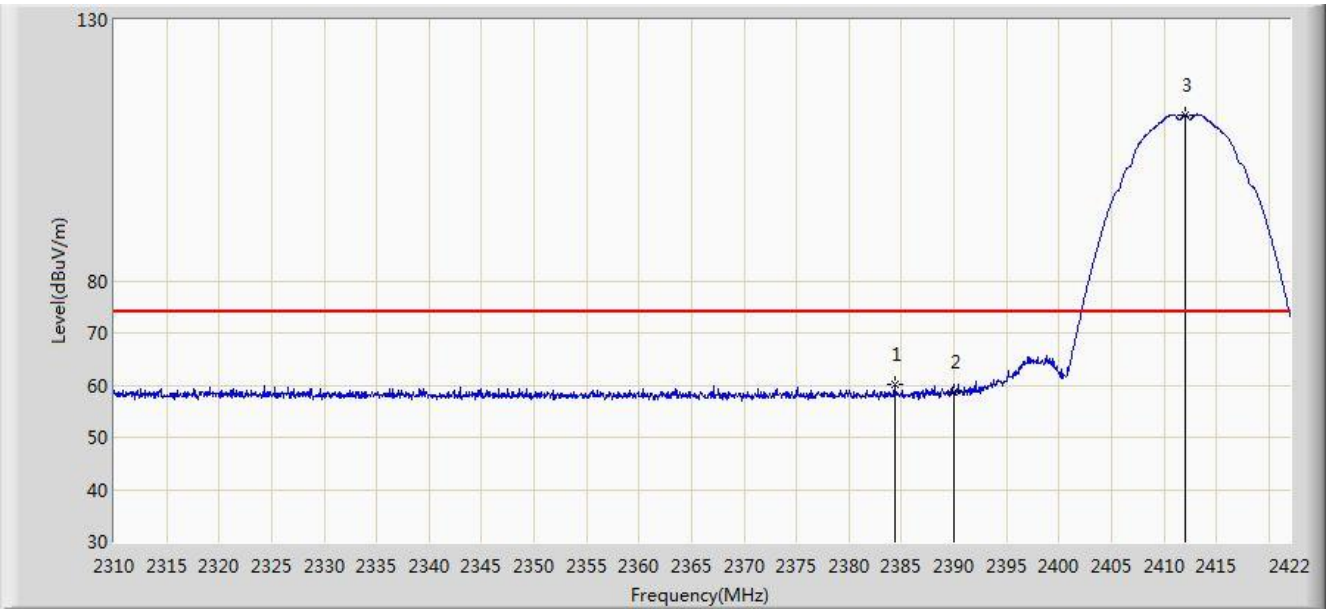


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.185	13.631	-7.815	54.000	32.554	AV
2		*	2411.192	109.751	77.224	N/A	N/A	32.527	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 12:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 1	

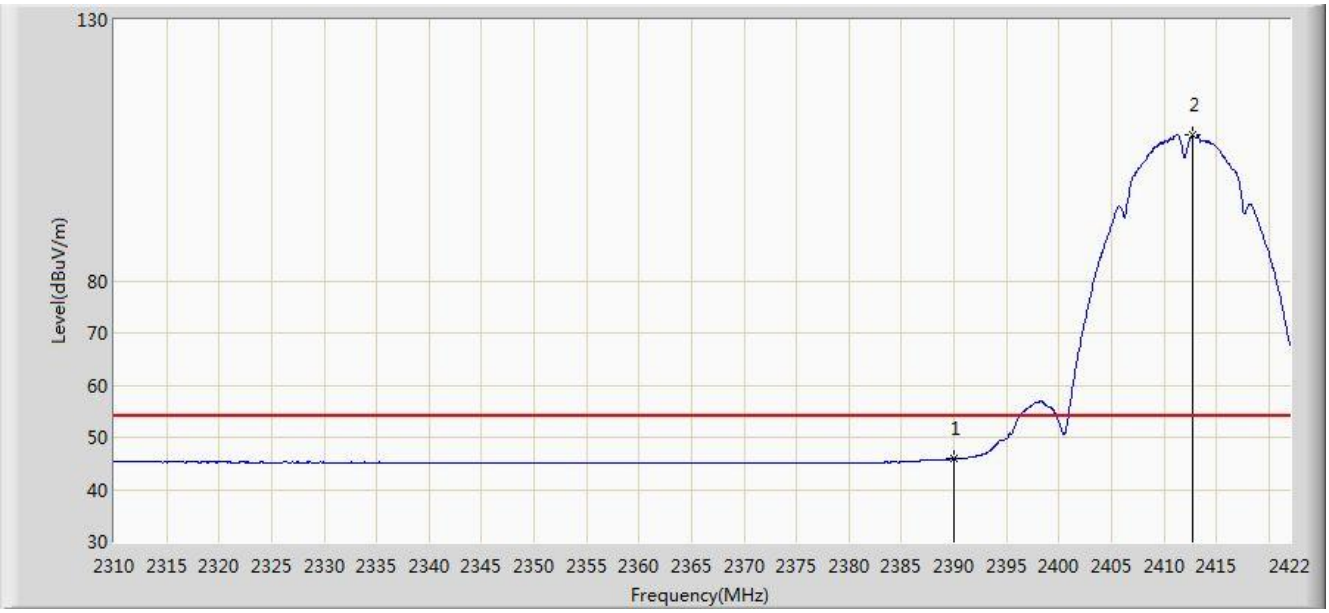


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2384.368	60.052	27.490	-13.948	74.000	32.562	PK
2			2390.000	58.727	26.173	-15.273	74.000	32.554	PK
3		*	2411.976	111.842	79.316	N/A	N/A	32.526	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 12:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 1	

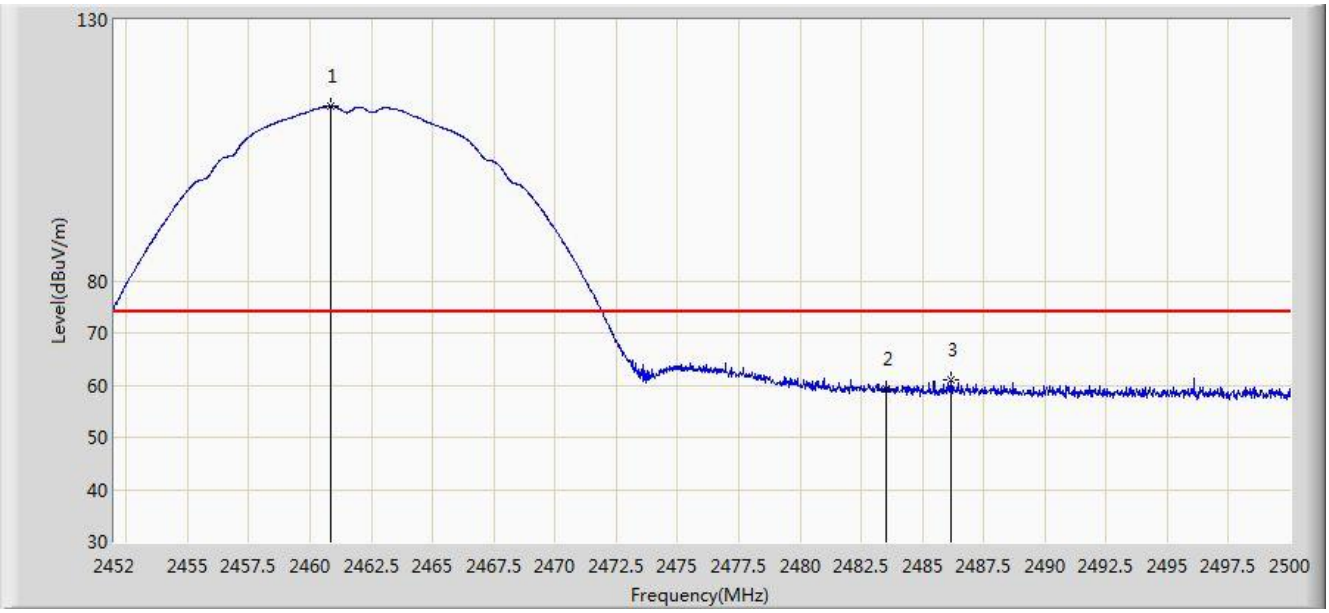


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.861	13.307	-8.139	54.000	32.554	AV
2		*	2412.704	107.829	75.304	N/A	N/A	32.525	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 12:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.856	113.374	80.860	N/A	N/A	32.514	PK
2			2483.500	59.246	26.665	-14.754	74.000	32.580	PK
3			2486.152	60.982	28.393	-13.018	74.000	32.589	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

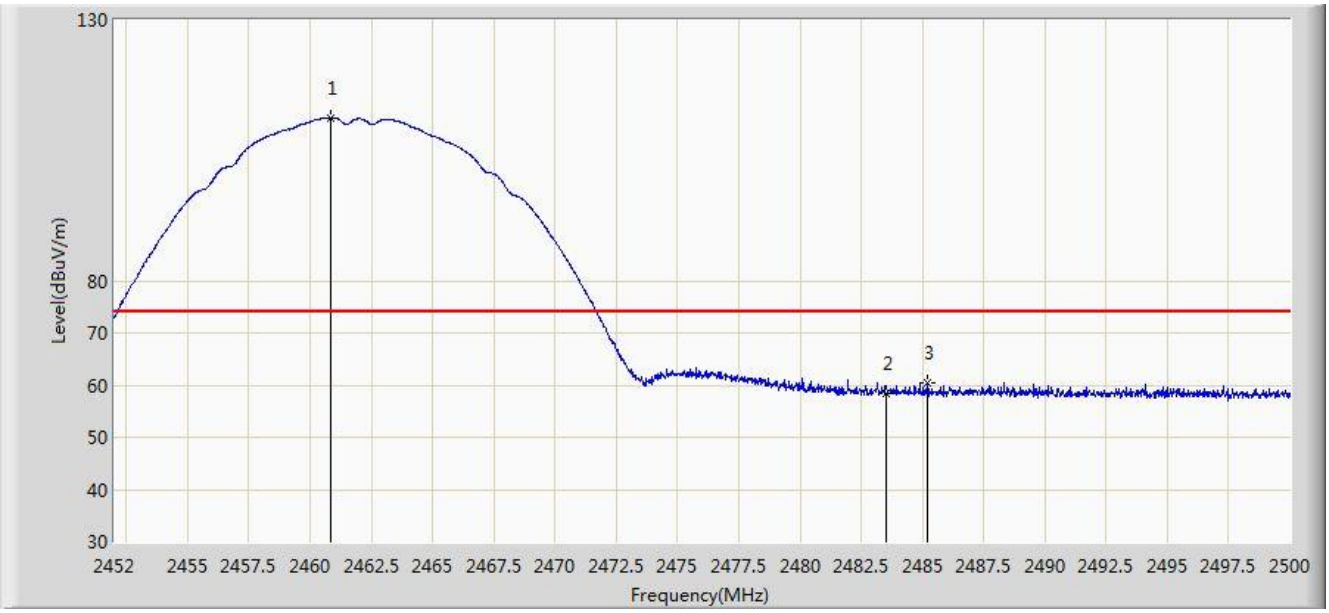
Site: AC1	Time: 2016/08/14 - 12:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.144	110.005	77.490	N/A	N/A	32.514	AV
2			2483.500	46.851	14.270	-7.149	54.000	32.580	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 12:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.856	111.223	78.709	N/A	N/A	32.514	PK
2			2483.500	58.333	25.752	-15.667	74.000	32.580	PK
3			2485.192	60.497	27.911	-13.503	74.000	32.585	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

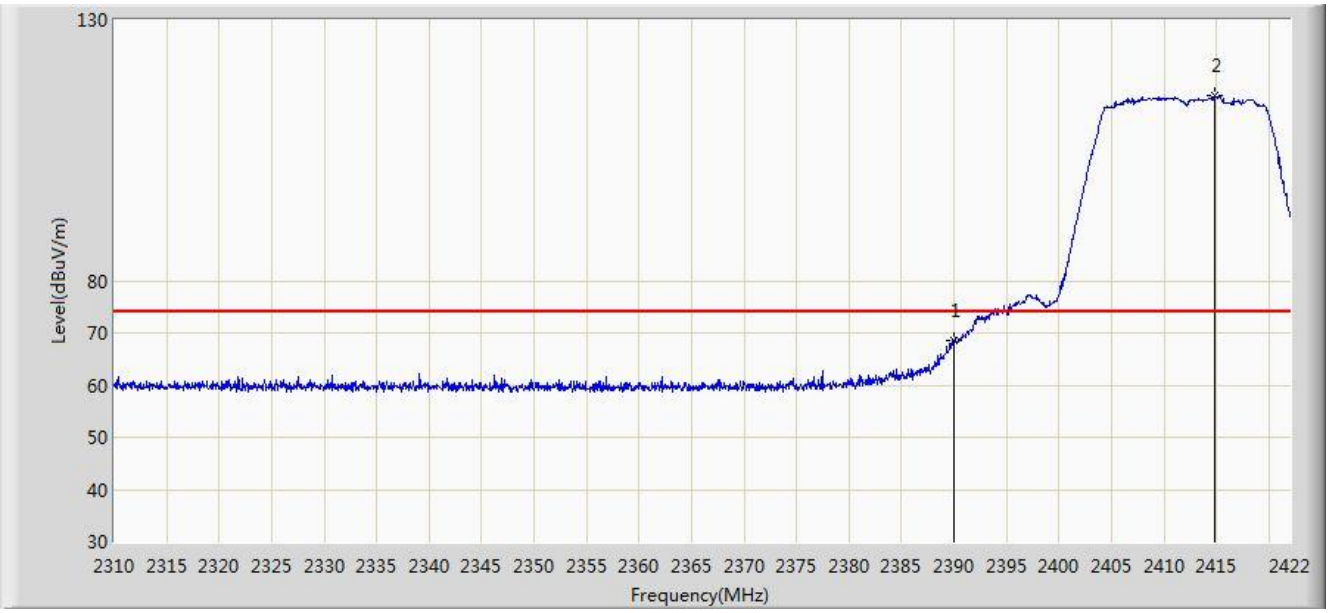
Site: AC1	Time: 2016/08/14 - 12:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.312	107.818	75.303	N/A	N/A	32.516	AV
2			2483.500	46.351	13.770	-7.649	54.000	32.580	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 12:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 1	

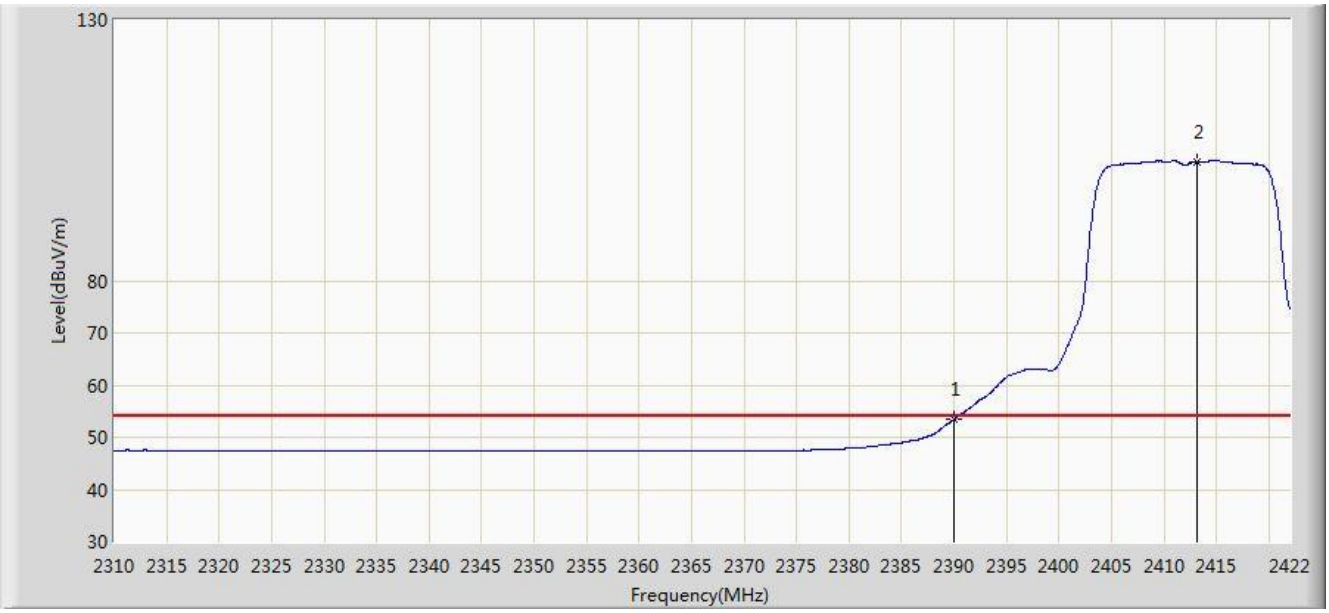


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	68.448	35.894	-5.552	74.000	32.554	PK
2		*	2414.888	115.370	82.848	N/A	N/A	32.523	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2016/08/14 - 12:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US WI-FI AP 4X4 OD ext. antenna	Power: DC 54V
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.372	20.818	-0.628	54.000	32.554	AV
2		*	2413.208	102.873	70.349	N/A	N/A	32.524	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)