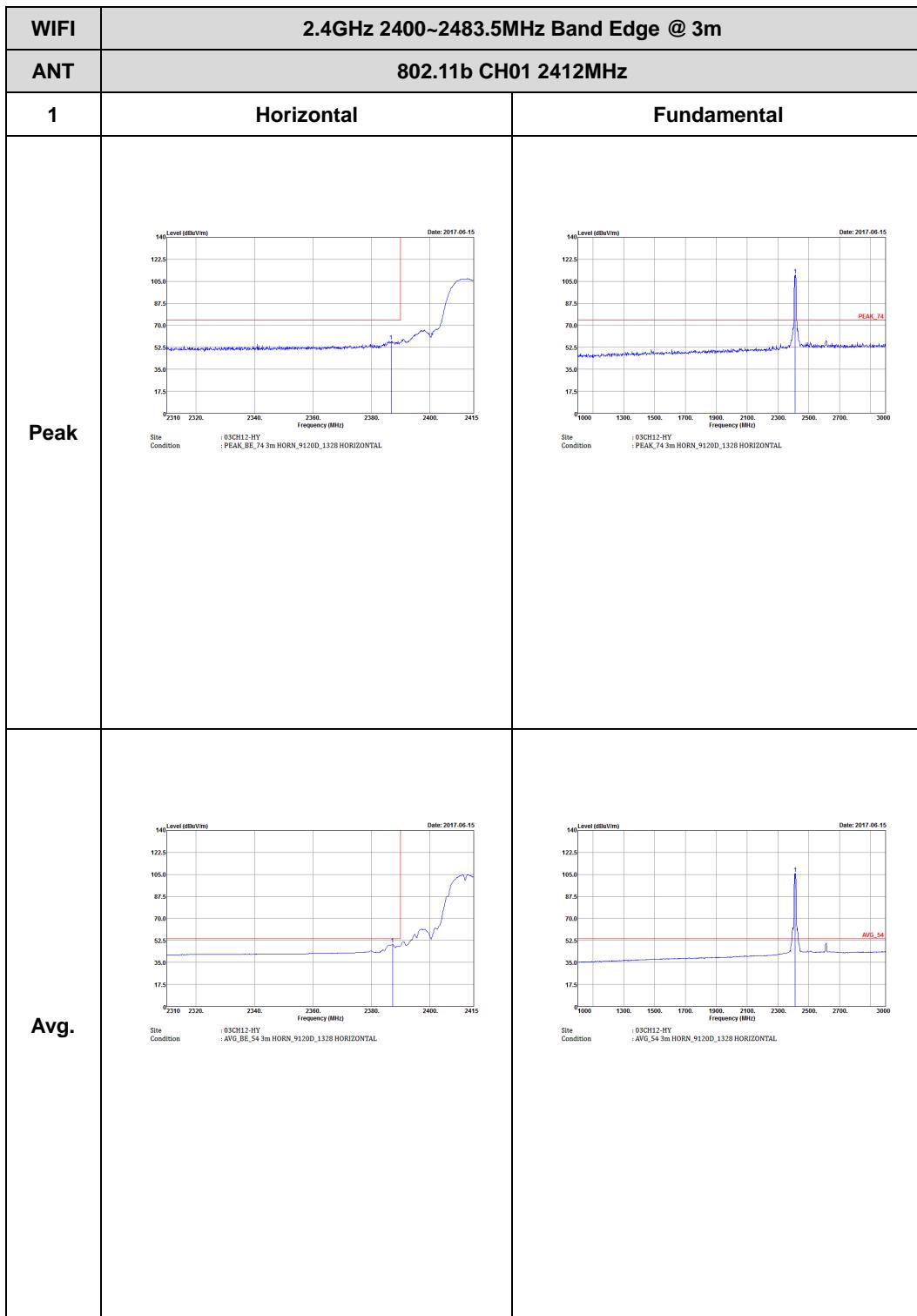
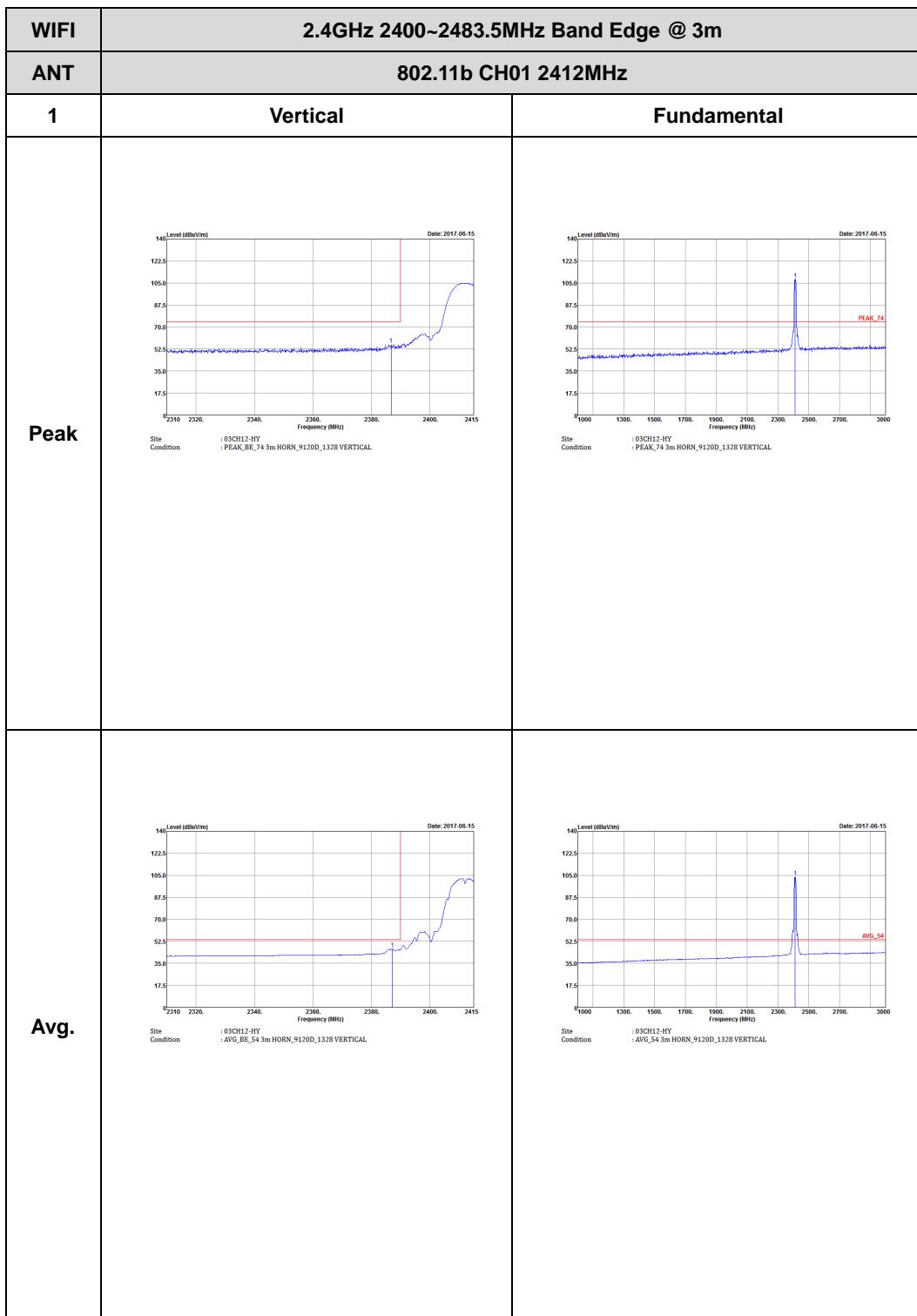


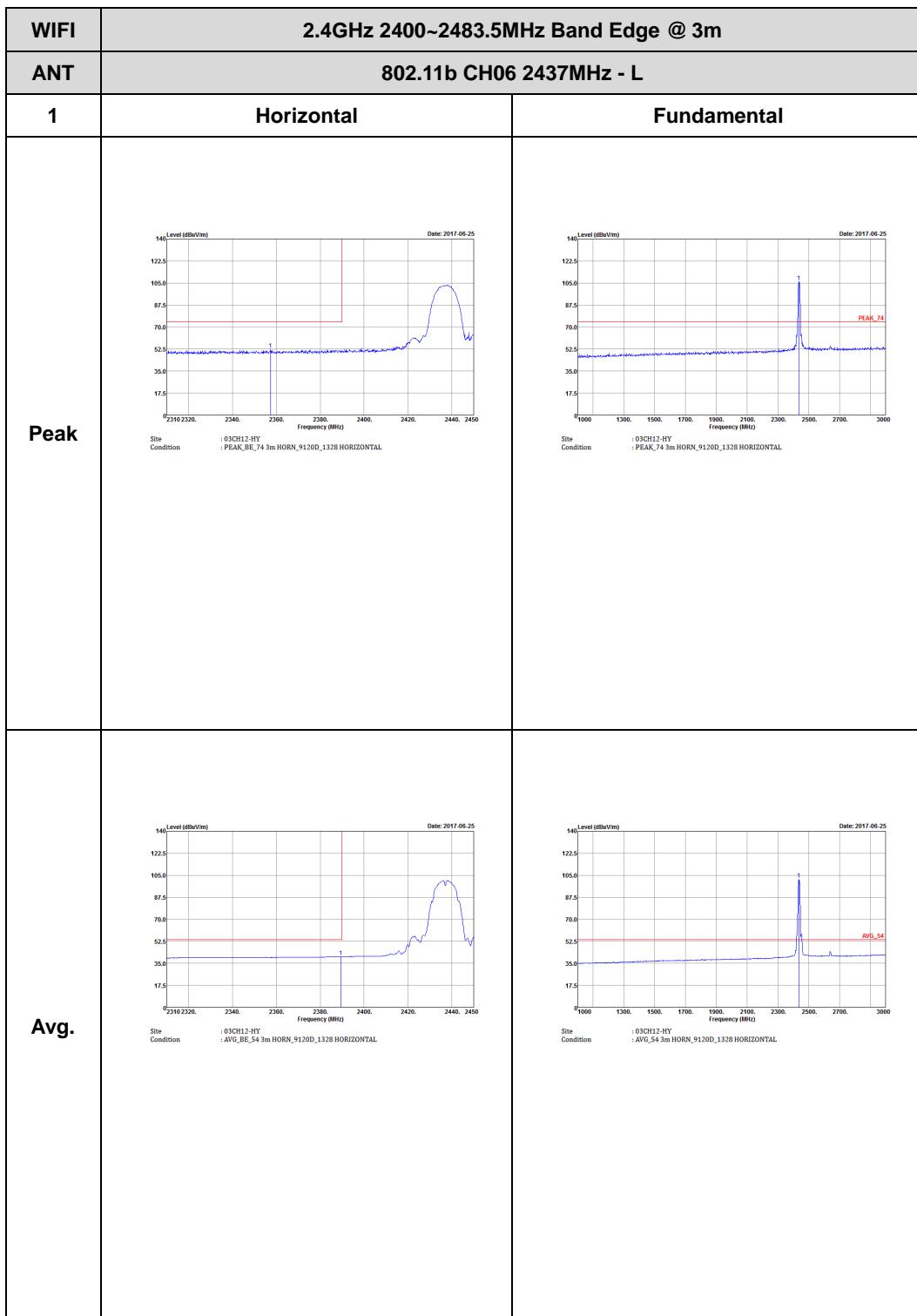


## 2.4GHz 2400~2483.5MHz

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

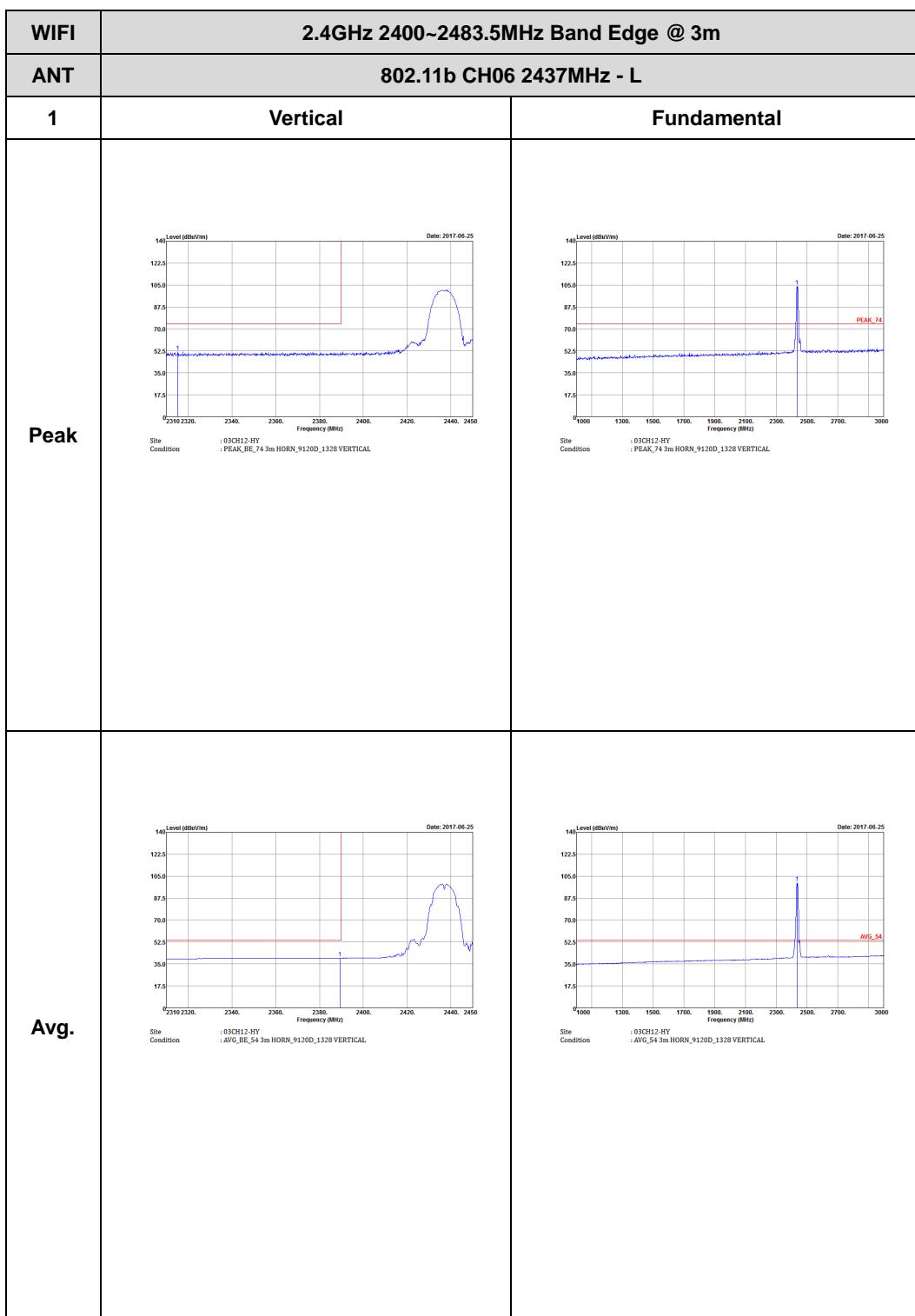




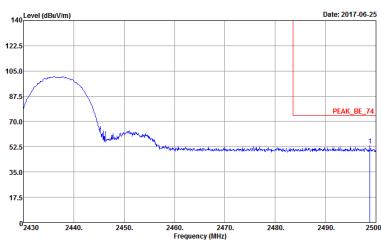
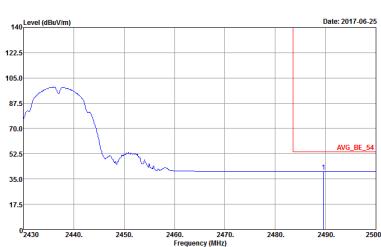


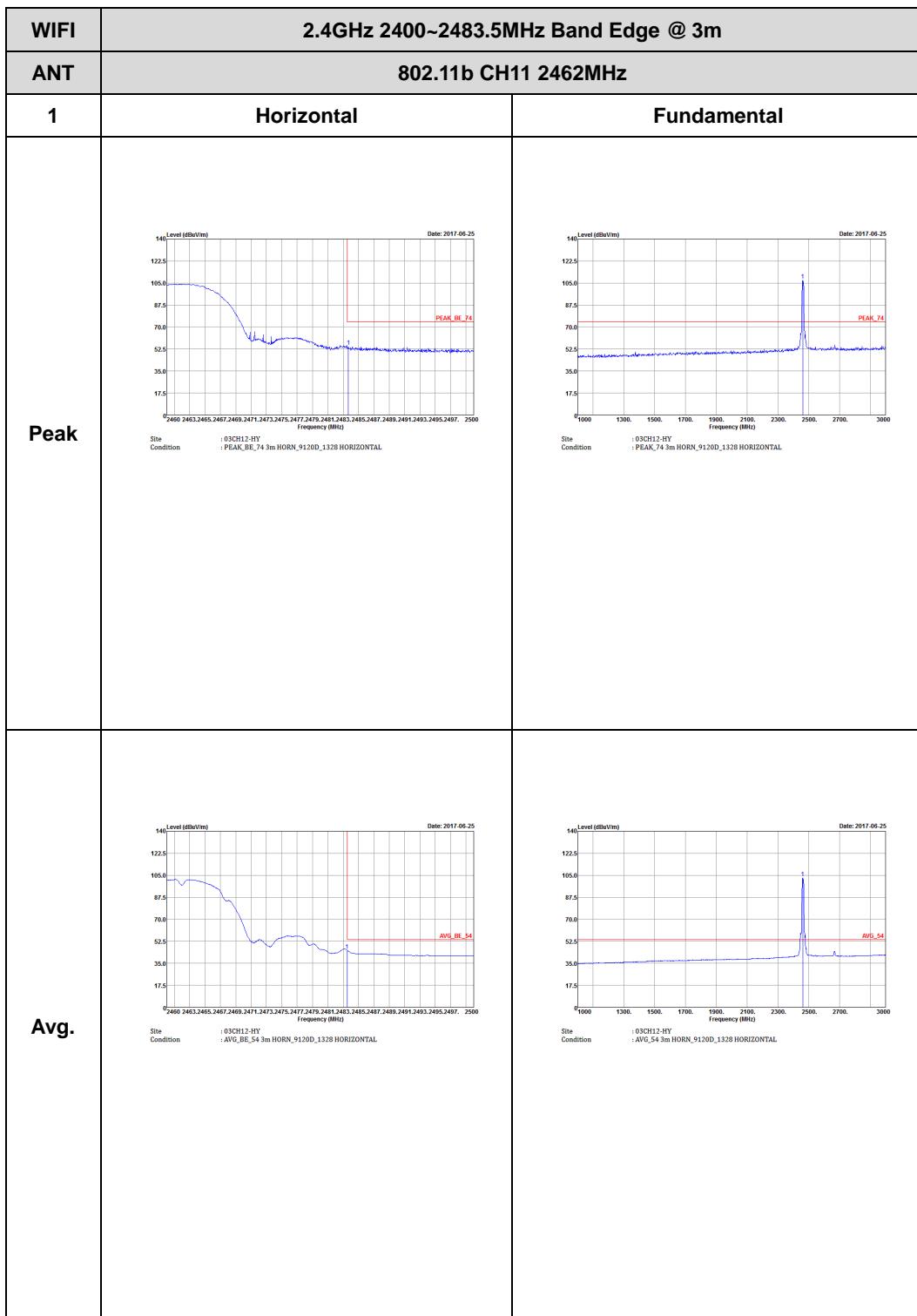


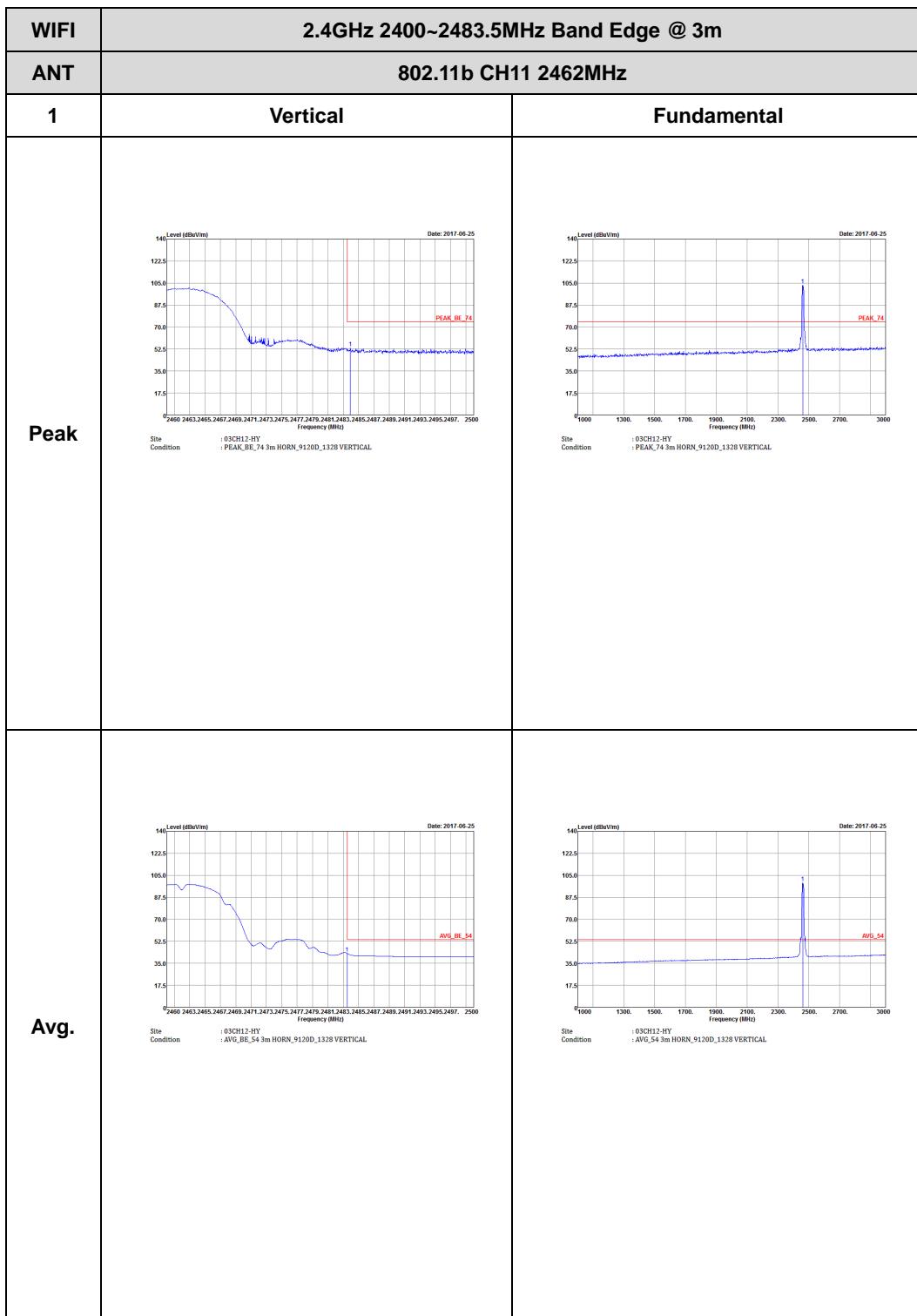
<b>WIFI</b>	<b>2.4GHz 2400~2483.5MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11b CH06 2437MHz - R</b>	
<b>1</b>	<b>Horizontal</b>	<b>Fundamental</b>
<b>Peak</b>	 <p>Level (dBcV/m)</p> <p>Date: 2017.06.25</p> <p>Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN, 9120D, 1328 HORIZONTAL</p> <p>Frequency (MHz)</p>	Left blank
<b>Avg.</b>	 <p>Level (dBcV/m)</p> <p>Date: 2017.06.25</p> <p>Site Condition : 03CH12-HY : AVG_BE_54 3m HORN, 9120D, 1328 HORIZONTAL</p> <p>Frequency (MHz)</p>	Left blank

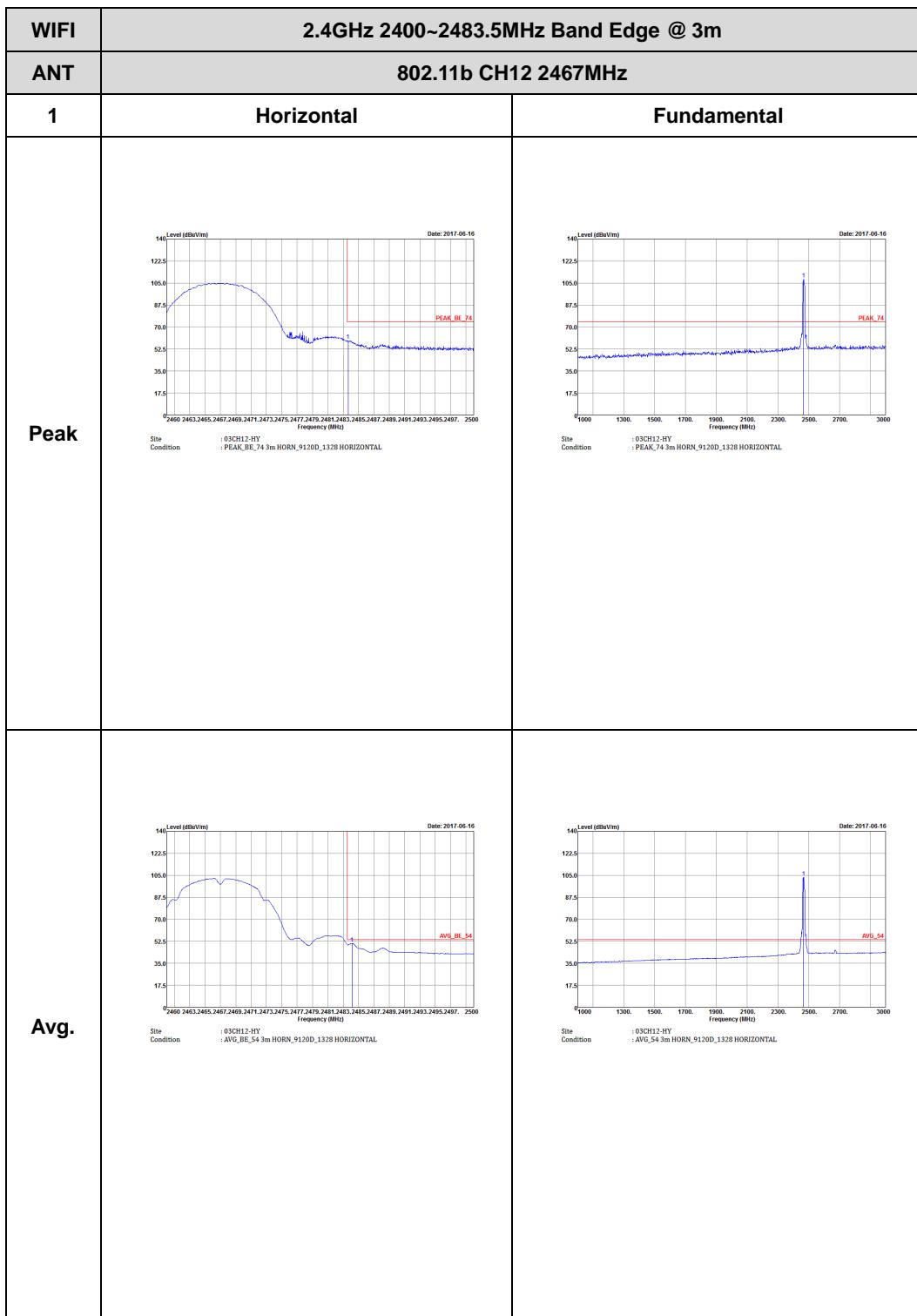


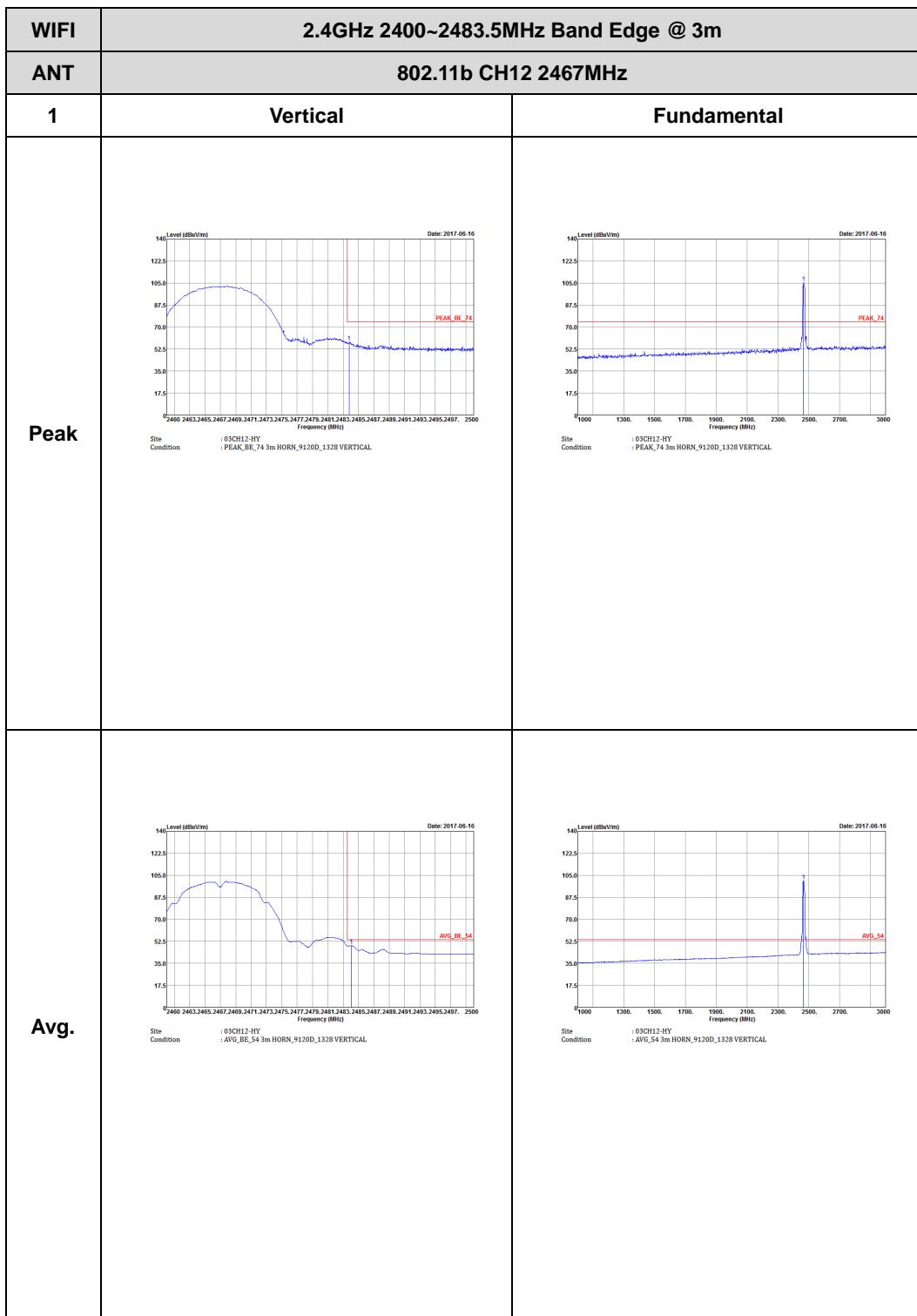


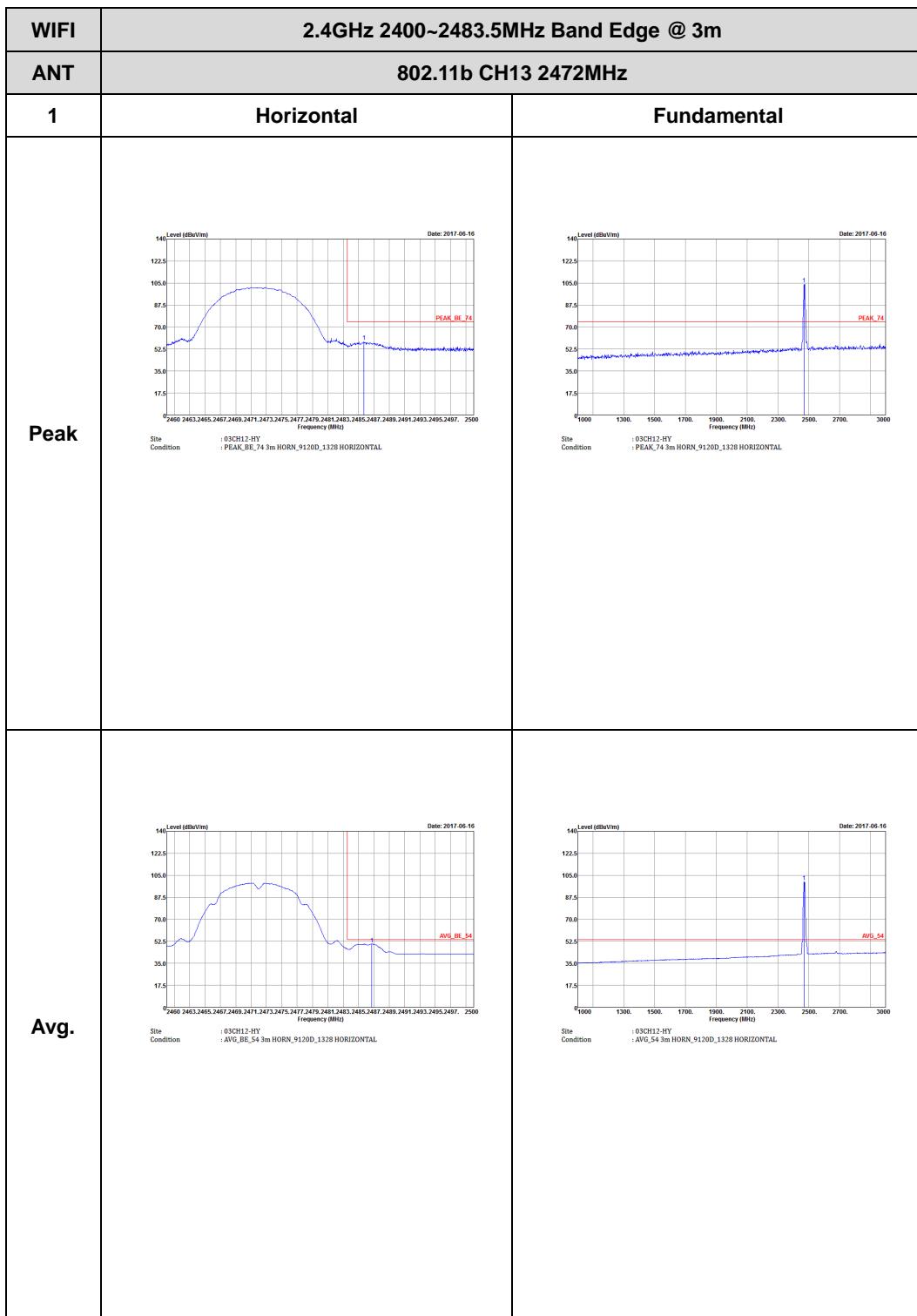
<b>WIFI</b>	<b>2.4GHz 2400~2483.5MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11b CH06 2437MHz - R</b>	
<b>1</b>	<b>Vertical</b>	<b>Fundamental</b>
<b>Peak</b>	 <p>Graph showing Level (dBm/m) vs Frequency (MHz). The x-axis ranges from 2430 to 2500 MHz, and the y-axis ranges from 17.5 to 144 dBm/m. A blue curve shows a peak at approximately 2437 MHz. A red vertical line marks the peak level at PEAK_BE_74. The graph is dated 2017-06-25.</p> <p>Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL.</p>	Left blank
<b>Avg.</b>	 <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 144 dBm/m. A blue curve shows a broad average level around 2437 MHz. A red vertical line marks the average level at AVG_BE_54. The graph is dated 2017-06-25.</p> <p>Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL.</p>	Left blank

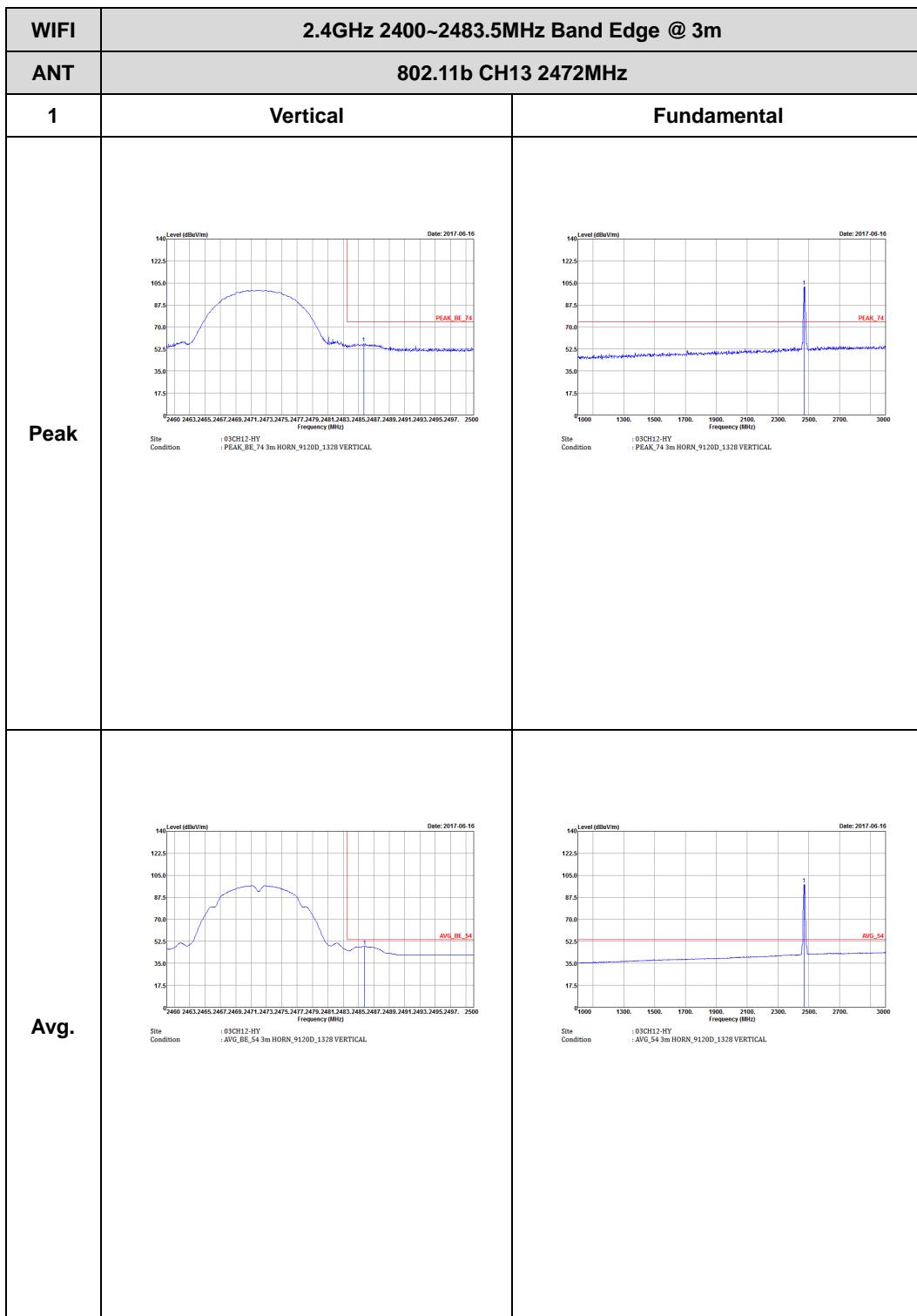








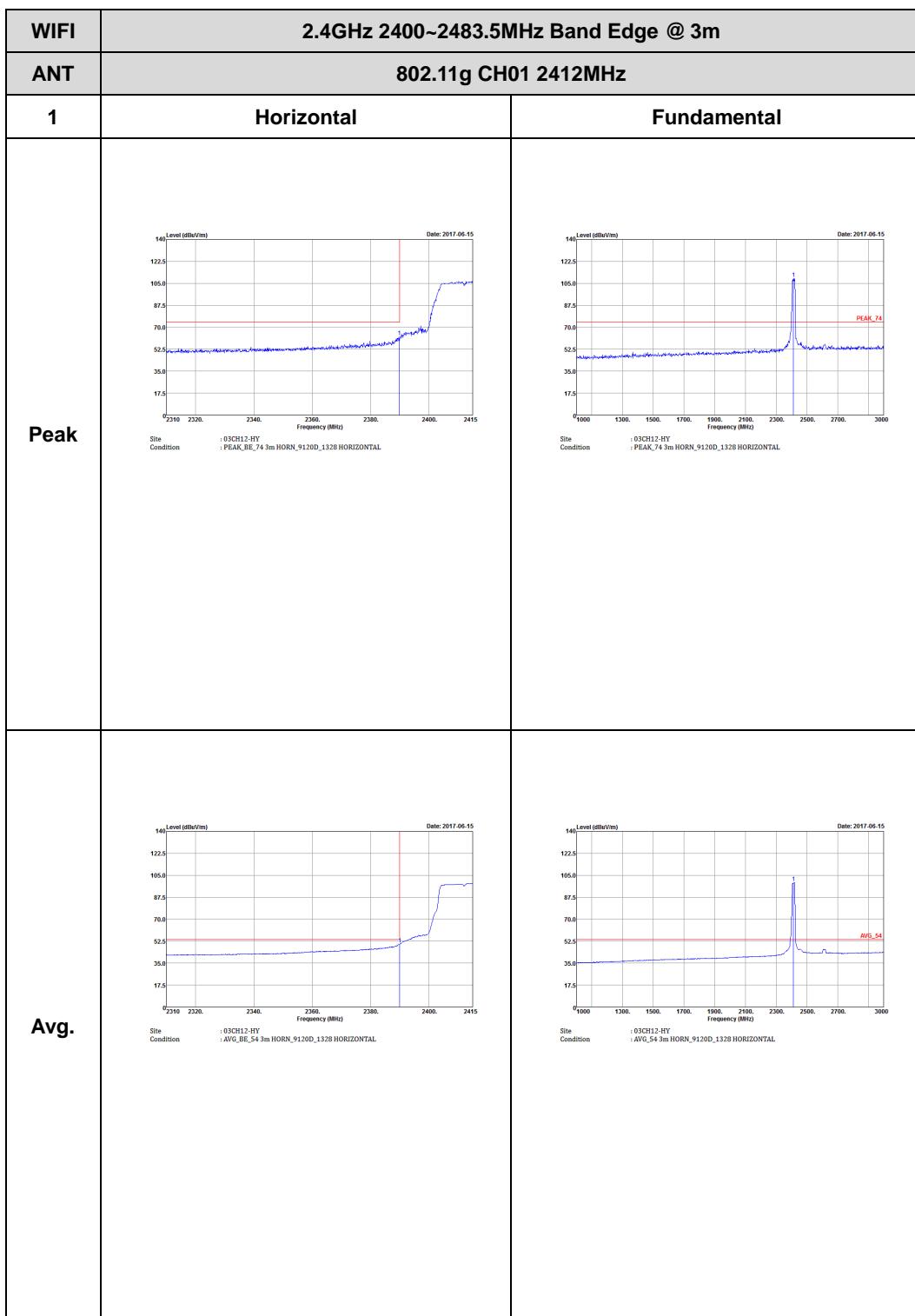


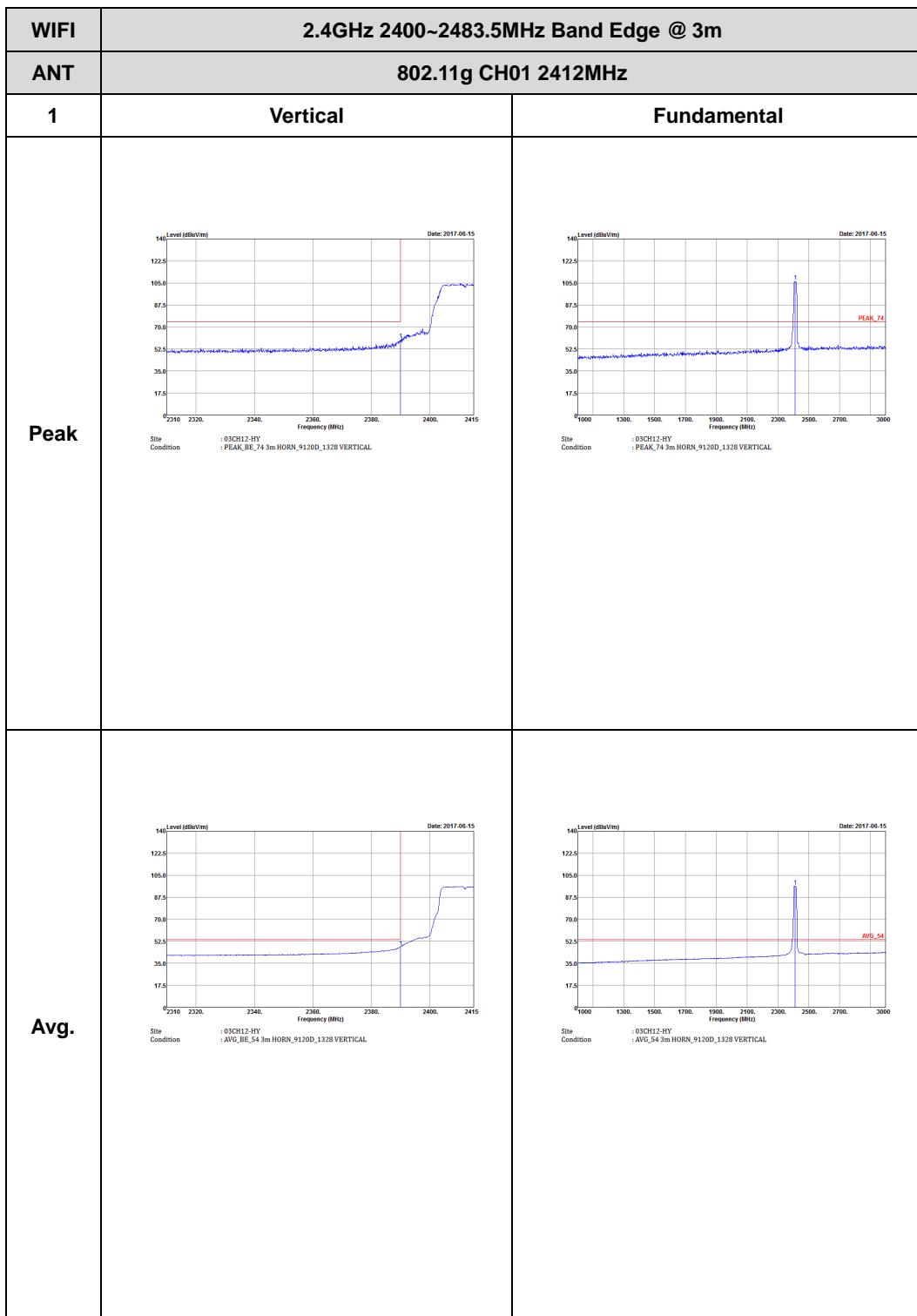


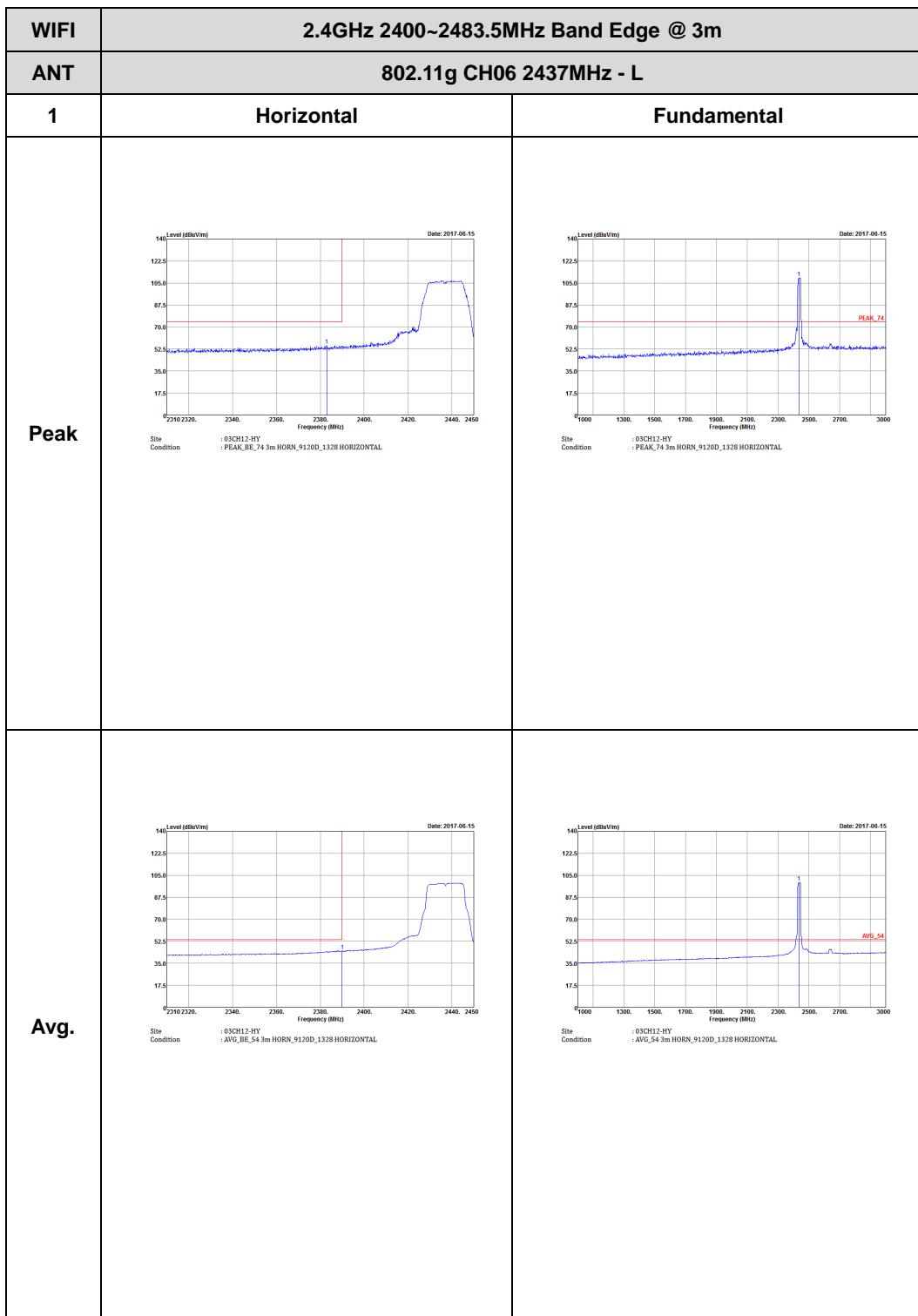


## 2.4GHz 2400~2483.5MHz

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

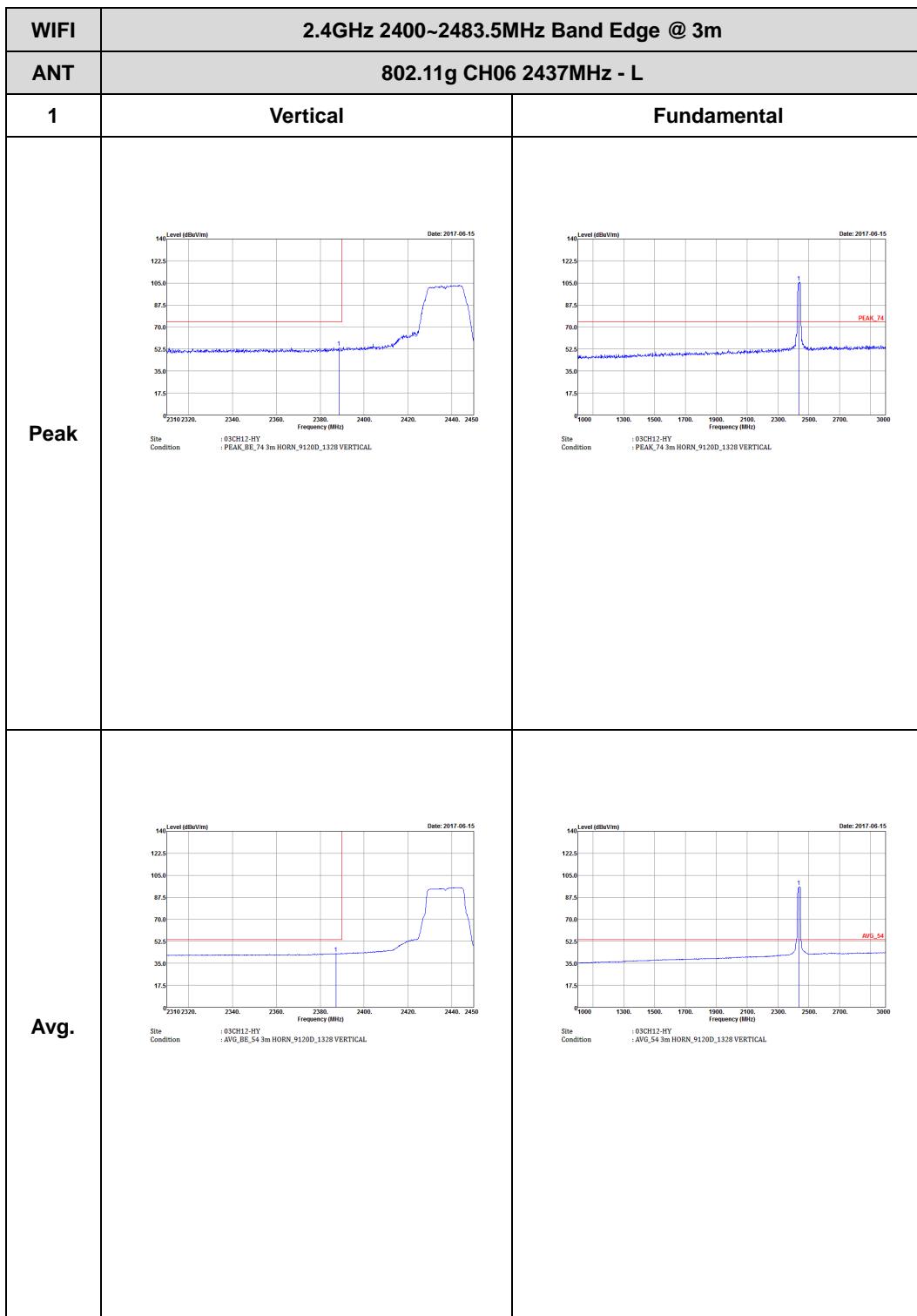




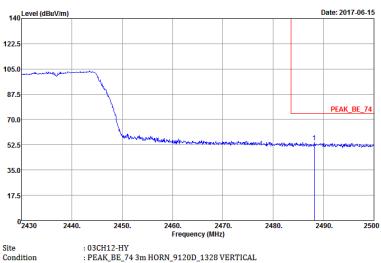


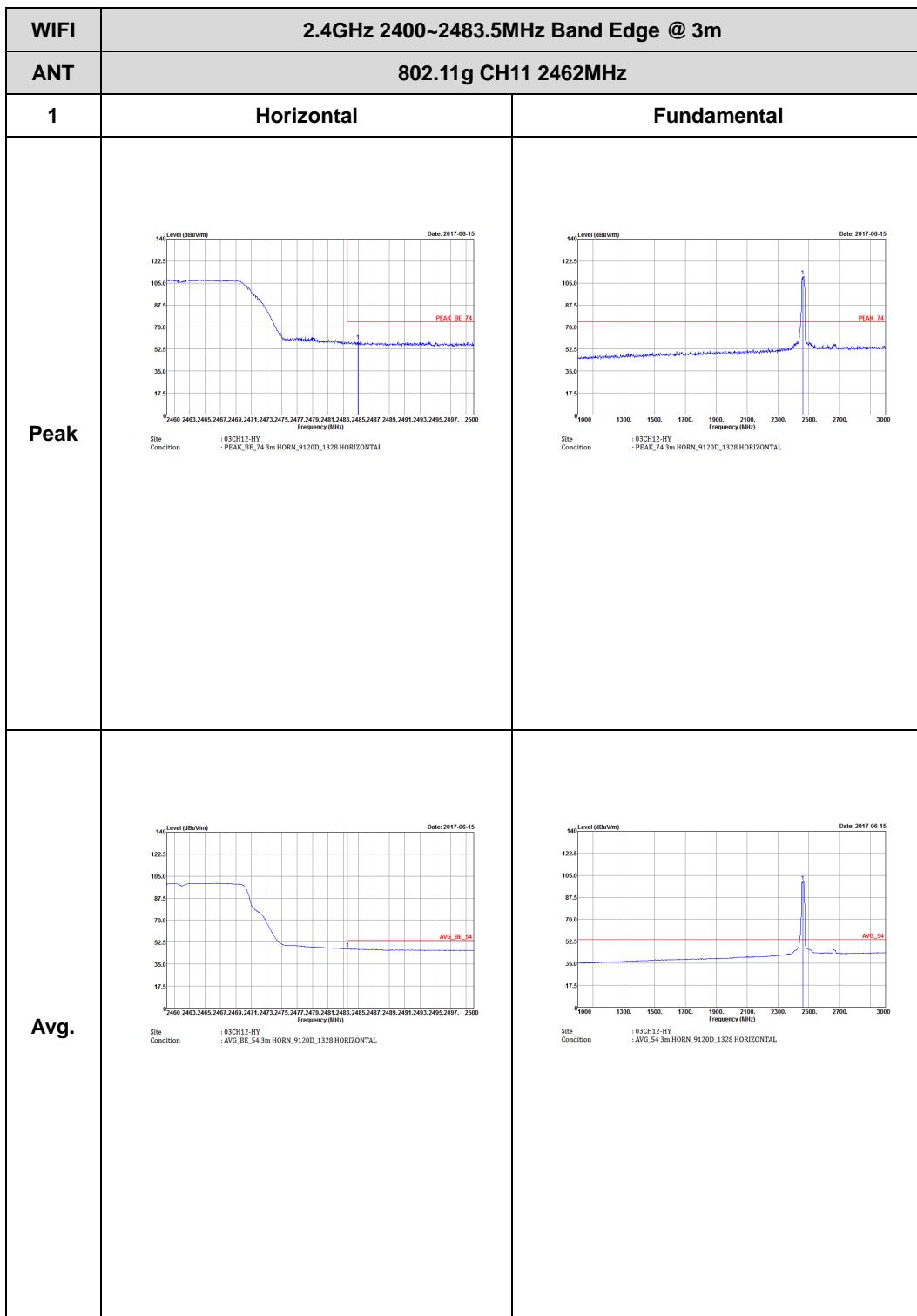


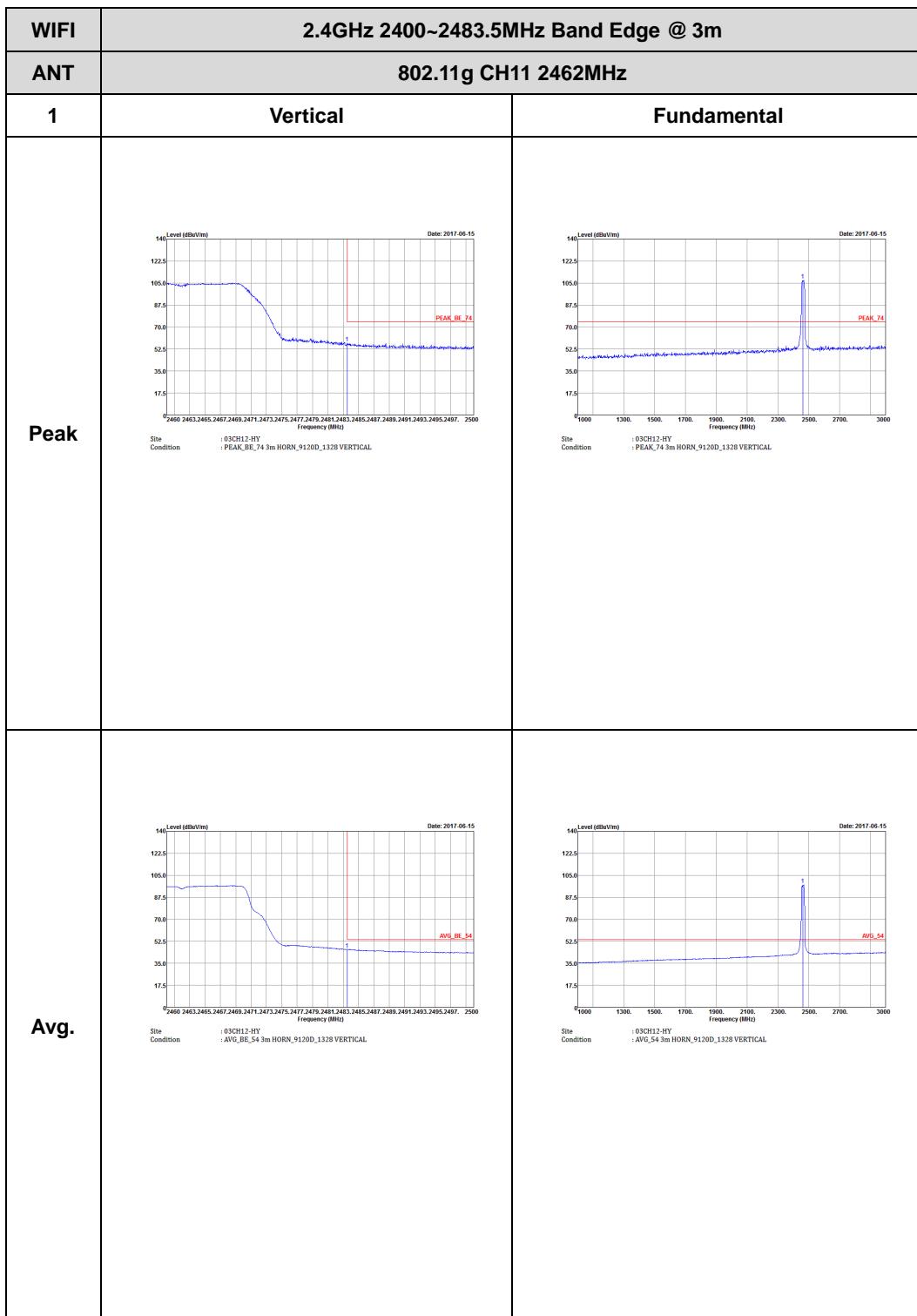
<b>WIFI</b>	<b>2.4GHz 2400~2483.5MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11g CH06 2437MHz - R</b>	
<b>1</b>	<b>Horizontal</b>	<b>Fundamental</b>
<b>Peak</b>	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL	Left blank
<b>Avg.</b>	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL	Left blank

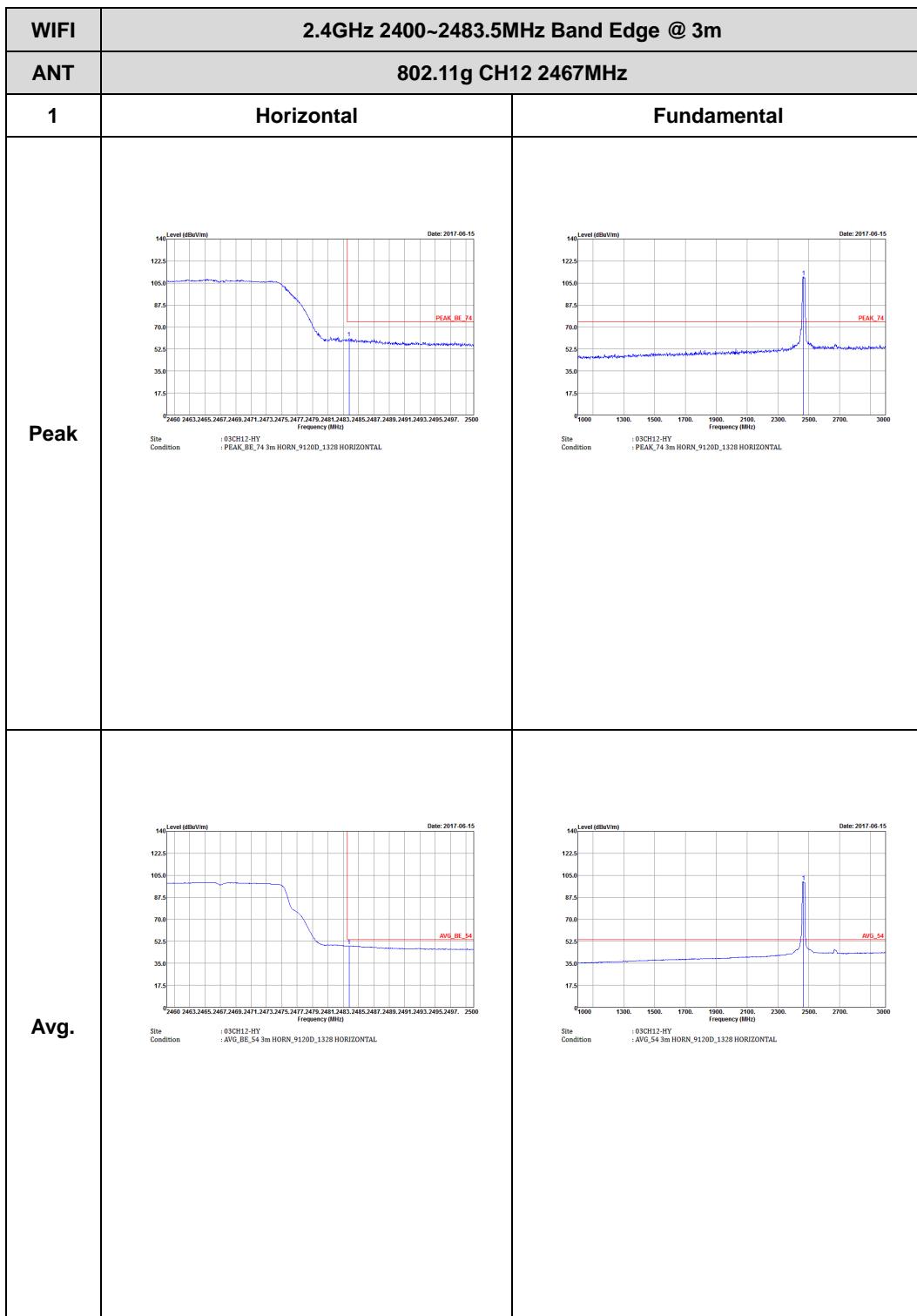


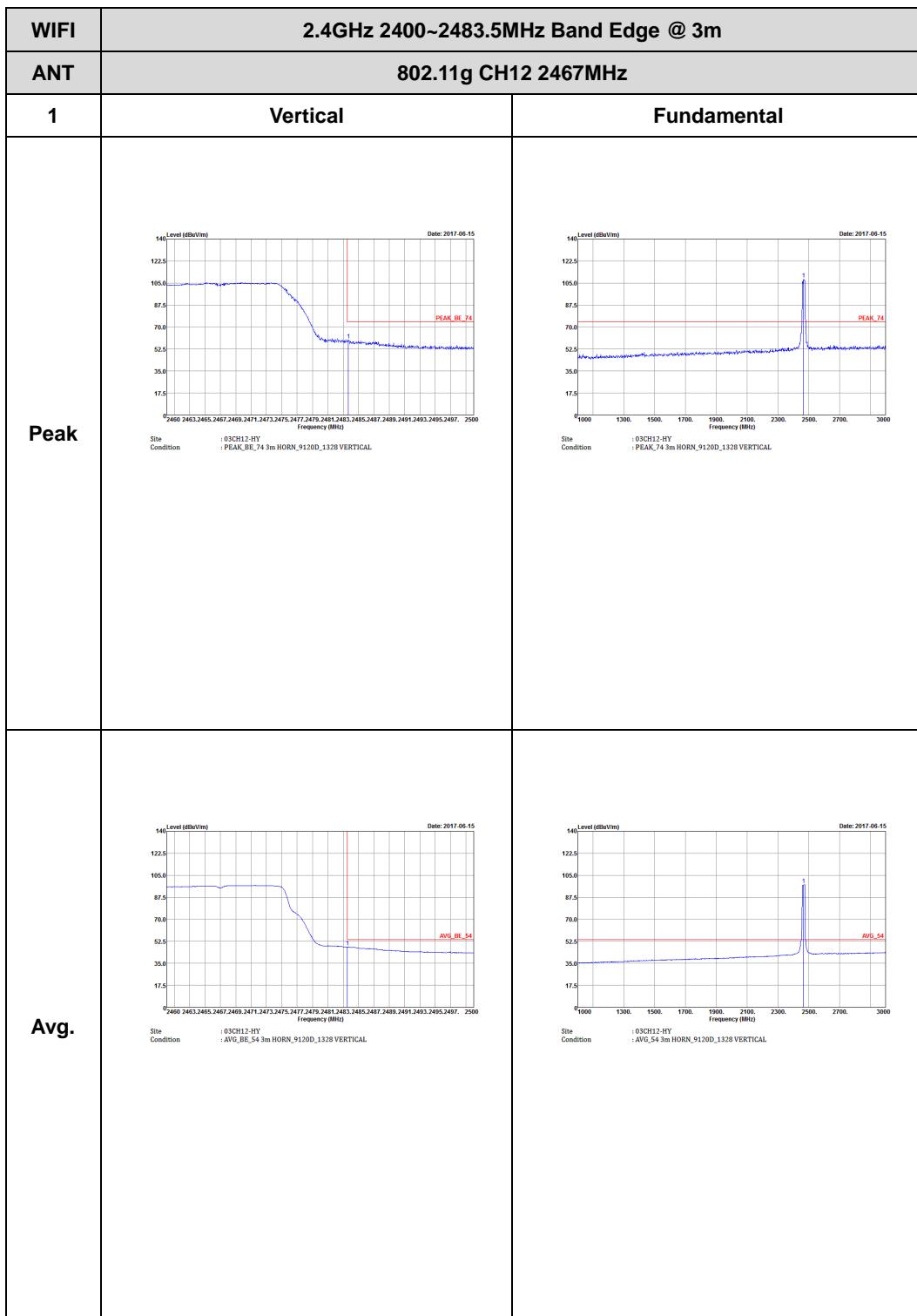


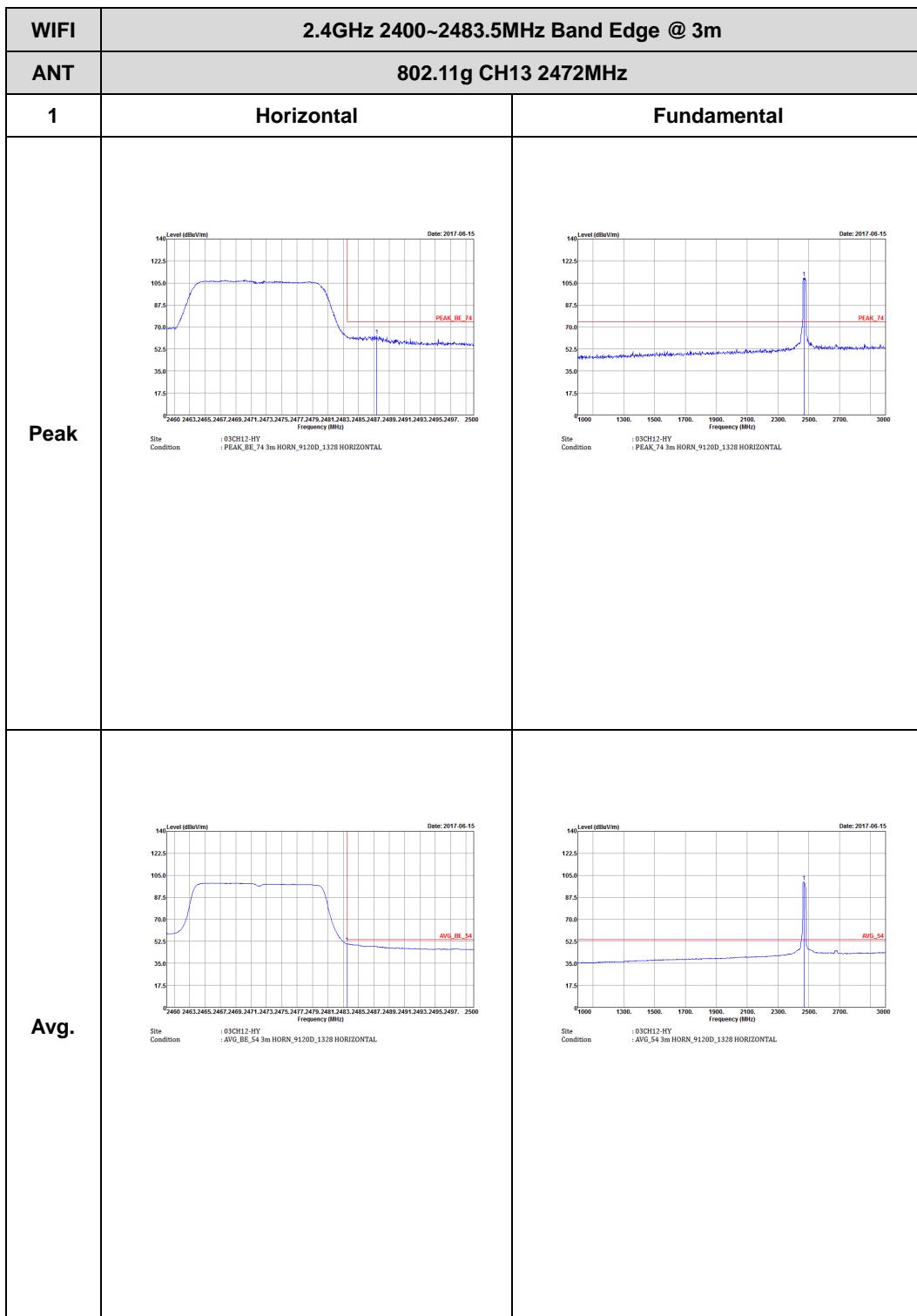
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 <p>Level (dBm/m) vs Frequency (MHz) plot. The x-axis ranges from 2430 to 2500 MHz, and the y-axis ranges from 17.5 to 144 dBm/m. A blue line shows a sharp peak at approximately 2437 MHz labeled 'PEAK_BE_74'. The plot is dated 2017.06.15. Site condition: 03CH12-HY, PEAK_BE_74 3m HORN, 9120D, 1328 VERTICAL.</p>	Left Blank
Avg.	 <p>Level (dBm/m) vs Frequency (MHz) plot. The x-axis ranges from 2430 to 2500 MHz, and the y-axis ranges from 17.5 to 144 dBm/m. A blue line shows a broad peak at approximately 2437 MHz labeled 'AVG_BE_54'. The plot is dated 2017.06.15. Site condition: 03CH12-HY, AVG_BE_54 3m HORN, 9120D, 1328 VERTICAL.</p>	Left Blank

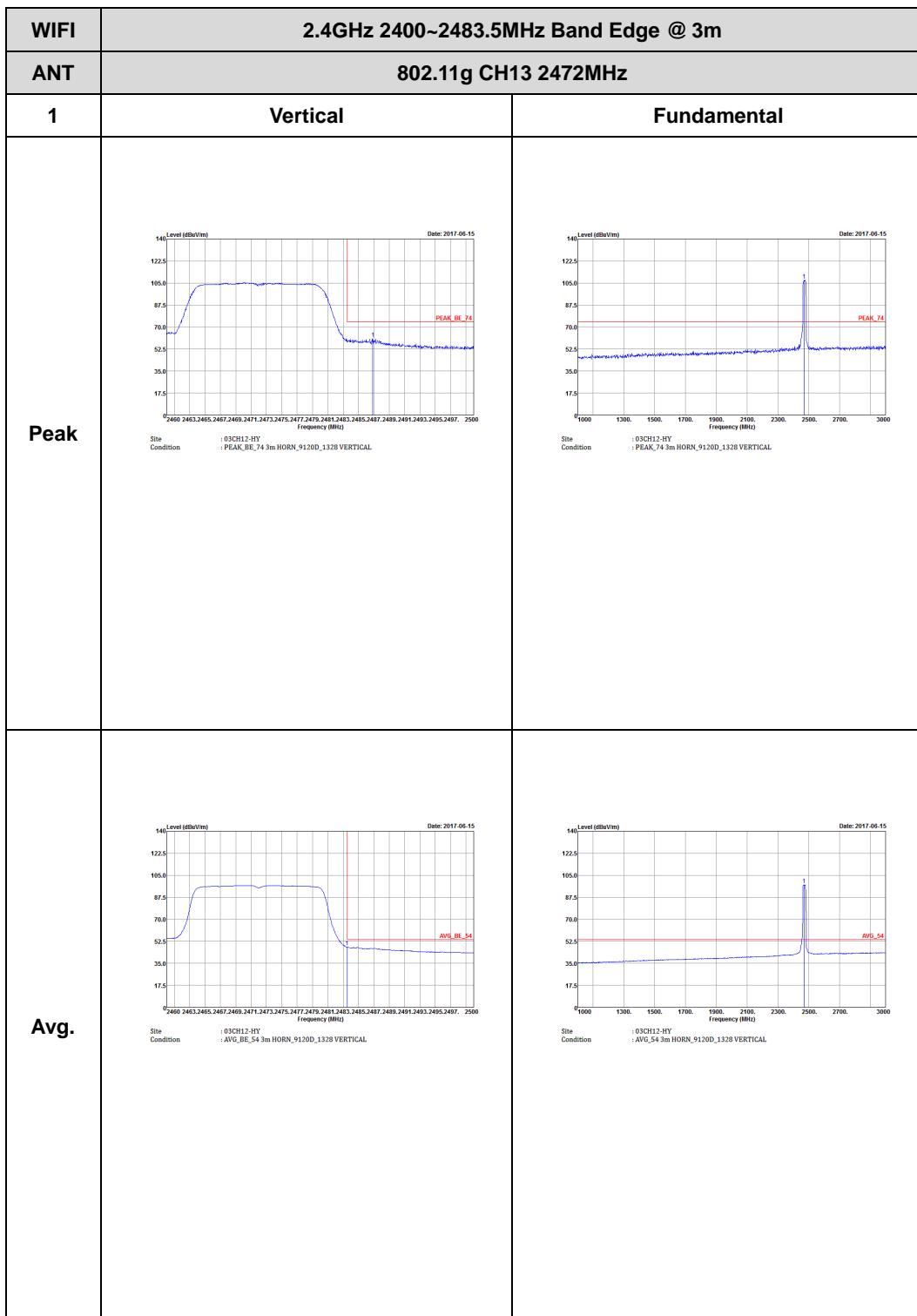










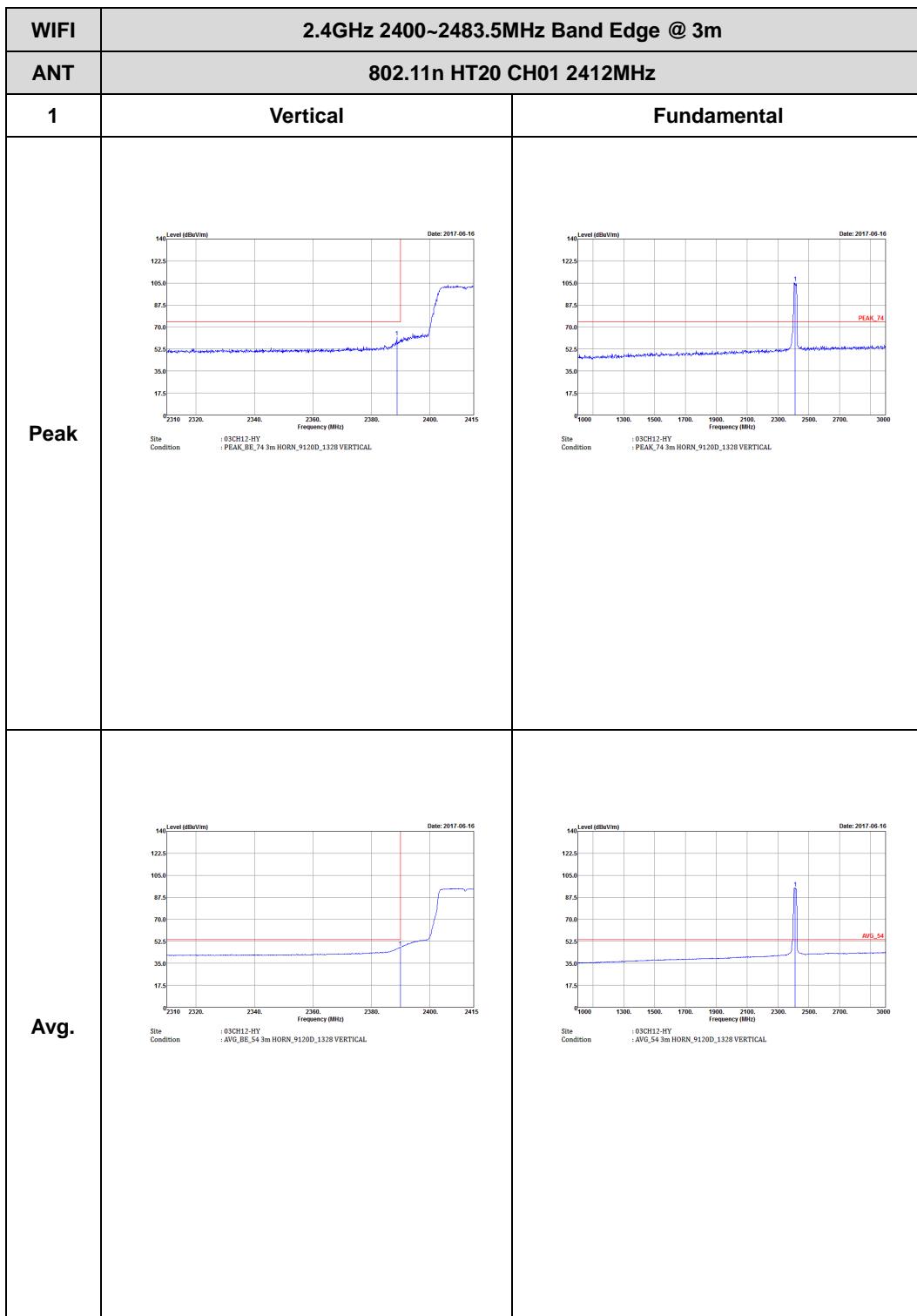


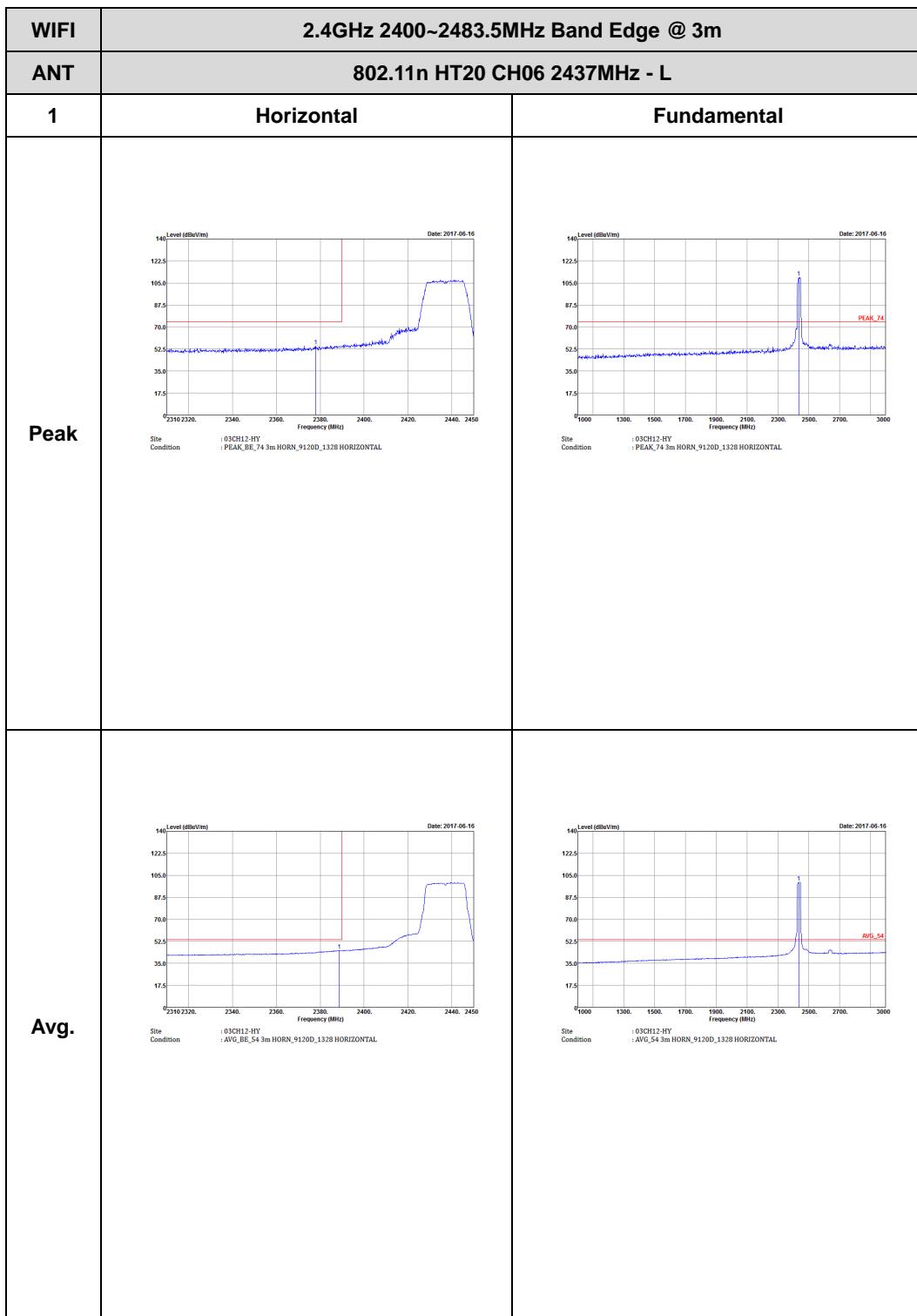


## 2.4GHz 2400~2483.5MHz

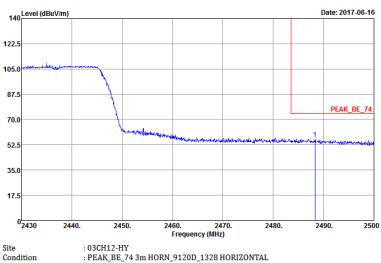
## WIFI 802.11n HT20 (Band Edge @ 3m)

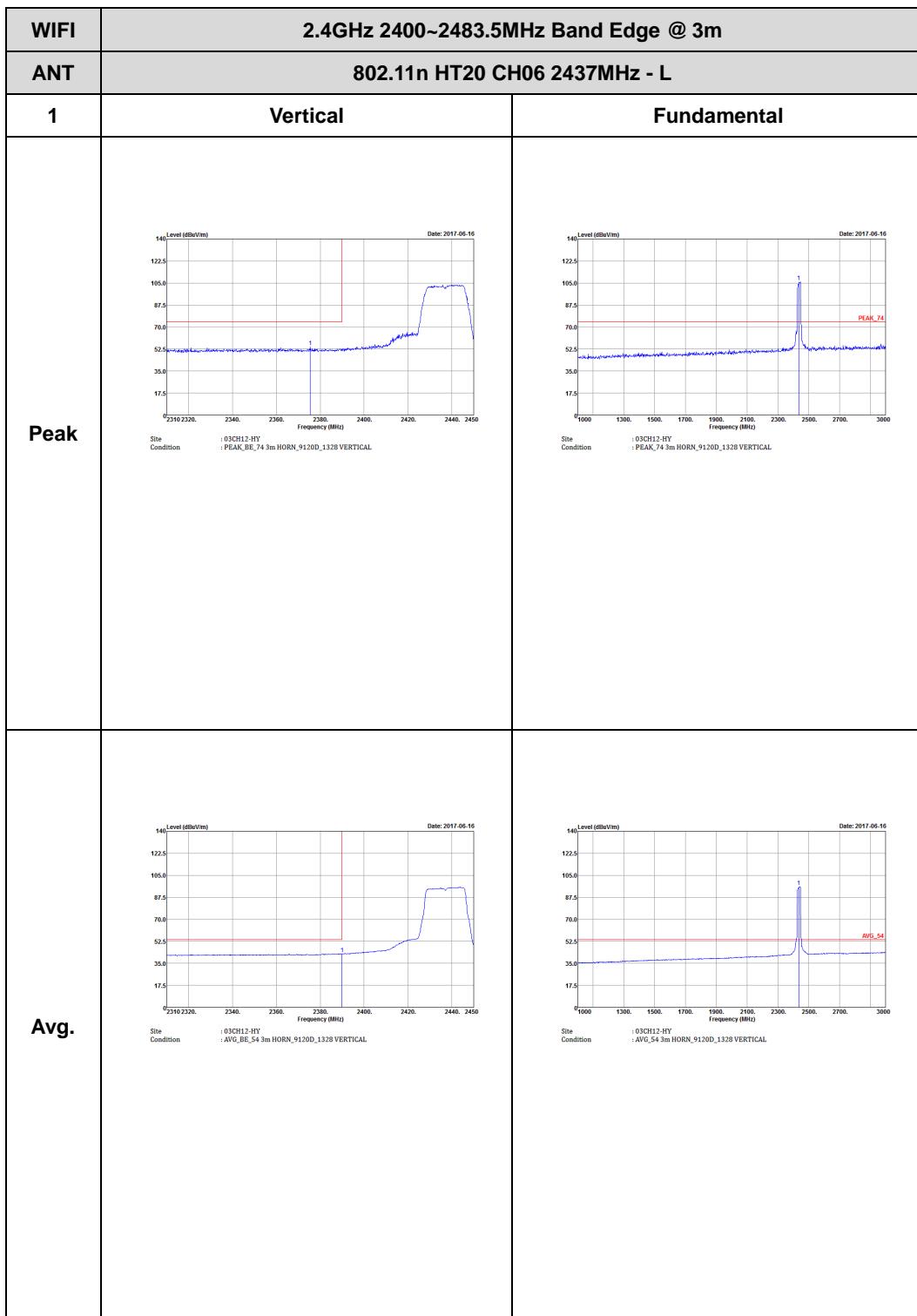
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Horizontal	Fundamental
Peak		
Avg.		



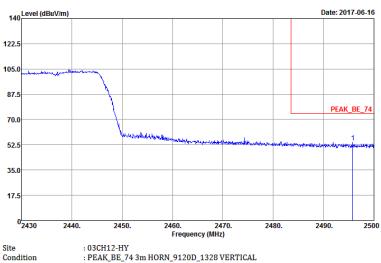


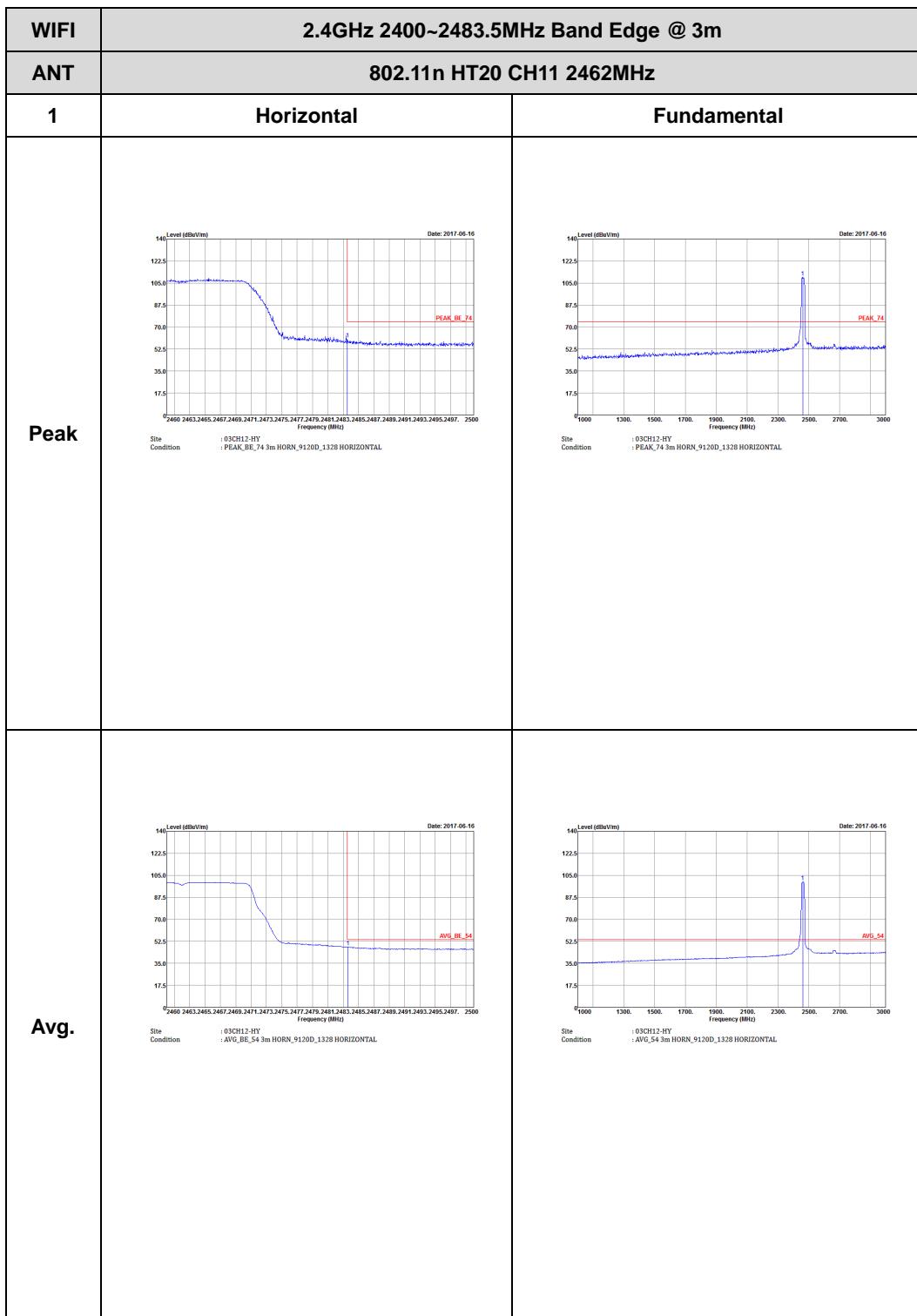


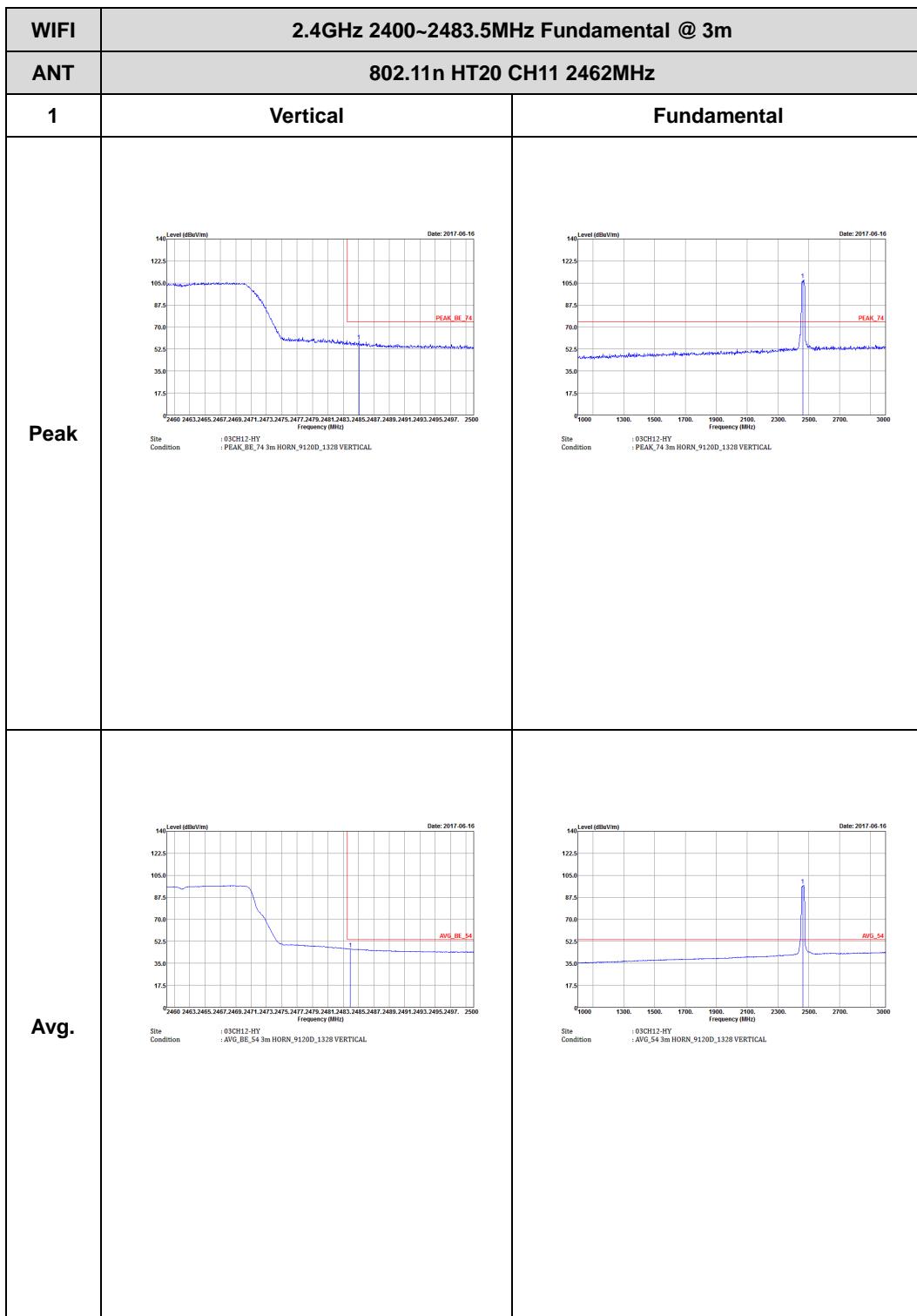
<b>WIFI</b>	<b>2.4GHz 2400~2483.5MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11n HT20 CH06 2437MHz - R</b>	
<b>1</b>	<b>Horizontal</b>	<b>Fundamental</b>
<b>Peak</b>	 <p>Level (dBcV/m)</p> <p>Date: 2017.06.16</p> <p>PEAK_BE_74</p> <p>Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL</p> <p>Frequency (MHz)</p>	Left blank
<b>Avg.</b>	 <p>Level (dBcV/m)</p> <p>Date: 2017.06.16</p> <p>AVG_BE_54</p> <p>Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL</p> <p>Frequency (MHz)</p>	Left blank

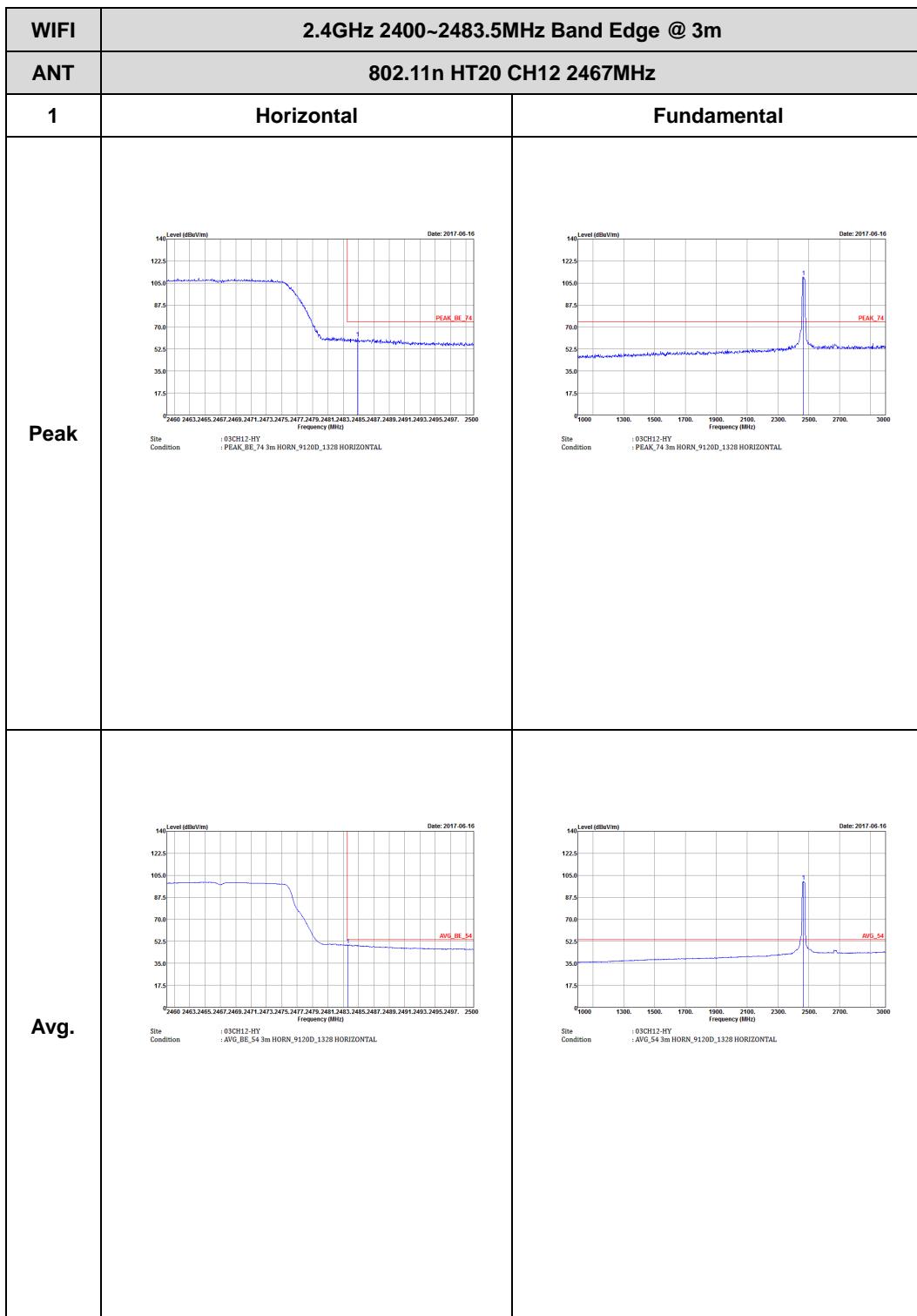


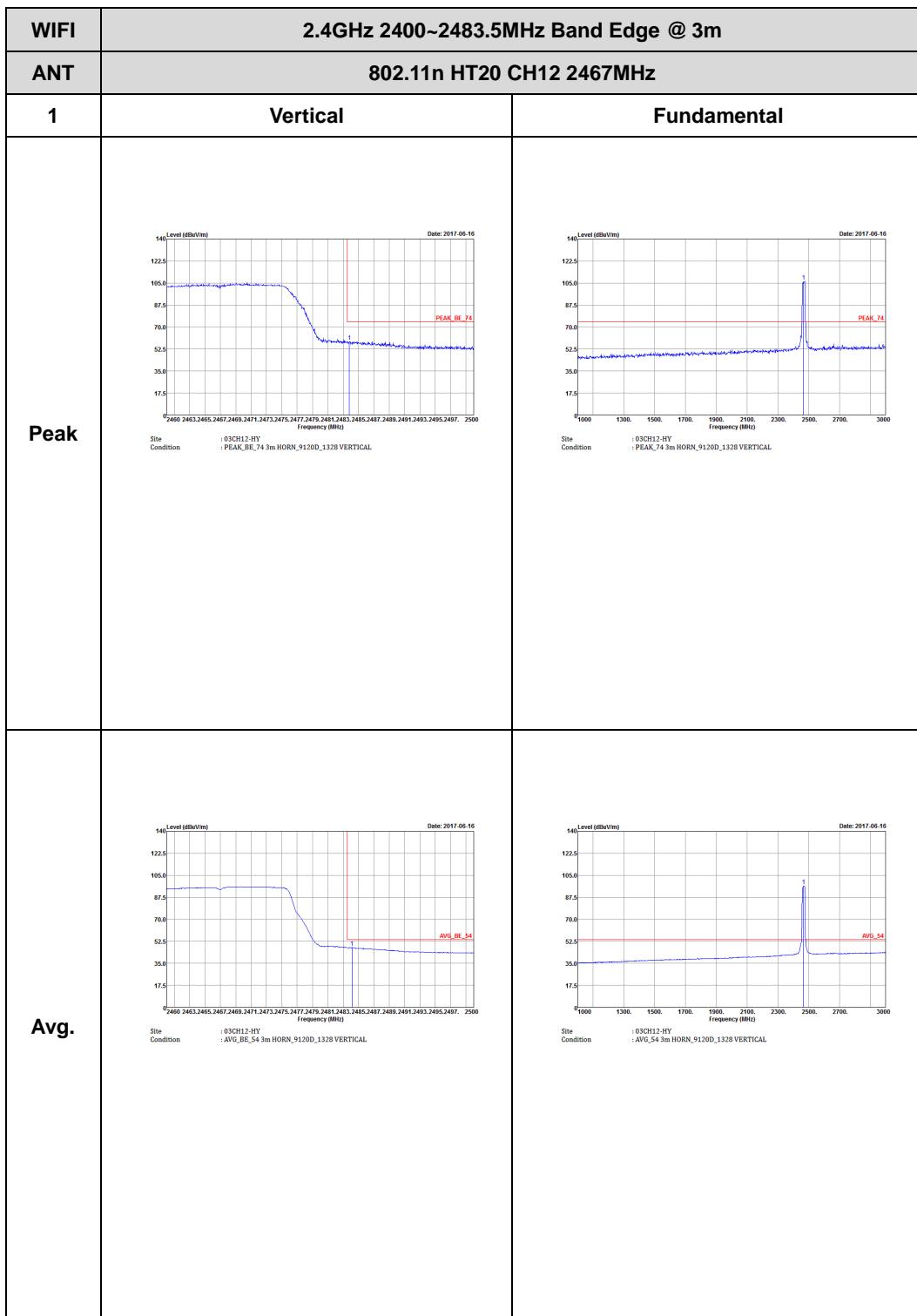


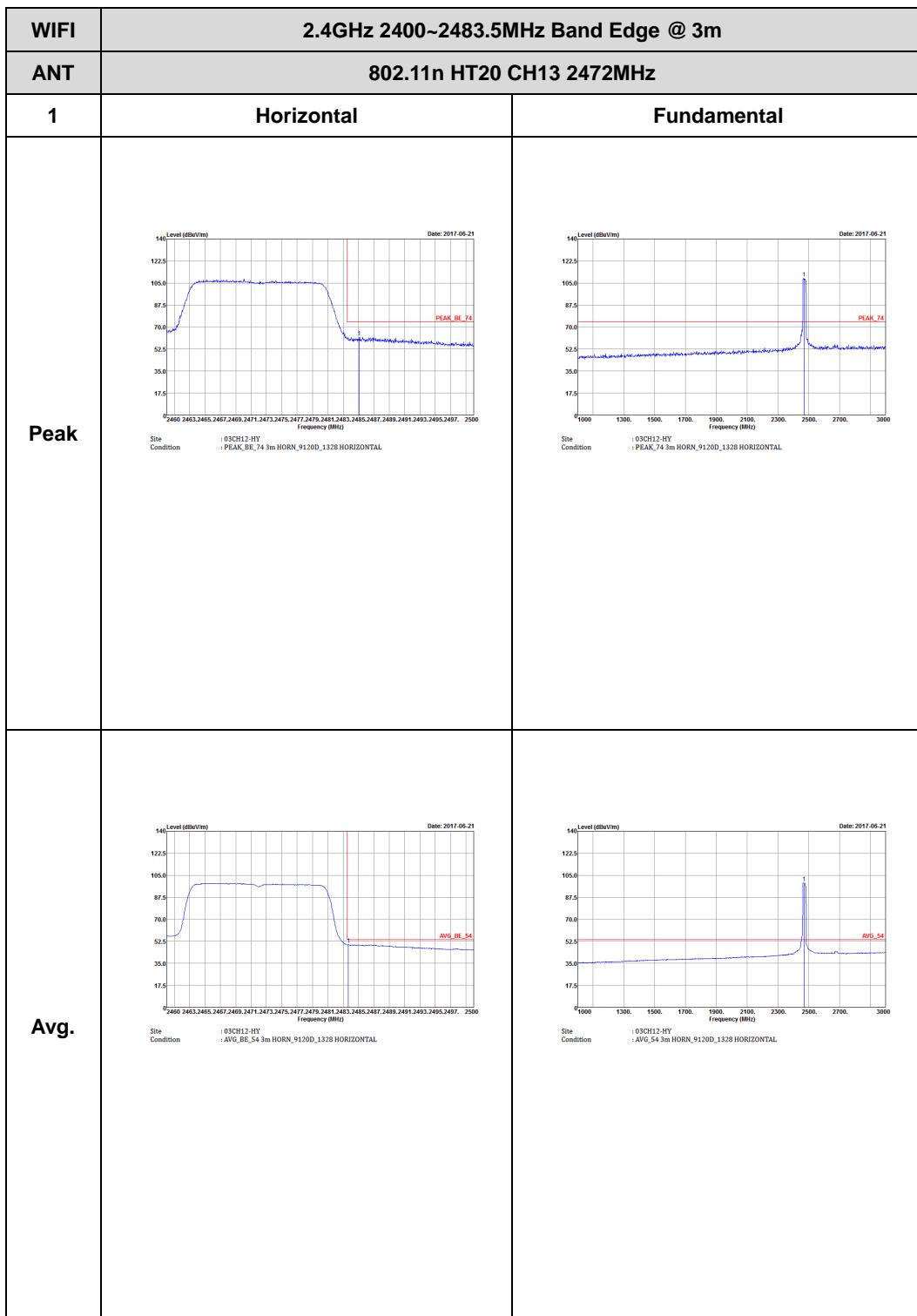
<b>WIFI</b>	<b>2.4GHz 2400~2483.5MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11n HT20 CH06 2437MHz - R</b>	
<b>1</b>	<b>Vertical</b>	<b>Fundamental</b>
<b>Peak</b>	 <p>Level (dBc/1m) vs Frequency (MHz) plot. The x-axis ranges from 2430 to 2500 MHz, and the y-axis ranges from 17.5 to 14 dBc/1m. A blue line shows a sharp peak at approximately 2437 MHz, reaching about 105 dBc/1m. A red vertical line marks the peak at 2437 MHz. Text on the plot includes: Date: 2017.06.16, Site: 03CH12-HY, Condition: PEAK_BE_74.</p>	Left Blank
<b>Avg.</b>	 <p>Level (dBc/1m) vs Frequency (MHz) plot. The x-axis ranges from 2430 to 2500 MHz, and the y-axis ranges from 17.5 to 14 dBc/1m. A blue line shows a broad emission centered around 2437 MHz, reaching about 85 dBc/1m. A red vertical line marks the emission at 2437 MHz. Text on the plot includes: Date: 2017.06.16, Site: 03CH12-HY, Condition: AVG_BE_54.</p>	Left Blank

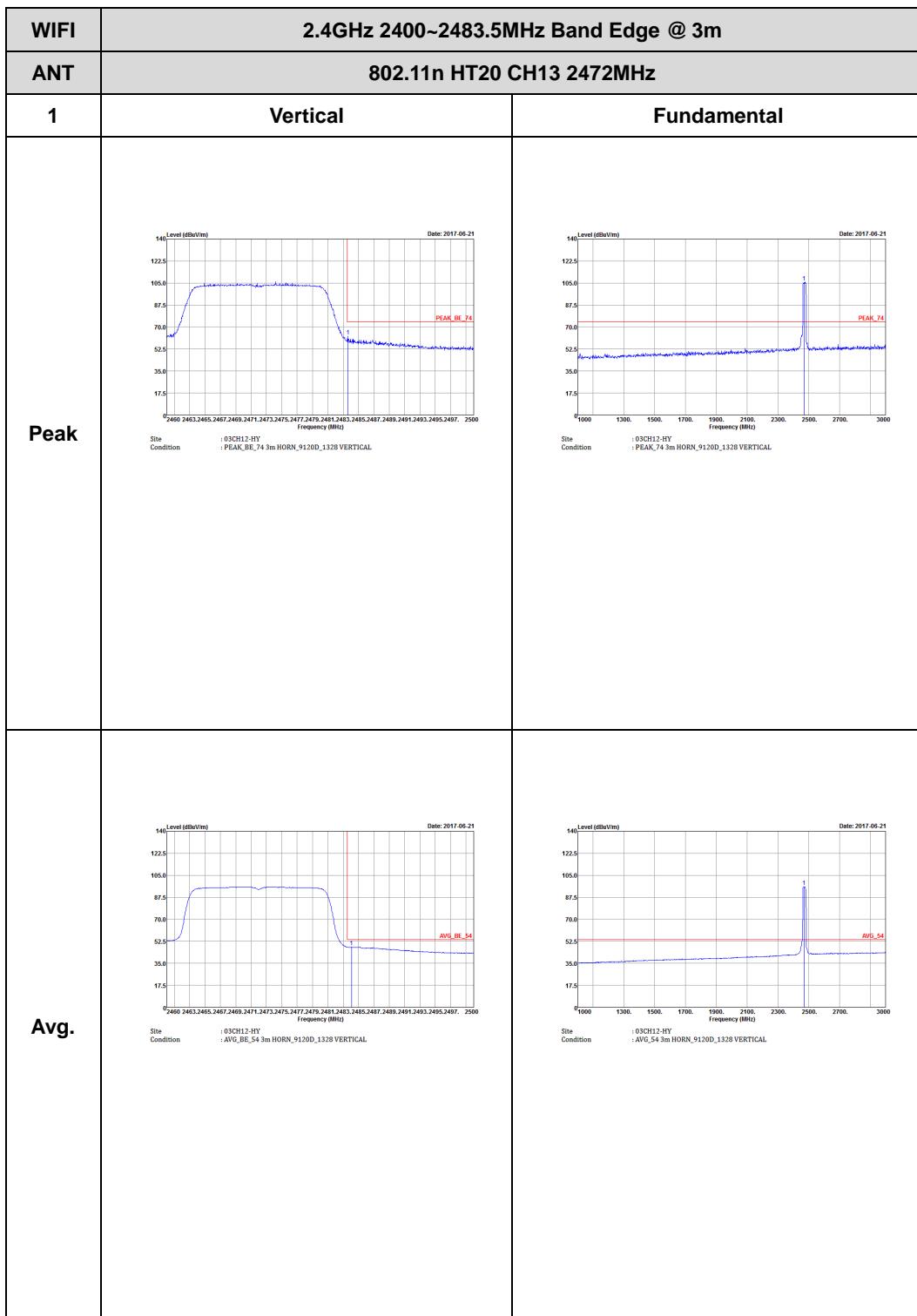








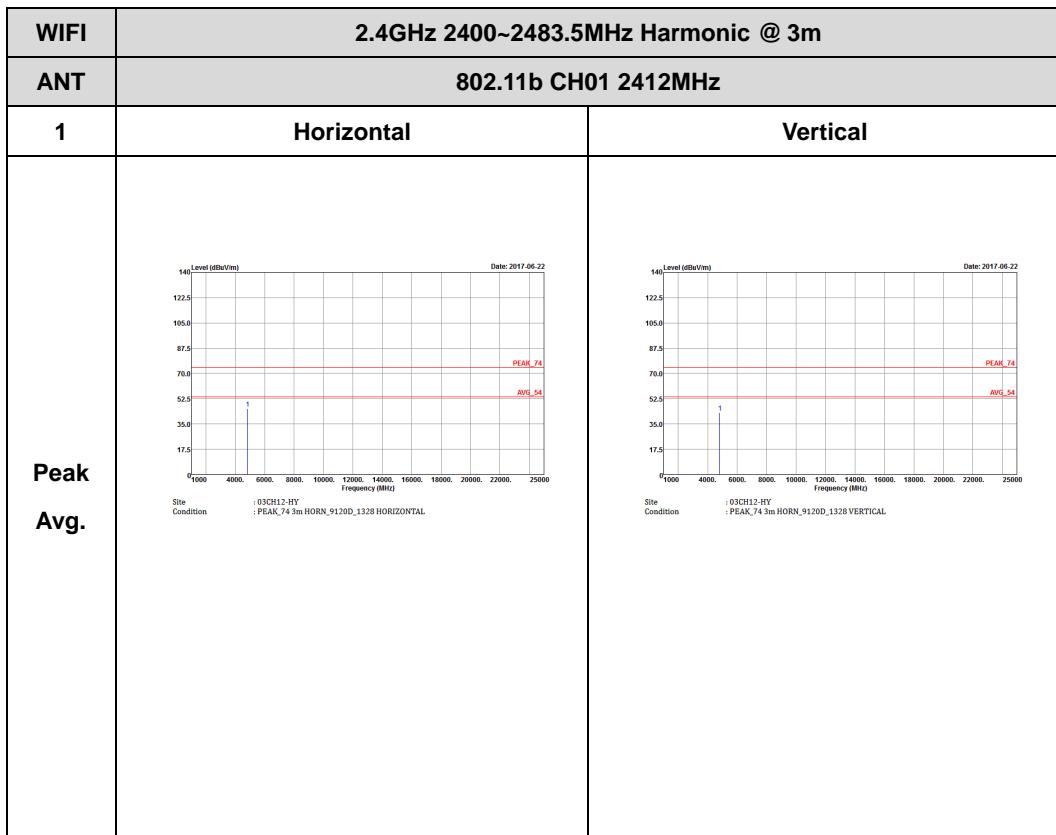


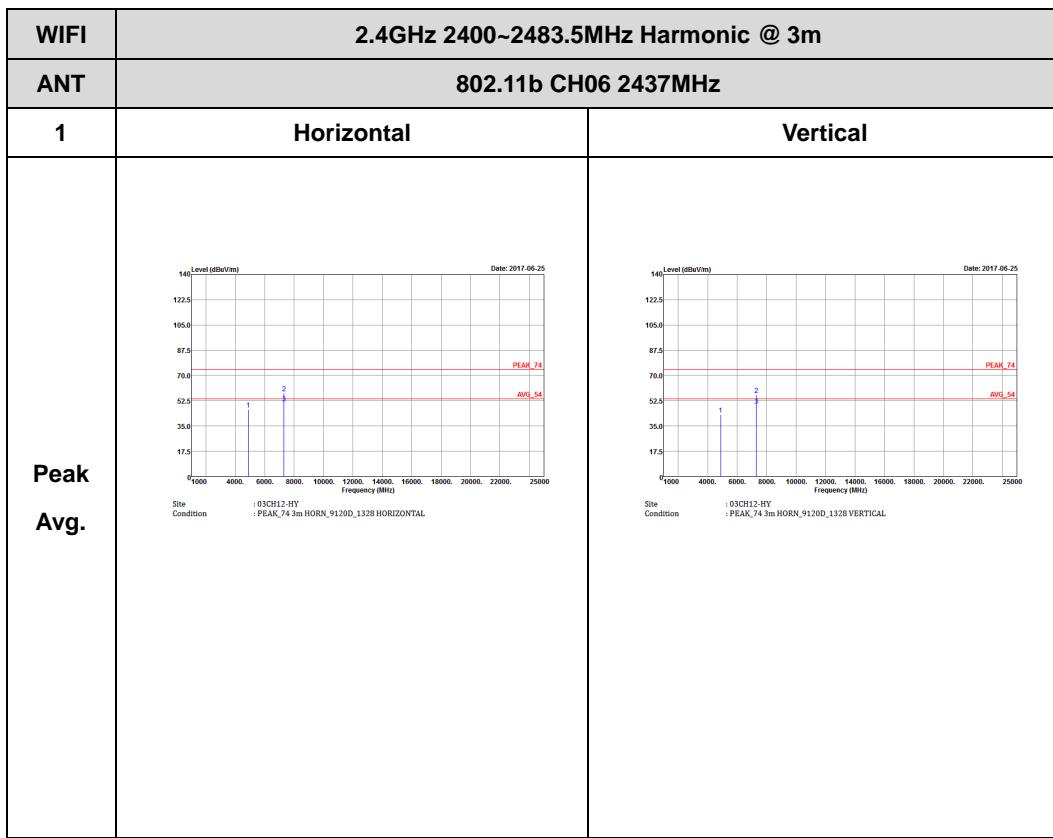


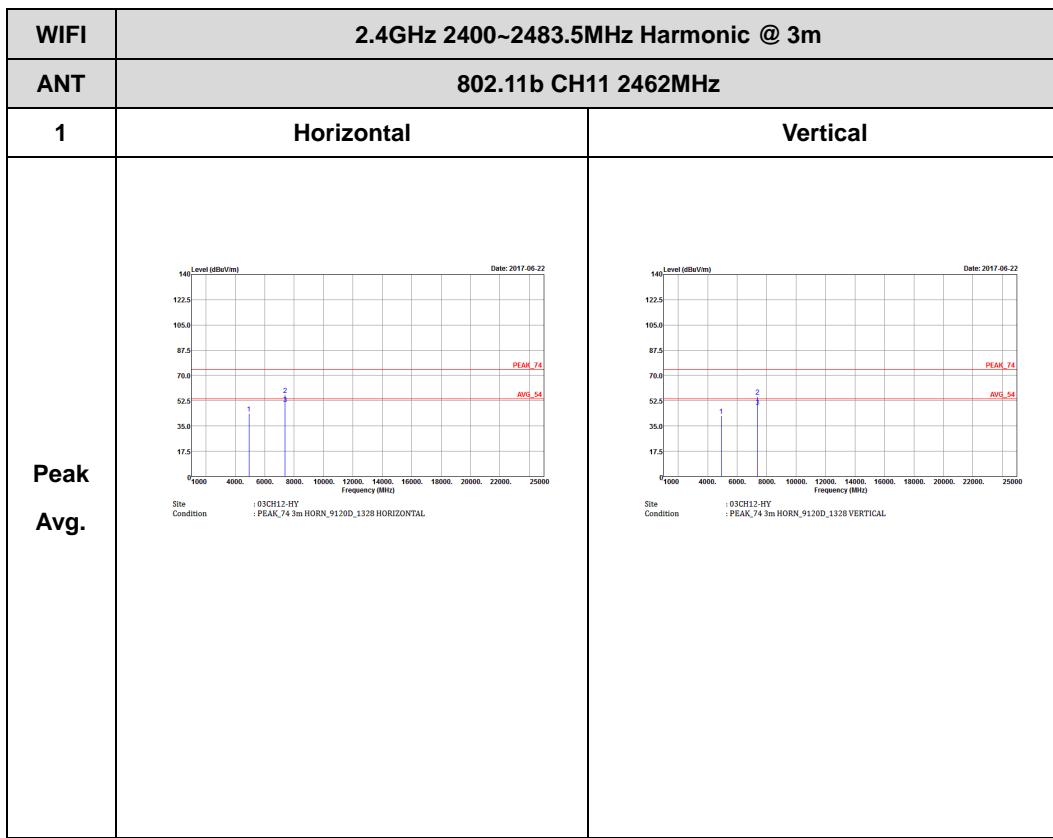


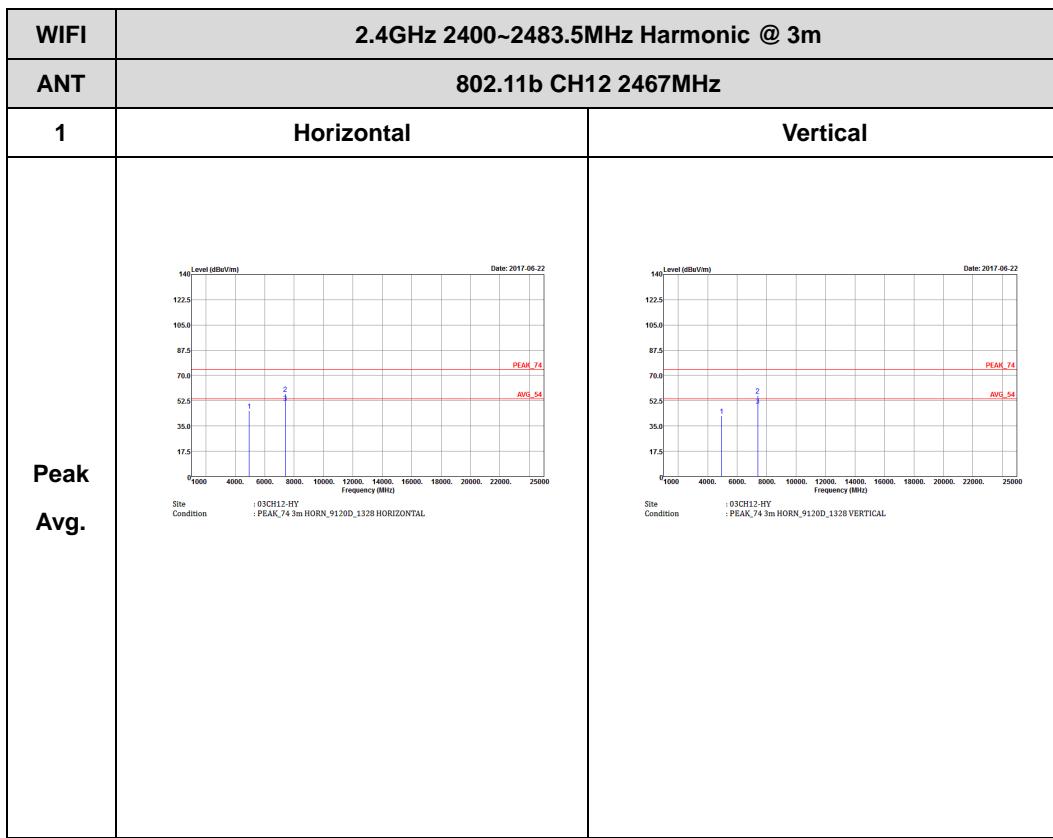
## 2.4GHz 2400~2483.5MHz

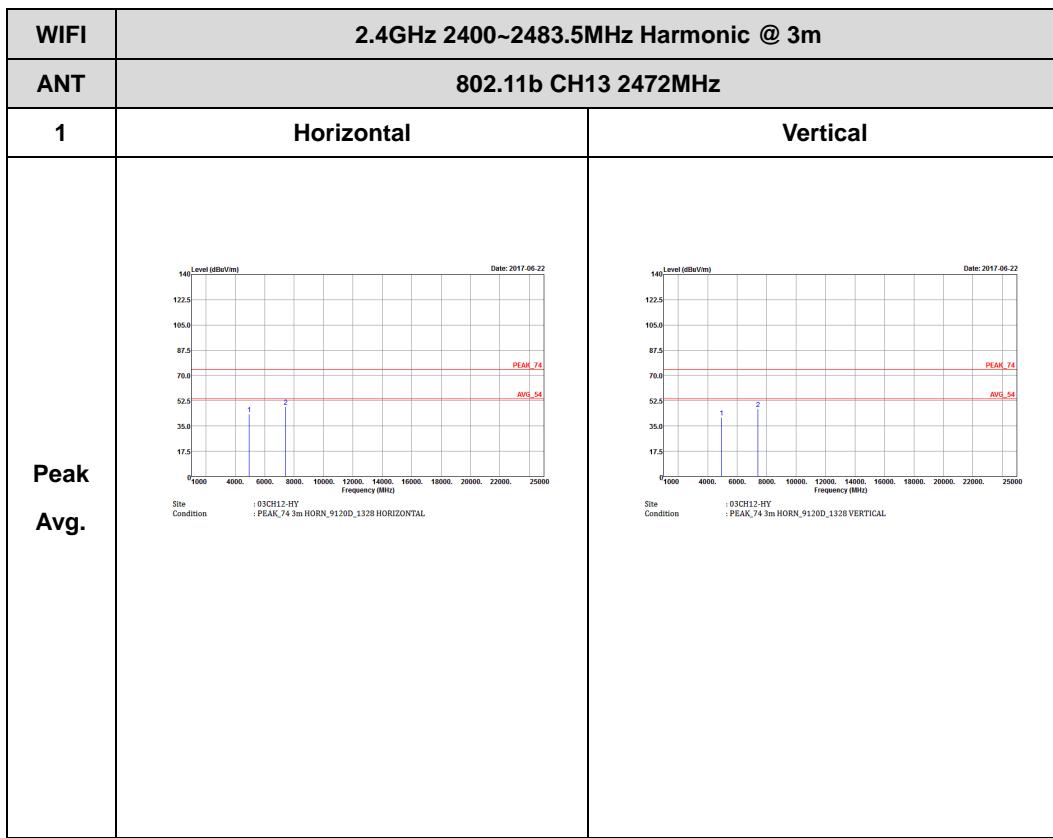
## WIFI 802.11b (Harmonic @ 3m)







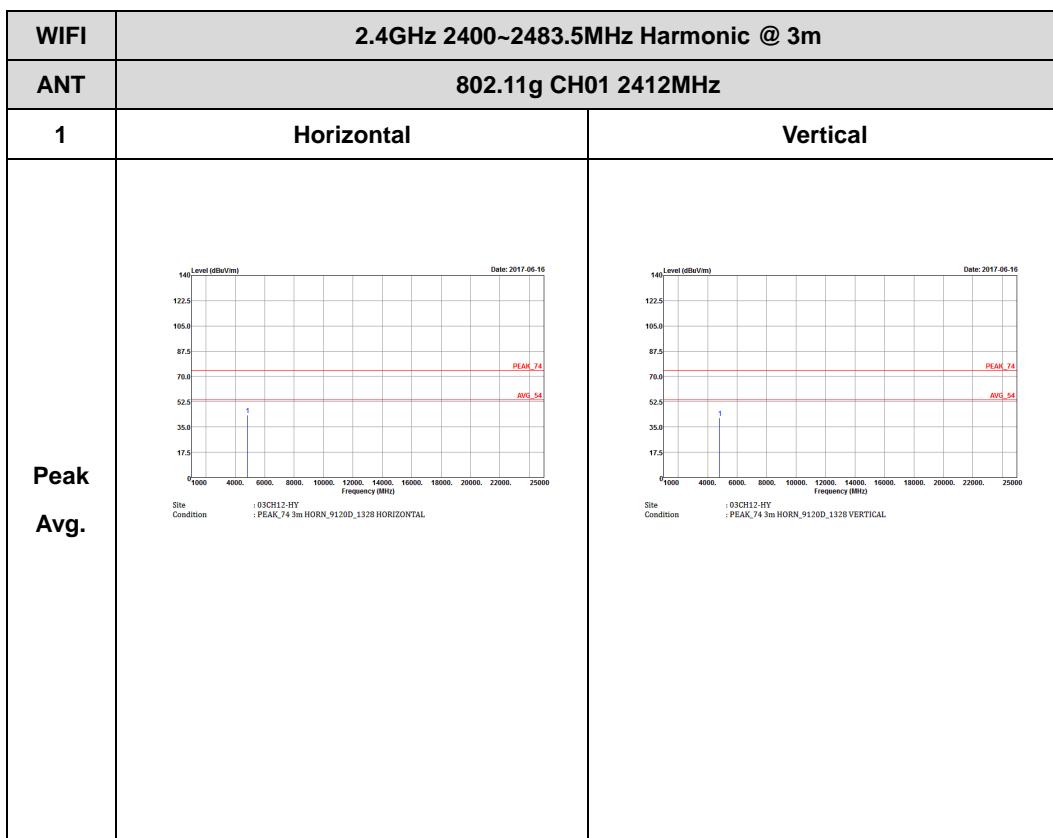


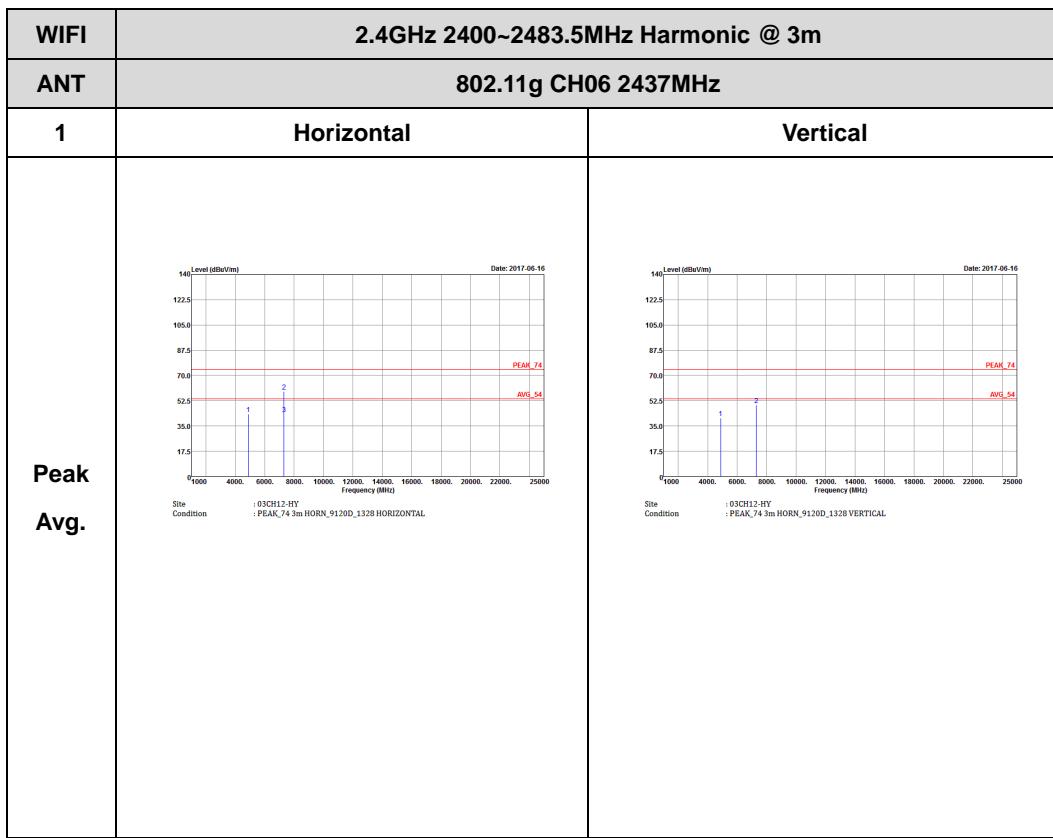


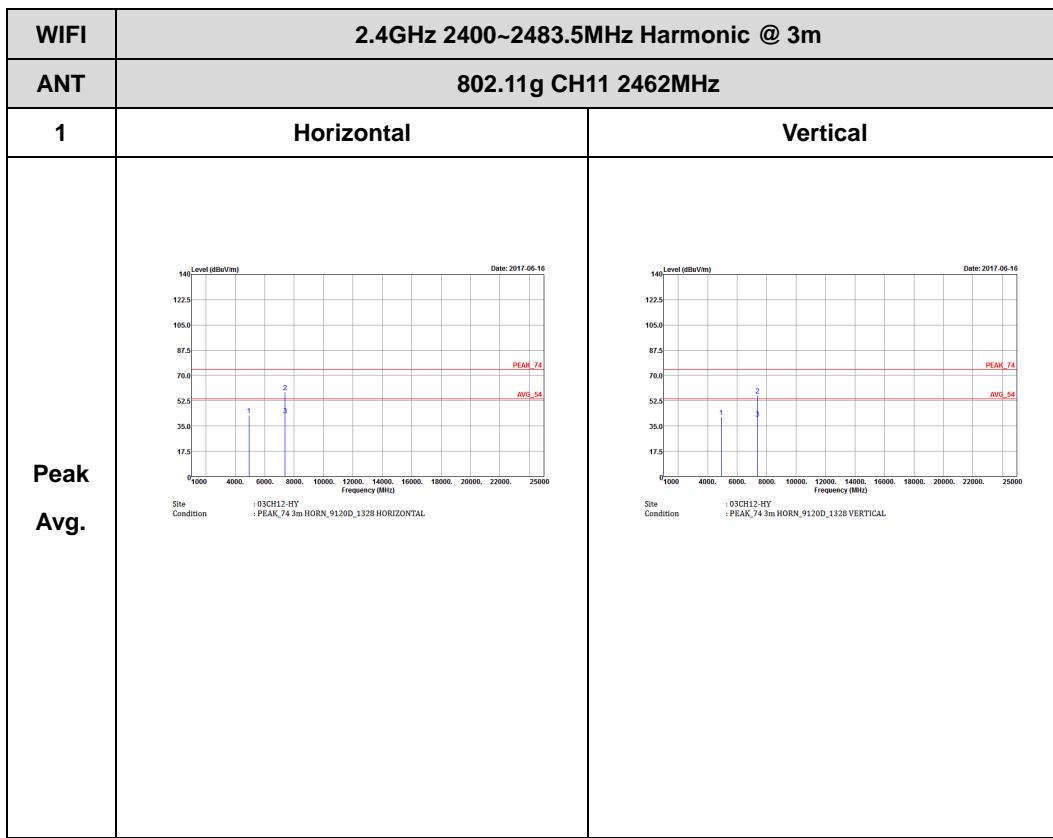


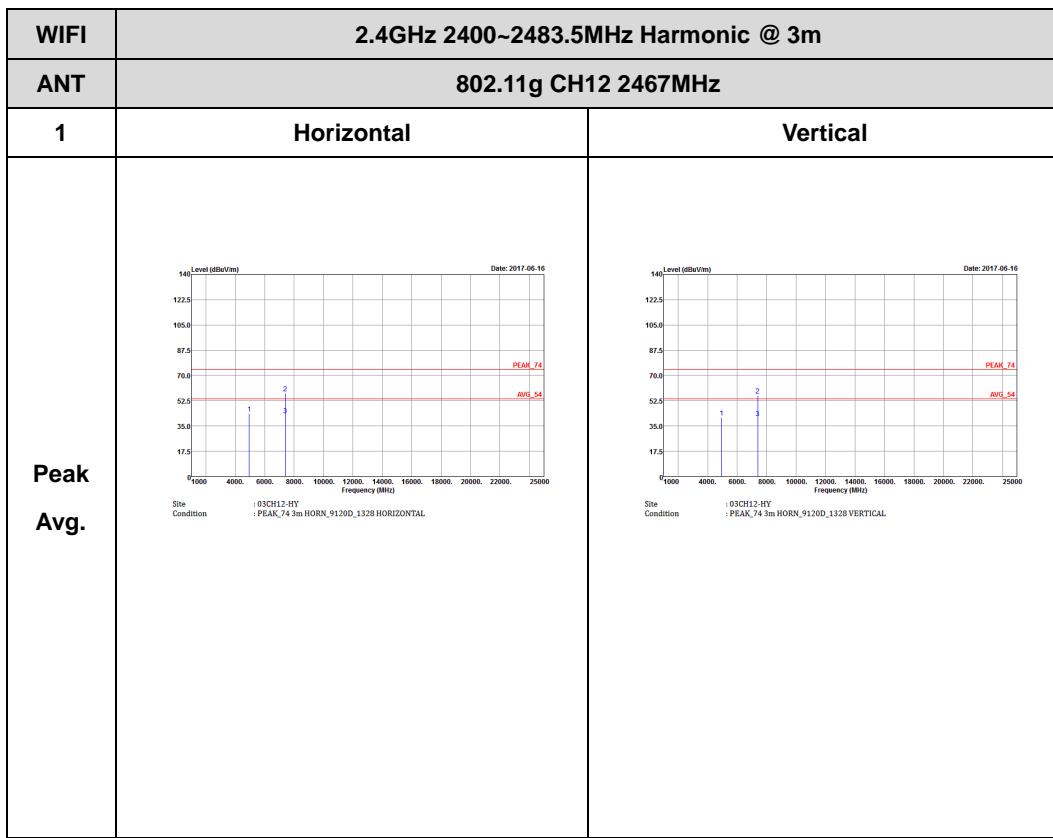
2.4GHz 2400~2483.5MHz

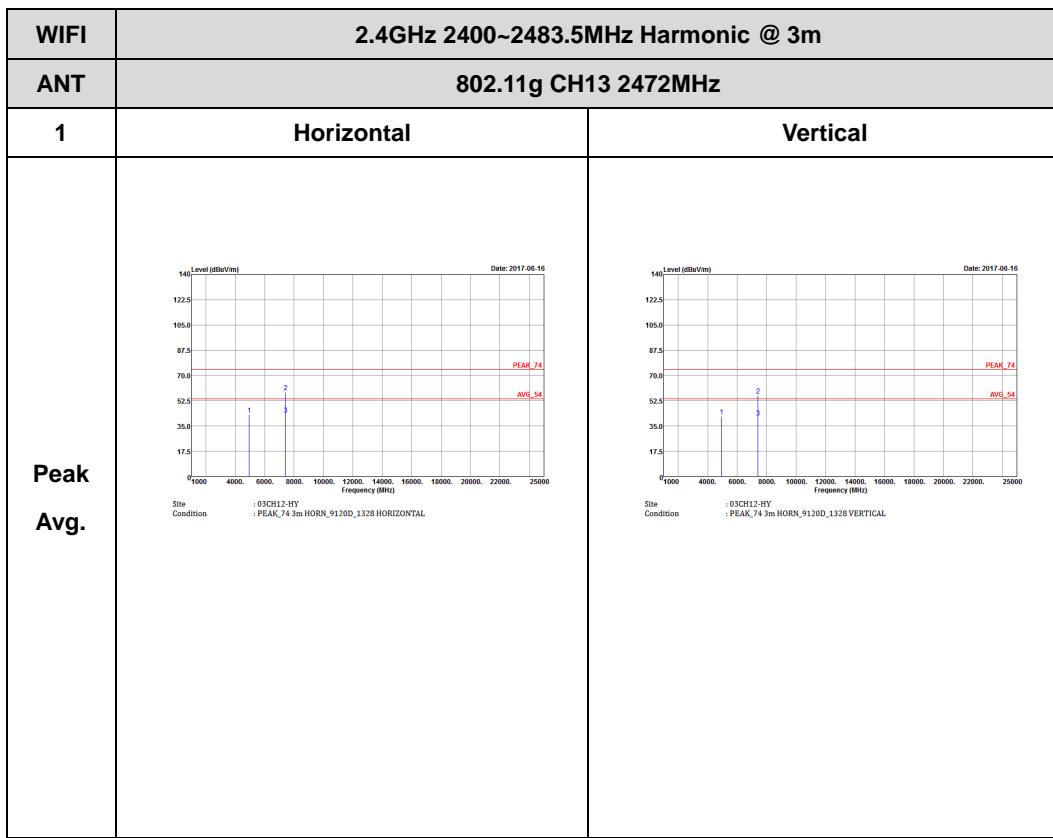
WIFI 802.11g (Harmonic @ 3m)







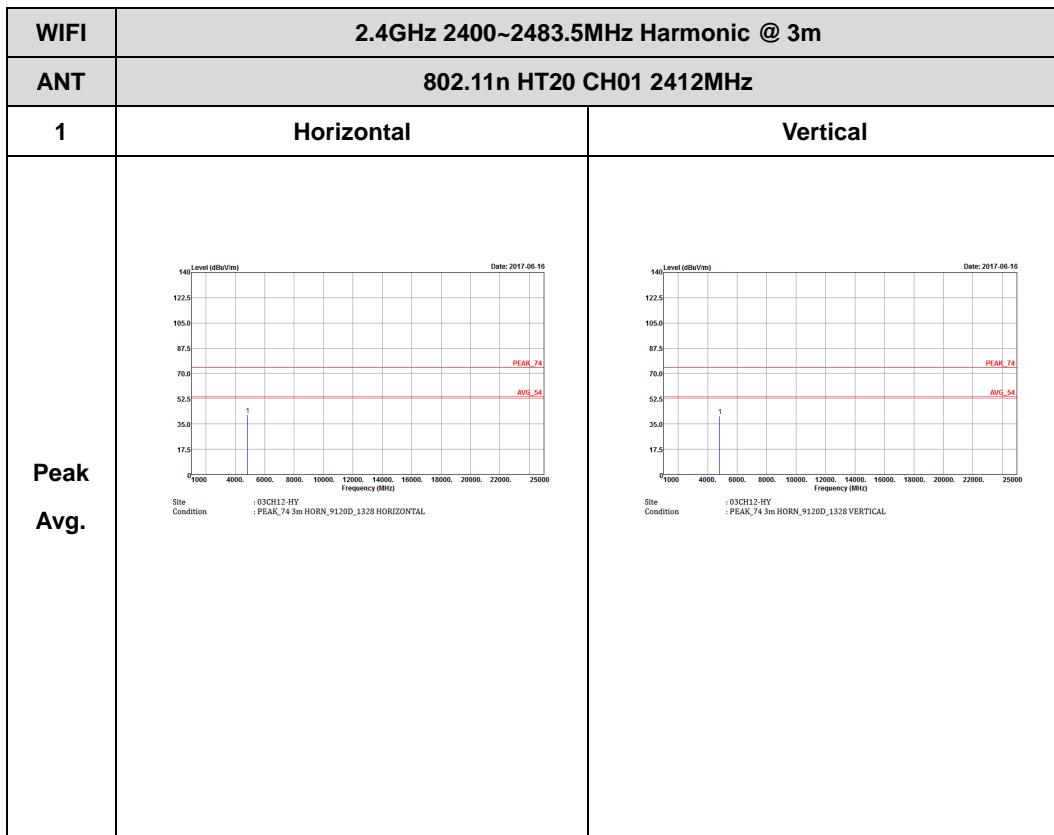


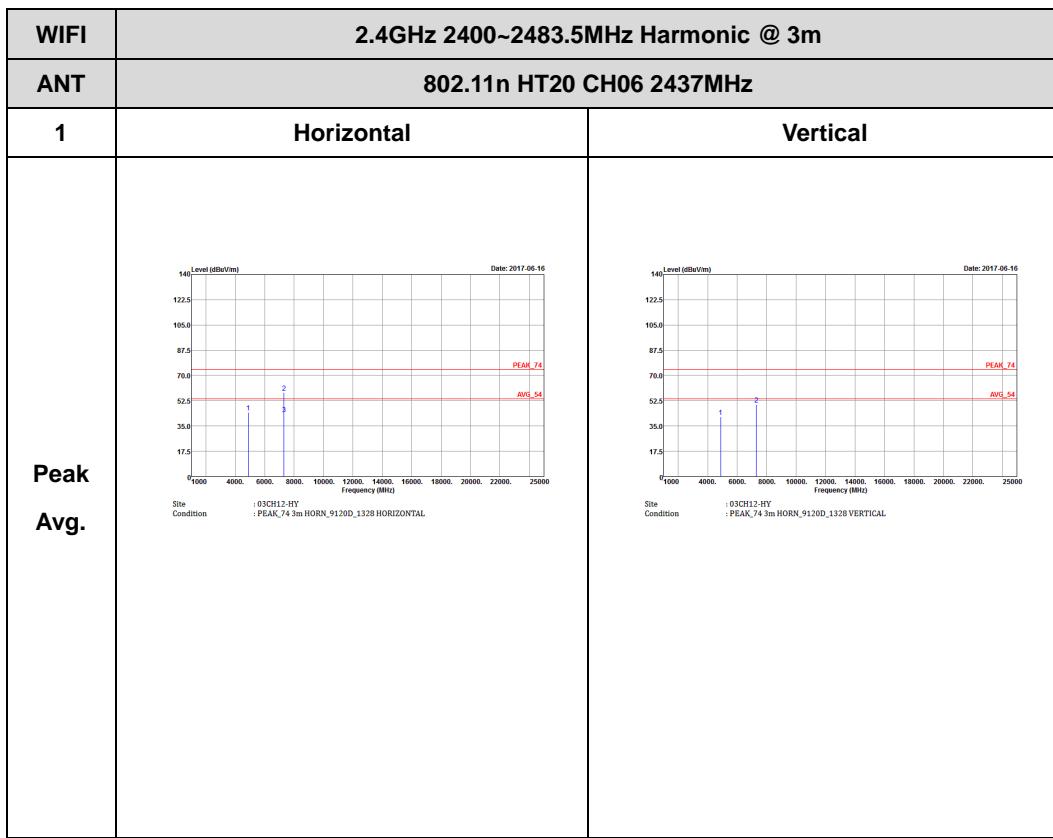


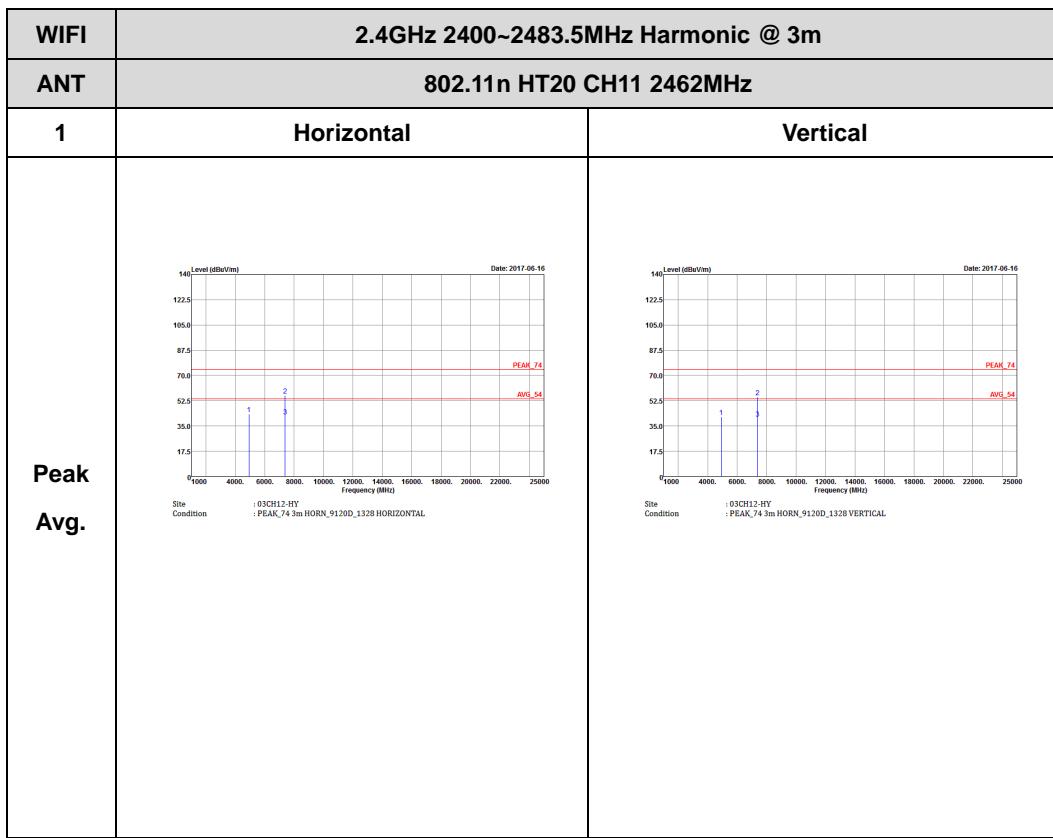


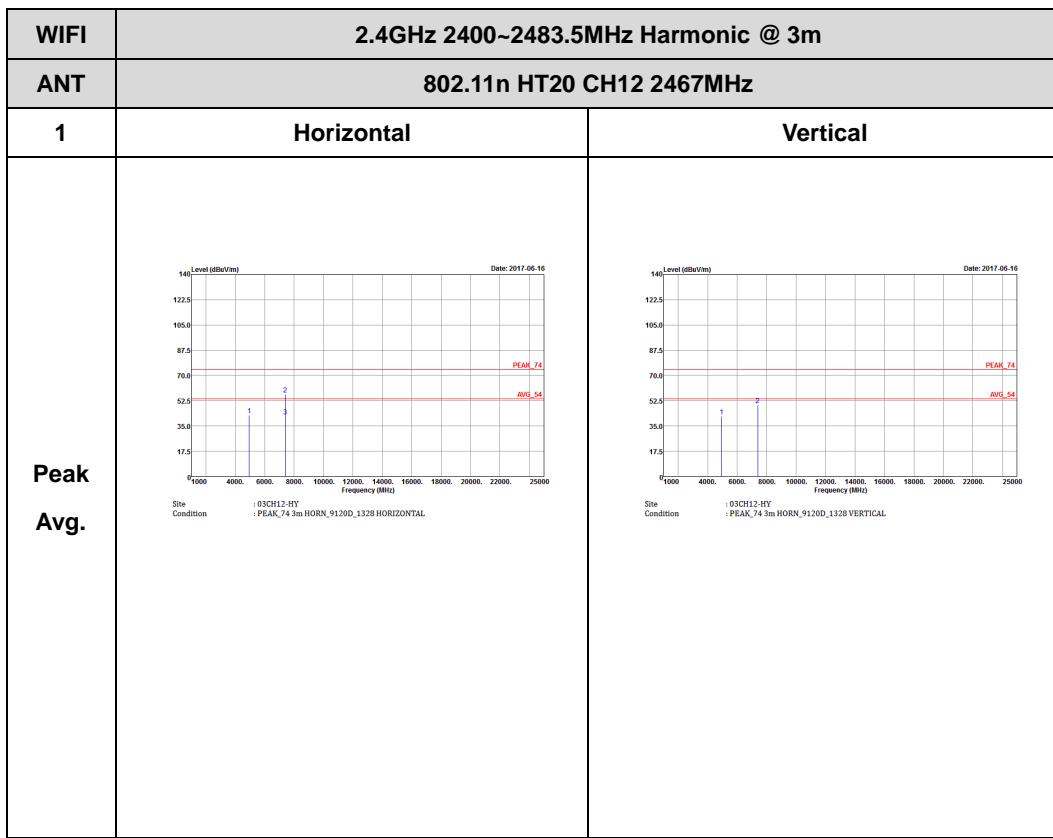
2.4GHz 2400~2483.5MHz

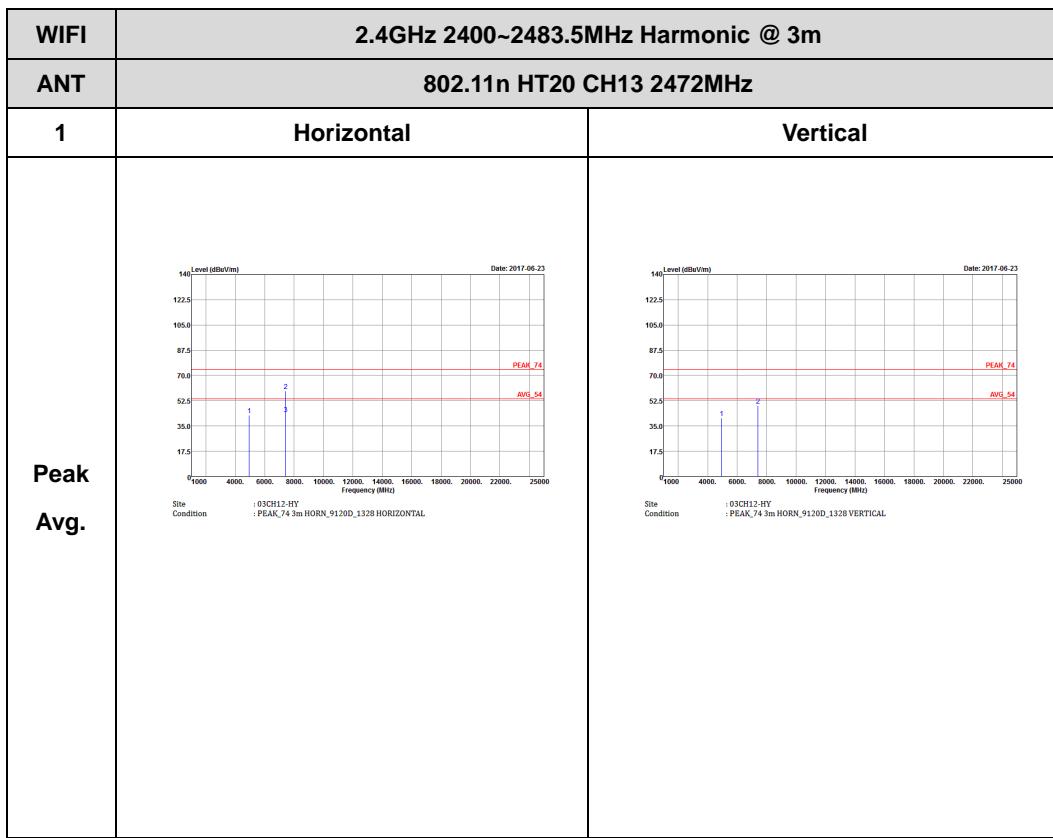
## WIFI 802.11n HT20 (Harmonic @ 3m)







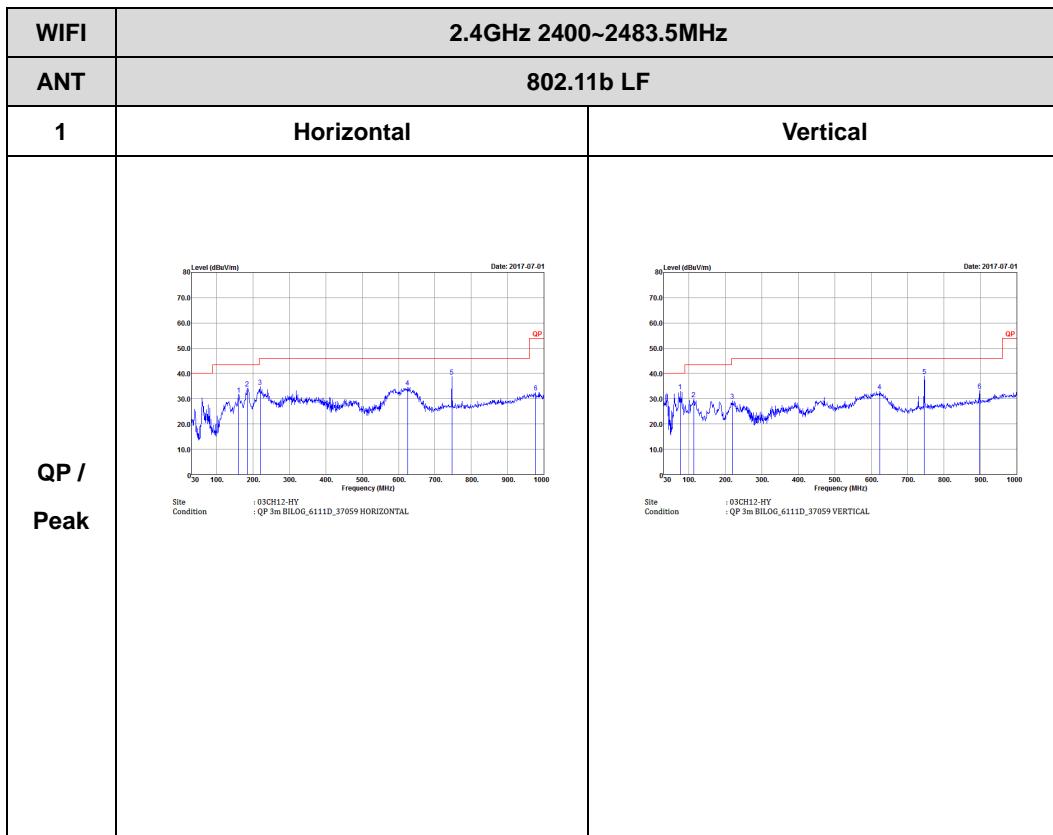






## Emission below 1GHz

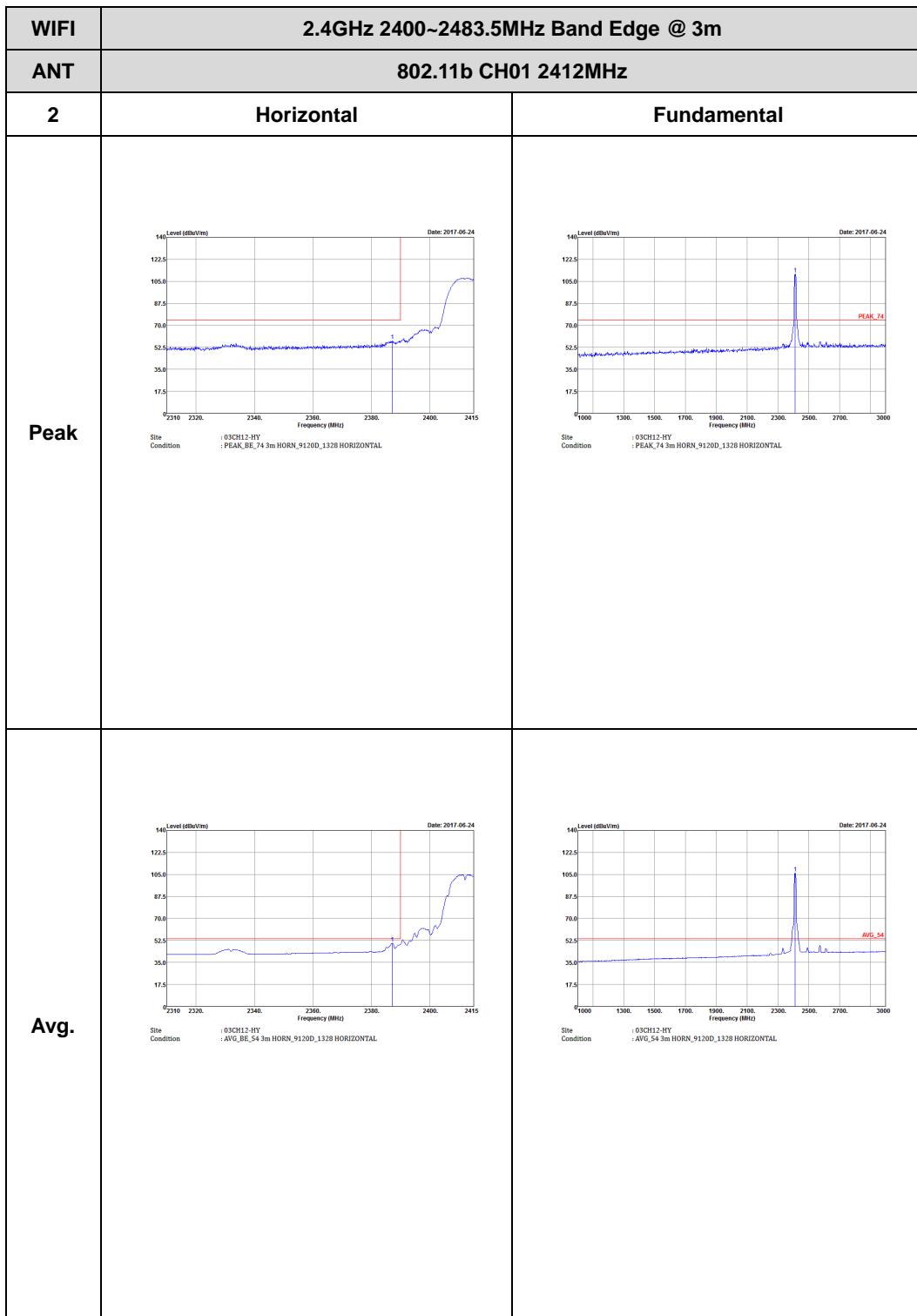
## 2.4GHz WIFI 802.11b (LF)

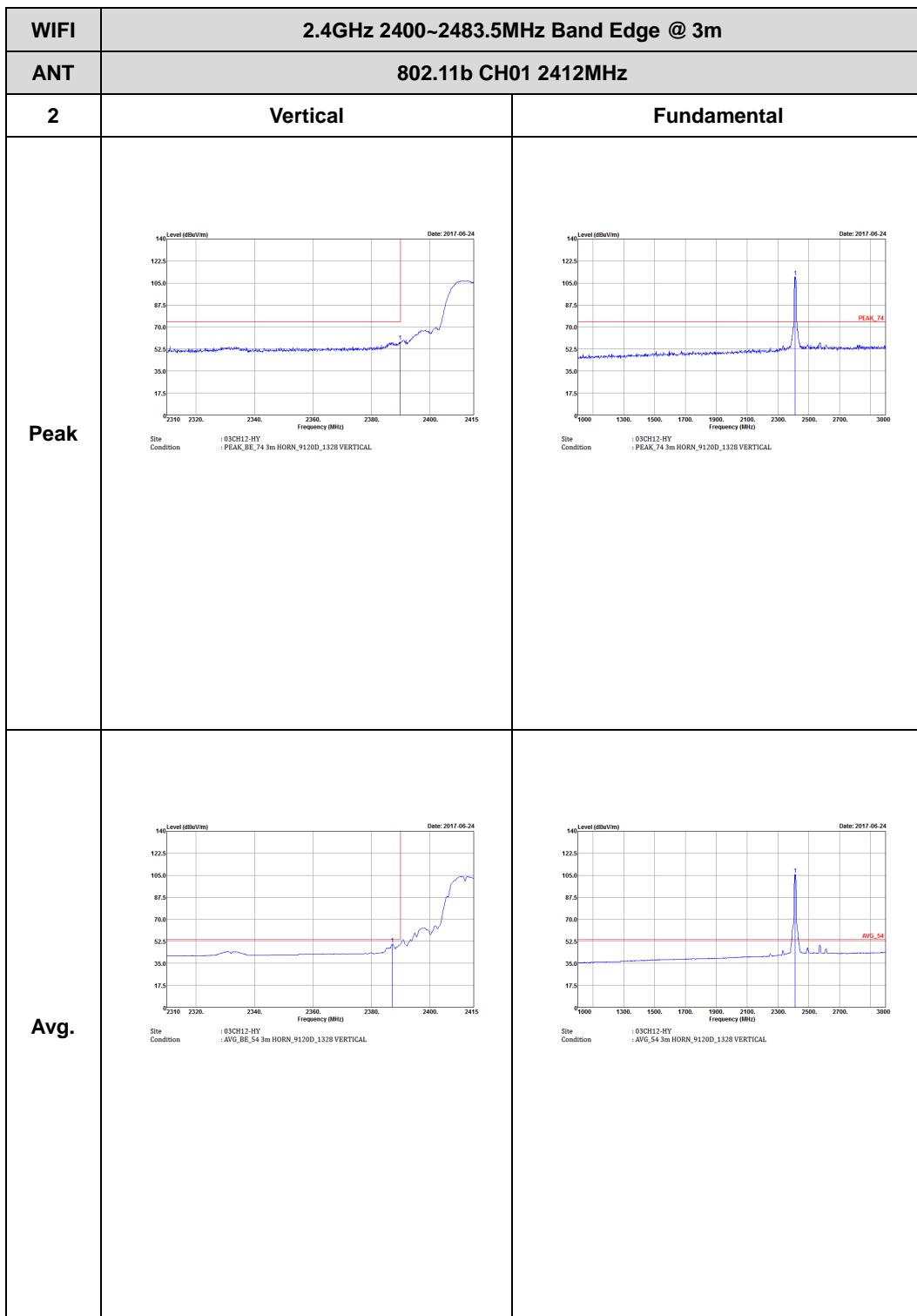


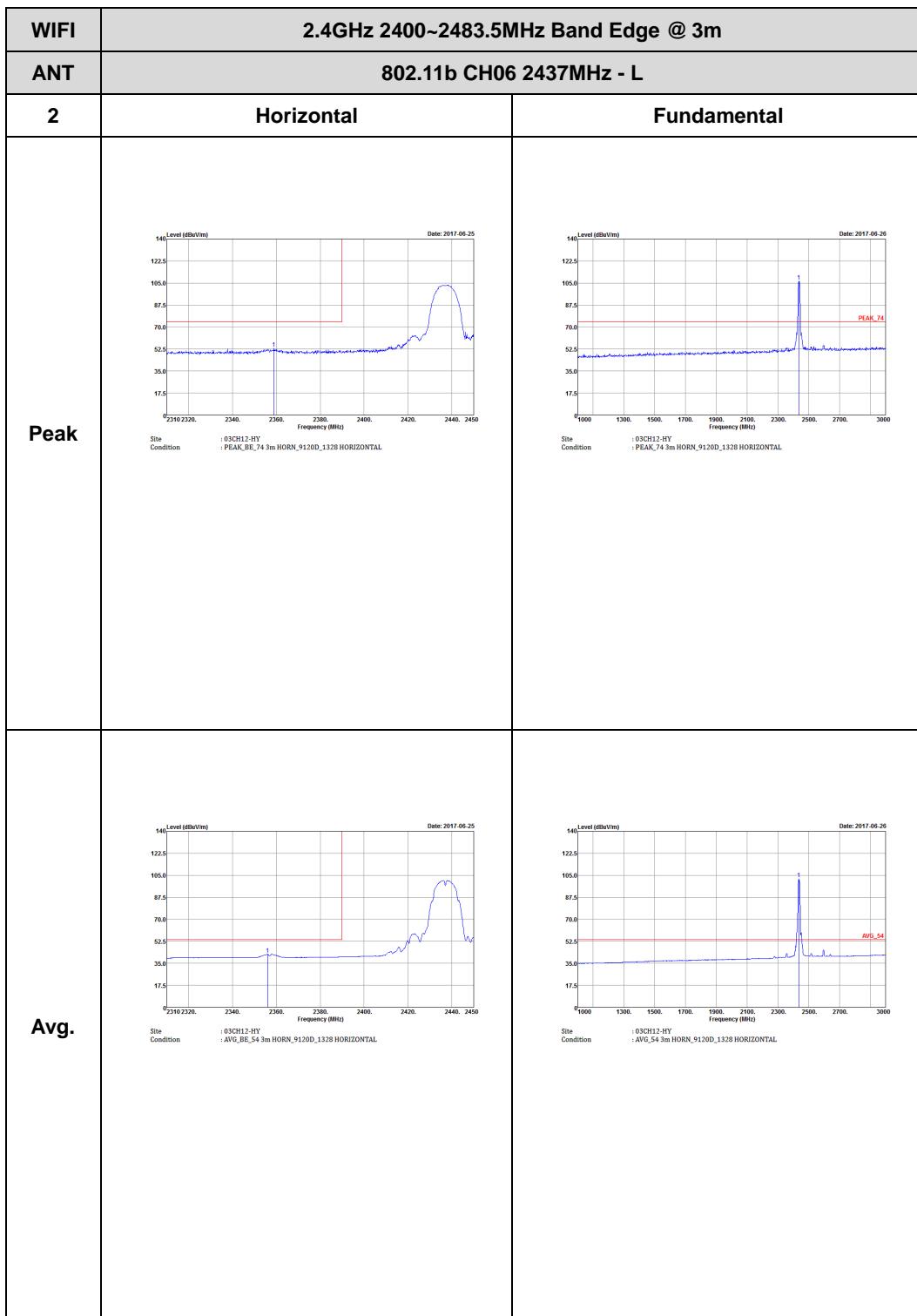


## 2.4GHz 2400~2483.5MHz

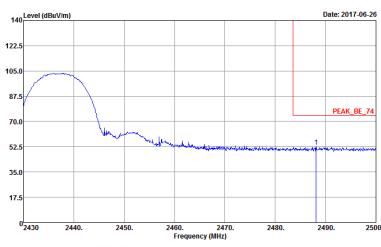
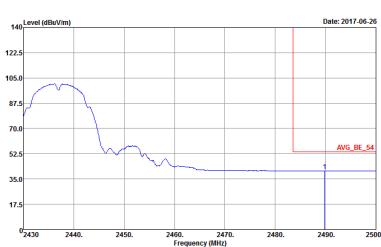
## WIFI 802.11b (Band Edge @ 3m)

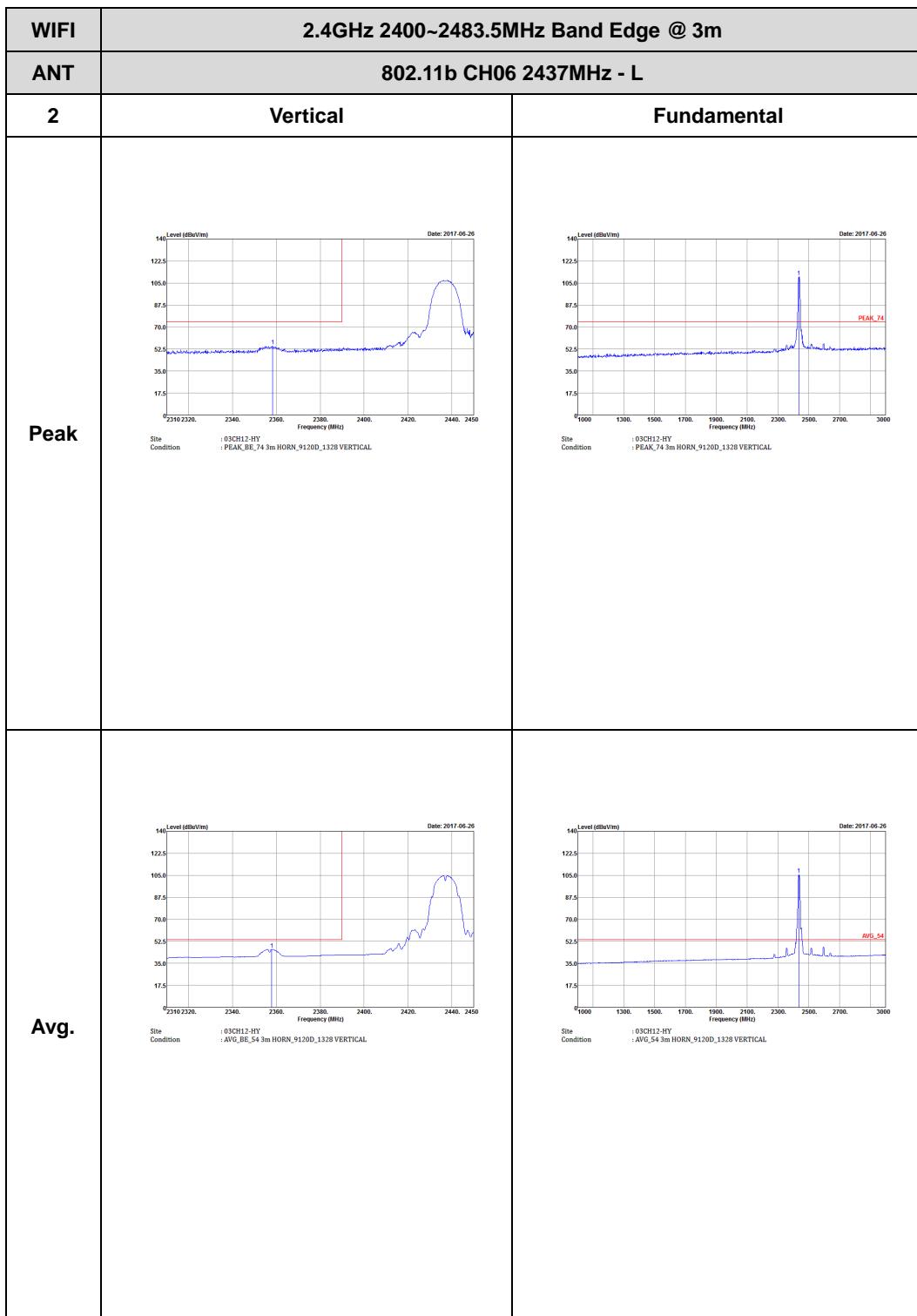




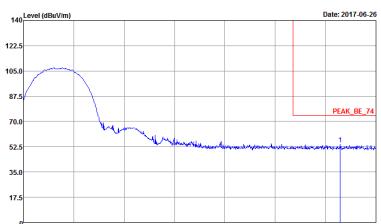


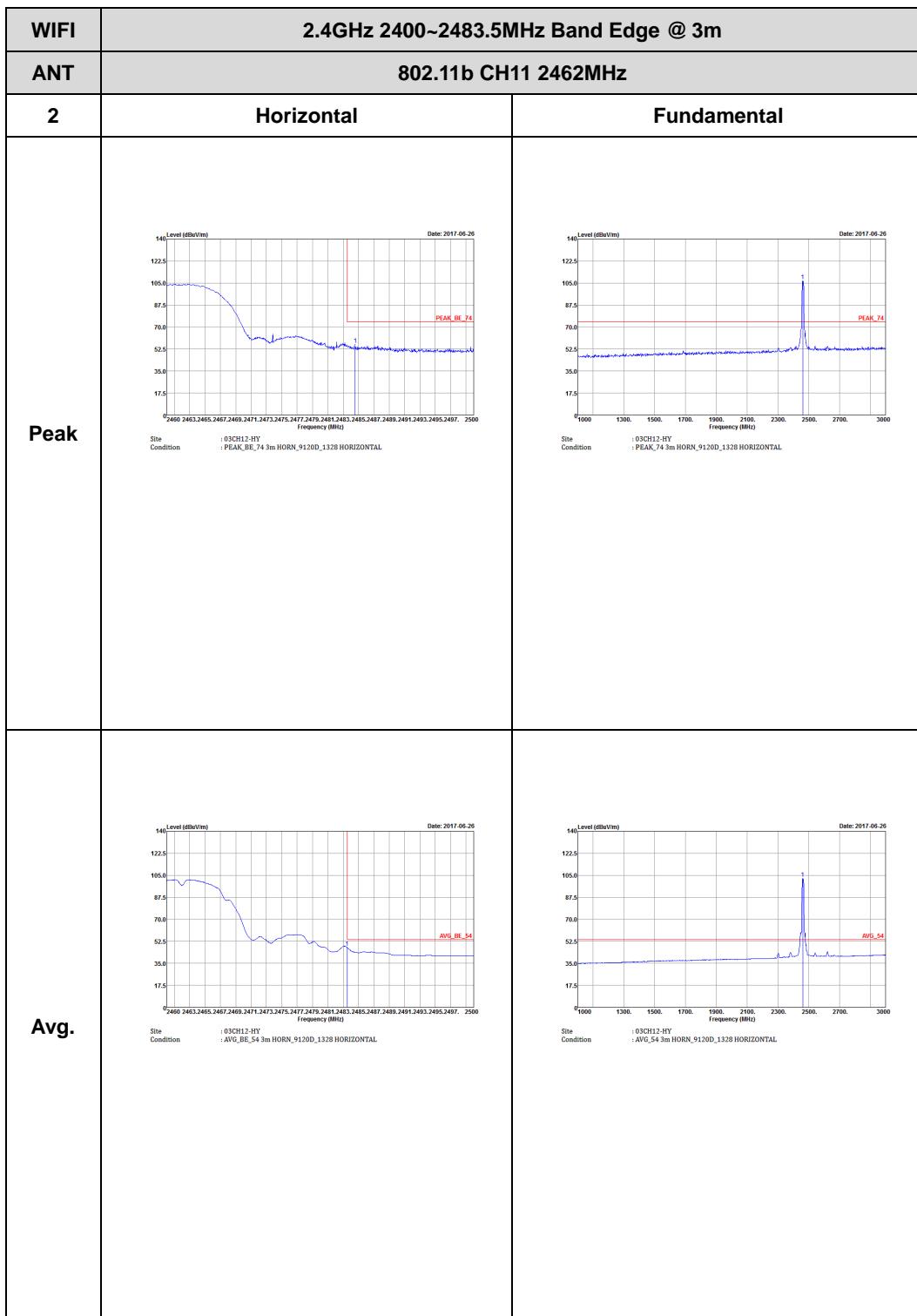


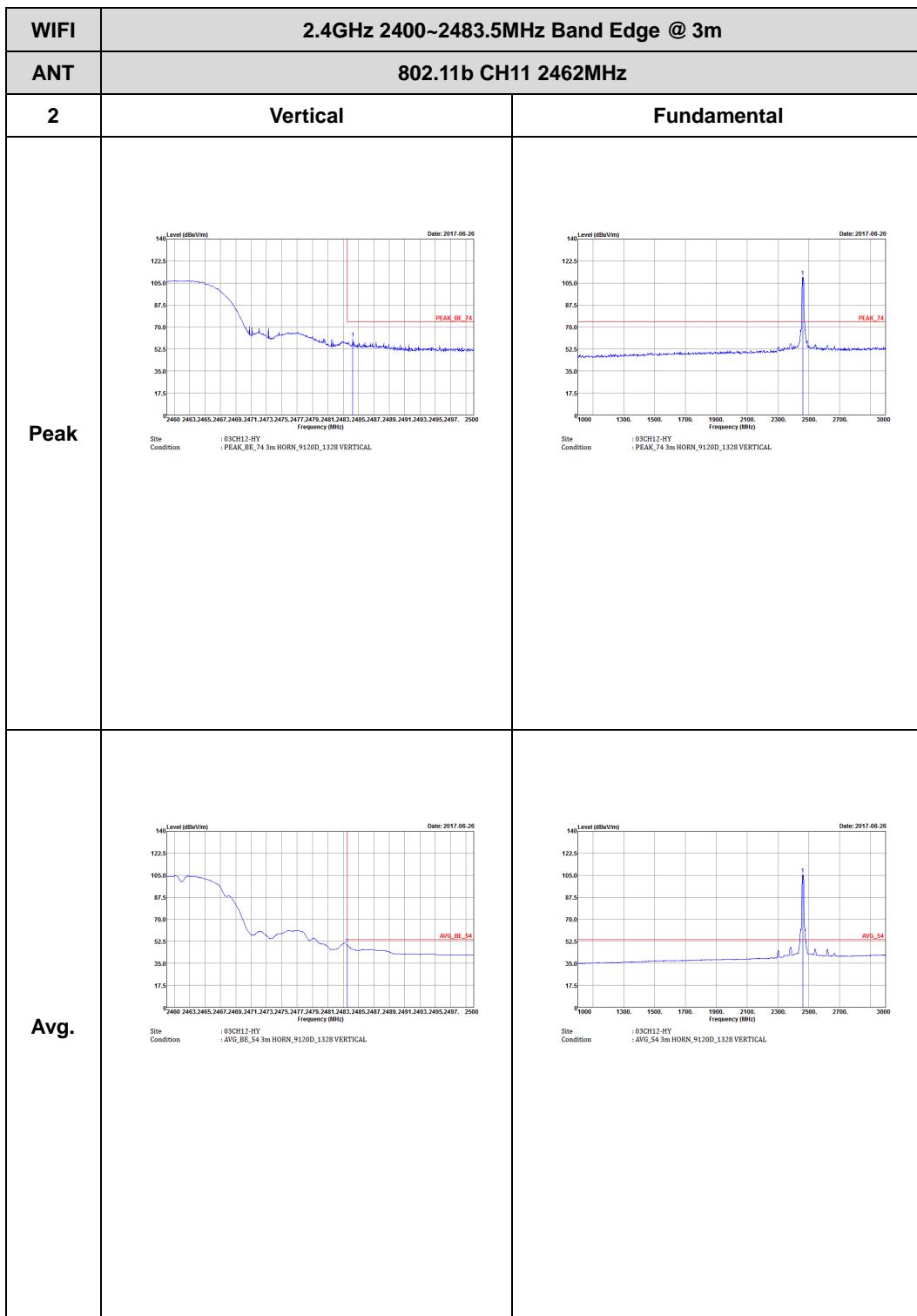
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN, 9120D, 1328 HORIZONTAL.	Left blank
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN, 9120D, 1328 HORIZONTAL.	Left blank

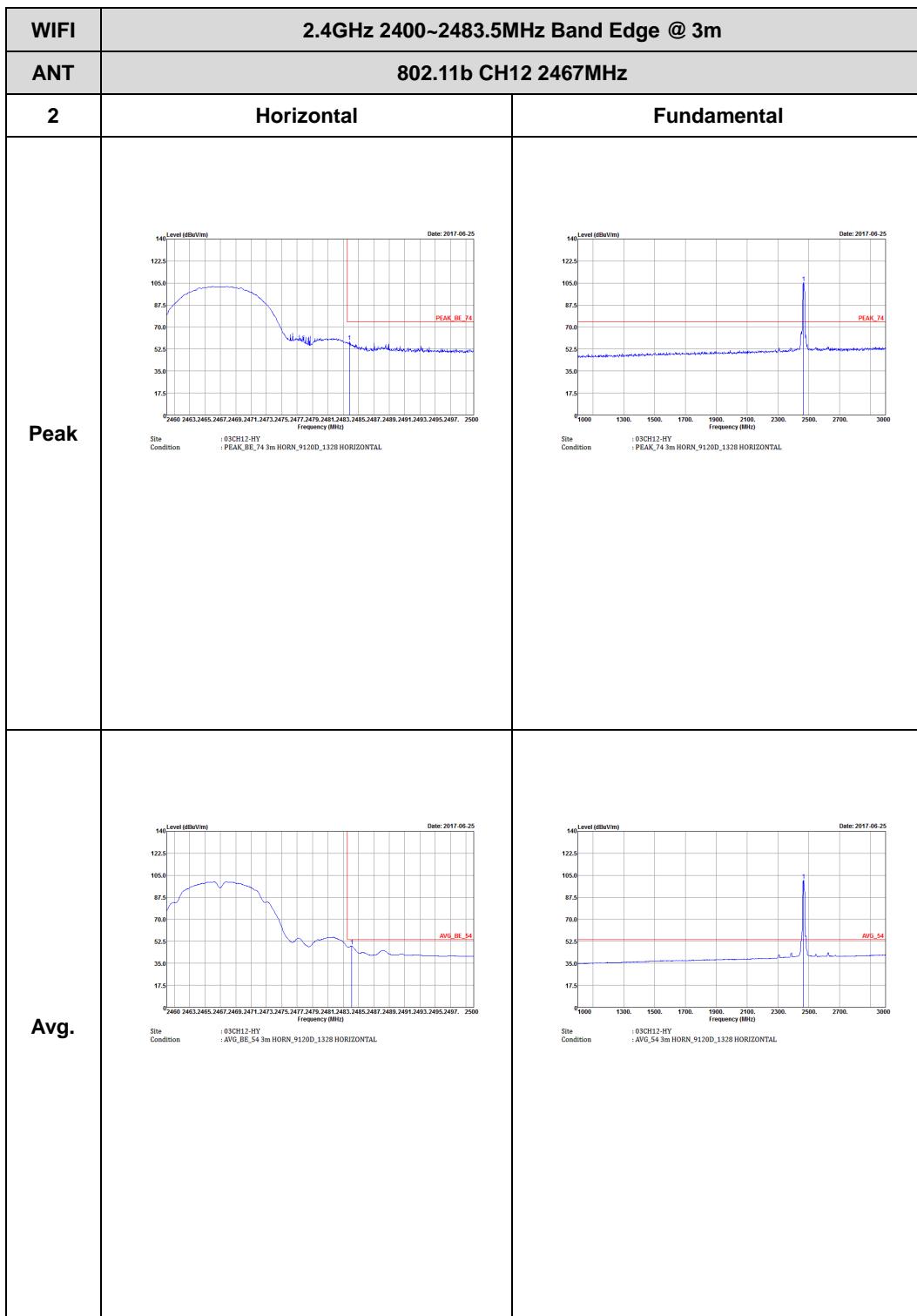


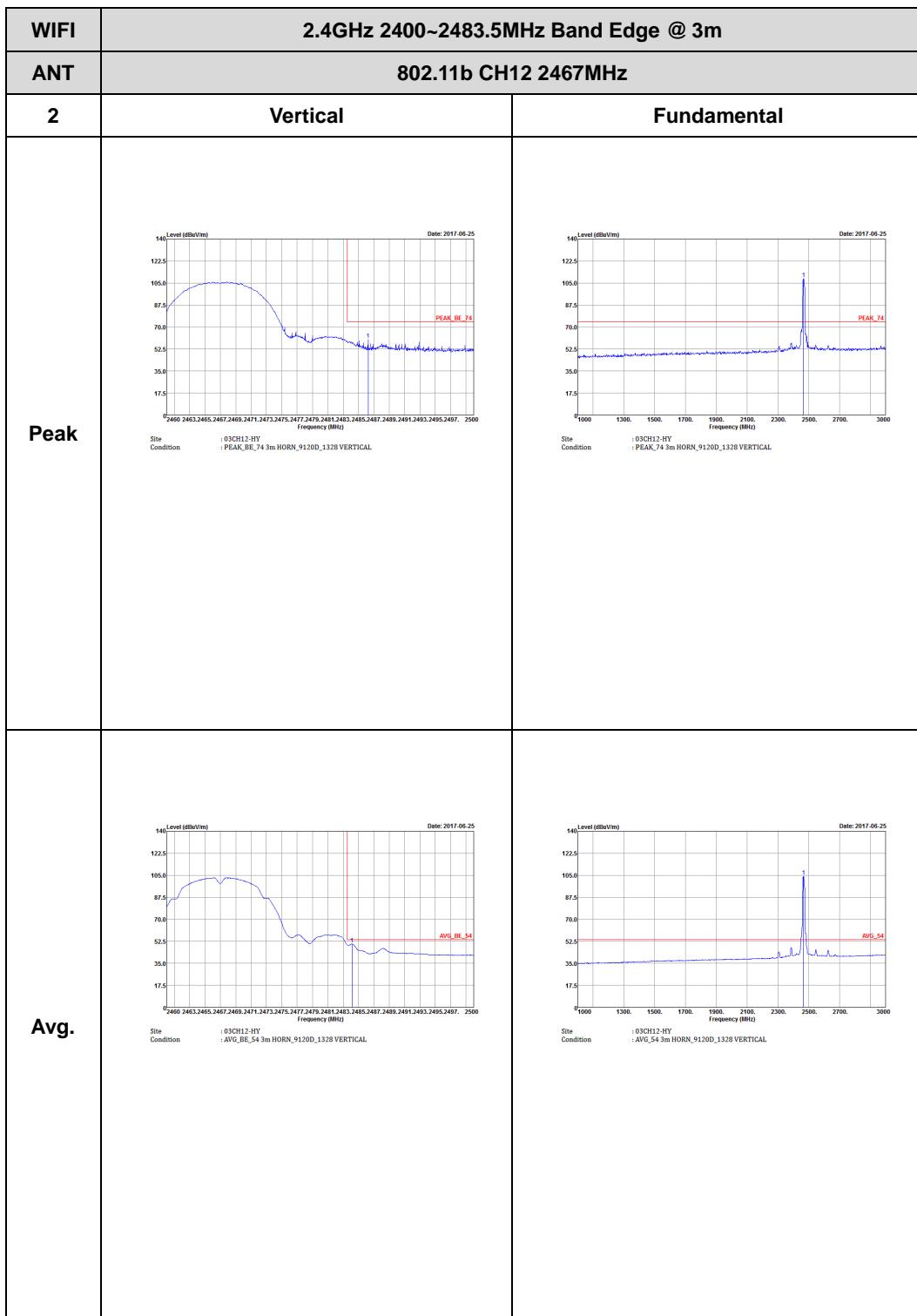


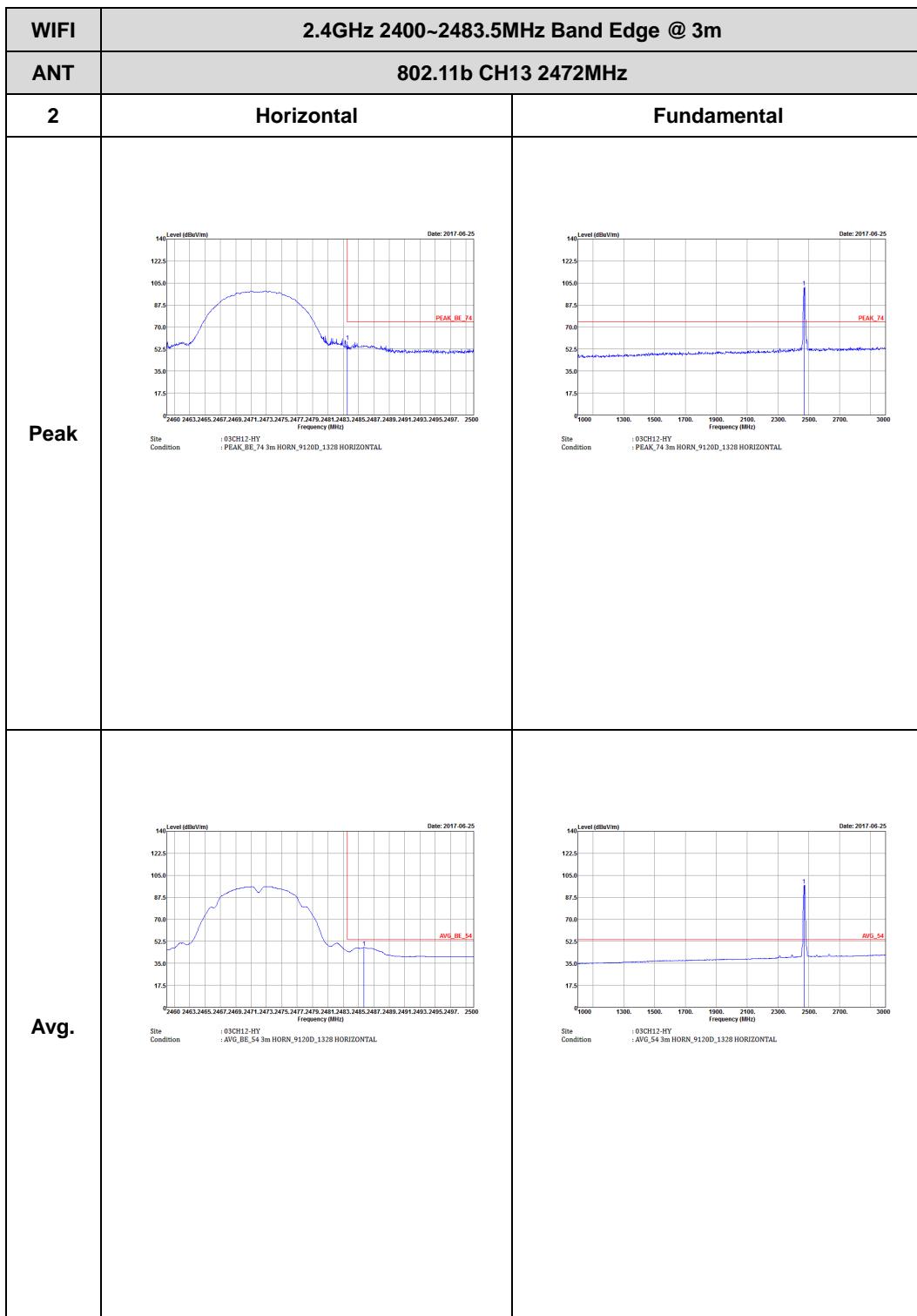
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL.	Left blank
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL.	Left blank

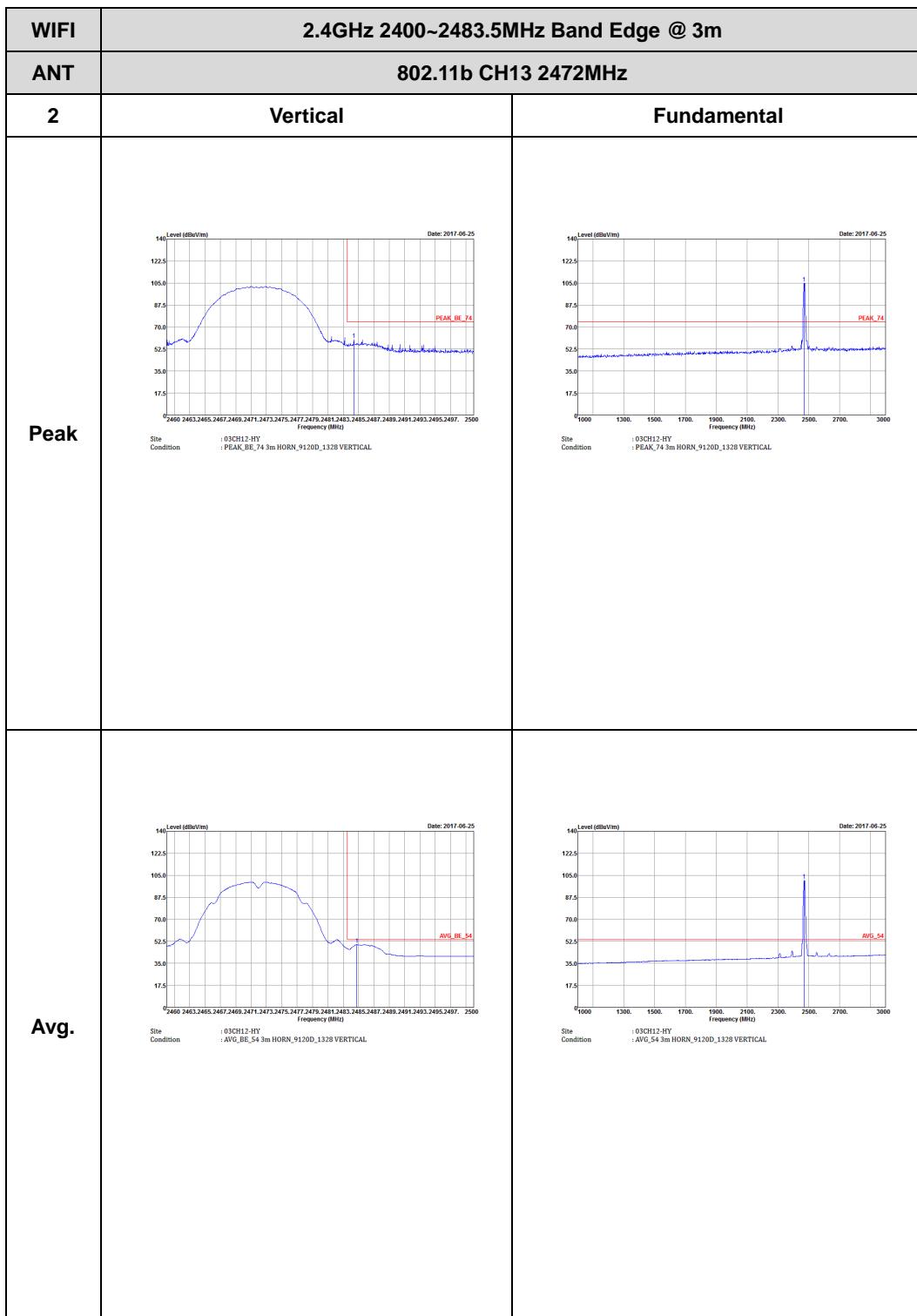








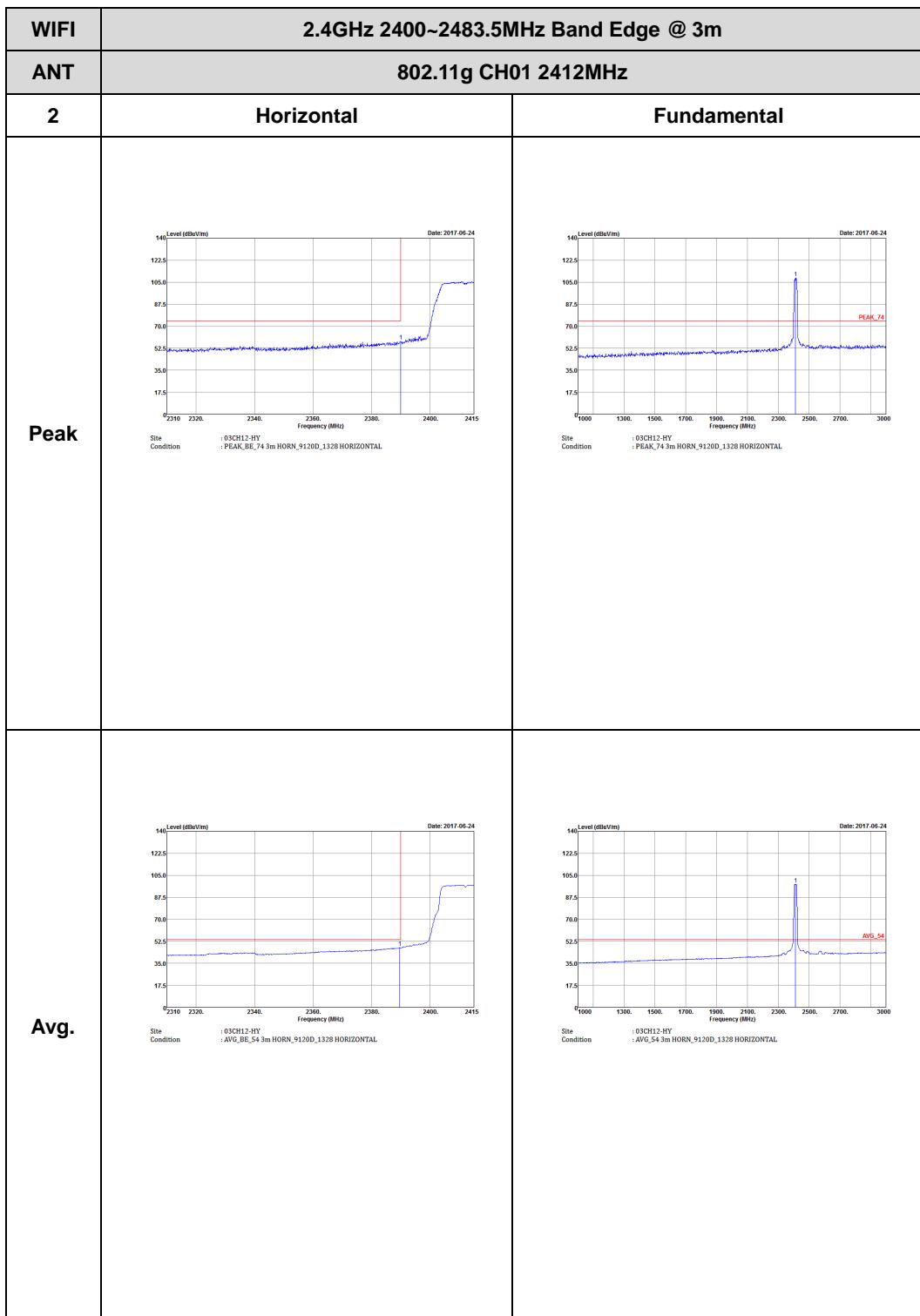


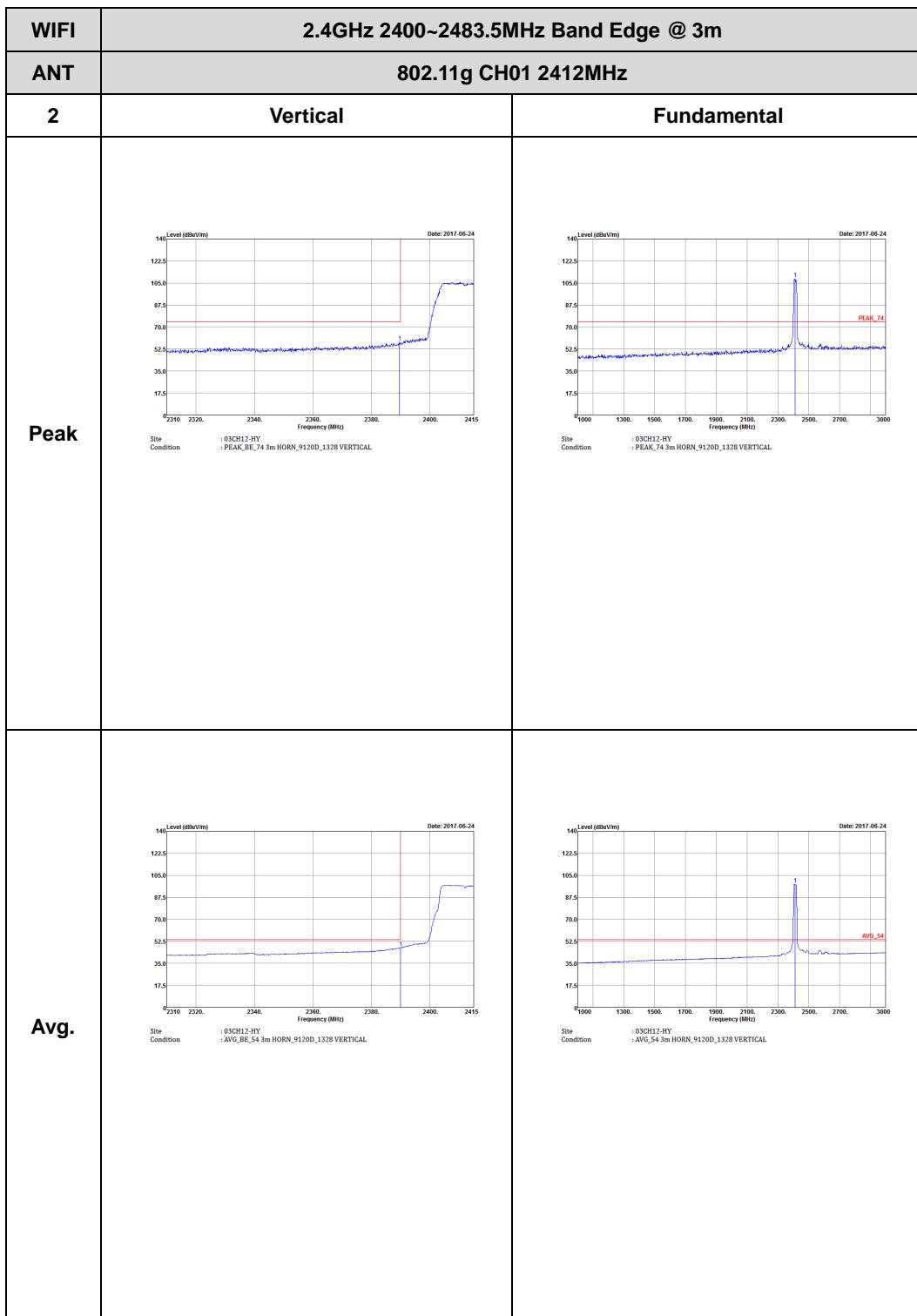


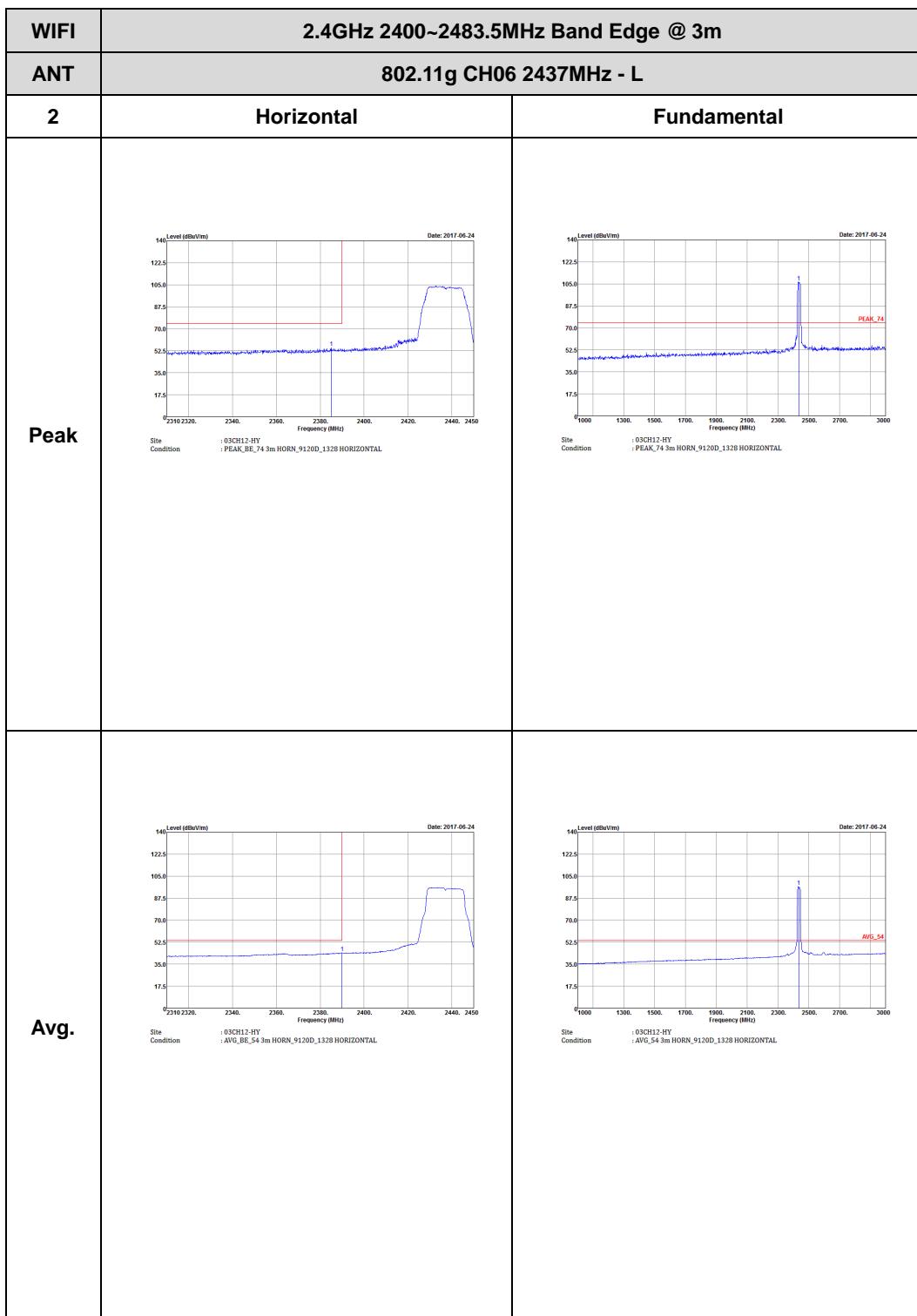


2.4GHz 2400~2483.5MHz

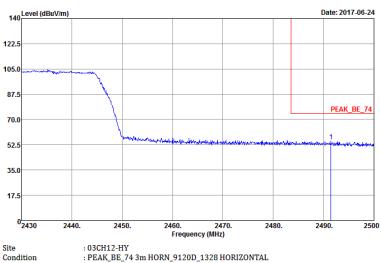
WIFI 802.11g (Band Edge @ 3m)

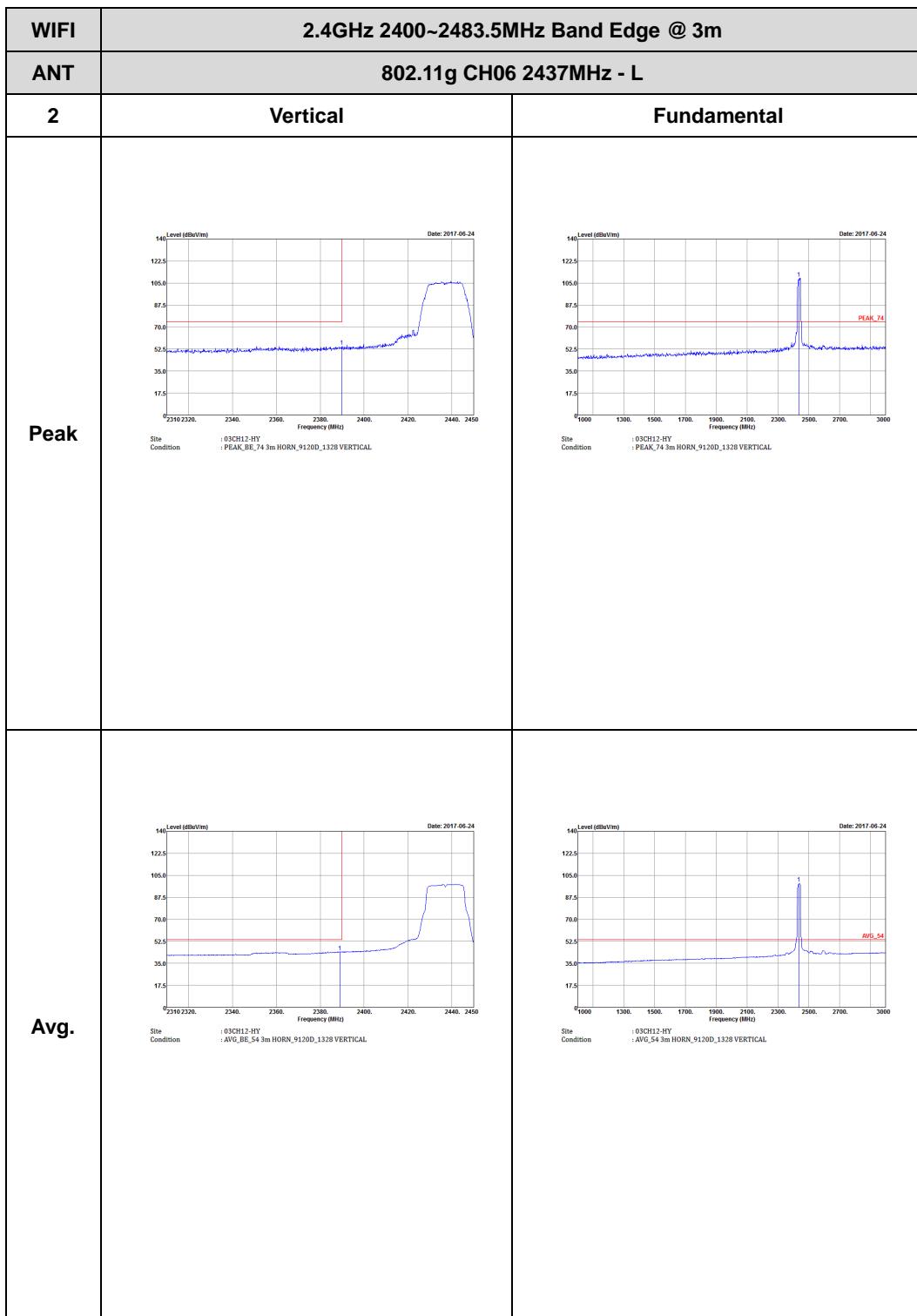




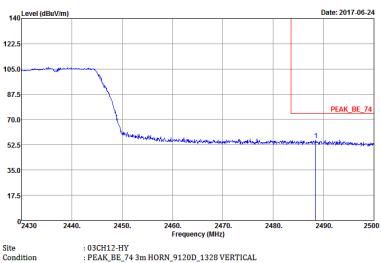


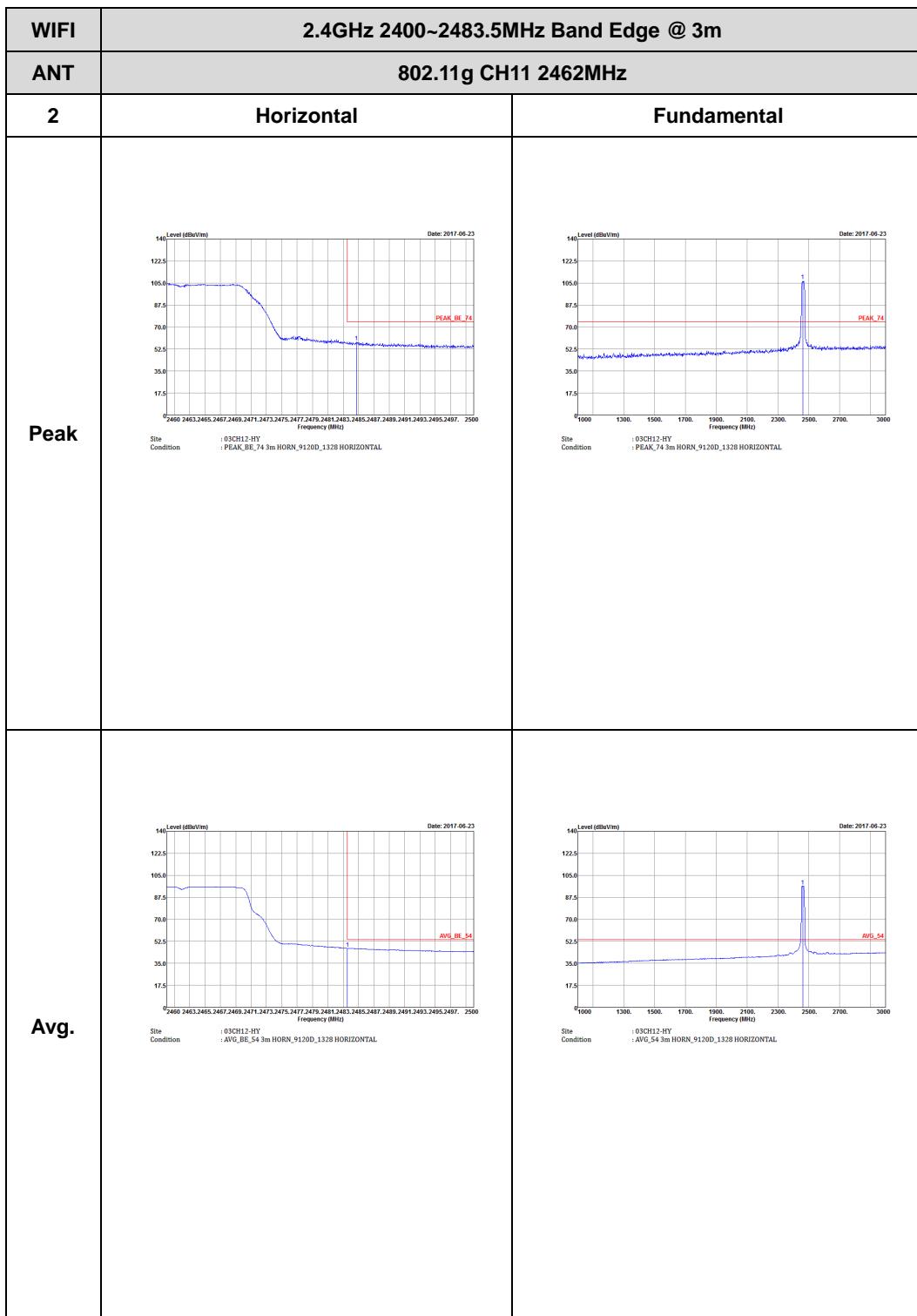


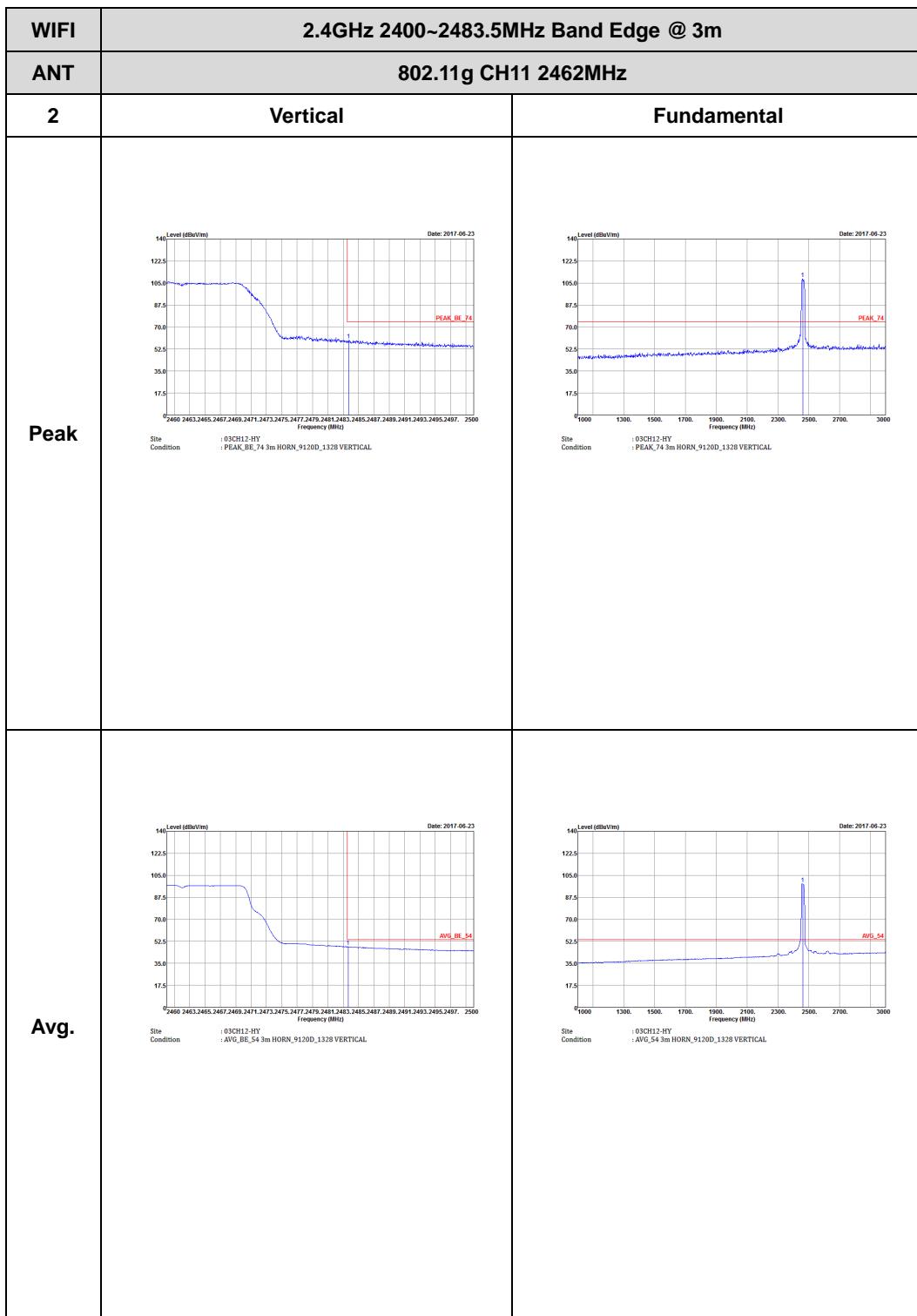
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Level (dBm/m) vs Frequency (MHz) plot. The x-axis ranges from 2430 to 2500 MHz, and the y-axis ranges from 17.5 to 144 dBm/m. A blue line shows a signal level that remains relatively flat around 87.5 dBm/m until approximately 2450 MHz, then drops sharply to about 52.5 dBm/m. A red vertical bar highlights a peak at 2437 MHz, labeled "PEAK_BE_74". The plot is dated 2017-06-24. Site condition information at the bottom of the plot includes: 03CH12-HY, PEAK_BE_74 3m HORN, 9120D, 1328 HORIZONTAL.</p>	Left blank
Avg.	 <p>Level (dBm/m) vs Frequency (MHz) plot. The x-axis ranges from 2430 to 2500 MHz, and the y-axis ranges from 17.5 to 144 dBm/m. A blue line shows a signal level that remains relatively flat around 87.5 dBm/m until approximately 2450 MHz, then drops sharply to about 52.5 dBm/m. A red vertical bar highlights a peak at 2437 MHz, labeled "AVG_BE_54". The plot is dated 2017-06-24. Site condition information at the bottom of the plot includes: 03CH12-HY, AVG_BE_54 3m HORN, 9120D, 1328 HORIZONTAL.</p>	Left blank

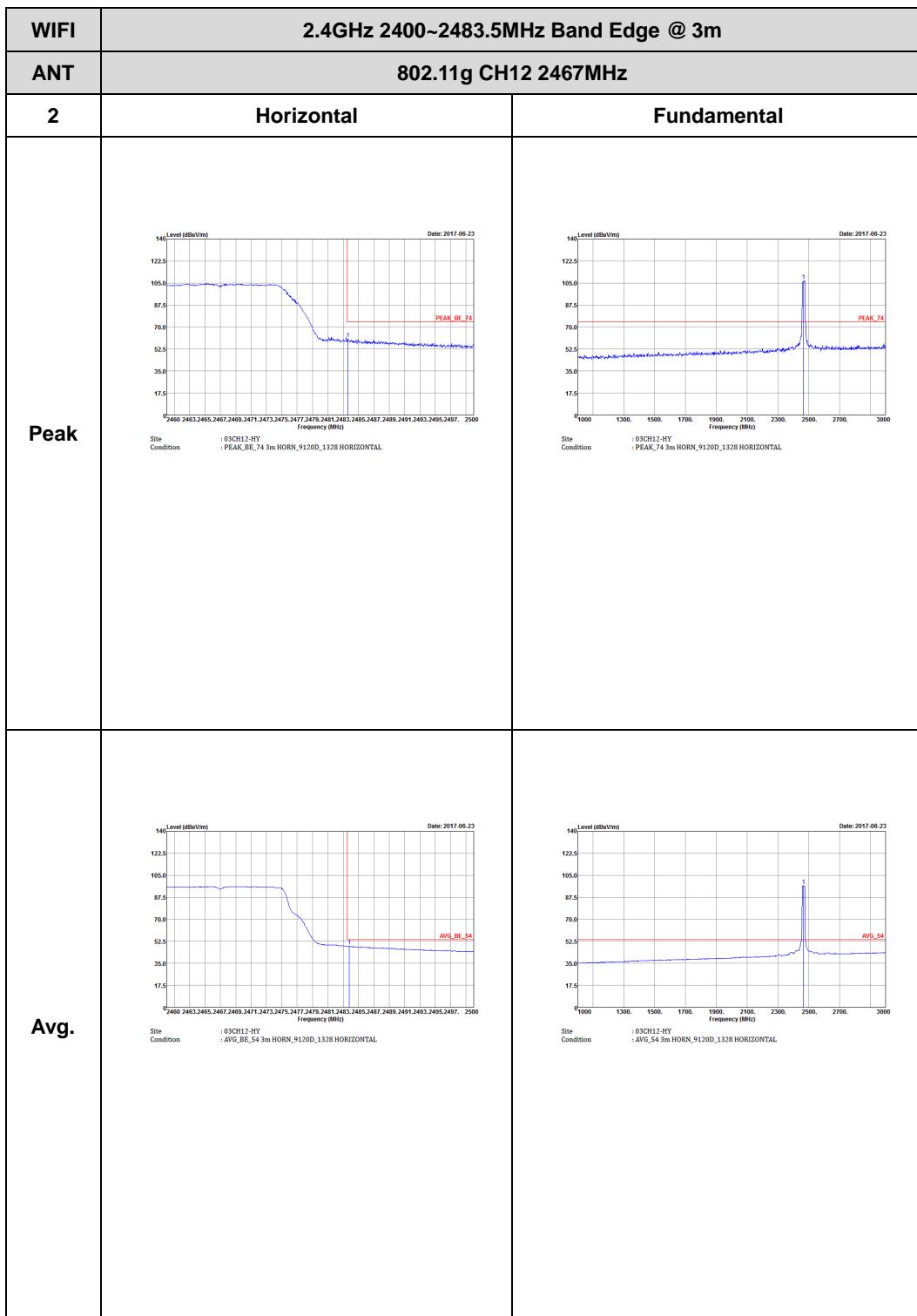


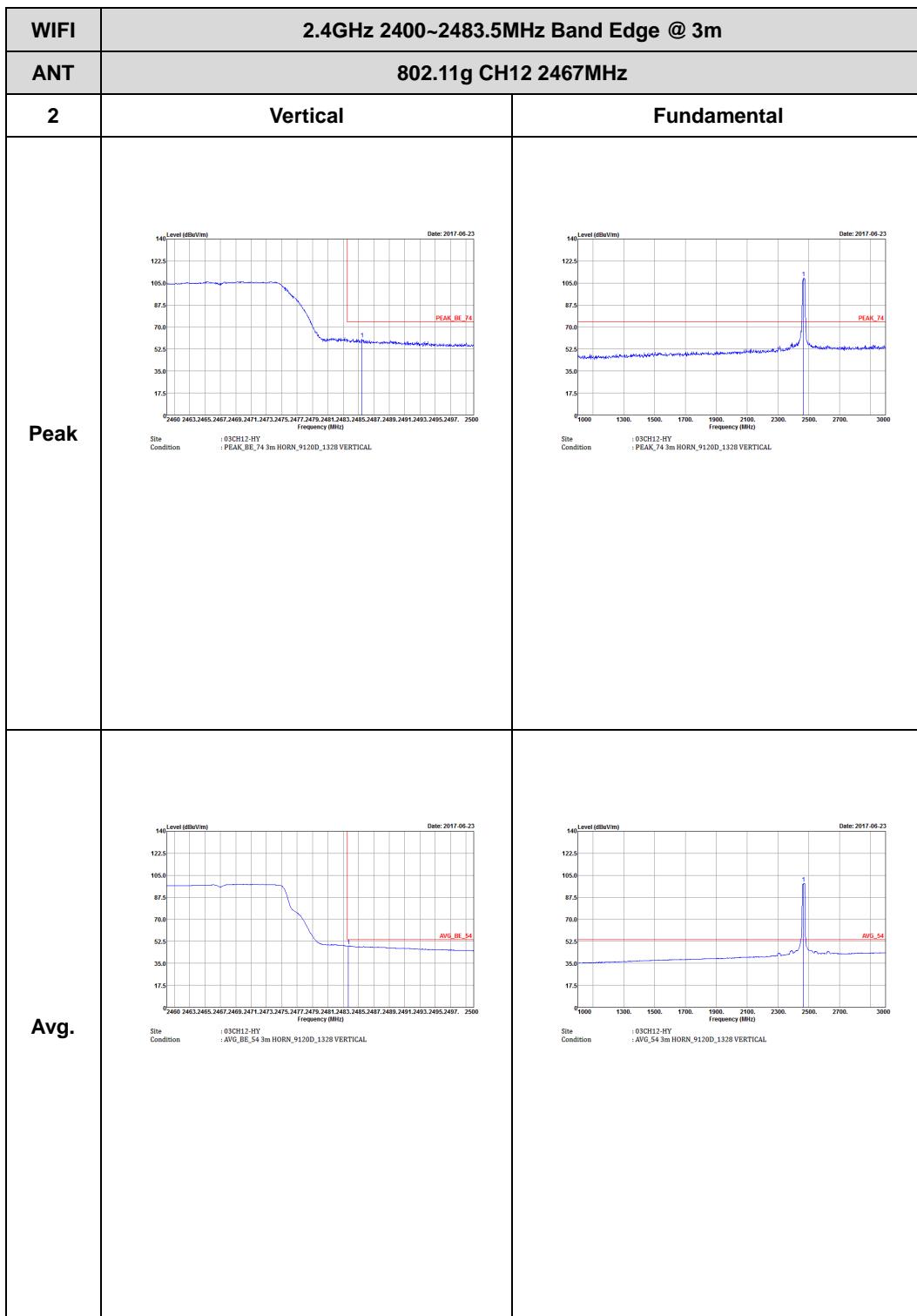


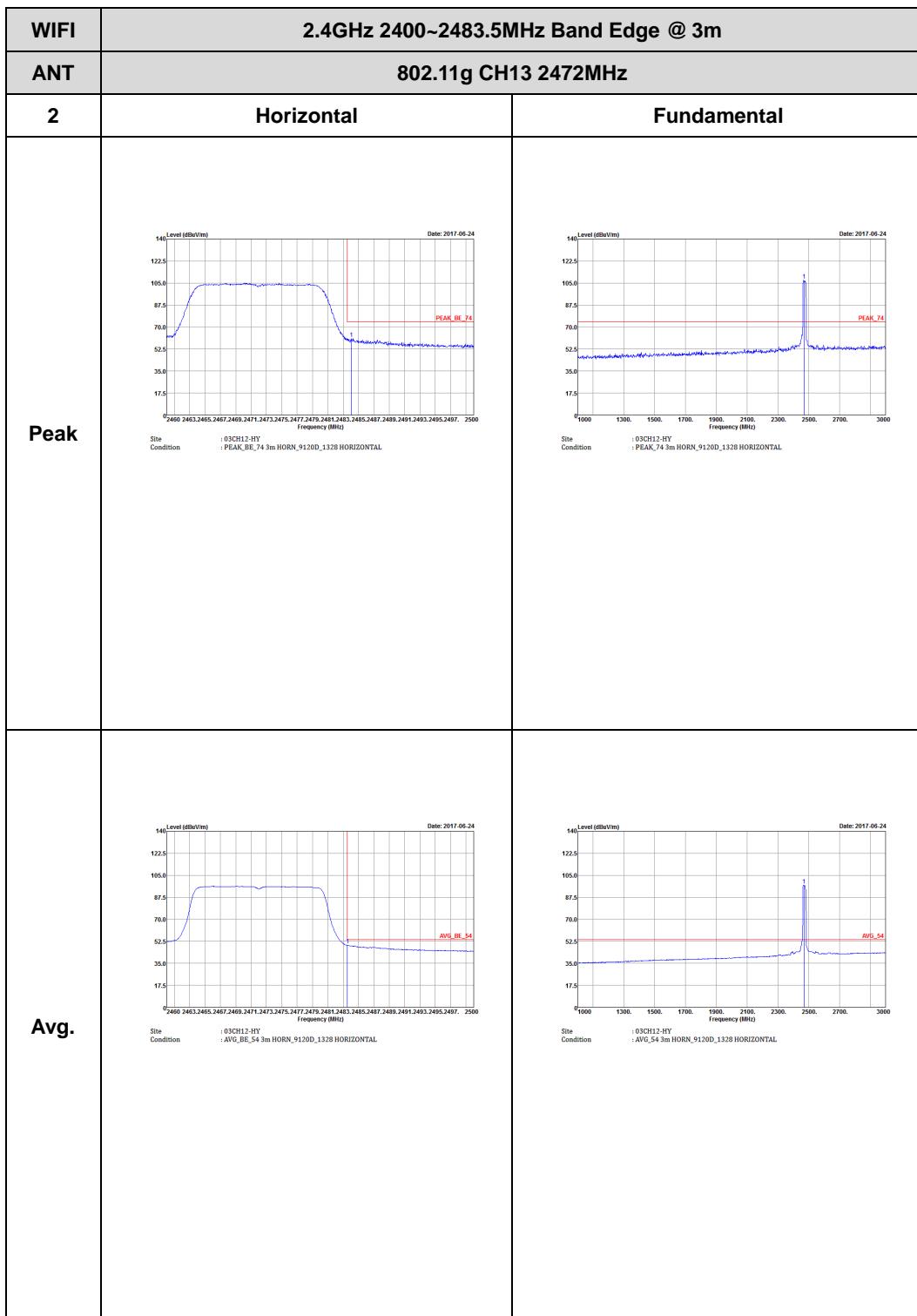
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 <p>Level (dBm/m) vs Frequency (MHz) plot. The x-axis ranges from 2430 to 2500 MHz, and the y-axis ranges from 17.5 to 144 dBm/m. A blue line shows a sharp peak at approximately 2437 MHz, reaching about 125 dBm/m. A red step function highlights the band edge. Text on the plot includes: Date: 2017-06-24, Site: 03CH12-HY, Condition: PEAK_BE_74.</p>	Left Blank
Avg.	 <p>Level (dBm/m) vs Frequency (MHz) plot. The x-axis ranges from 2430 to 2500 MHz, and the y-axis ranges from 17.5 to 144 dBm/m. A blue line shows a broad peak at approximately 2437 MHz, reaching about 55 dBm/m. A red step function highlights the band edge. Text on the plot includes: Date: 2017-06-24, Site: 03CH12-HY, Condition: AVG_BE_54.</p>	Left Blank

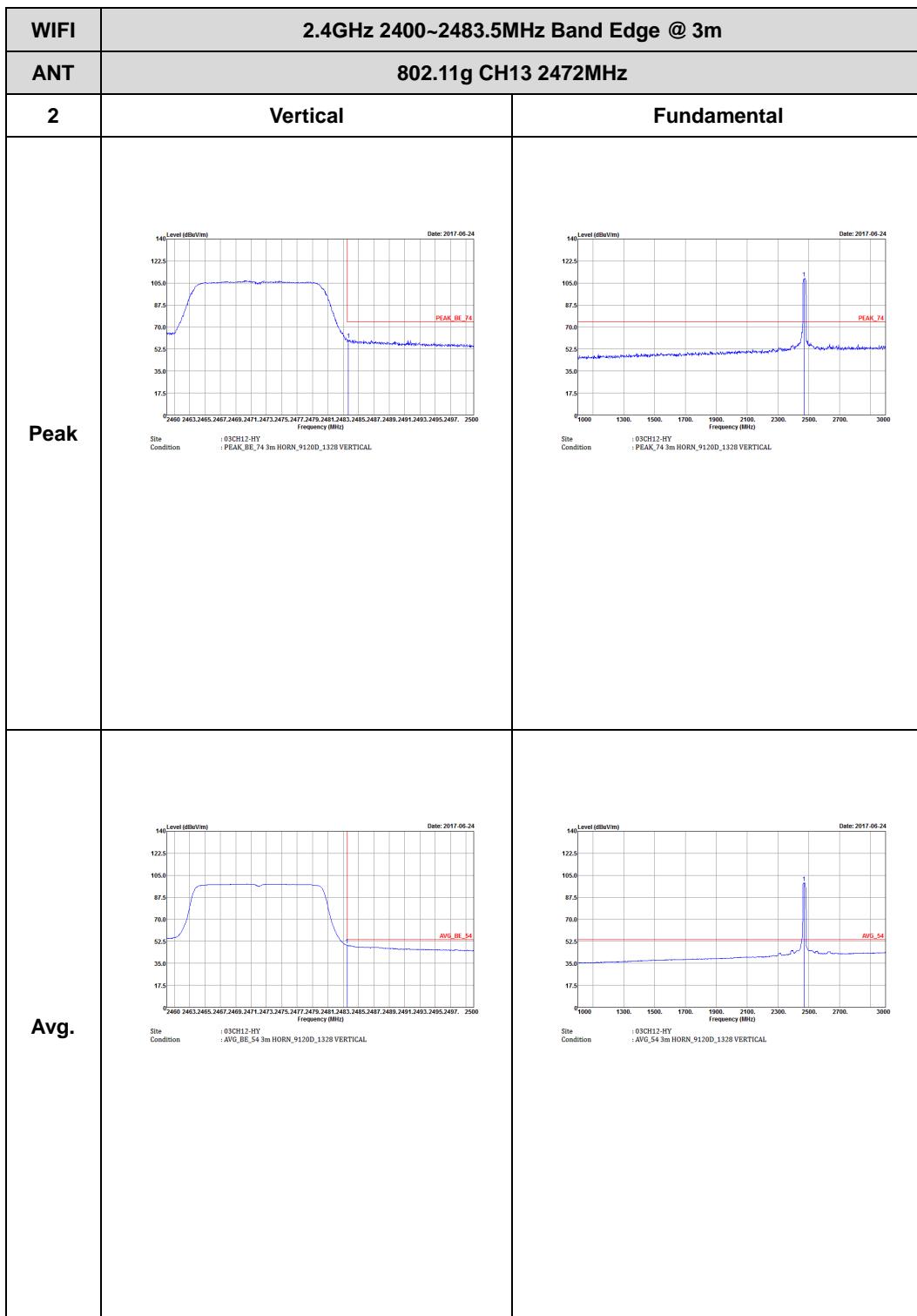








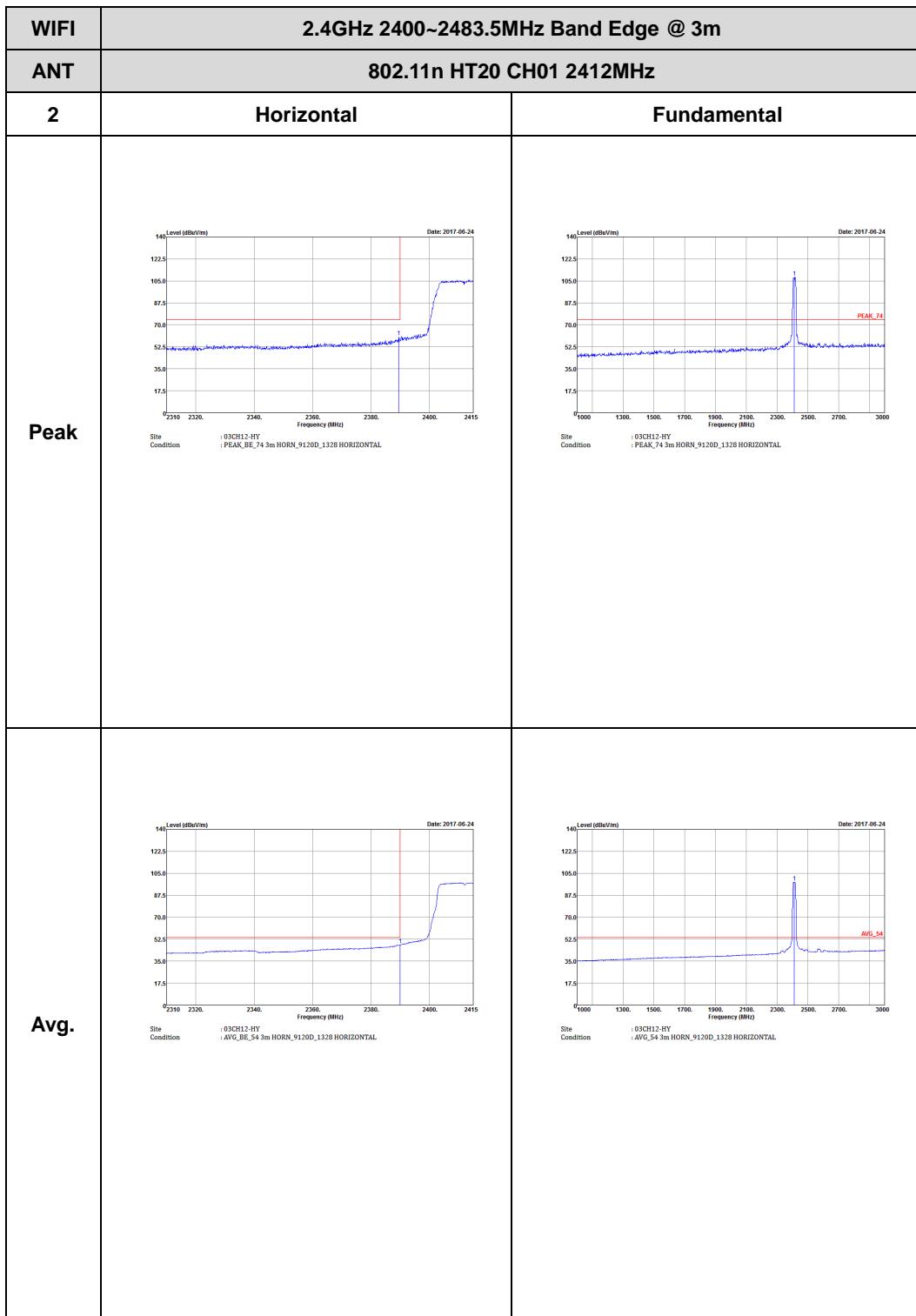


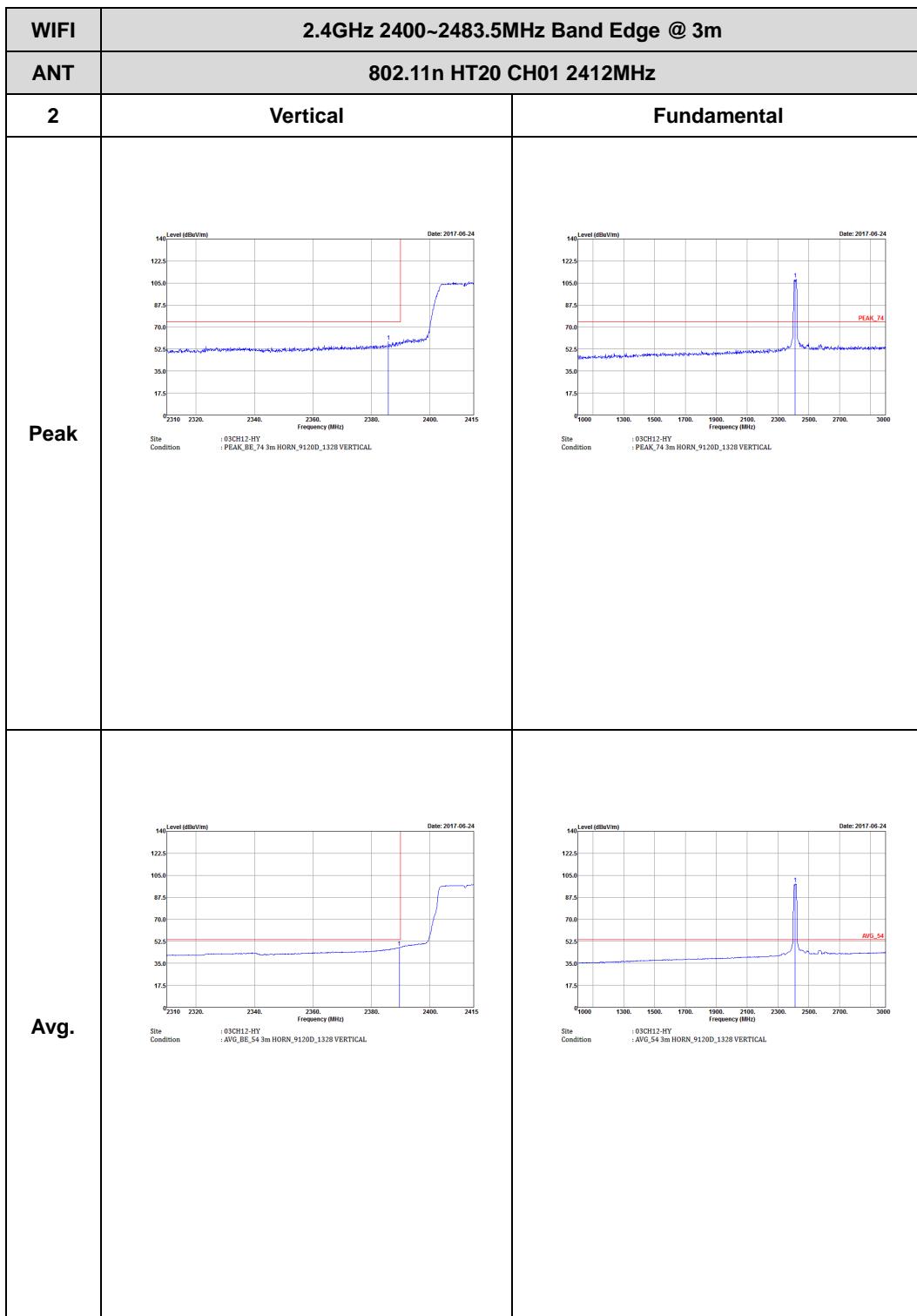


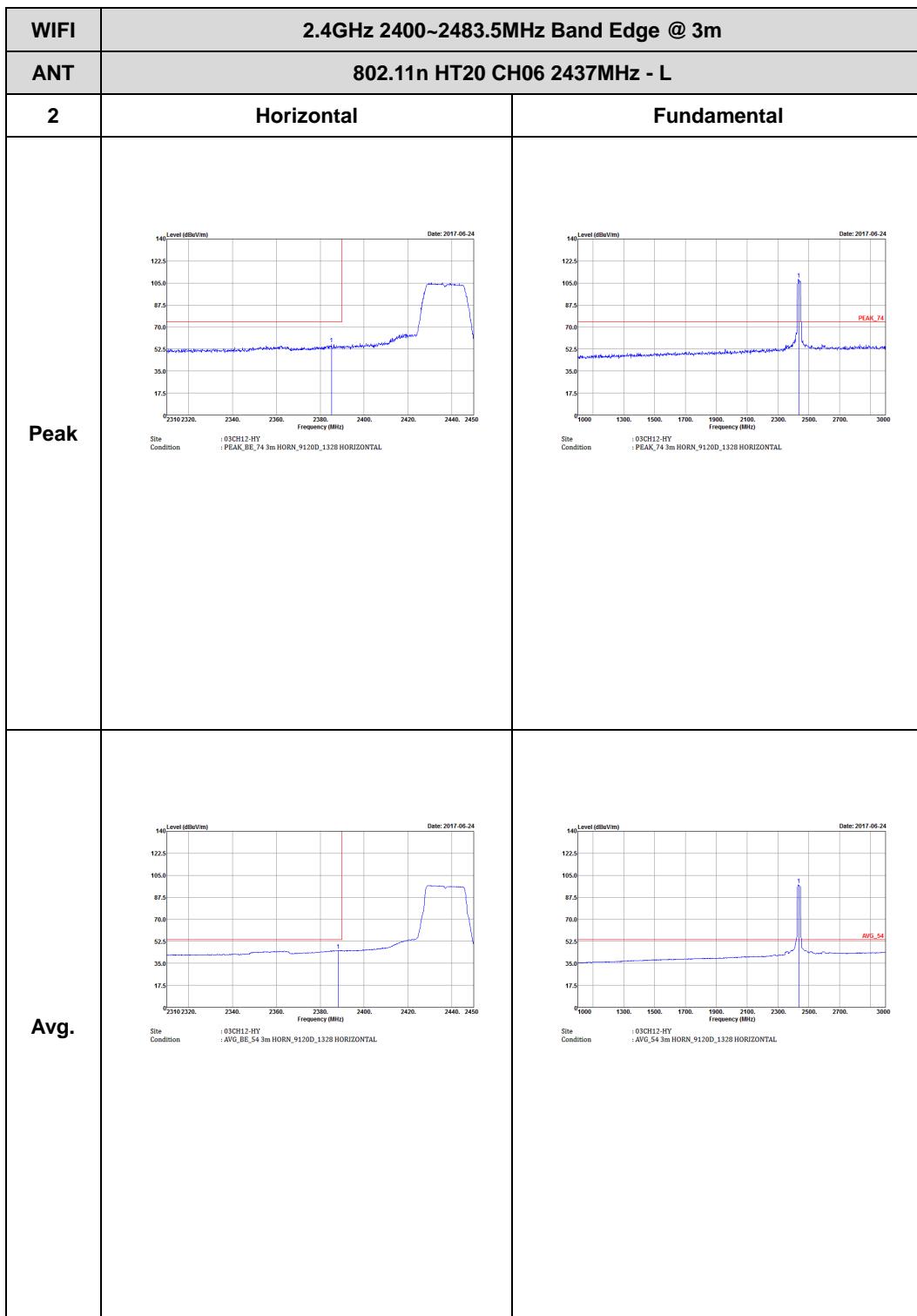


## 2.4GHz 2400~2483.5MHz

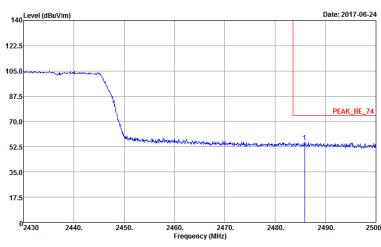
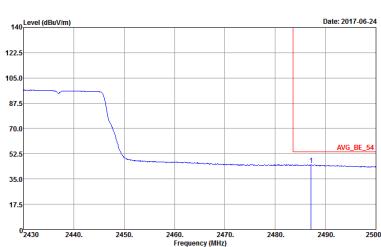
## WIFI 802.11n HT20 (Band Edge @ 3m)

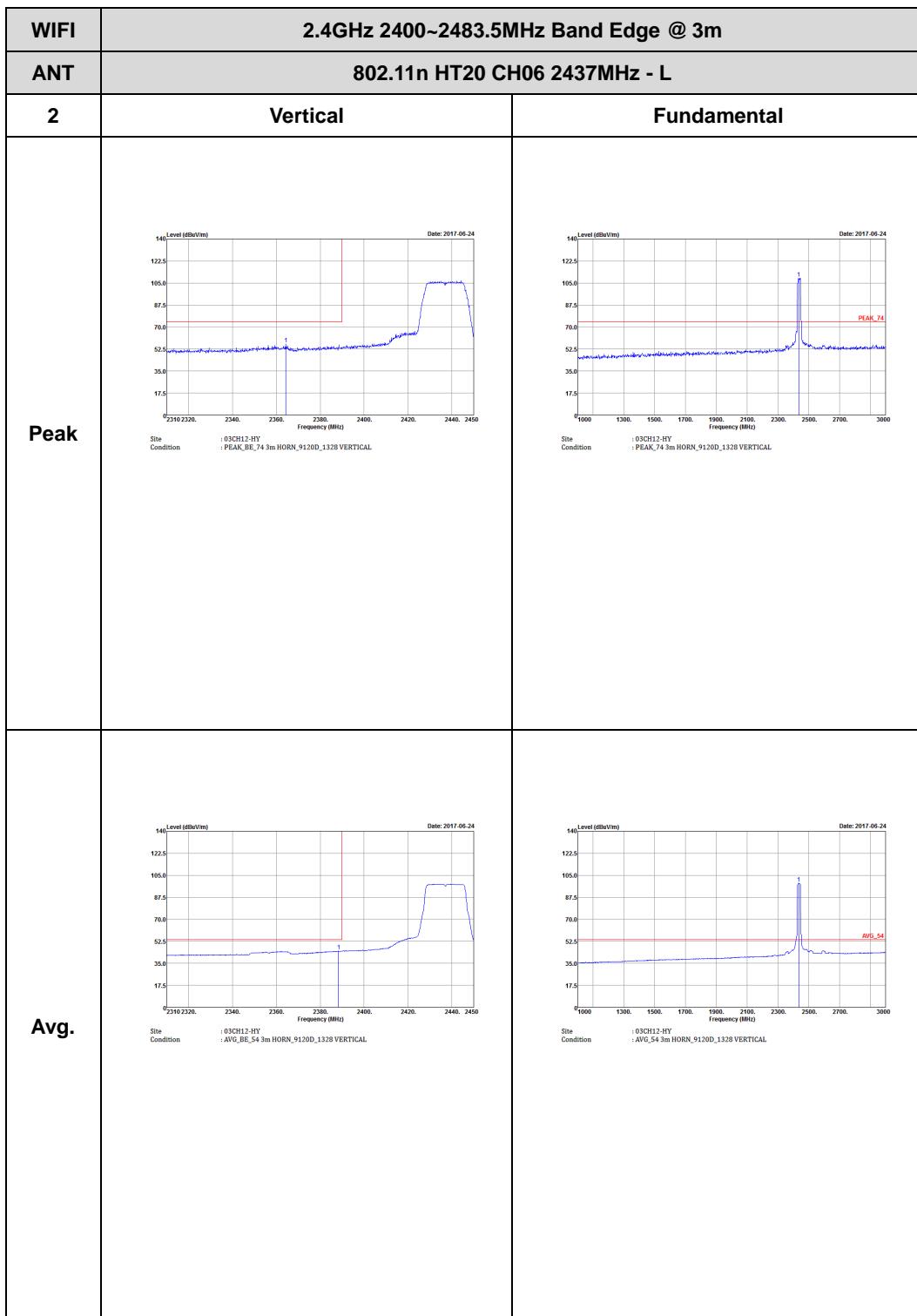




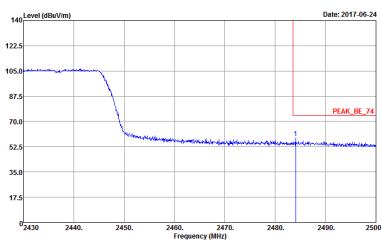
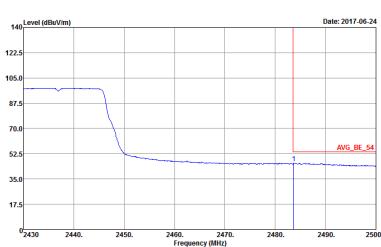


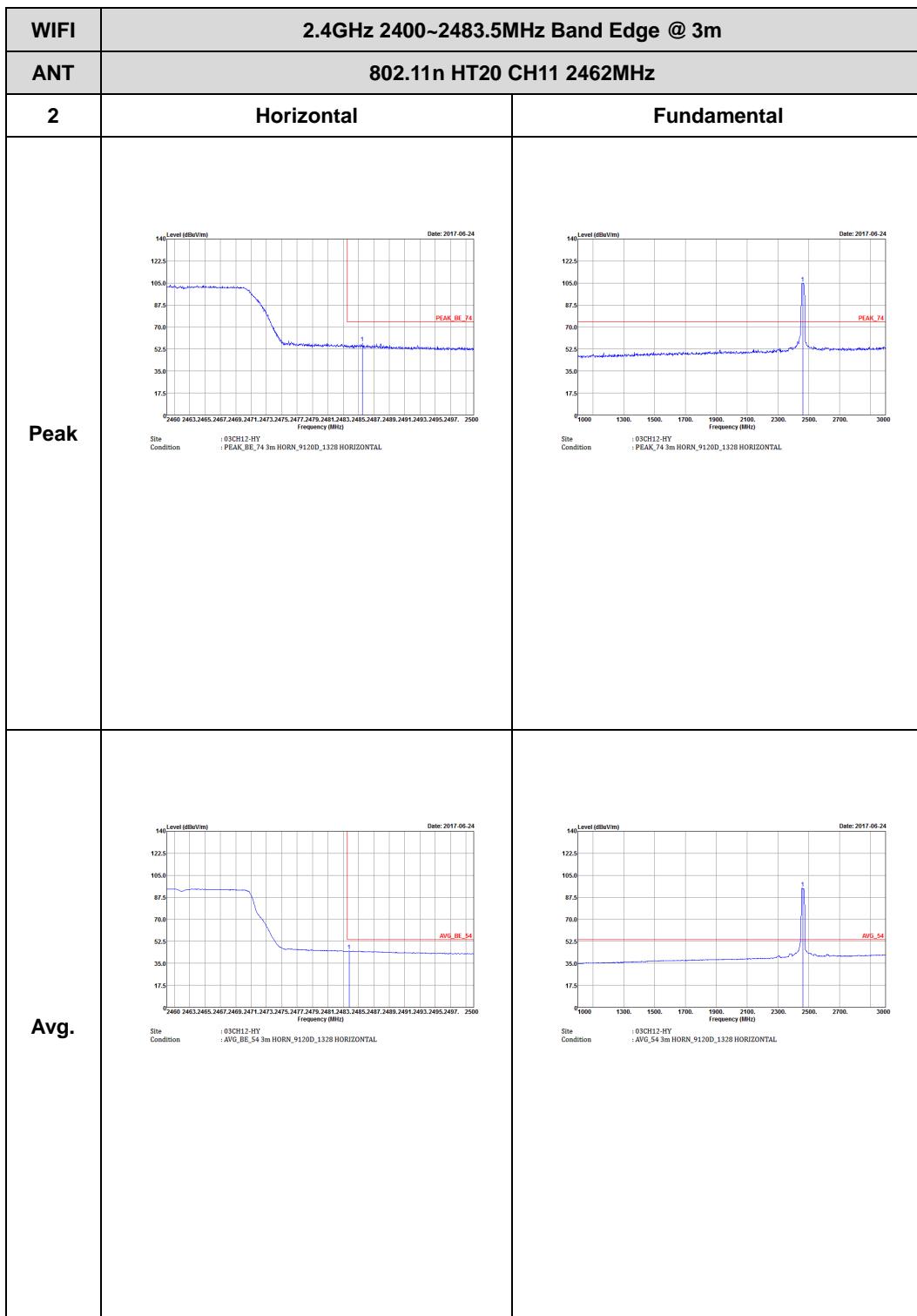


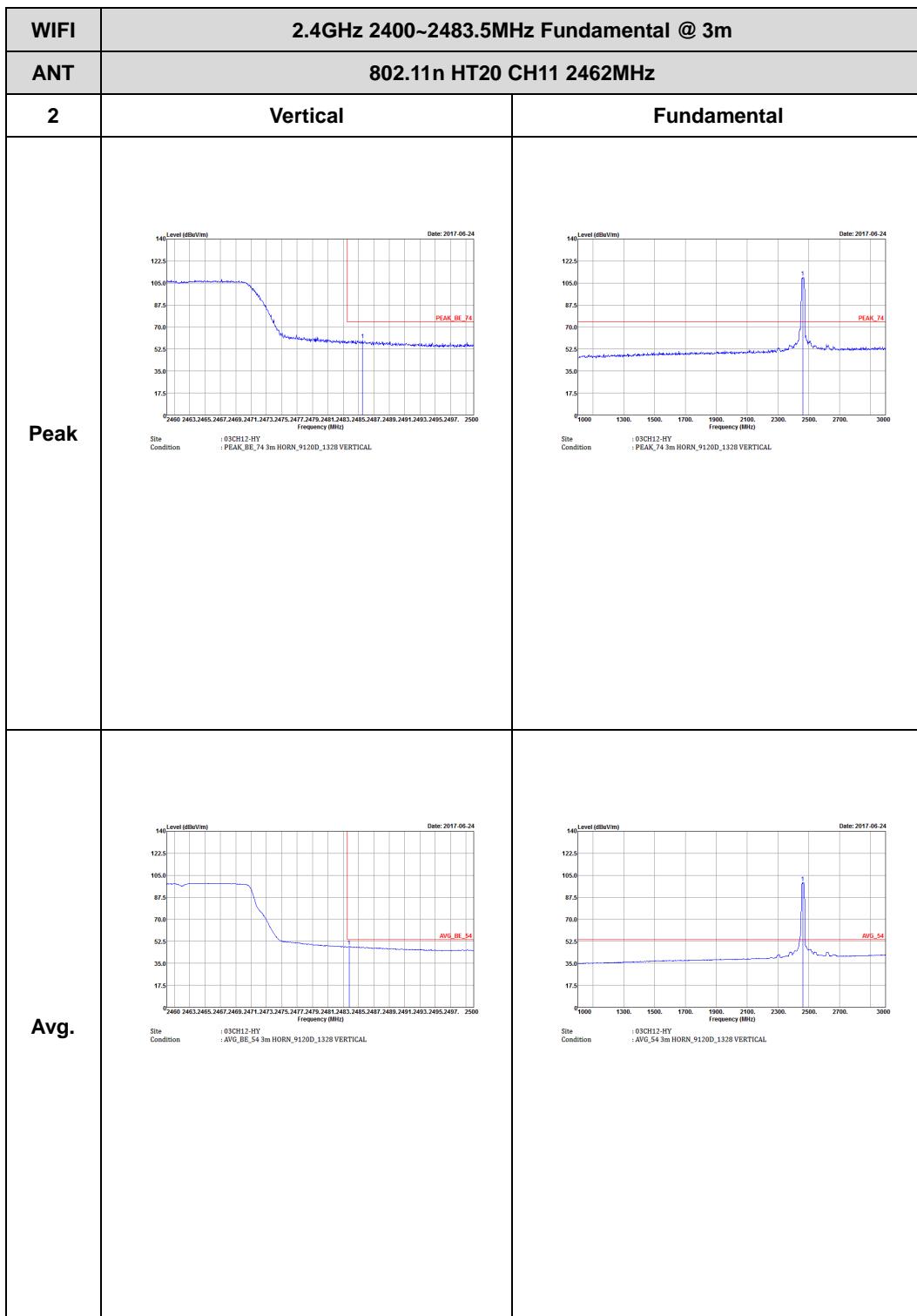
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 Site: 03CH12-HY Condition: PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL.	Left blank
Avg.	 Site: 03CH12-HY Condition: AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL.	Left blank

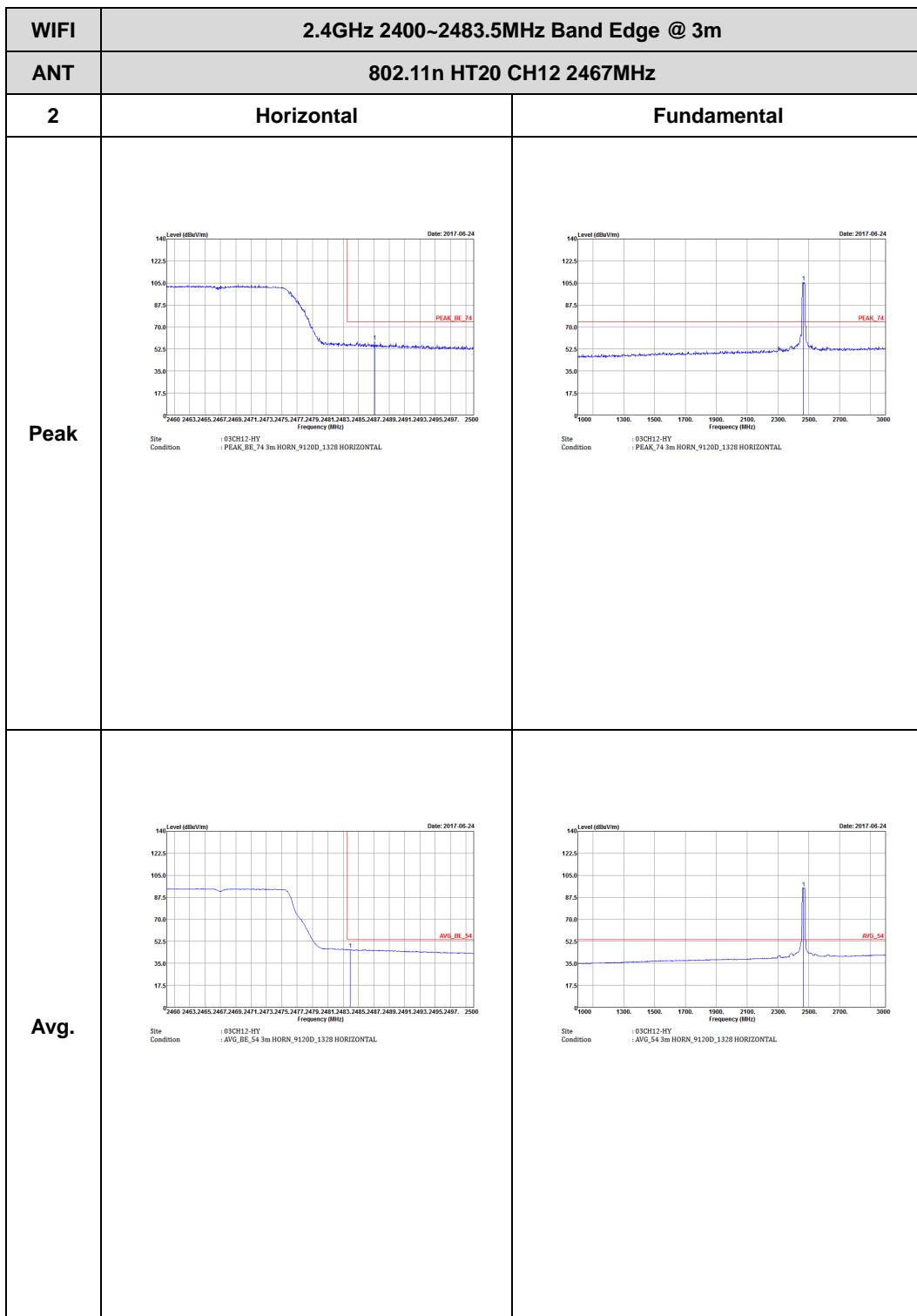


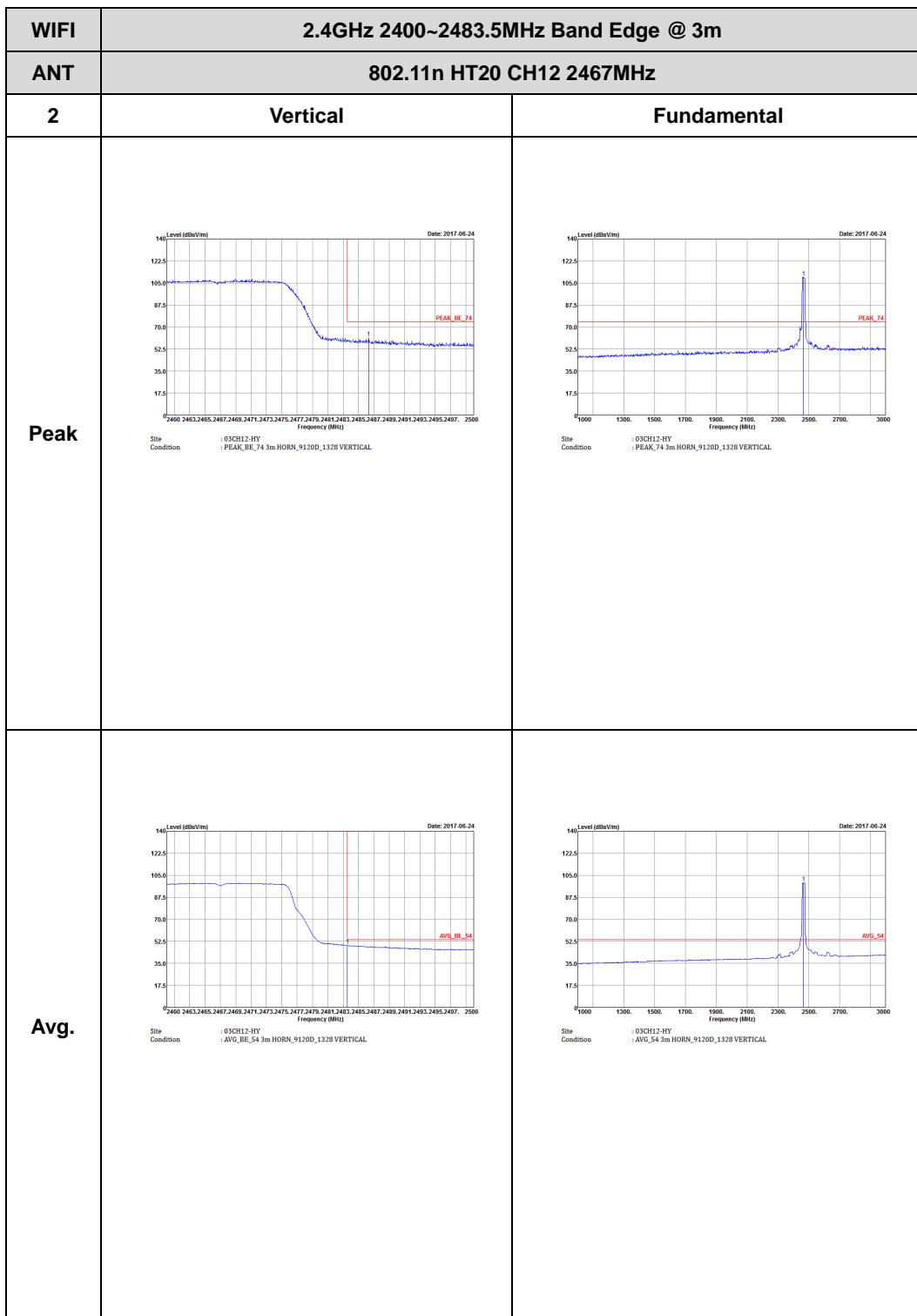


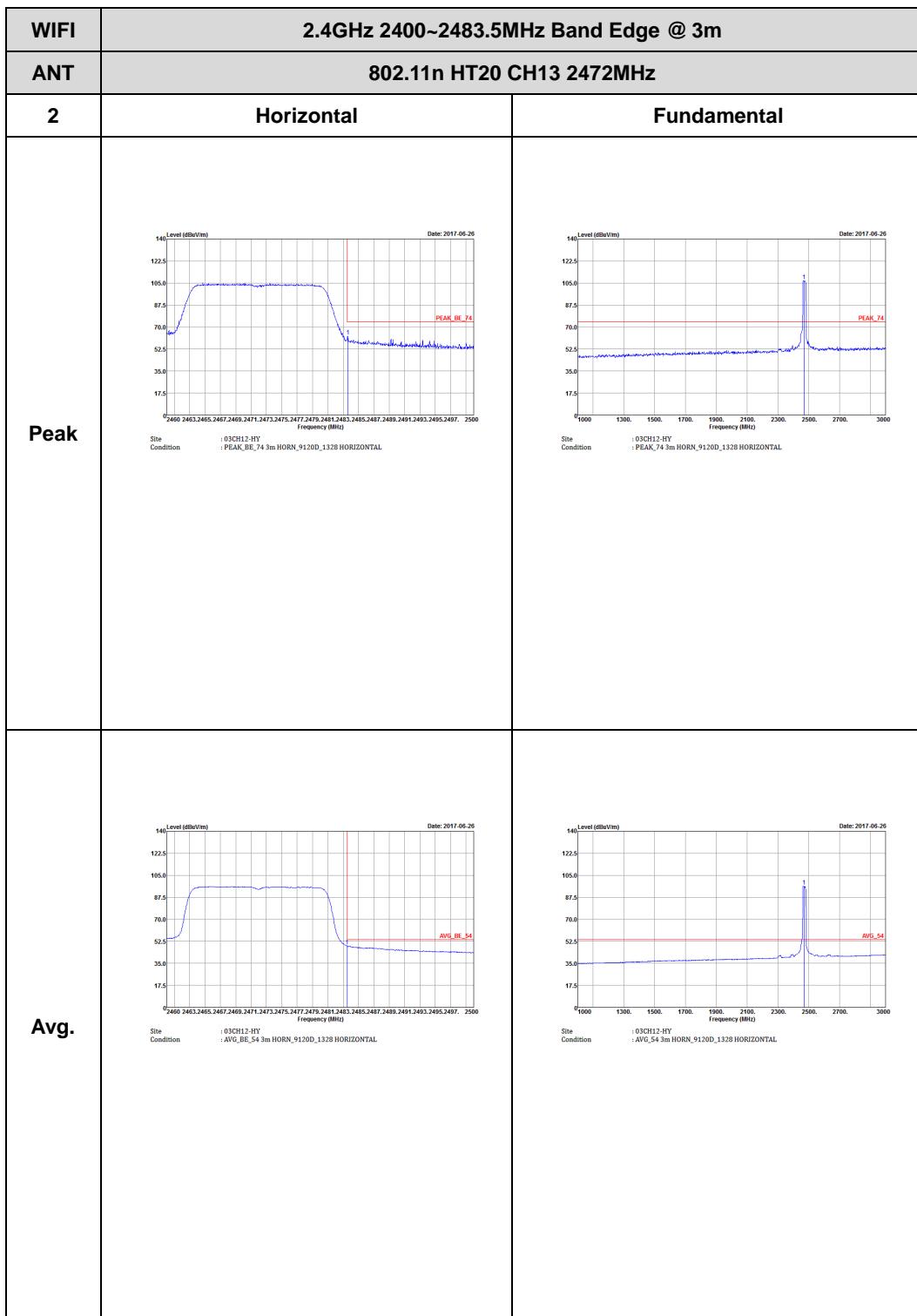
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL.</p>	Left Blank
Avg.	 <p>Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL.</p>	Left Blank

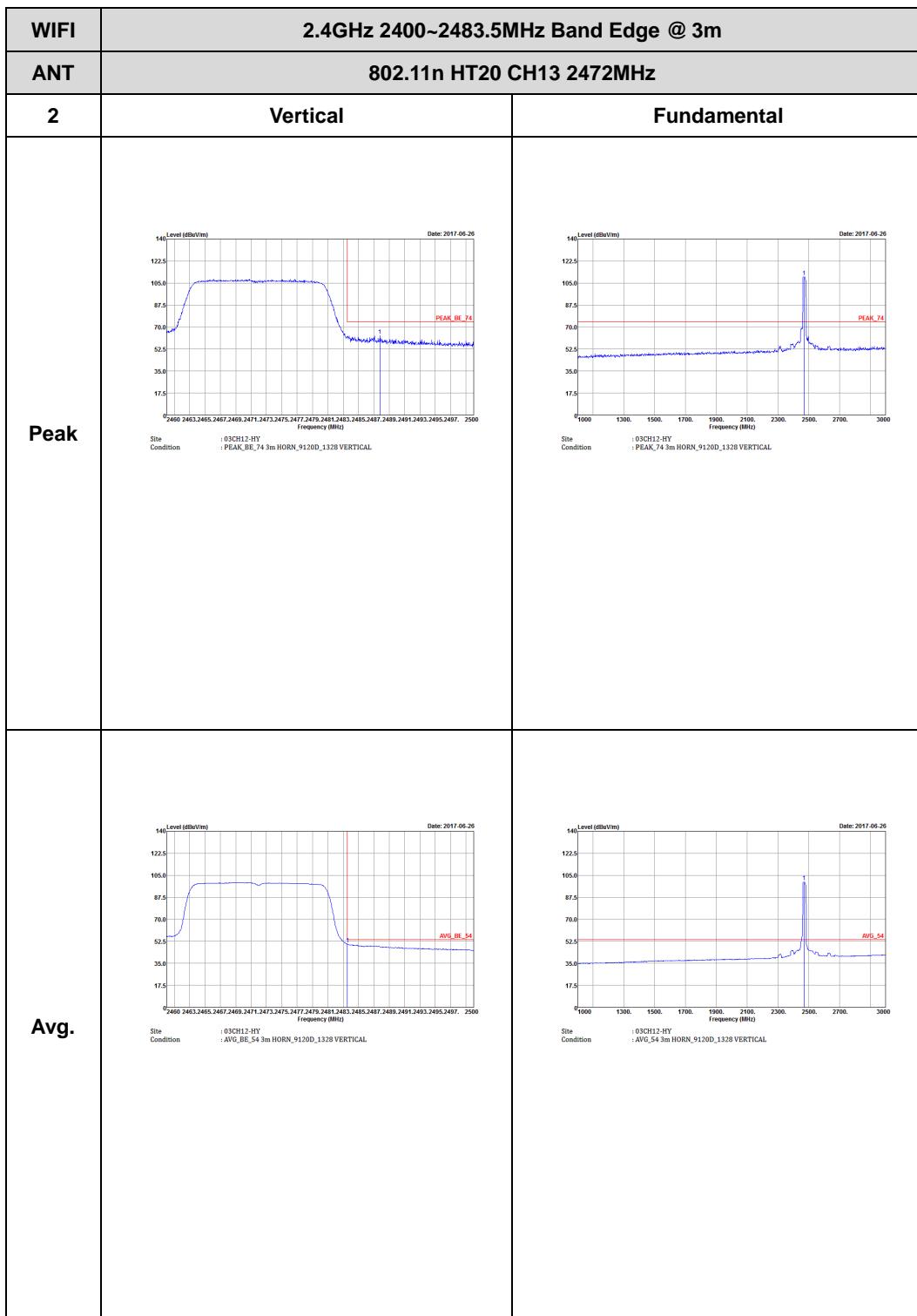








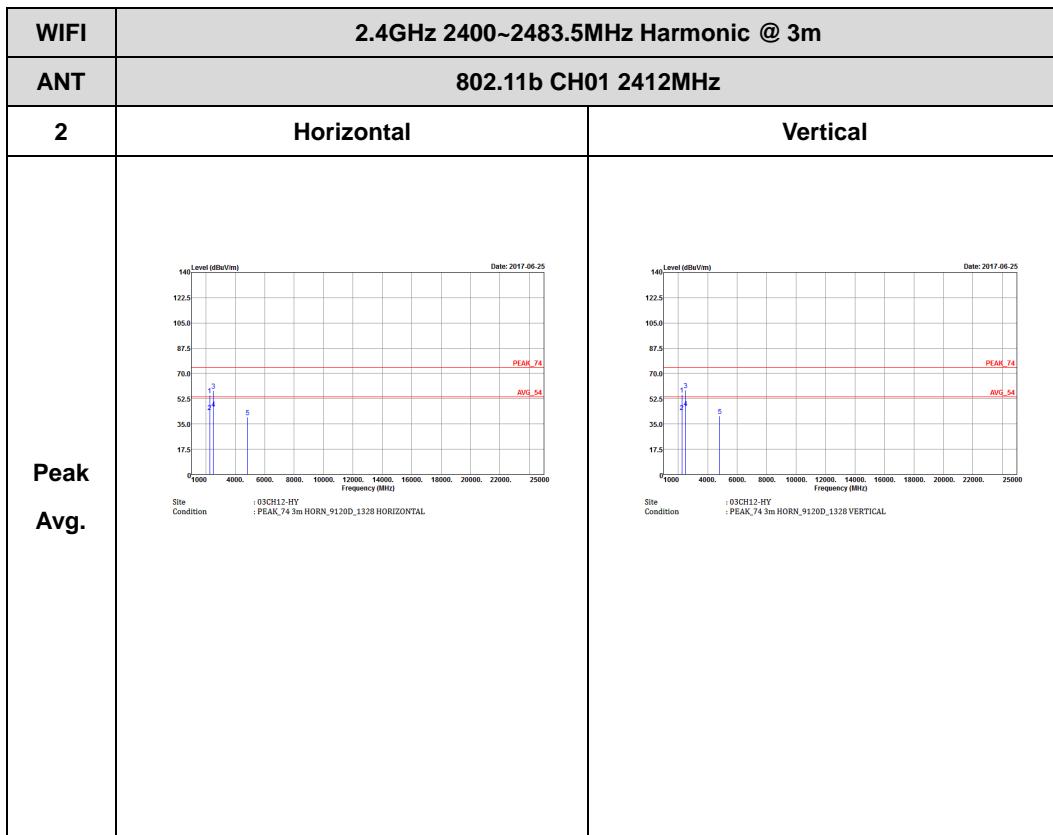


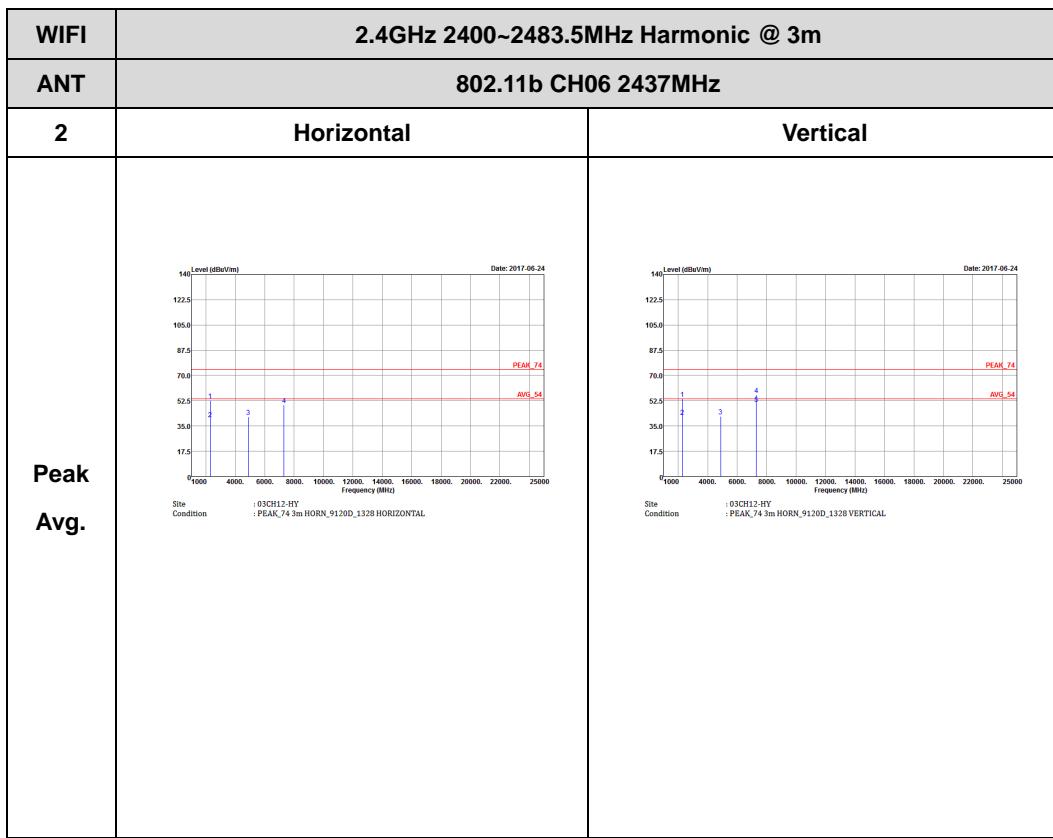


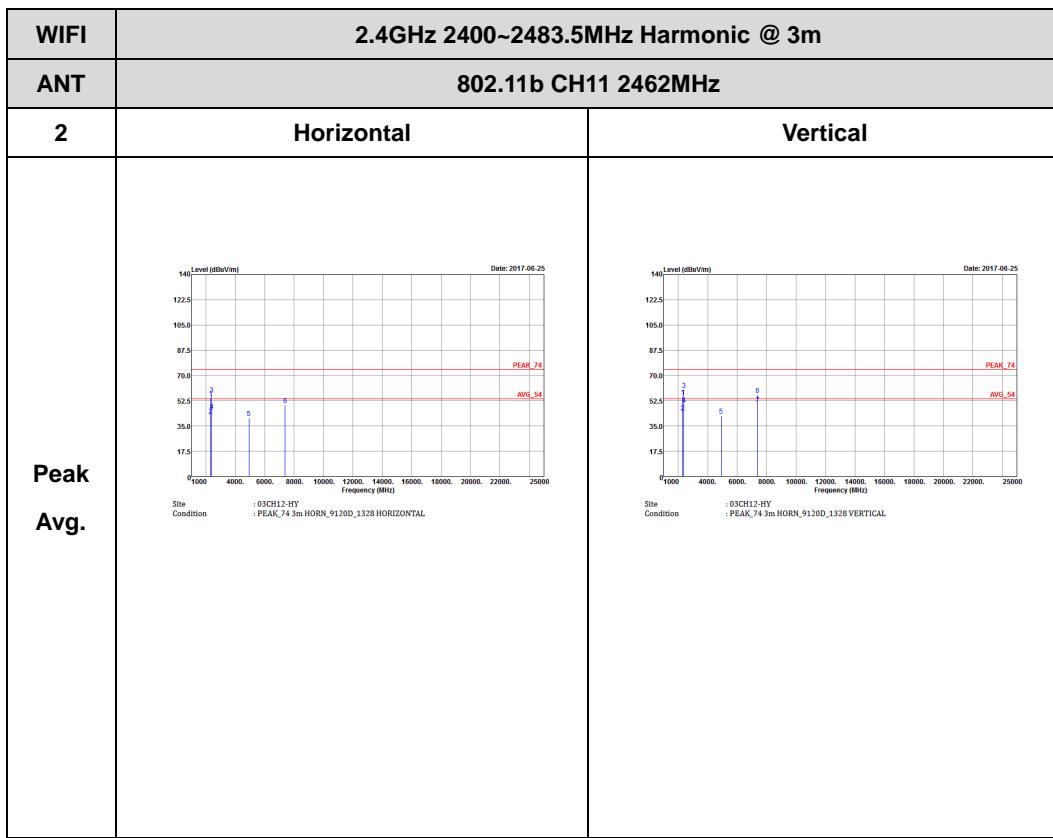


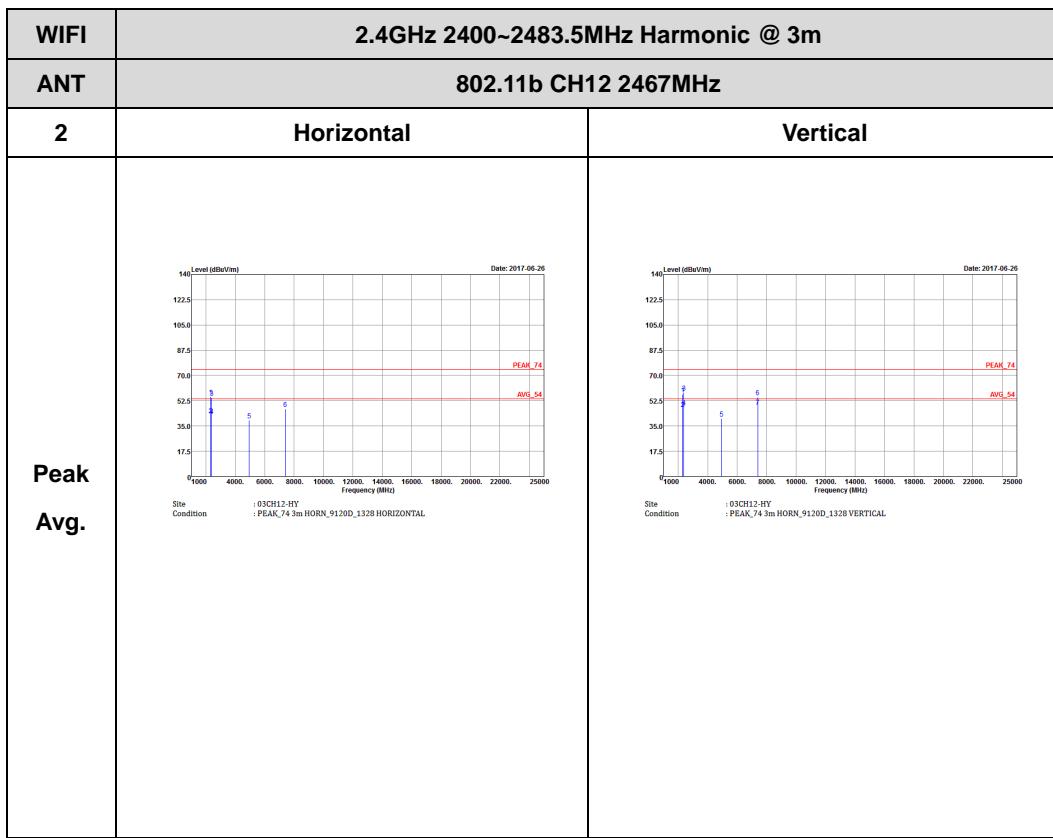
## 2.4GHz 2400~2483.5MHz

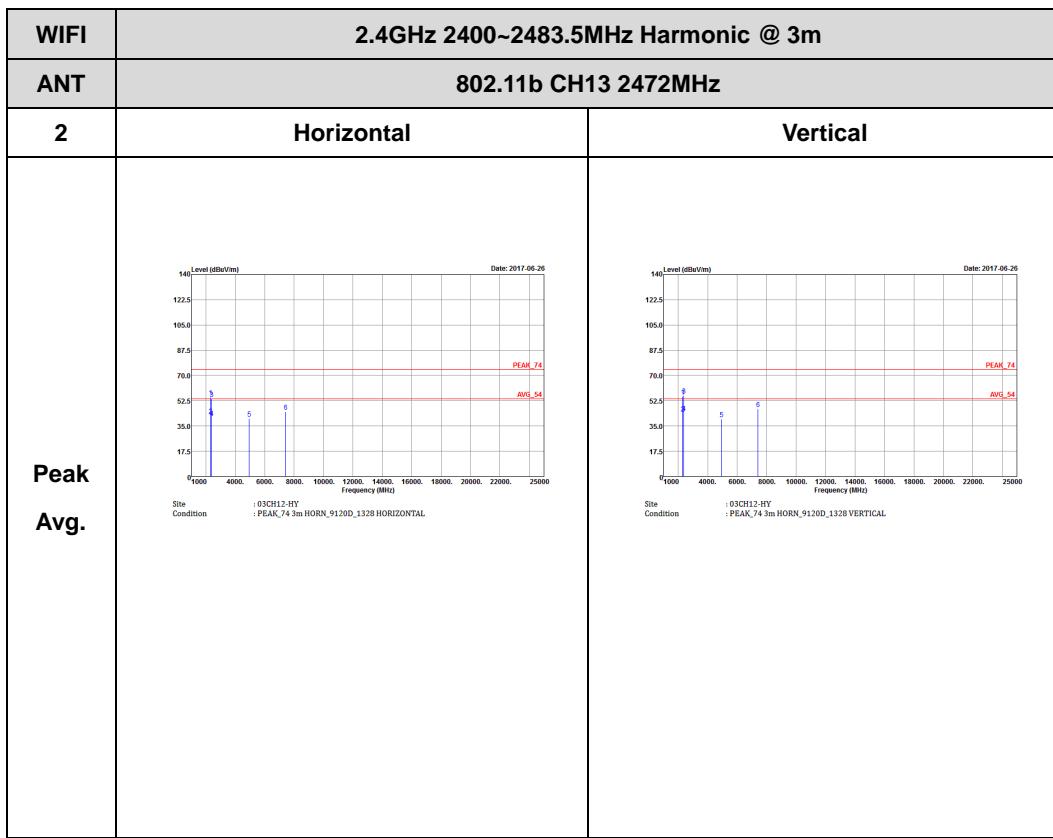
## WIFI 802.11b (Harmonic @ 3m)







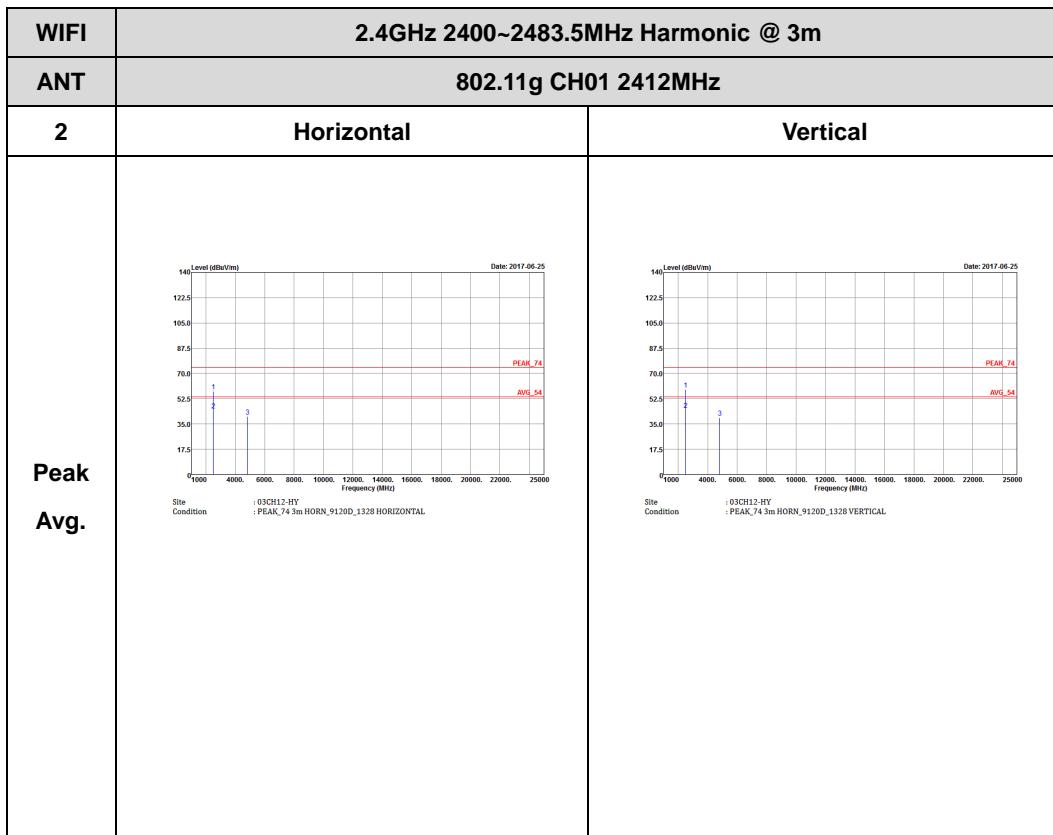


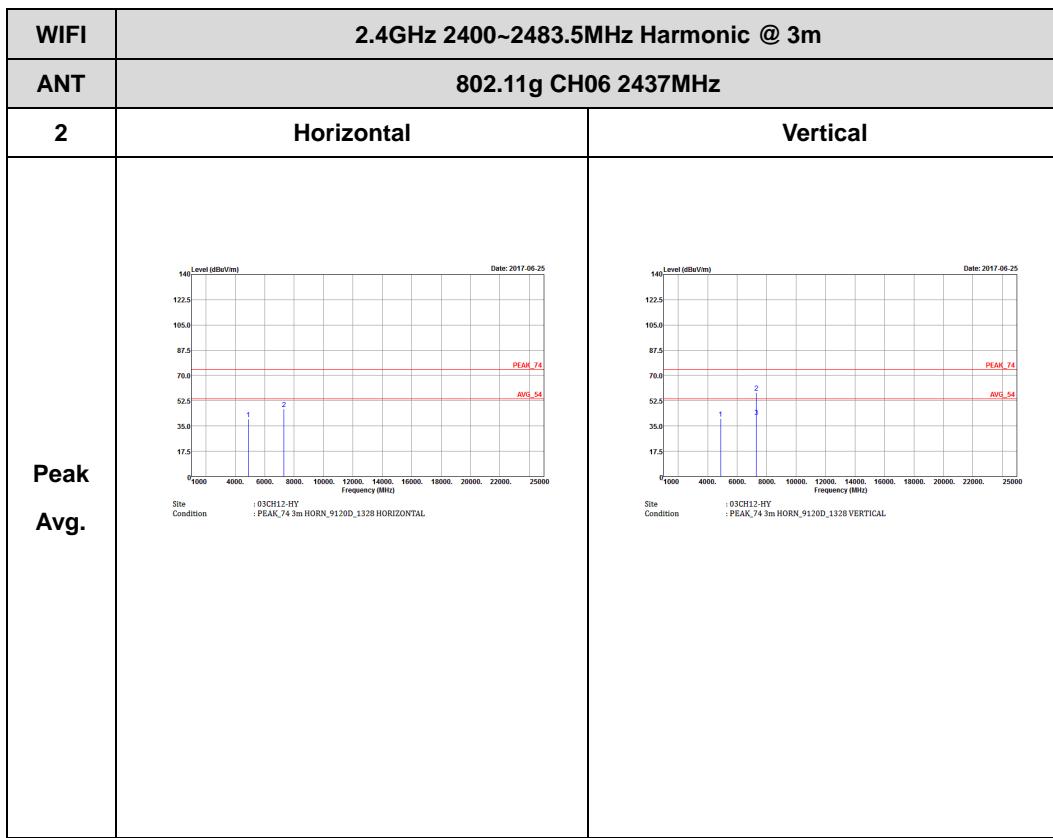


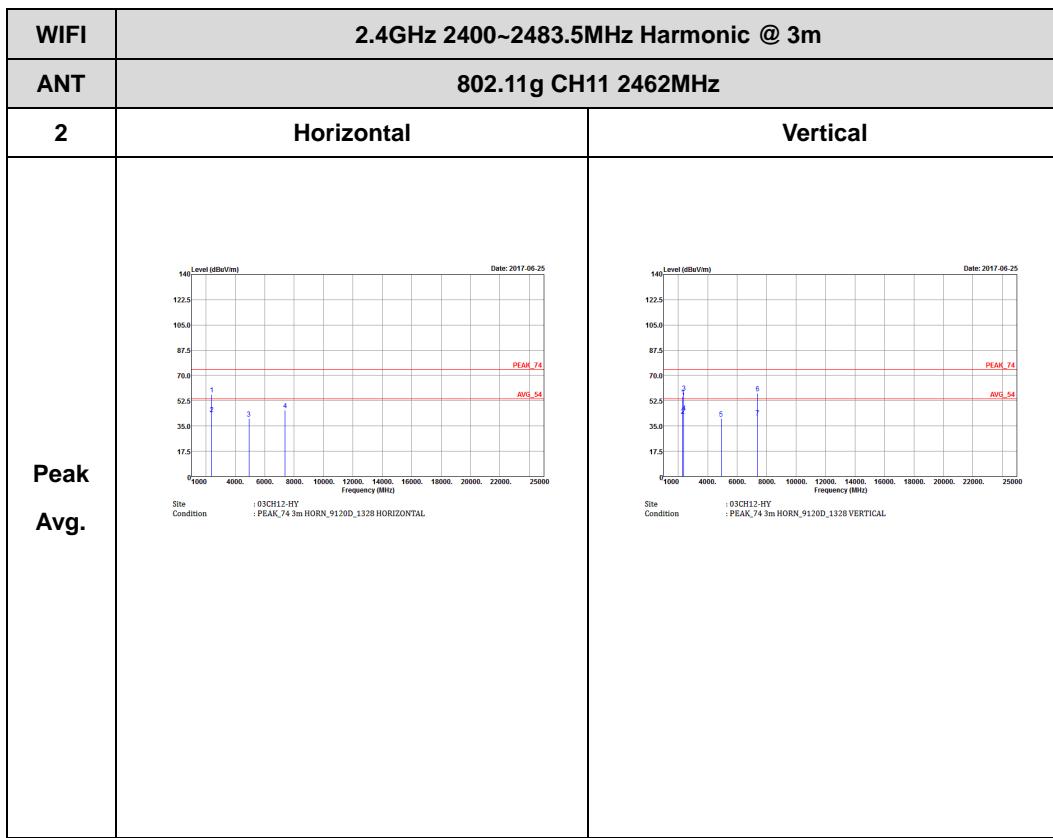


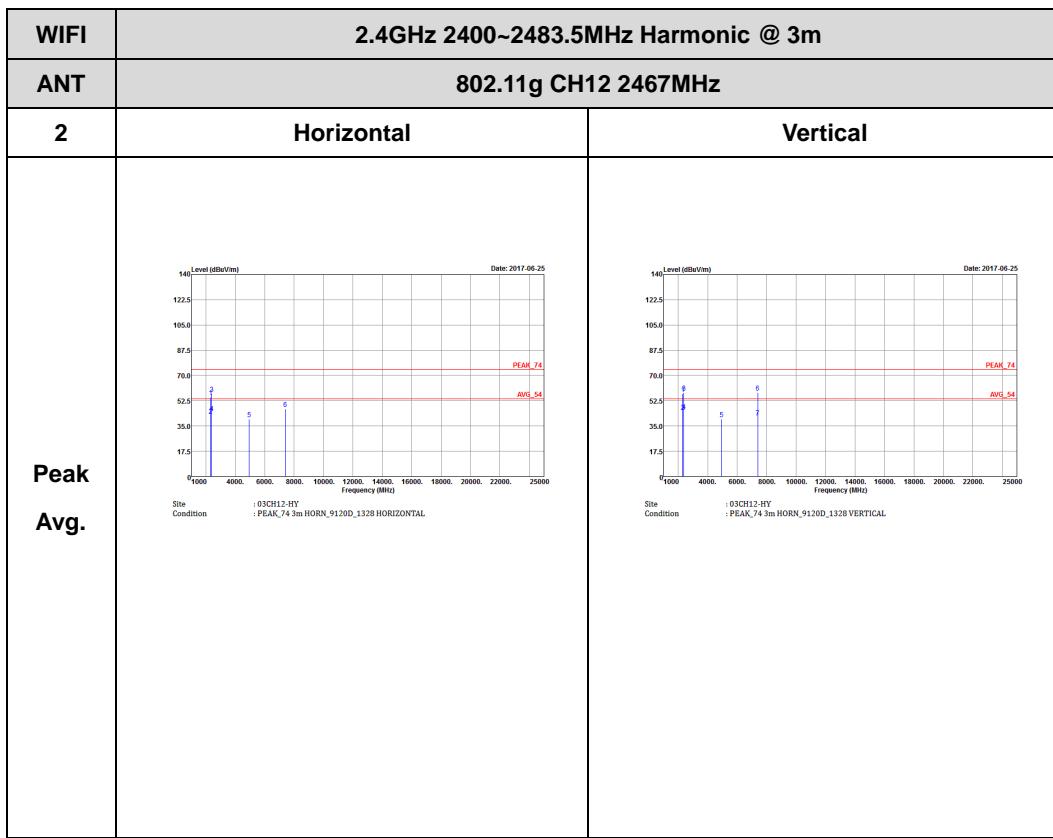
## 2.4GHz 2400~2483.5MHz

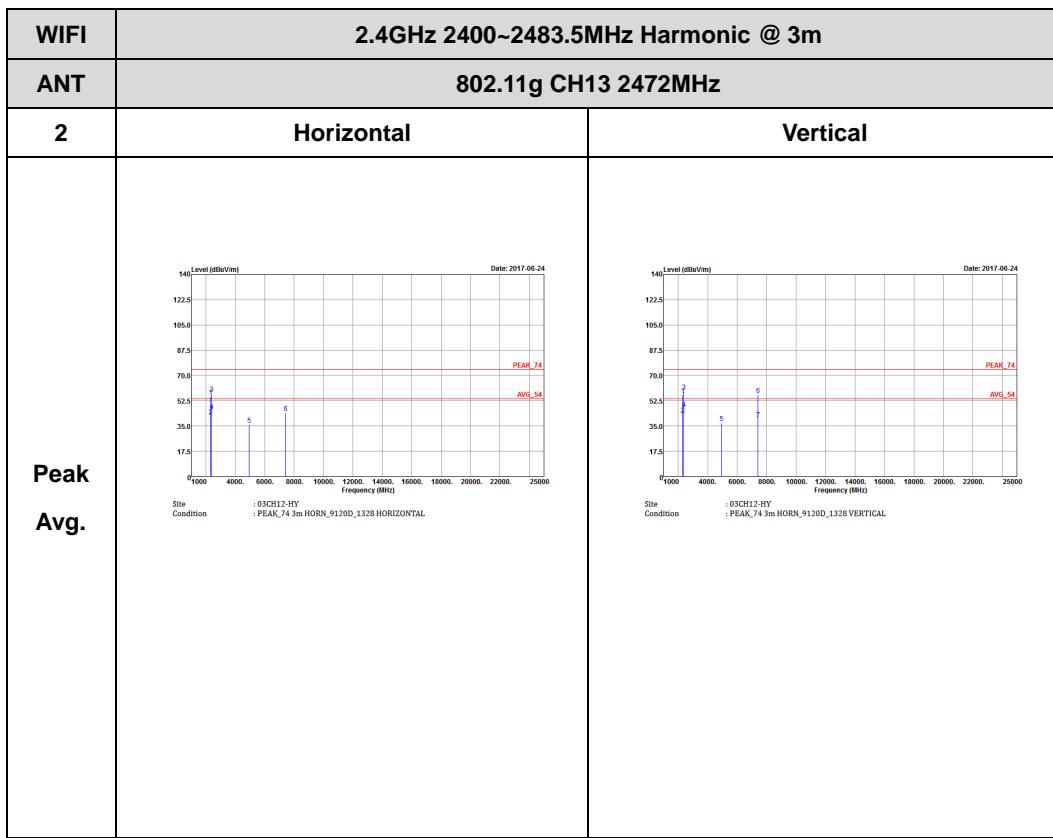
## WIFI 802.11g (Harmonic @ 3m)







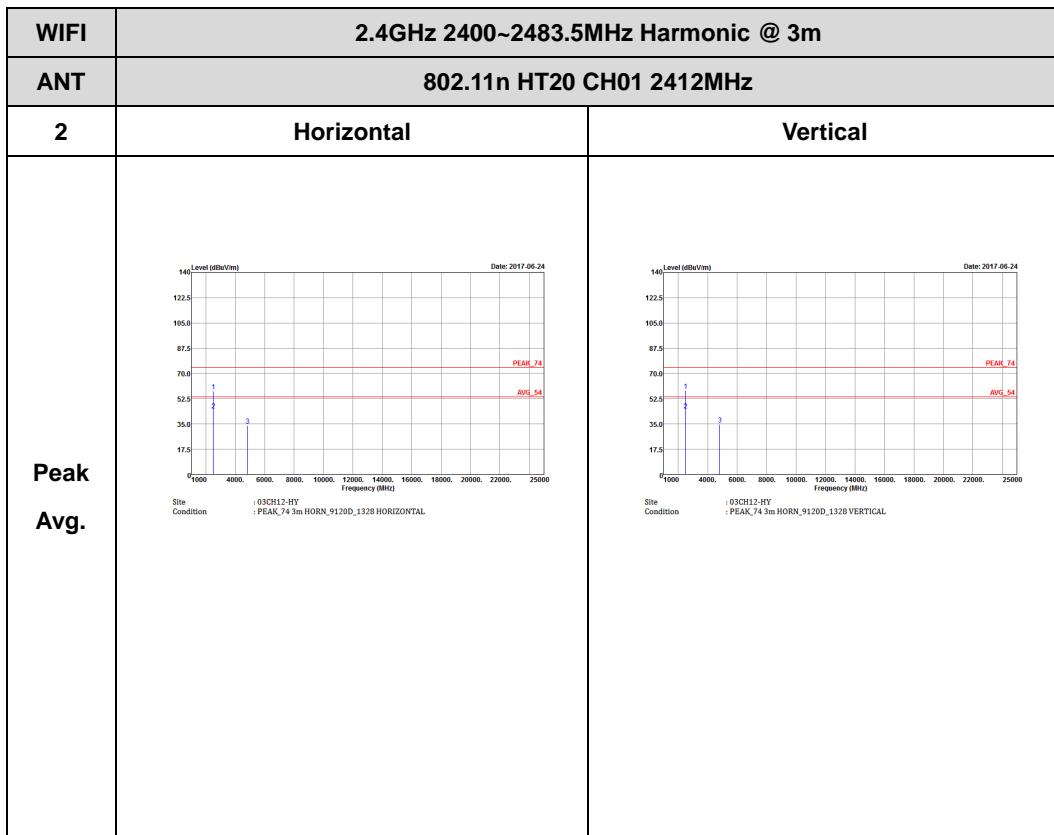


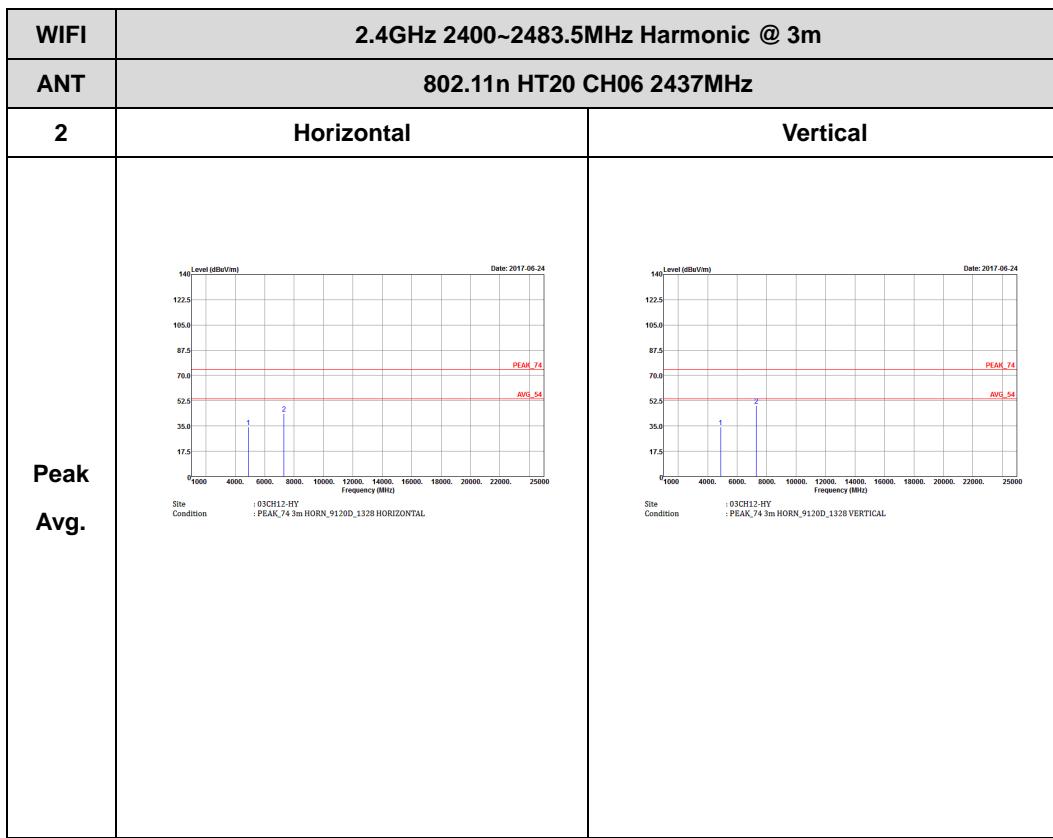


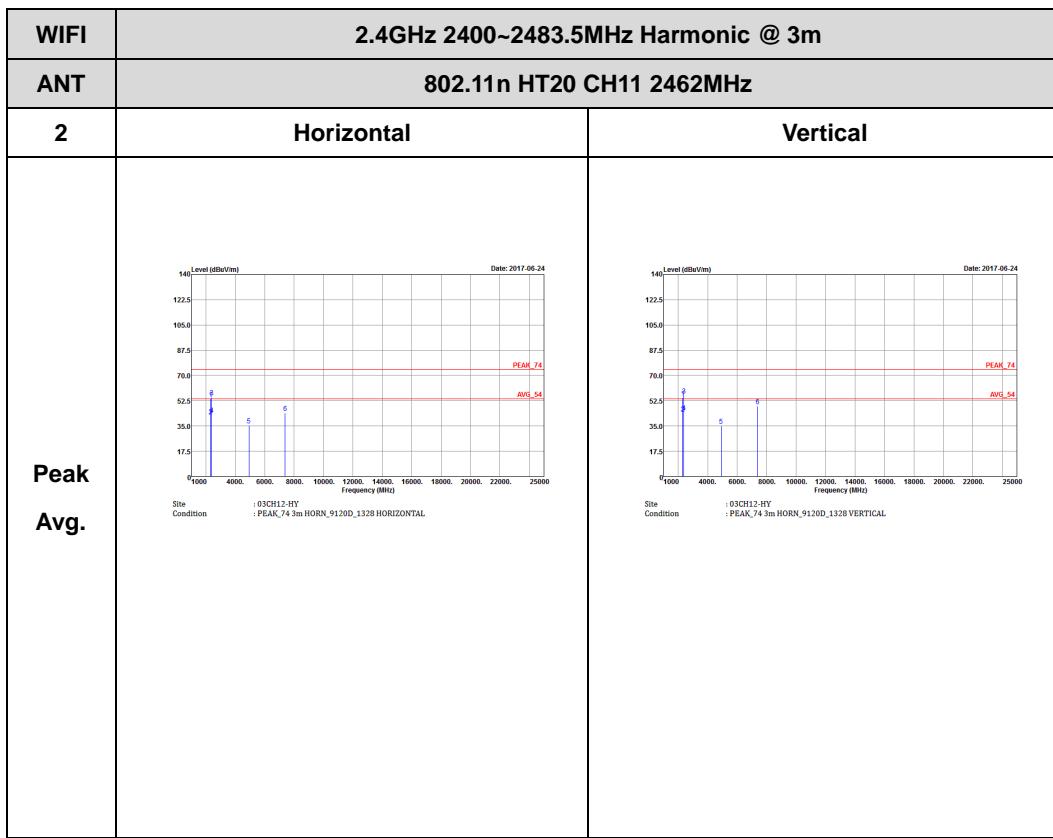


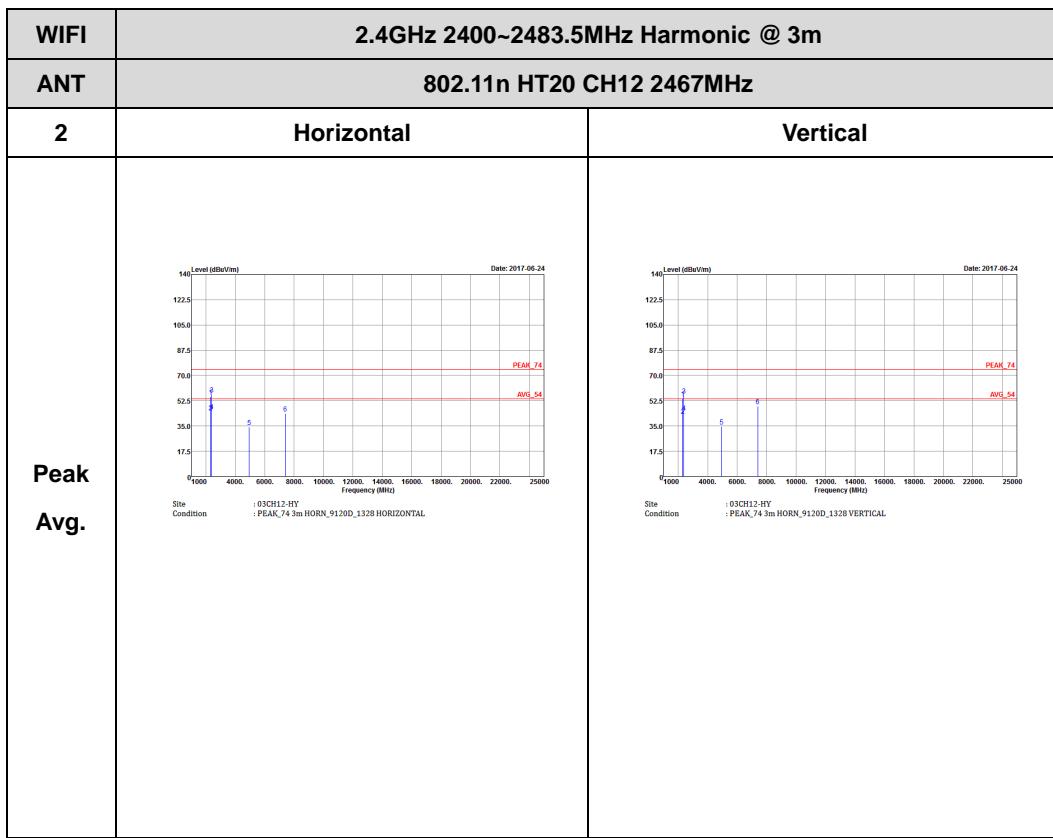
2.4GHz 2400~2483.5MHz

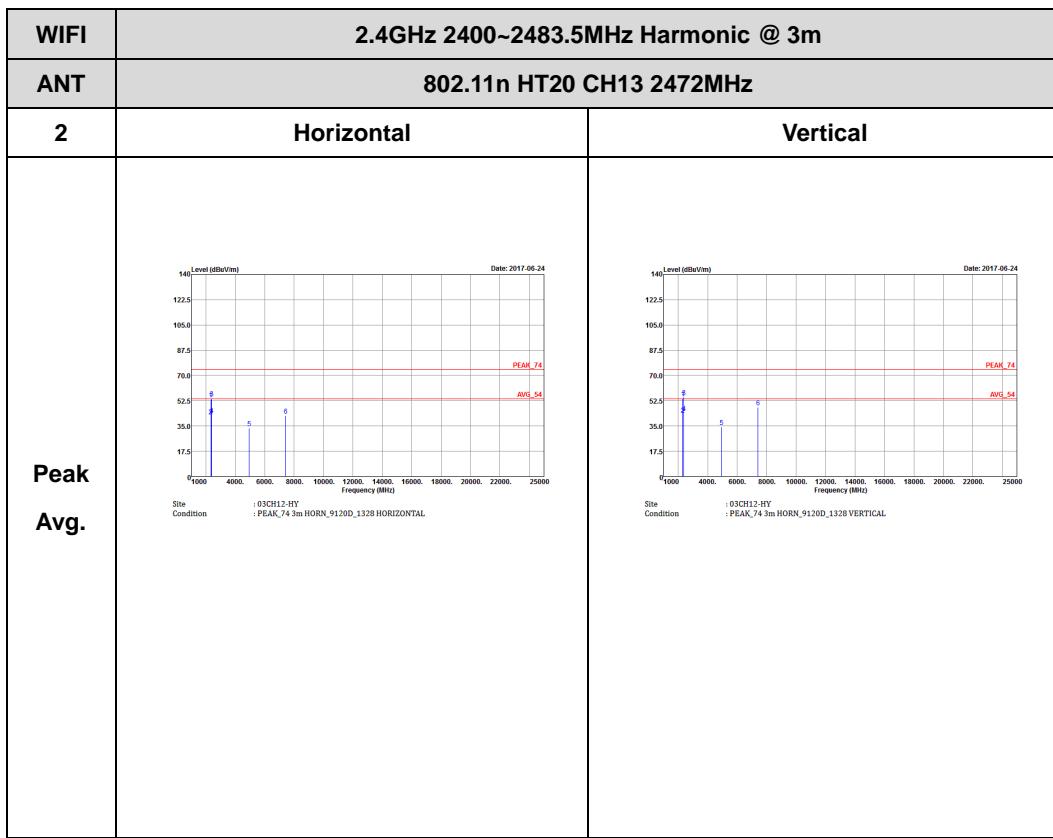
## WIFI 802.11n HT20 (Harmonic @ 3m)







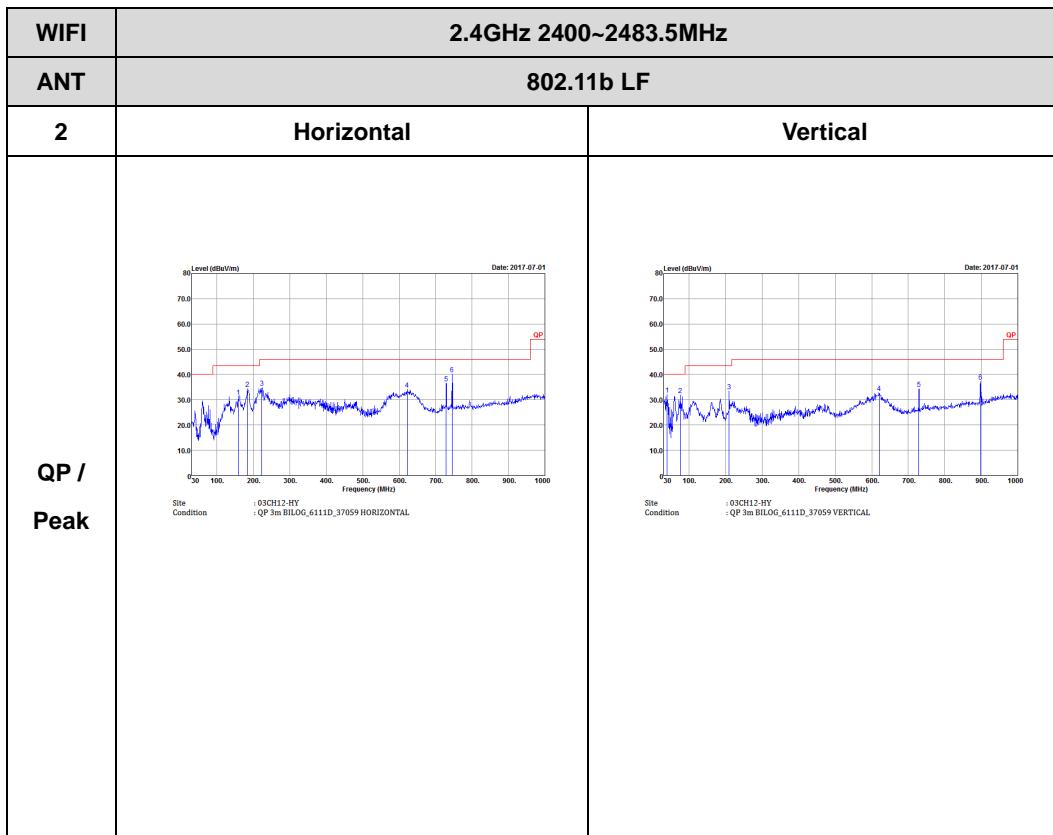






## Emission below 1GHz

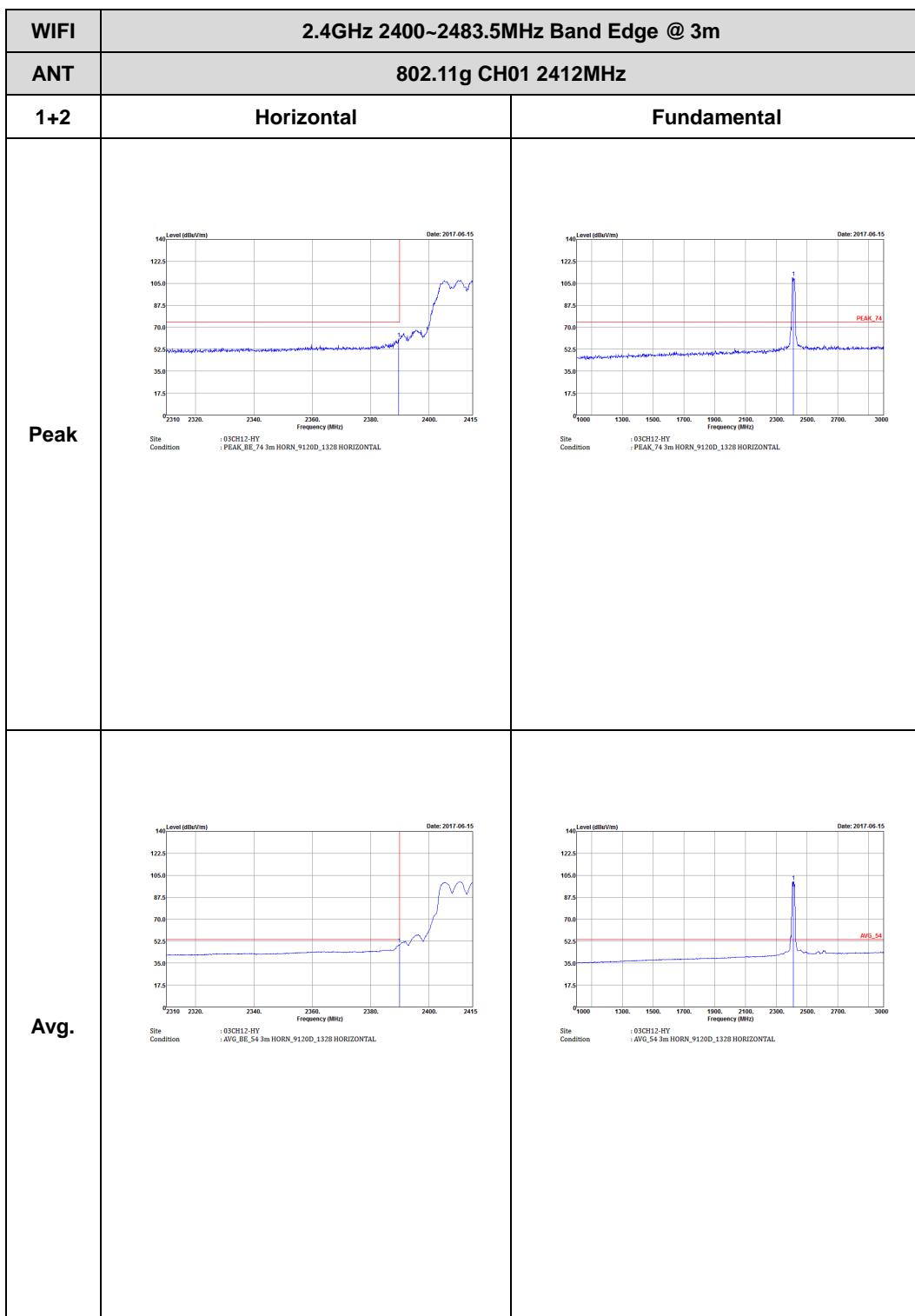
## 2.4GHz WIFI 802.11b (LF)

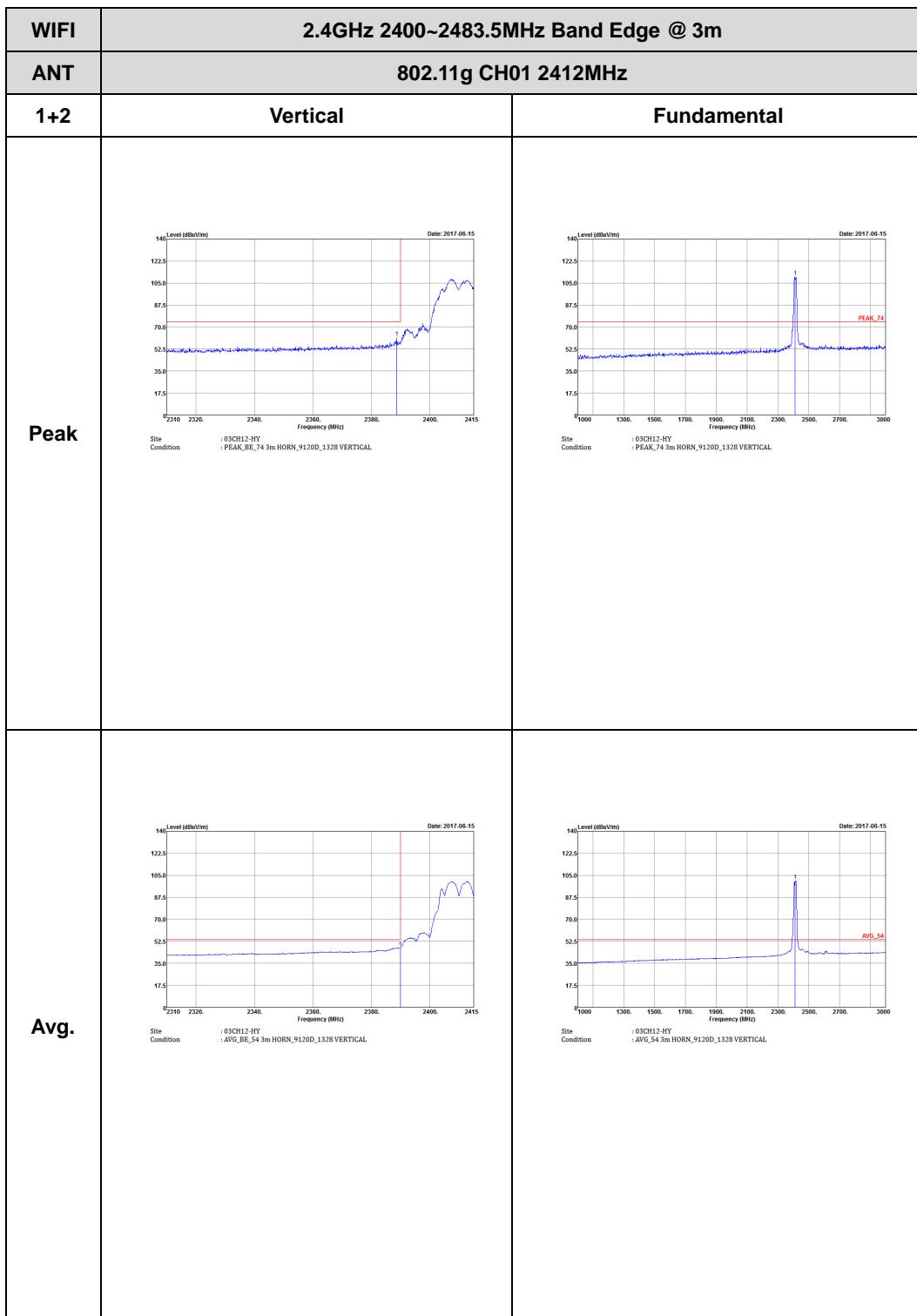


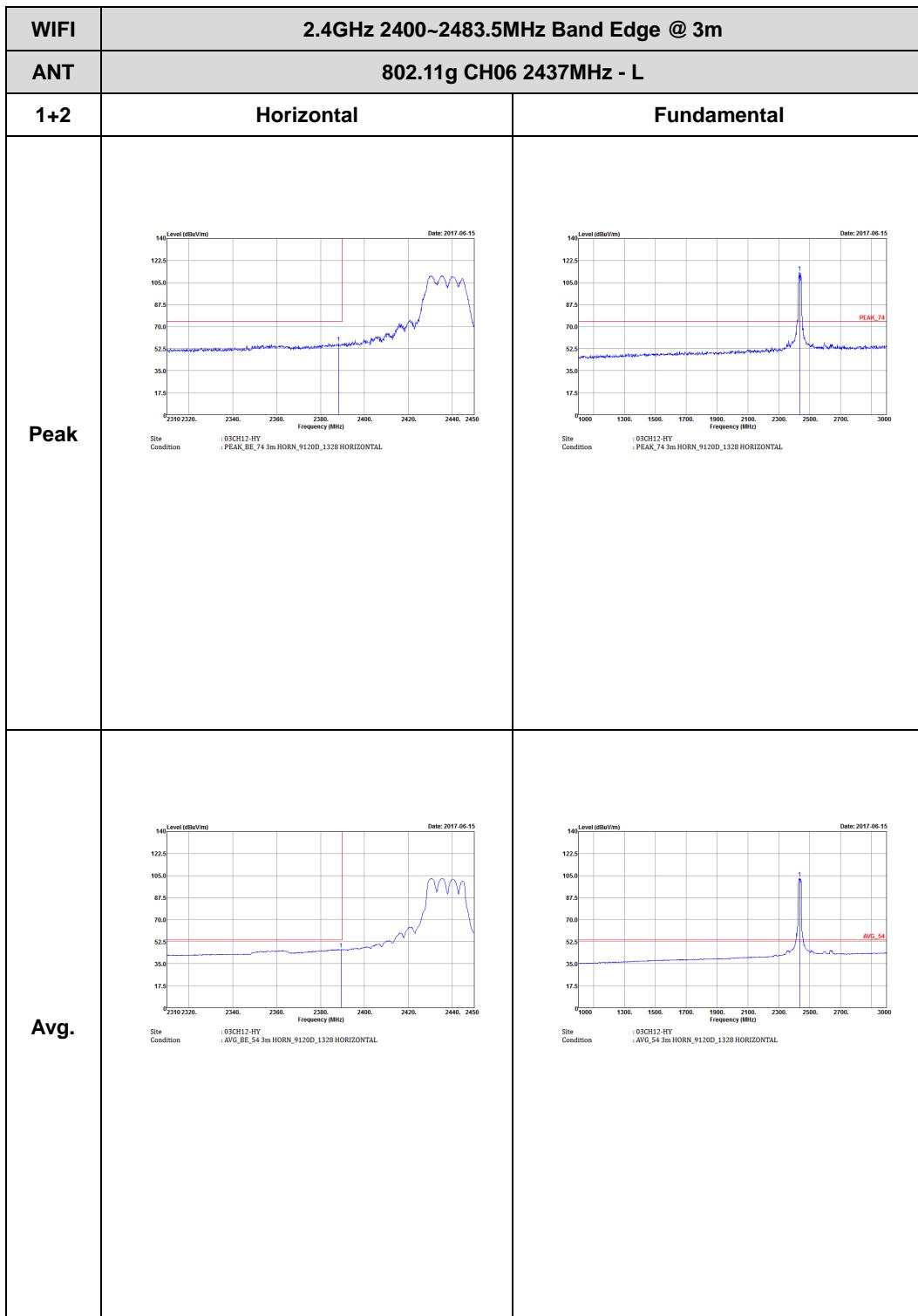


## 2.4GHz 2400~2483.5MHz

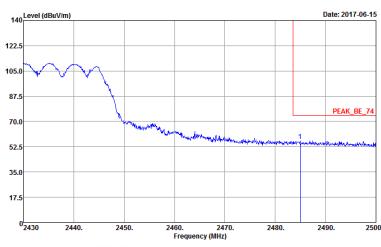
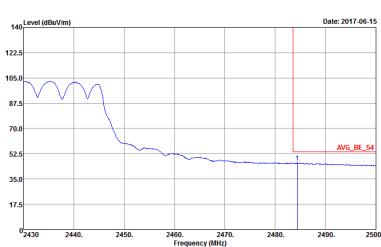
## WIFI 802.11g (Band Edge @ 3m)

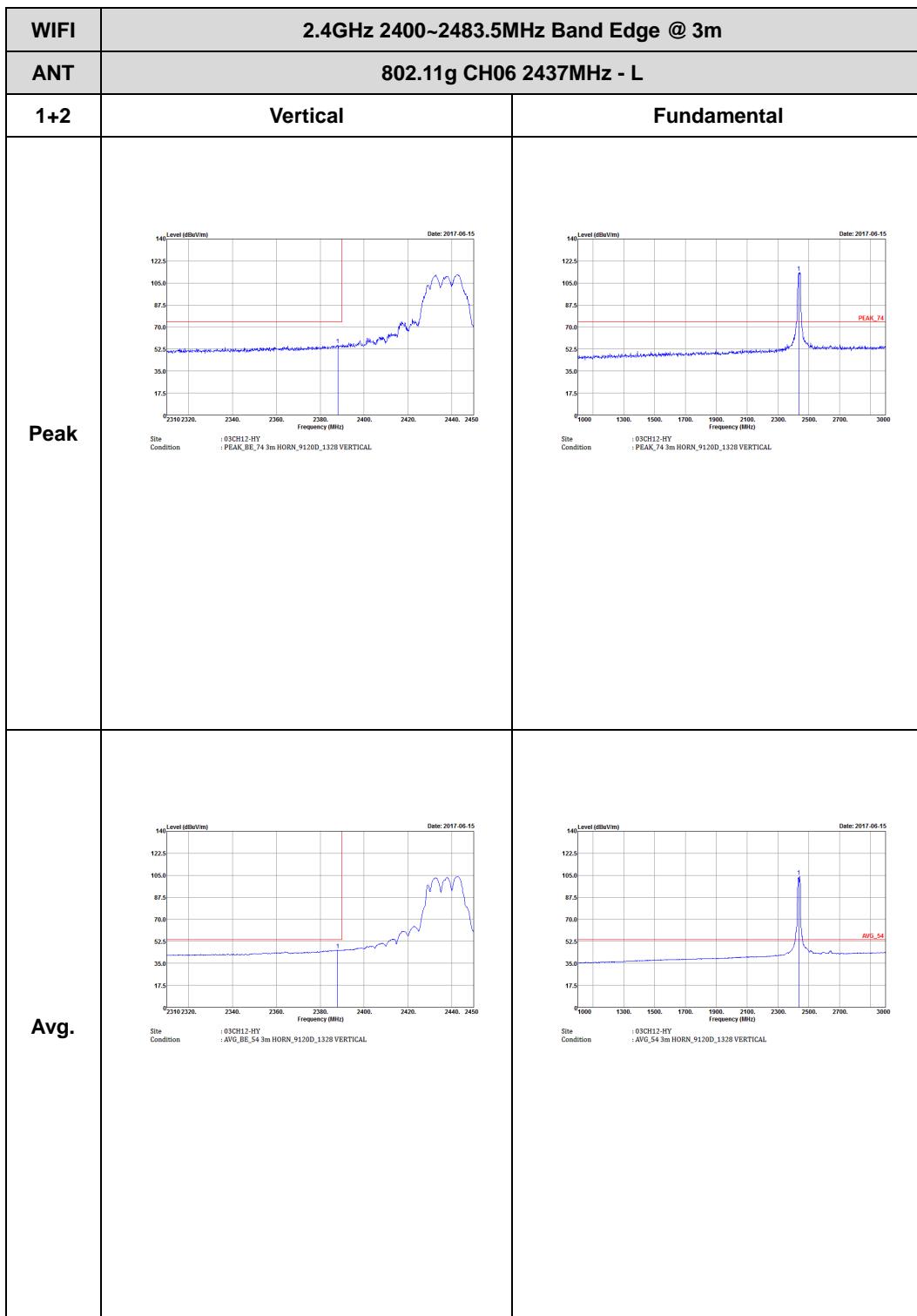




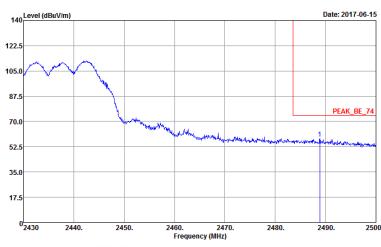
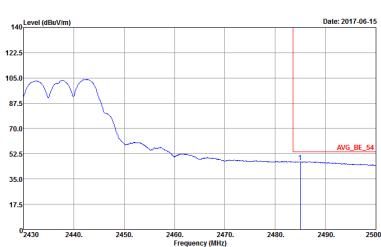


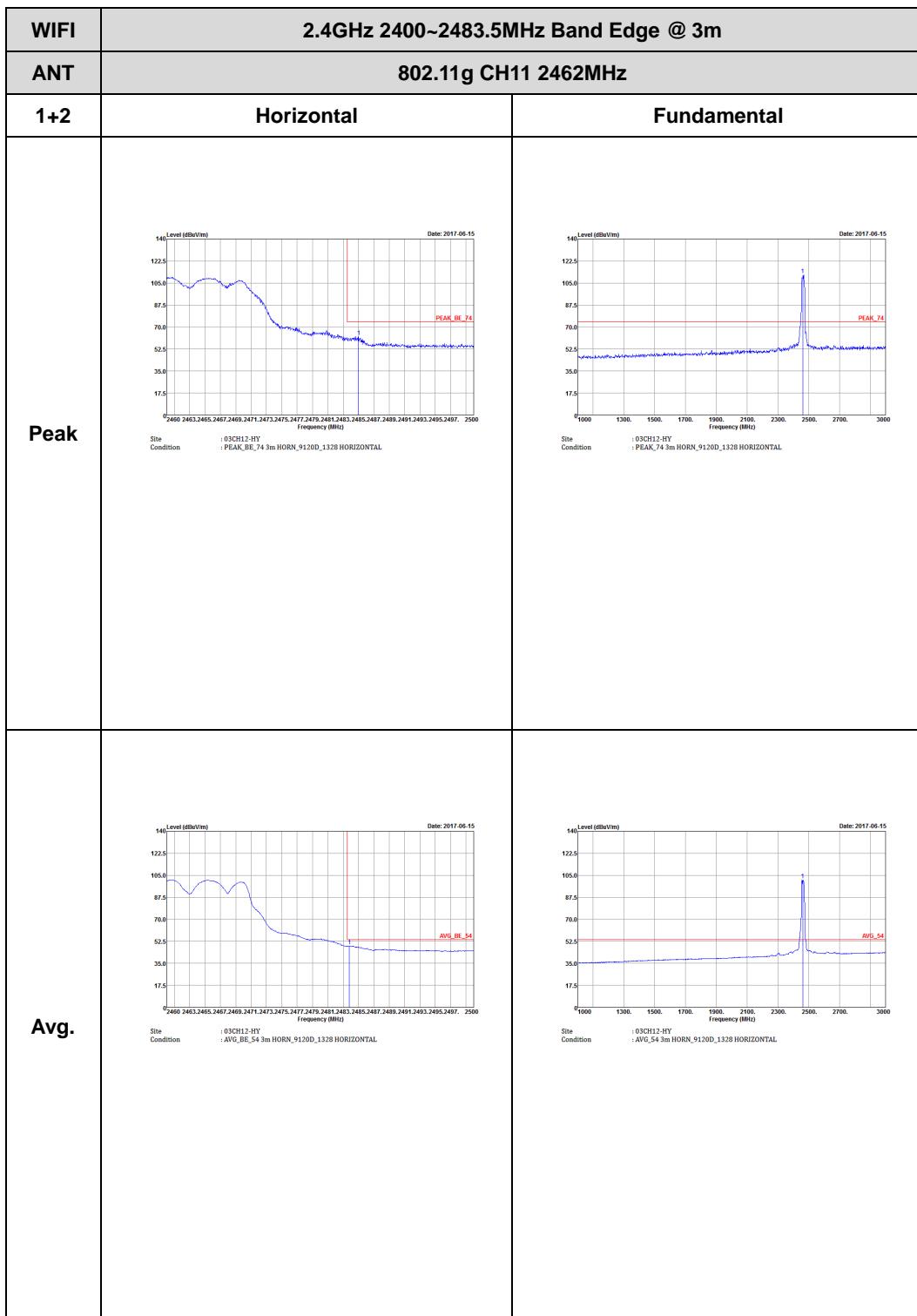


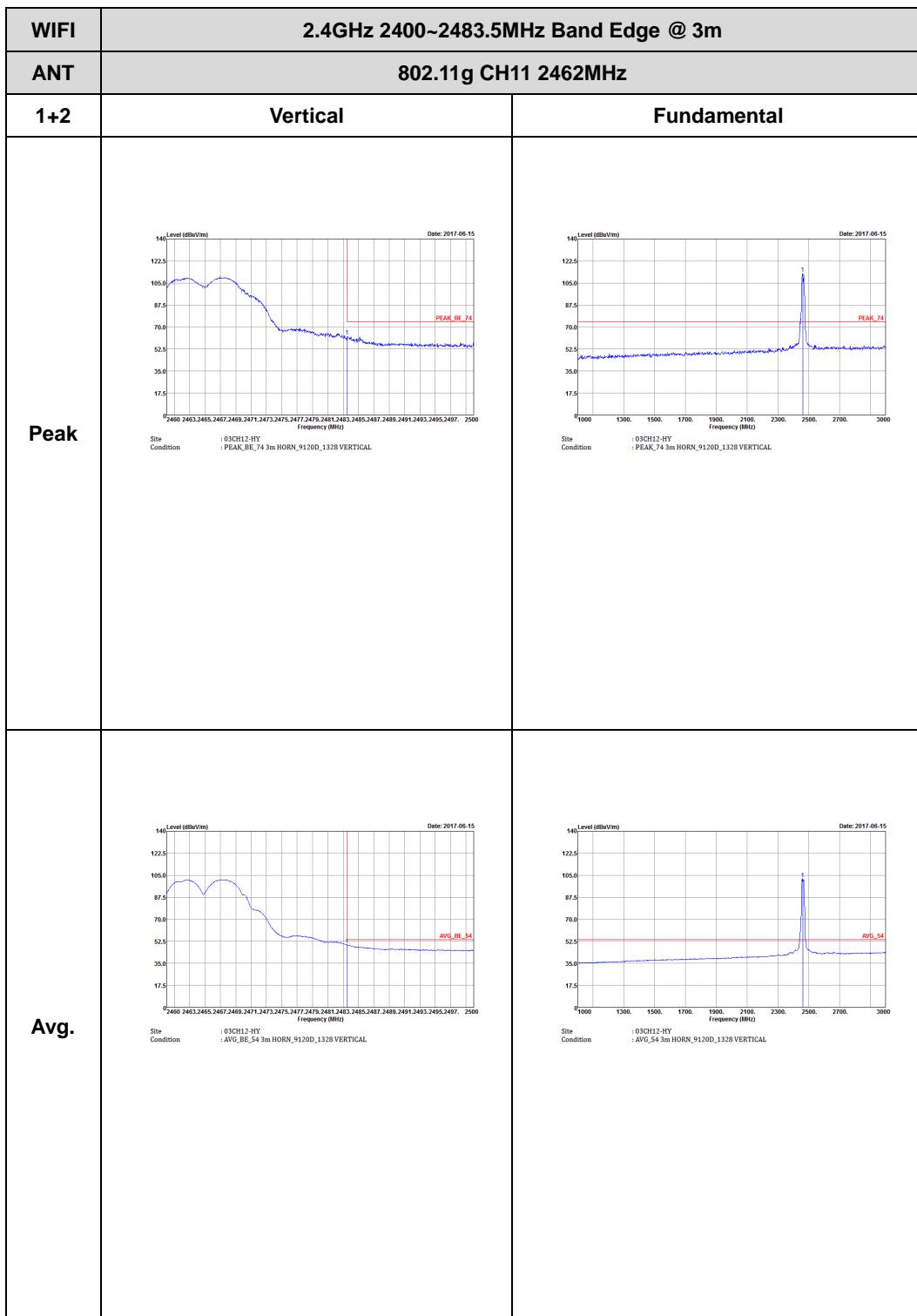
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL</p>	Left blank
Avg.	 <p>Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL</p>	Left blank

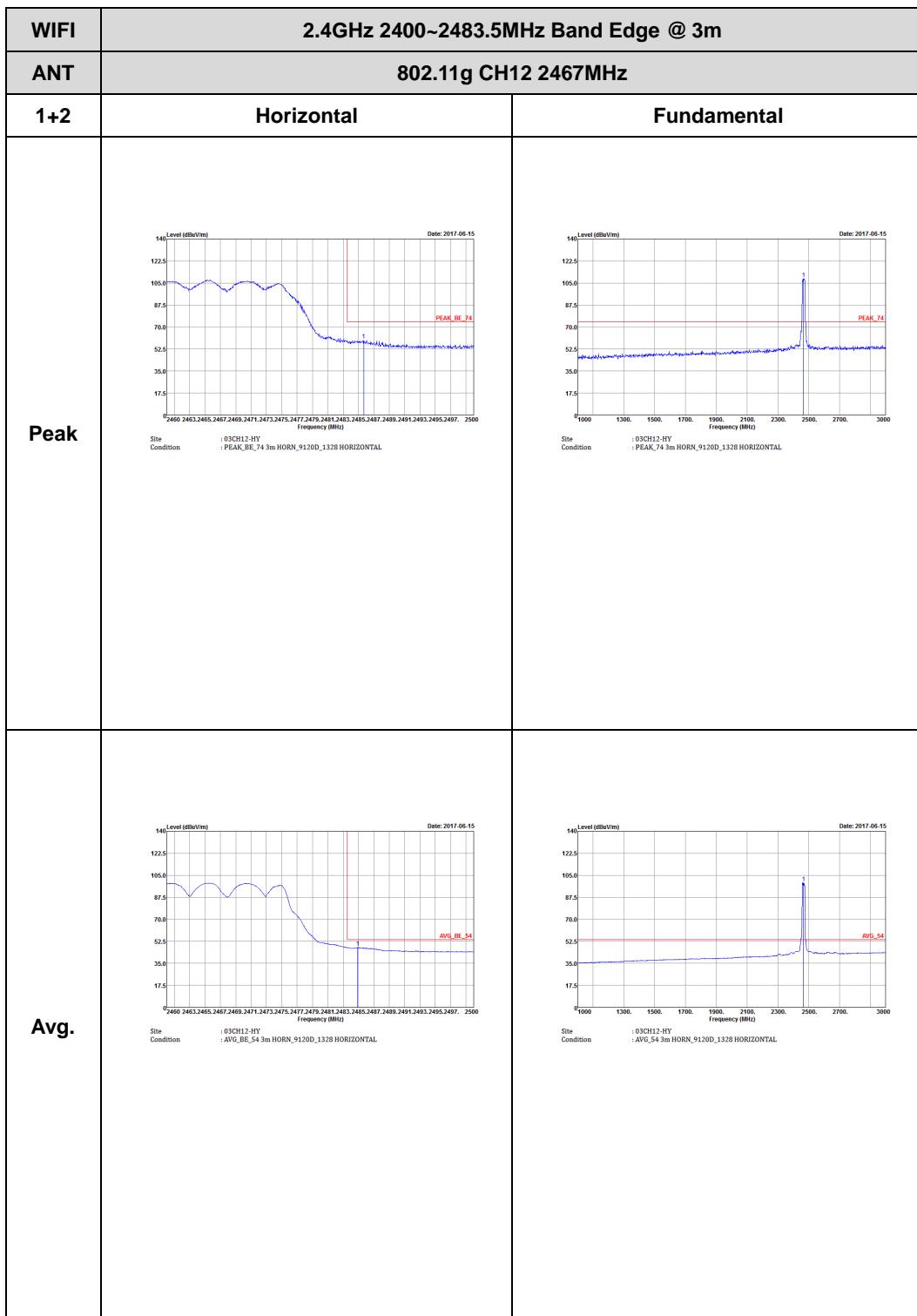


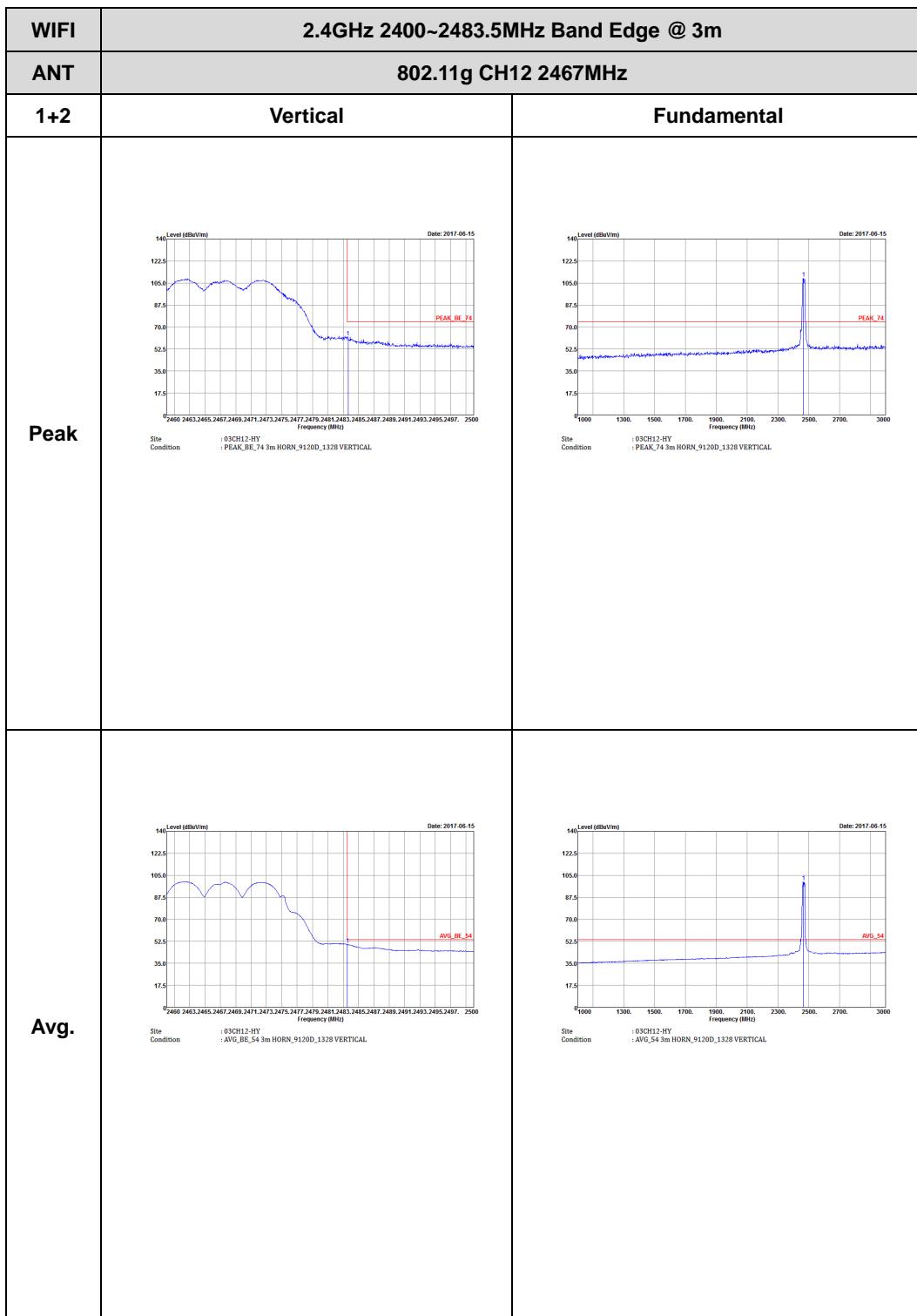


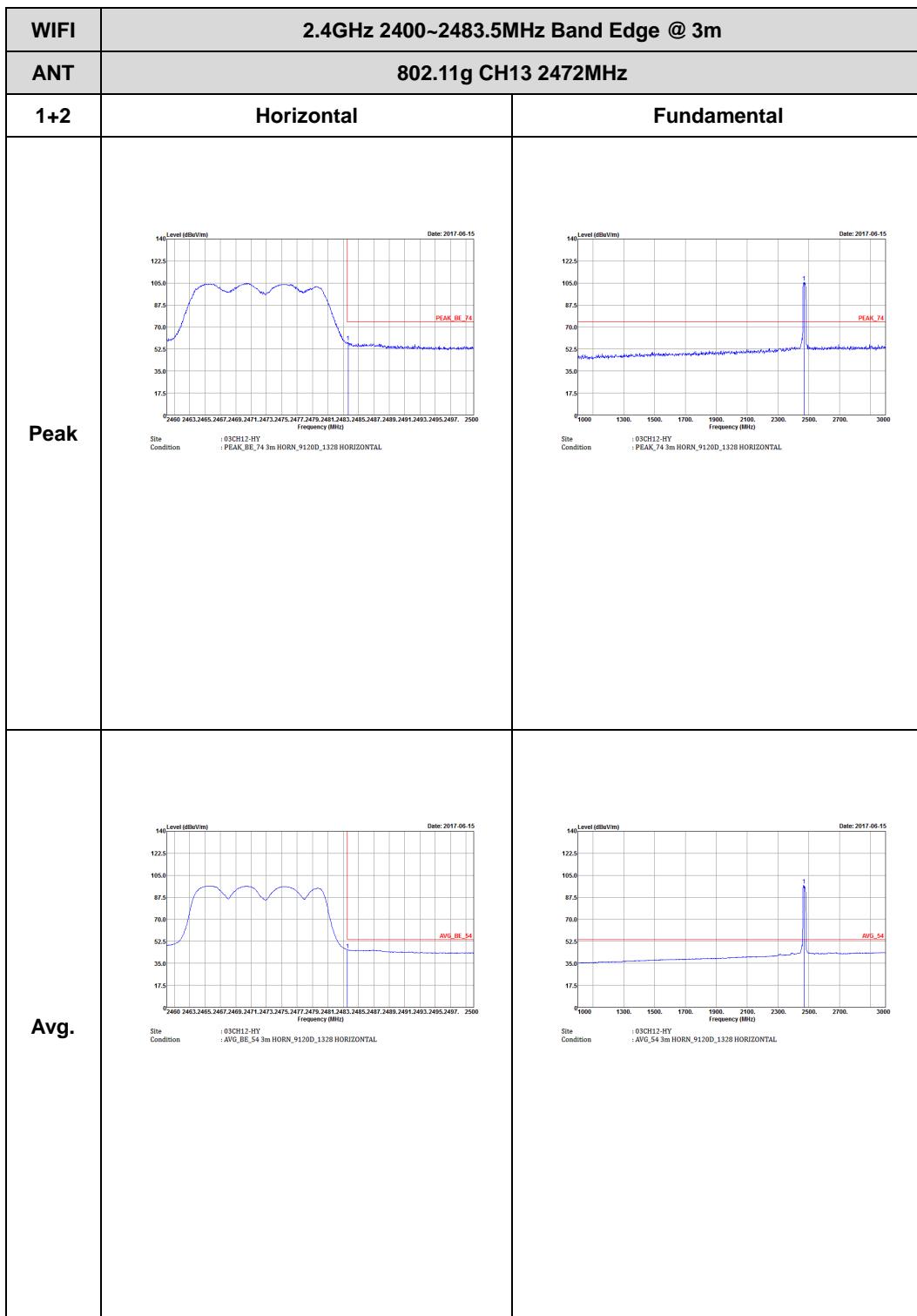
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN, 9120D, 1328 VERTICAL.	Left Blank
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN, 9120D, 1328 VERTICAL.	Left Blank

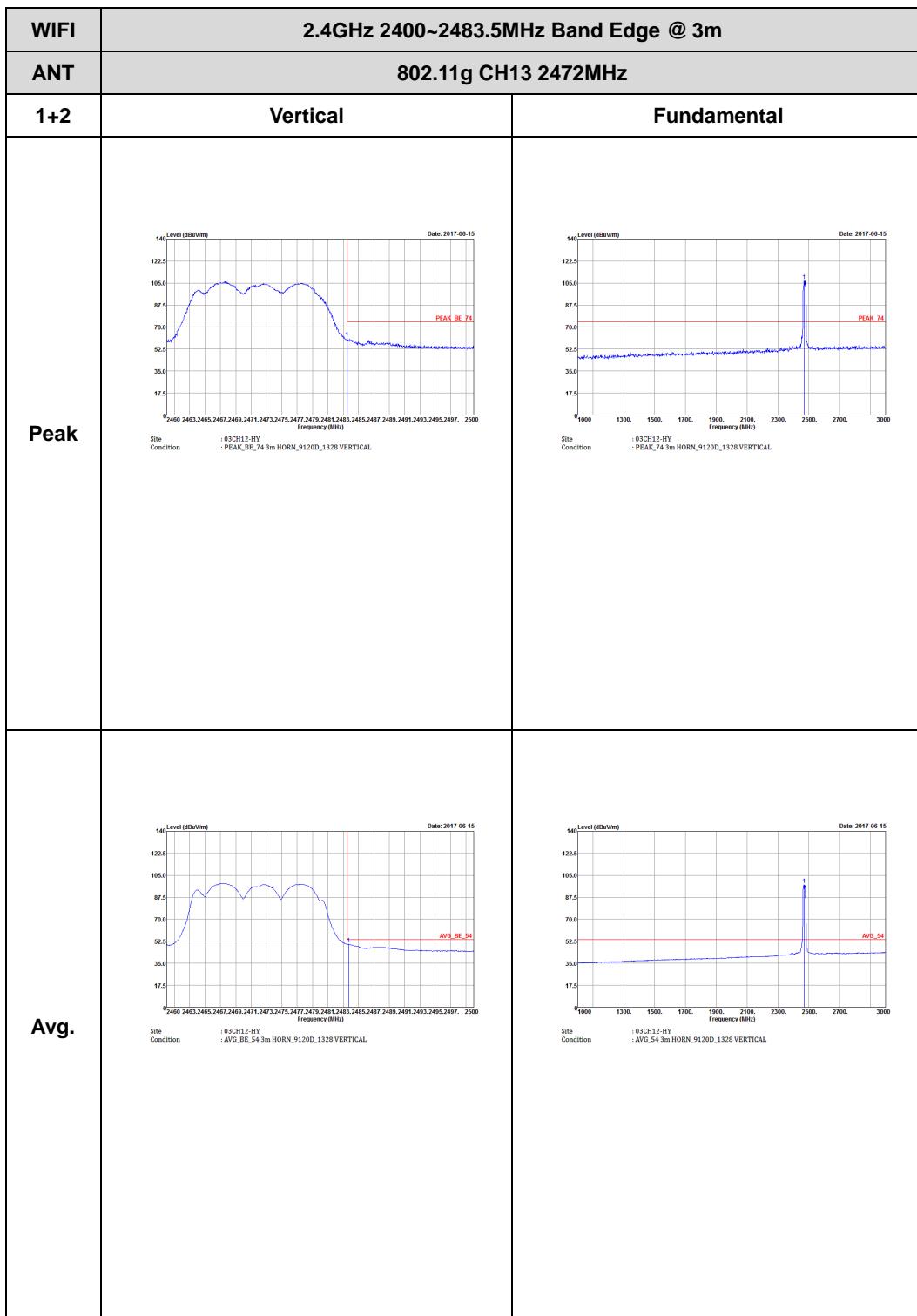








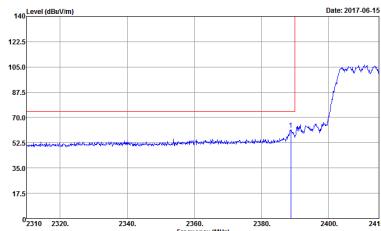
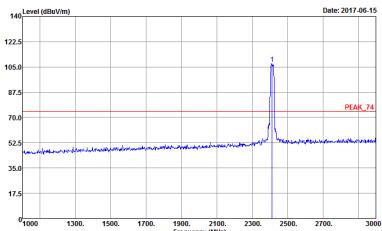
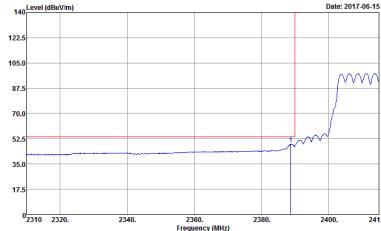
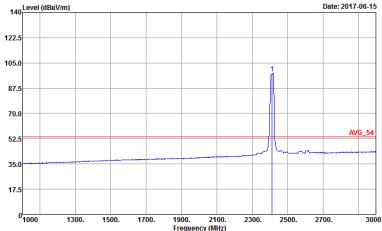


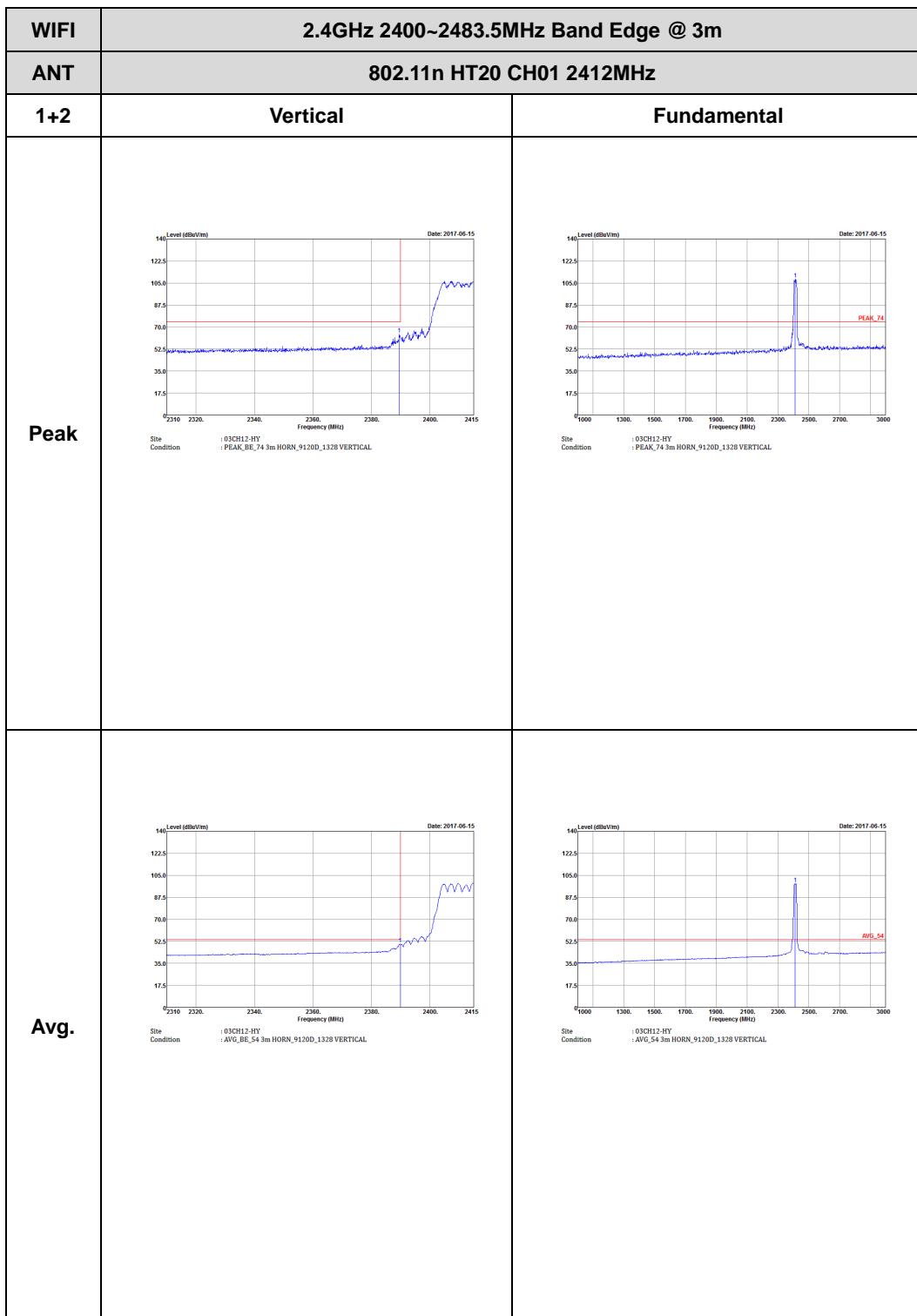


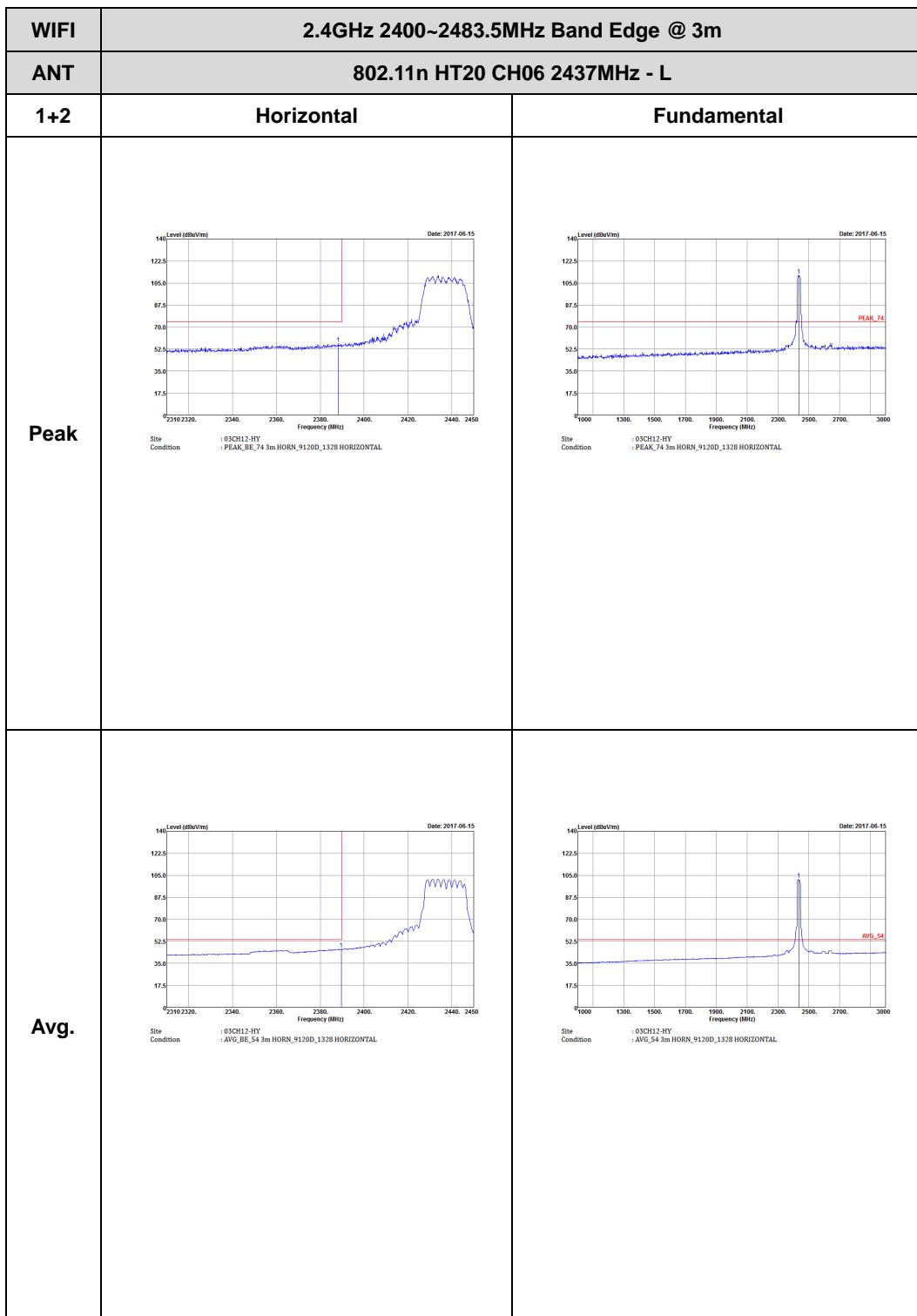


## 2.4GHz 2400~2483.5MHz

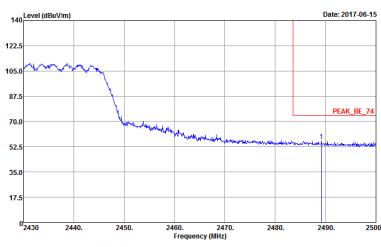
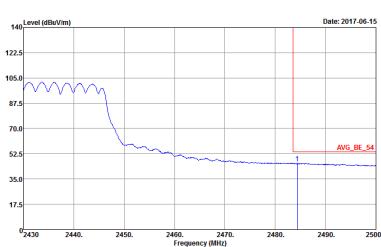
## WIFI 802.11n HT20 (Band Edge @ 3m)

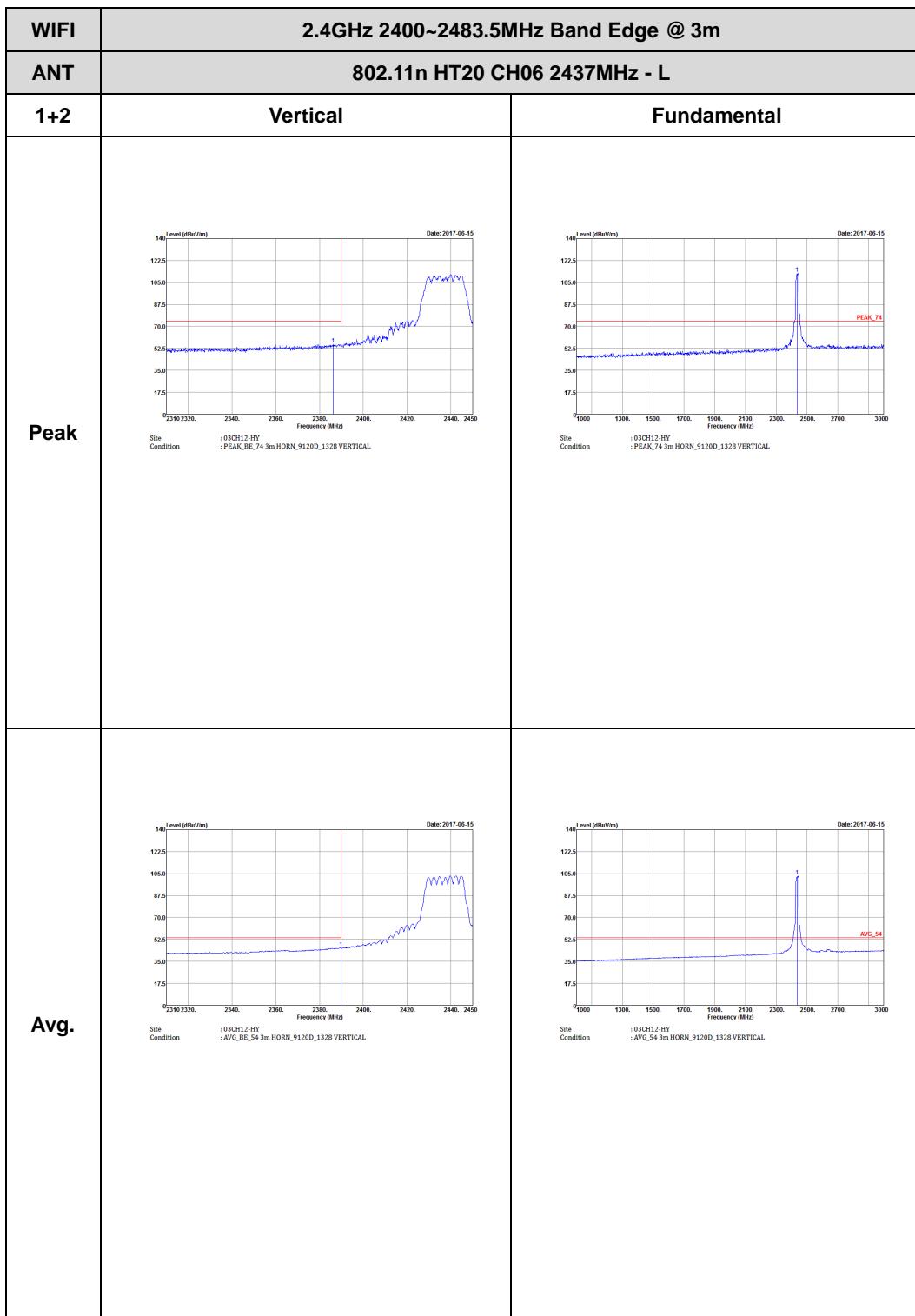
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74.3m HORN_9120D_1328 HORIZONTAL	 Site Condition : 03CH12-HY : PEAK 74.3m HORN_9120D_1328 HORIZONTAL
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54.3m HORN_9120D_1328 HORIZONTAL	 Site Condition : 03CH12-HY : AVG_54.3m HORN_9120D_1328 HORIZONTAL



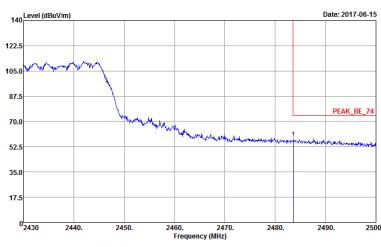
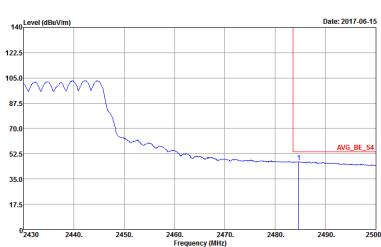


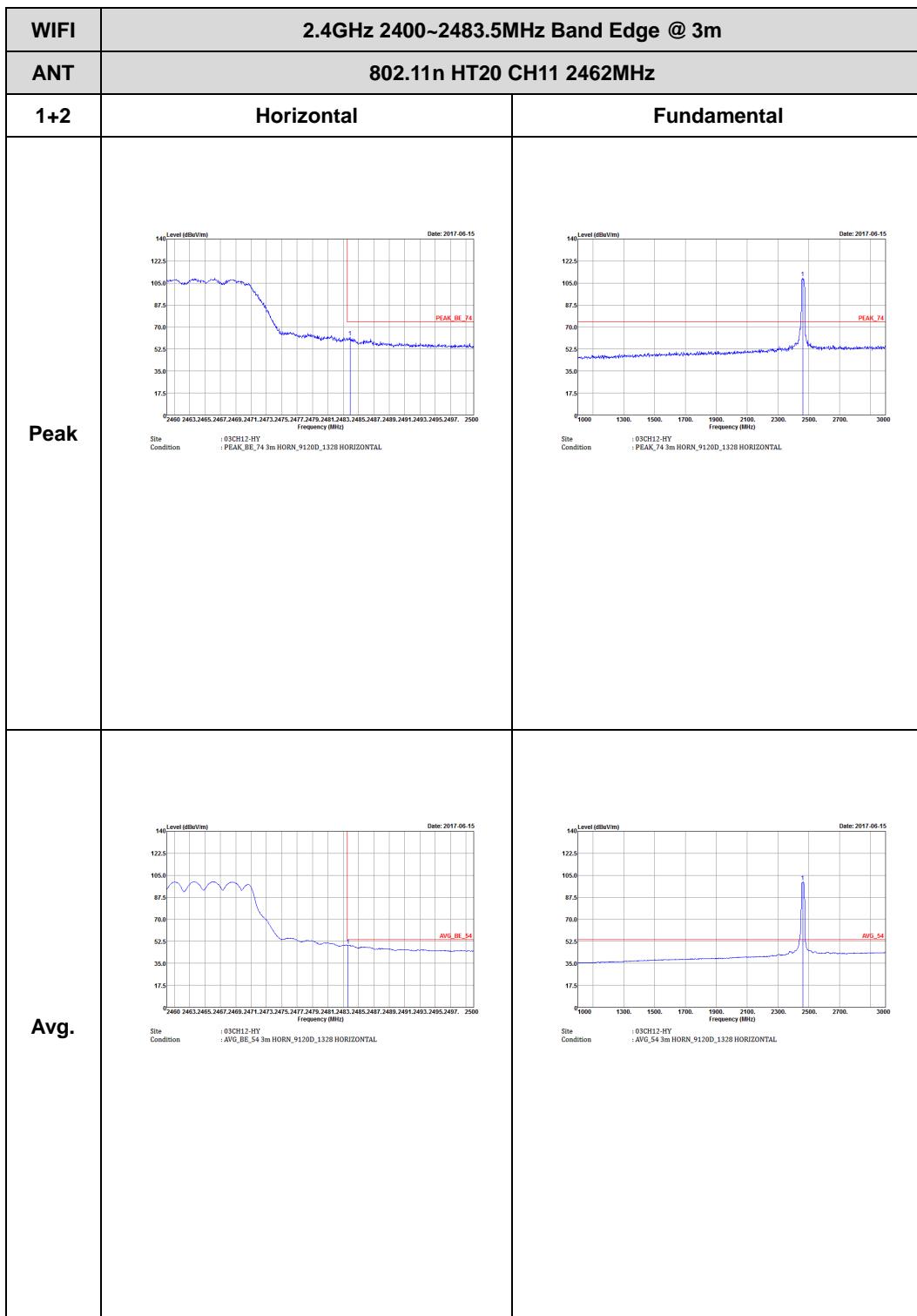


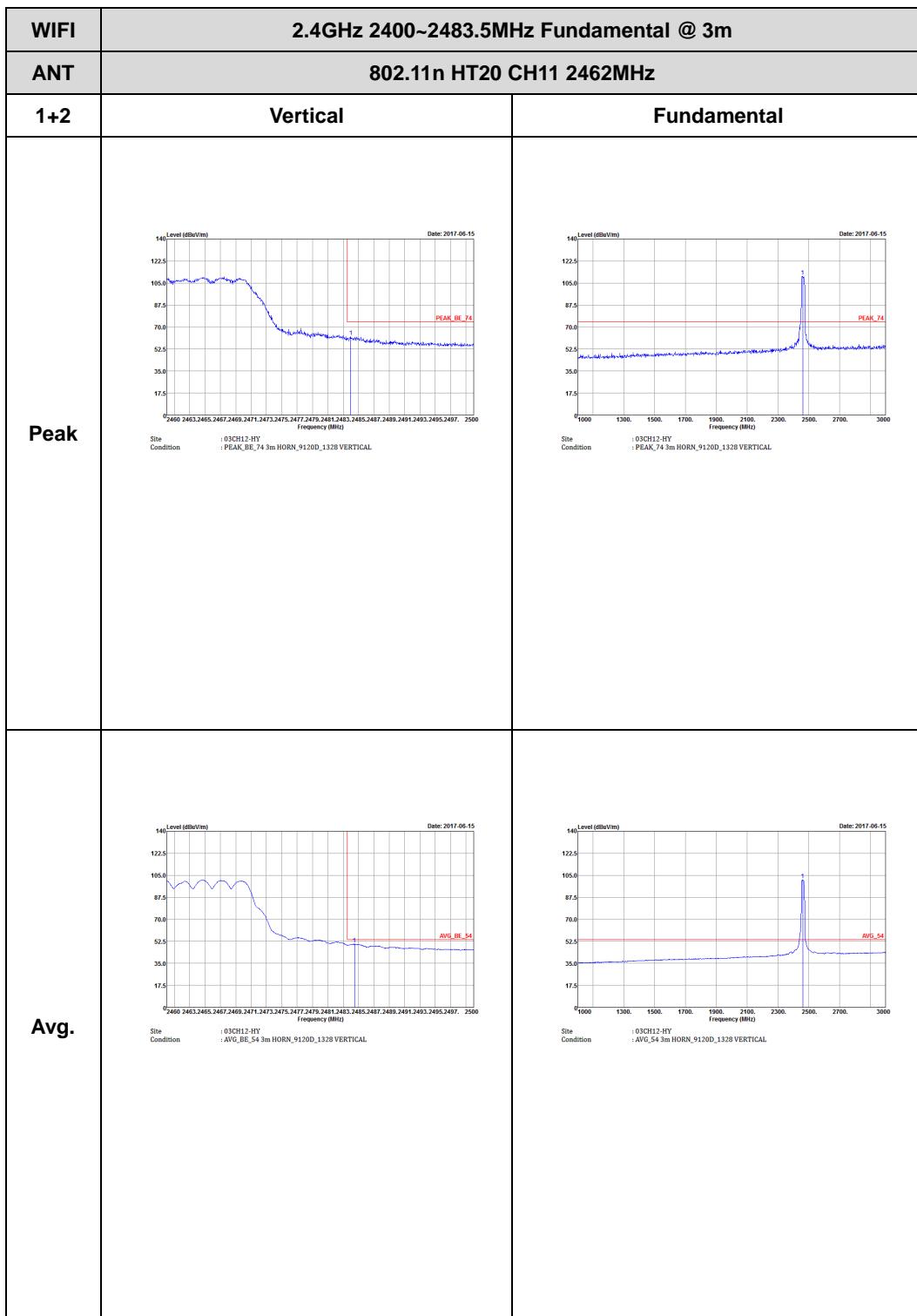
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL</p>	Left blank
Avg.	 <p>Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL</p>	Left blank

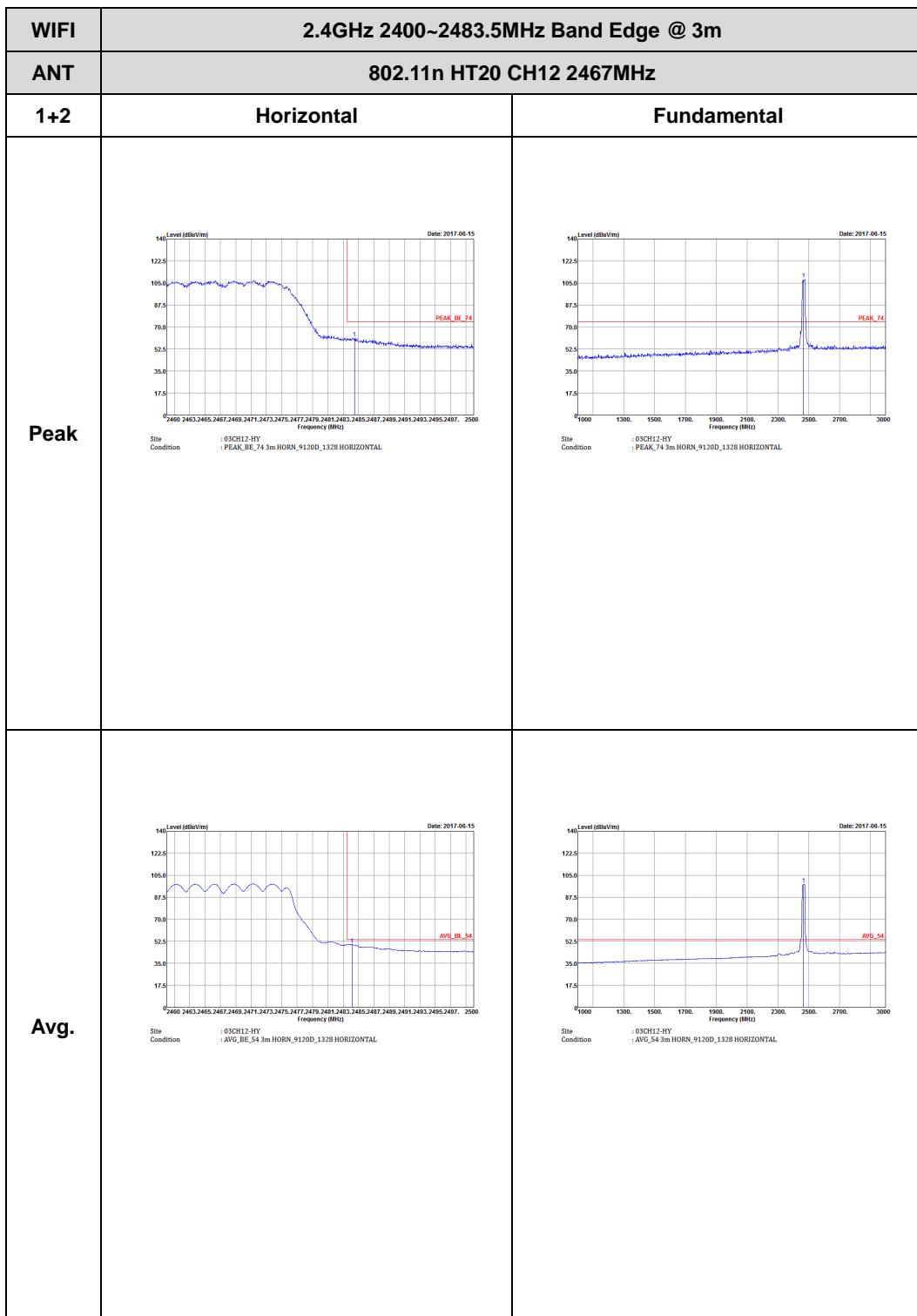


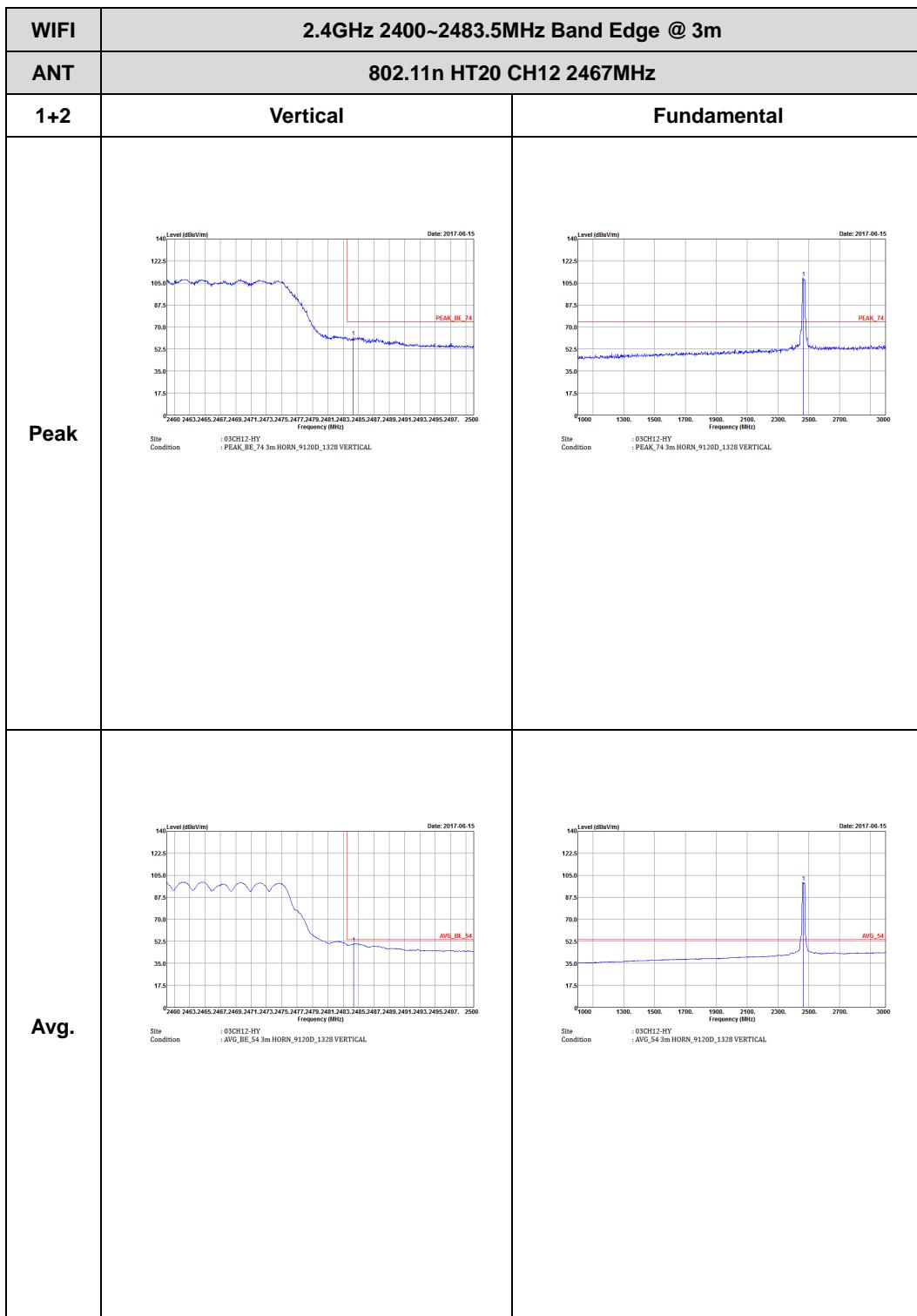


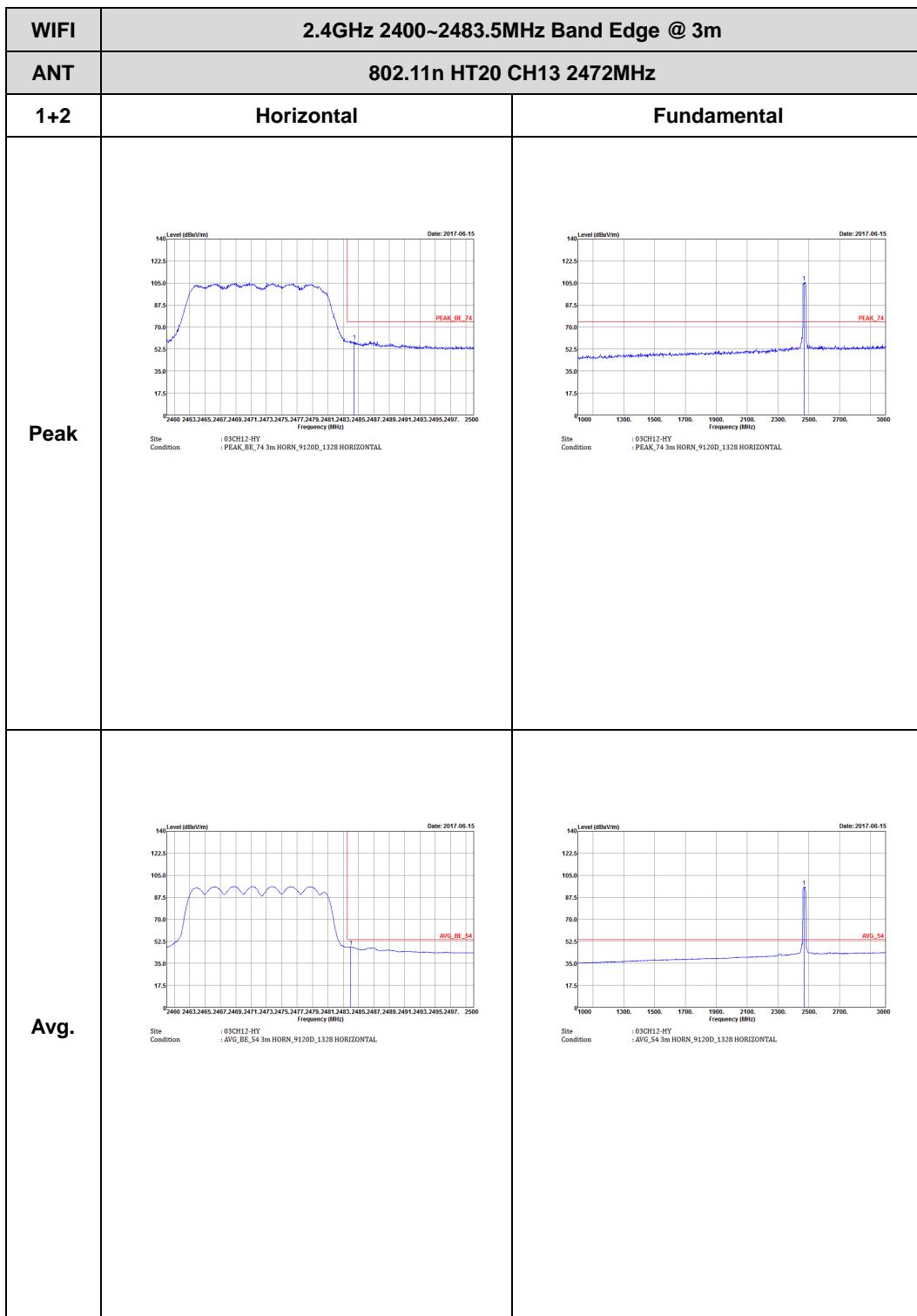
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL.</p>	Left Blank
Avg.	 <p>Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL.</p>	Left Blank

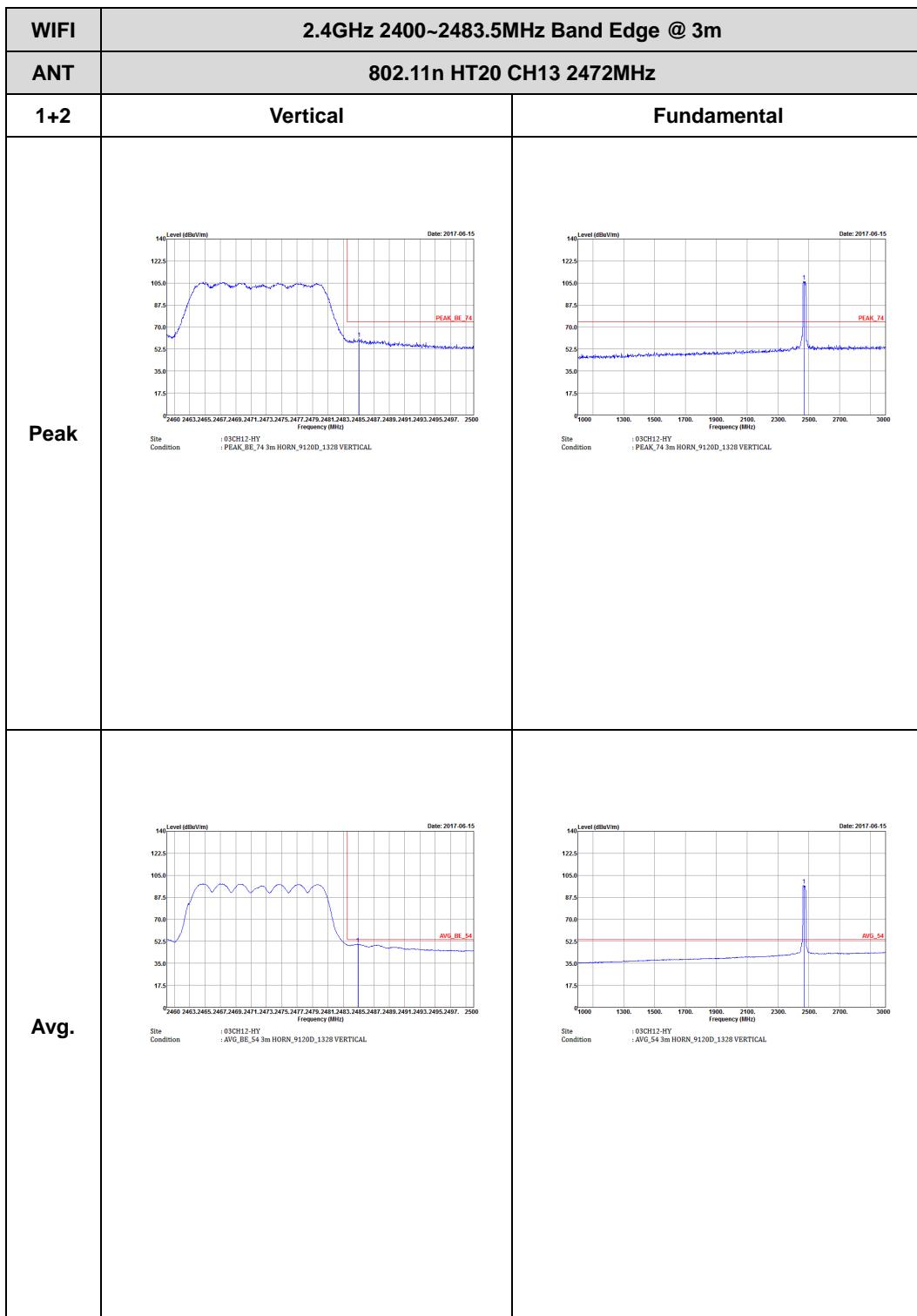








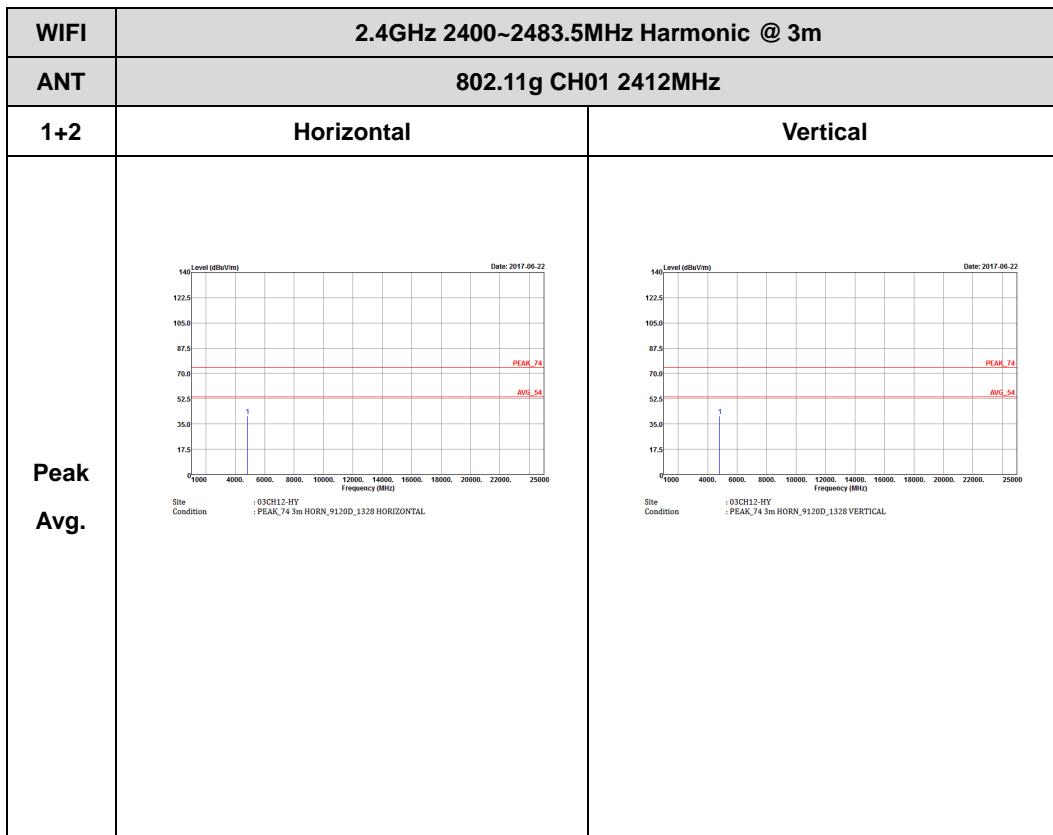


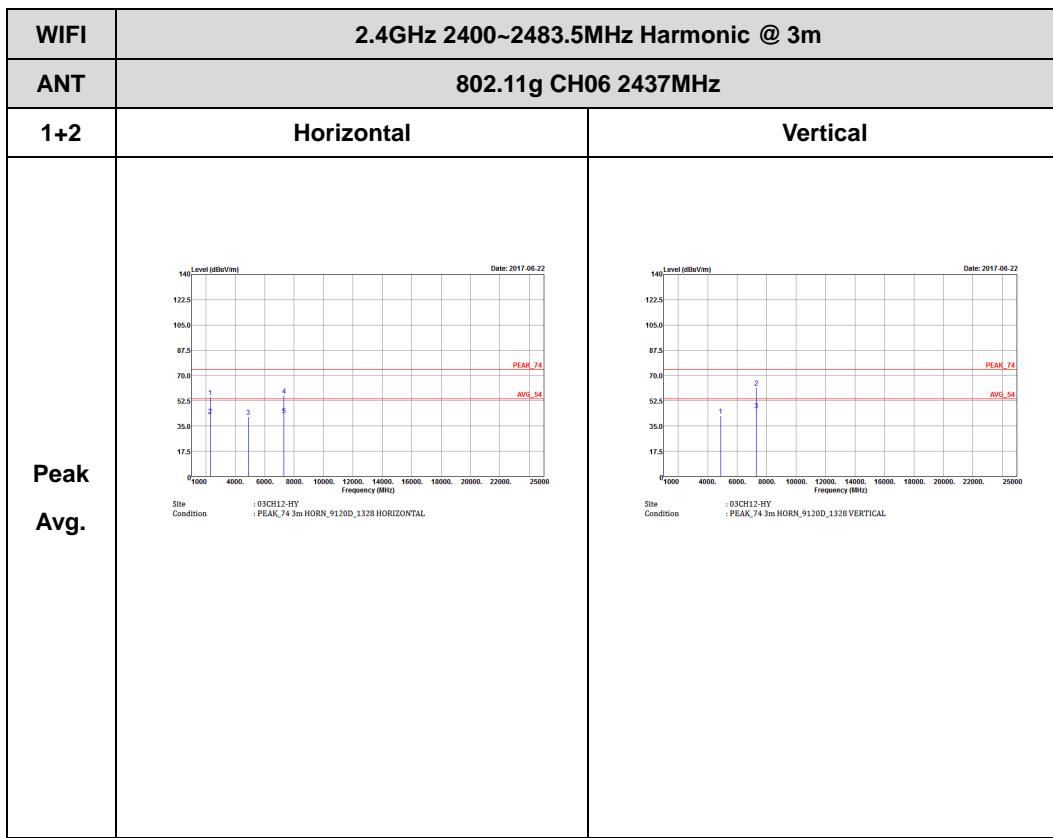


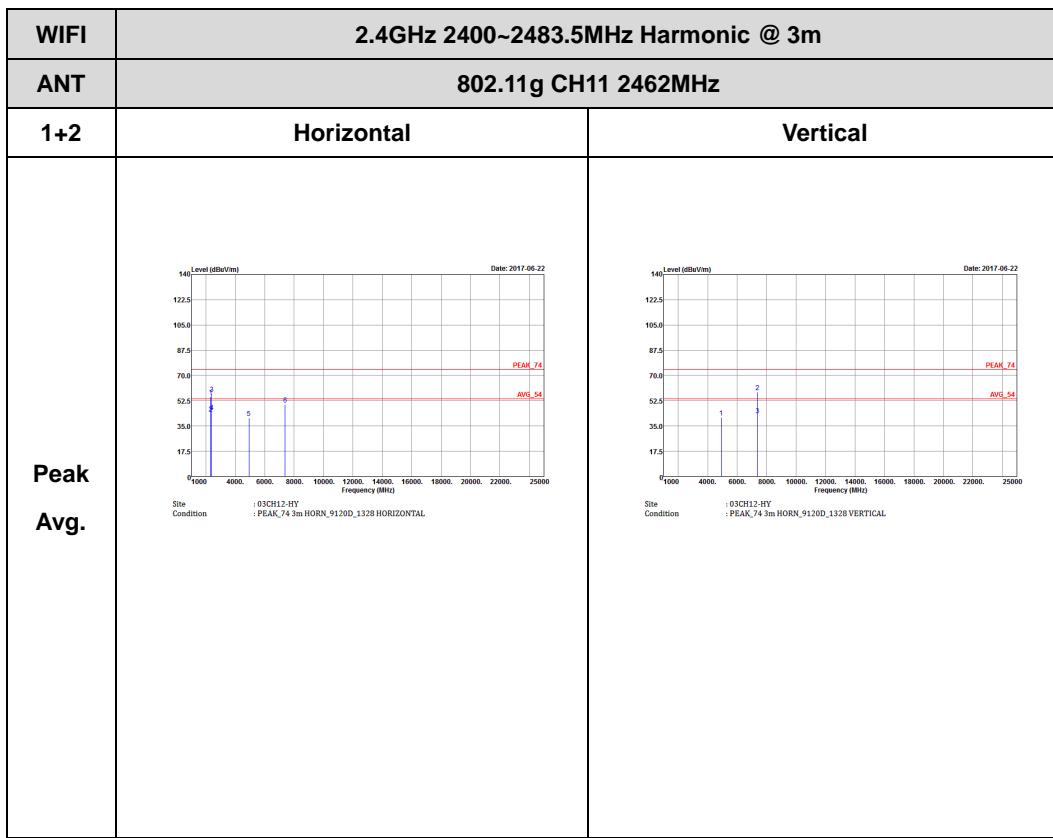


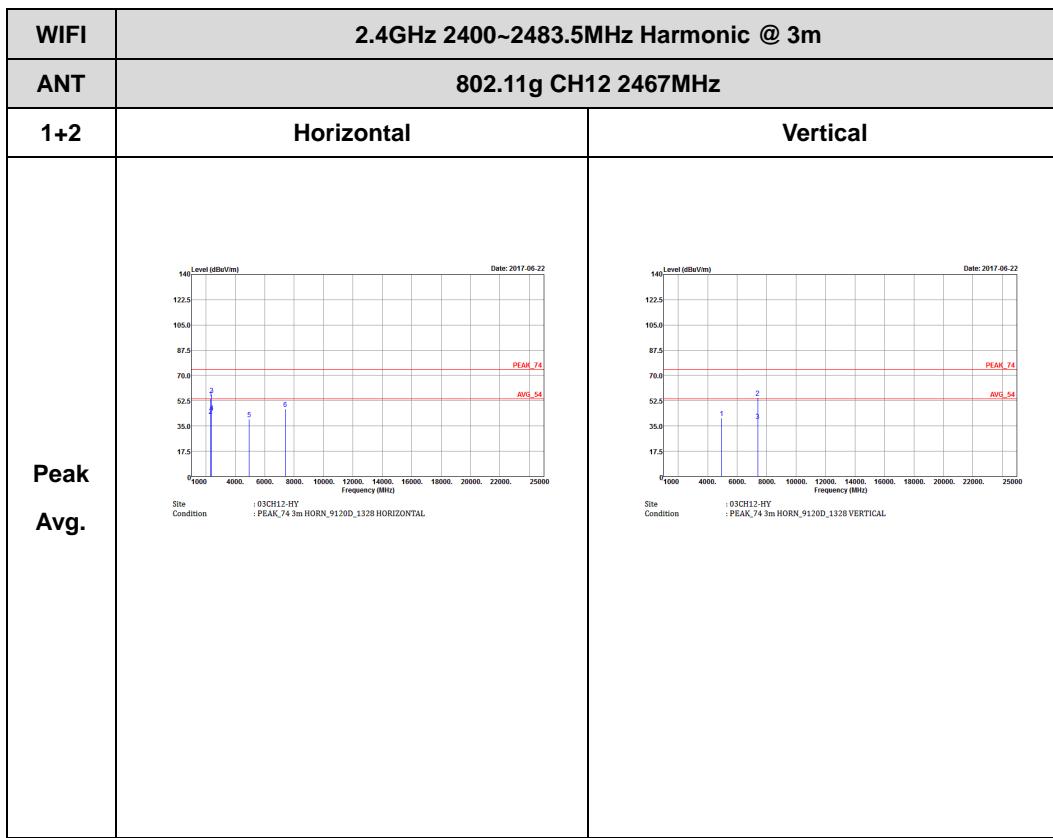
2.4GHz 2400~2483.5MHz

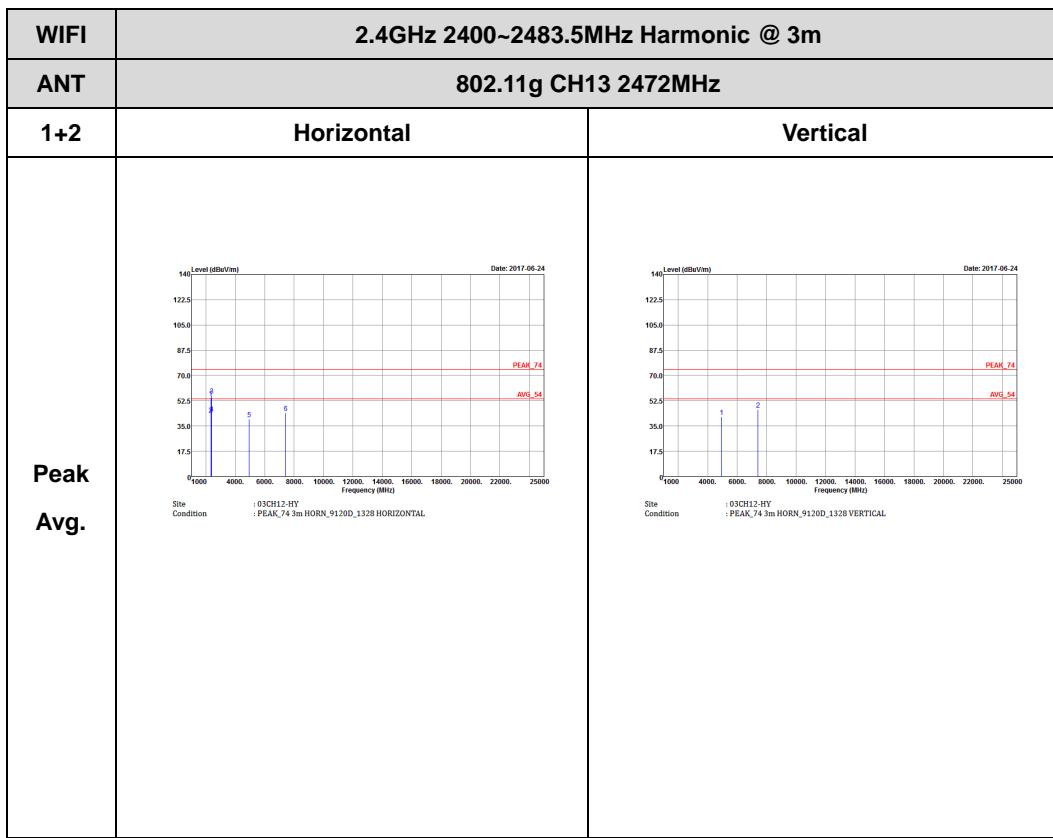
WIFI 802.11g (Harmonic @ 3m)







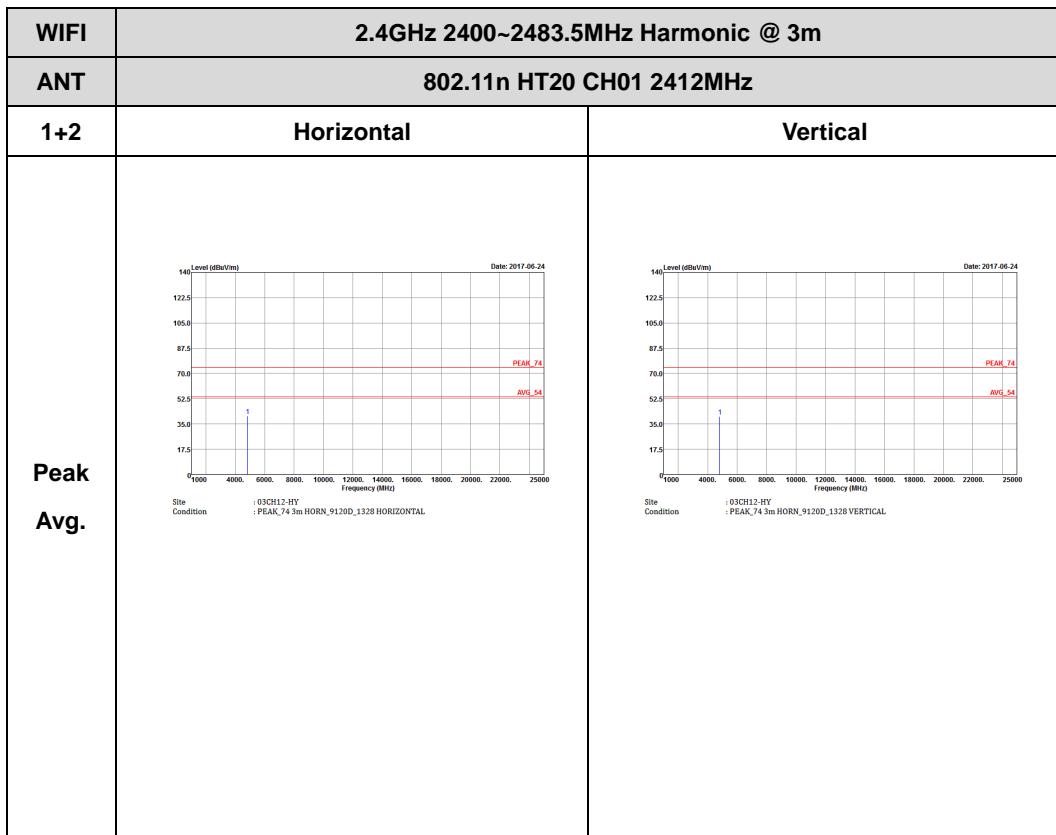


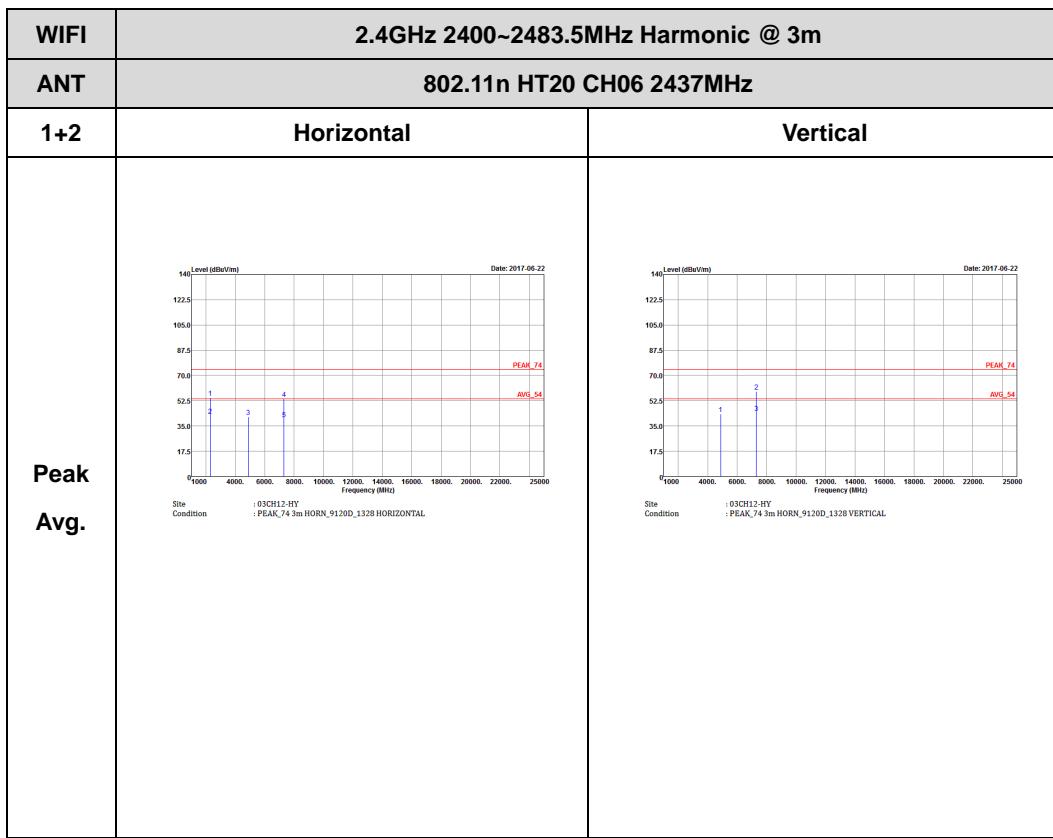


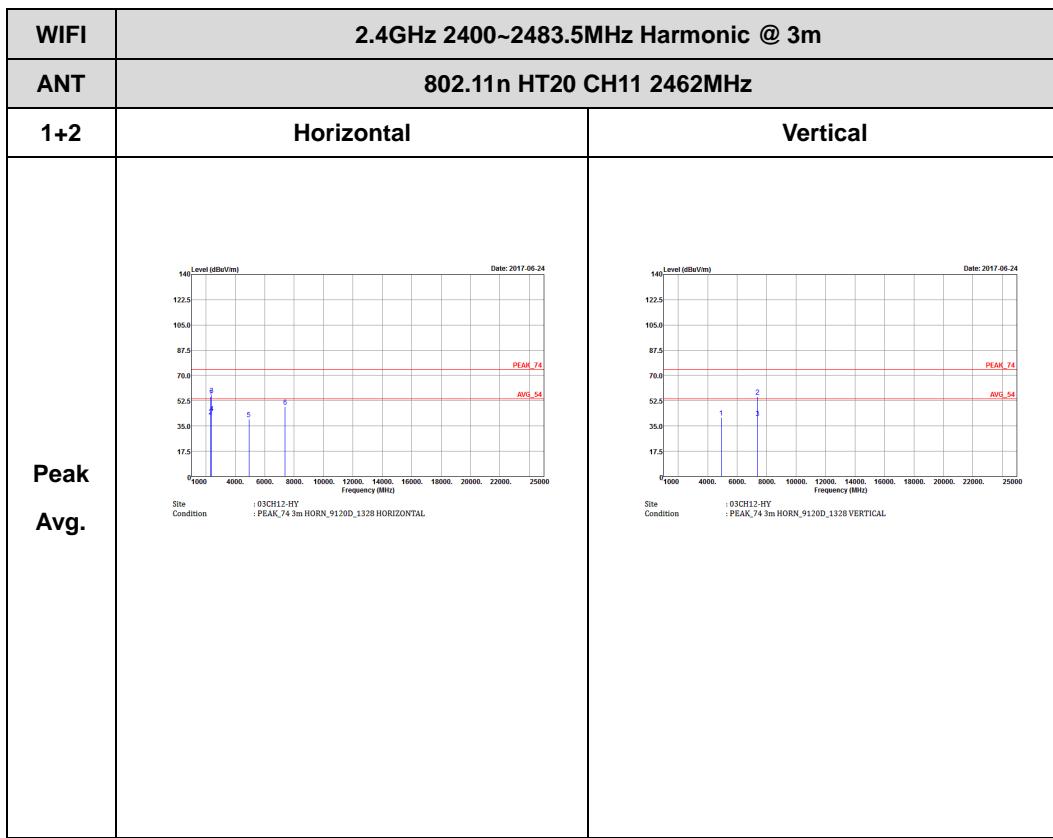


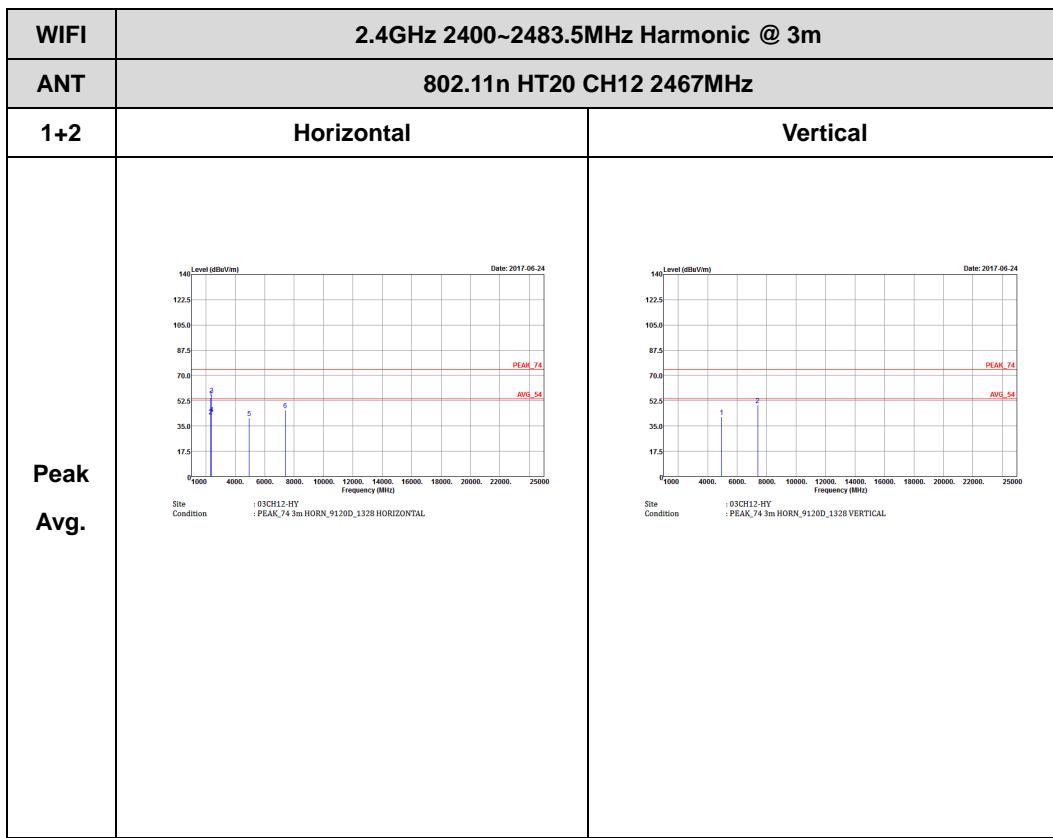
2.4GHz 2400~2483.5MHz

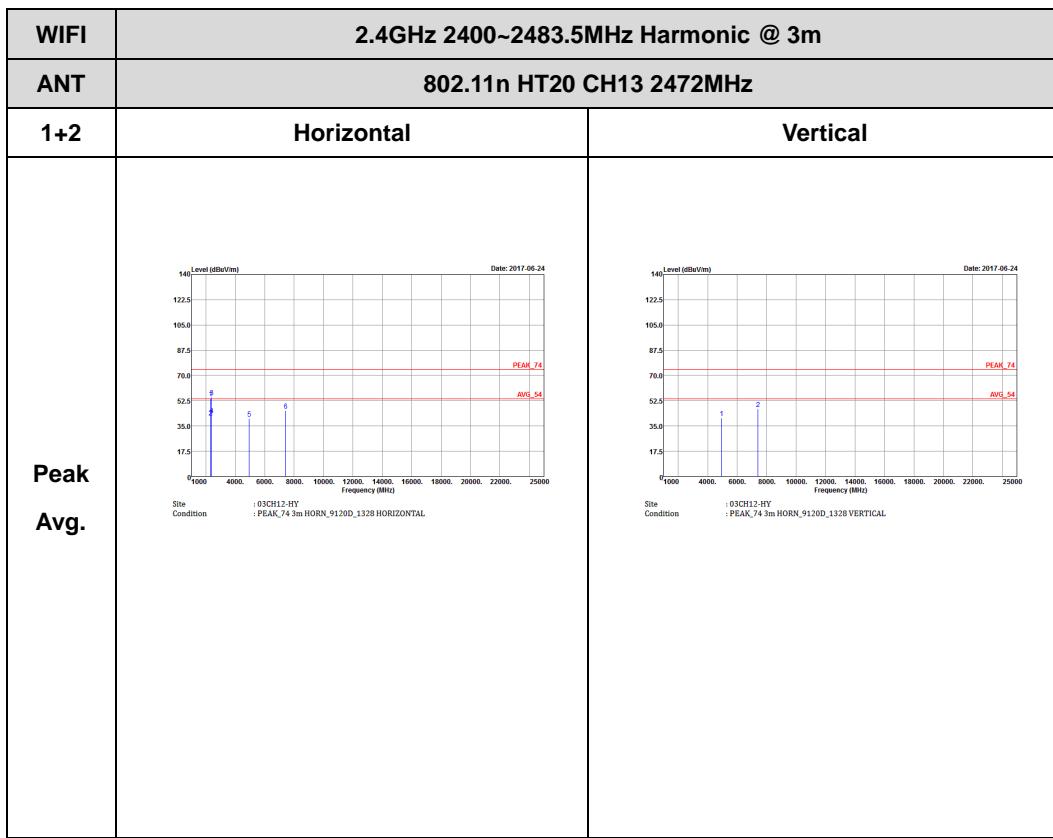
## WIFI 802.11n HT20 (Harmonic @ 3m)







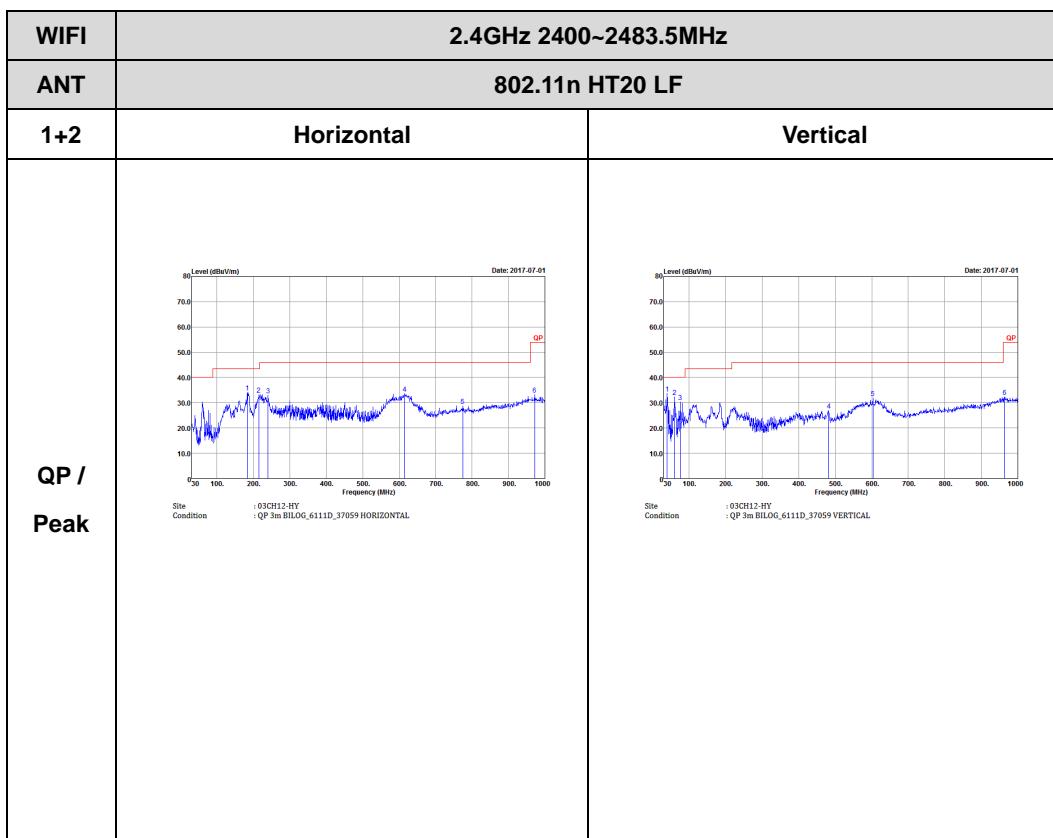






## Emission below 1GHz

## 2.4GHz WIFI 802.11n HT20 (LF)





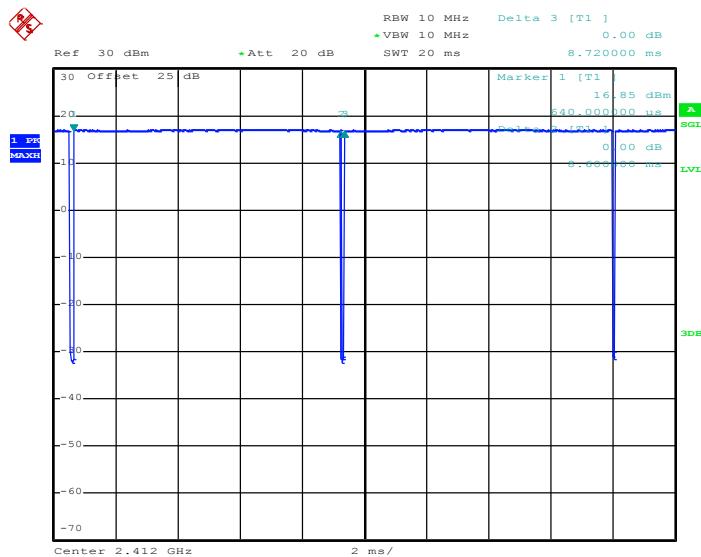
## Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1	802.11b	98.624	-	-	10Hz
1	802.11g	92.857	1430	0.70	1kHz
1	2.4GHz 802.11n HT20	92.414	1340	0.75	1kHz
2	802.11b	98.624	-	-	10Hz
2	802.11g	92.88	1435	0.70	1kHz
2	2.4GHz 802.11n HT20	93.056	1340	0.75	1kHz
1+2	2.4GHz 802.11g for Ant 1	92.208	1420	0.70	1kHz
1+2	2.4GHz 802.11n HT20 for Ant 1	93.056	1340	0.75	1kHz
1+2	2.4GHz 802.11g for Ant 2	92.857	1430	0.70	1kHz
1+2	2.4GHz 802.11n HT20 for Ant 2	92.414	1340	0.75	1kHz



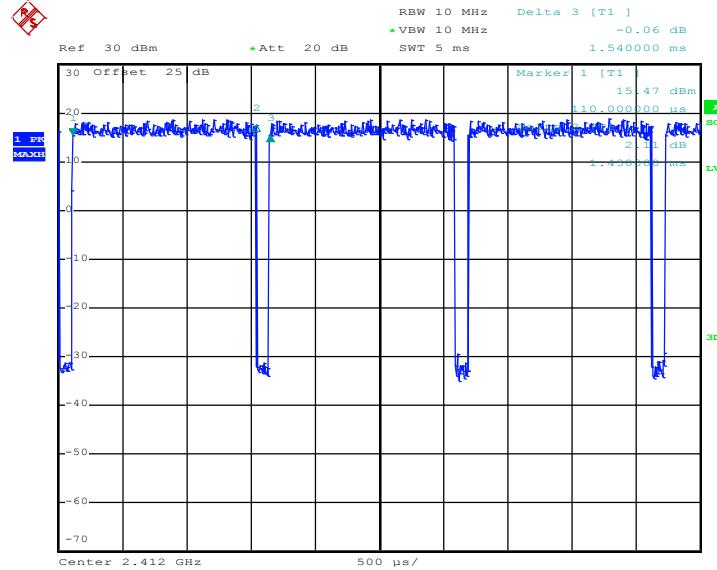
&lt;Ant. 1&gt;

## 802.11b



Date: 13.JUN.2017 21:10:34

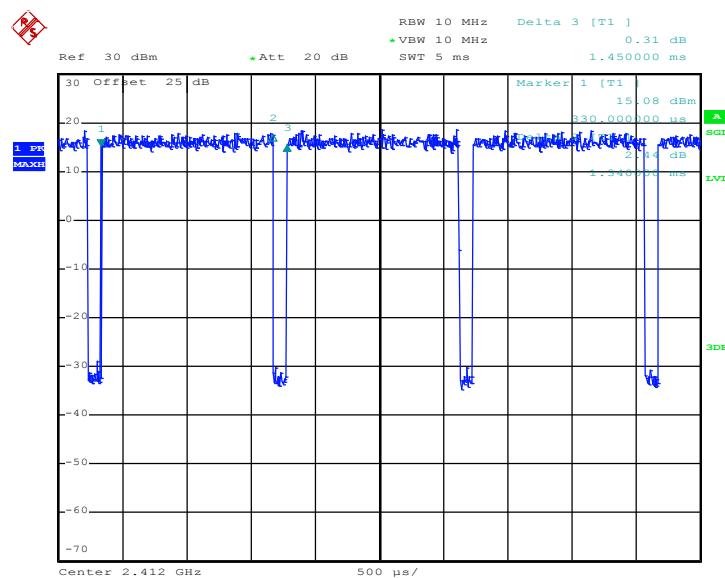
## 802.11g



Date: 13.JUN.2017 21:14:04



## 802.11n HT20

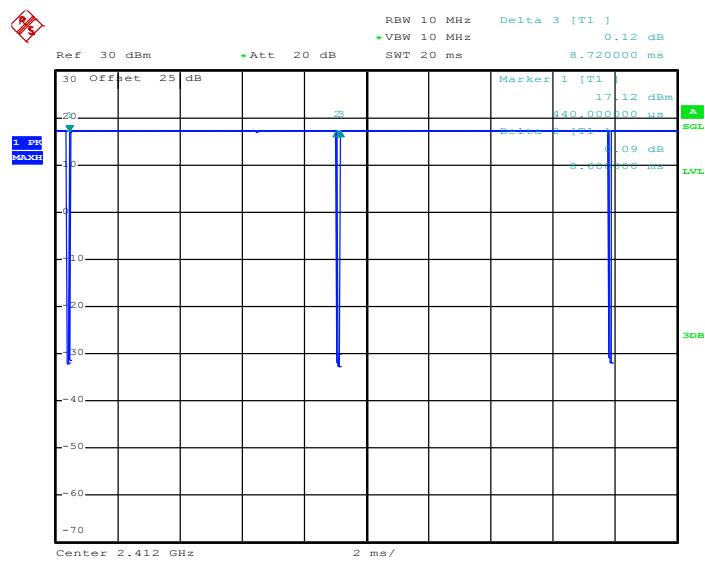


Date: 13.JUN.2017 21:17:10



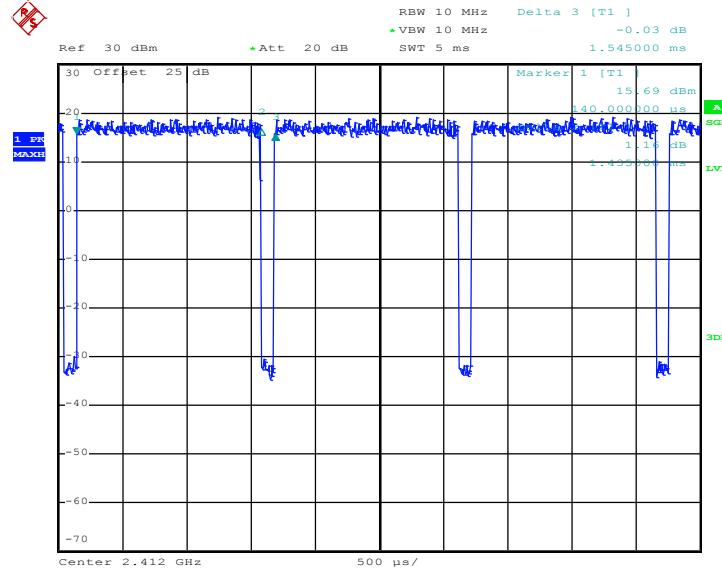
&lt;Ant. 2&gt;

## 802.11b



Date: 13.JUN.2017 21:11:57

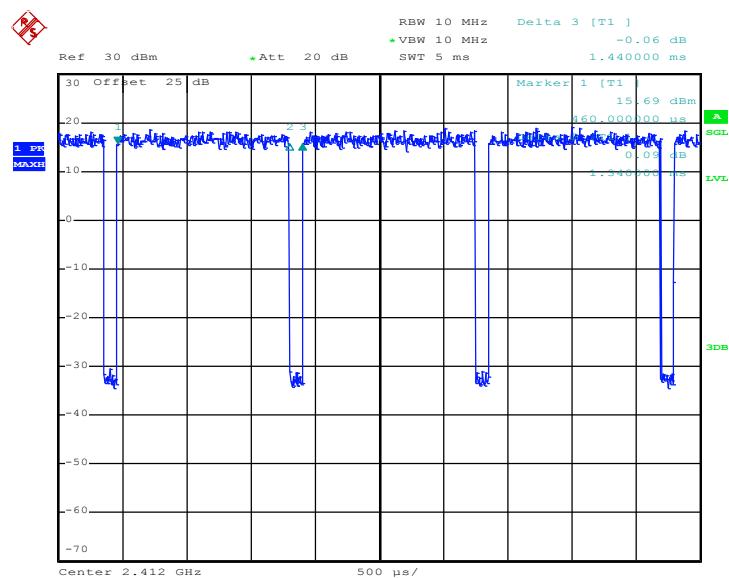
## 802.11g



Date: 13.JUN.2017 21:12:59



## 802.11n HT20

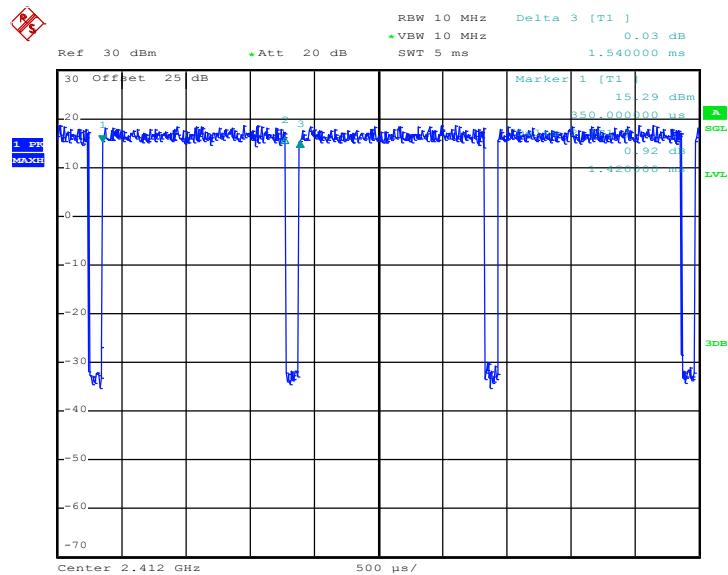


Date: 13.JUN.2017 21:18:29



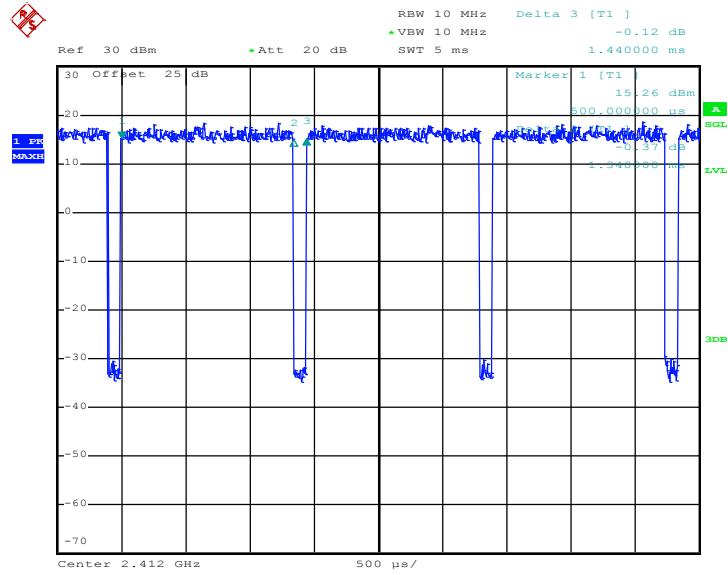
## MIMO &lt;Ant. 1+2(1)&gt;

## 802.11g



Date: 13.JUN.2017 21:15:43

## 802.11n HT20

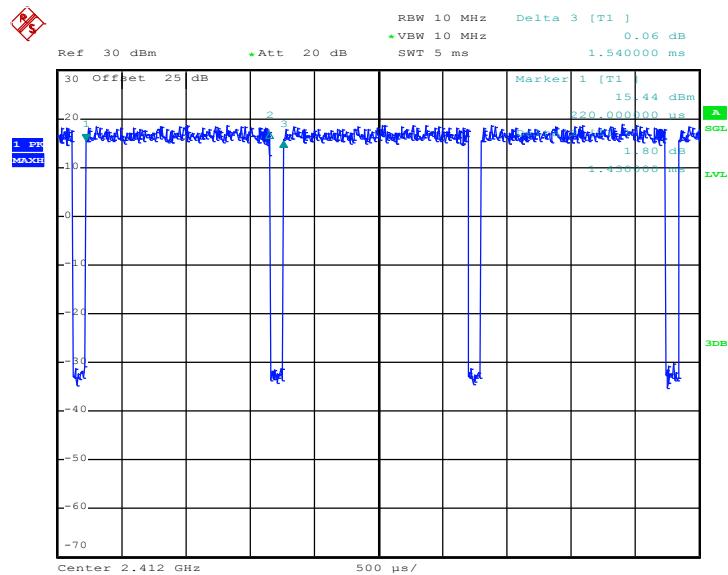


Date: 13.JUN.2017 21:19:14



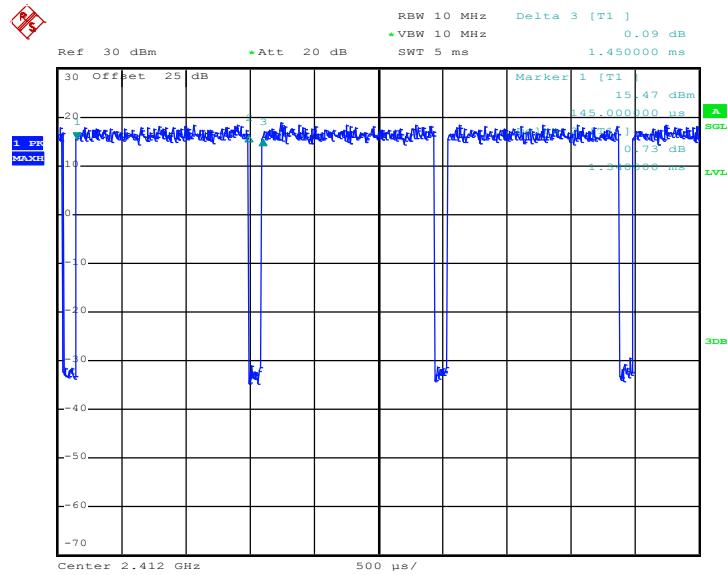
## MIMO &lt;Ant. 1+2(2)&gt;

## 802.11g



Date: 13.JUN.2017 21:16:10

## 802.11n HT20



Date: 13.JUN.2017 21:19:39