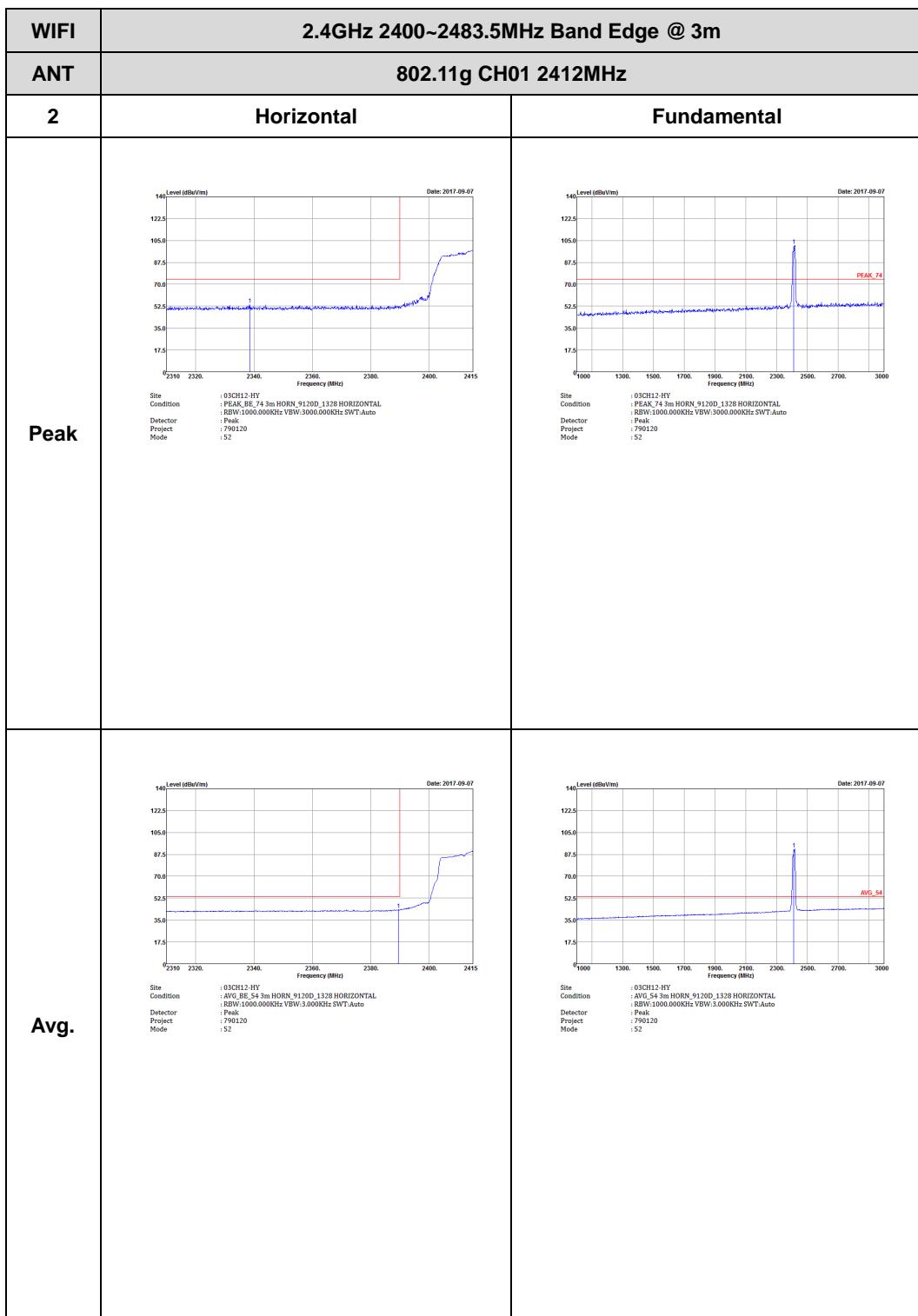
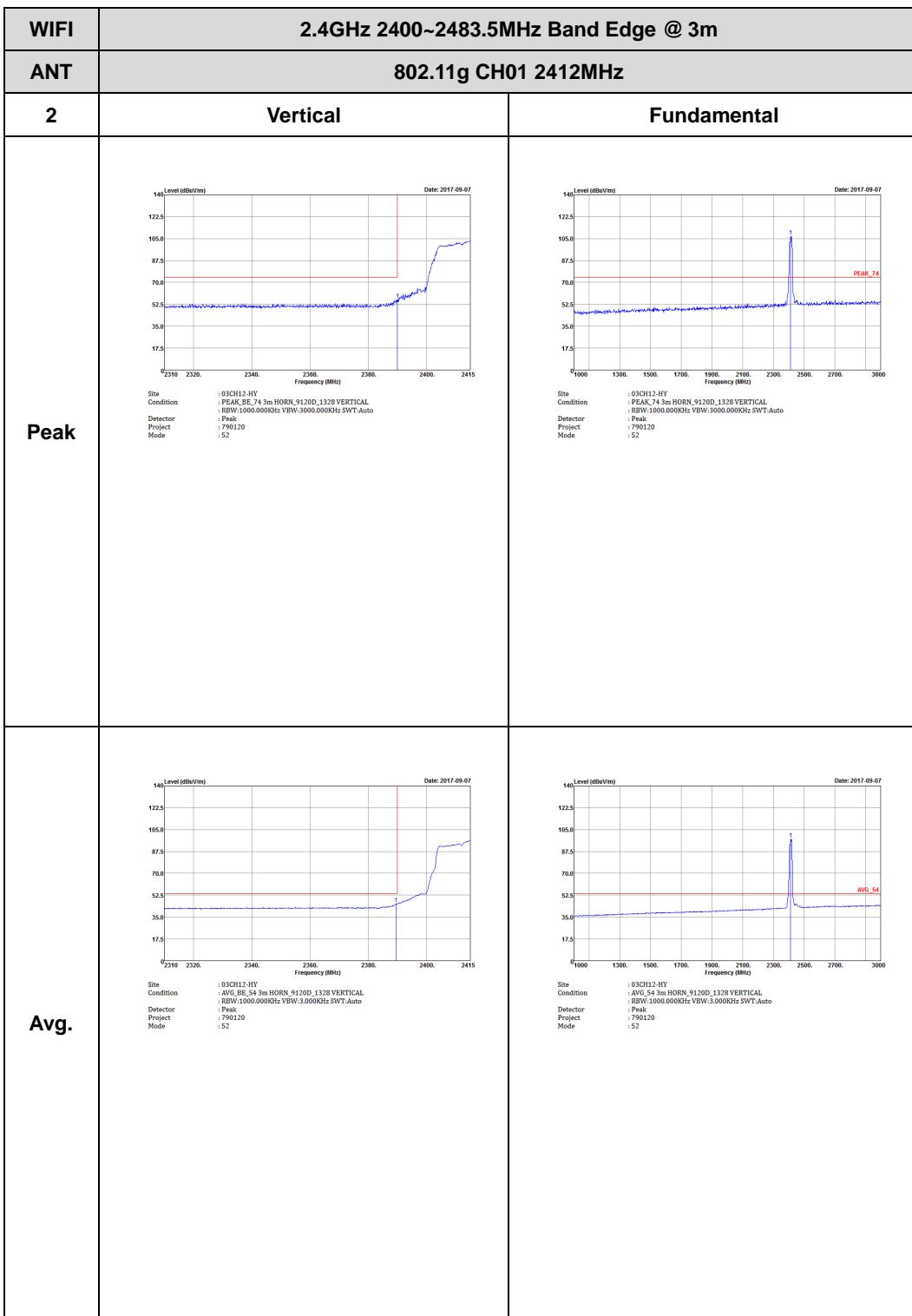




## 2.4GHz 2400~2483.5MHz

## WIFI 802.11g (Band Edge @ 3m)

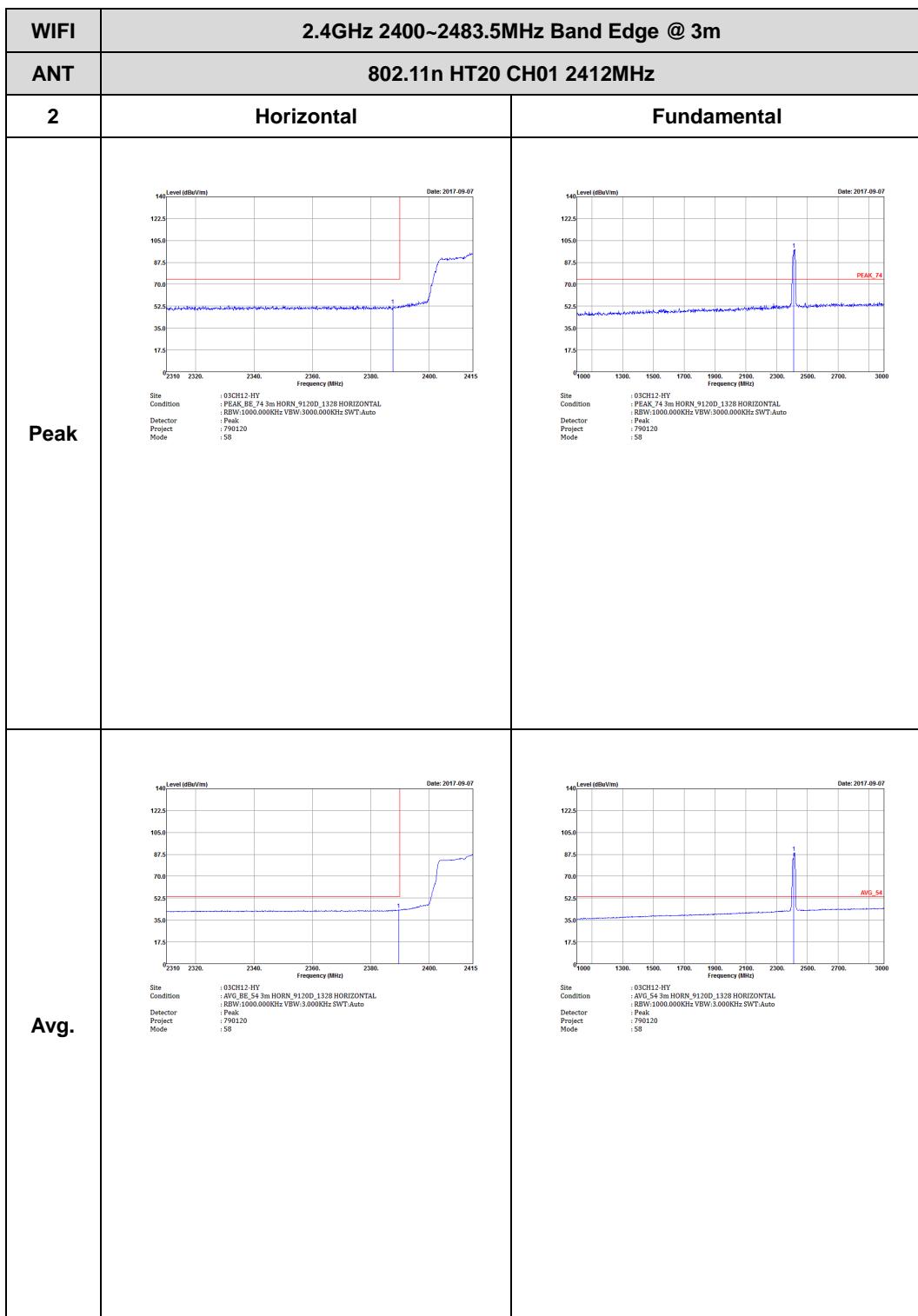


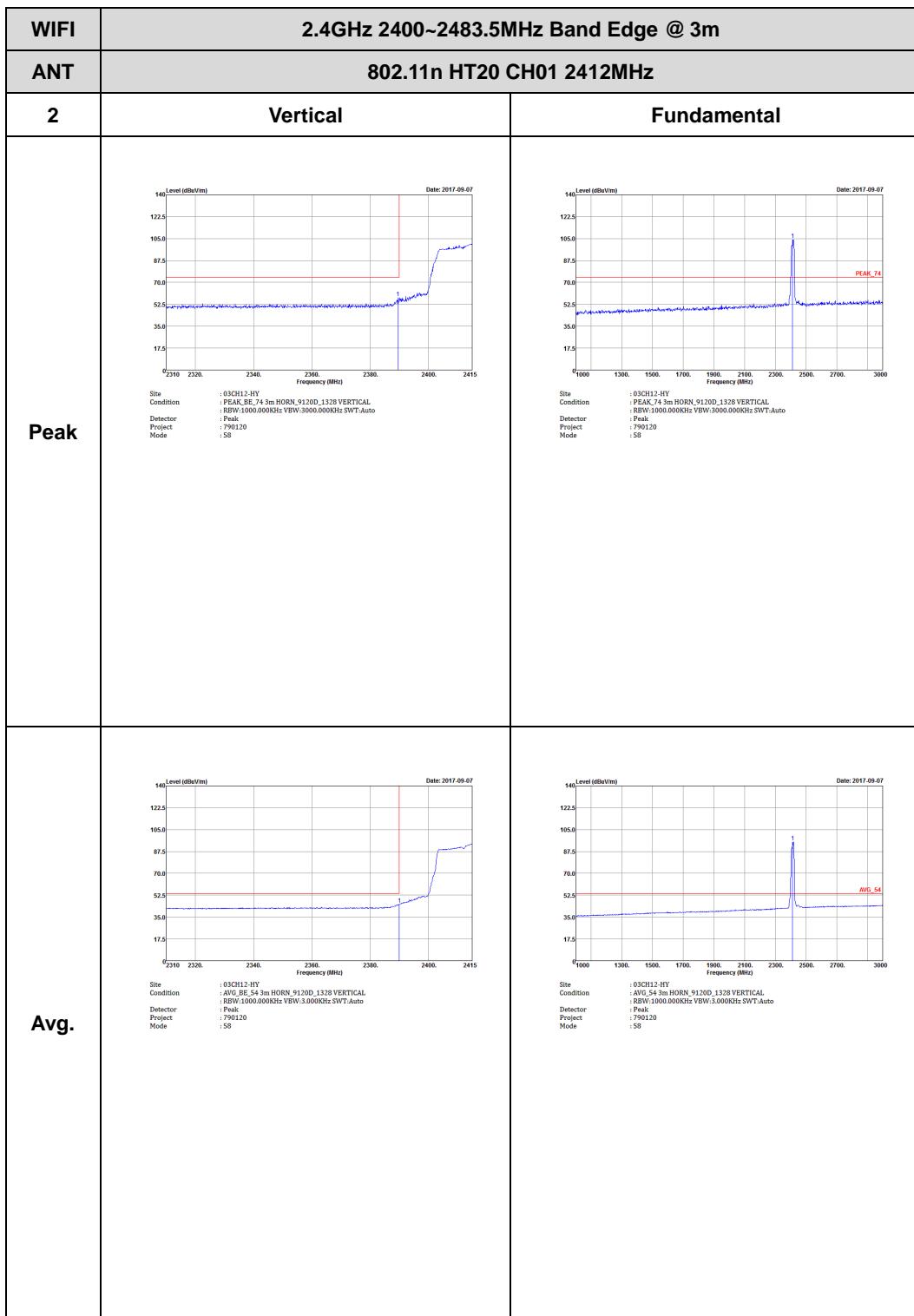




## 2.4GHz 2400~2483.5MHz

## WIFI 802.11n HT20 (Band Edge @ 3m)

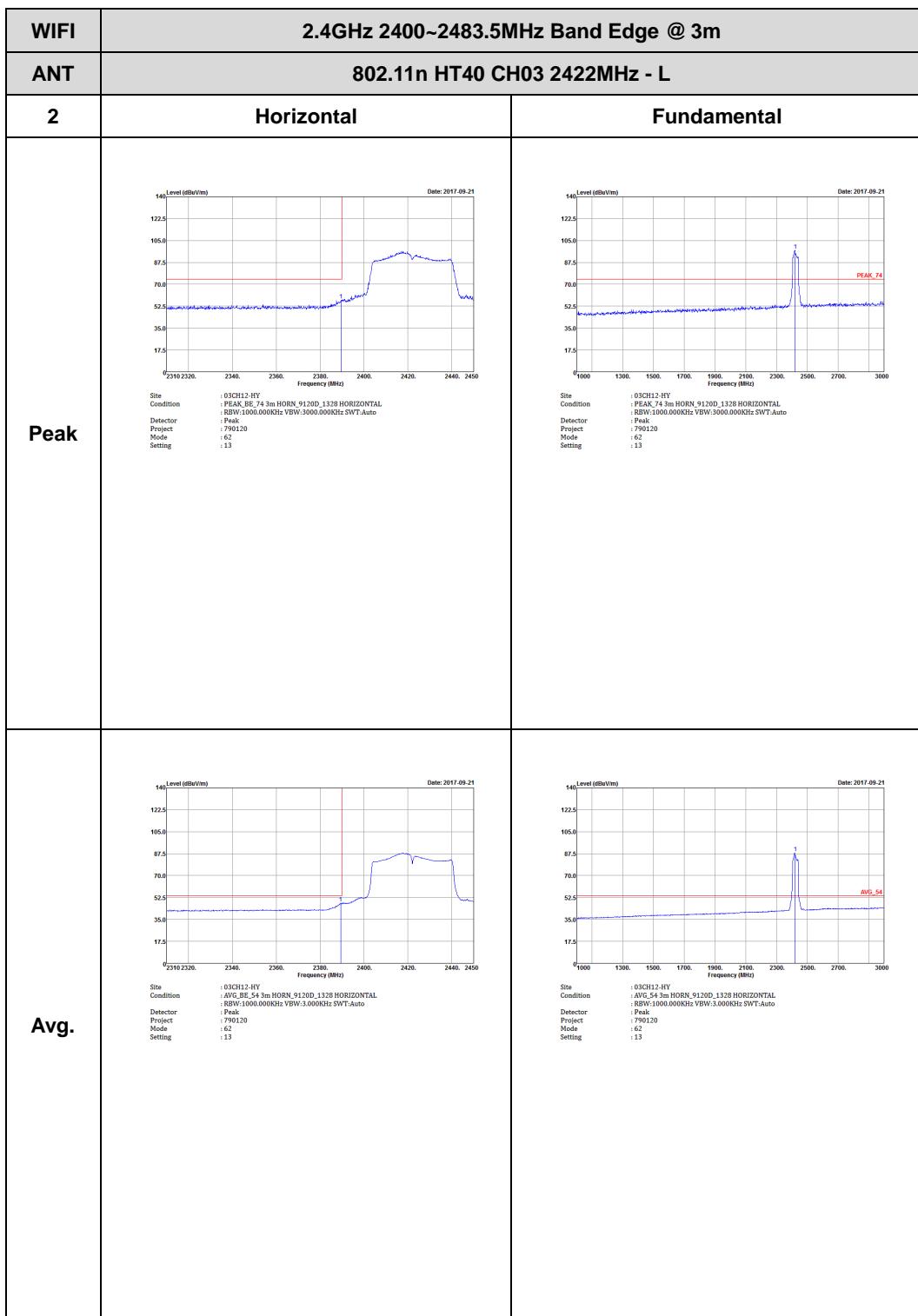




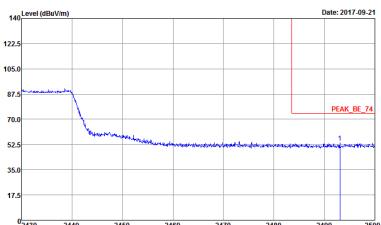
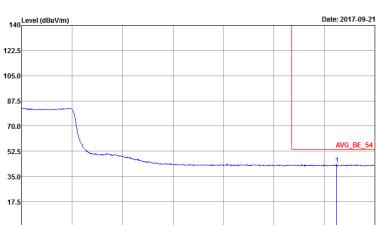


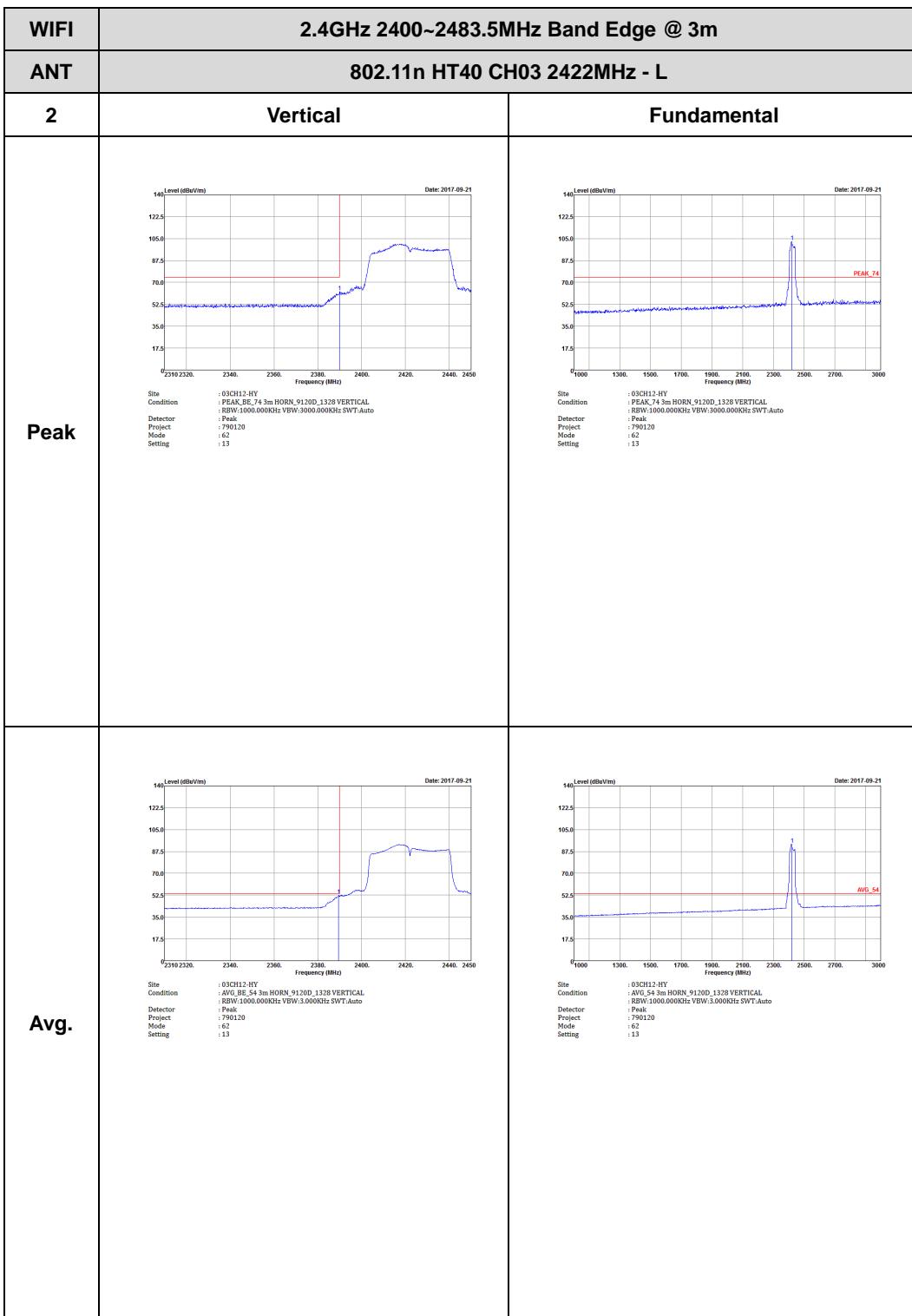
## 2.4GHz 2400~2483.5MHz

## WIFI 802.11n HT40 (Band Edge @ 3m)





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2017-09-21</p> <p>Frequency (MHz)</p> <p>Site: 0301H1-HY Condition: PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 790120 Mode: Peak Setting: 62 : 13</p>	Left Blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2017-09-21</p> <p>Frequency (MHz)</p> <p>Site: 0301H1-HY Condition: AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector: RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project: 790120 Mode: Peak Setting: 62 : 13</p>	Left Blank



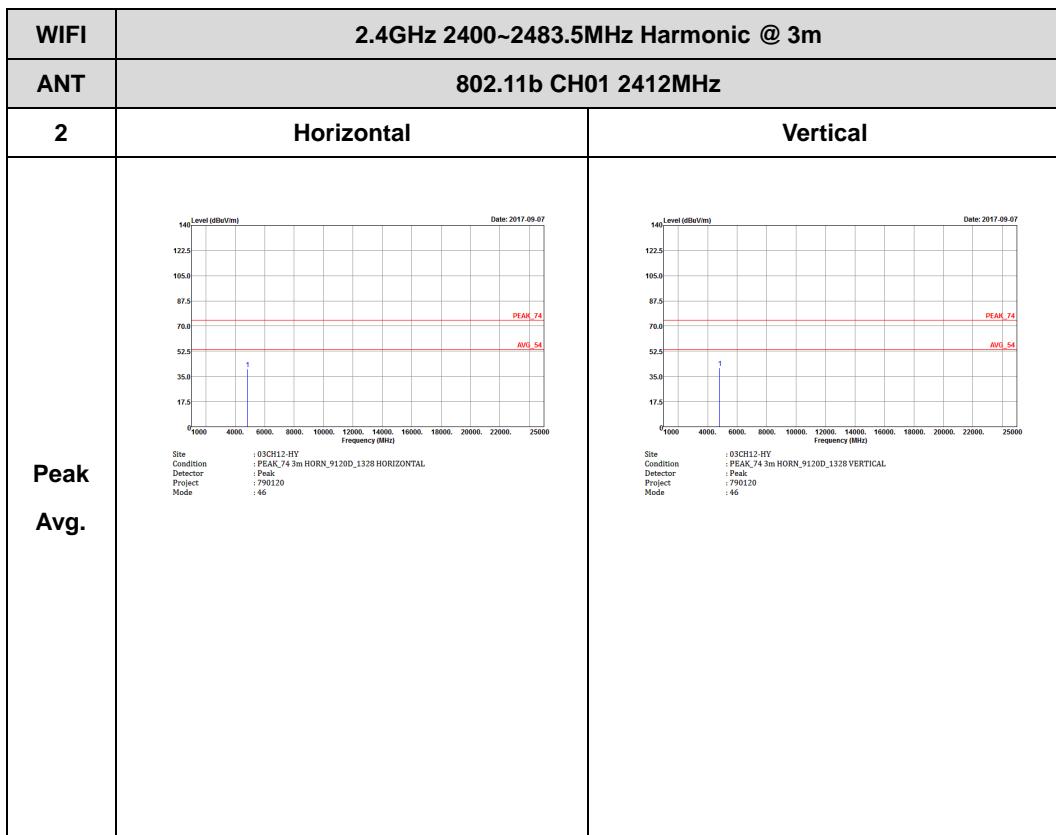


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
2	Vertical	Fundamental
Peak	 Site: 0301H1-HY Condition: PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 790120 Mode: Peak Setting: 62 Setting: 13	Left blank
Avg.	 Site: 0301H1-HY Condition: AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector: RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project: 790120 Mode: Peak Setting: 62 Setting: 13	Left blank



2.4GHz 2400~2483.5MHz

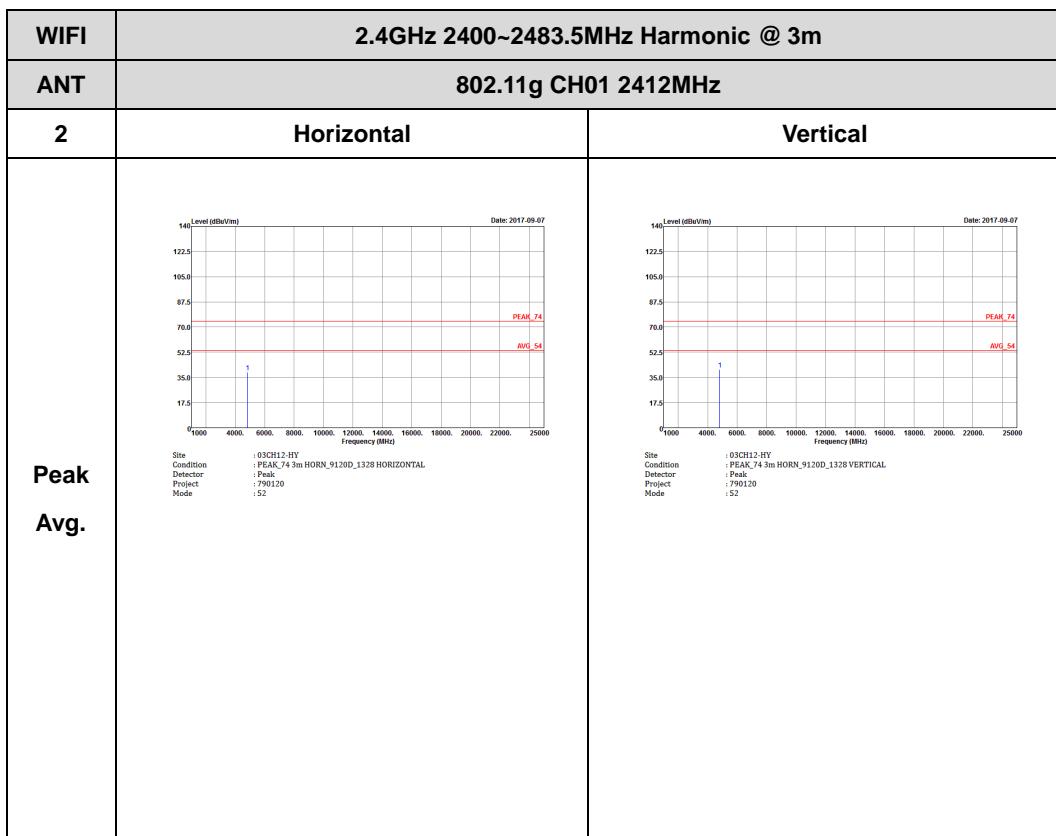
WIFI 802.11b (Harmonic @ 3m)





## 2.4GHz 2400~2483.5MHz

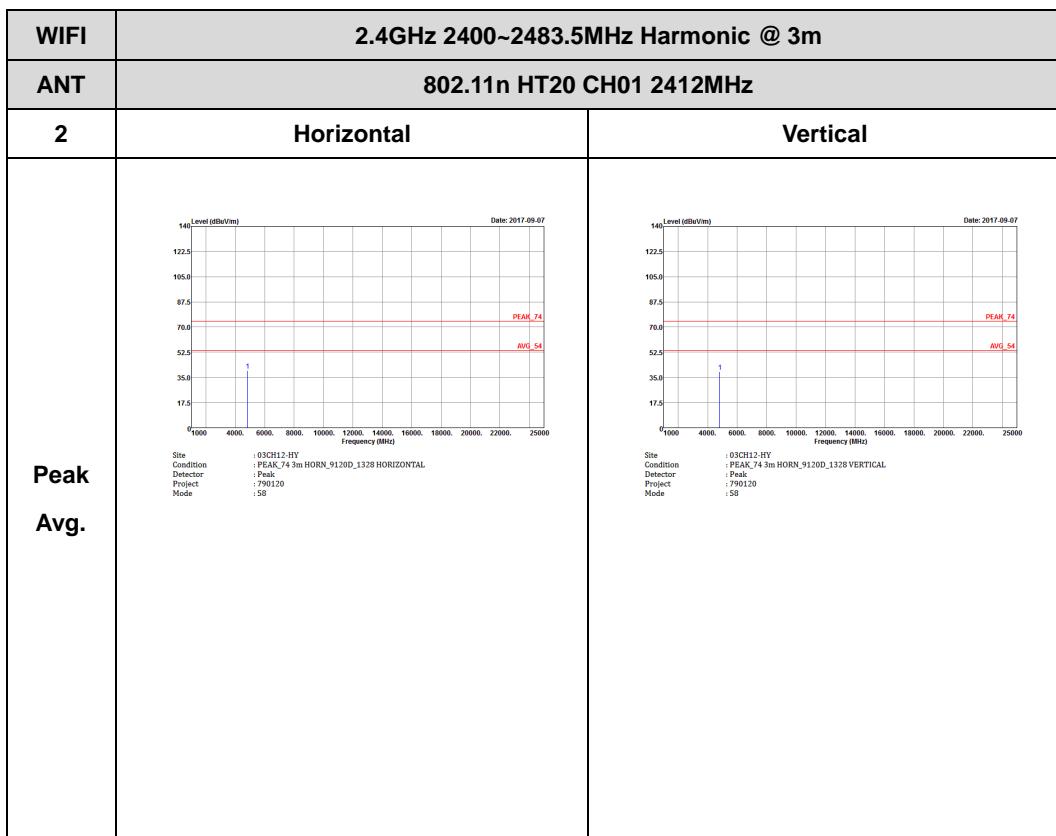
## WIFI 802.11g (Harmonic @ 3m)





2.4GHz 2400~2483.5MHz

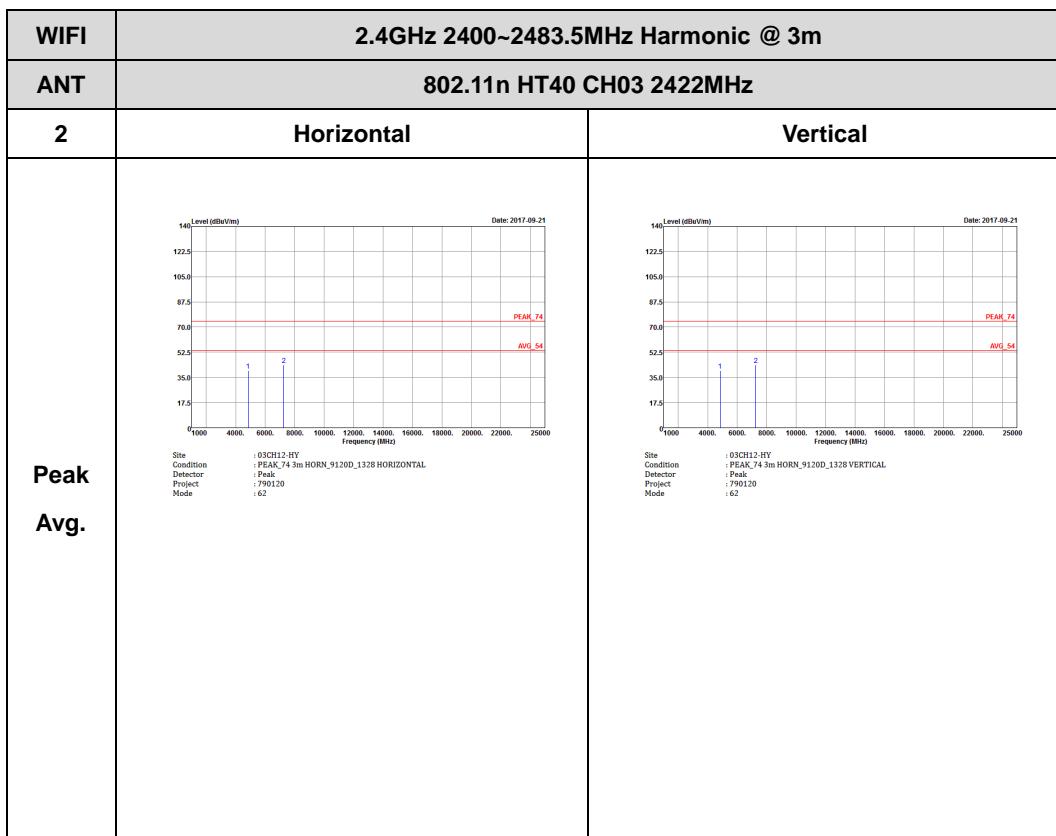
WIFI 802.11n HT20 (Harmonic @ 3m)





2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

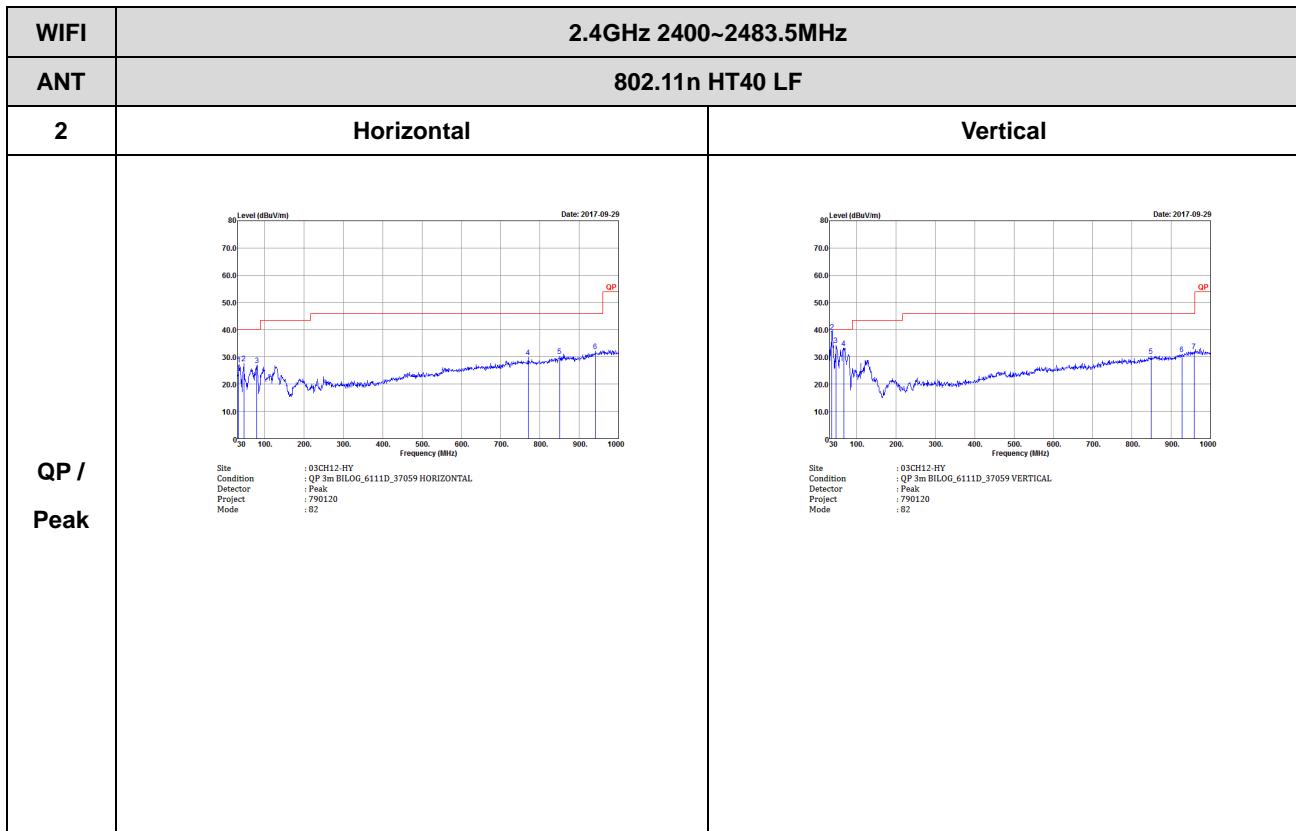




## 2.4GHz 2400~2483.5MHz

## Emission below 1GHz

## 2.4GHz WIFI 802.11n HT40 (LF)





## Appendix C. Radiated Spurious Emission Plots

<b>Test Engineer :</b>	Peter Liao, Nick Yu, Ray Chen	<b>Temperature :</b>	23~25°C
		<b>Relative Humidity :</b>	59~63%

### Note symbol

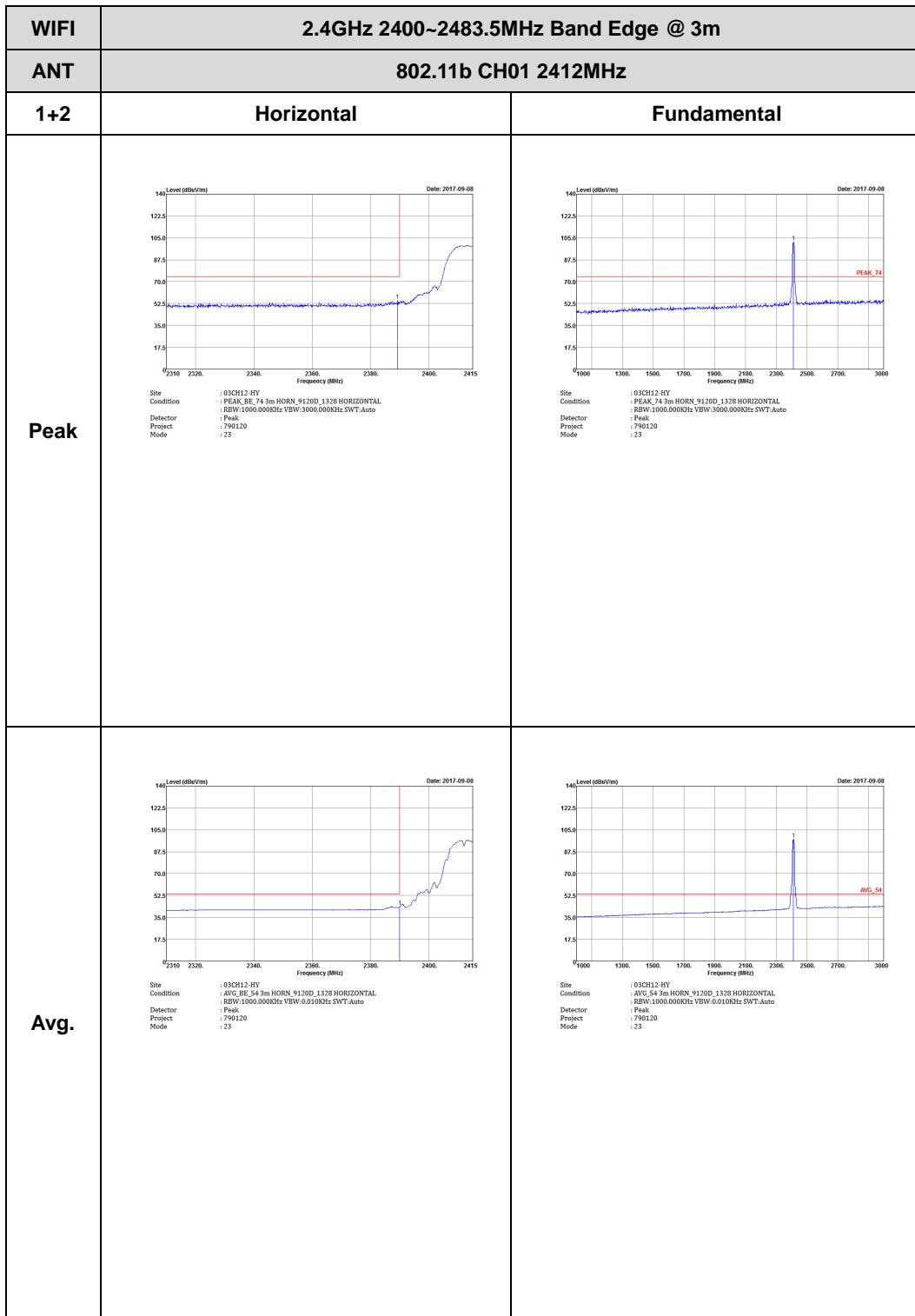
-L	Low channel location
-R	High channel location

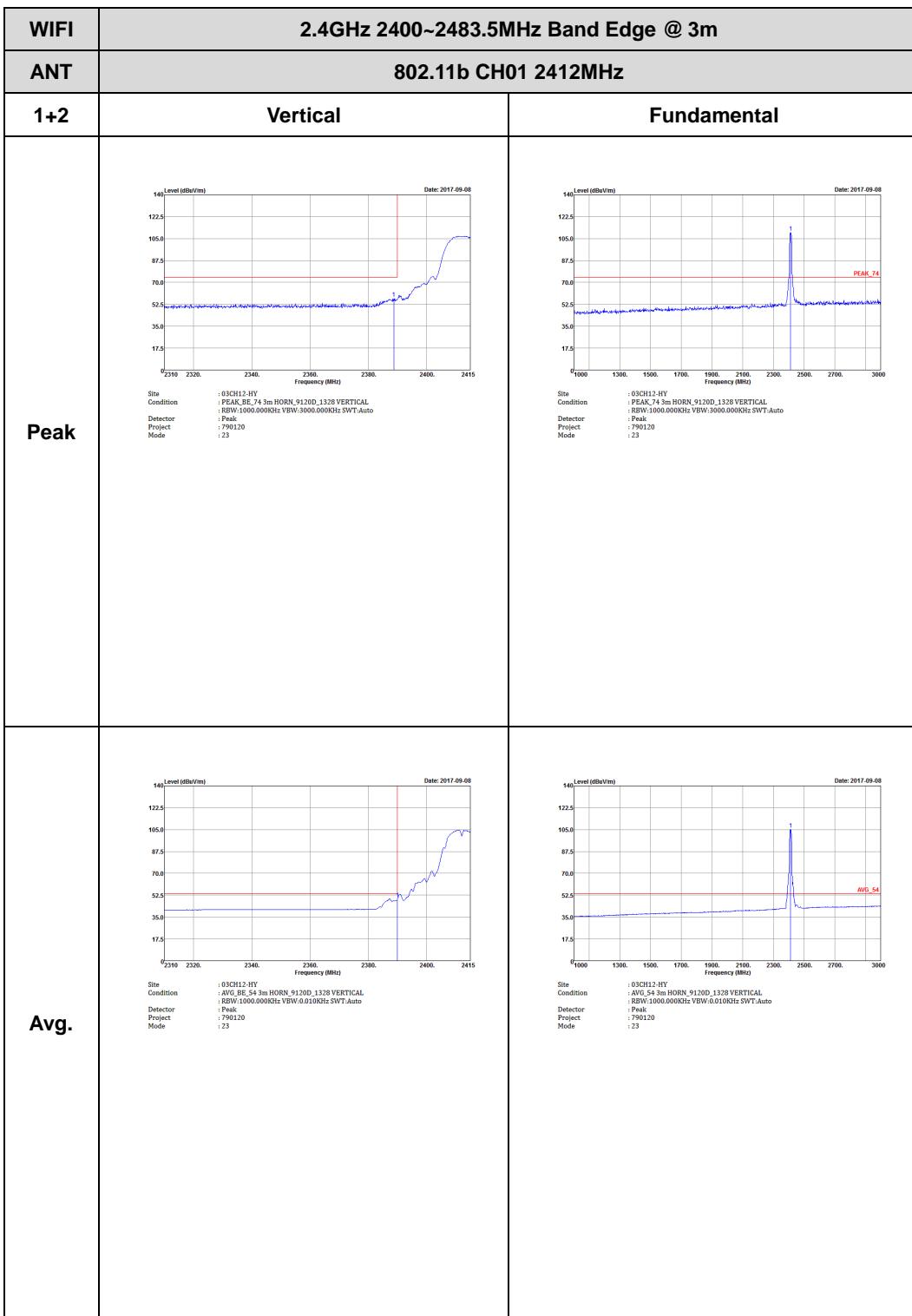


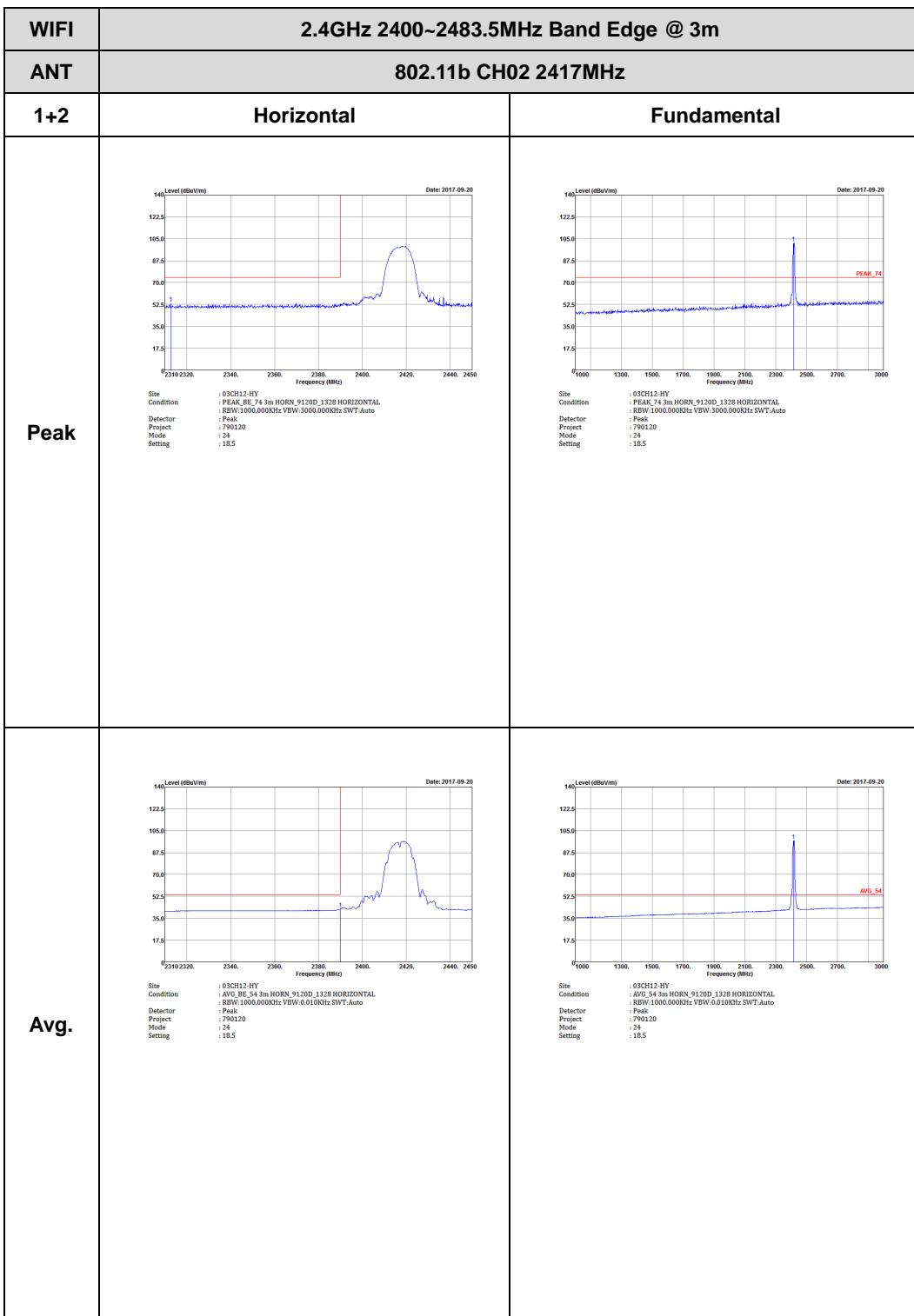
&lt;CDD Mode&gt;

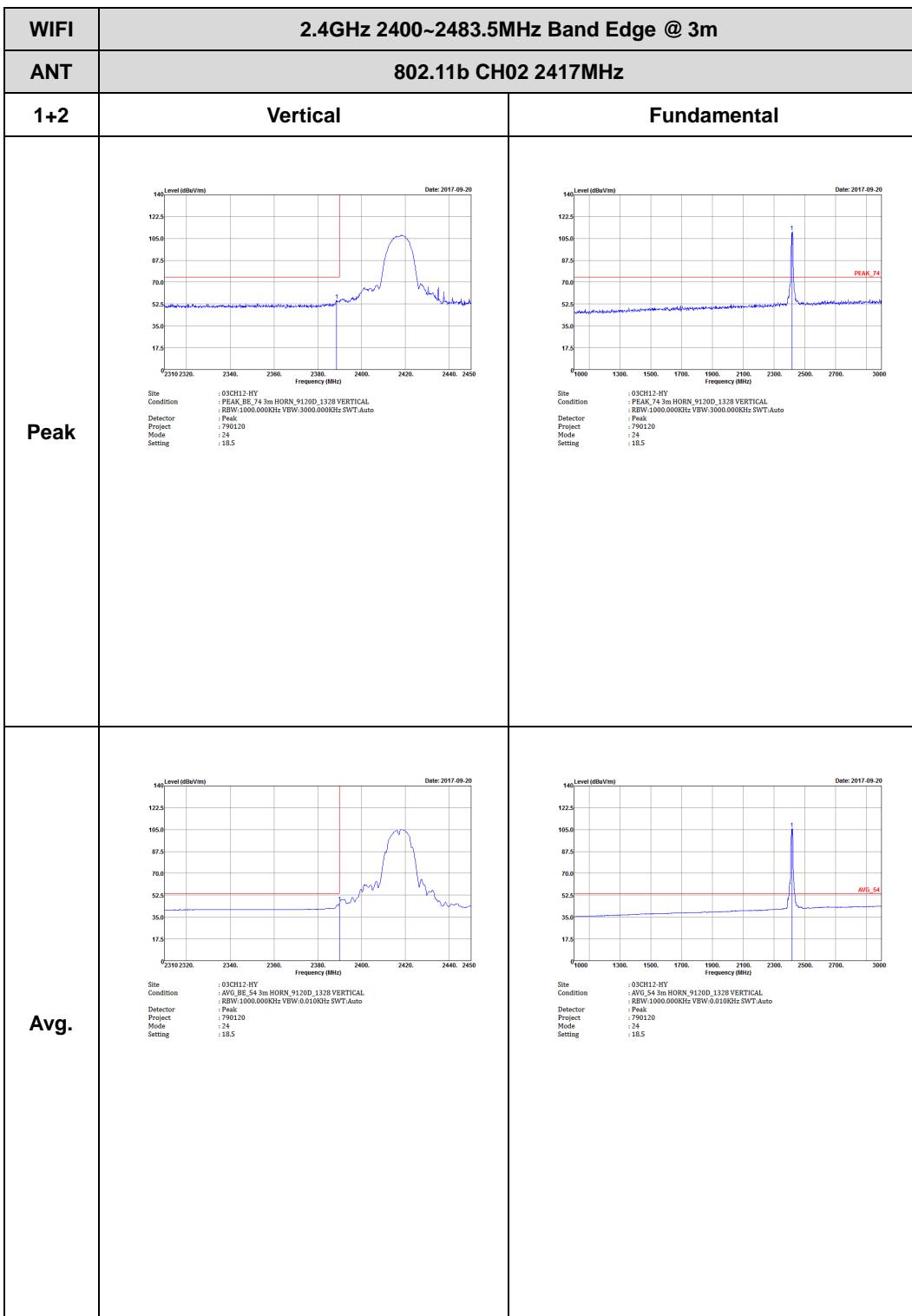
2.4GHz 2400~2483.5MHz

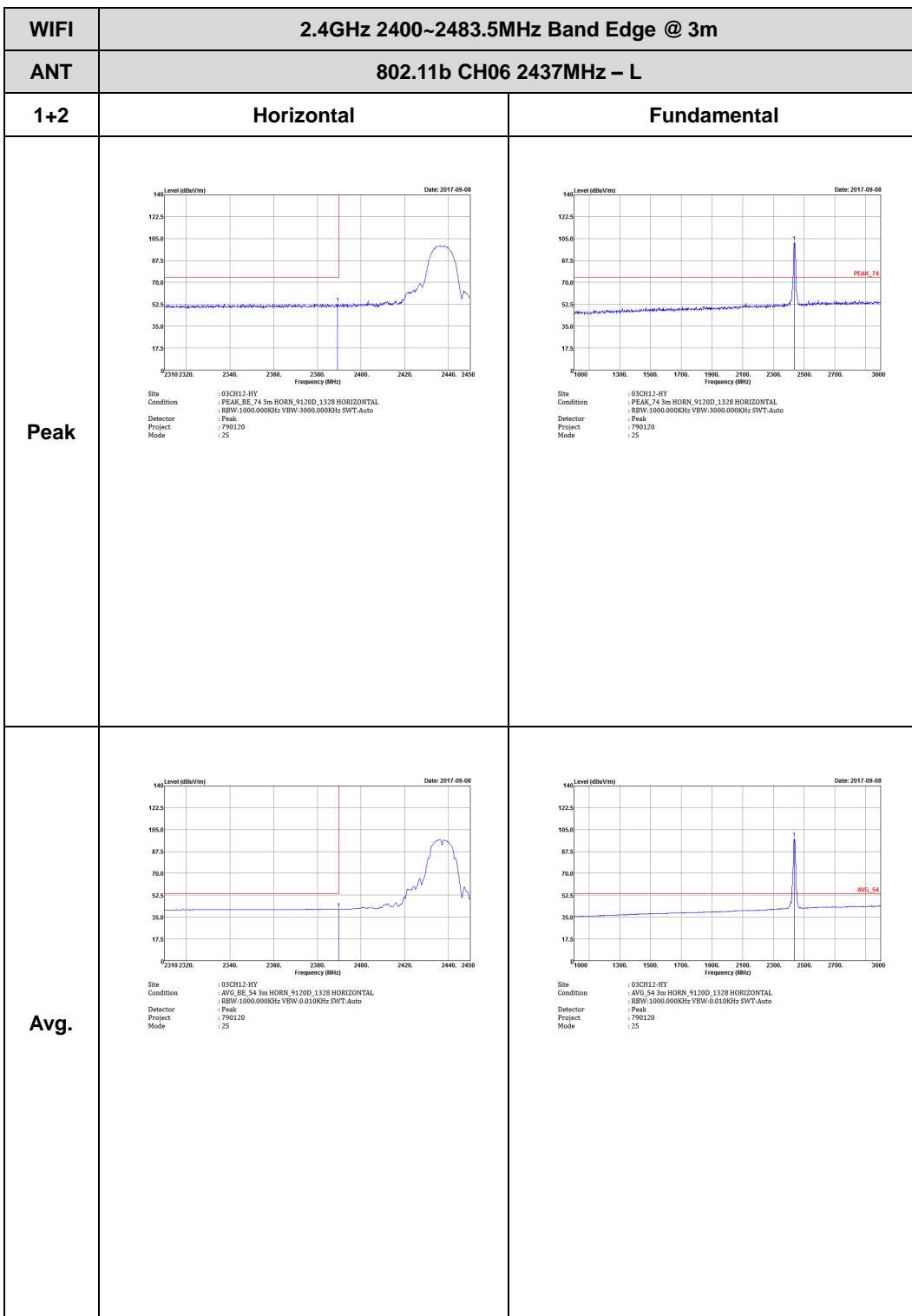
WIFI 802.11b (Band Edge @ 3m)



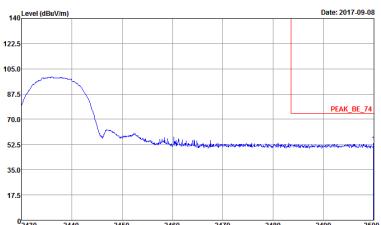


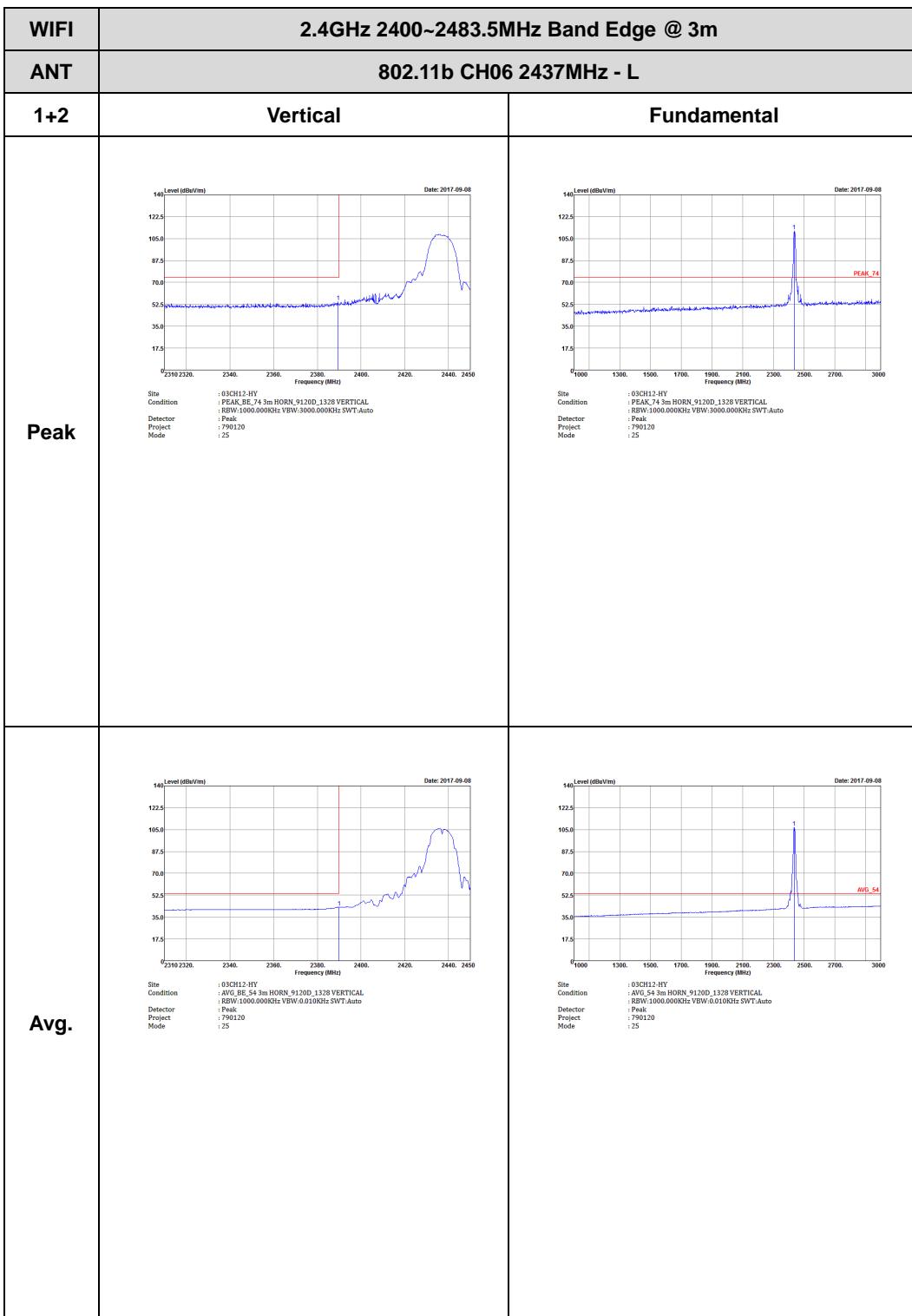






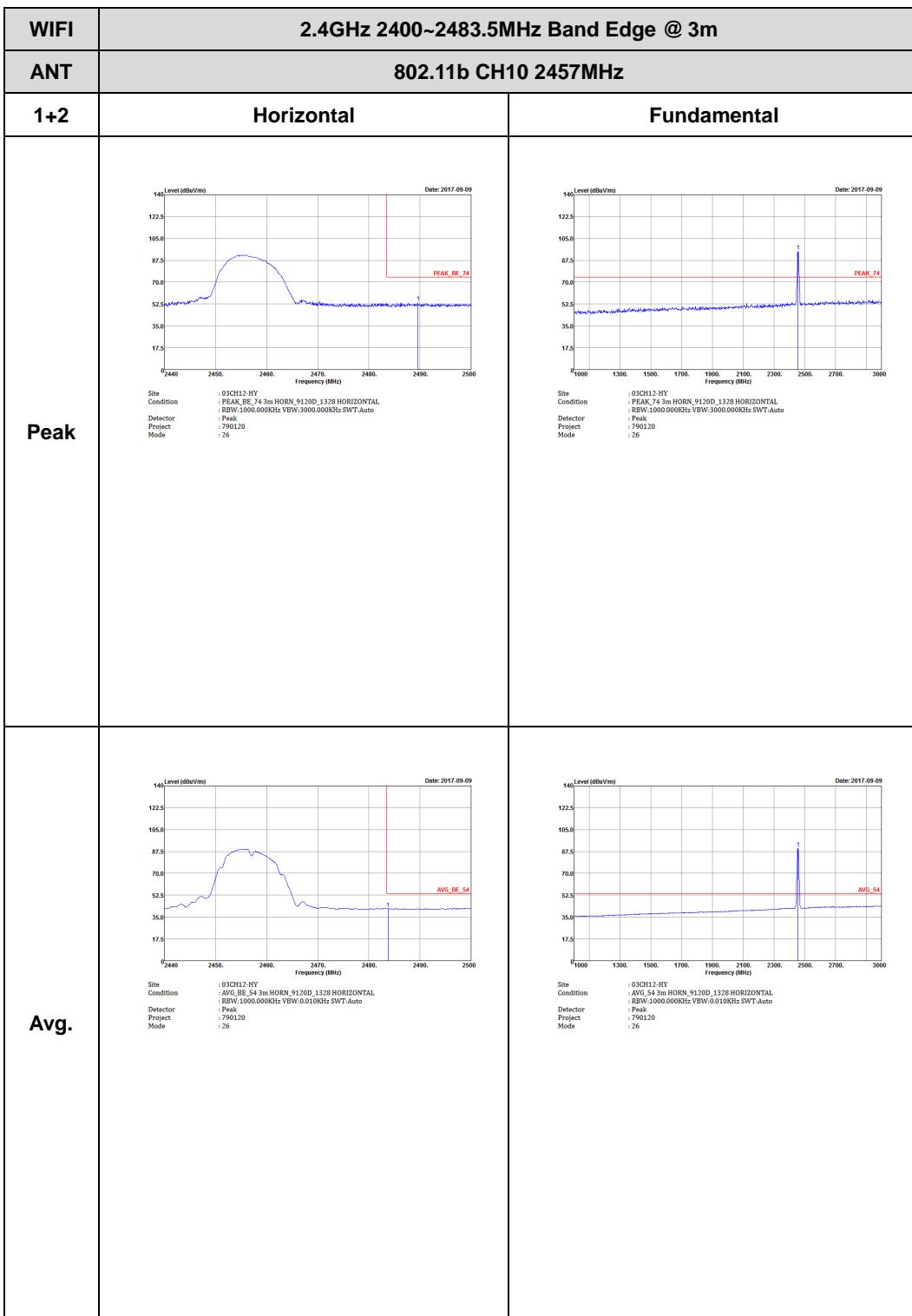


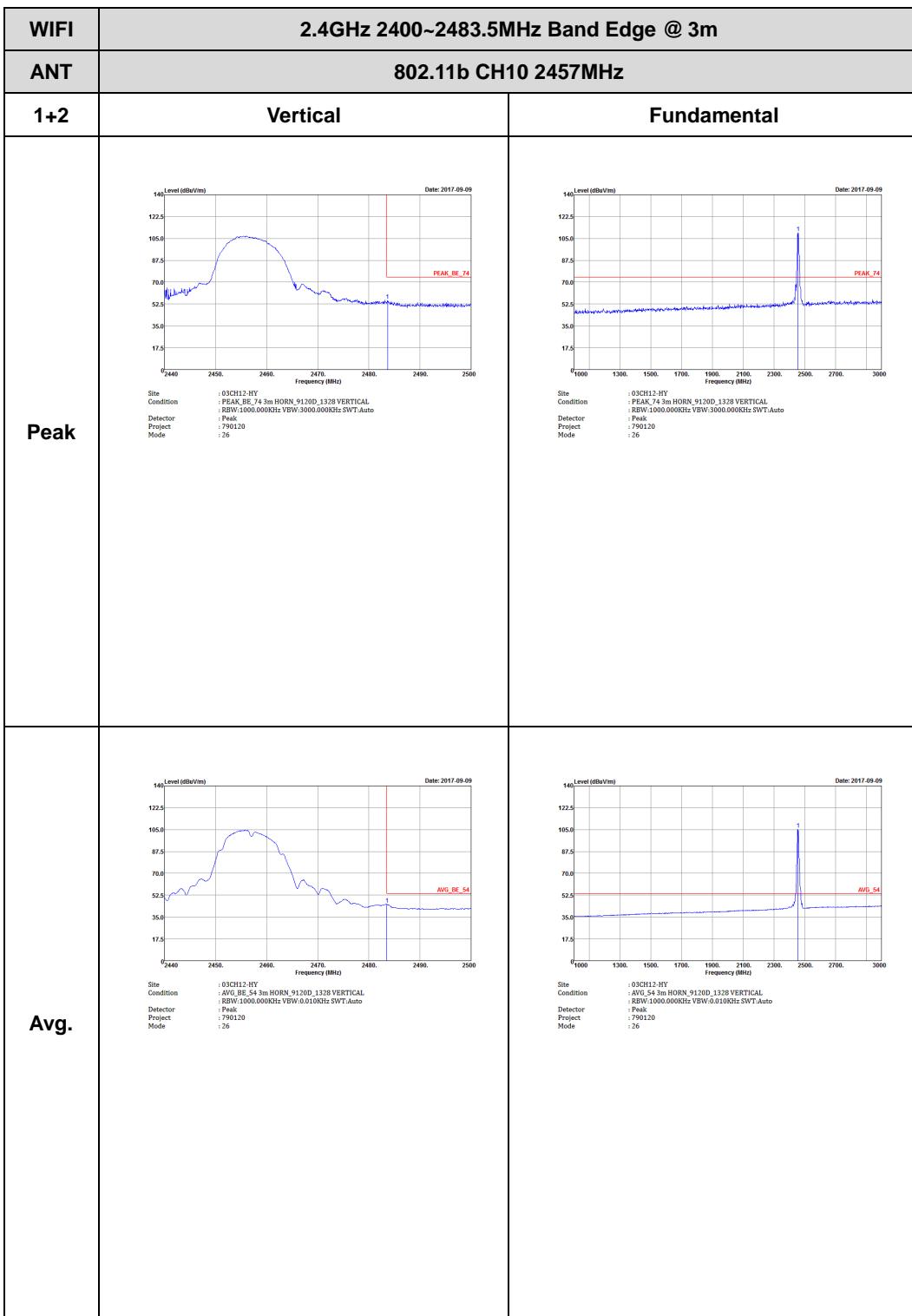
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBm/V/m) vs Frequency (MHz) plot. The x-axis ranges from 2430 to 2500 MHz, and the y-axis ranges from 17.5 to 140 dBm/V/m. A blue curve shows a sharp peak at approximately 2437 MHz labeled 'PEAK_BE_74'. The plot includes a red step function representing the band edge. Technical parameters listed below the plot:</p> <p>Date: 2017-09-08 Site: 0301H12-HN Condition: PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 790120 Mode: 25</p>	Left blank
Avg.	 <p>Level (dBm/V/m) vs Frequency (MHz) plot. The x-axis ranges from 2430 to 2500 MHz, and the y-axis ranges from 17.5 to 140 dBm/V/m. A blue curve shows a broad emission centered around 2437 MHz labeled 'AVG_BE_54'. The plot includes a red step function representing the band edge. Technical parameters listed below the plot:</p> <p>Date: 2017-09-08 Site: 0301H12-HV Condition: AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector: RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project: 790120 Mode: 25</p>	Left blank

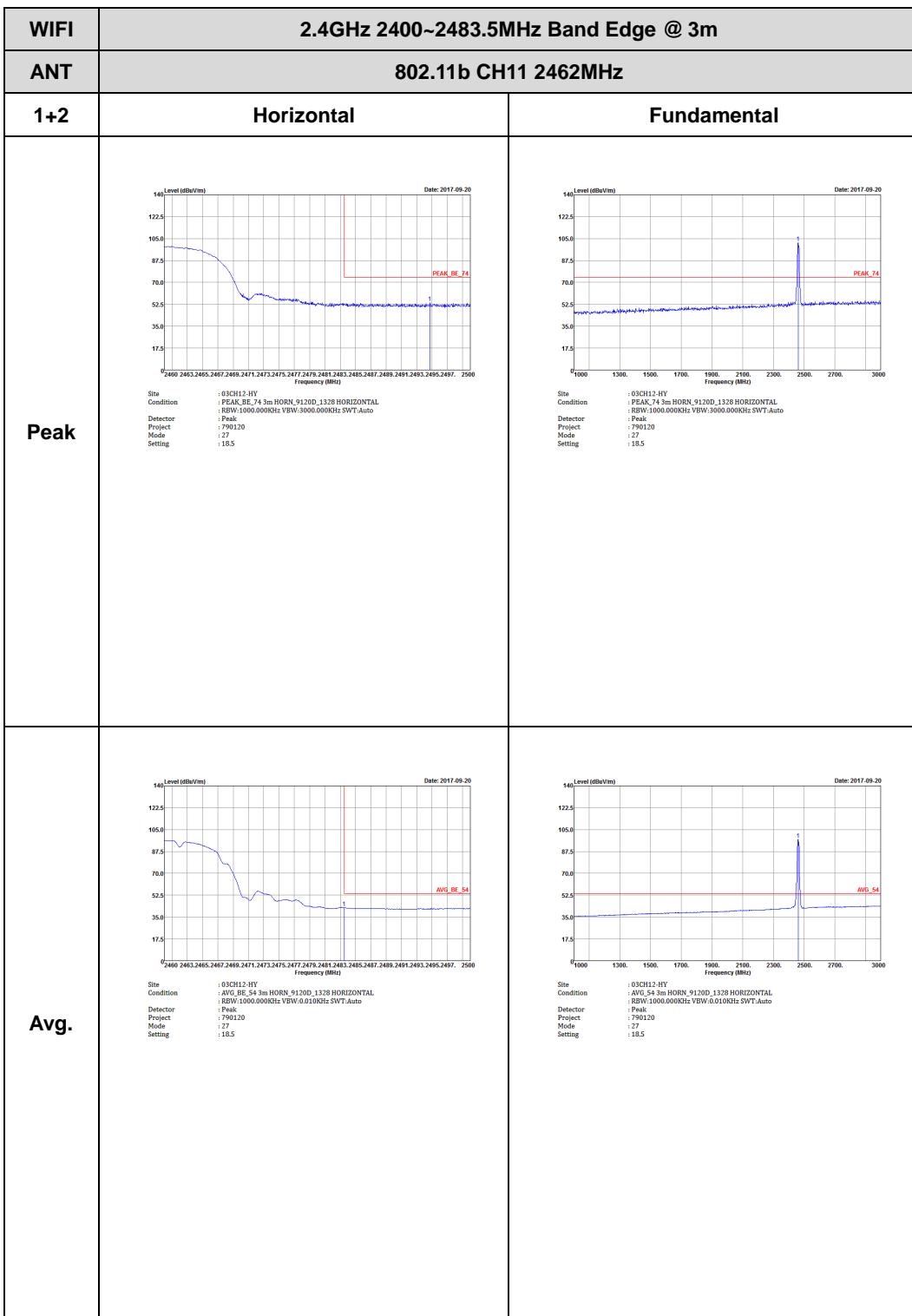


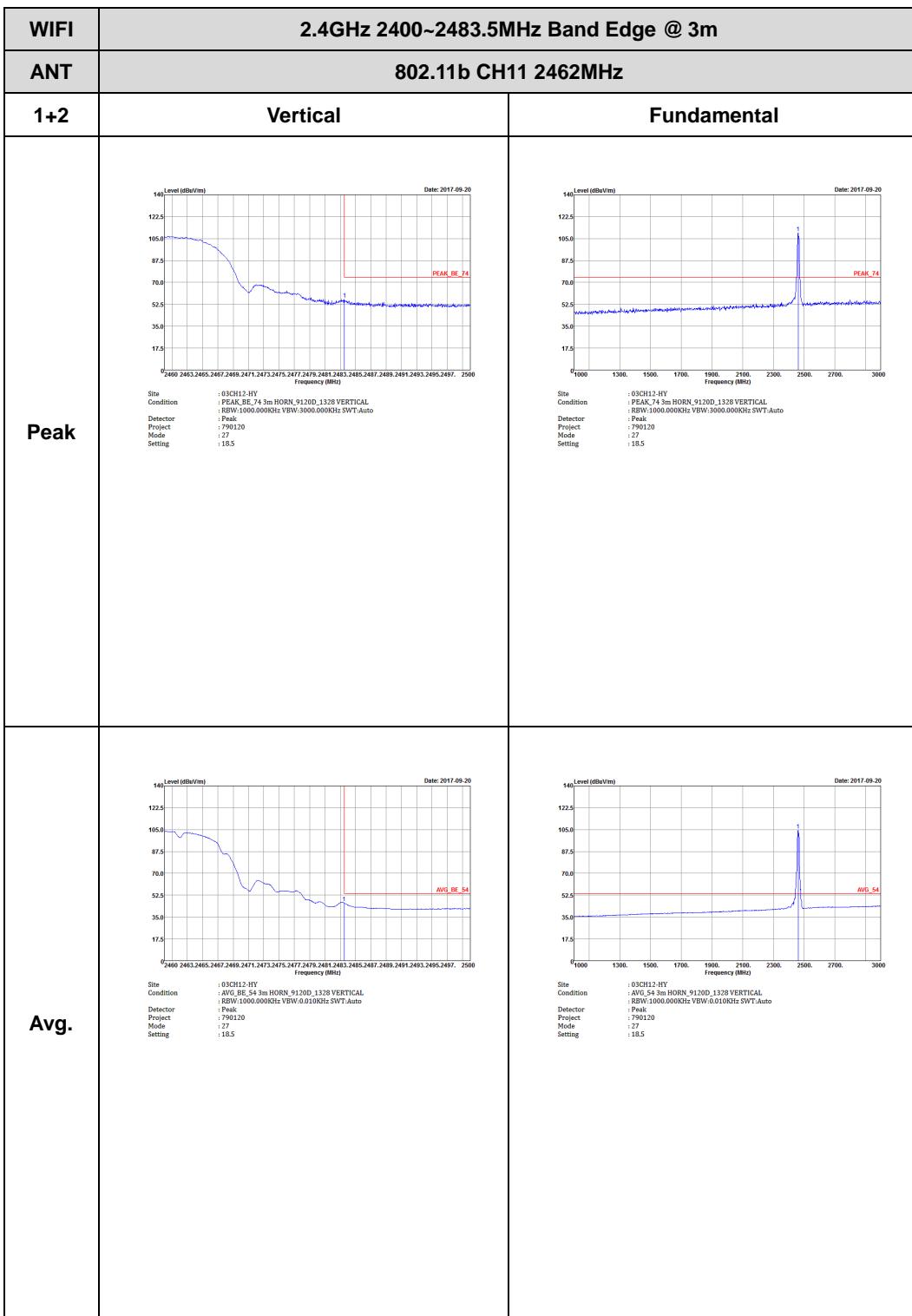


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Site : 030H12-HN Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 790120 :25</p>	Left blank
Avg.	<p>Site : 030H12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Mode : 790120 :25</p>	Left blank





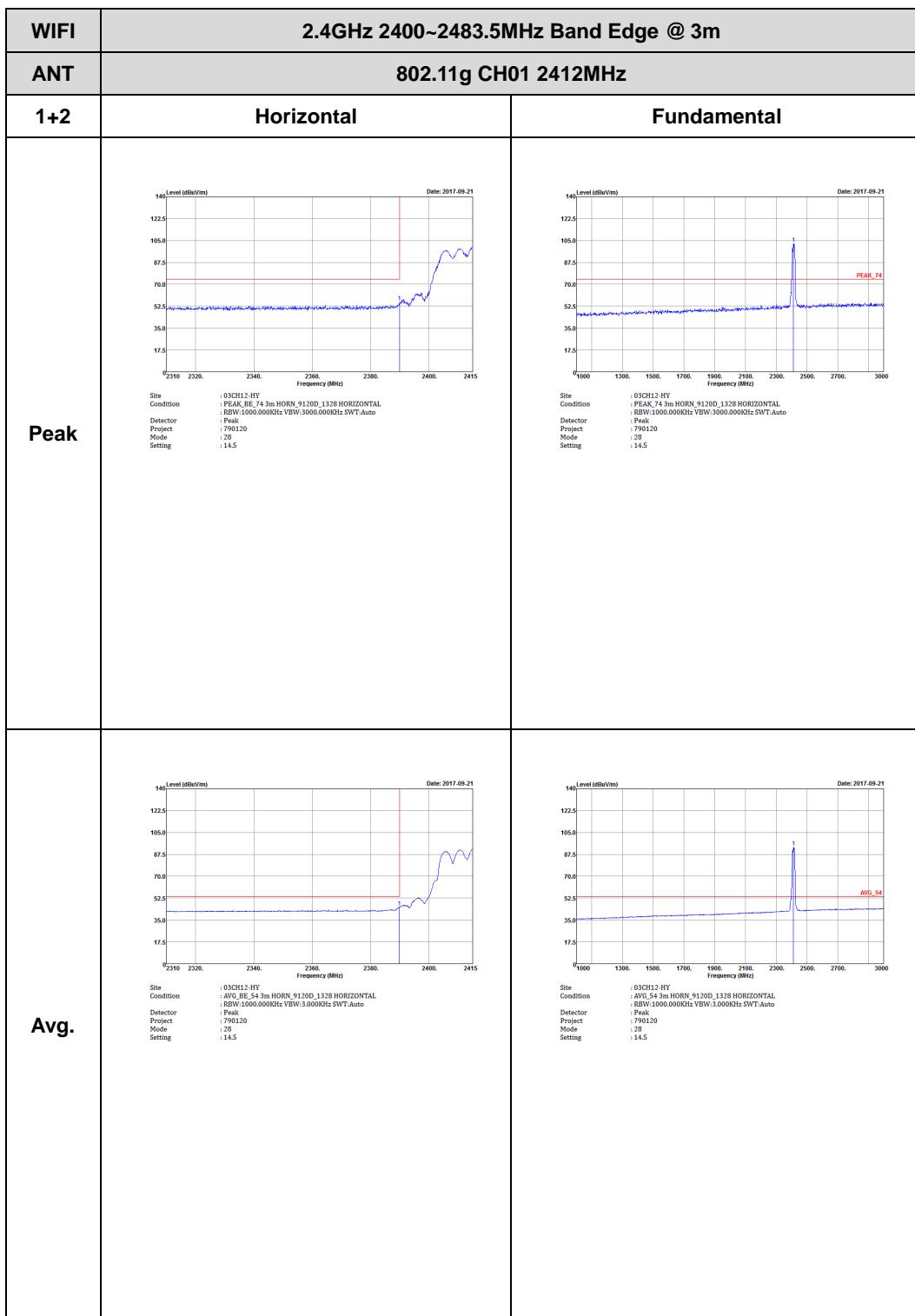


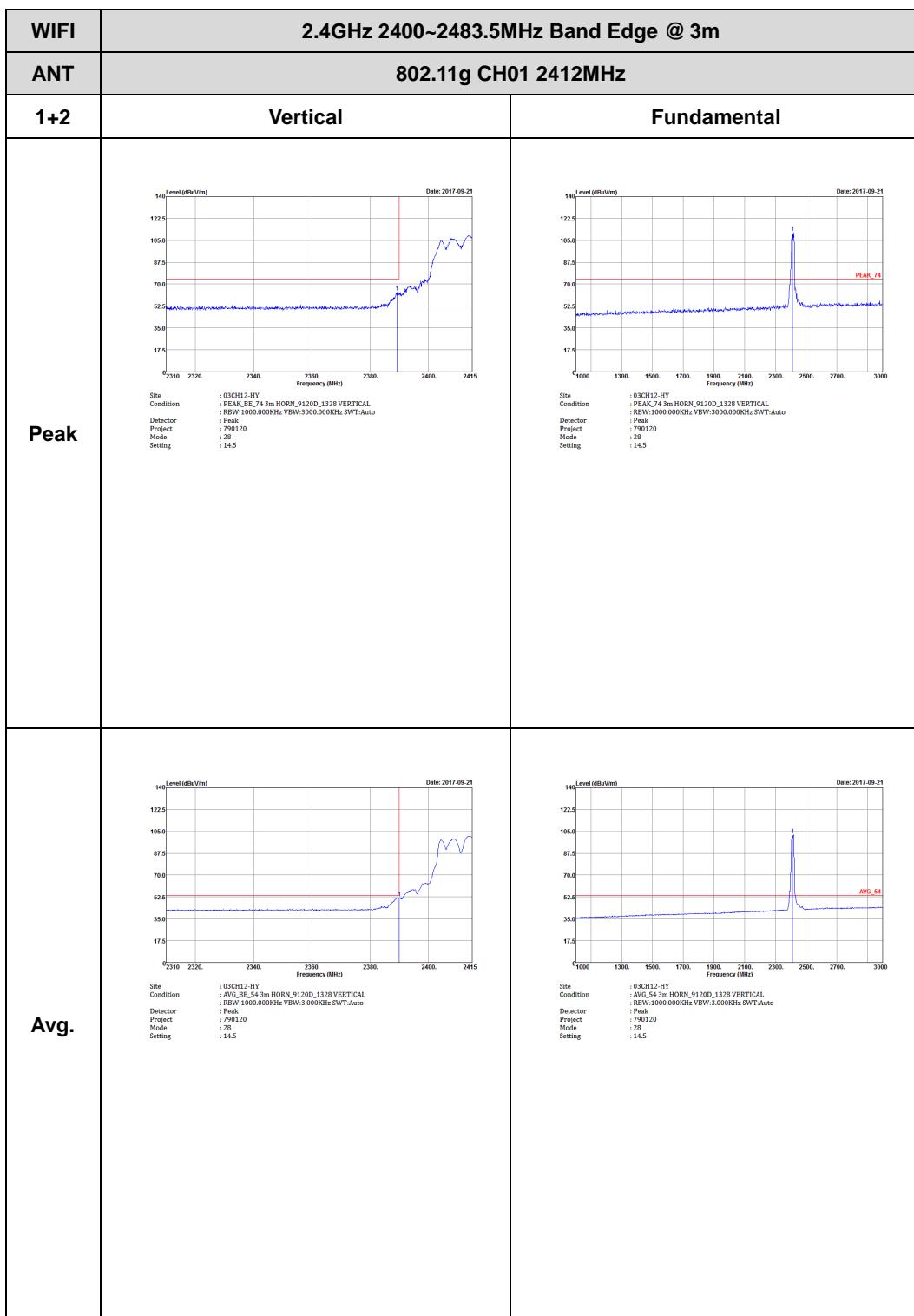


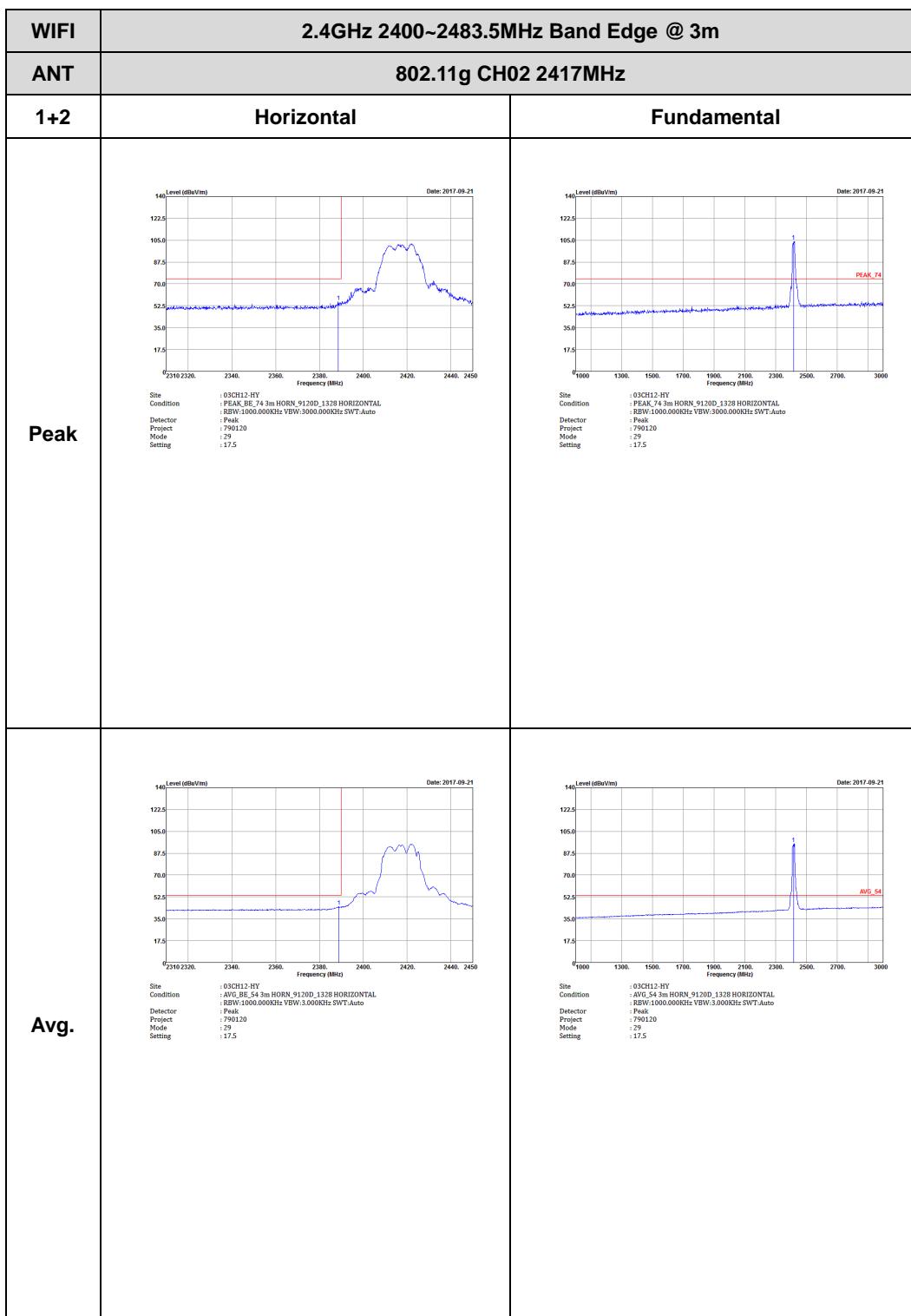


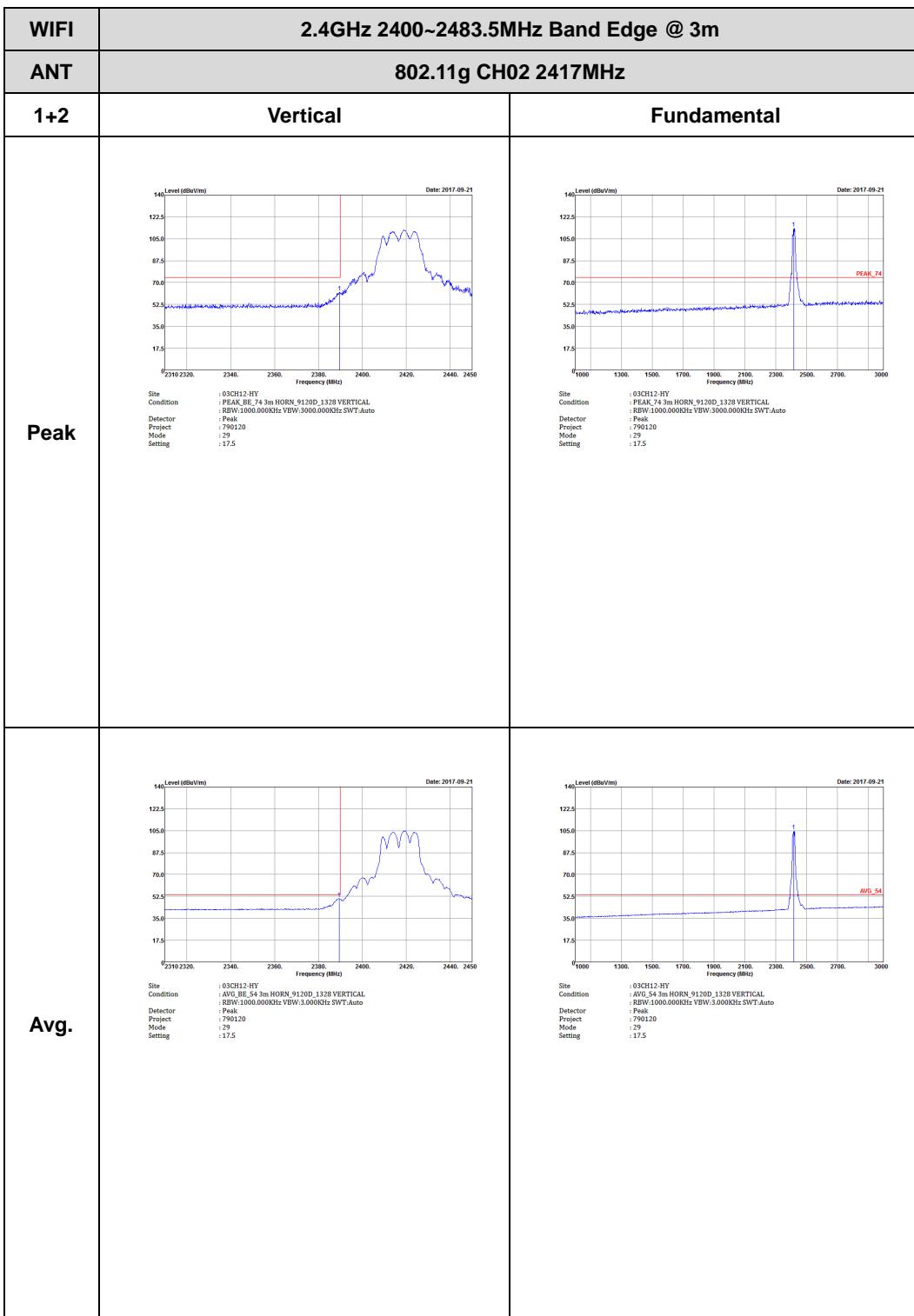
## 2.4GHz 2400~2483.5MHz

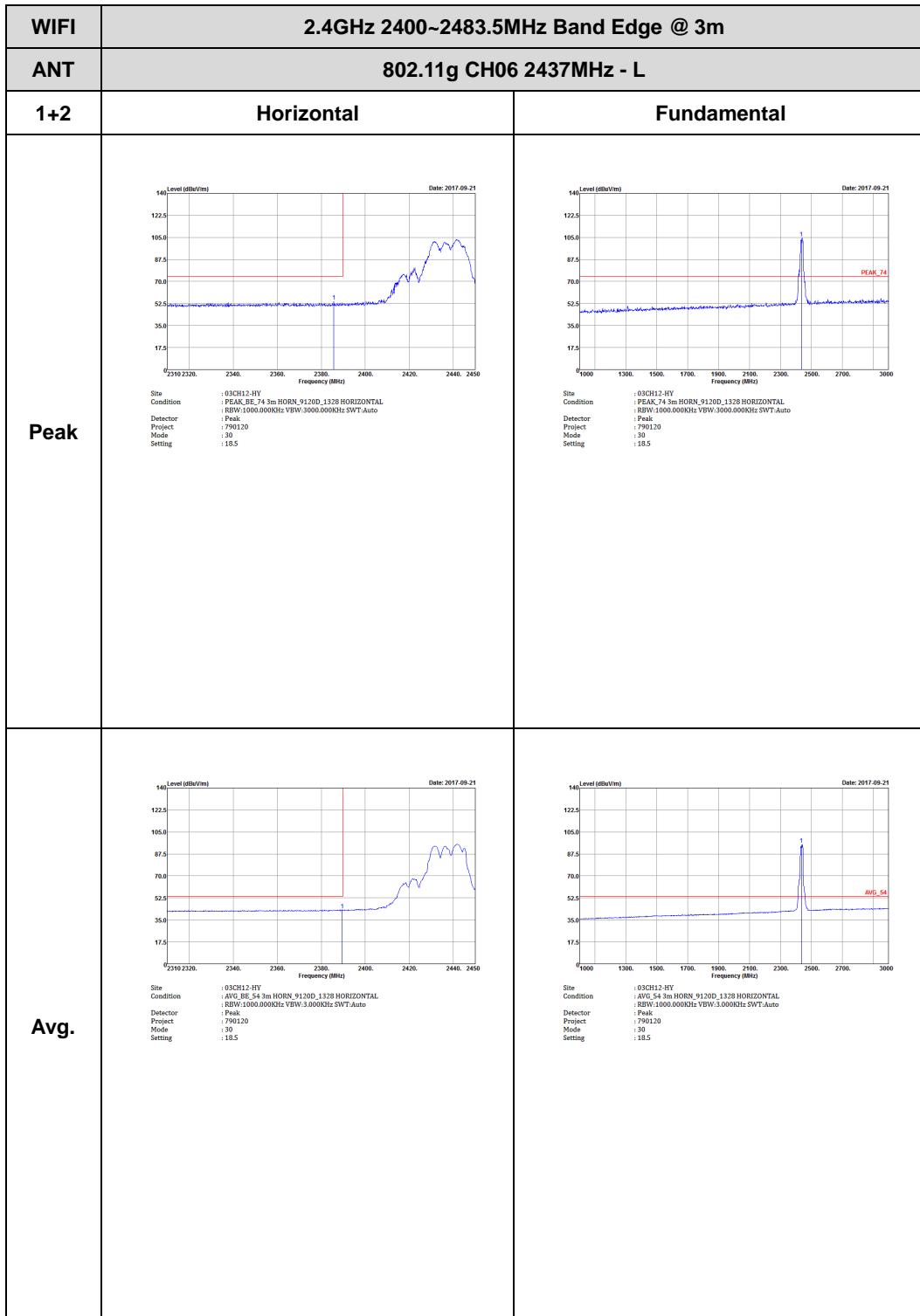
## WIFI 802.11g (Band Edge @ 3m)





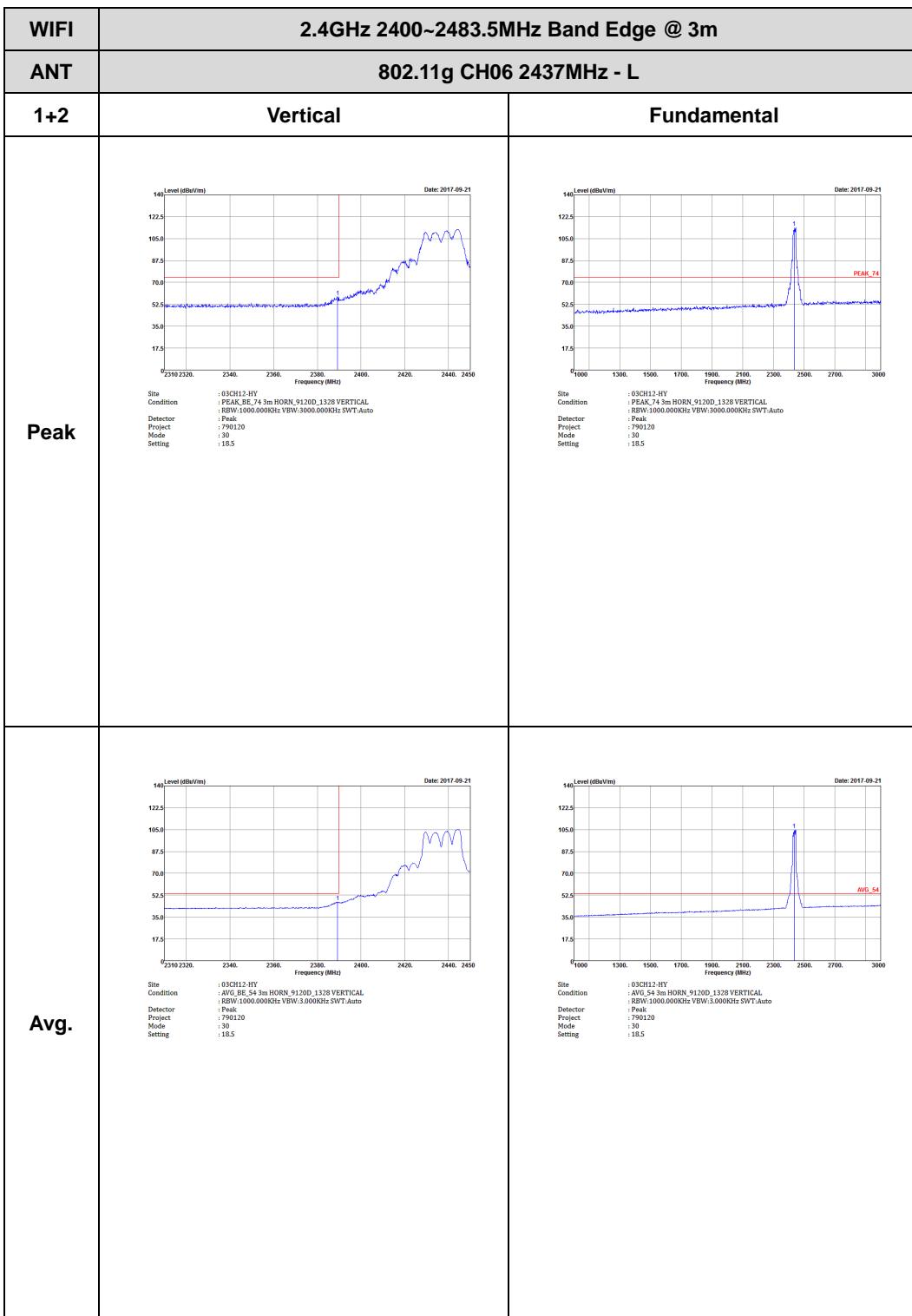






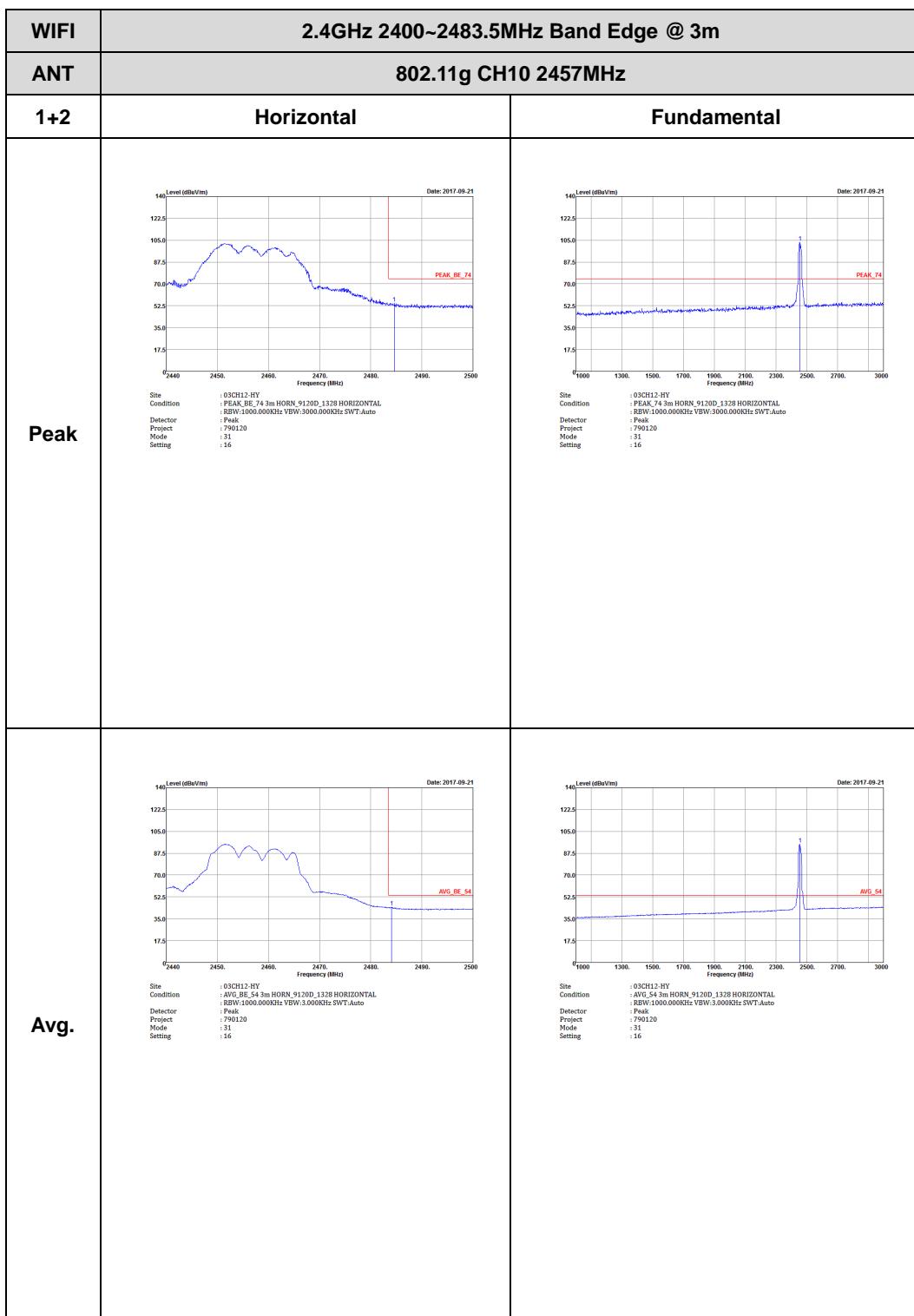


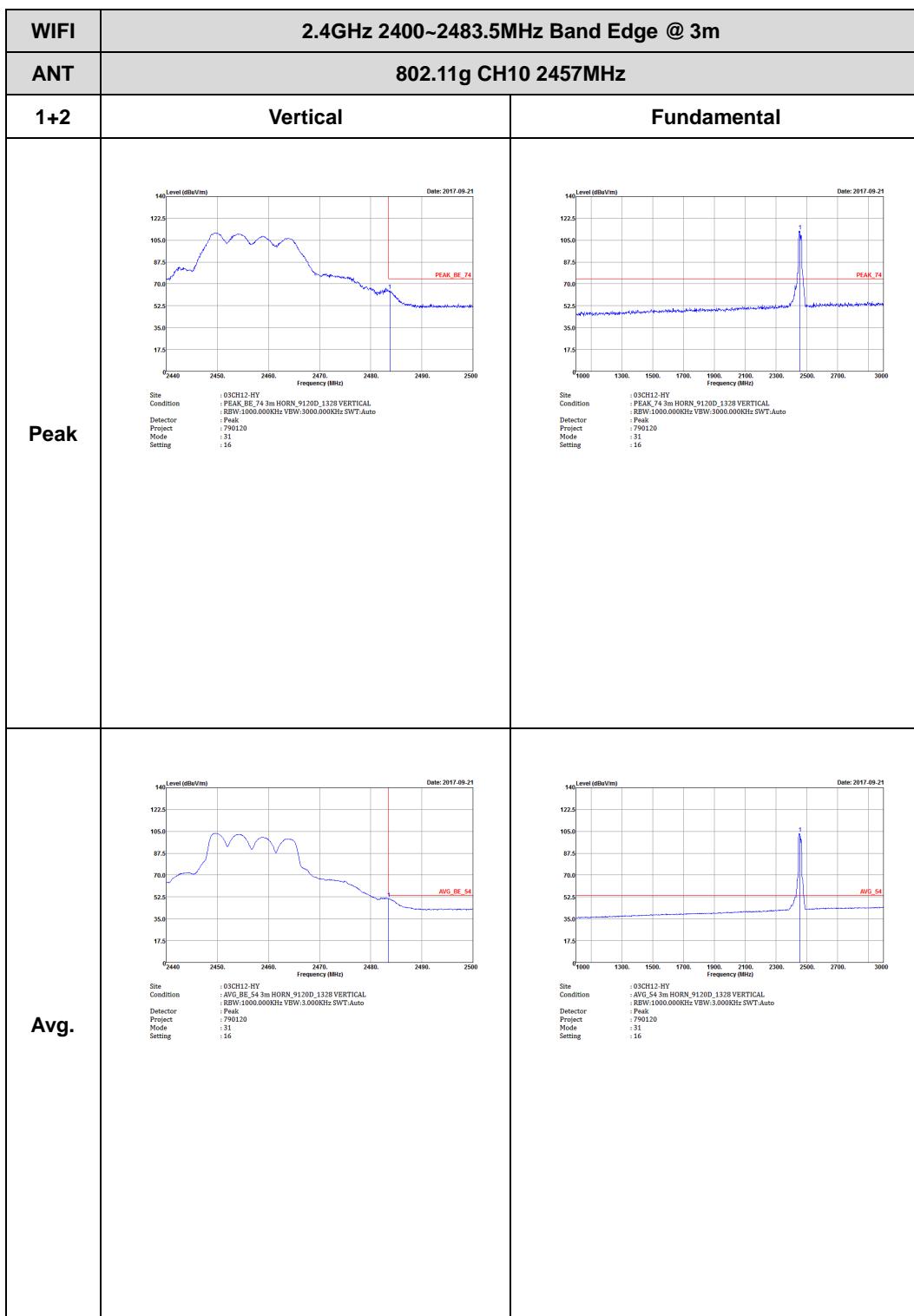
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Graph showing Level (dBm/m) vs Frequency (MHz). The x-axis ranges from 2430 to 2500 MHz, and the y-axis ranges from 17.5 to 140 dBm/m. A blue line represents the signal level. A red vertical line marks the peak at approximately 2437 MHz, labeled 'PEAK_BE_74'. A blue vertical line marks the fundamental frequency at approximately 2437 MHz, labeled '1'. The graph is dated 2017-09-21.</p> <p>Site: 030CH12-HN Condition: PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 790120 Mode: Peak Setting: 30 Setting: 18.5</p>	Left blank
Avg.	<p>Graph showing Level (dBm/m) vs Frequency (MHz). The x-axis ranges from 2430 to 2500 MHz, and the y-axis ranges from 17.5 to 140 dBm/m. A blue line represents the signal level. A red vertical line marks the average level at approximately 2437 MHz, labeled 'AVG_BE_54'. A blue vertical line marks the fundamental frequency at approximately 2437 MHz, labeled '1'. The graph is dated 2017-09-21.</p> <p>Site: 030CH12-HV Condition: AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector: RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project: 790120 Mode: Peak Setting: 30 Setting: 18.5</p>	Left blank

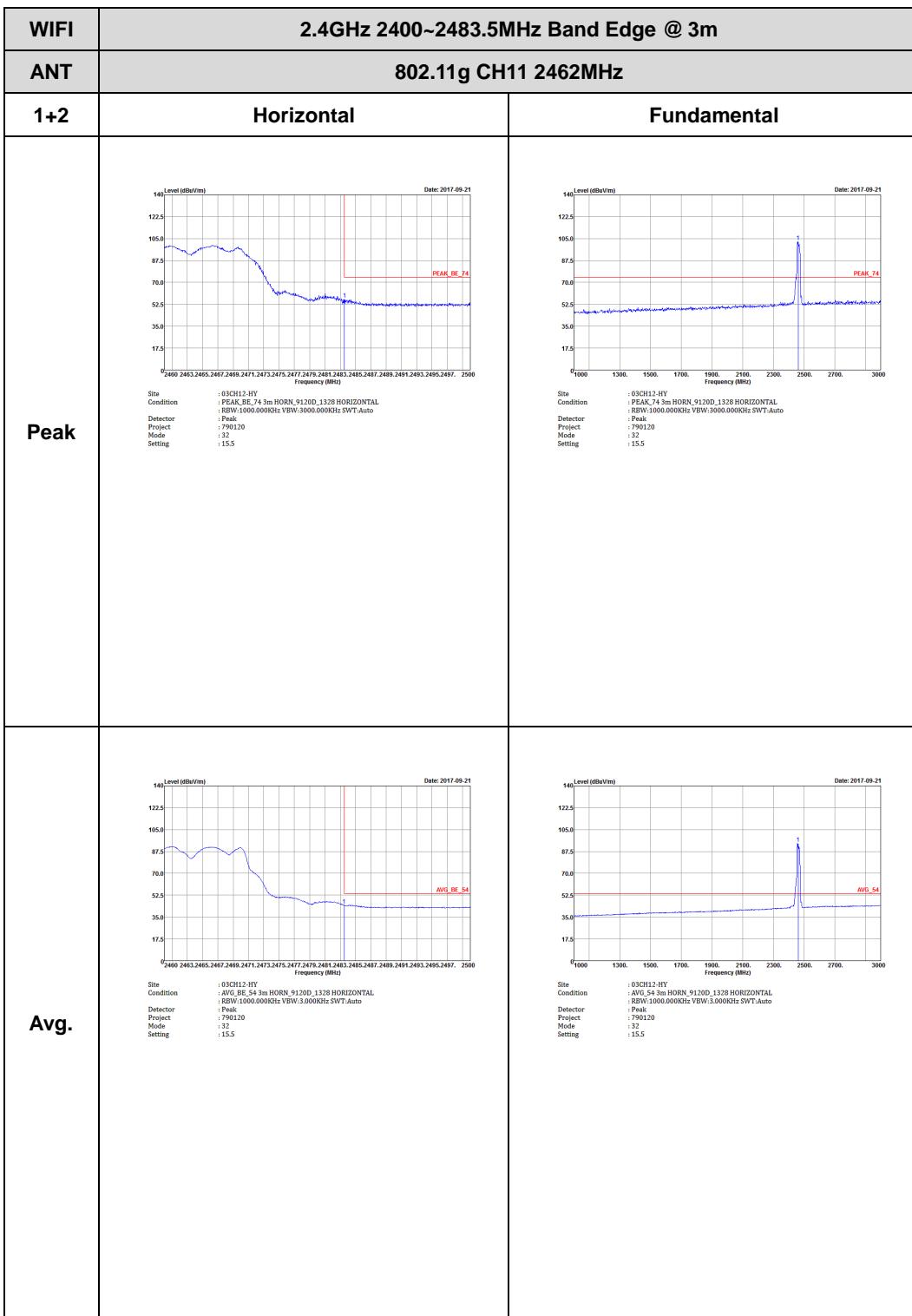


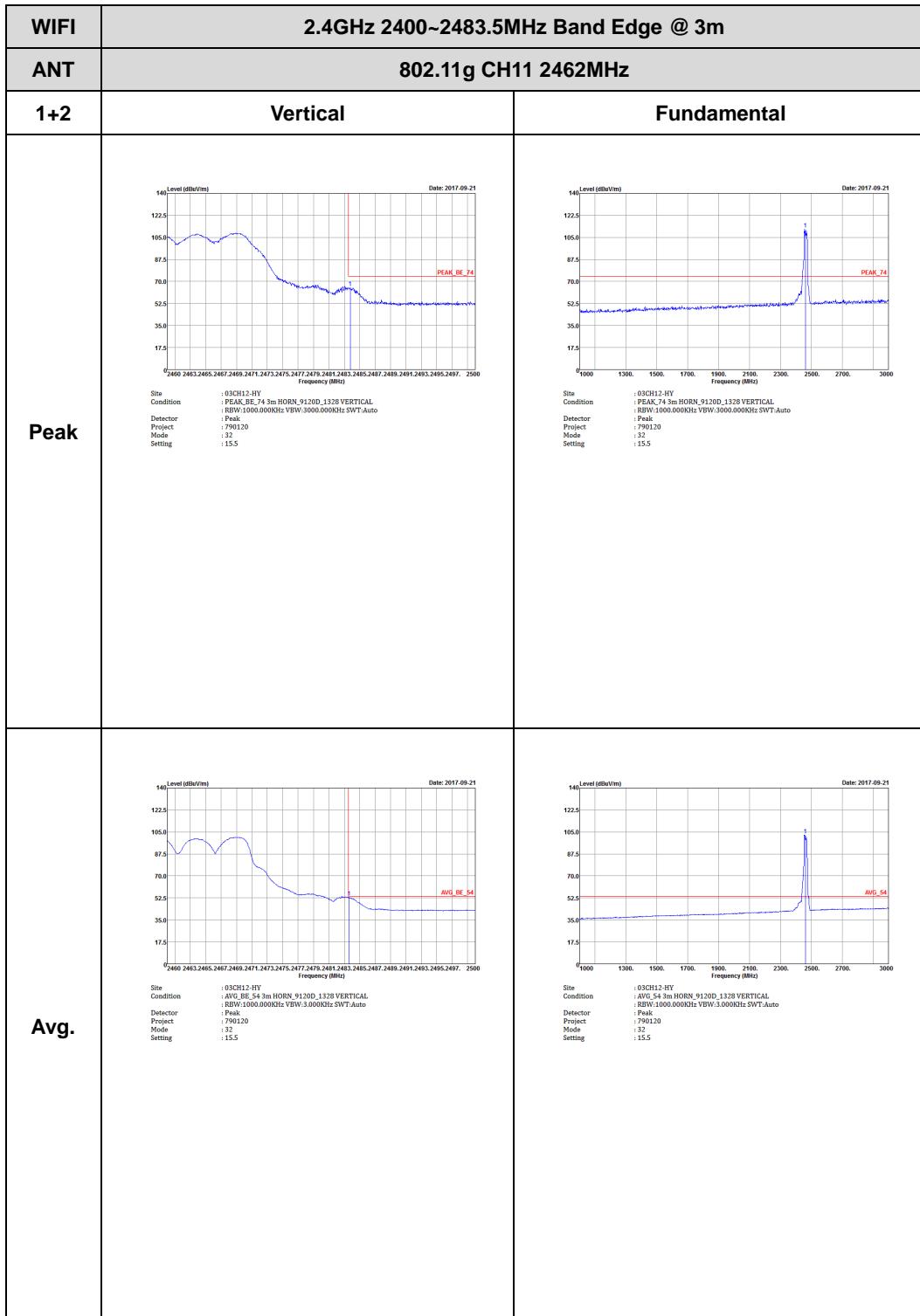


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Date: 2017-09-21 Site: 030CH12-HN Condition: PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector: RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project: 790120 Mode: Peak Setting: 30 18.5</p>	Left Blank
Avg.	<p>Date: 2017-09-21 Site: 030CH12-HV Condition: AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector: RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project: 790120 Mode: Peak Setting: 30 18.5</p>	Left Blank





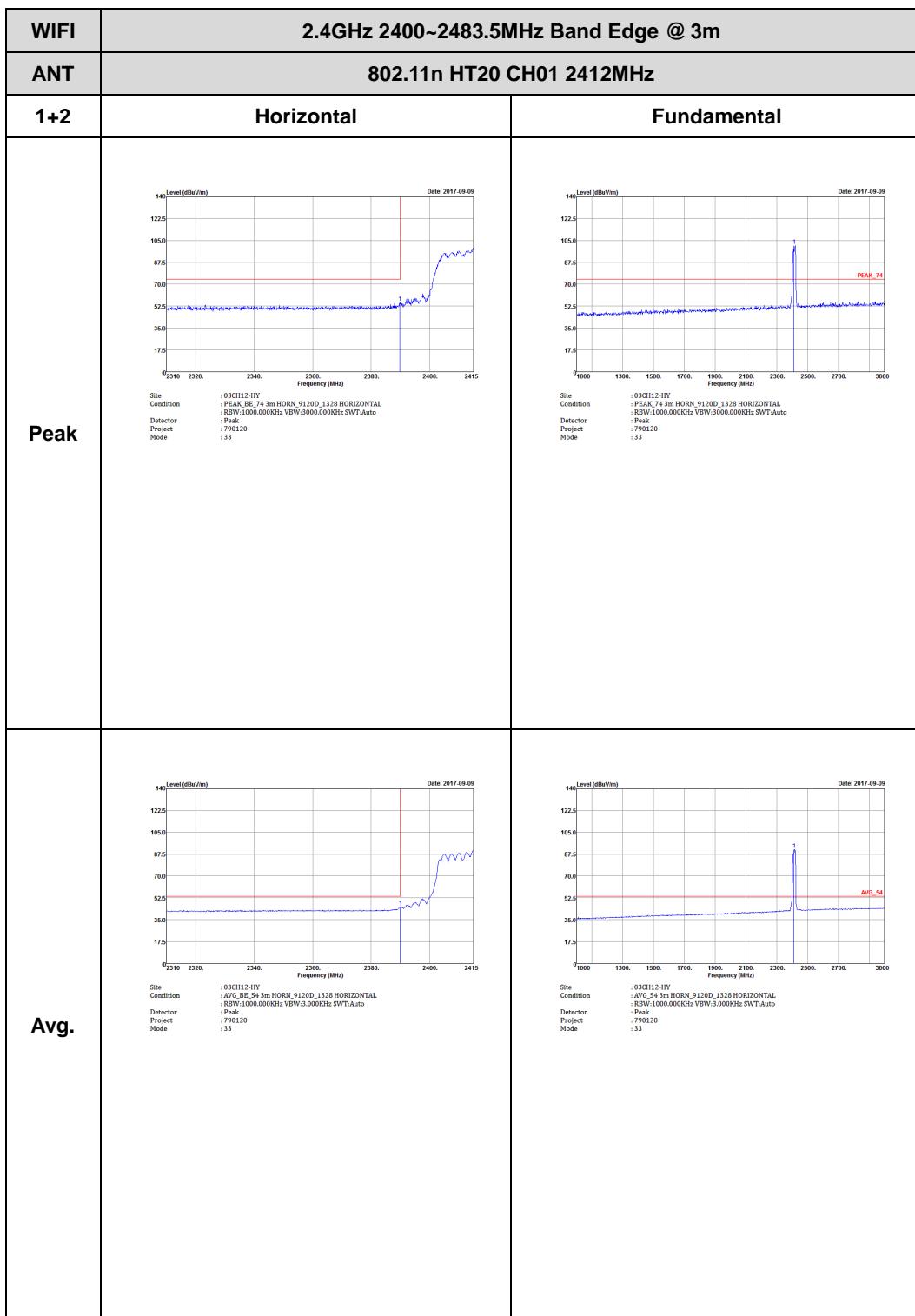


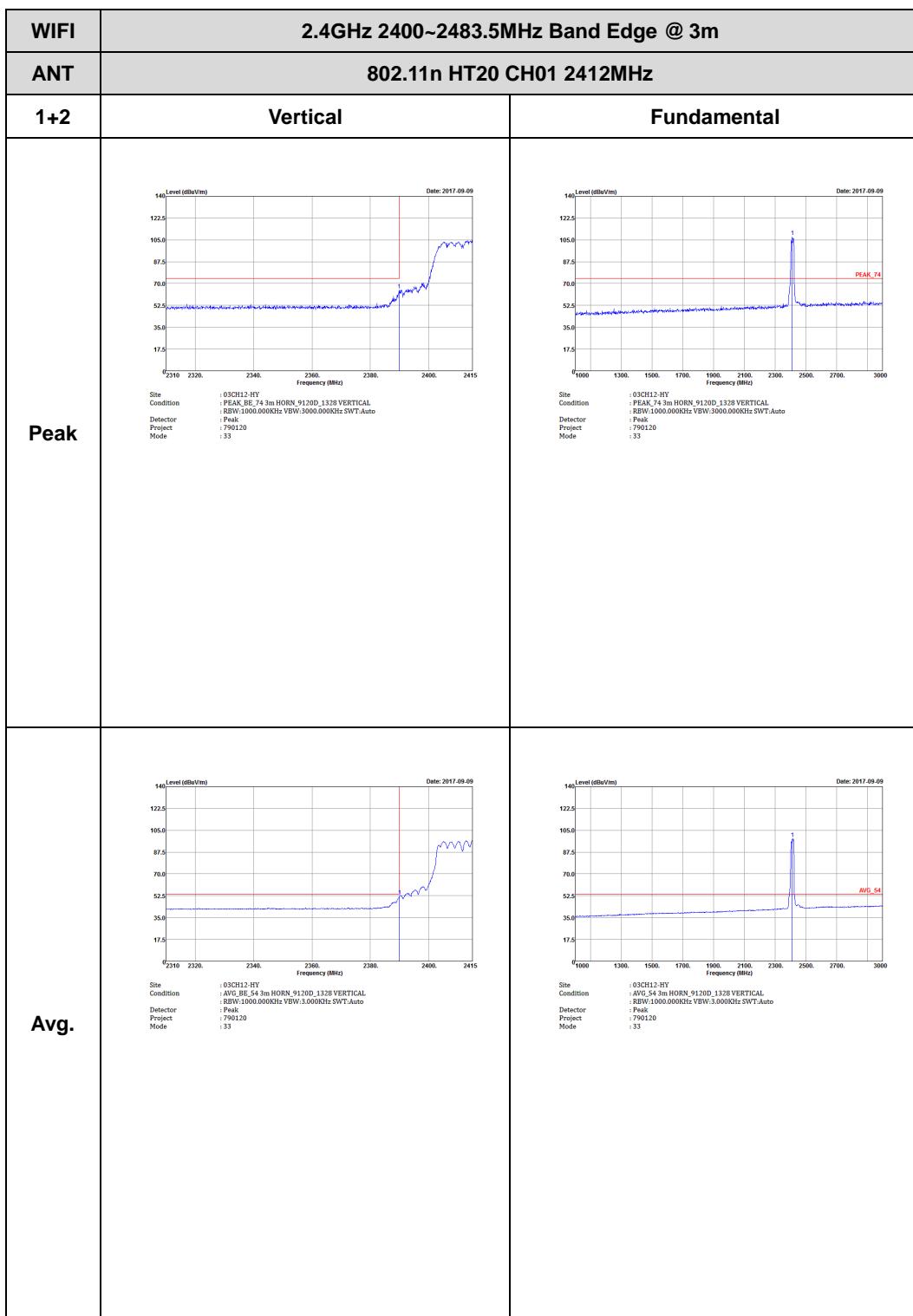


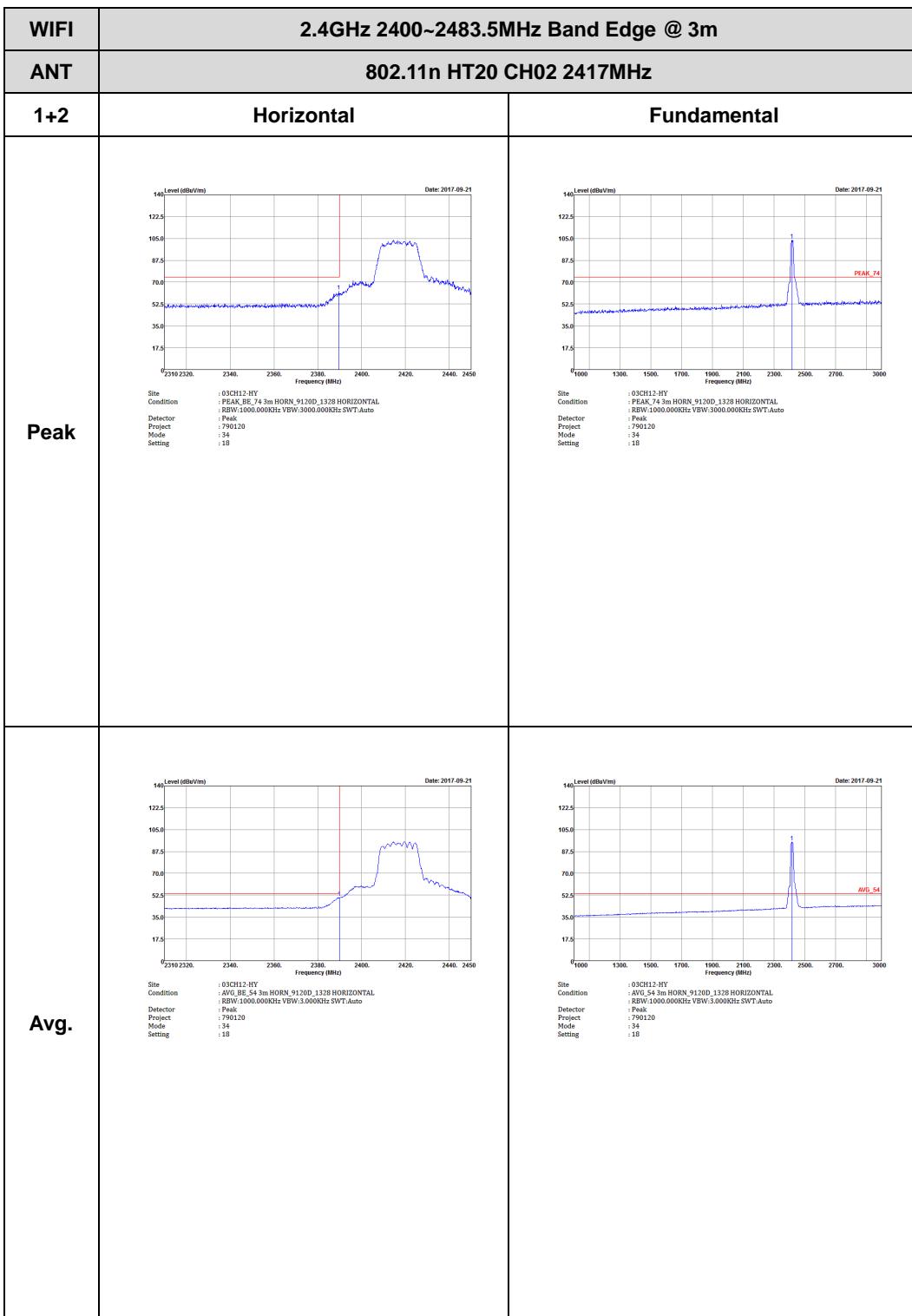


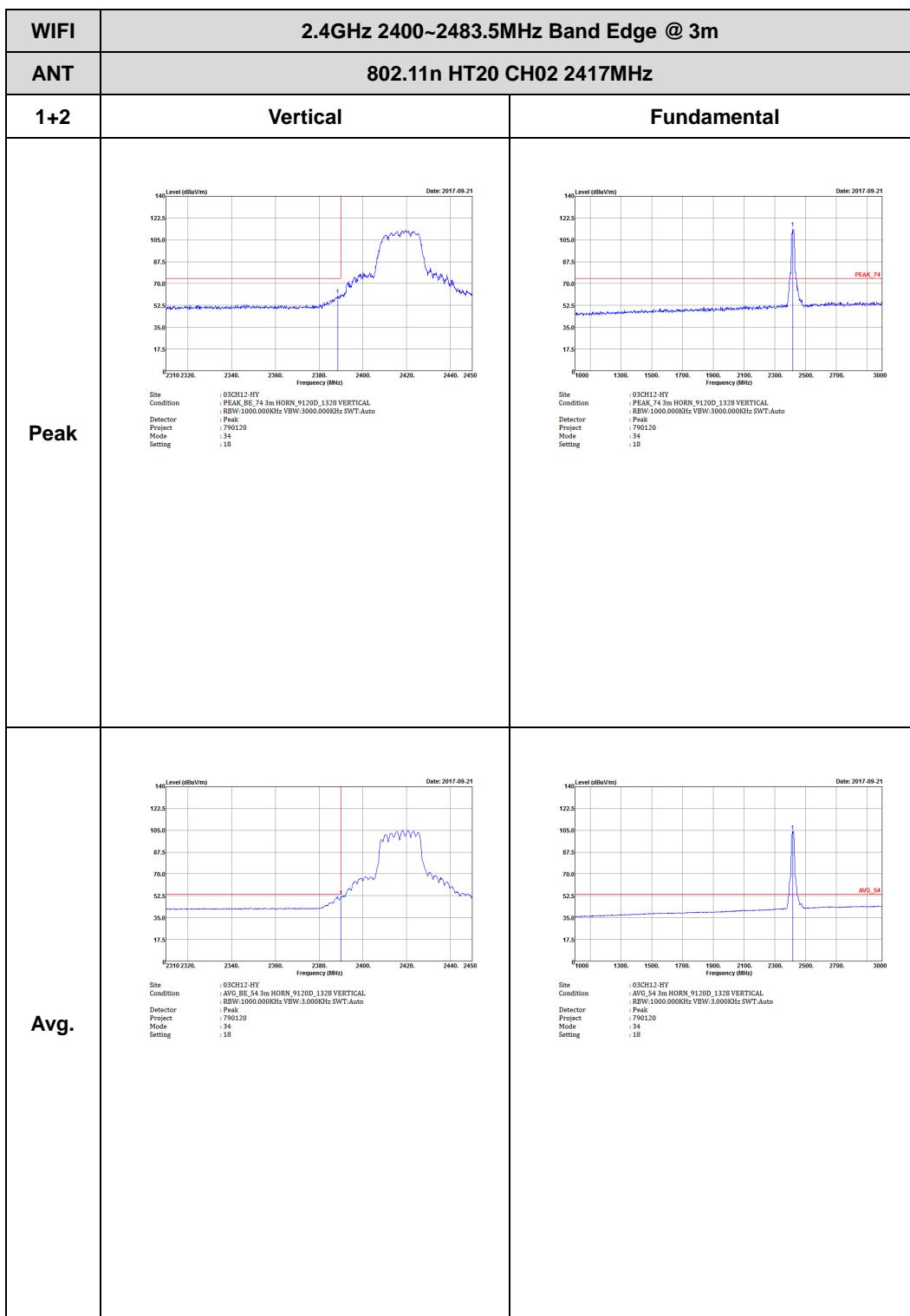
## 2.4GHz 2400~2483.5MHz

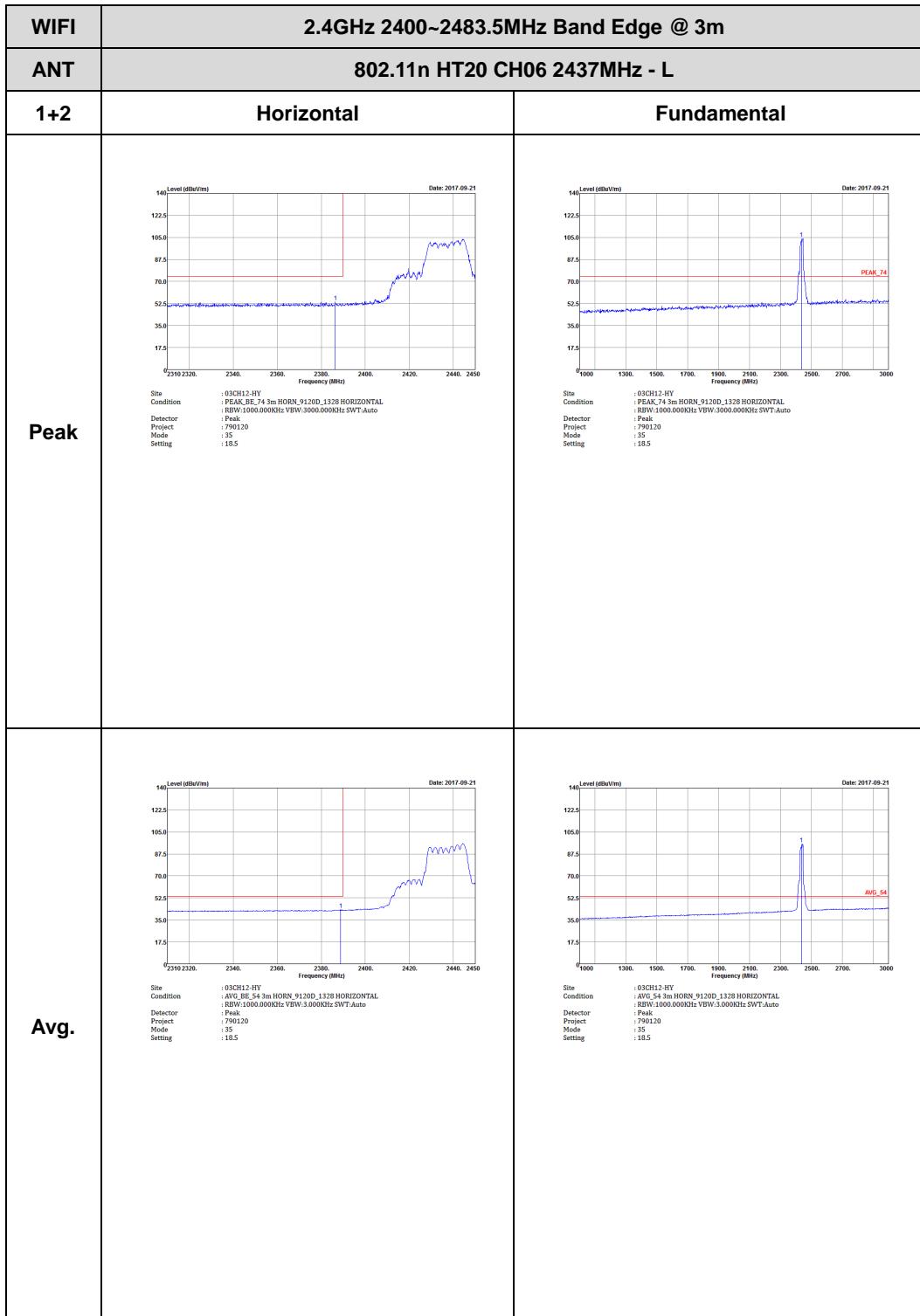
## WIFI 802.11n HT20 (Band Edge @ 3m)





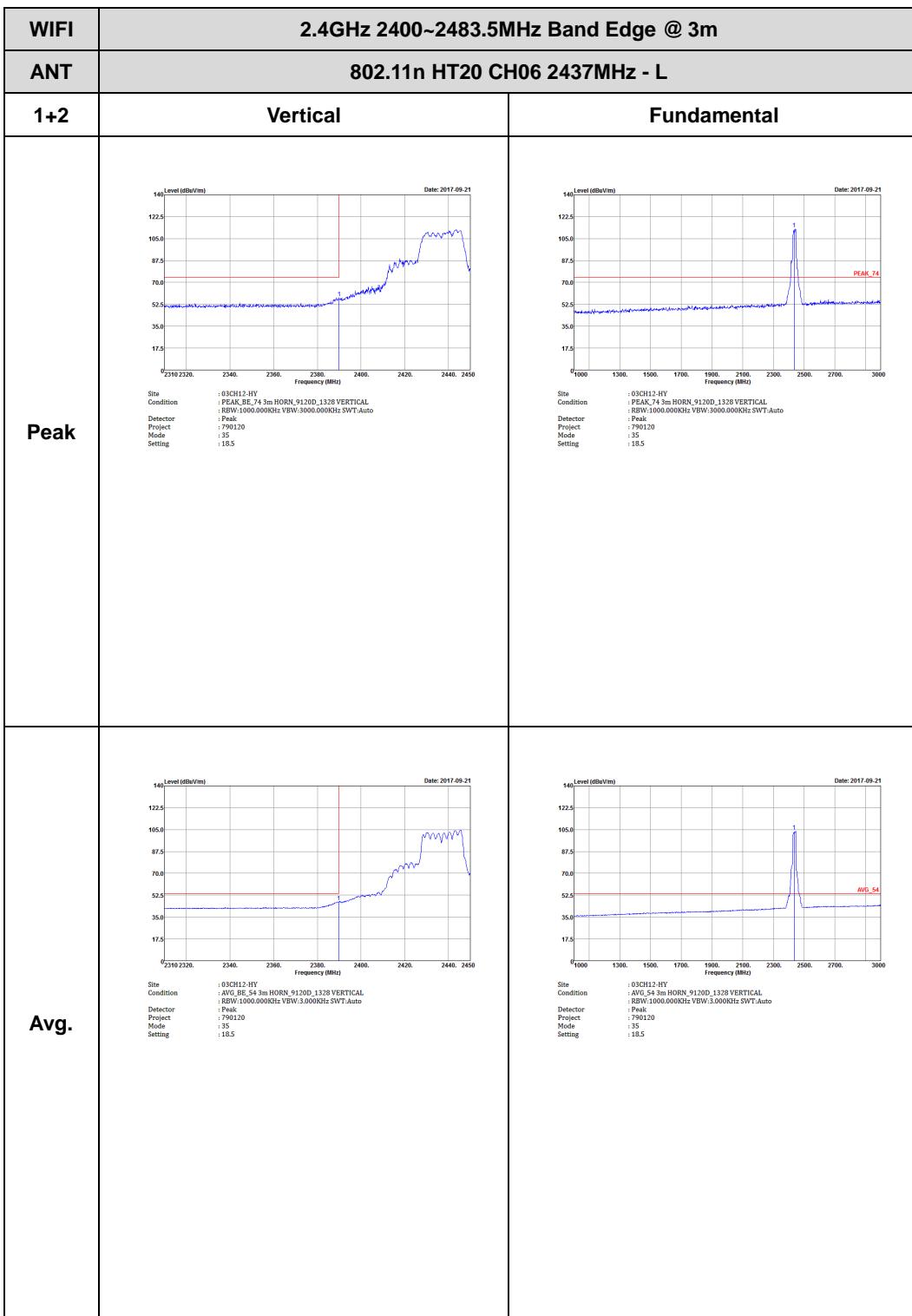






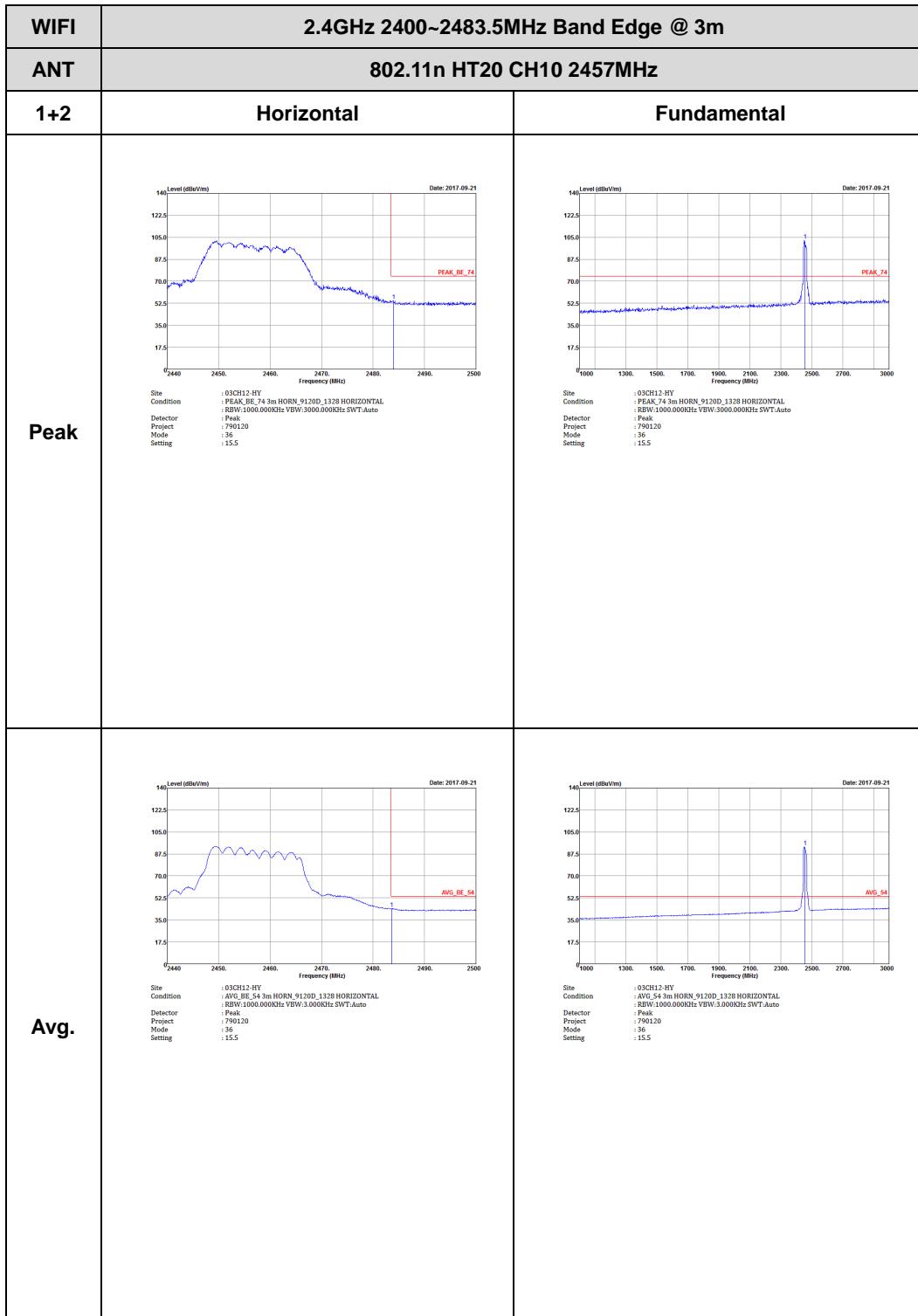


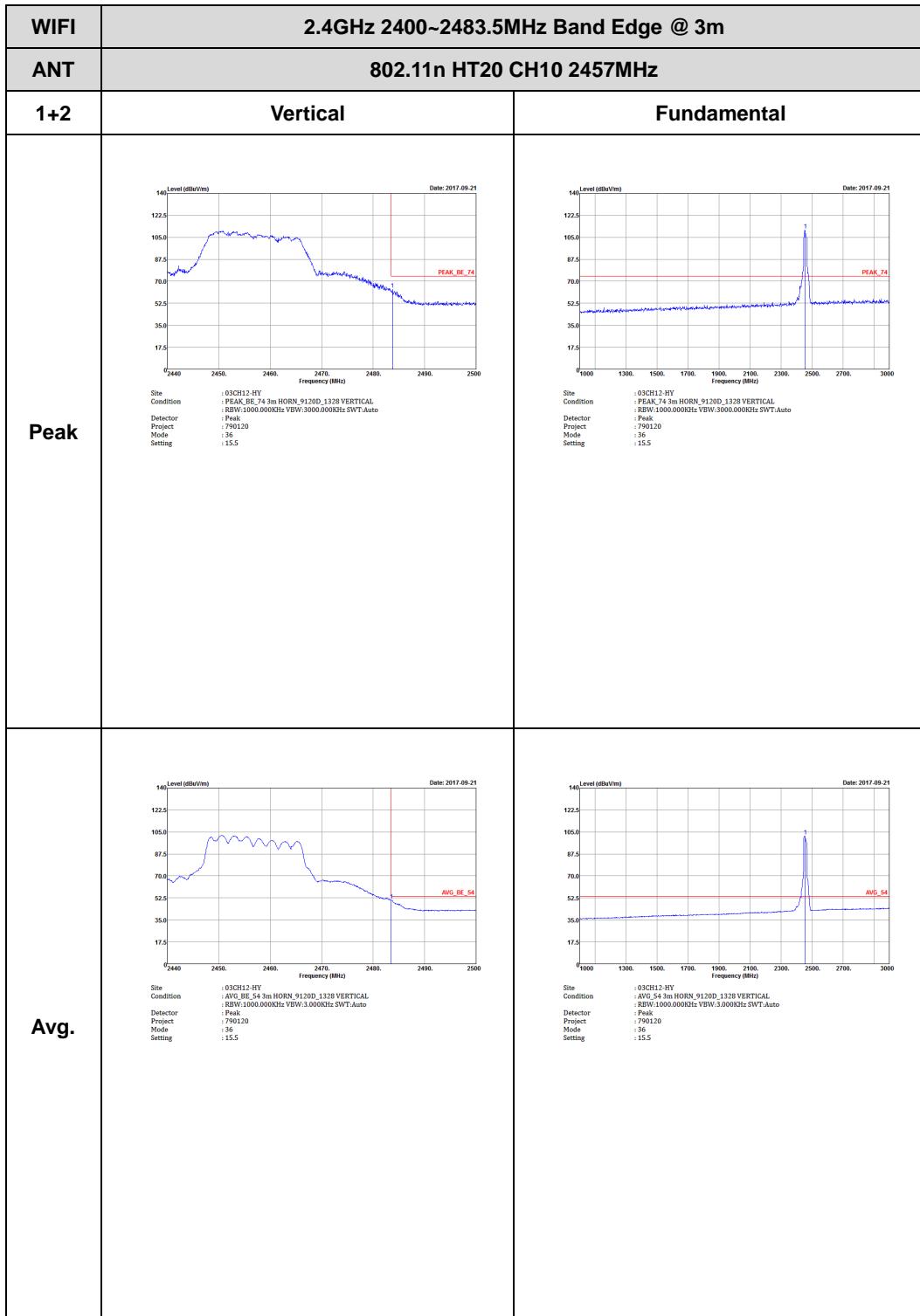
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Site : 030CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 790120 Mode : Peak Setting : 35 Setting : 18.5</p>	Left blank
Avg.	<p>Site : 030CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 790120 Mode : Peak Setting : 35 Setting : 18.5</p>	Left blank

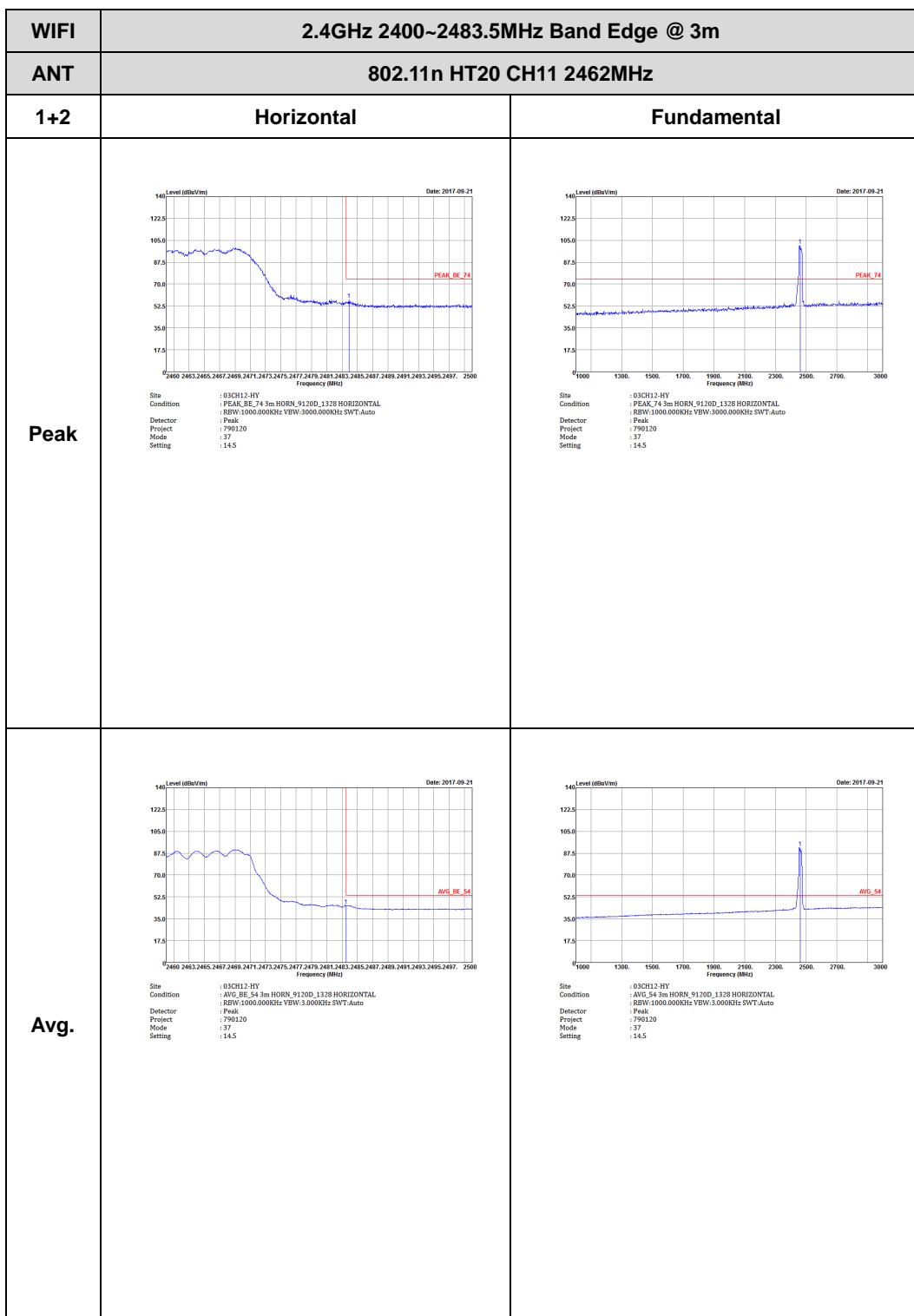


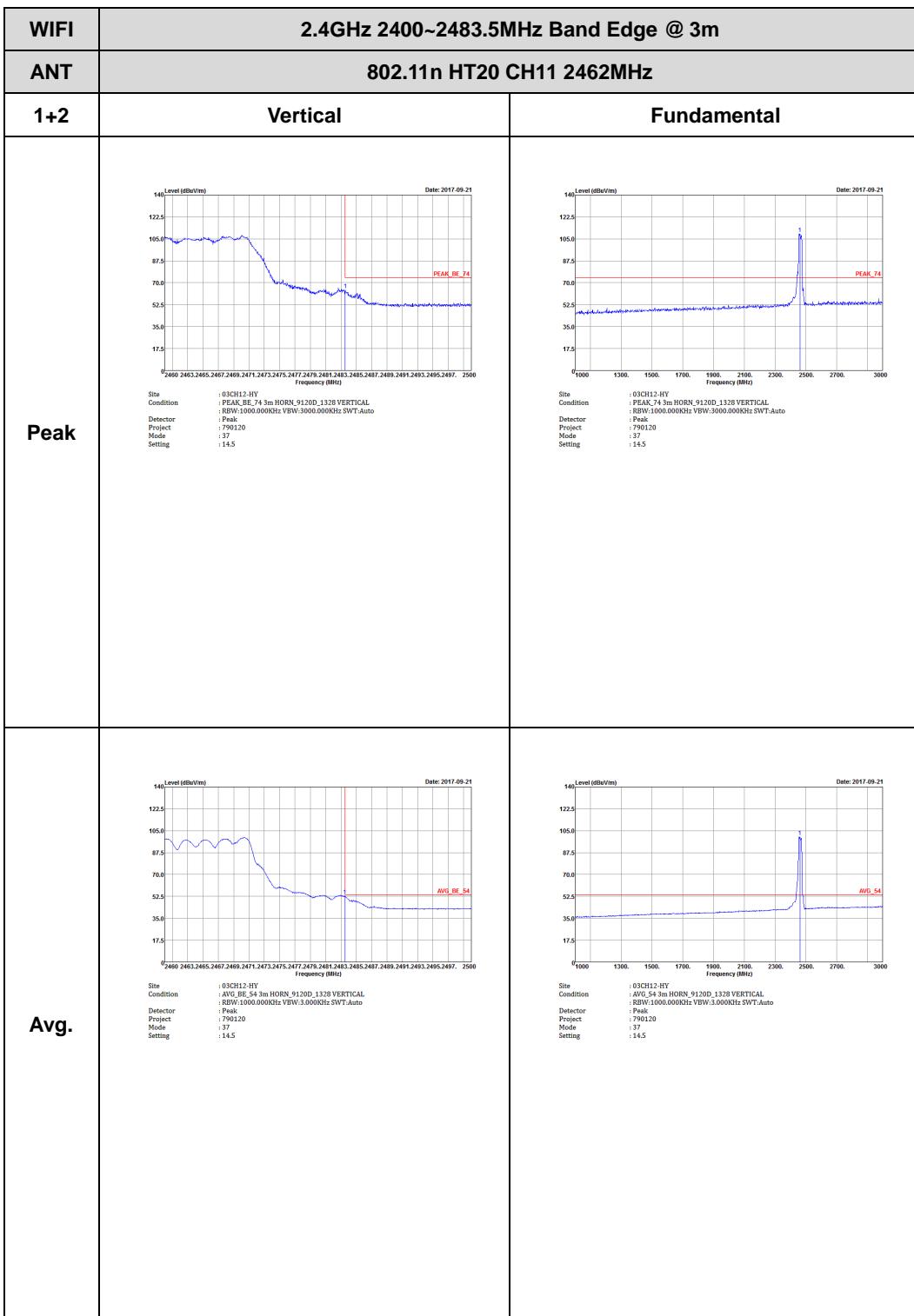


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Site : 030CH12-HN Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 790120 Mode : Peak Setting : 35 Setting : 18.5</p>	Left Blank
Avg.	<p>Site : 030CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 790120 Mode : Peak Setting : 35 Setting : 18.5</p>	Left Blank





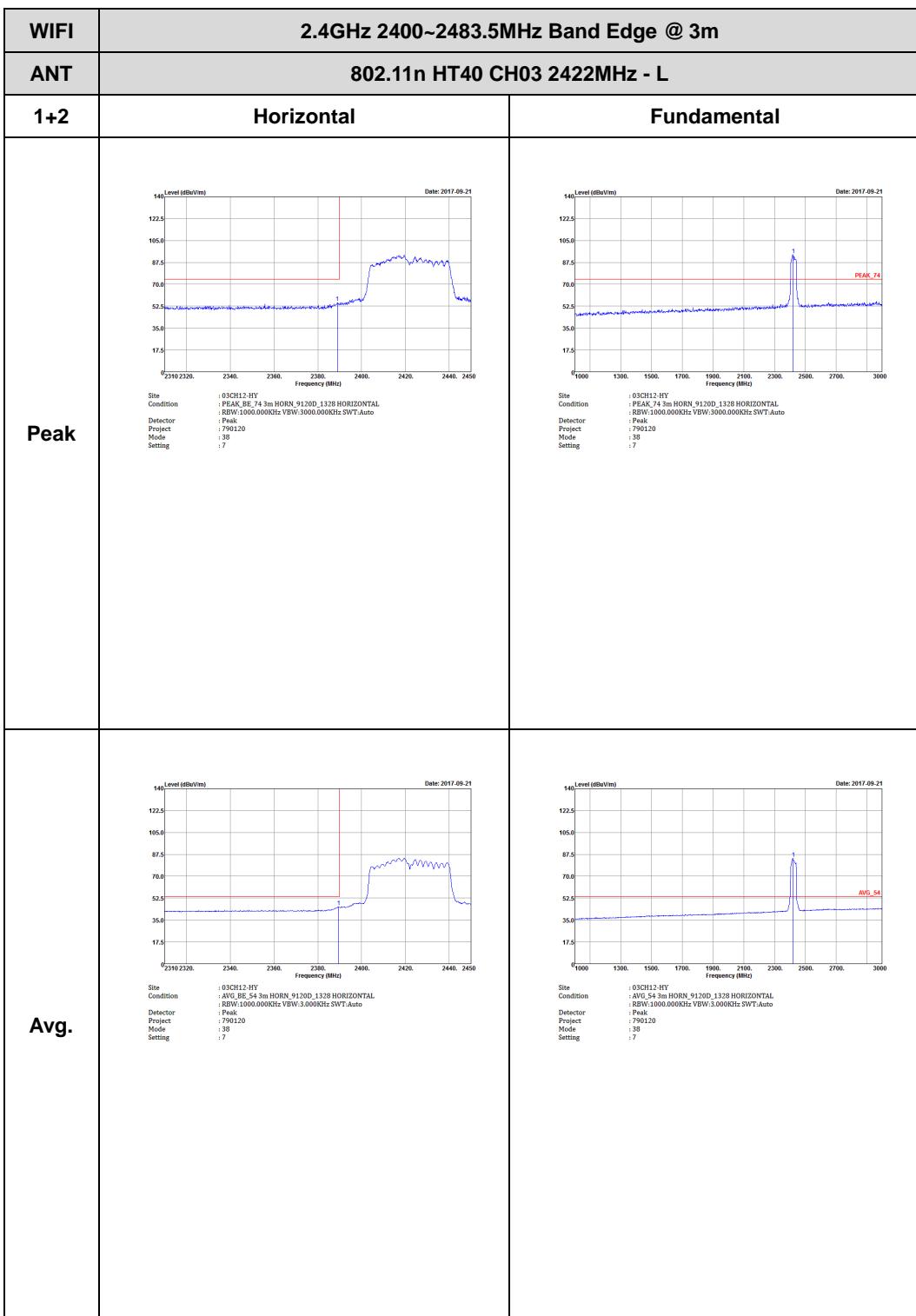




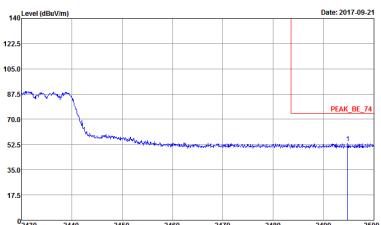


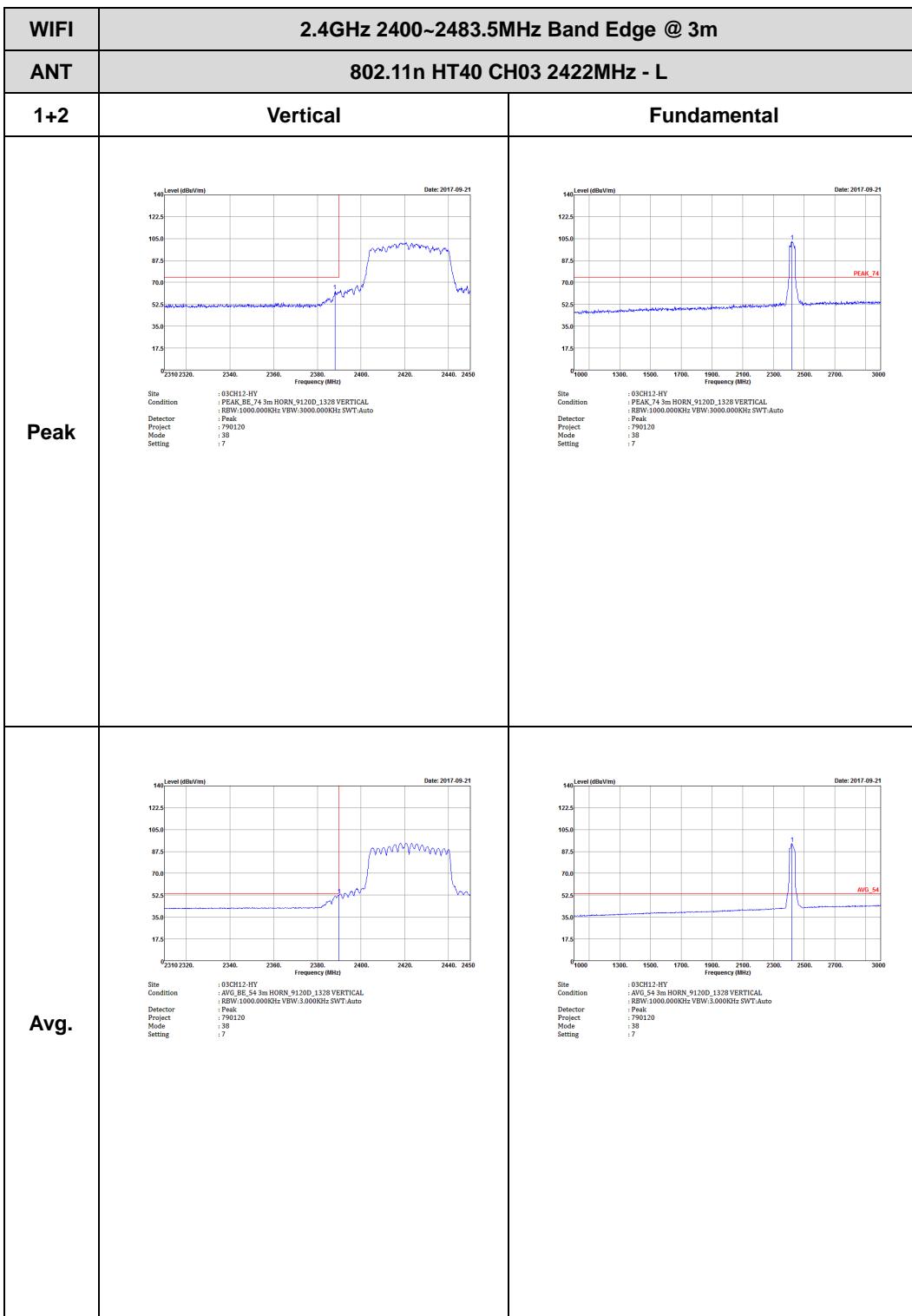
## 2.4GHz 2400~2483.5MHz

## WIFI 802.11n HT40 (Band Edge @ 3m)

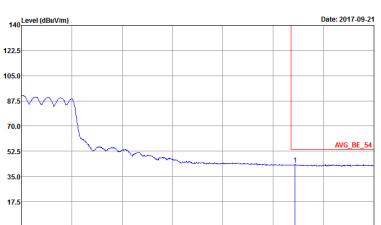


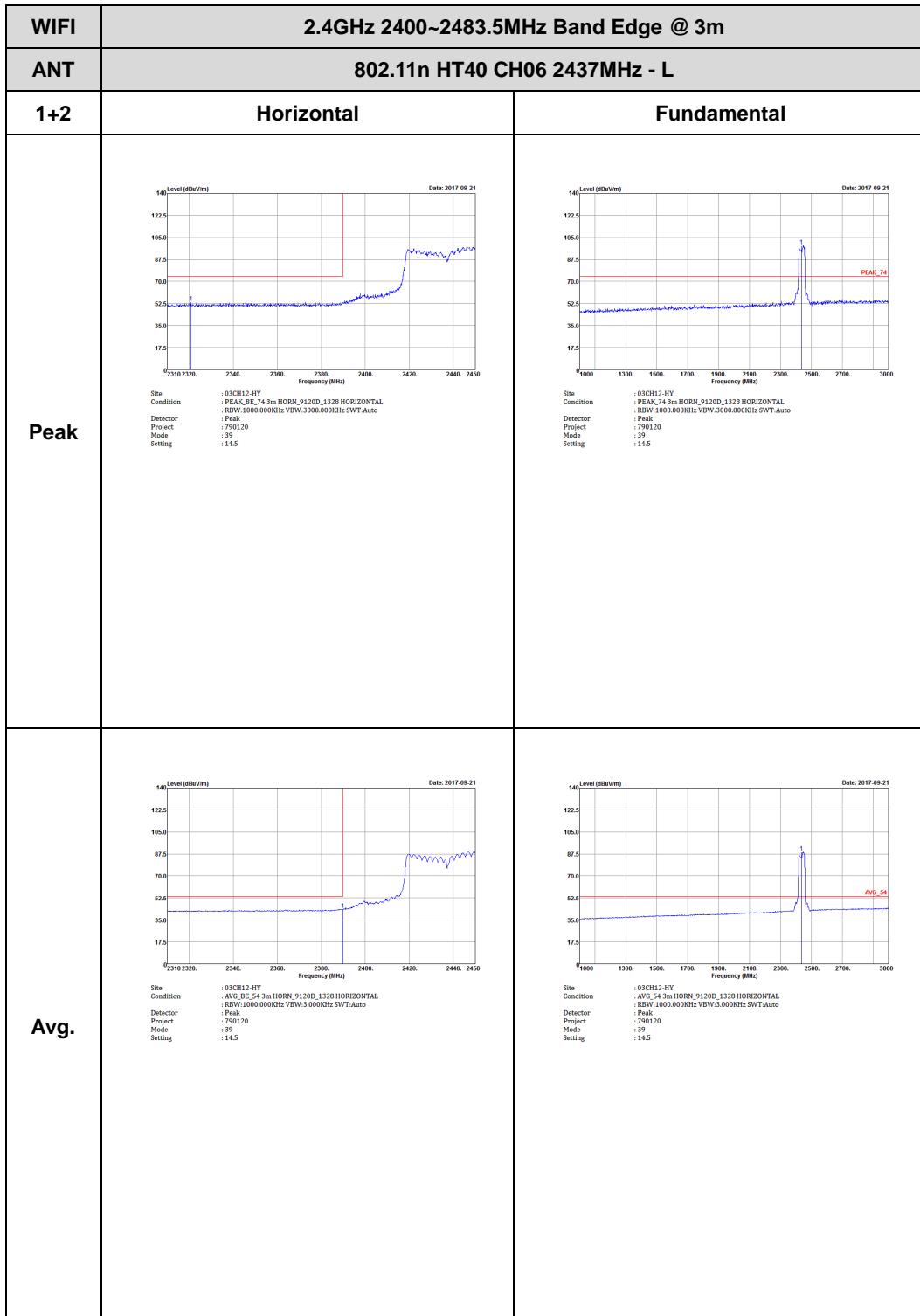


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBm/V/m)</p> <p>Date: 2017-09-21</p> <p>Frequency (MHz)</p> <p>Site: 030CH12-HN Condition: PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 790120 Mode: Peak Setting: 38 7</p> <p>Avg.</p> <p>Level (dBm/V/m)</p> <p>Date: 2017-09-21</p> <p>Frequency (MHz)</p> <p>Site: 030CH12-HV Condition: AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector: RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project: 790120 Mode: Peak Setting: 38 7</p>	Left Blank
Avg.		Left Blank



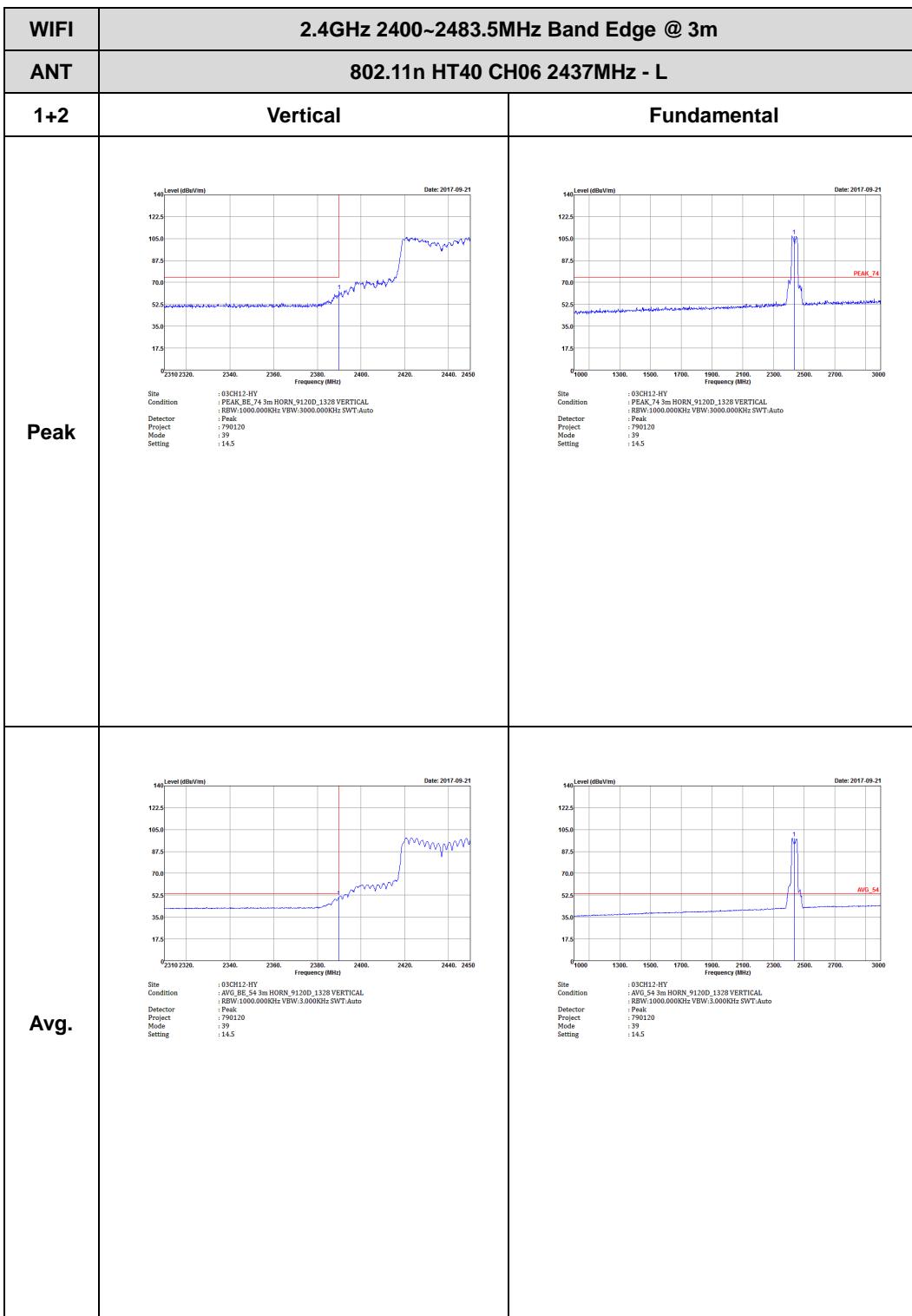


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Level (dBm/V/m)</p> <p>Date: 2017-09-21</p> <p>Frequency (MHz)</p> <p>Site: 030CH12-HN Condition: PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector: RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project: 790120 Mode: Peak Setting: 38 7</p>	Left blank
Avg.	 <p>Level (dBm/V/m)</p> <p>Date: 2017-09-21</p> <p>Frequency (MHz)</p> <p>Site: 030CH12-HV Condition: AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector: RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project: 790120 Mode: Peak Setting: 38 7</p>	Left blank



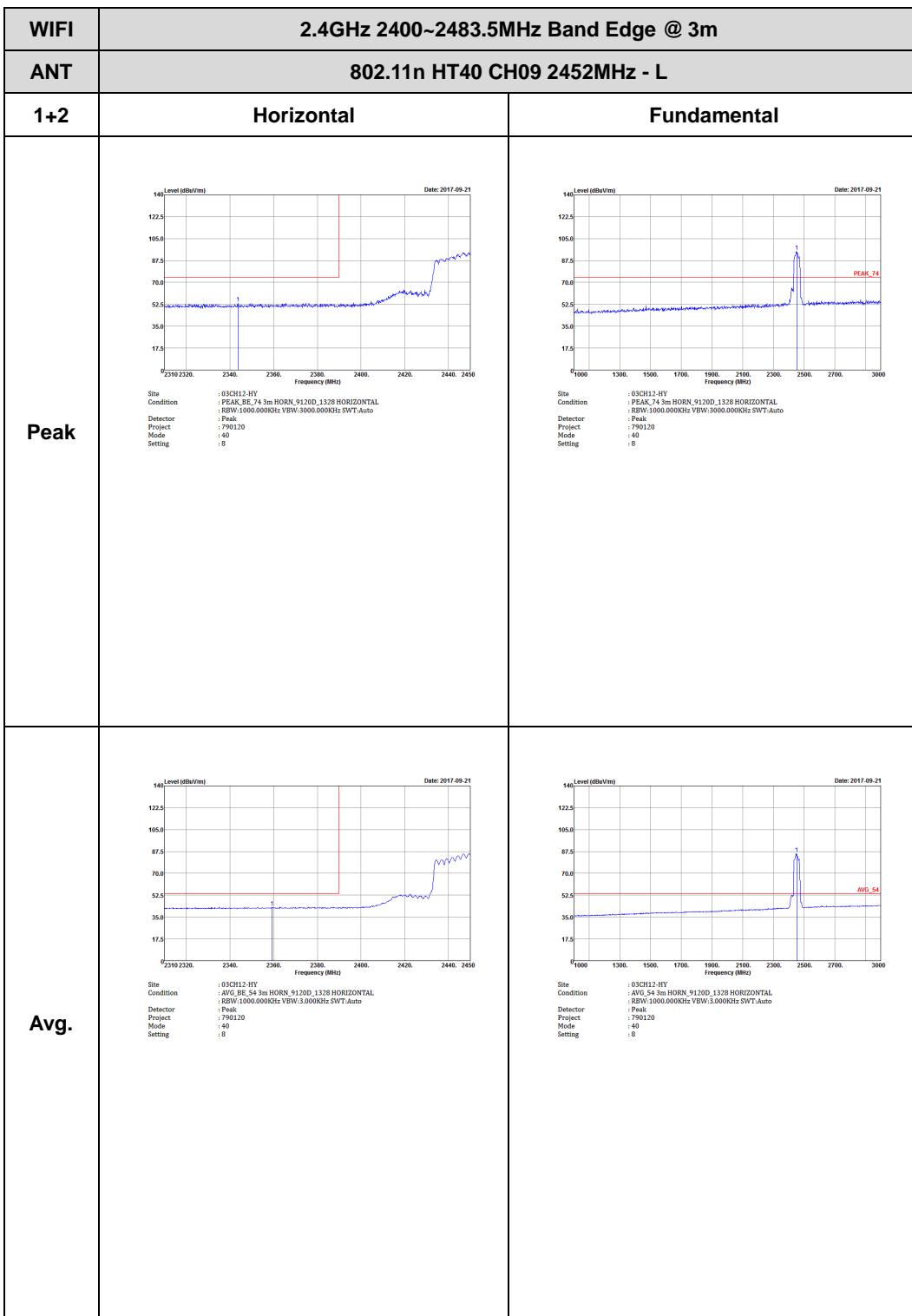


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 030CH12-HN Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 790120 Mode : 39 Setting : 14.5	Left blank
Avg.	 Site : 030CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 790120 Mode : 39 Setting : 14.5	Left blank



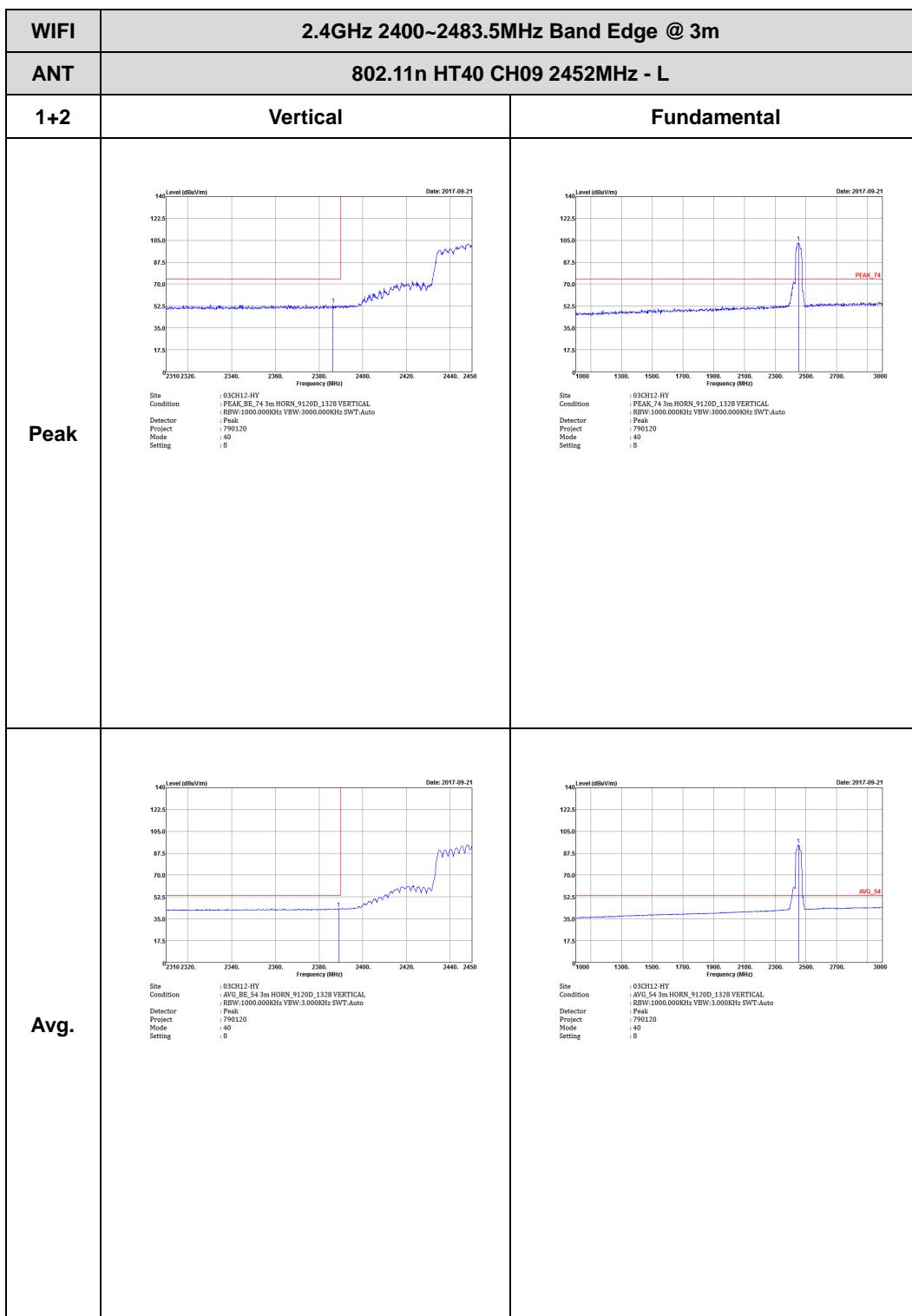


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 030CH12-HN Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWF:Auto Project : 790120 Mode : 39 Setting : 14.5	Left blank
Avg.	 Site : 030CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWF:Auto Project : 790120 Mode : 39 Setting : 14.5	Left blank

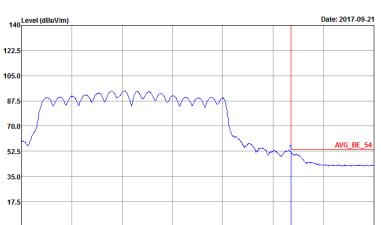




WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Site : 030CH12-HN Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 790120 Mode : Peak Setting : 40 Setting : 8</p>	Left blank
Avg.	<p>Site : 030CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 790120 Mode : Avg Setting : 40 Setting : 8</p>	Left blank



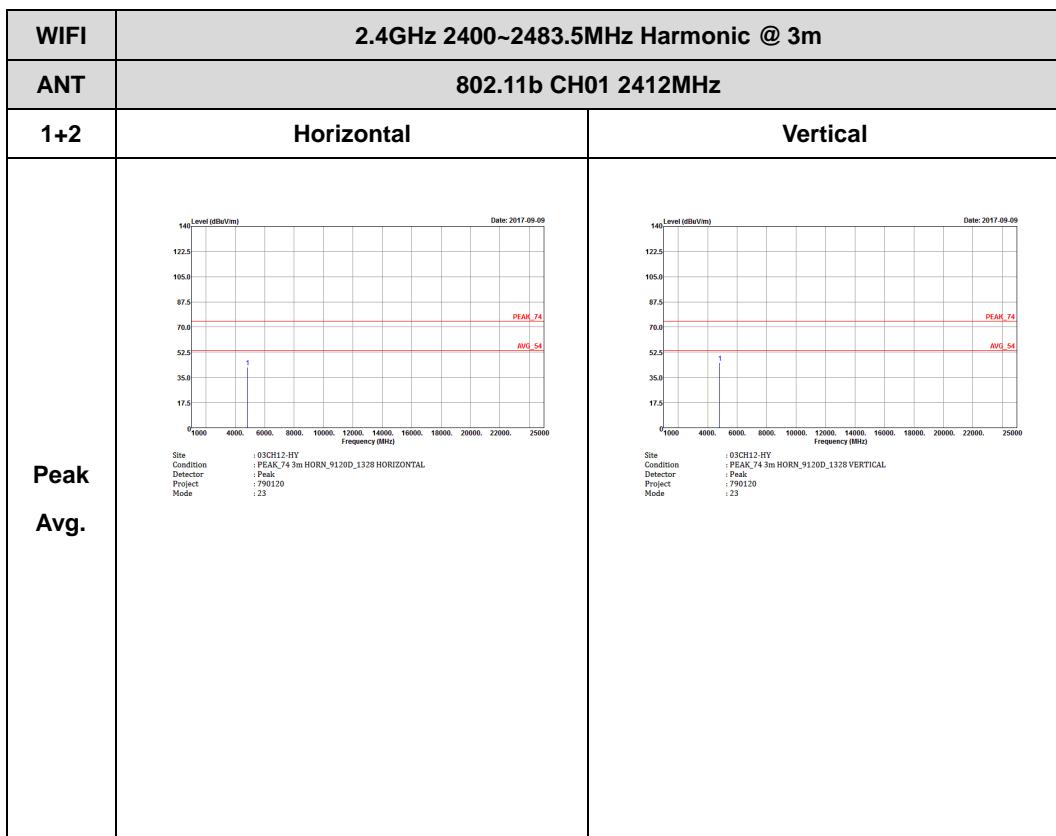


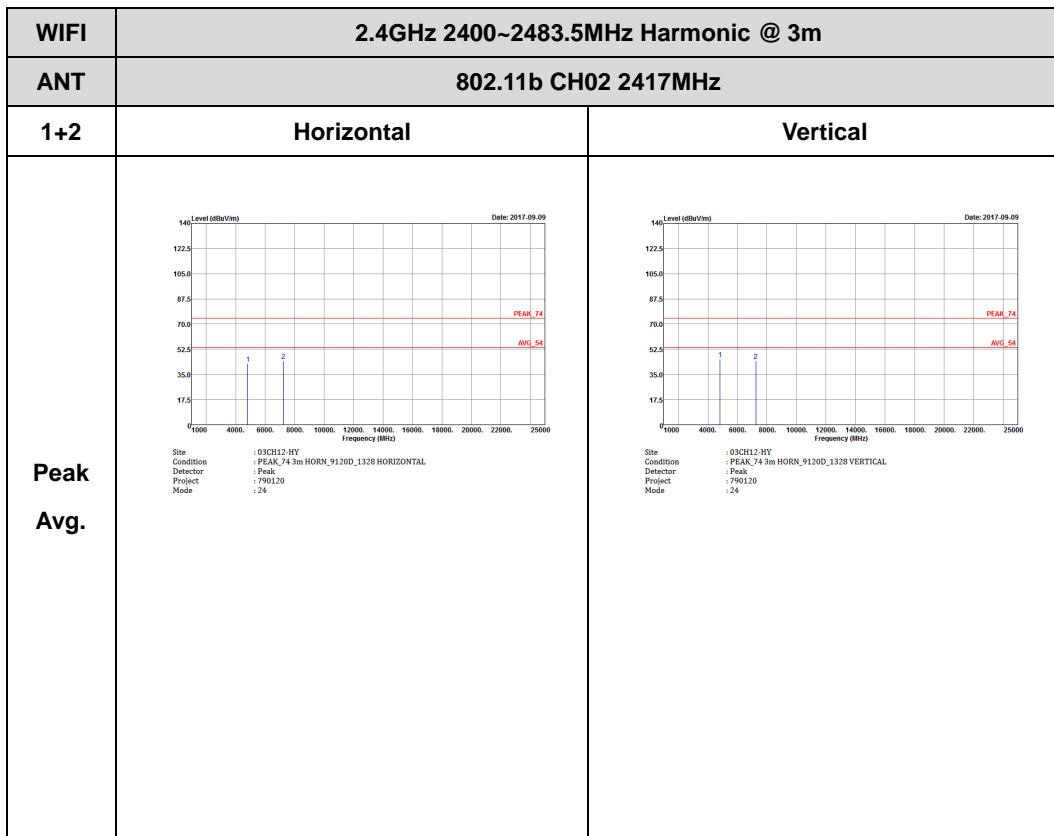
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Level (dBm/V/m)</p> <p>Date: 2017-09-21</p> <p>Frequency (MHz)</p> <p>Site: 0301H12-HN Condition: PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 790120 Mode: Peak Setting: 40 8</p> <p>Left blank</p>	
Avg.	 <p>Level (dBm/V/m)</p> <p>Date: 2017-09-21</p> <p>Frequency (MHz)</p> <p>Site: 0301H12-HV Condition: AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector: RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project: 790120 Mode: Avg Setting: 40 8</p> <p>Left blank</p>	

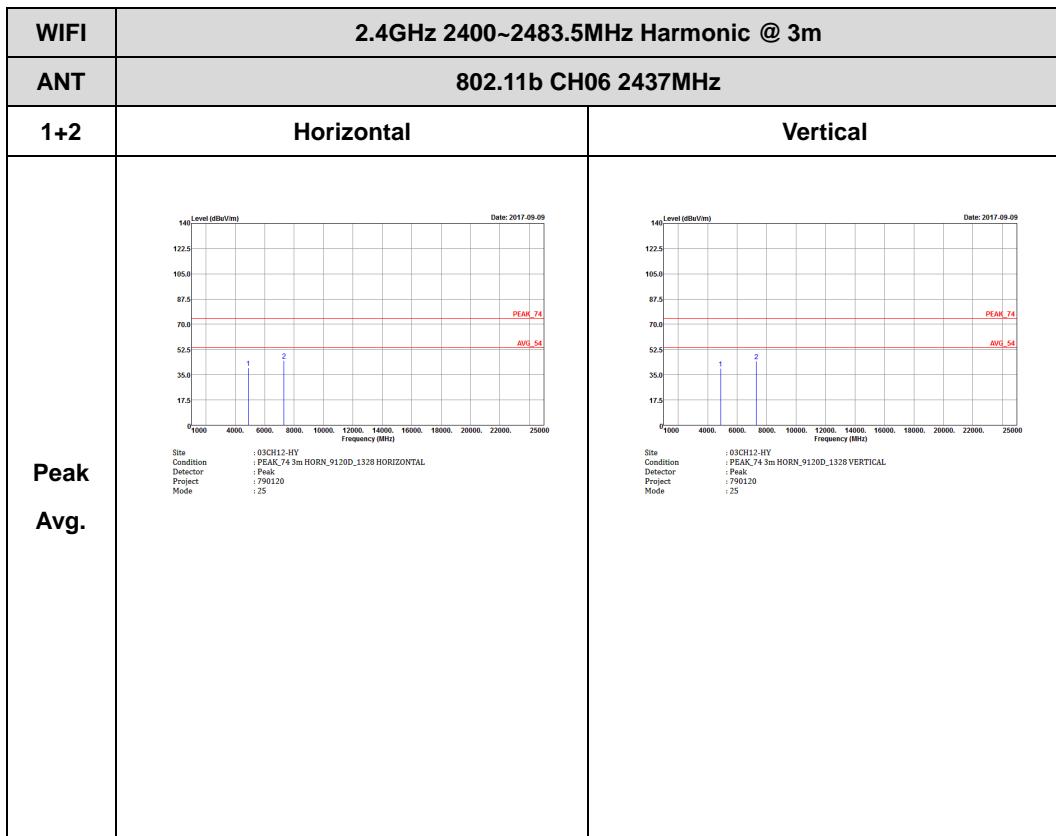


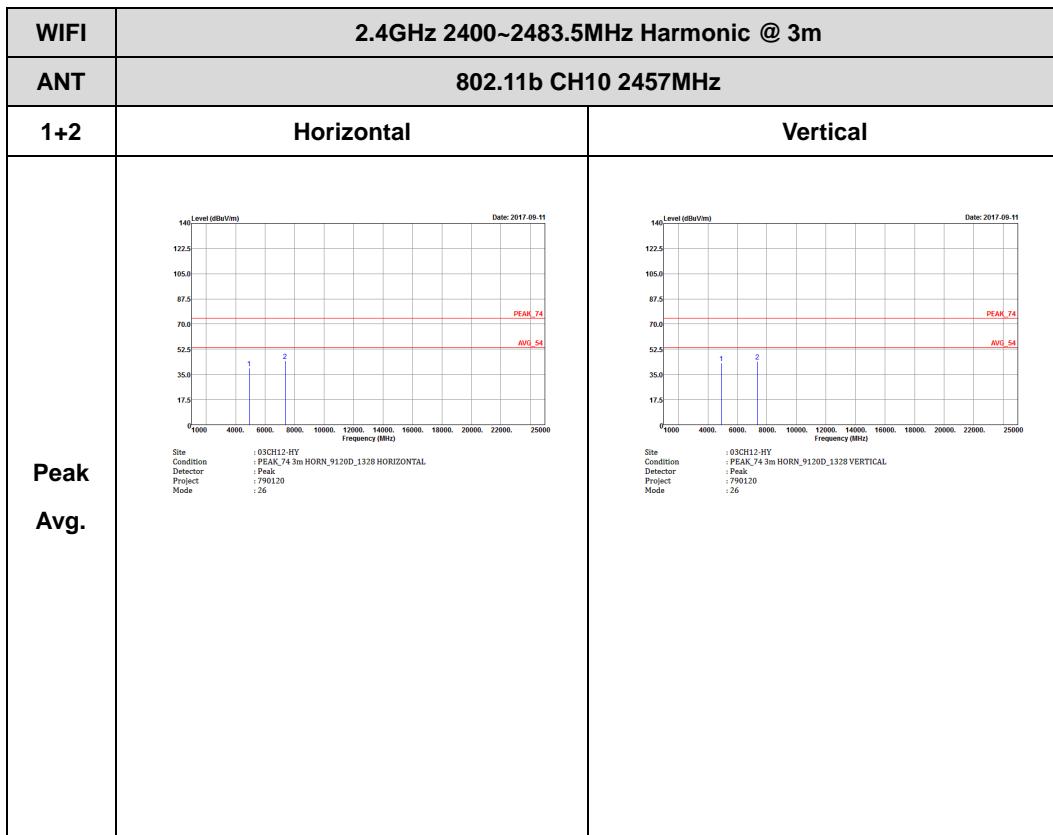
## 2.4GHz 2400~2483.5MHz

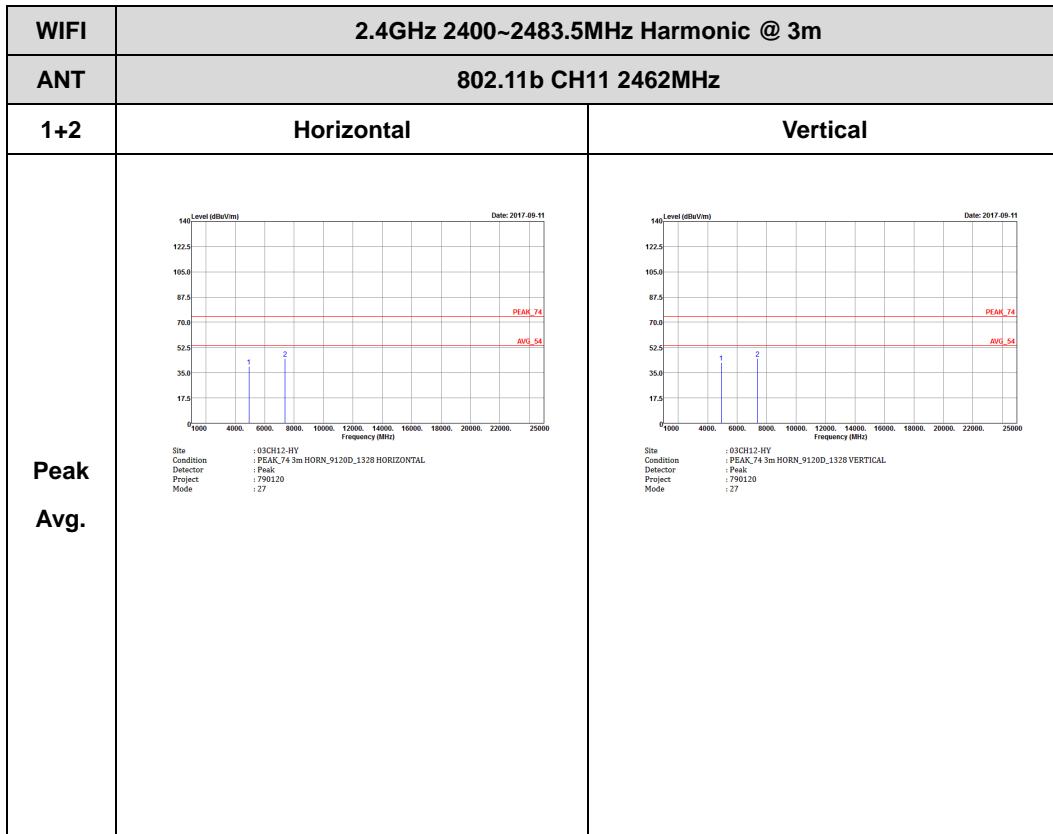
## WIFI 802.11b (Harmonic @ 3m)







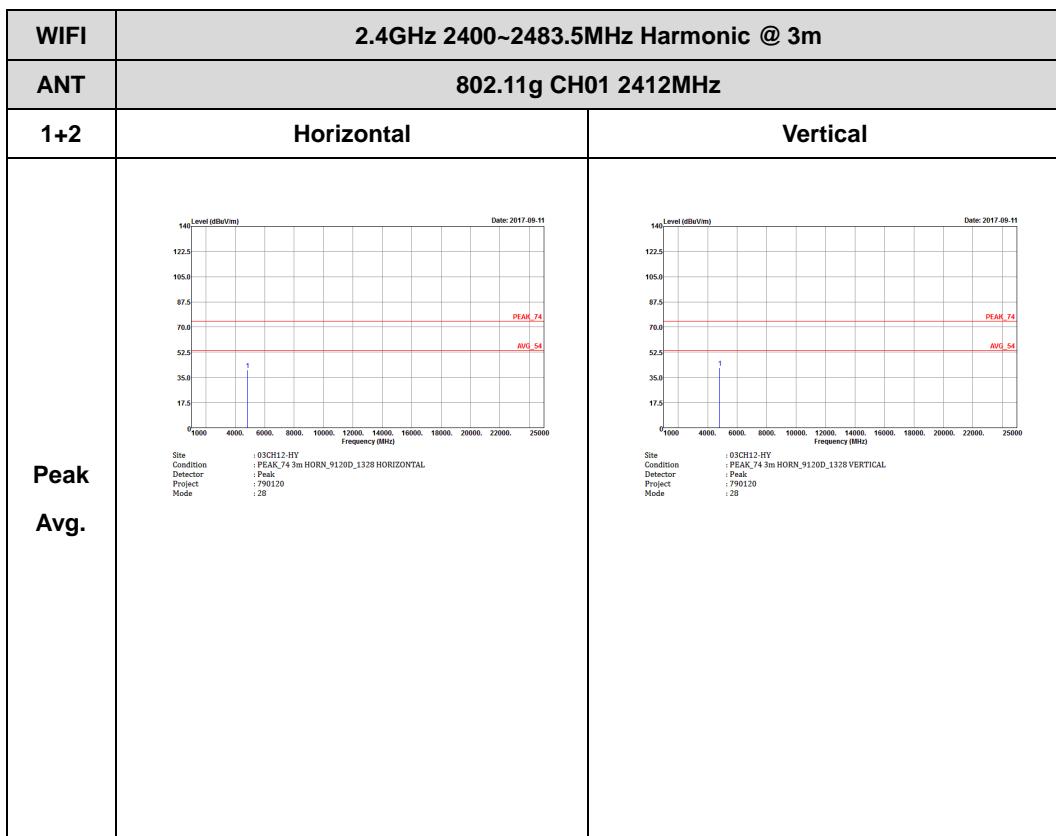


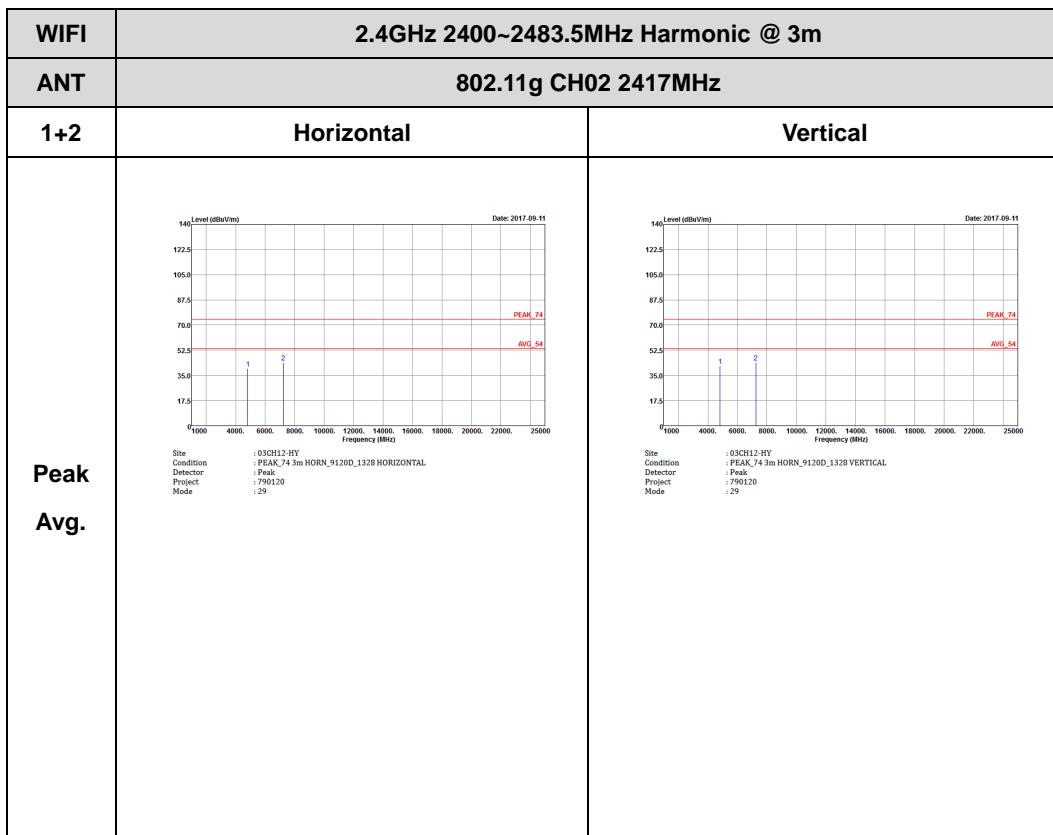


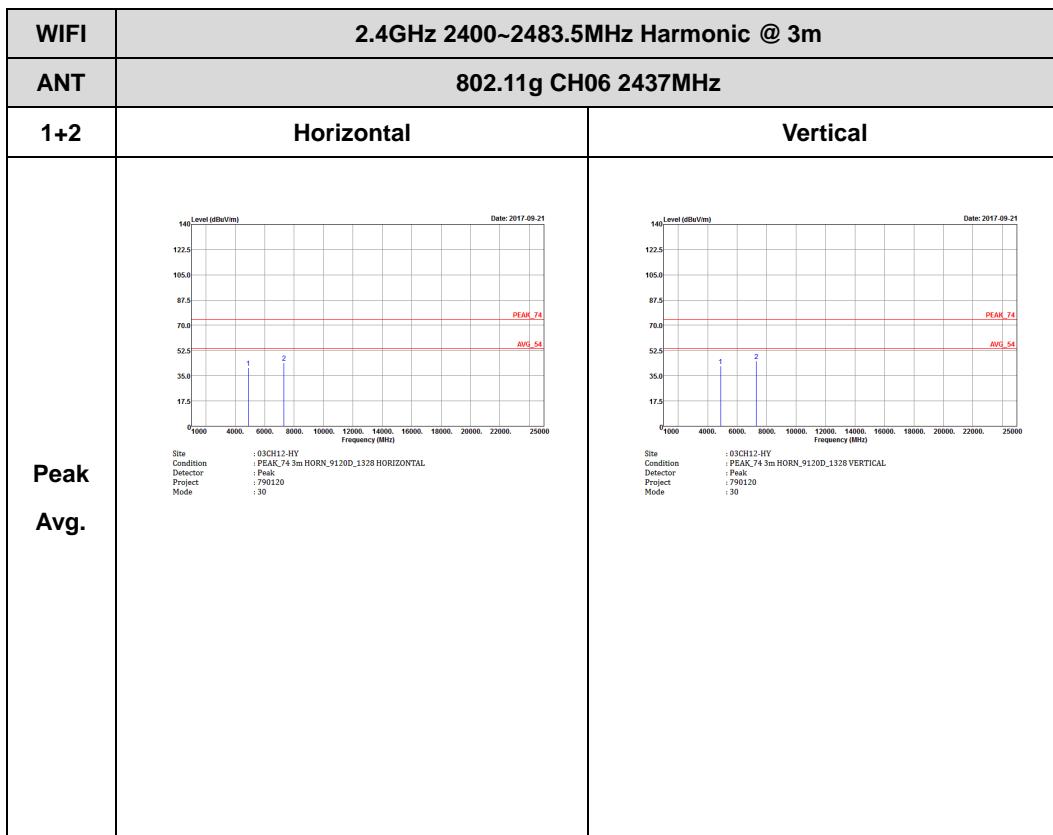


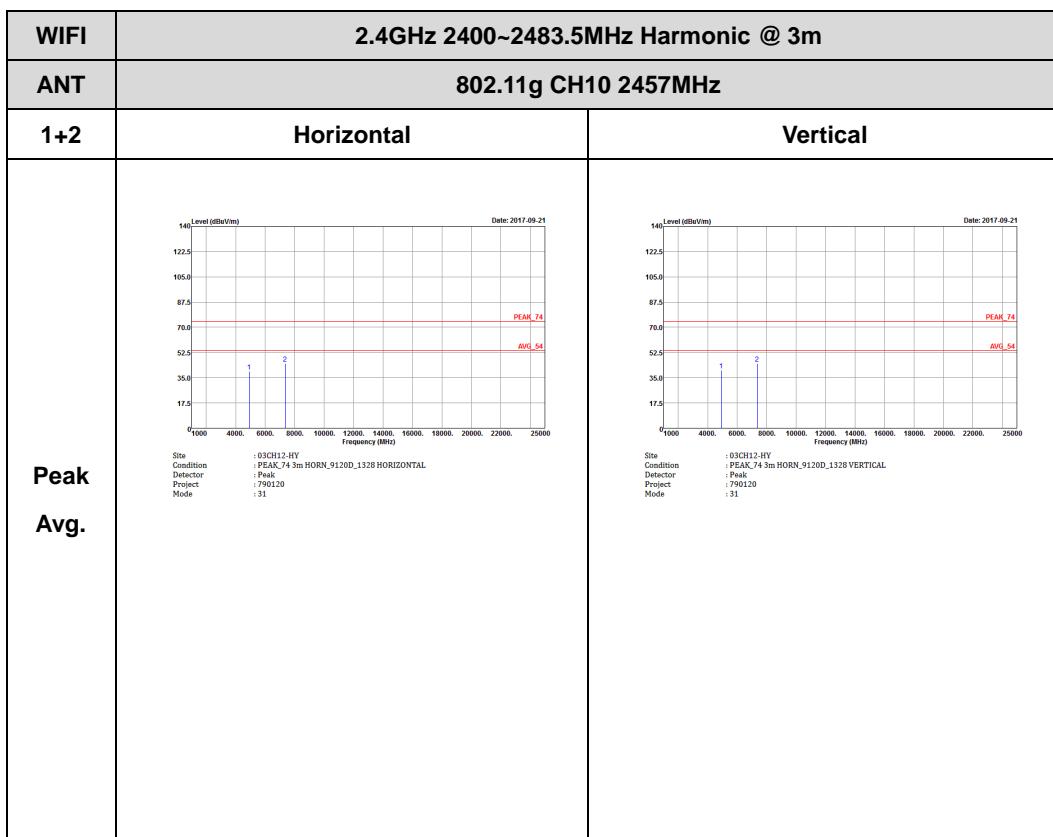
## 2.4GHz 2400~2483.5MHz

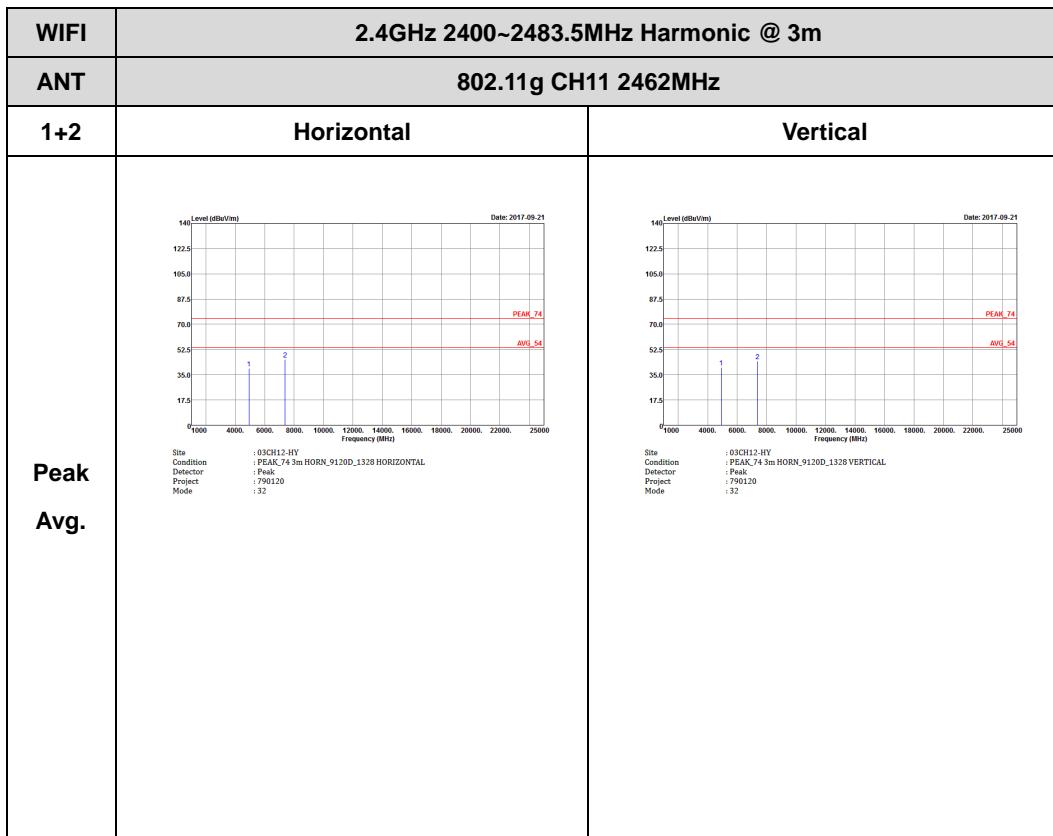
## WIFI 802.11g (Harmonic @ 3m)







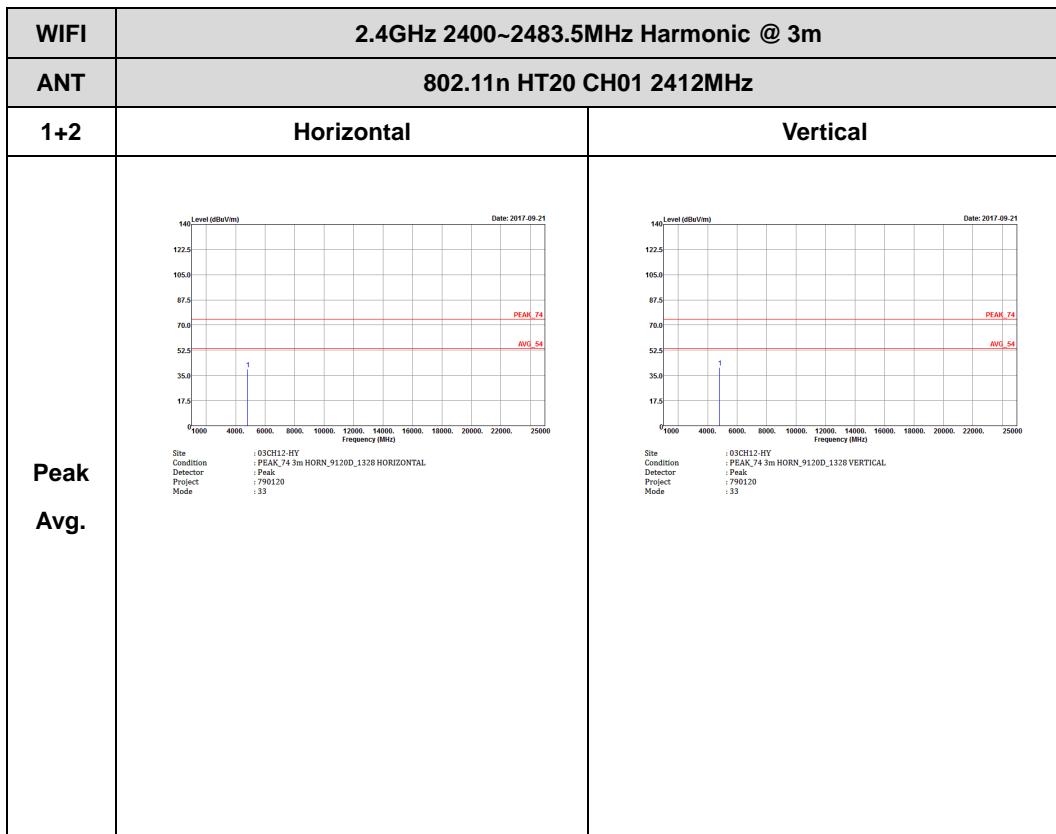


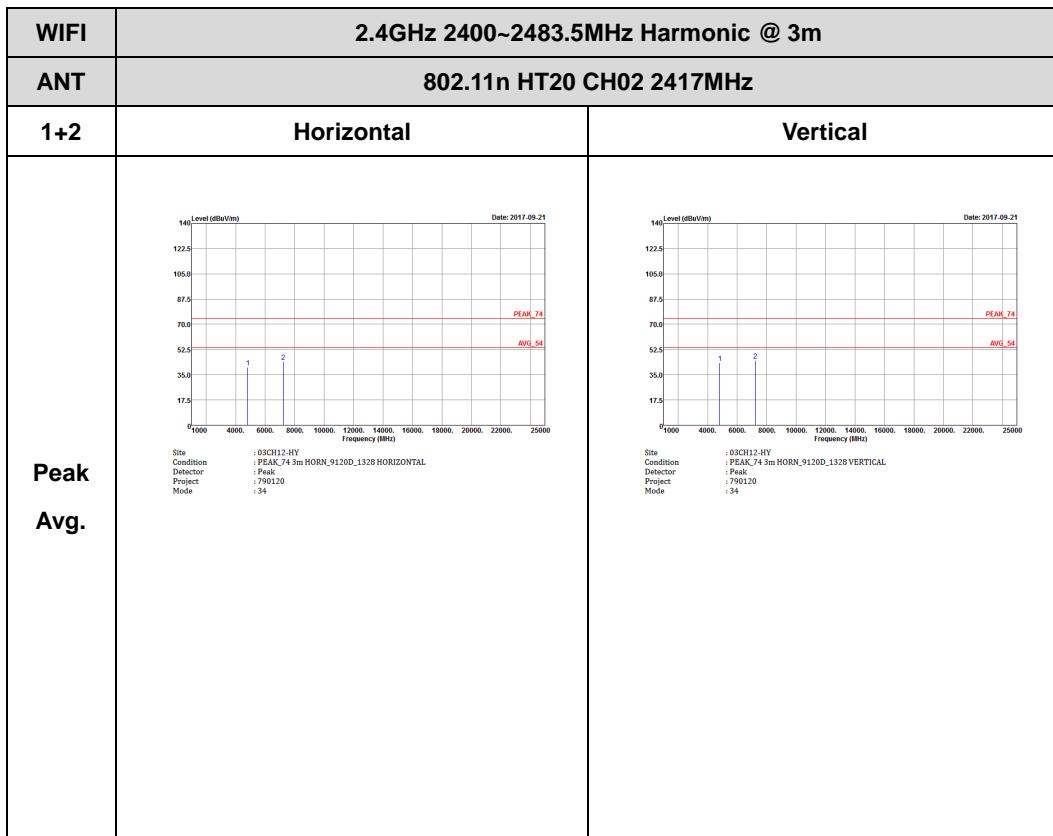


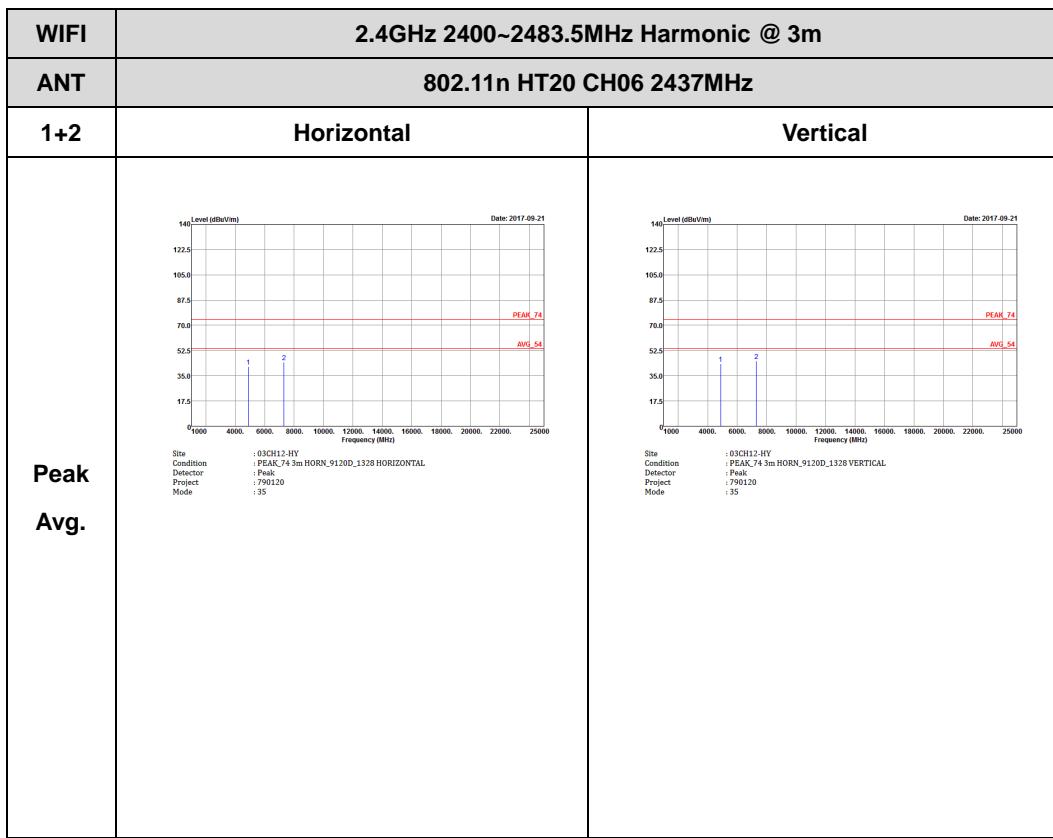


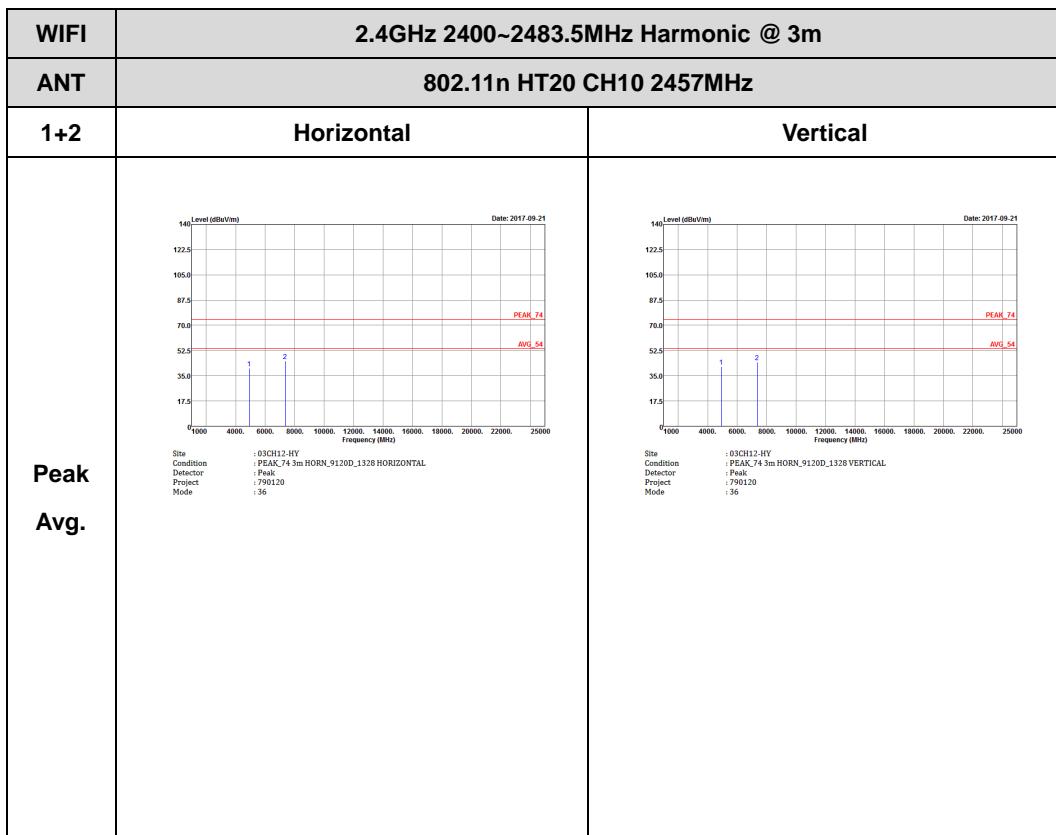
2.4GHz 2400~2483.5MHz

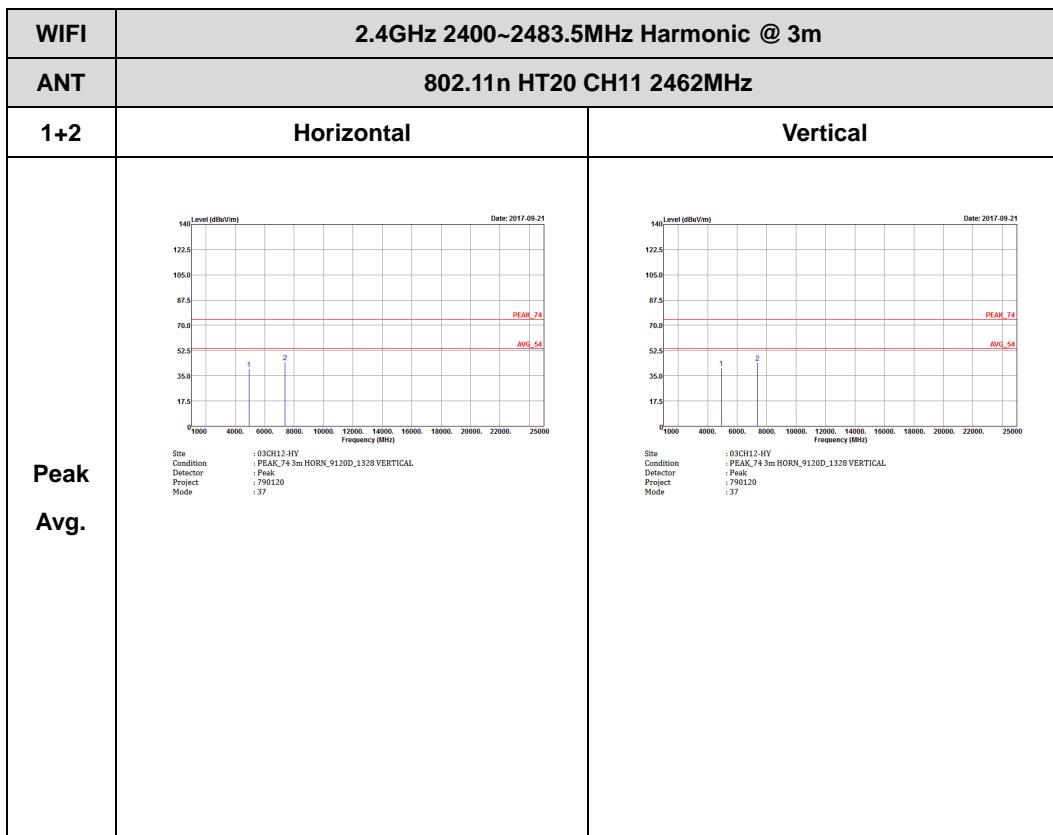
WIFI 802.11n HT20 (Harmonic @ 3m)







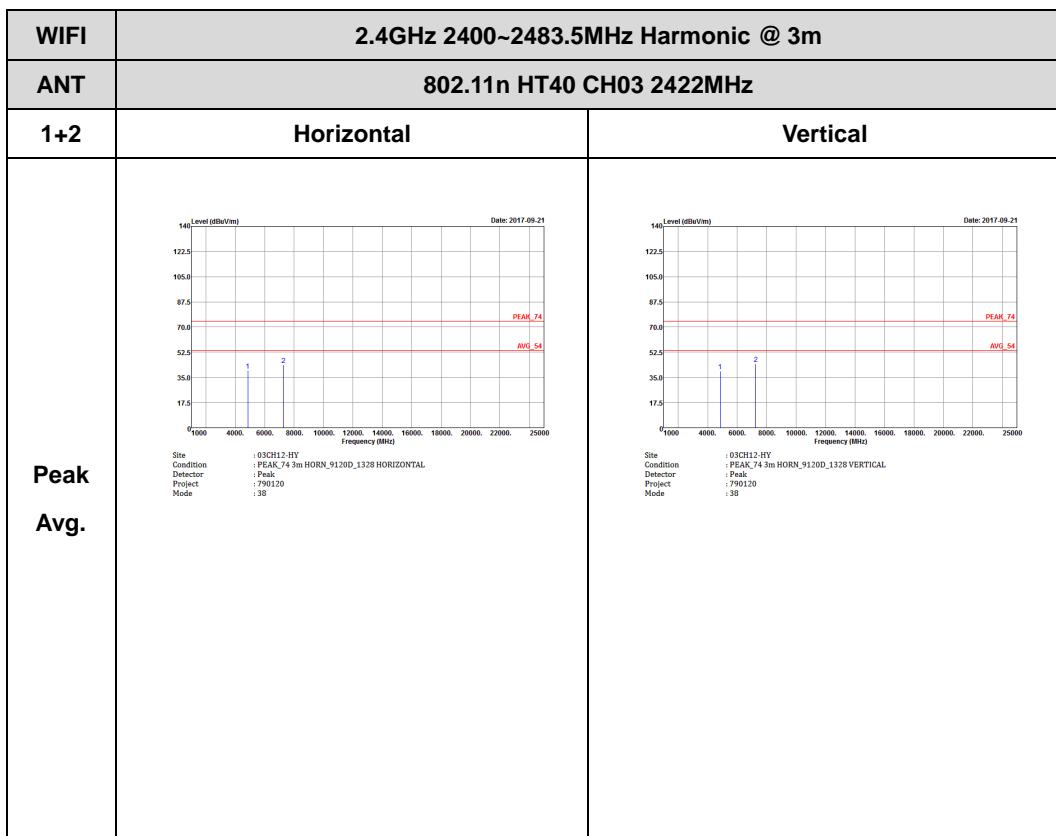


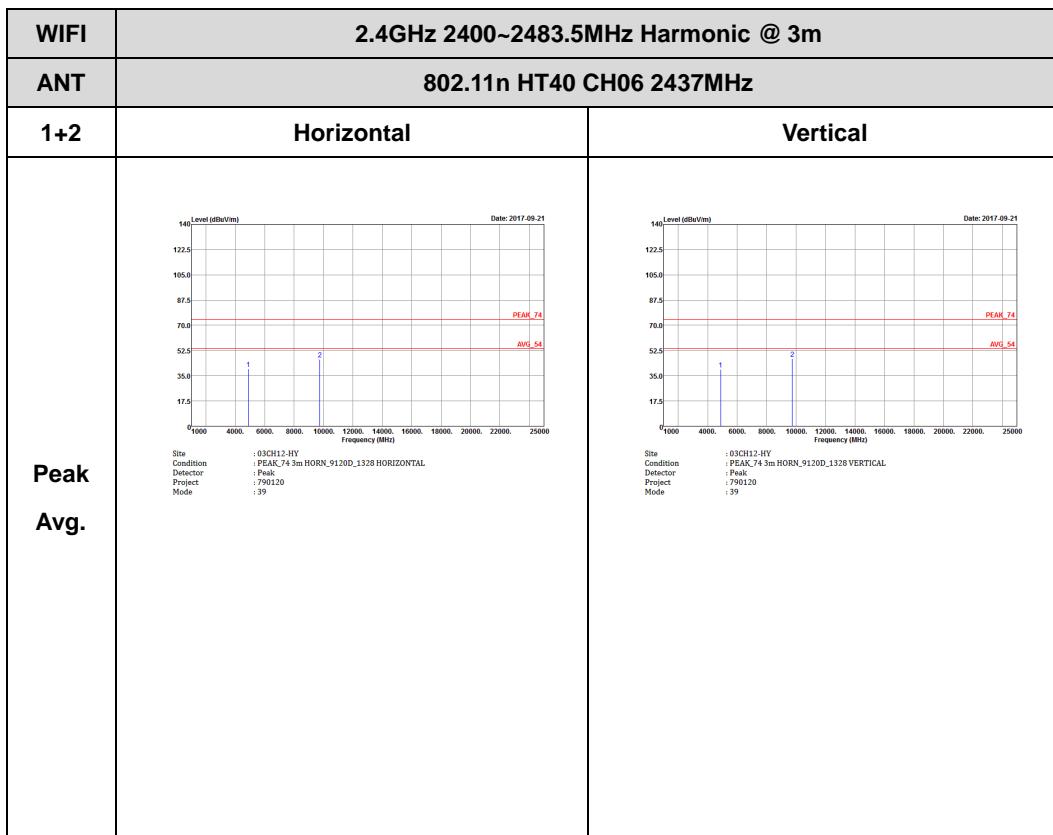


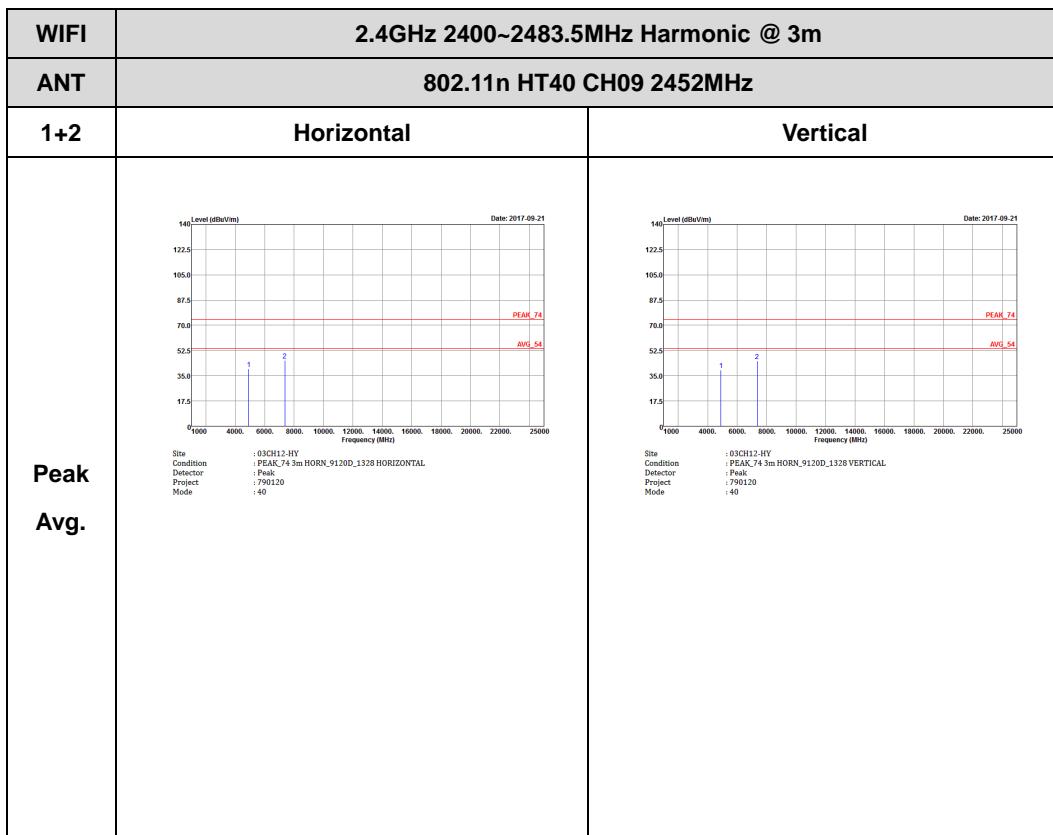


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11n HT40 (Harmonic @ 3m)



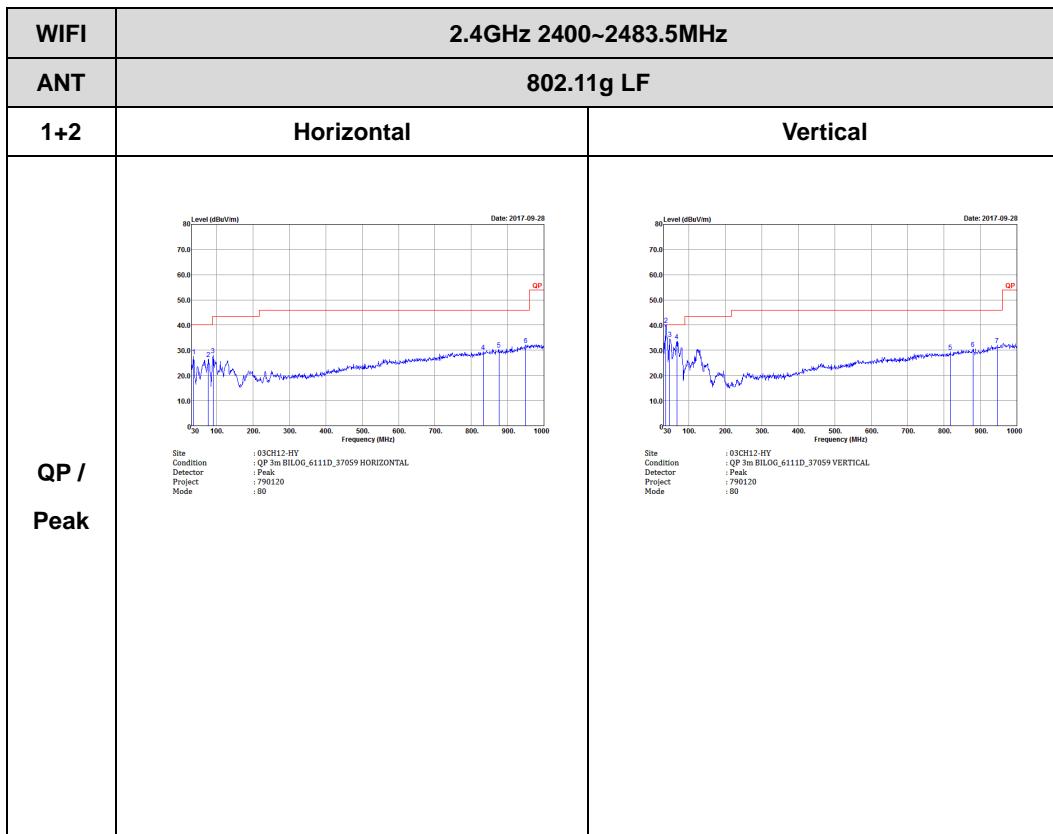






## Emission below 1GHz

## 2.4GHz WIFI 802.11g (LF)





## Appendix C. Radiated Spurious Emission Plots

<b>Test Engineer :</b>	Peter Liao, Nick Yu, Ray Chen	<b>Temperature :</b>	23~25°C
		<b>Relative Humidity :</b>	59~63%

### Note symbol

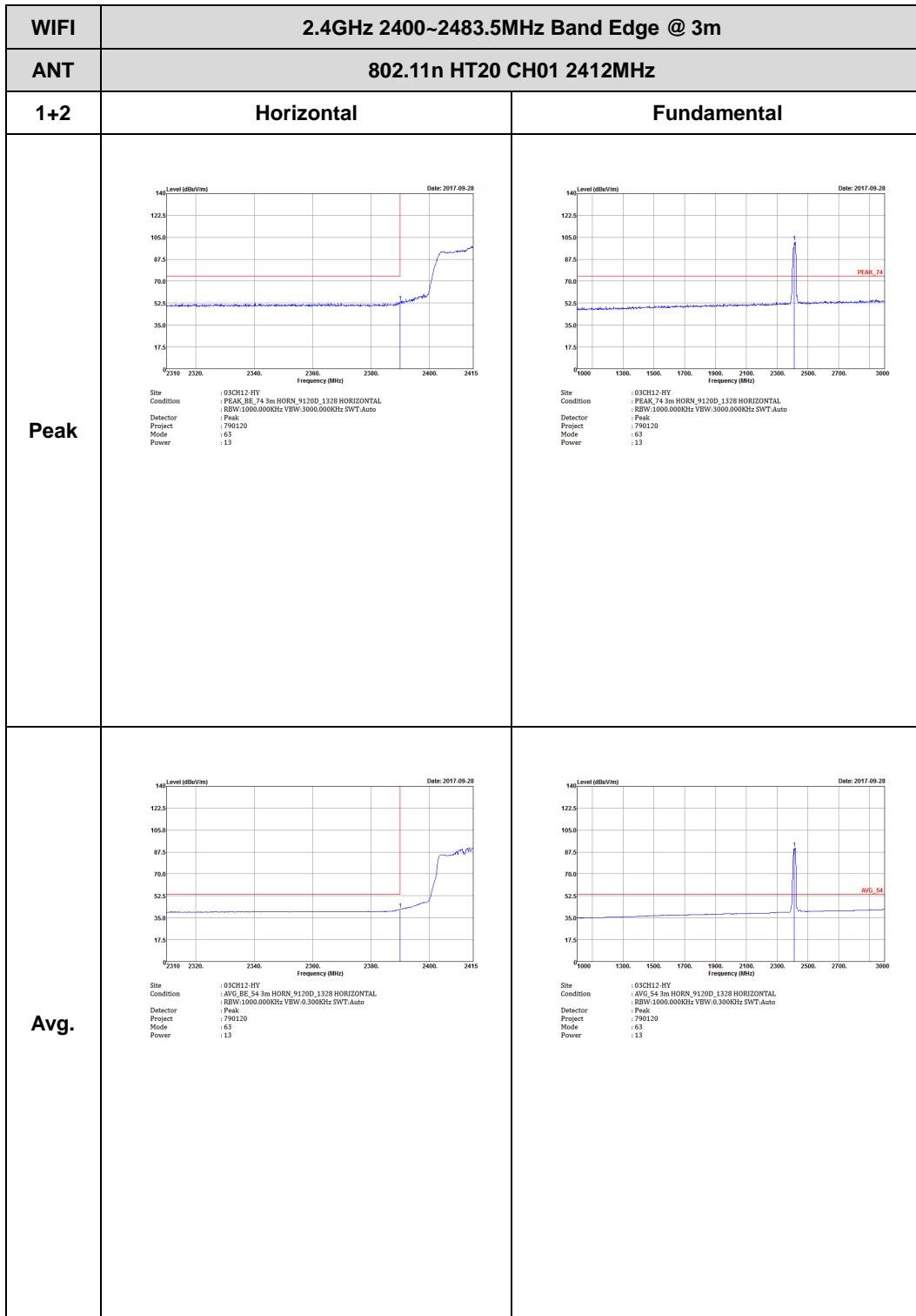
-L	Low channel location
-R	High channel location

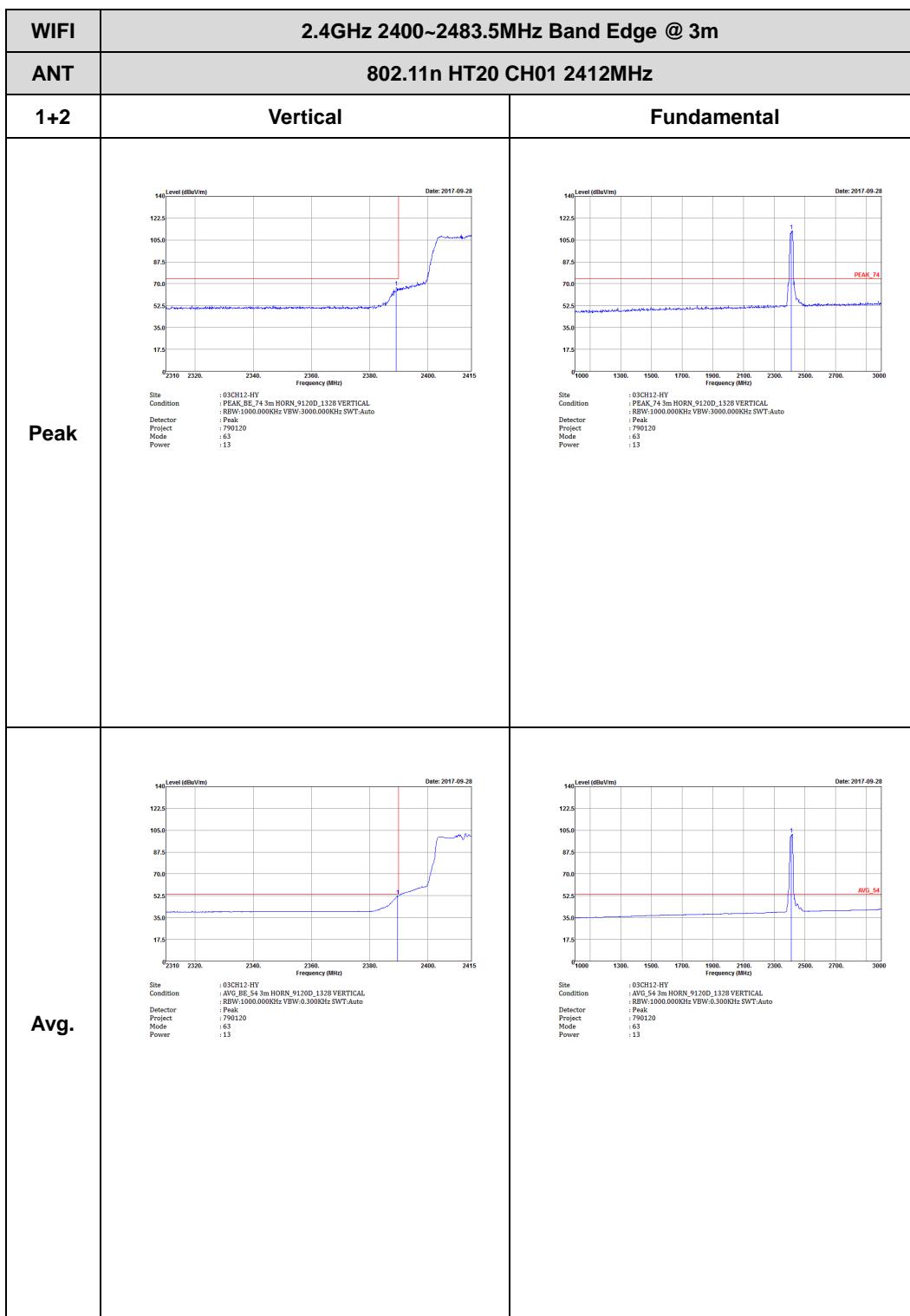


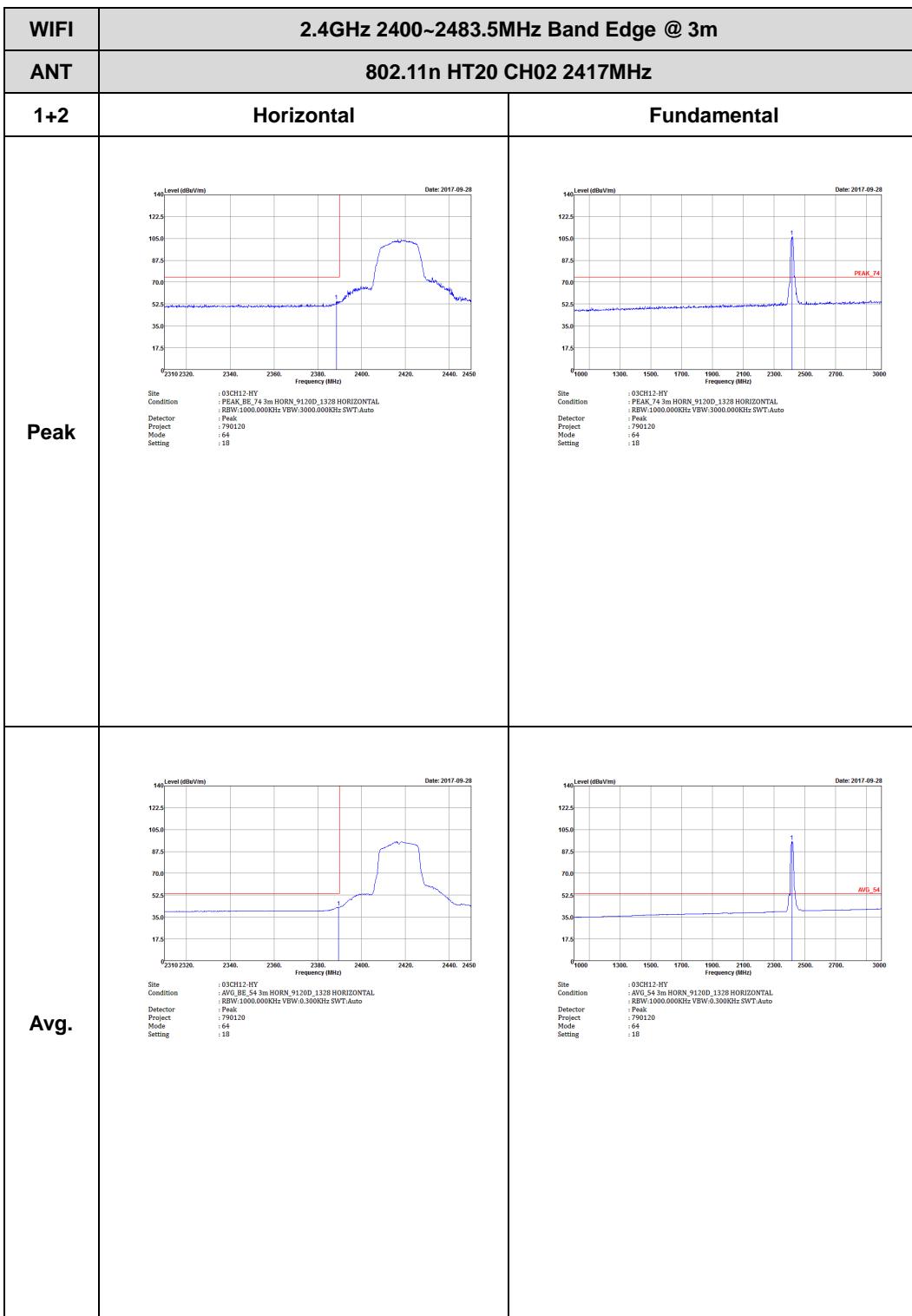
## &lt;TXBF Mode&gt;

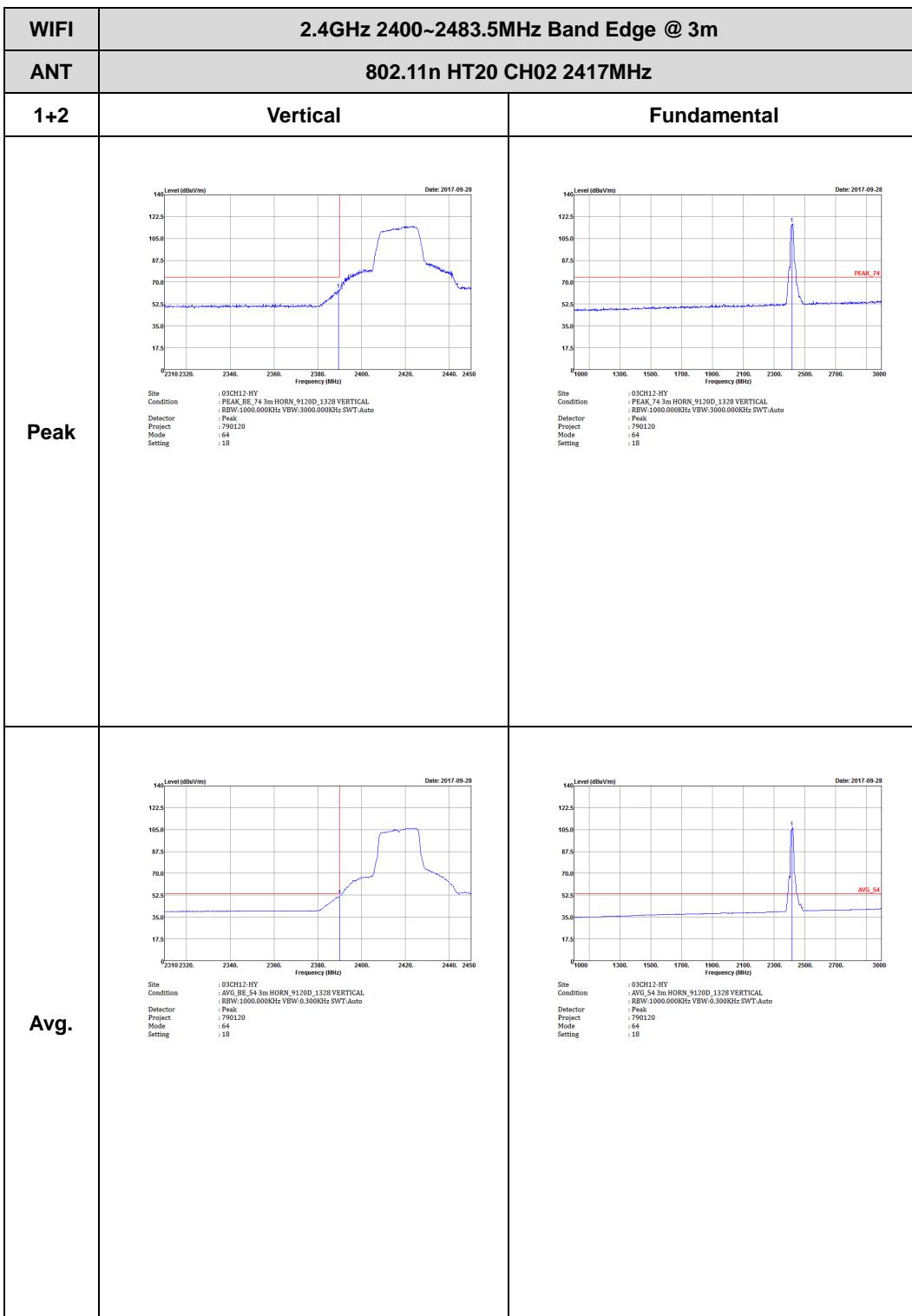
2.4GHz 2400~2483.5MHz

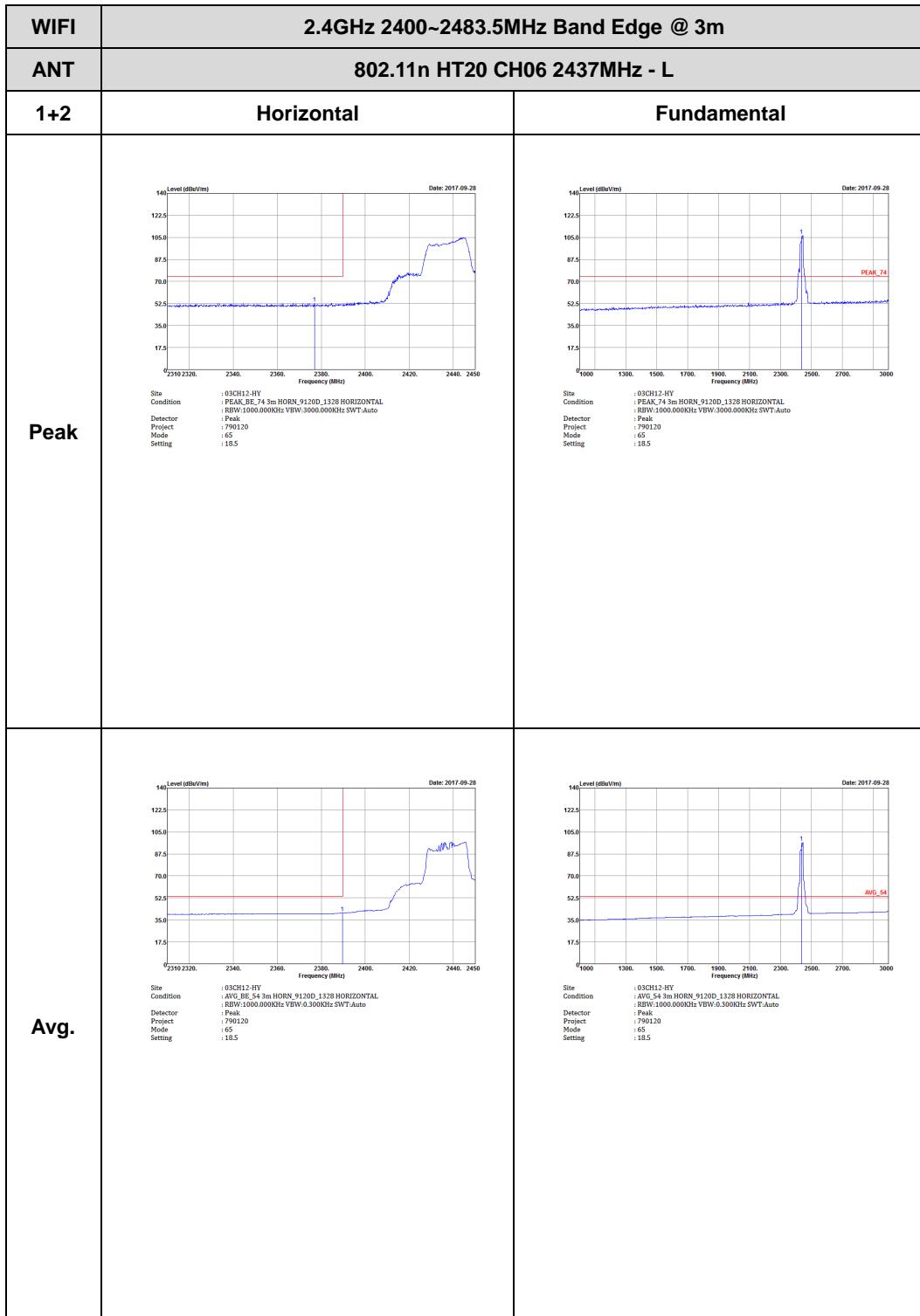
WIFI 802.11n HT20 (Band Edge @ 3m)





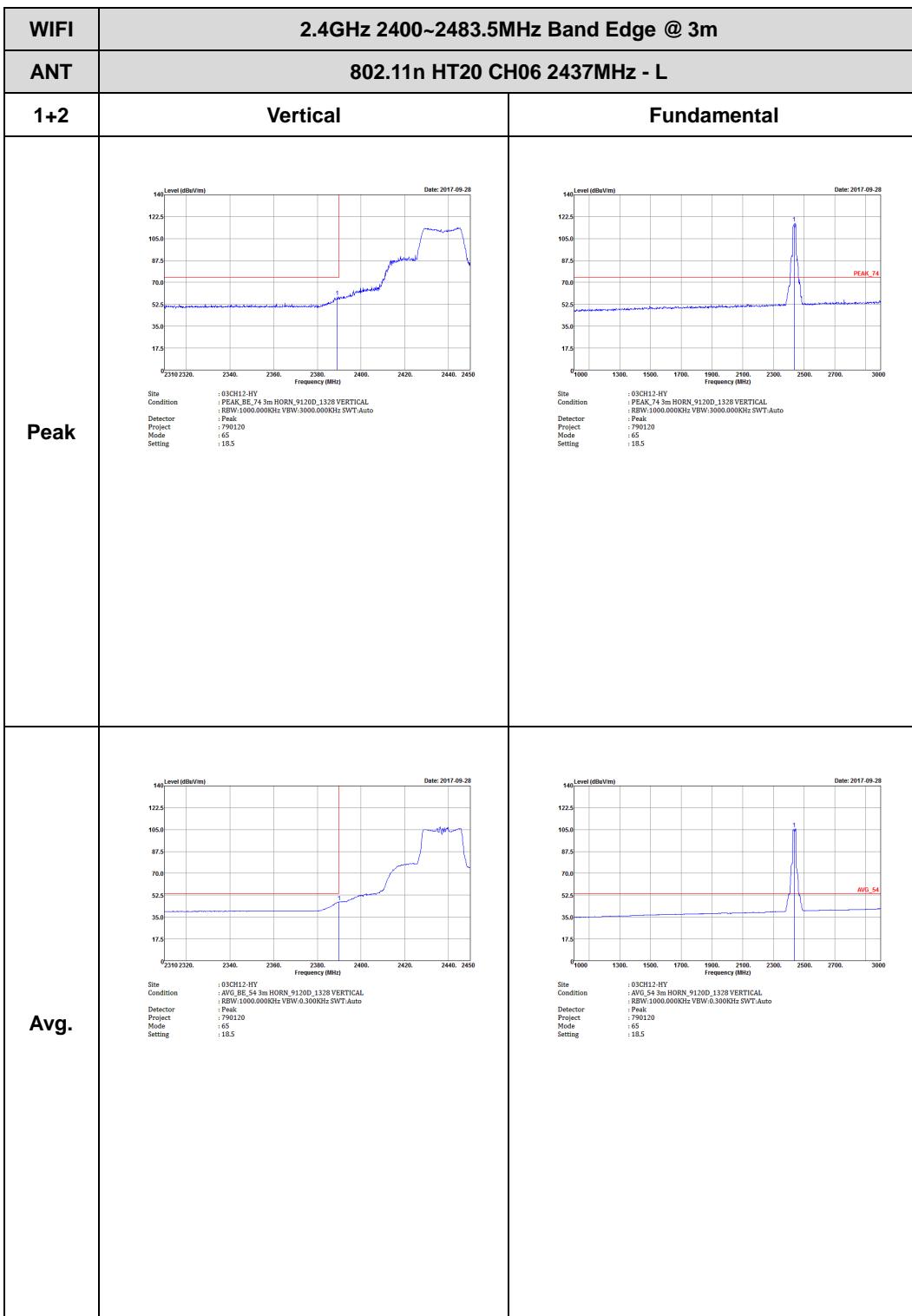






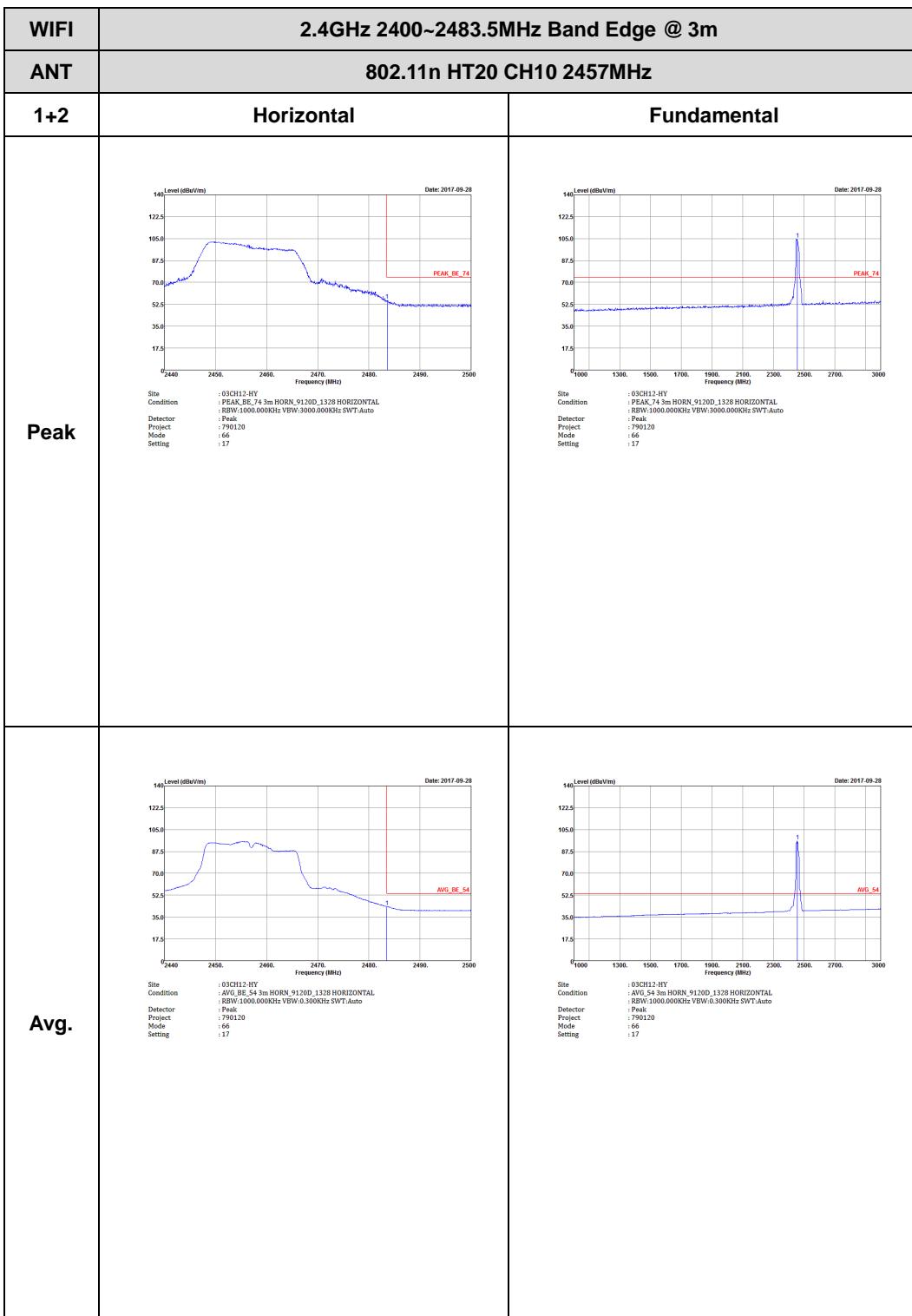


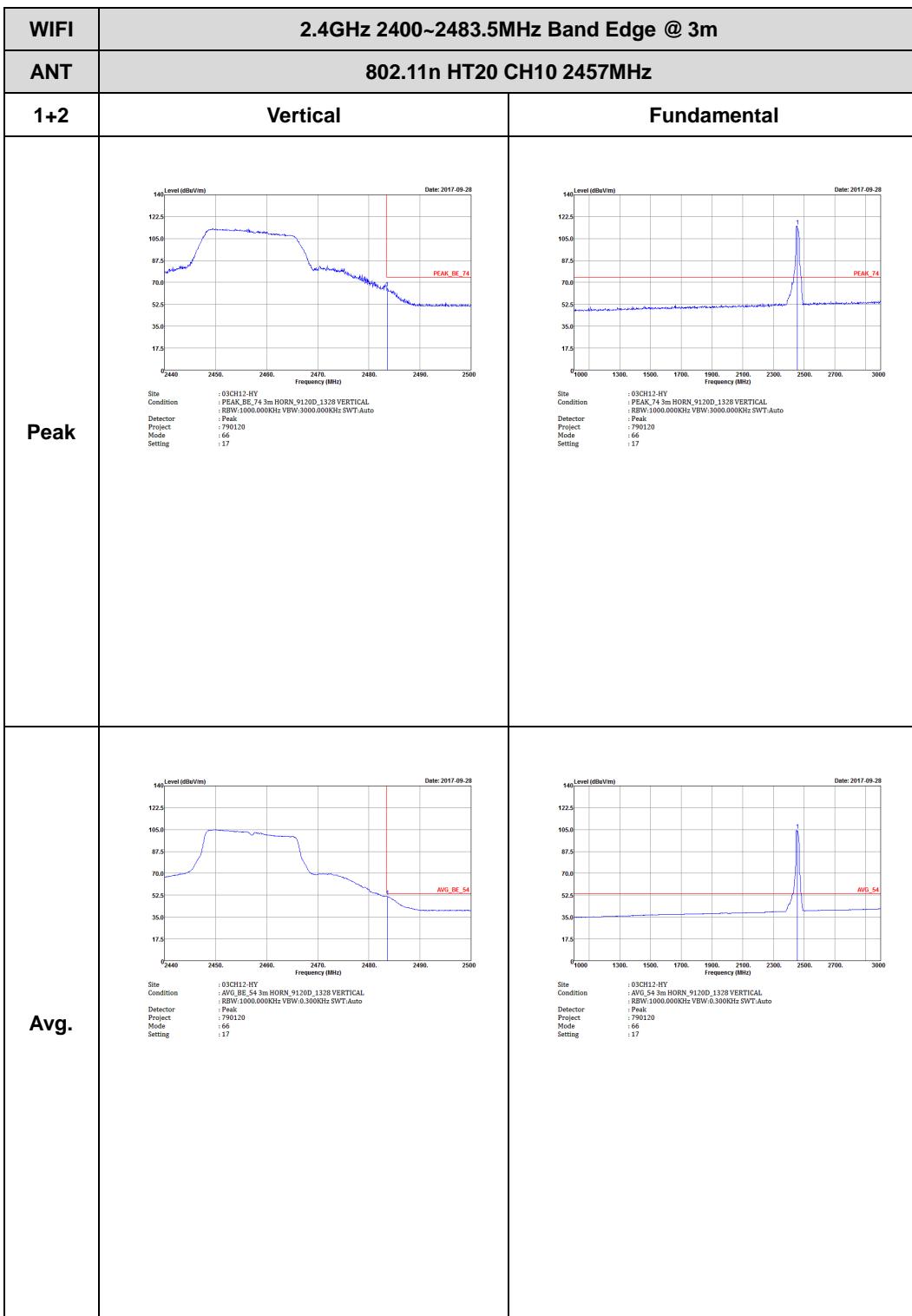
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBm/m)</p> <p>Frequency (MHz)</p> <p>Date: 2017-09-28</p> <p>PEAK_BE_74</p> <p>Site: 030H12-HN Condition: PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 790120 Mode: Peak Setting: 65 Setting: 18.5</p>	Left blank
Avg.	<p>Level (dBm/m)</p> <p>Frequency (MHz)</p> <p>Date: 2017-09-28</p> <p>AVG_BE_54</p> <p>Site: 030H12-HV Condition: AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector: RBW:1000.000KHz VBW:0.300KHz SWT:Auto Project: 790120 Mode: Peak Setting: 65 Setting: 18.5</p>	Left blank

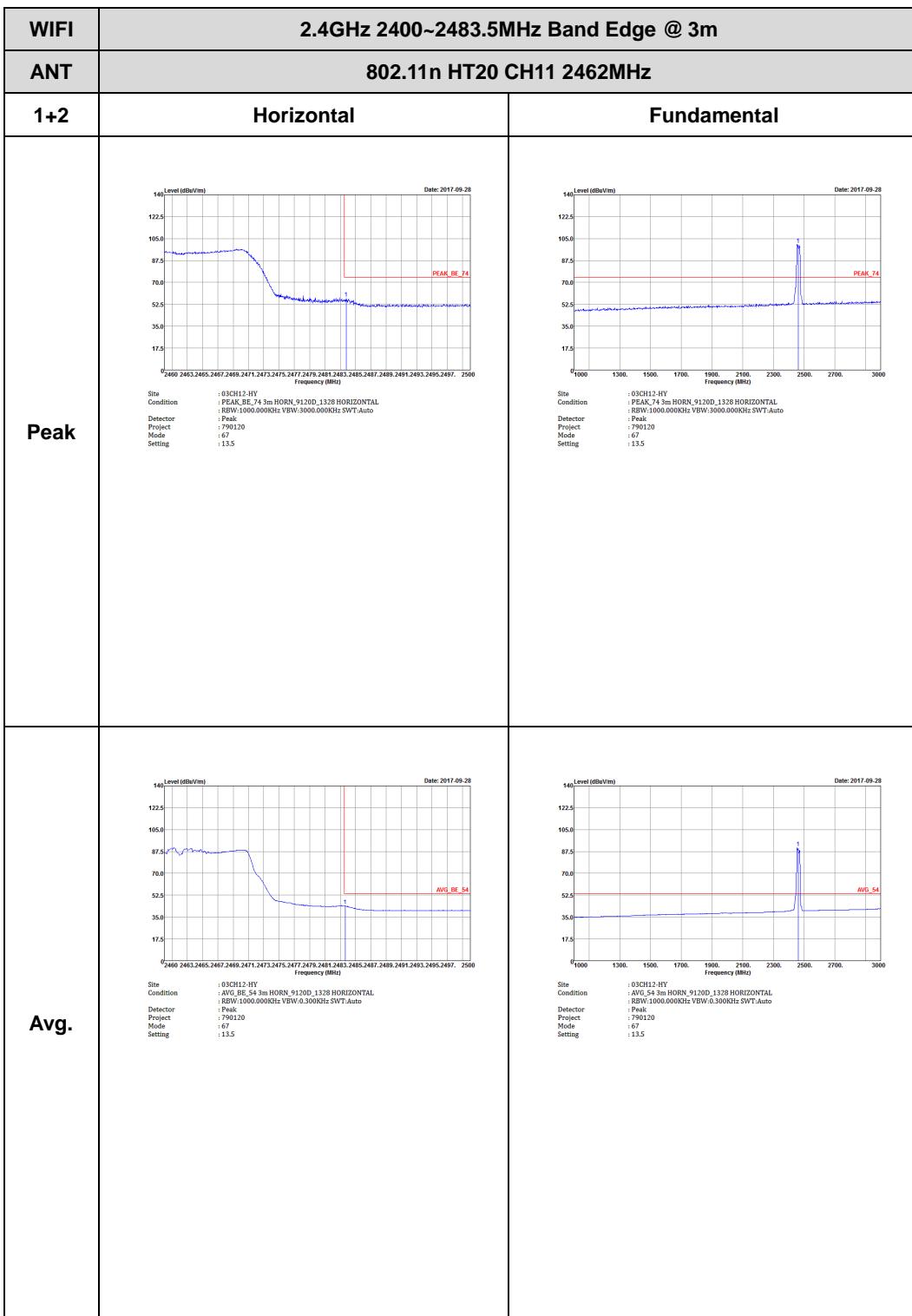


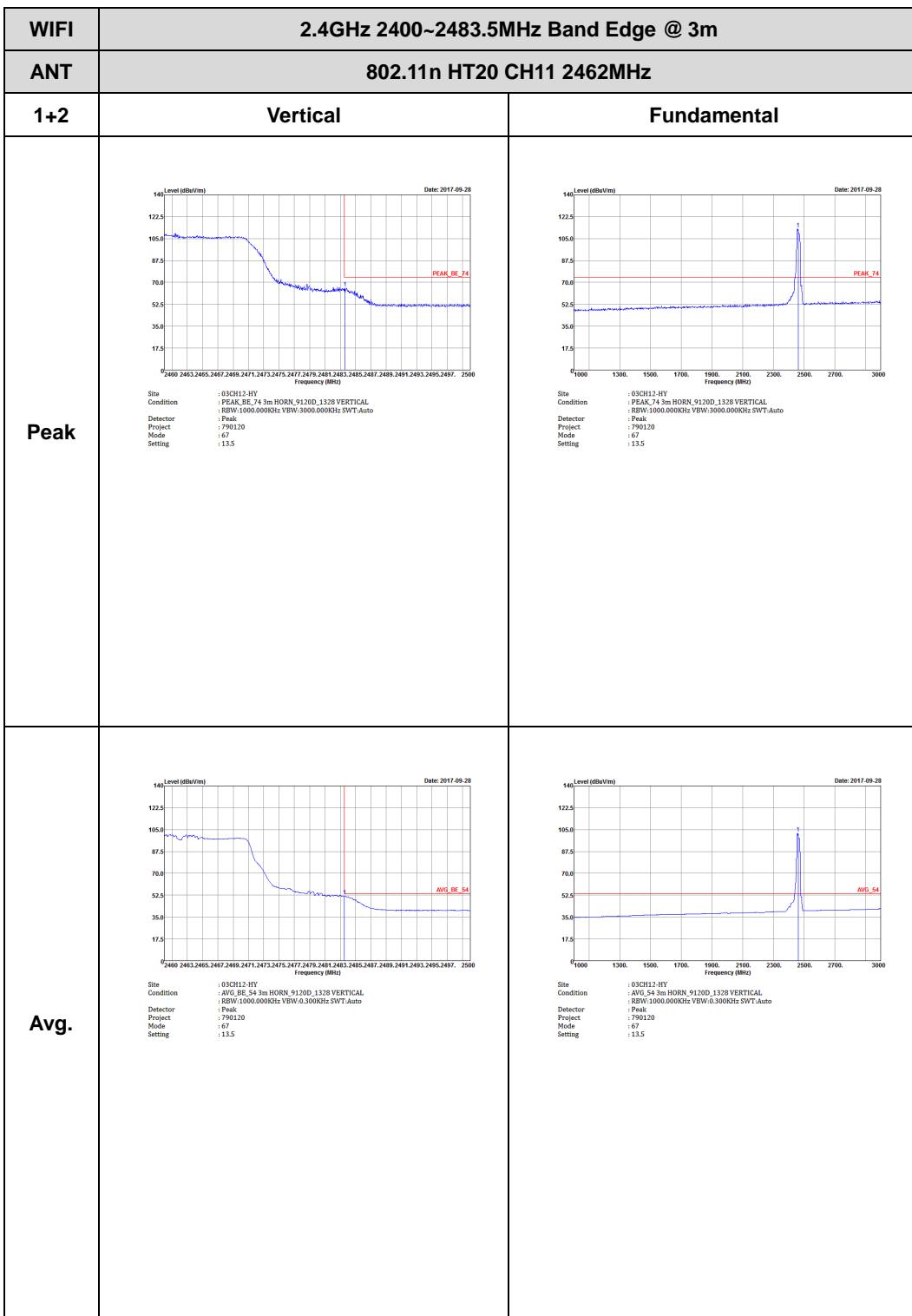


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Site : 030CH12-HN Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 790120 Mode : 65 Setting : 18.5</p>	Left Blank
Avg.	<p>Site : 030CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Project : 790120 Mode : 65 Setting : 18.5</p>	Left Blank





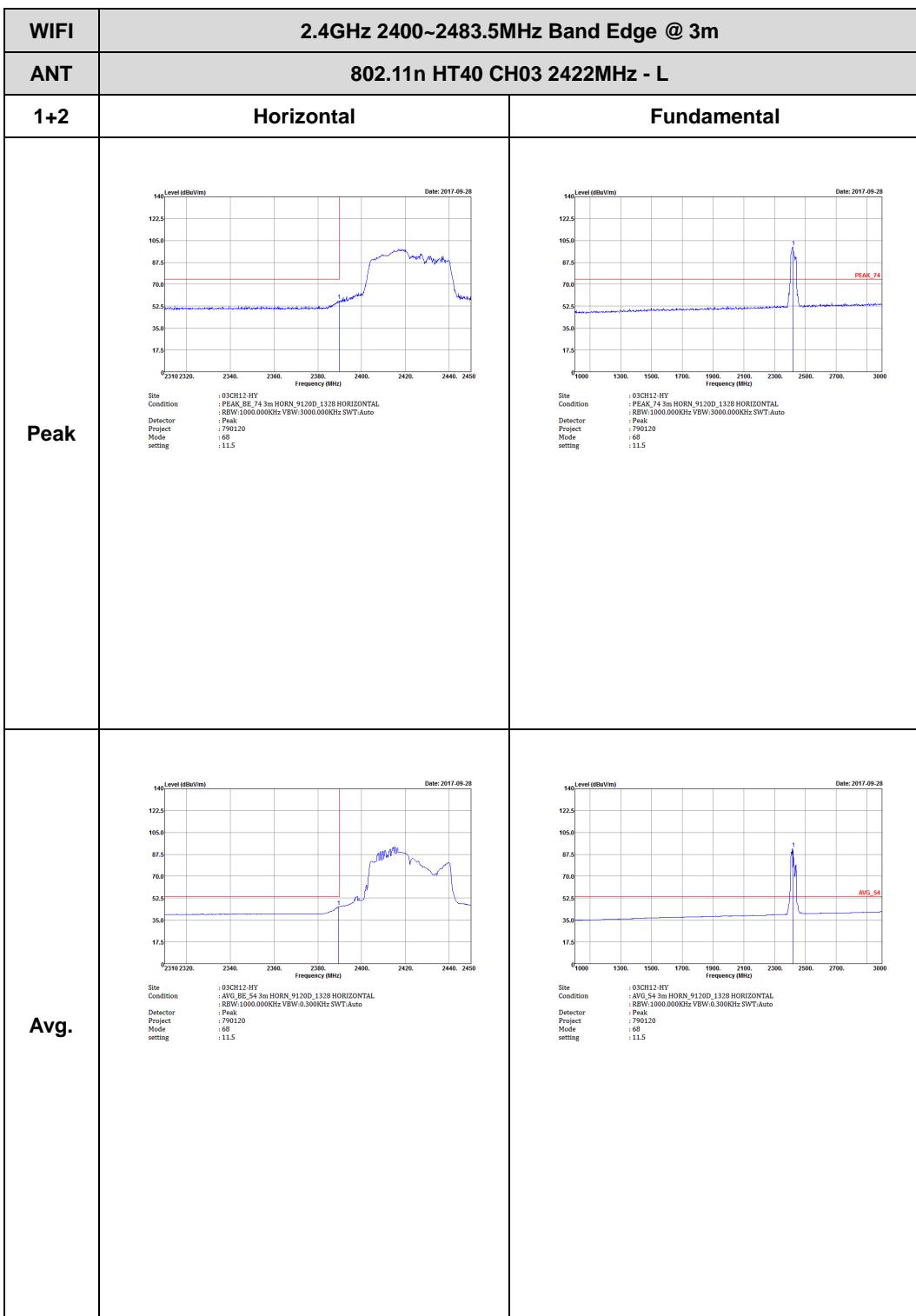






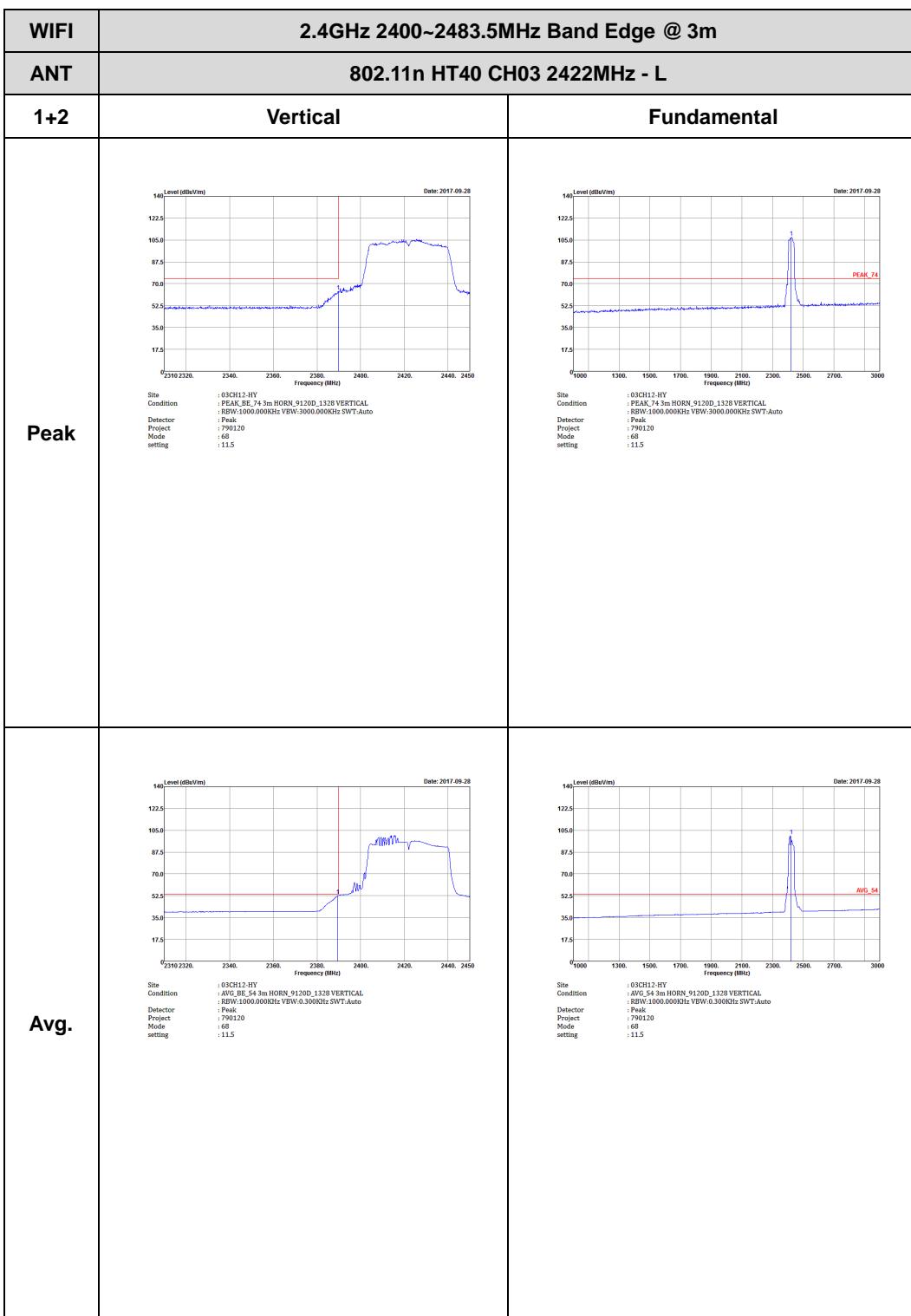
## 2.4GHz 2400~2483.5MHz

## WIFI 802.11n HT40 (Band Edge @ 3m)



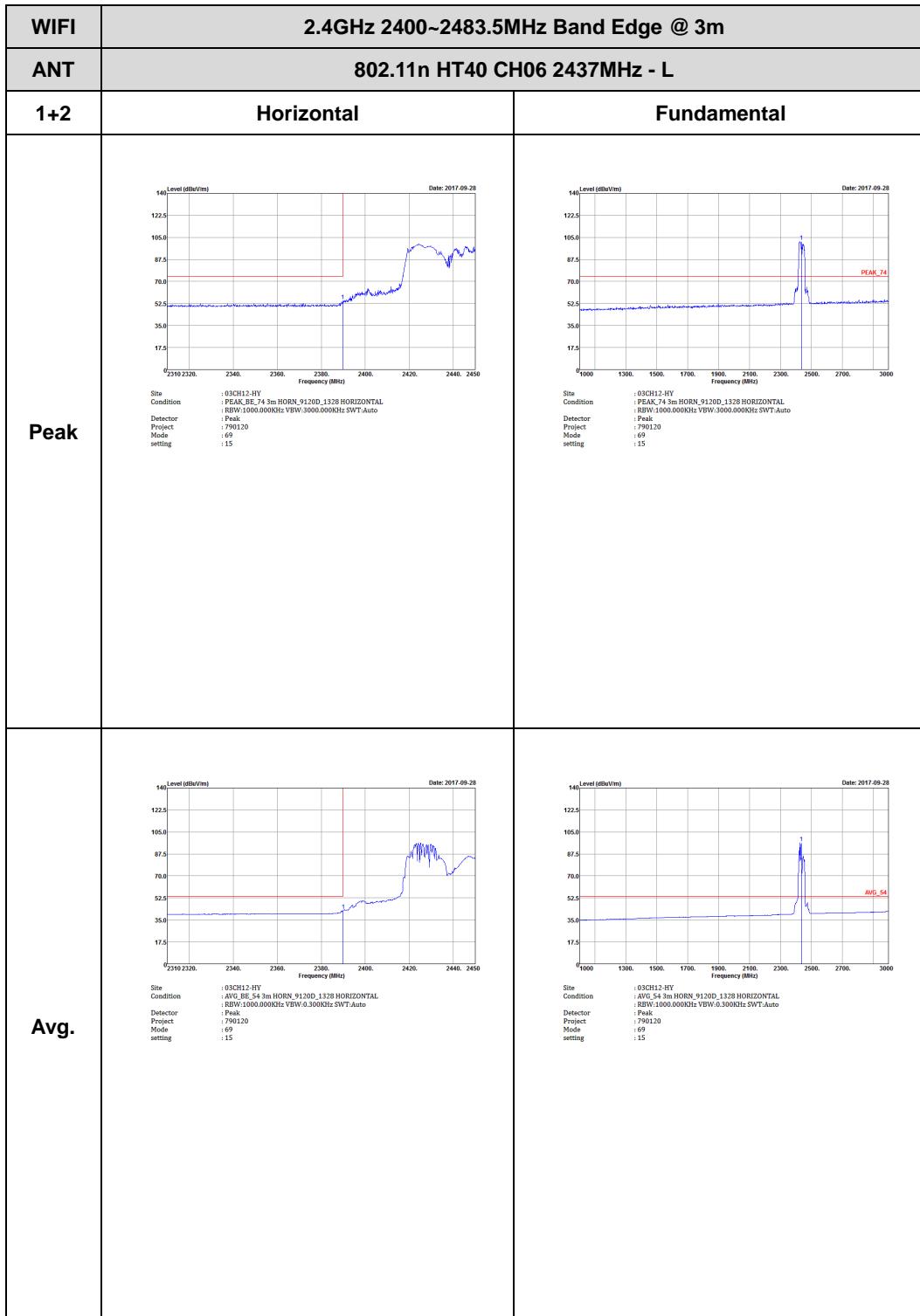


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 030CH12-HN Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 790120 Mode : Peak setting : 68 : 11.5	Left Blank
Avg.	 Site : 030CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Project : 790120 Mode : Avg setting : 68 : 11.5	Left Blank



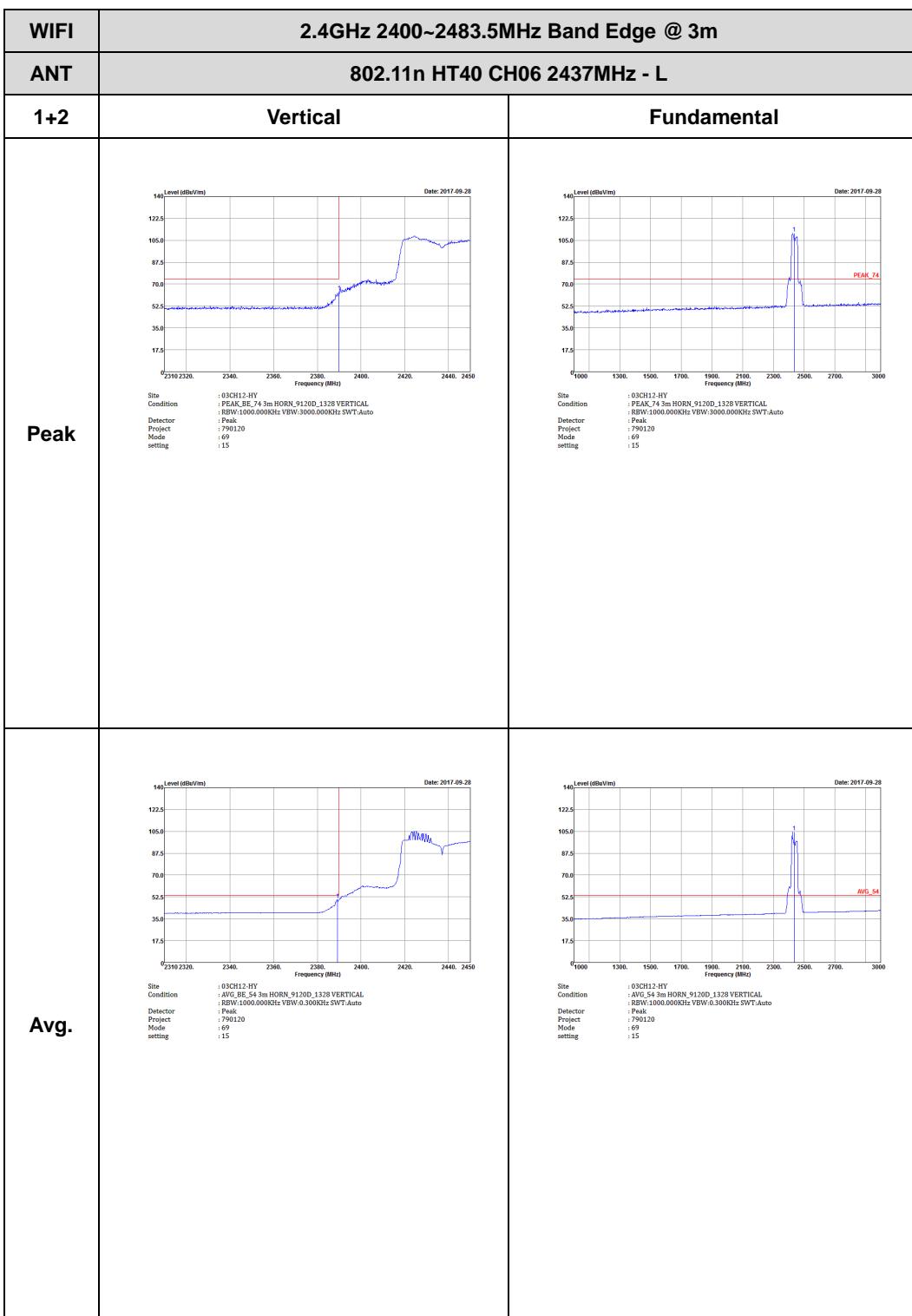


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 030CH12-HN Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 790120 Mode : Peak Setting : 68 setting : 11.5 Date: 2017-09-28	Left blank
Avg.	 Site : 030CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Project : 790120 Mode : Avg Setting : 68 setting : 11.5 Date: 2017-09-28	Left blank

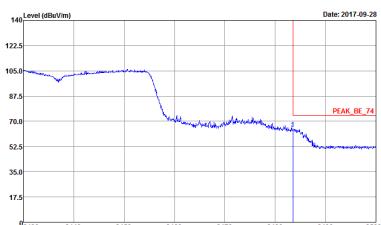
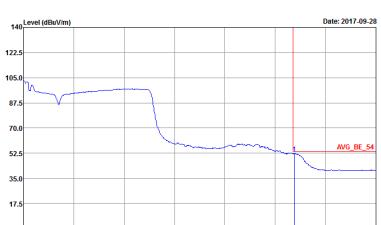


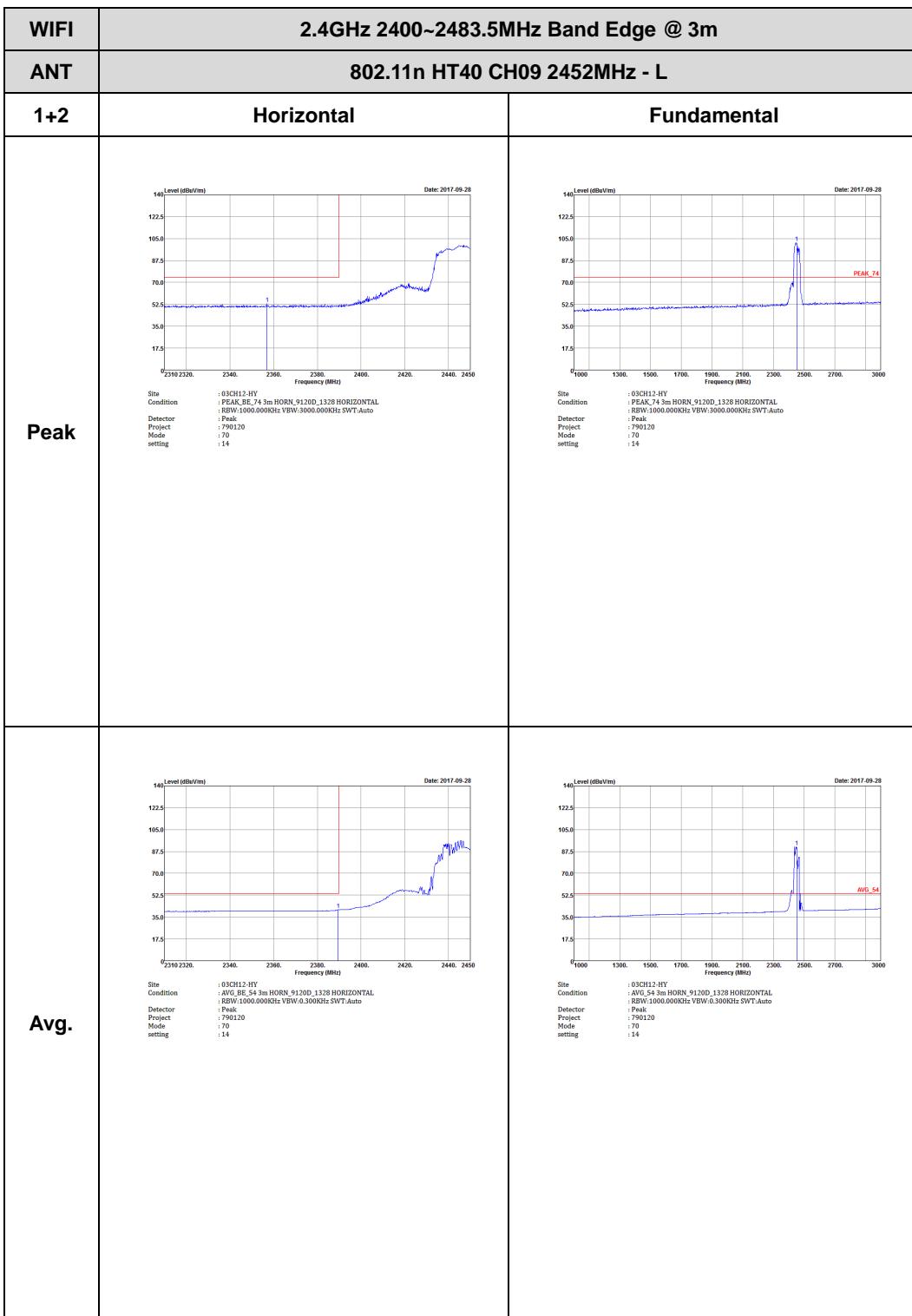


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Site : 030CH12-HN Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 790120 Mode : Peak setting : 15</p>	Left blank
Avg.	<p>Site : 030CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Project : 790120 Mode : Peak setting : 15</p>	Left blank



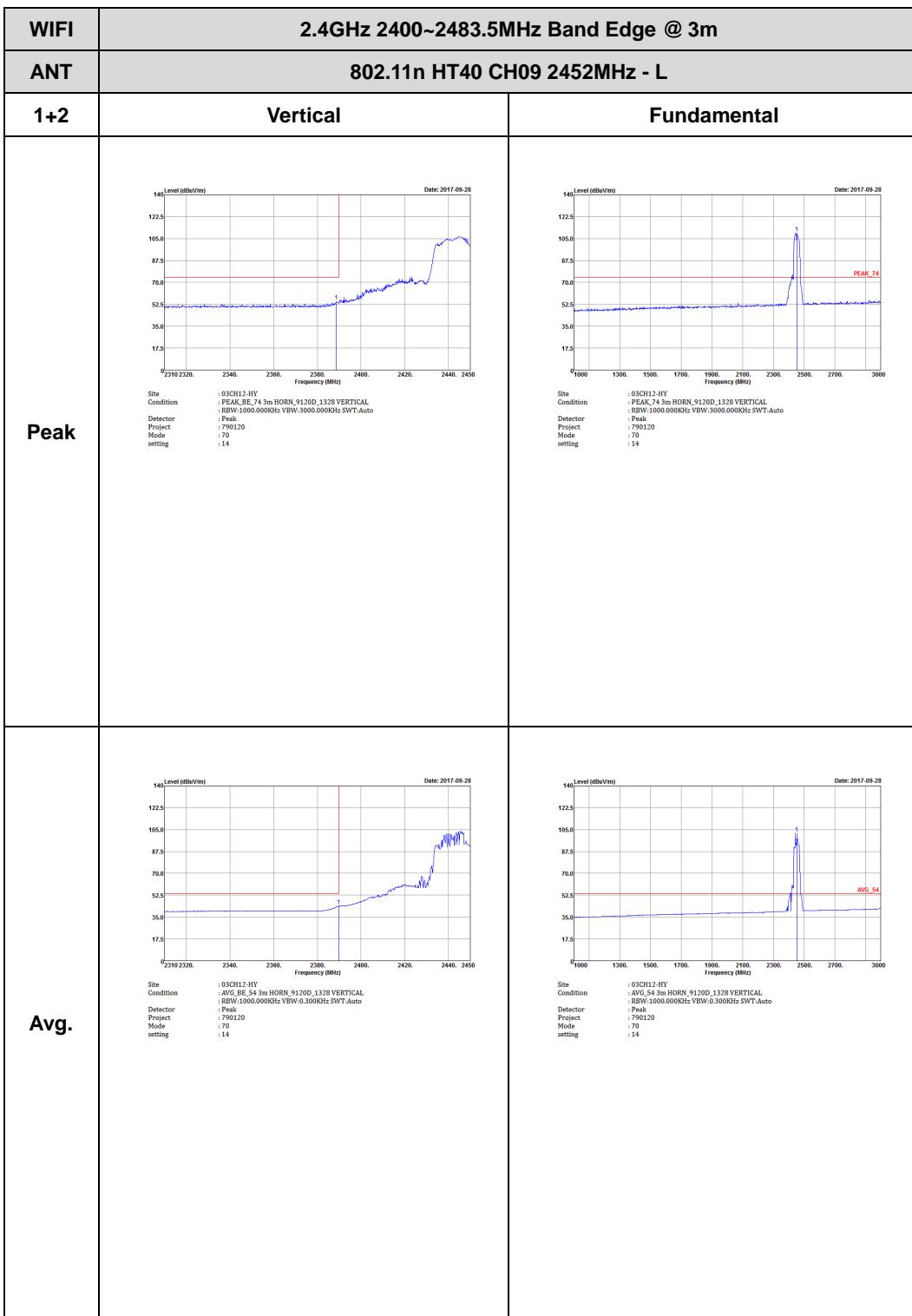


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBm/V/m)</p> <p>Frequency (MHz)</p> <p>Date: 2017-09-28</p> <p>PEAK_BE_74</p> <p>Site: 030CH12-HN Condition: PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 790120 Mode: Peak Setting: 69 setting: 15</p>	Left blank
Avg.	 <p>Level (dBm/V/m)</p> <p>Frequency (MHz)</p> <p>Date: 2017-09-28</p> <p>AVG_BE_54</p> <p>Site: 030CH12-HV Condition: AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector: RBW:1000.000KHz VBW:0.300KHz SWT:Auto Project: 790120 Mode: Peak Setting: 69 setting: 15</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Site : 030CH12-HN Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 790120 setting : 14</p>	Left blank
Avg.	<p>Site : 030CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Project : Peak Mode : 790120 setting : 14</p>	Left blank



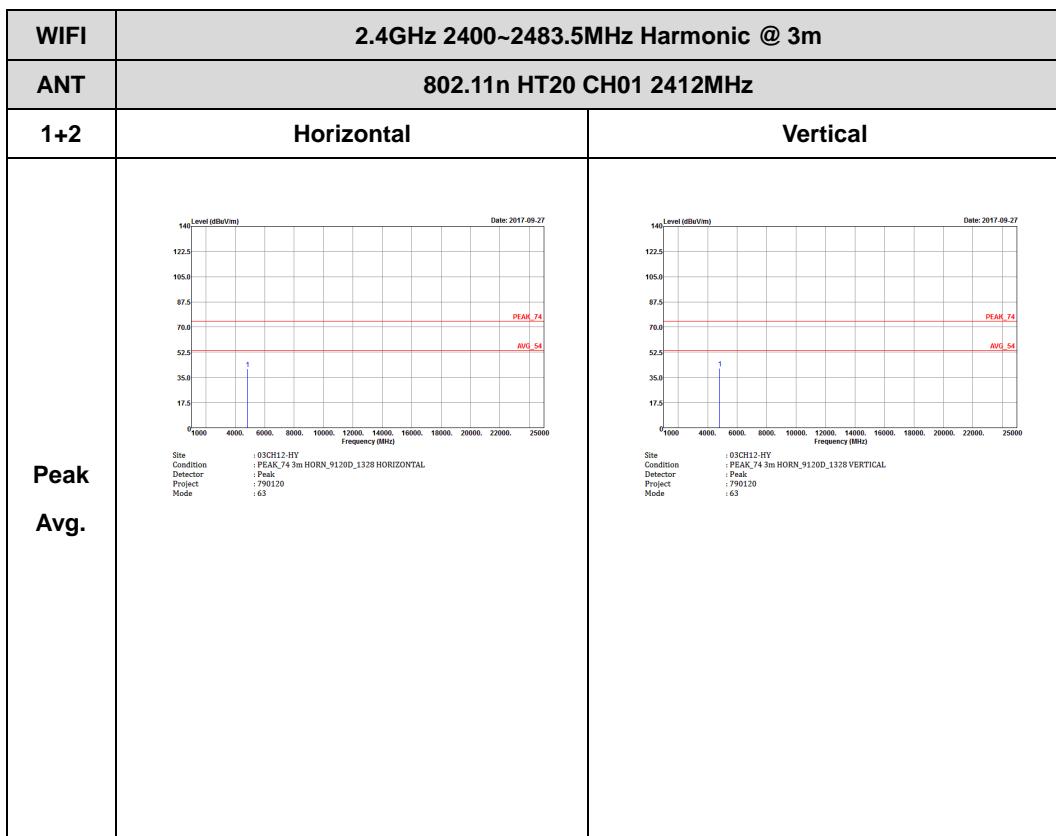


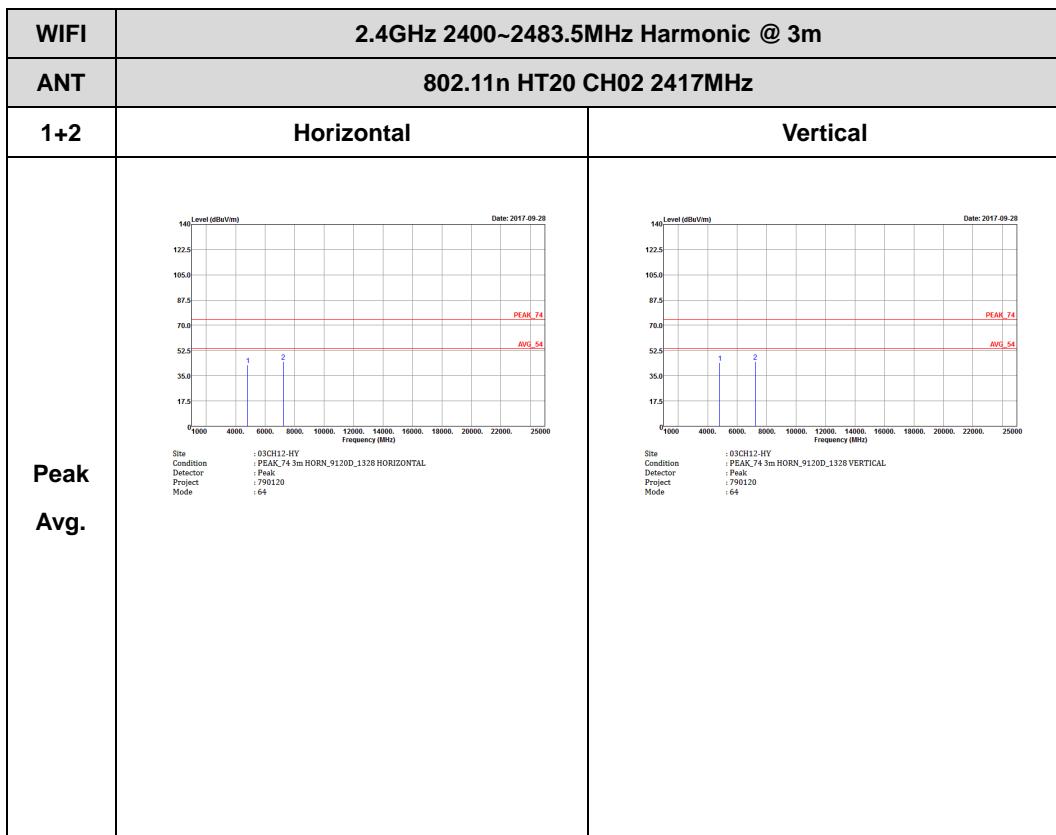
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Graph showing WiFi signal level (dBm/V/m) vs Frequency (MHz). The x-axis ranges from 2430 to 2500 MHz, and the y-axis ranges from 17.5 to 140 dBm/V/m. The signal shows a sharp peak at 2452MHz, indicated by a red vertical line labeled "PEAK_BE_74".</p> <p>Date: 2017-09-28</p> <p>Site: 030H12-HN Condition: PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 790120 Mode: Peak Setting: 70 setting: 14</p>	Left blank
Avg.	<p>Graph showing WiFi signal level (dBm/V/m) vs Frequency (MHz). The x-axis ranges from 2430 to 2500 MHz, and the y-axis ranges from 17.5 to 140 dBm/V/m. The signal shows a broad average level around 2452MHz, indicated by a red vertical line labeled "AVG_BE_54".</p> <p>Date: 2017-09-28</p> <p>Site: 030H12-HV Condition: AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector: RBW:1000.000KHz VBW:0.300KHz SWT:Auto Project: 790120 Mode: Peak Setting: 70 setting: 14</p>	Left blank

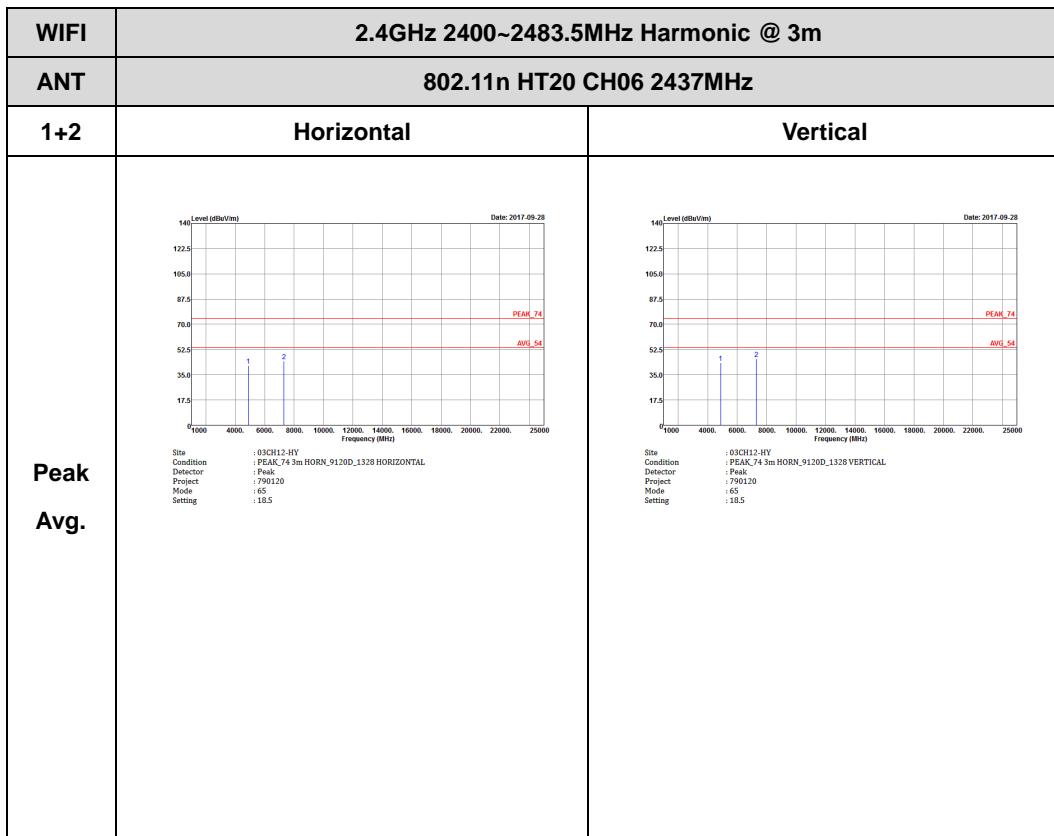


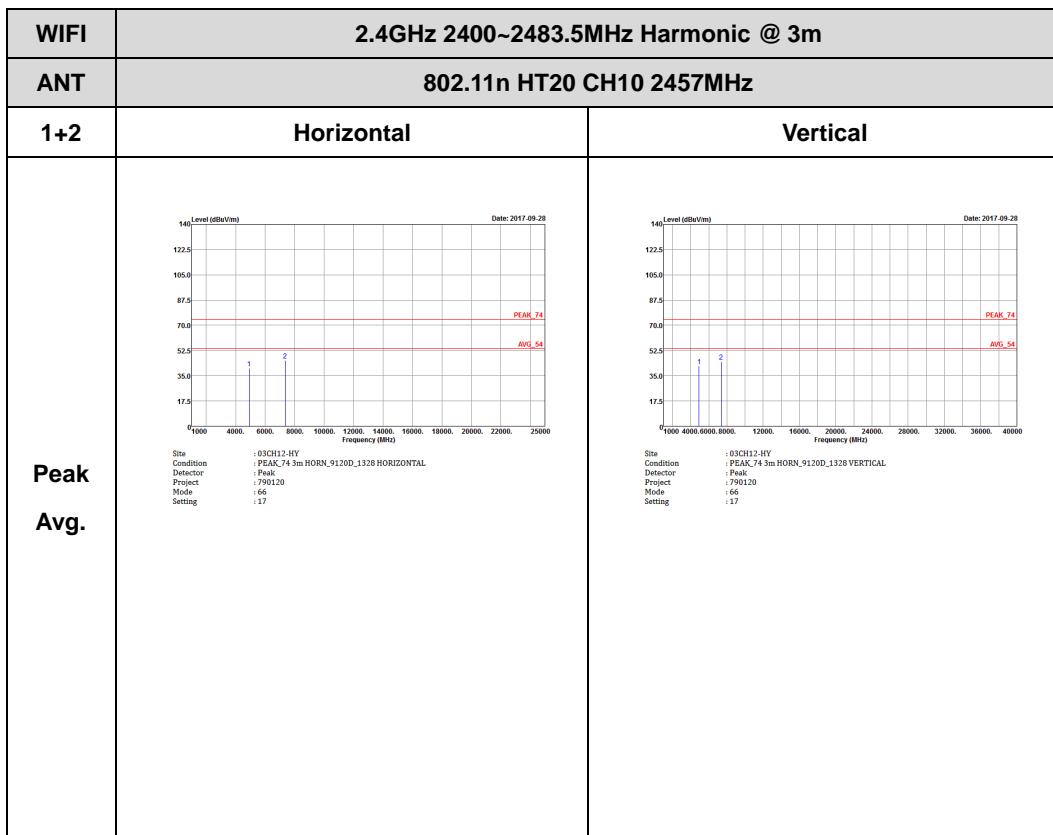
## 2.4GHz 2400~2483.5MHz

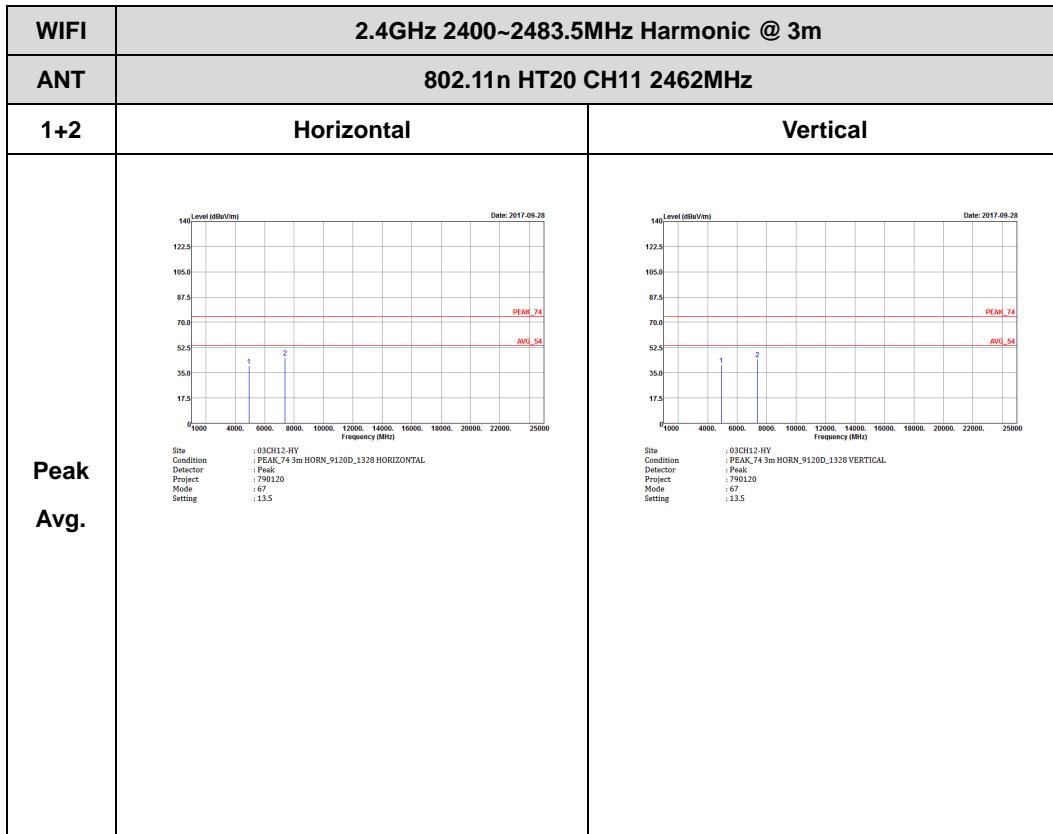
## WIFI 802.11n HT20 (Harmonic @ 3m)







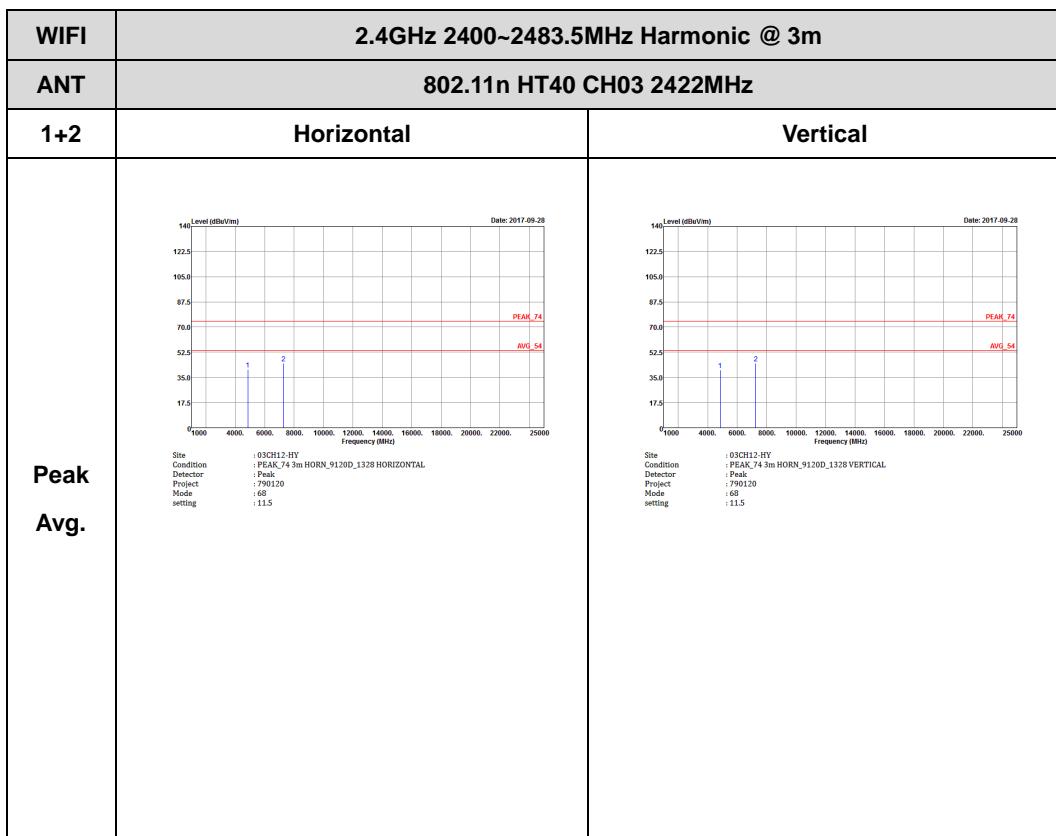


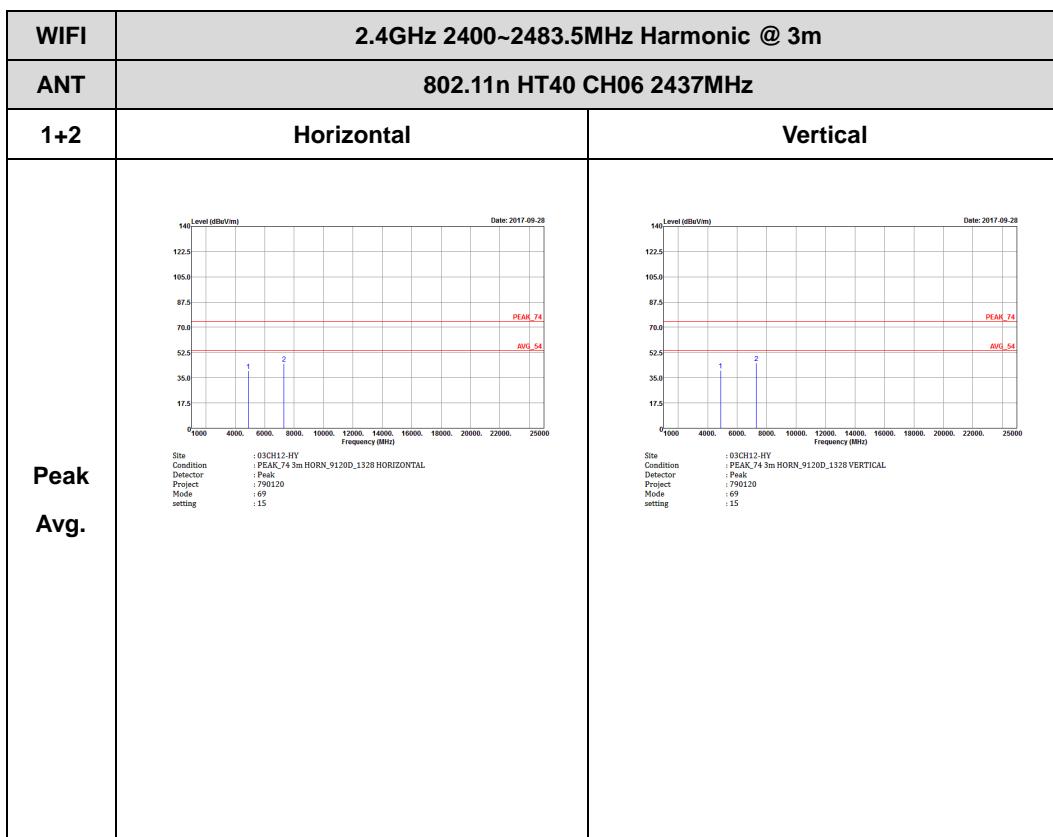


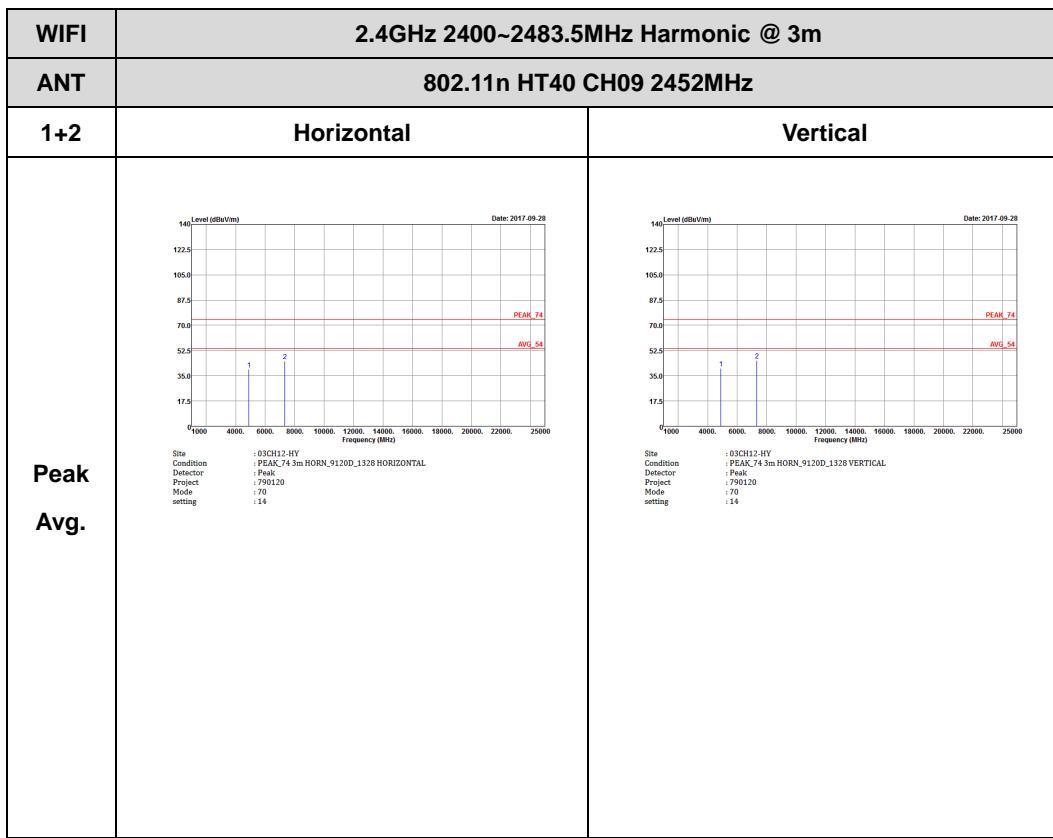


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11n HT40 (Harmonic @ 3m)





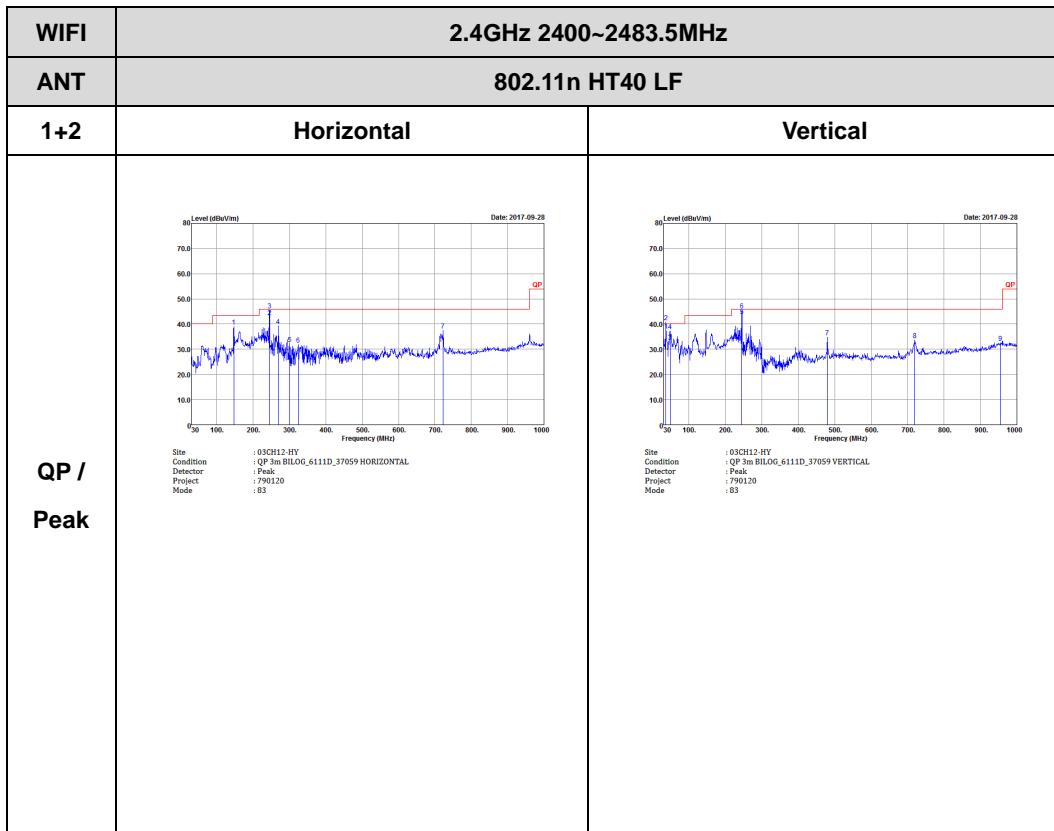




2.4GHz 2400~2483.5MHz

Emission below 1GHz

2.4GHz WIFI 802.11n HT40 (LF)





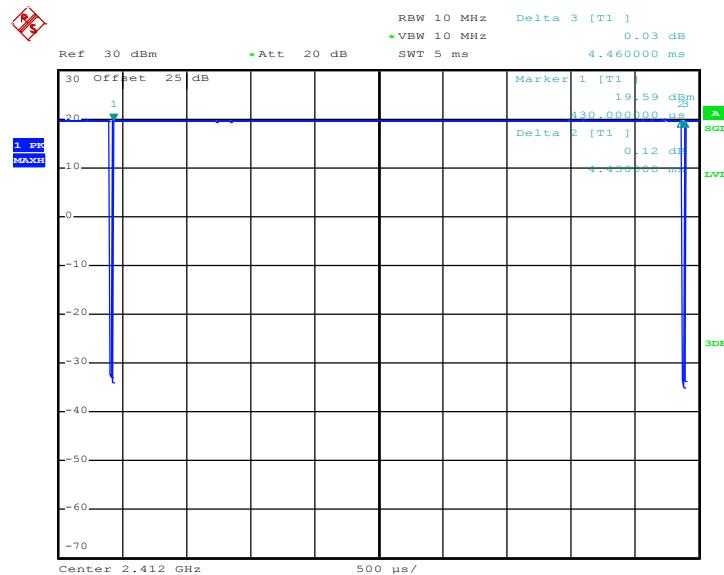
## Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1	802.11b	99.33	-	-	10Hz
1	802.11g	96.05	730	1.37	3kHz
1	2.4GHz 802.11n HT20	94.52	690	1.45	3kHz
1	2.4GHz 802.11n HT40	95.575	648	1.54	3kHz
2	802.11b	99.33	-	-	10Hz
2	802.11g	96.05	730	1.37	3kHz
2	2.4GHz 802.11n HT20	94.52	690	1.45	3kHz
2	2.4GHz 802.11n HT40	95.575	648	1.54	3kHz
1+2	2.4GHz 802.11b for Ant. 1	99.44	-	-	10Hz
1+2	2.4GHz 802.11b for Ant. 2	99.33	-	-	10Hz
1+2	2.4GHz 802.11g for Ant. 1	94.81	730	1.37	3kHz
1+2	2.4GHz 802.11g for Ant. 2	94.81	730	1.37	3kHz
1+2	2.4GHz 802.11n HT20 for Ant. 1	94.52	690	1.45	3kHz
1+2	2.4GHz 802.11n HT20 for Ant. 2	94.52	690	1.45	3kHz
1+2	2.4GHz 802.11n HT40 for Ant. 1	95.575	648	1.54	3kHz
1+2	2.4GHz 802.11n HT40 for Ant. 2	95.575	648	1.54	3kHz



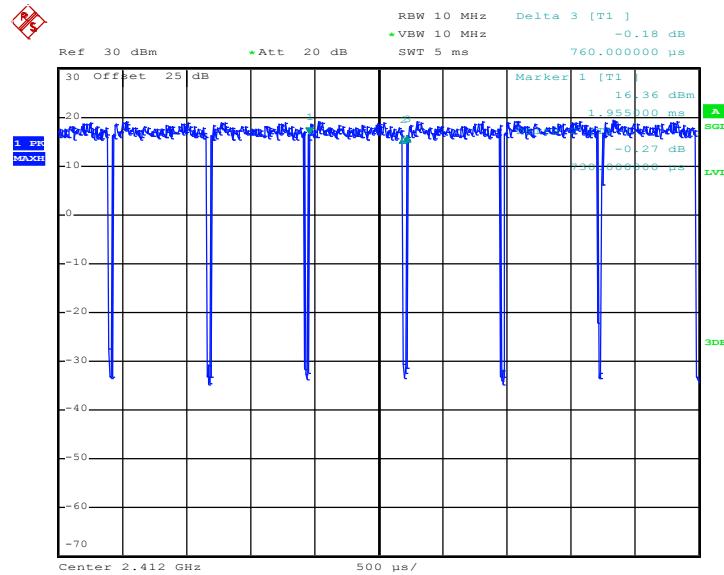
<Ant. 1>

802.11b



Date: 4.SEP.2017 19:25:59

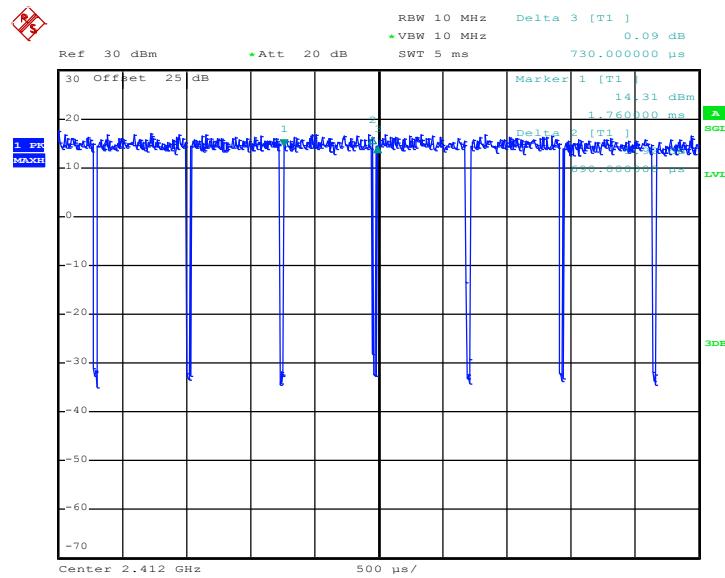
## **802.11g**



Date: 4.SEP.2017 19:30:45

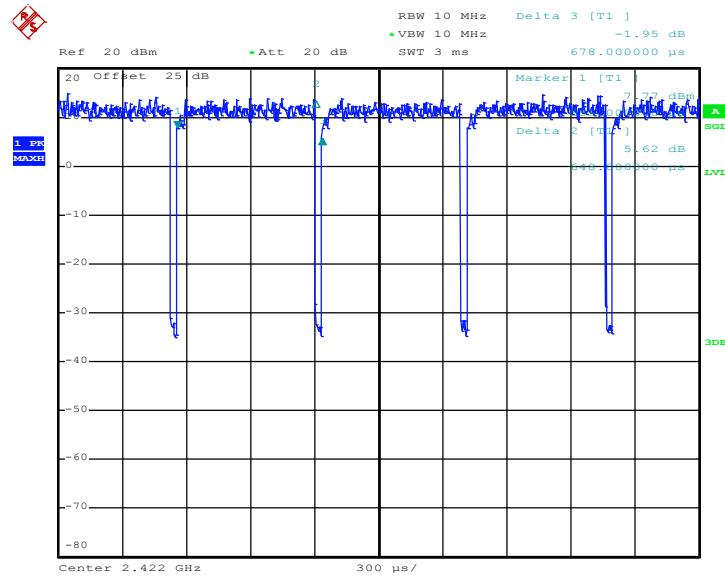


## 802.11n HT20



Date: 4.SEP.2017 19:34:41

## 802.11n HT40

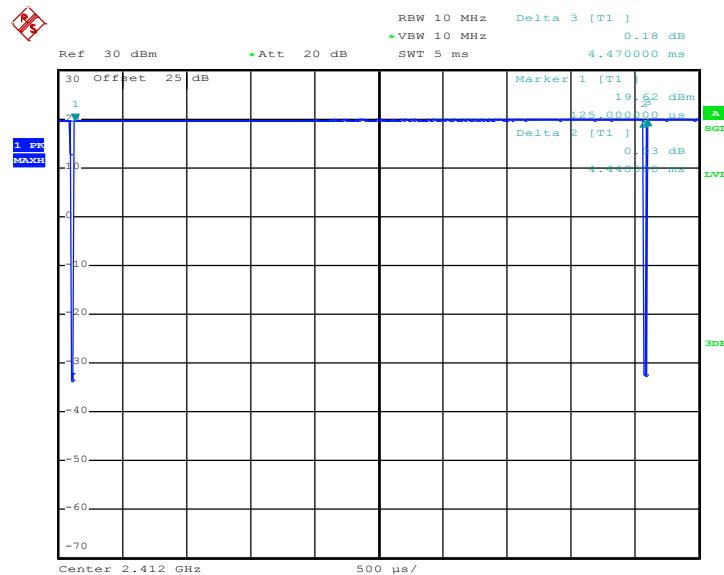


Date: 14.SEP.2017 21:19:14



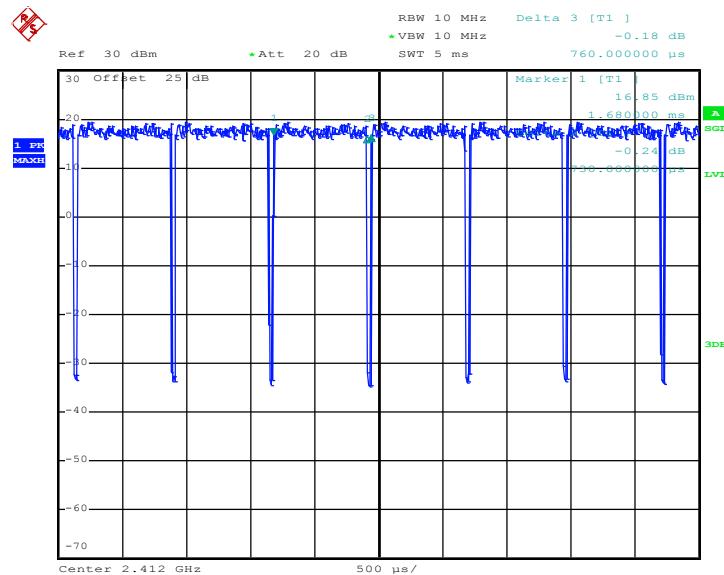
<Ant. 2>

802.11b



Date: 4.SEP.2017 19:27:52

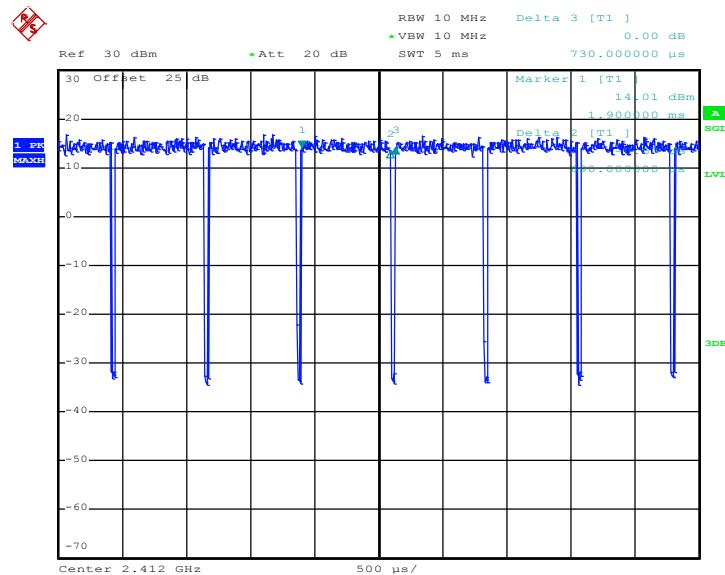
## 802.11g



Date: 4.SEP.2017 19:32:00

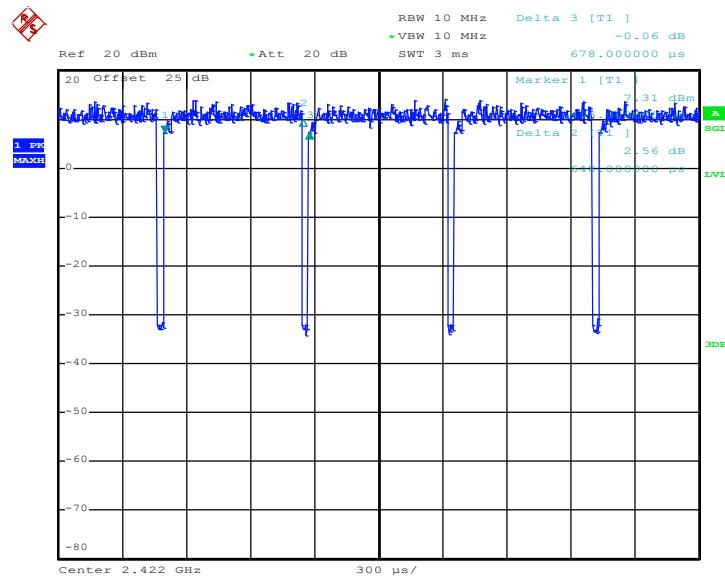


## 802.11n HT20



Date: 4.SEP.2017 19:33:18

## 802.11n HT40

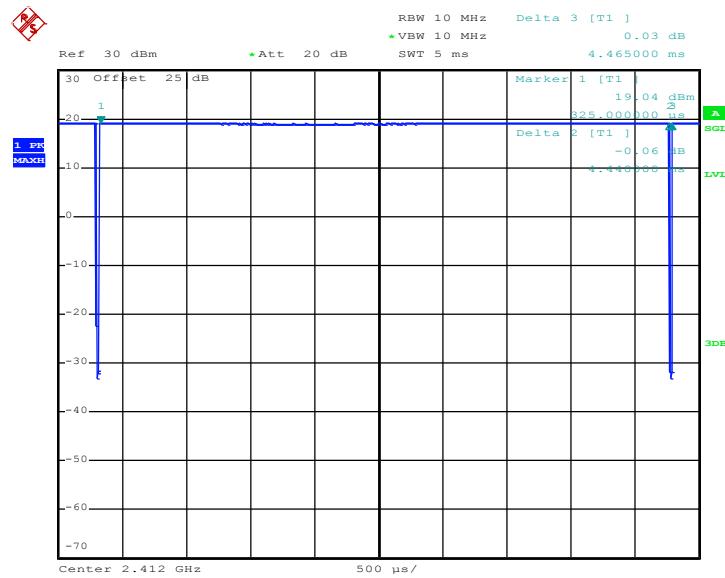


Date: 14.SEP.2017 21:22:44



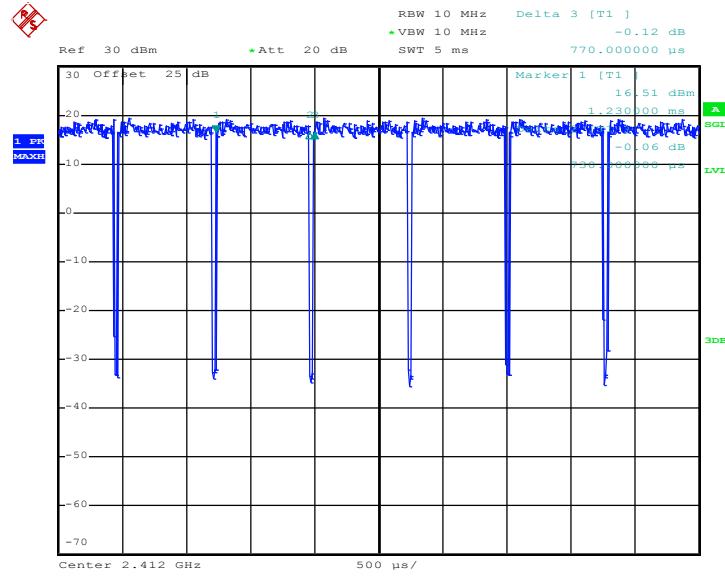
## &lt;MIMO Ant. 1&gt;

## 802.11b



Date: 5.SEP.2017 22:36:09

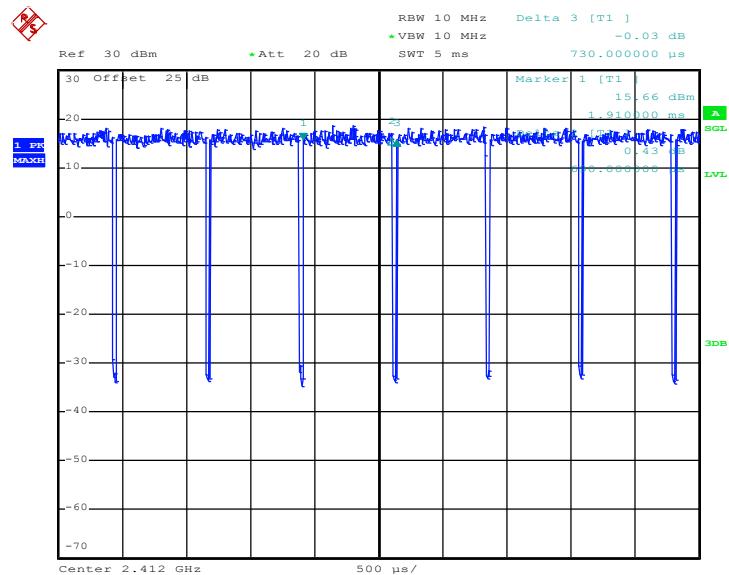
## 802.11g



Date: 5.SEP.2017 23:00:07

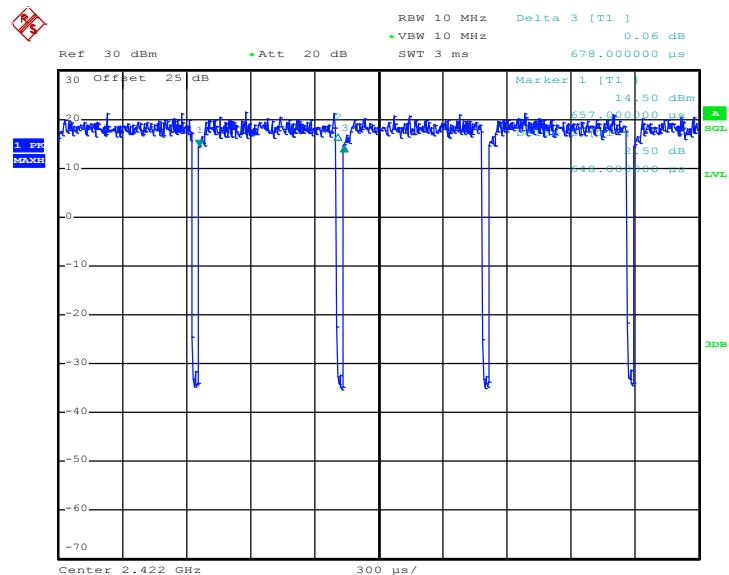


## 802.11n HT20



Date: 5.SEP.2017 23:07:46

## 802.11n HT40

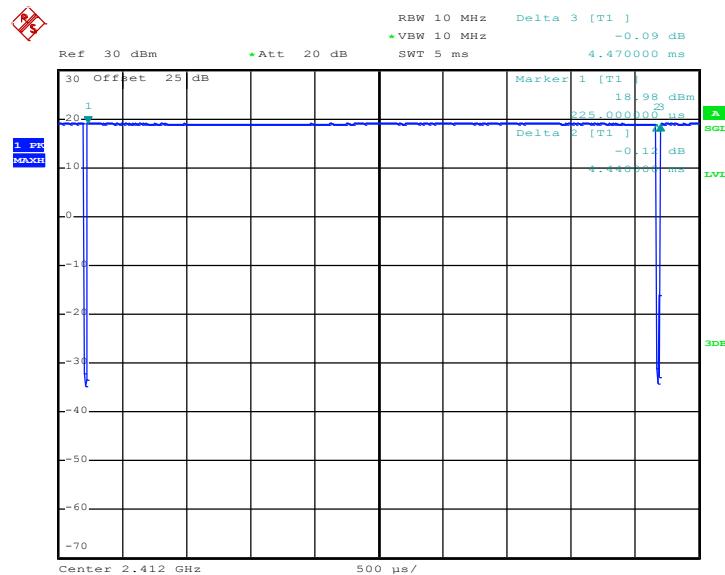


Date: 14.SEP.2017 21:32:03



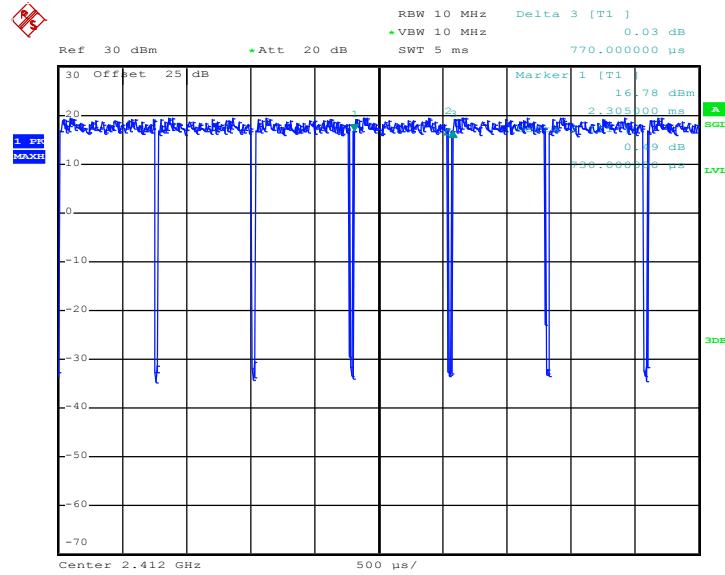
## &lt;MIMO Ant. 2&gt;

## 802.11b



Date: 5.SEP.2017 22:37:07

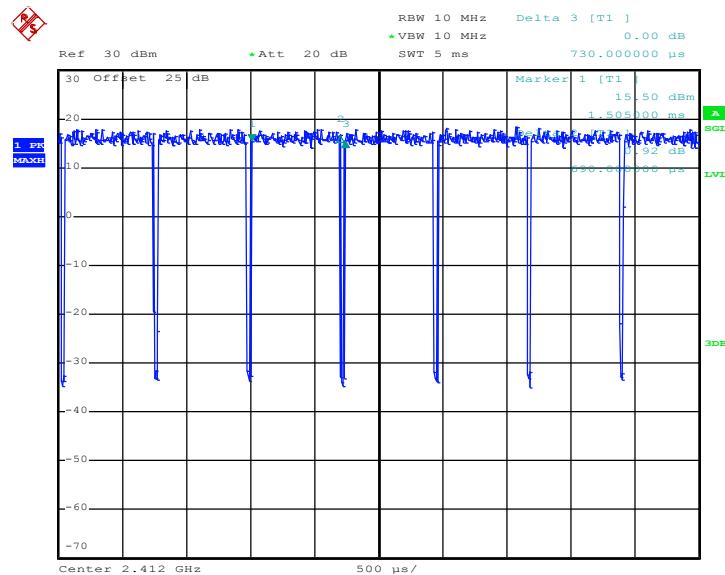
## 802.11g



Date: 5.SEP.2017 23:00:45

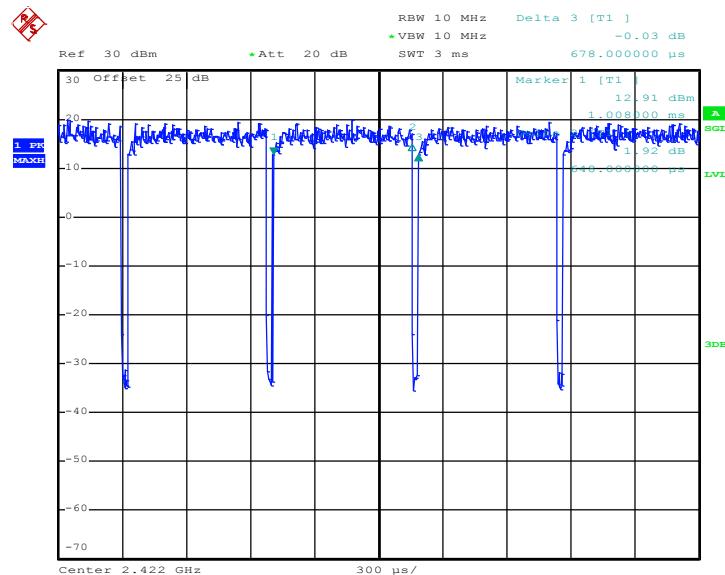


## 802.11n HT20



Date: 5.SEP.2017 23:08:33

## 802.11n HT40



Date: 14.SEP.2017 21:33:59