



## 2.4GHz 2400~2483.5MHz

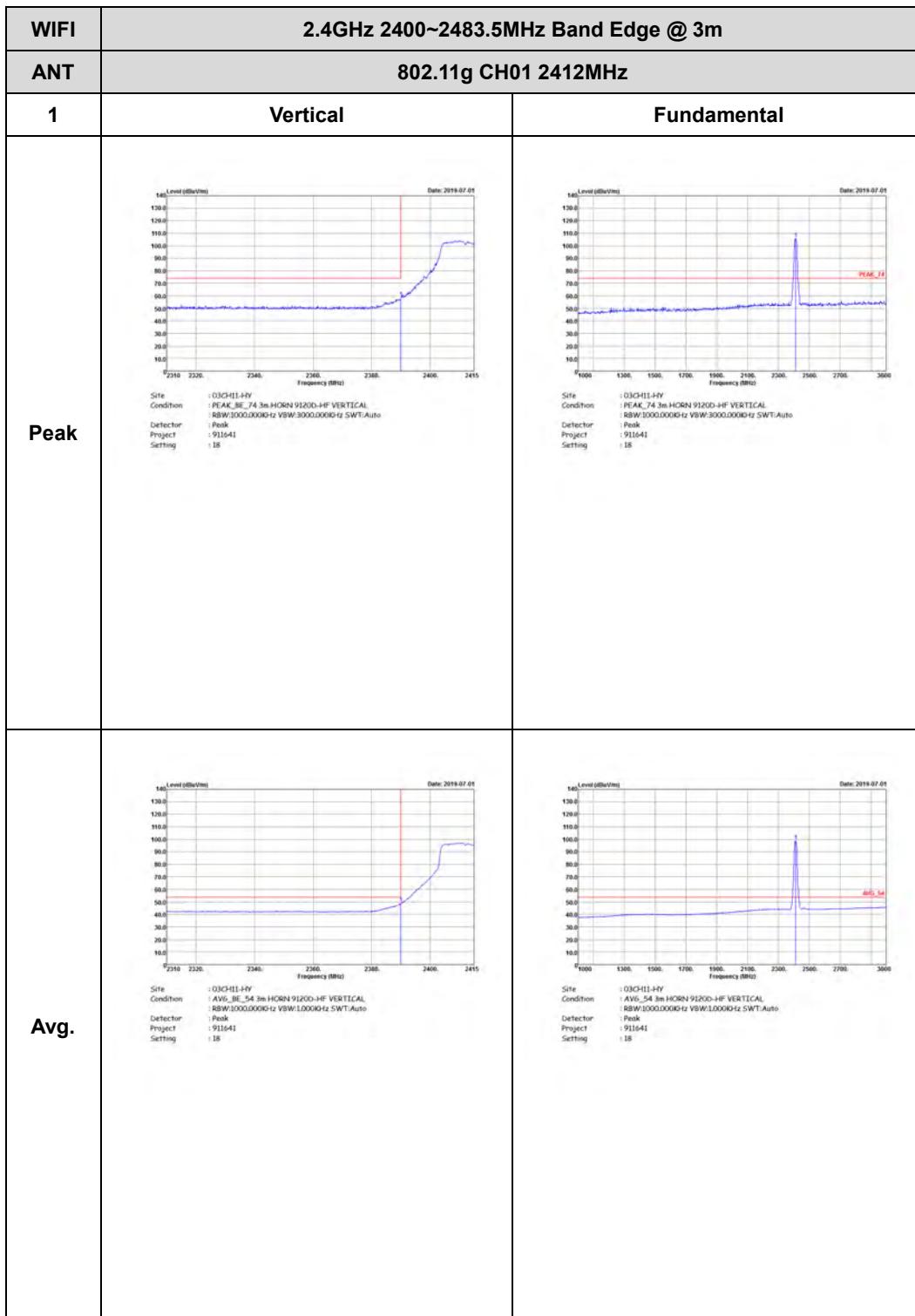
## WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH11-HV Condition : PFAK_BE_74_3m_HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VSWR:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 18	 Site : 03CH11-HV Condition : PFAK_74_3m_HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VSWR:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 18
Avg.	 Site : 03CH11-HV Condition : AVG_BE_54_3m_HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VSWR:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 18	 Site : 03CH11-HV Condition : AVG_54_3m_HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VSWR:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 18



# FCC RADIO TEST REPORT

Report No. : FR911641C





# FCC RADIO TEST REPORT

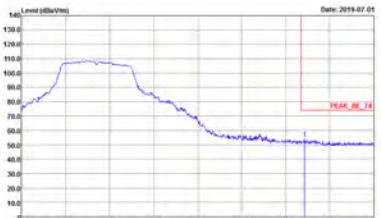
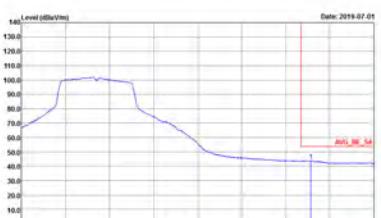
Report No. : FR911641C

<b>WIFI</b>	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
<b>ANT</b>	802.11g CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site: D3CH1-HY Condition: PEAK_BE_74_3m_HORN_91200-HF_HORIZONTAL RBW:3000.0000Hz VSW:3000.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 205	 Site: D3CH1-HY Condition: PEAK_BE_74_3m_HORN_91200-HF_HORIZONTAL RBW:3000.0000Hz VSW:3000.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 205
Avg.	 Site: D3CH1-HY Condition: AVG_BE_54_3m_HORN_91200-HF_HORIZONTAL RBW:1000.0000Hz VSW:1.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 205	 Site: D3CH1-HY Condition: AVG_BE_54_3m_HORN_91200-HF_HORIZONTAL RBW:1000.0000Hz VSW:1.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 205



# FCC RADIO TEST REPORT

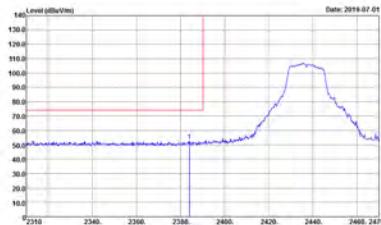
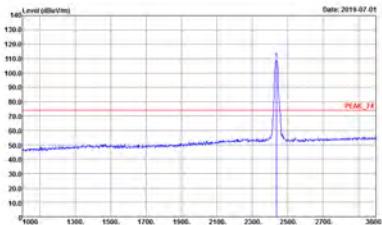
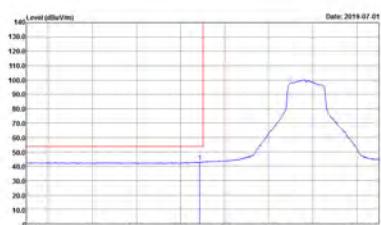
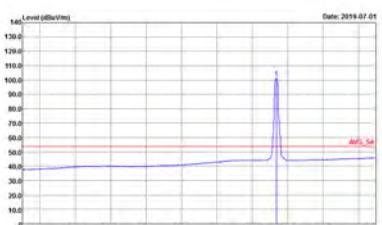
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 034H-BE-4Y Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:3000.0000-tz VSW:3000.0000-tz SWT:Auto Project : 911641 Setting : 20.5</p>	Left blank
Avg.	 <p>Site : 034H-BE-4Y Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.0000-tz VSW:1.0000-tz SWT:Auto Project : 911641 Setting : 20.5</p>	Left blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2019-07-01 Site Condition : PFAK_BE_74.3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 205</p>	 <p>Date: 2019-07-01 Site Condition : PFAK_BE_74.3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 205</p>
Avg.	 <p>Date: 2019-07-01 Site Condition : AVG_BE_54.3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 205</p>	 <p>Date: 2019-07-01 Site Condition : AVG_BE_54.3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 205</p>



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03GH11-HV Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 91641 Setting : 20.5</p>	Left Blank
Avg.	 <p>Site : 03GH11-HV Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 91641 Setting : 20.5</p>	Left Blank



# FCC RADIO TEST REPORT

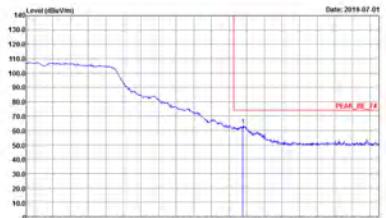
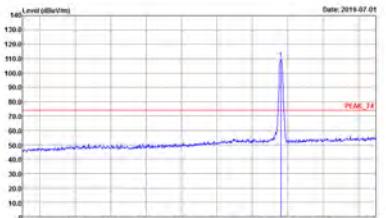
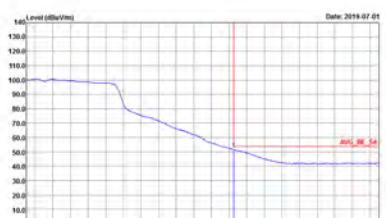
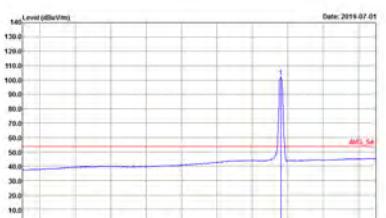
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 Site : D3CH11-HY Condition : PEAK_BE_74_3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 19.5	 Site : D3CH11-HY Condition : PEAK_BE_74_3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 19.5
Avg.	 Site : D3CH11-HY Condition : AVG_BE_54_3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 19.5	 Site : D3CH11-HY Condition : AVG_BE_54_3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 19.5



# FCC RADIO TEST REPORT

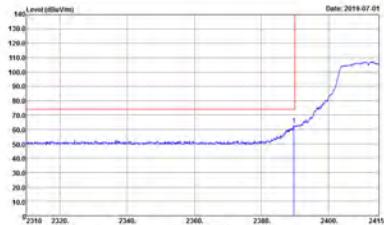
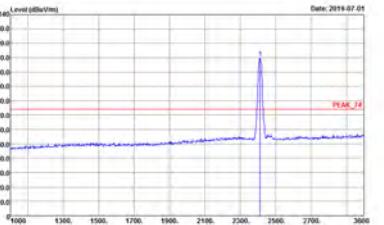
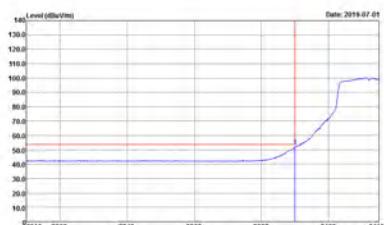
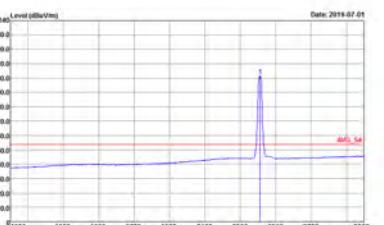
Report No. : FR911641C

<b>WIFI</b>	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
<b>ANT</b>	802.11g CH11 2462MHz	
1	Vertical	Fundamental
Peak	 <p>Site : D3CH11-HY Condition : PFAK_BE_74 3m HORN 91200-HF VERTICAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 19.5</p>	 <p>Site : D3CH11-HY Condition : PFAK_74 3m HORN 91200-HF VERTICAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 19.5</p>
Avg.	 <p>Site : D3CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 19.5</p>	 <p>Site : D3CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 19.5</p>



## 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	 Site : 03CH1-HV Condition : PEAK_BE_74_3m_HORN_91200-HF_HORIZONTAL RBW:3000.0000Hz VSWR:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : r16.5	 Site : 03CH1-HV Condition : PEAK_74_3m_HORN_91200-HF_HORIZONTAL RBW:3000.0000Hz VSWR:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : r16.5
Avg.	 Site : 03CH1-HV Condition : AVG_BE_54_3m_HORN_91200-HF_HORIZONTAL RBW:1000.0000Hz VSWR:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : r16.5	 Site : 03CH1-HV Condition : AVG_54_3m_HORN_91200-HF_HORIZONTAL RBW:1000.0000Hz VSWR:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : r16.5



# FCC RADIO TEST REPORT

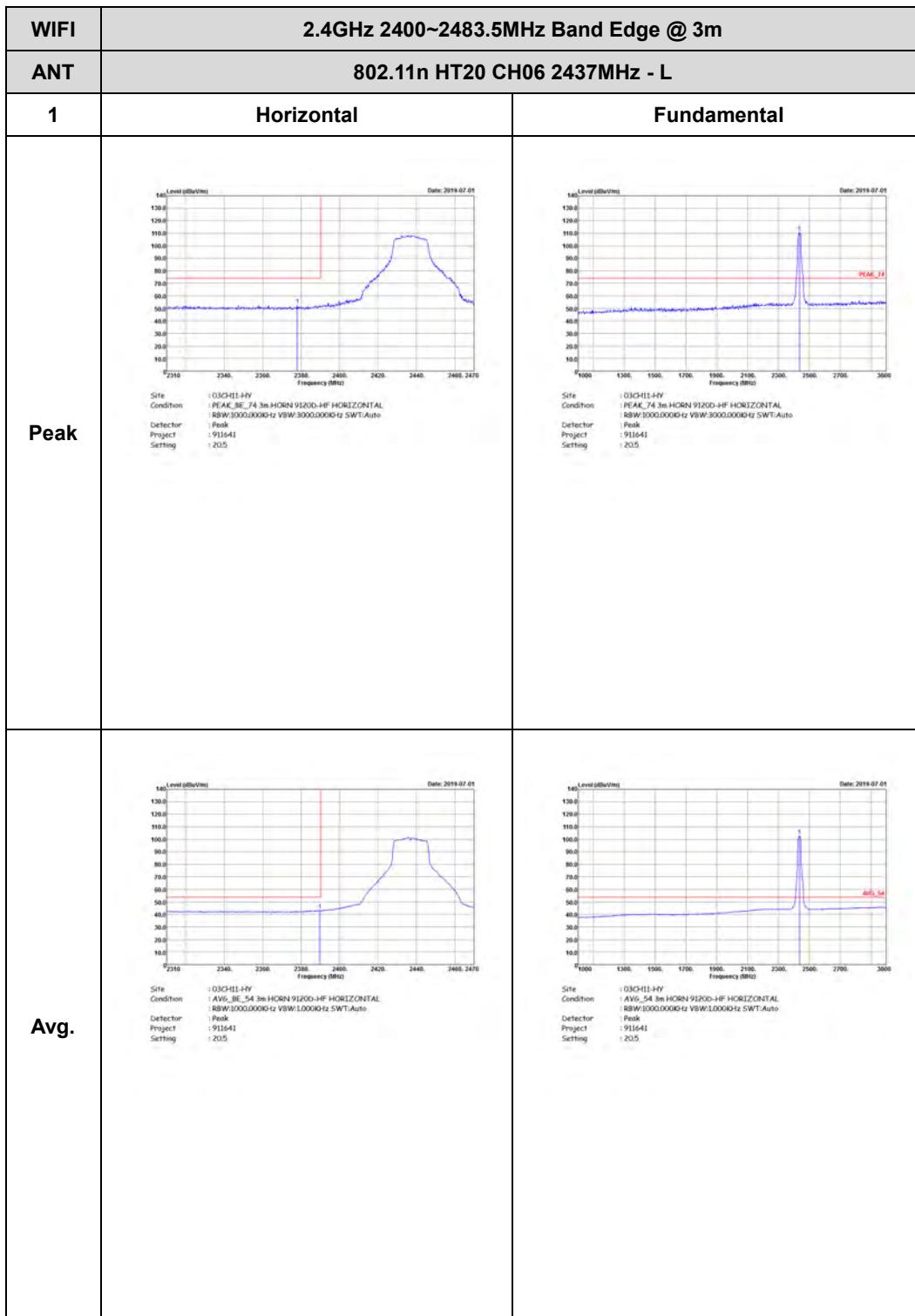
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Vertical	Fundamental
Peak	 Site : 03CHII-HY Condition : PEAK_BE_74_3m HORN 91200-HF VERTICAL : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5	 Site : 03CHII-HY Condition : PEAK_74_3m HORN 91200-HF VERTICAL : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5
Avg.	 Site : 03CHII-HY Condition : AVG_BE_54_3m HORN 91200-HF VERTICAL : RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5	 Site : 03CHII-HY Condition : AVG_54_3m HORN 91200-HF VERTICAL : RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5



# FCC RADIO TEST REPORT

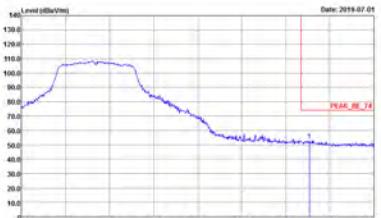
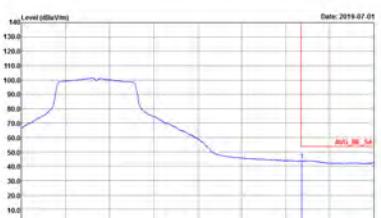
Report No. : FR911641C





# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 034HT-BE Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 20.5</p>	Left blank
Avg.	 <p>Site : 034HT-BE Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 20.5</p>	Left blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	 Site : D3CH11-HY Condition : PEAK, BE_74.3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 20.5	 Site : D3CH11-HY Condition : PEAK, 74.3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 20.5
Avg.	 Site : D3CH11-HY Condition : AVG_BE_54.3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 20.5	 Site : D3CH11-HY Condition : AVG_54.3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 20.5



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 Detailed description: A spectrum analysis graph titled 'Date: 2019-07-01'. The Y-axis is 'Level (dBmV/m)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2500. A blue line shows a signal starting at ~70 dBmV/m at 2420 MHz, rising to a peak of ~105 dBmV/m at 2437 MHz (labeled 'PEAK_BE_74'), and then falling back to ~50 dBmV/m by 2480 MHz. Below the graph are the following parameters: Site : 034HT1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 20.5	Left Blank
Avg.	 Detailed description: A spectrum analysis graph titled 'Date: 2019-07-01'. The Y-axis is 'Level (dBmV/m)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2500. A blue line shows a signal starting at ~50 dBmV/m at 2420 MHz, rising to a broad peak of ~95 dBmV/m at 2437 MHz (labeled 'AVG_BE_54'), and then falling back to ~50 dBmV/m by 2480 MHz. Below the graph are the following parameters: Site : 034HT1-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 20.5	Left Blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

<b>WIFI</b>	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
<b>ANT</b>	802.11n HT20 CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74_3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 18	 Site : 03CH11-HY Condition : PEAK_BE_74_3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 18
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54_3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 18	 Site : 03CH11-HY Condition : AVG_BE_54_3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 18



# FCC RADIO TEST REPORT

Report No. : FR911641C

<b>WIFI</b>	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
<b>ANT</b>	802.11n HT20 CH11 2462MHz	
1	Vertical	Fundamental
Peak	 Site: 03CH11-HY Condition: PEAK_BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector: Peak Project: 911641 Setting: 18	 Site: 03CH11-HY Condition: PEAK_BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector: Peak Project: 911641 Setting: 18
Avg.	 Site: 03CH11-HY Condition: AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector: Peak Project: 911641 Setting: 18	 Site: 03CH11-HY Condition: AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector: Peak Project: 911641 Setting: 18



## 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 - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH11-HV Condition : PEAK_BE_74_3m_HORN_91200-HF_HORIZONTAL RBW:3000.0000Hz VSWR:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : r13.5	 Site : 03CH11-HV Condition : PEAK_74_3m_HORN_91200-HF_HORIZONTAL RBW:3000.0000Hz VSWR:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : r13.5
Avg.	 Site : 03CH11-HV Condition : AVG_BE_54_3m_HORN_91200-HF_HORIZONTAL RBW:1000.0000Hz VSWR:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : r13.5	 Site : 03CH11-HV Condition : AVG_54_3m_HORN_91200-HF_HORIZONTAL RBW:1000.0000Hz VSWR:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : r13.5



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1	Horizontal	Fundamental
Peak	 Detailed description: A spectrum analysis graph titled 'Date: 2019-07-02'. The Y-axis is 'Level (dBmV/m)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2560. A blue line shows a signal level that remains relatively flat around 90 dBmV/m until approximately 2483.5 MHz, where it drops sharply to about 50 dBmV/m and then continues to decrease slowly. A red vertical line highlights this peak at 2483.5 MHz, with the label 'PEAK_BE_74' written next to it. Below the graph, there is a block of test parameters: Site : 03CH1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 13.5	Left Blank
Avg.	 Detailed description: A spectrum analysis graph titled 'Date: 2019-07-02'. The Y-axis is 'Level (dBmV/m)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2560. A blue line shows a signal level that remains relatively flat around 90 dBmV/m until approximately 2483.5 MHz, where it drops sharply to about 50 dBmV/m and then continues to decrease slowly. A red vertical line highlights this point at 2483.5 MHz, with the label 'AVG_BE_54' written next to it. Below the graph, there is a block of test parameters: Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 13.5	Left Blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1	Vertical	Fundamental
Peak	<p>Date: 2019-07-02</p> <p>Site Condition : D3CH11-HY : PEAK, BE_74.3m HORN 91200-HF VERTICAL : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 13.5</p>	<p>Date: 2019-07-02</p> <p>Site Condition : D3CH11-HY : PEAK, 74.3m HORN 91200-HF VERTICAL : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 13.5</p>
Avg.	<p>Date: 2019-07-02</p> <p>Site Condition : D3CH11-HY : AVG_BE_54.3m HORN 91200-HF VERTICAL : RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 13.5</p>	<p>Date: 2019-07-02</p> <p>Site Condition : D3CH11-HY : AVG_54.3m HORN 91200-HF VERTICAL : RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 13.5</p>



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1	Vertical	Fundamental
Peak	 Detailed description: A spectrum plot titled 'Date: 2019-07-02'. The Y-axis is 'Level (dBm/Vm)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2500. A blue line shows a signal starting at ~90 dBm, dropping to ~50 dBm at 2483.5 MHz, and then remaining flat. A red step function highlights the edge. Below the plot are the following parameters: Site : D3GHII-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 13.5	Left blank
Avg.	 Detailed description: A spectrum plot titled 'Date: 2019-07-02'. The Y-axis is 'Level (dBm/Vm)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2500. A blue line shows a signal starting at ~90 dBm, dropping to ~50 dBm at 2483.5 MHz, and then remaining flat. A red step function highlights the edge. Below the plot are the following parameters: Site : D3GHII-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 13.5	Left blank



# FCC RADIO TEST REPORT

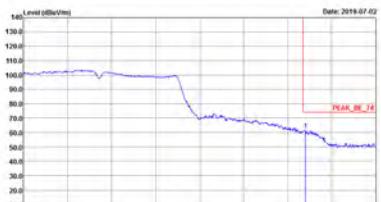
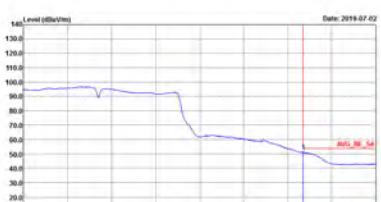
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site : D3CH11-HY Condition : PEAK_BE_74_3m HORN 91200-HF HORIZONTAL : RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 17.5	 Site : D3CH11-HY Condition : PEAK_74_m HORN 91200-HF HORIZONTAL : RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 17.5
Avg.	 Site : D3CH11-HY Condition : AVG_BE_54_3m HORN 91200-HF HORIZONTAL : RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 17.5	 Site : D3CH11-HY Condition : AVG_54_m HORN 91200-HF HORIZONTAL : RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 17.5



# FCC RADIO TEST REPORT

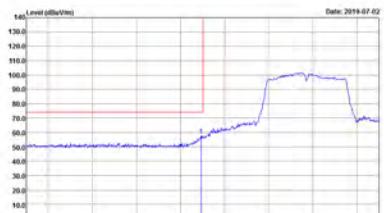
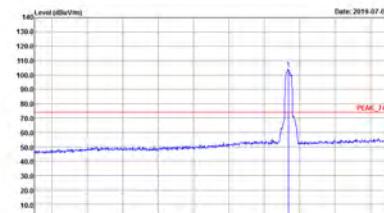
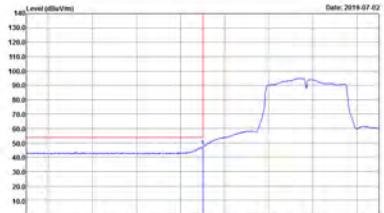
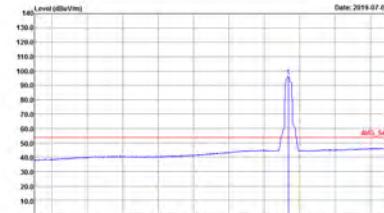
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 034H1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Project : 911641 Setting : 17.5</p>	Left blank
Avg.	 <p>Site : 034H1-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Project : 911641 Setting : 17.5</p>	Left blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

<b>WIFI</b>	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
<b>ANT</b>	802.11n HT40 CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2019-07-02 Site : D3CH11-HY Condition : PEAK, BE_74.3m HORN 91200-HF VERTICAL : RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 17.5</p>	 <p>Date: 2019-07-02 Site : D3CH11-HY Condition : PEAK, 74.3m HORN 91200-HF VERTICAL : RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 17.5</p>
Avg.	 <p>Date: 2019-07-02 Site : D3CH11-HY Condition : AVG_BE_54.3m HORN 91200-HF VERTICAL : RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 17.5</p>	 <p>Date: 2019-07-02 Site : D3CH11-HY Condition : AVG_54.3m HORN 91200-HF VERTICAL : RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 17.5</p>



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 Detailed description: A spectrum plot titled 'Date: 2019-07-02'. The Y-axis is 'Level (dBm/V/m)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2500. The signal starts at approximately 100 dBm, remains flat until 2430 MHz, then drops to about 75 dBm. At 2437 MHz, there is a very sharp vertical drop to around 50 dBm, indicated by a red line labeled 'PEAK_BE_14'. After 2437 MHz, the signal levels off again. Site: GUH11-HY Condition: PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector: Peak Project: 911641 Setting: 17.5	Left blank
Avg.	 Detailed description: A spectrum plot titled 'Date: 2019-07-02'. The Y-axis is 'Level (dBm/V/m)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2500. The signal starts at approximately 100 dBm, remains flat until 2430 MHz, then drops to about 75 dBm. At 2437 MHz, there is a very sharp vertical drop to around 50 dBm, indicated by a red line labeled 'Avg_BE_14'. After 2437 MHz, the signal levels off again. Site: GUH11-HY Condition: AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Detector: Peak Project: 911641 Setting: 17.5	Left blank



# FCC RADIO TEST REPORT

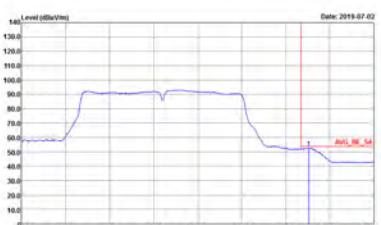
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1	Horizontal	Fundamental
Peak	<p>Date: 2019-07-02</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74_3m_HORN_91200-HF_HORIZONTAL Detector : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Project : 911641 Setting : 14.5</p>	<p>Date: 2019-07-02</p> <p>Site : 03CH11-HY Condition : PEAK_74_3m_HORN_91200-HF_HORIZONTAL Detector : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Project : 911641 Setting : 14.5</p>
Avg.	<p>Date: 2019-07-02</p> <p>Site : 03CH11-HY Condition : AVG_BE_54_3m_HORN_91200-HF_HORIZONTAL Detector : RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Project : 911641 Setting : 14.5</p>	<p>Date: 2019-07-02</p> <p>Site : 03CH11-HY Condition : AVG_54_3m_HORN_91200-HF_HORIZONTAL Detector : RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Project : 911641 Setting : 14.5</p>



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : GUH11-HV Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 14.5</p>	Left blank
Avg.	 <p>Site : GUH11-HV Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 14.5</p>	Left blank



# FCC RADIO TEST REPORT

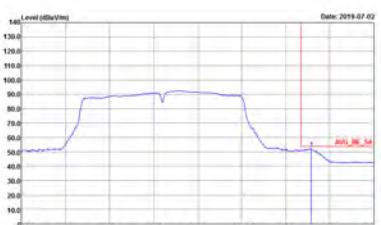
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1	Vertical	Fundamental
Peak	<p>Date: 2019-07-02</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74_3m HORN 91200-HF VERTICAL : RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 14.5</p>	<p>Date: 2019-07-02</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74_3m HORN 91200-HF VERTICAL : RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 14.5</p>
Avg.	<p>Date: 2019-07-02</p> <p>Site : 03CH11-HY Condition : AVG_BE_54_3m HORN 91200-HF VERTICAL : RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 14.5</p>	<p>Date: 2019-07-02</p> <p>Site : 03CH11-HY Condition : AVG_54_3m HORN 91200-HF VERTICAL : RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 14.5</p>



# FCC RADIO TEST REPORT

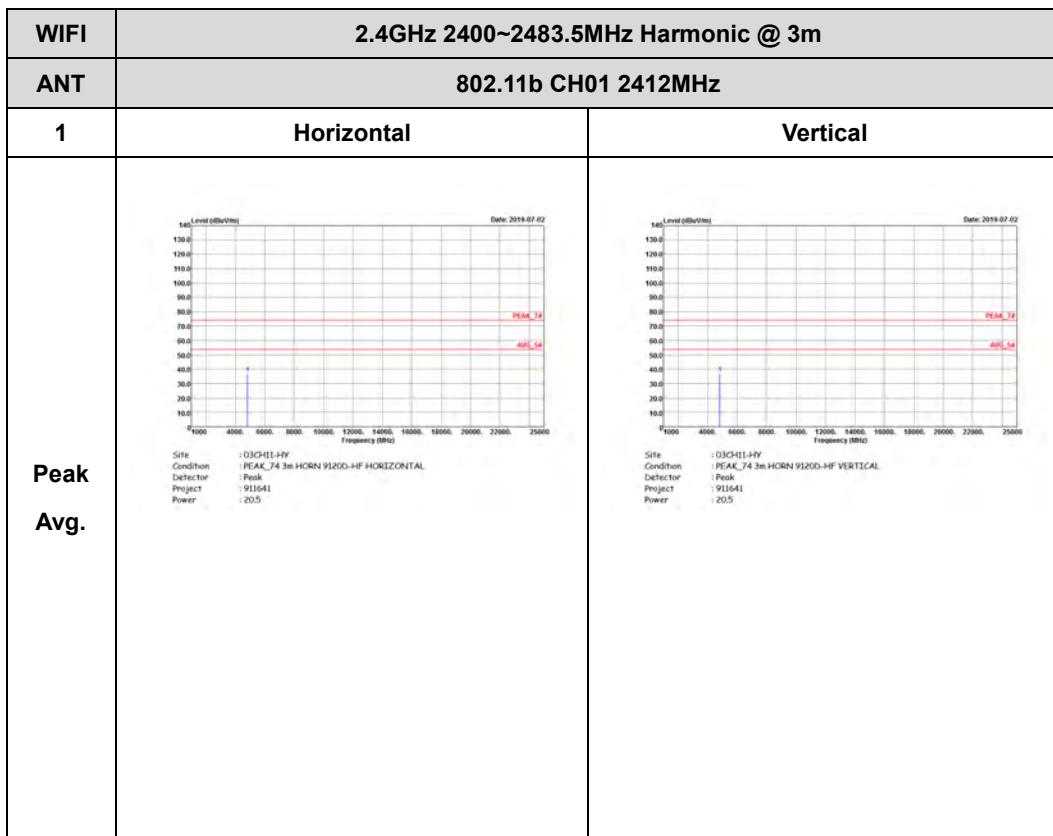
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03GH1-BE Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 14.5</p>	Left blank
Avg.	 <p>Site : 03GH1-BE Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 14.5</p>	Left blank



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11b (Harmonic @ 3m)





# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : DUCHI-HY Condition : PEAK, 74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : 20.5 Date: 2019-07-02	 Site : DUCHI-HY Condition : PEAK, 74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : 20.5 Date: 2019-07-02



# FCC RADIO TEST REPORT

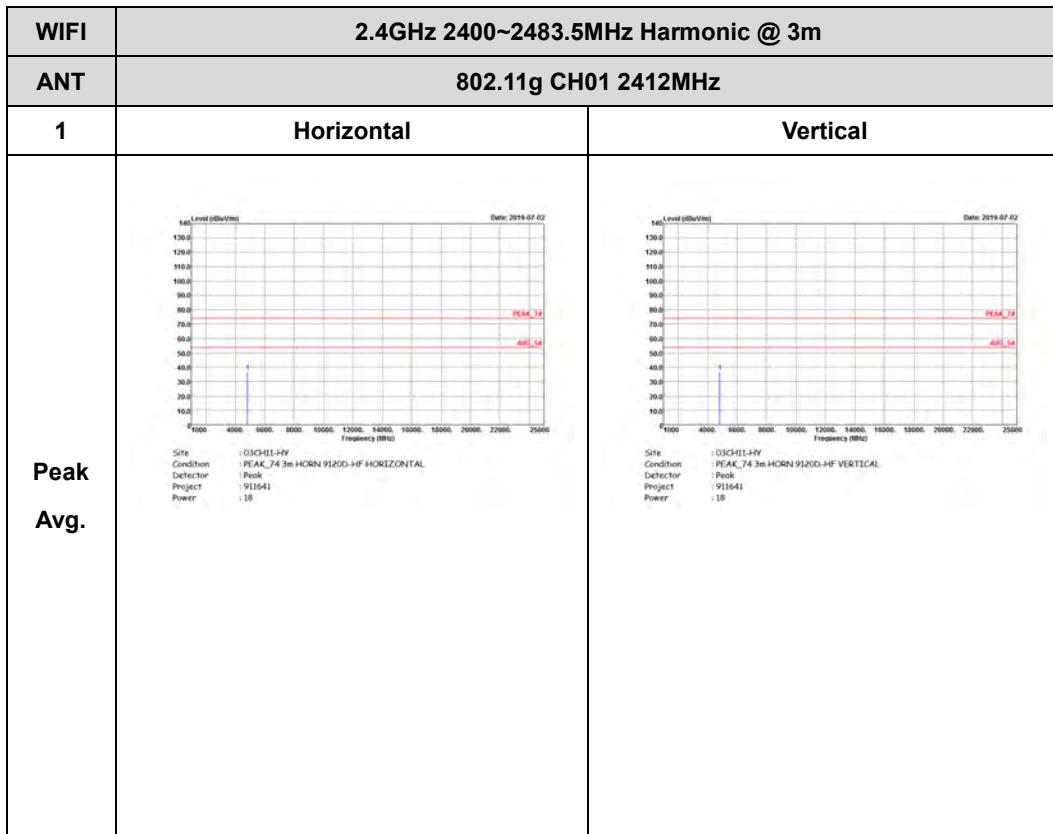
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : DUCH11-HY Condition : PEAK, 74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : 21	 Site : DUCH11-HY Condition : PEAK, 74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : 21



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11g (Harmonic @ 3m)





# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : DUCHI-HY Condition : PEAK, 74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : 20.5	 Site : DUCHI-HY Condition : PEAK, 74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : 20.5



# FCC RADIO TEST REPORT

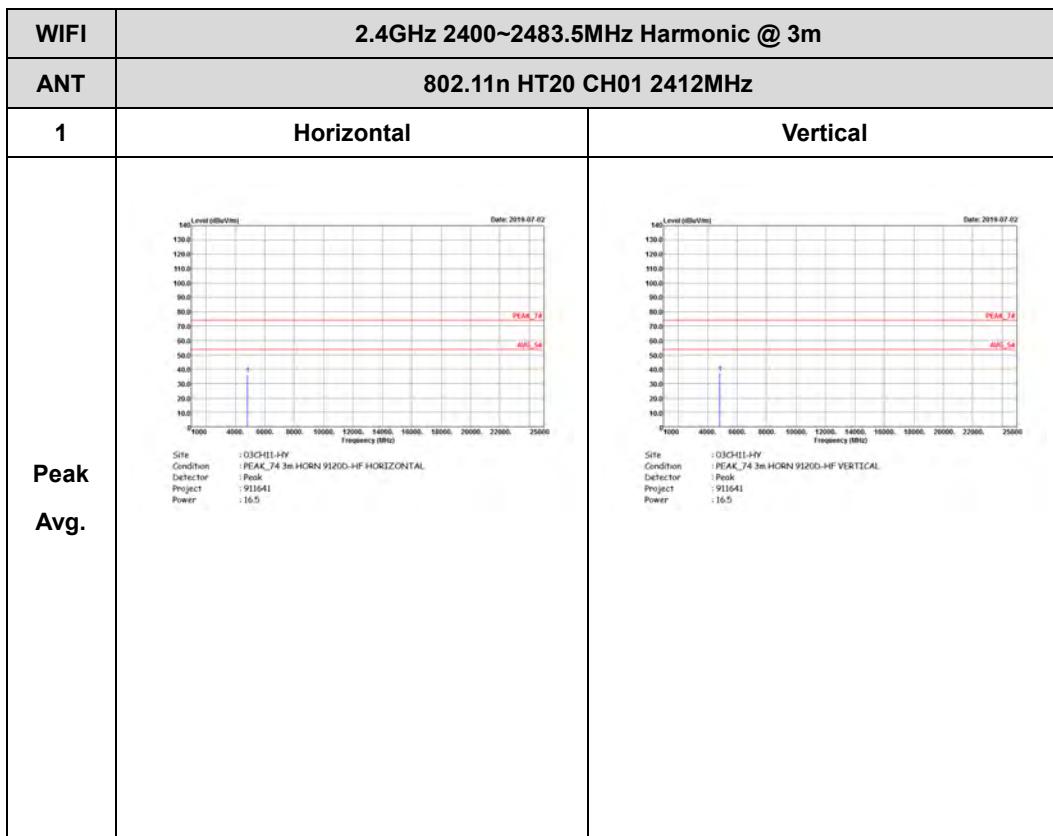
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : DUCH11-HY Condition : PEAK, 74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : 19.5 Date: 2019-07-02	 Site : DUCH11-HY Condition : PEAK, 74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : 19.5 Date: 2019-07-02



## 2.4GHz 2400~2483.5MHz

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





# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH06 2437MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : 20.5 Date: 2019-07-02	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : 20.5 Date: 2019-07-02



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : DUCH11-HY Condition : PEAK, 74 3m HORN 91200-HF HORIZONTAL. Detector : Peak Project : 911641 Power : 18 Date: 2019-07-02	 Site : DUCH11-HY Condition : PEAK, 74 3m HORN 91200-HF VERTICAL. Detector : Peak Project : 911641 Power : 18 Date: 2019-07-02



## 2.4GHz 2400~2483.5MHz

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

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH03 2422MHz	
1	Horizontal	Vertical
Peak	<p>Date: 2019-07-02</p> <p>Site : DSC-H1-HY Condition : PFACE, 74-3m HORN 91200-HF HORIZONTAL. Detector : Peak Project : 911641 Power : 13.5</p>	<p>Date: 2019-07-02</p> <p>Site : DSC-H1-HY Condition : PFACE, 74-3m HORN 91200-HF VERTICAL. Detector : Peak Project : 911641 Power : 13.5</p>
Avg.		



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH06 2437MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : 17.5	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : 17.5



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH09 2452MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : 14.5	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : 14.5



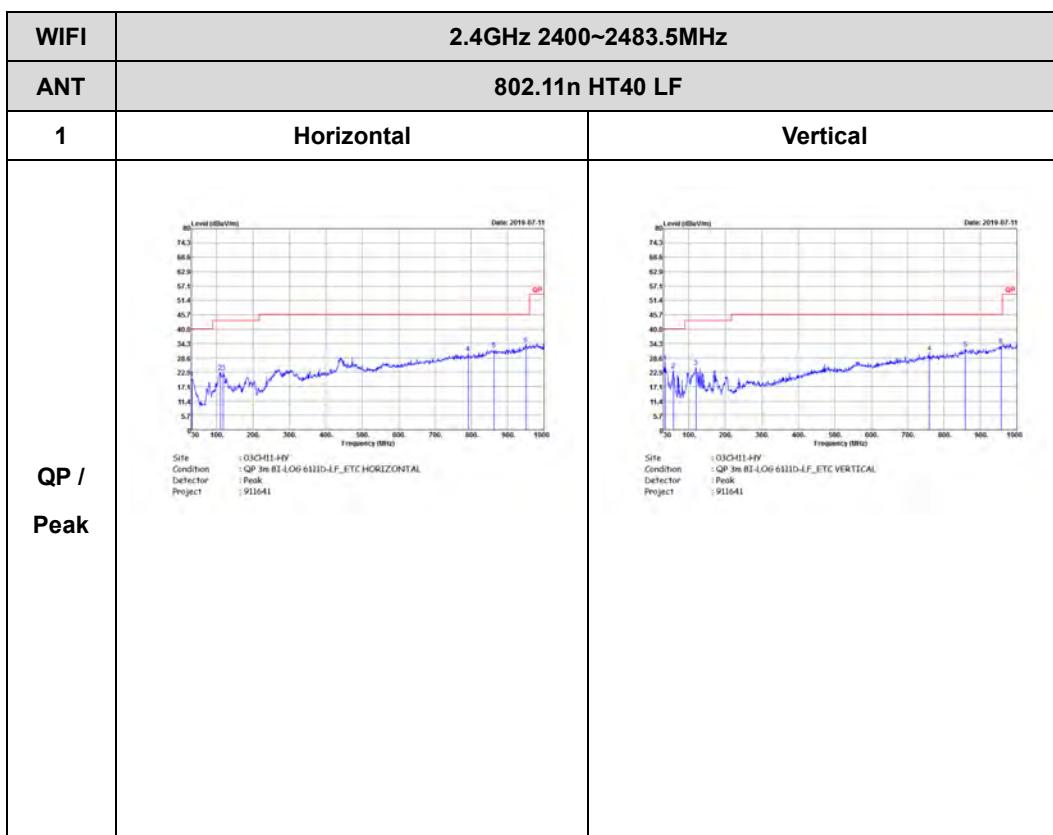
# FCC RADIO TEST REPORT

Report No. : FR911641C

**2.4GHz 2400~2483.5MHz**

**Emission below 1GHz**

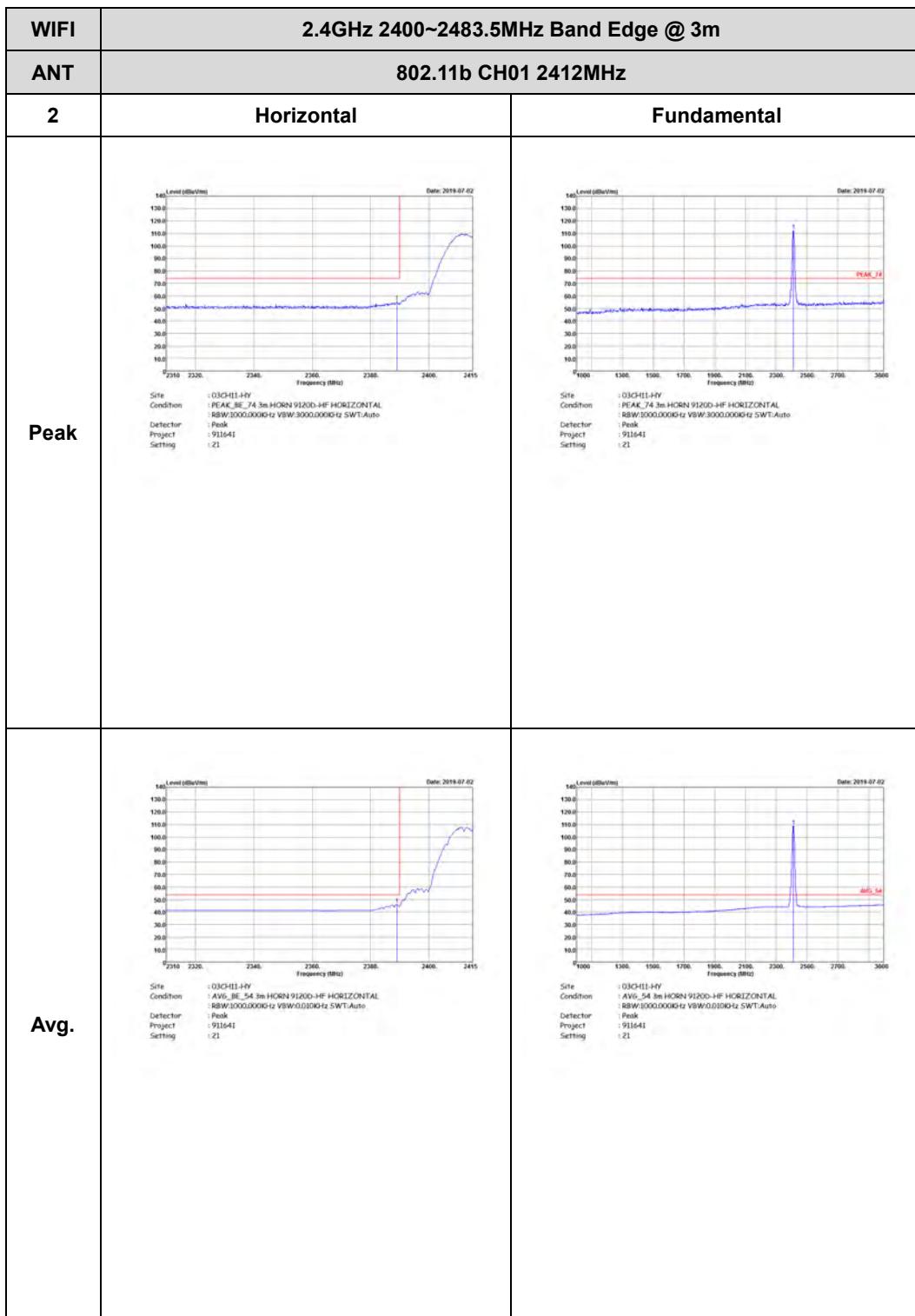
**2.4GHz WIFI 802.11n HT40 (LF)**





## 2.4GHz 2400~2483.5MHz

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





# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK, BE_74.3m HORN 91200-HF VERTICAL : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 21	 Site : 03CH11-HY Condition : PEAK, 74.3m HORN 91200-HF VERTICAL : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 21
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54.3m HORN 91200-HF VERTICAL : RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector : Peak Project : 911641 Setting : 21	 Site : 03CH11-HY Condition : AVG_54.3m HORN 91200-HF VERTICAL : RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector : Peak Project : 911641 Setting : 21



# FCC RADIO TEST REPORT

Report No. : FR911641C

<b>WIFI</b>	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
<b>ANT</b>	802.11b CH06 2437MHz - L	
<b>2</b>	<b>Horizontal</b>	<b>Fundamental</b>
<b>Peak</b>	 Site : 03CH11-HY Condition : PFAK_BE_74_3m_HORN_91200-HF_HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 21.5	 Site : 03CH11-HY Condition : PFAK_74_m_HORN_91200-HF_HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 21.5
<b>Avg.</b>	 Site : 03CH11-HY Condition : AVG_BE_54_3m_HORN_91200-HF_HORIZONTAL RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector : Peak Project : 911641 Setting : 21.5	 Site : 03CH11-HY Condition : AVG_54_3m_HORN_91200-HF_HORIZONTAL RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector : Peak Project : 911641 Setting : 21.5



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 Detailed description: A spectrum graph titled '2.4GHz 2400~2483.5MHz Band Edge @ 3m' showing signal level in dBm/V/m versus frequency in MHz. The x-axis ranges from 2420 to 2500 MHz, and the y-axis ranges from 10.0 to 140.0 dBm/V/m. A blue curve shows a sharp peak at approximately 2437 MHz, labeled 'PEAK_BE_74'. Technical parameters listed below the graph include Site: DUGH1-HY, Condition: PEAK_BE_74 3m HORN 91200-HF HORIZONTAL, Detector: RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto, Project: 91641, and Setting: 21.5.  <b>Left blank</b>	
Avg.	 Detailed description: A spectrum graph titled '2.4GHz 2400~2483.5MHz Band Edge @ 3m' showing signal level in dBm/V/m versus frequency in MHz. The x-axis ranges from 2420 to 2500 MHz, and the y-axis ranges from 10.0 to 140.0 dBm/V/m. A blue curve shows a broad average level at approximately 2437 MHz, labeled 'AVG_BE_54'. Technical parameters listed below the graph include Site: DUGH1-HY, Condition: AVG_BE_54 3m HORN 91200-HF HORIZONTAL, Detector: RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto, Project: 91641, and Setting: 21.5.  <b>Left blank</b>	



# FCC RADIO TEST REPORT

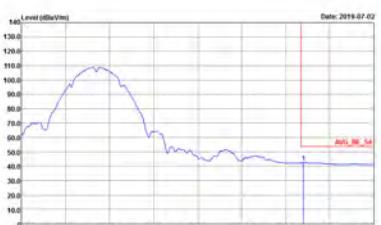
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
2	Vertical	Fundamental
Peak	 Site: 03CH11-HY Condition: PEAK_BE_74_3m_HORN_91200-HF_VERTICAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 21.5	 Site: 03CH11-HY Condition: PEAK_74_3m_HORN_91200-HF_VERTICAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 21.5
Avg.	 Site: 03CH11-HY Condition: AVG_BE_54_3m_HORN_91200-HF_VERTICAL RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector: Peak Project: 911641 Setting: 21.5	 Site: 03CH11-HY Condition: AVG_54_3m_HORN_91200-HF_VERTICAL RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector: Peak Project: 911641 Setting: 21.5



# FCC RADIO TEST REPORT

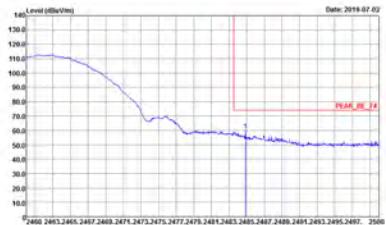
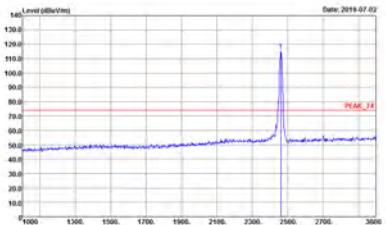
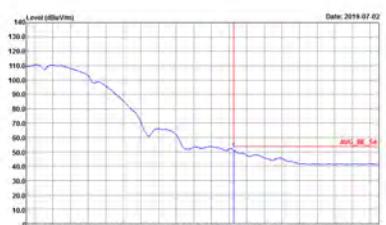
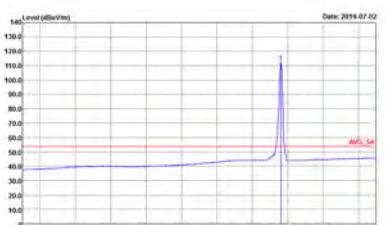
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site : GU4HT-HY Condition : PEAK_BE_74_3m_HORN_91200-HF_VERTICAL Detector : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Project : Peak Setting : 911641 : 21.5</p>	Left blank
Avg.	 <p>Site : GU4HT-HY Condition : AVG_BE_54_3m_HORN_91200-HF_VERTICAL Detector : RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Project : Peak Setting : 911641 : 21.5</p>	Left blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
2	Horizontal	Fundamental
Peak	 <p>Site : D34H1-HY Condition : PFAK_BE_74_3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 21</p>	 <p>Site : D34H1-HY Condition : PFAK_74_m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 21</p>
Avg.	 <p>Site : D34H1-HY Condition : AVG_BE_54_3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector : Peak Project : 911641 Setting : 21</p>	 <p>Site : D34H1-HY Condition : AVG_54_m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector : Peak Project : 911641 Setting : 21</p>



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
2	Vertical	Fundamental
Peak	 Site : D3CH11-HY Condition : PEAK_BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000Hz VBW:3000.0000Hz SW:Auto Detector : Peak Project : 911641 Setting : 21	 Site : D3CH11-HY Condition : PEAK_BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000Hz VBW:3000.0000Hz SW:Auto Detector : Peak Project : 911641 Setting : 21
Avg.	 Site : D3CH11-HY Condition : AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000Hz VBW:0.0100Hz SW:Auto Detector : Peak Project : 911641 Setting : 21	 Site : D3CH11-HY Condition : AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000Hz VBW:0.0100Hz SW:Auto Detector : Peak Project : 911641 Setting : 21



## 2.4GHz 2400~2483.5MHz

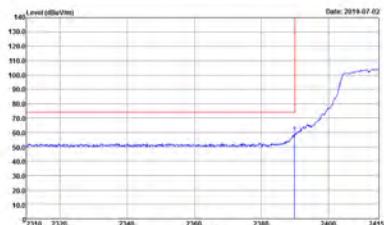
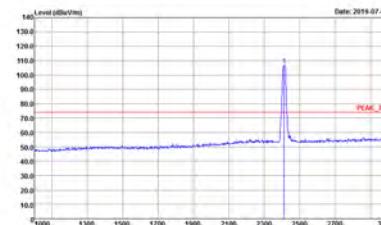
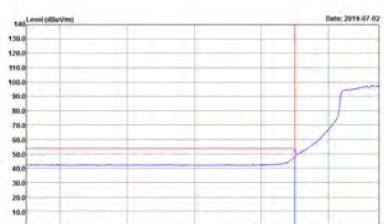
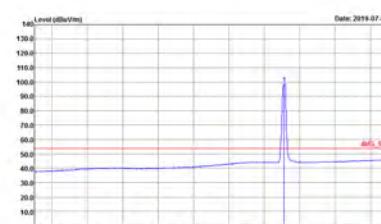
## WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH1-HV Condition : PFAK_BE_74_3m_HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VSWR:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 15	 Site : 03CH1-HV Condition : PFAK_BE_74_3m_HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VSWR:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 15
Avg.	 Site : 03CH1-HV Condition : AVG_BE_54_3m_HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VSWR:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 15	 Site : 03CH1-HV Condition : AVG_BE_54_3m_HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VSWR:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 15



# FCC RADIO TEST REPORT

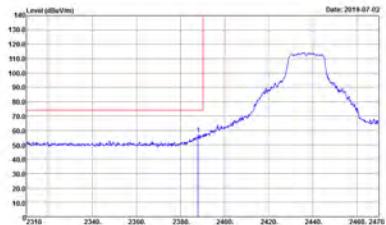
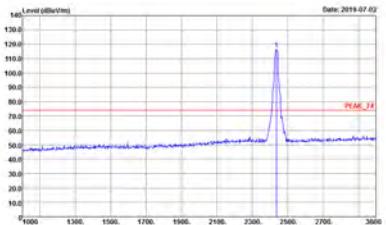
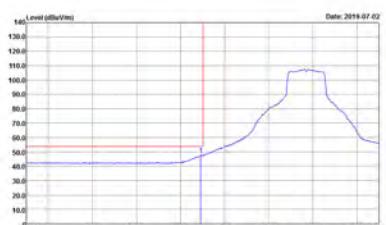
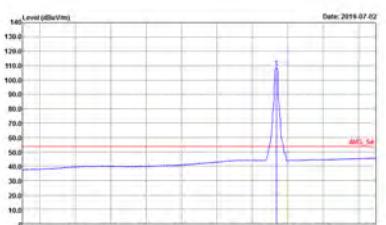
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
2	Vertical	Fundamental
Peak	 <p>Date: 2019-07-02 Site : 03CH11-HY Condition : PFAK_BE_74.3m HORN 91200-HF VERTICAL : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 15</p>	 <p>Date: 2019-07-02 Site : 03CH11-HY Condition : PFAK_74.3m HORN 91200-HF VERTICAL : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 15</p>
Avg.	 <p>Date: 2019-07-02 Site : 03CH11-HY Condition : AVG_BE_54.3m HORN 91200-HF VERTICAL : RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 15</p>	 <p>Date: 2019-07-02 Site : 03CH11-HY Condition : AVG_54.3m HORN 91200-HF VERTICAL : RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 15</p>



# FCC RADIO TEST REPORT

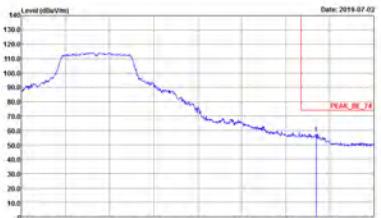
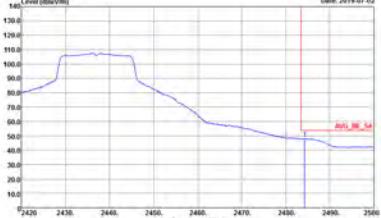
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
2	Horizontal	Fundamental
Peak	 <p>Date: 2019-07-02 Site : D3CH11-HY Condition : PEAK, BE_74.3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VSW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 21.5</p>	 <p>Date: 2019-07-02 Site : D3CH11-HY Condition : PEAK, 74.3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VSW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 21.5</p>
Avg.	 <p>Date: 2019-07-02 Site : D3CH11-HY Condition : AVG_BE_54.3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VSW:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 21.5</p>	 <p>Date: 2019-07-02 Site : D3CH11-HY Condition : AVG_54.3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VSW:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 21.5</p>



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site : DUGH11-HV Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 21.5</p>	Left blank
Avg.	 <p>Site : DUGH11-HV Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 21.5</p>	Left blank



# FCC RADIO TEST REPORT

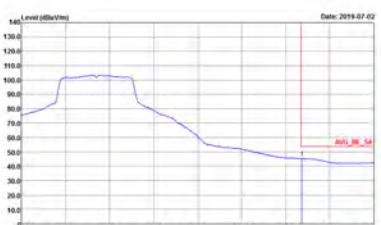
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK, BE_74.3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 21.5	 Site : 03CH11-HY Condition : PEAK, 74.3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 21.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54.3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 21.5	 Site : 03CH11-HY Condition : AVG_54.3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 21.5



# FCC RADIO TEST REPORT

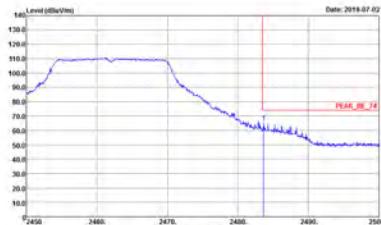
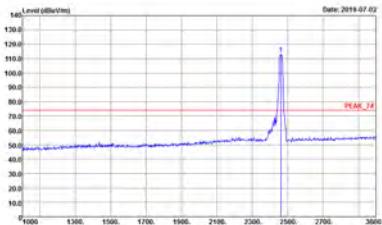
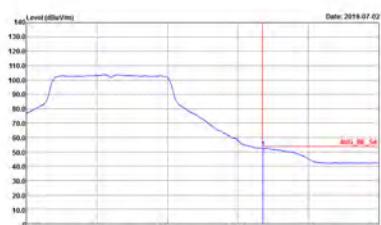
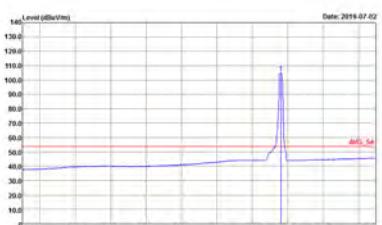
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : 88W:3000.0000-tz VBW:3000.0000-tz SW:Auto Project : 911641 Setting : 21.5</p>	Left Blank
Avg.	 <p>Site Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : 88W:1000.0000-tz VBW:1000.0000-tz SW:Auto Project : 911641 Setting : 21.5</p>	Left Blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
2	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74_3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 18</p>	 <p>Site : 03CH11-HY Condition : PEAK_74_3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 18</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54_3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 18</p>	 <p>Site : 03CH11-HY Condition : AVG_54_3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 18</p>



# FCC RADIO TEST REPORT

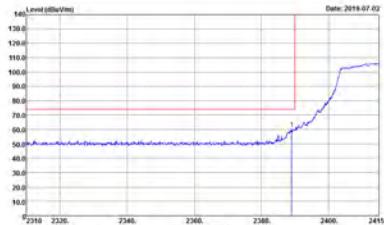
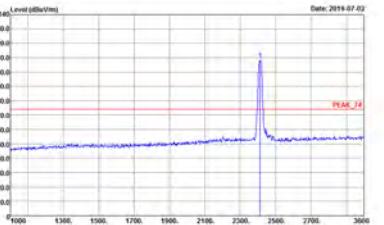
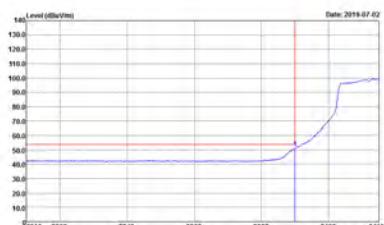
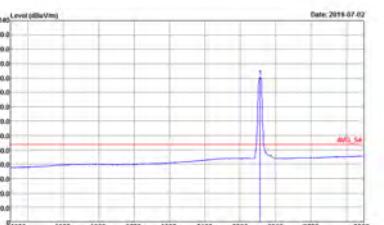
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PFAK_BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 18	 Site : 03CH11-HY Condition : PFAK_74_m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 18
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 18	 Site : 03CH11-HY Condition : AVG_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 18



## 2.4GHz 2400~2483.5MHz

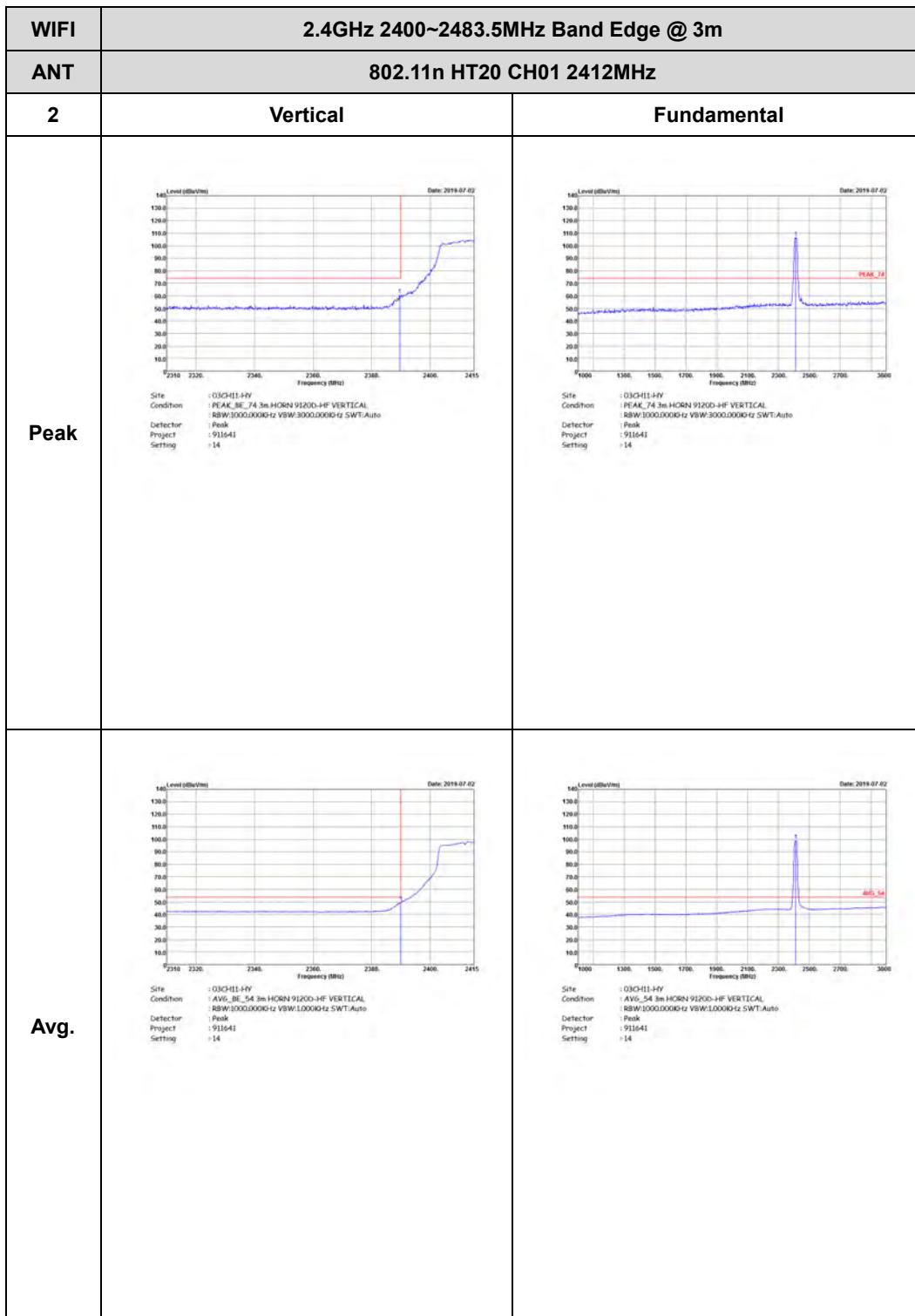
## WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH1-HV Condition : PEAK_BE_74_3m_HORN 91200-HF HORIZONTAL : RBW:3000.0000Hz VSWR:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : >14	 Site : 03CH1-HV Condition : PEAK_74_3m_HORN 91200-HF HORIZONTAL : RBW:3000.0000Hz VSWR:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : >14
Avg.	 Site : 03CH1-HV Condition : AVG_BE_54_3m_HORN 91200-HF HORIZONTAL : RBW:1000.0000Hz VSWR:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : >14	 Site : 03CH1-HV Condition : AVG_54_3m_HORN 91200-HF HORIZONTAL : RBW:1000.0000Hz VSWR:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : >14



# FCC RADIO TEST REPORT

Report No. : FR911641C





# FCC RADIO TEST REPORT

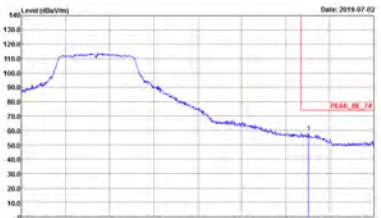
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
2	Horizontal	Fundamental
Peak	 Site: 03CH11-HY Condition: PEAK, BE_74.3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VSW:3000.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 21.5	 Site: 03CH11-HY Condition: PEAK, 74.3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VSW:3000.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 21.5
Avg.	 Site: 03CH11-HY Condition: AVG_BE_54.3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VSW:1.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 21.5	 Site: 03CH11-HY Condition: AVG_54.3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VSW:1.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 21.5



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site : 034H11-HV Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 21.5</p>	Left blank
Avg.	 <p>Site : 034H11-HV Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 21.5</p>	Left blank



# FCC RADIO TEST REPORT

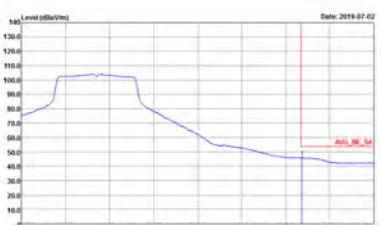
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
2	Vertical	Fundamental
Peak	 Site: 03CH11-HY Condition: PEAK_BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 21.5	 Site: 03CH11-HY Condition: PEAK_BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 21.5
Avg.	 Site: 03CH11-HY Condition: AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 21.5	 Site: 03CH11-HY Condition: AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 21.5



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site Condition : 034HBL-HV Site Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Project : Peak Setting : 911641 Setting : 21.5</p>	Left Blank
Avg.	 <p>Site Condition : 034HBL-HV Site Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Project : Peak Setting : 911641 Setting : 21.5</p>	Left Blank



# FCC RADIO TEST REPORT

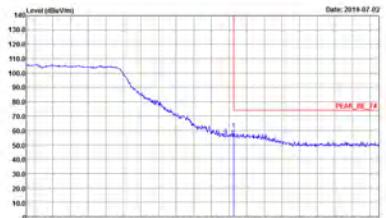
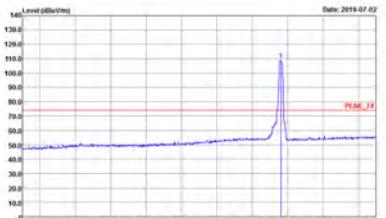
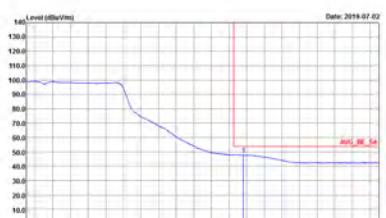
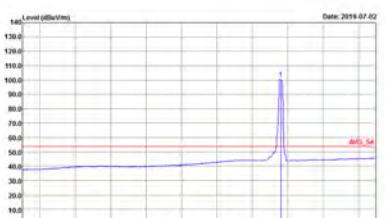
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
2	Horizontal	Fundamental
Peak	 Site: 03CH11-HY Condition: PEAK_BE_74_3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 17.5	 Site: 03CH11-HY Condition: PEAK_BE_74_3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 17.5
Avg.	 Site: 03CH11-HY Condition: AVG_BE_54_3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 17.5	 Site: 03CH11-HY Condition: AVG_BE_54_3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 17.5



# FCC RADIO TEST REPORT

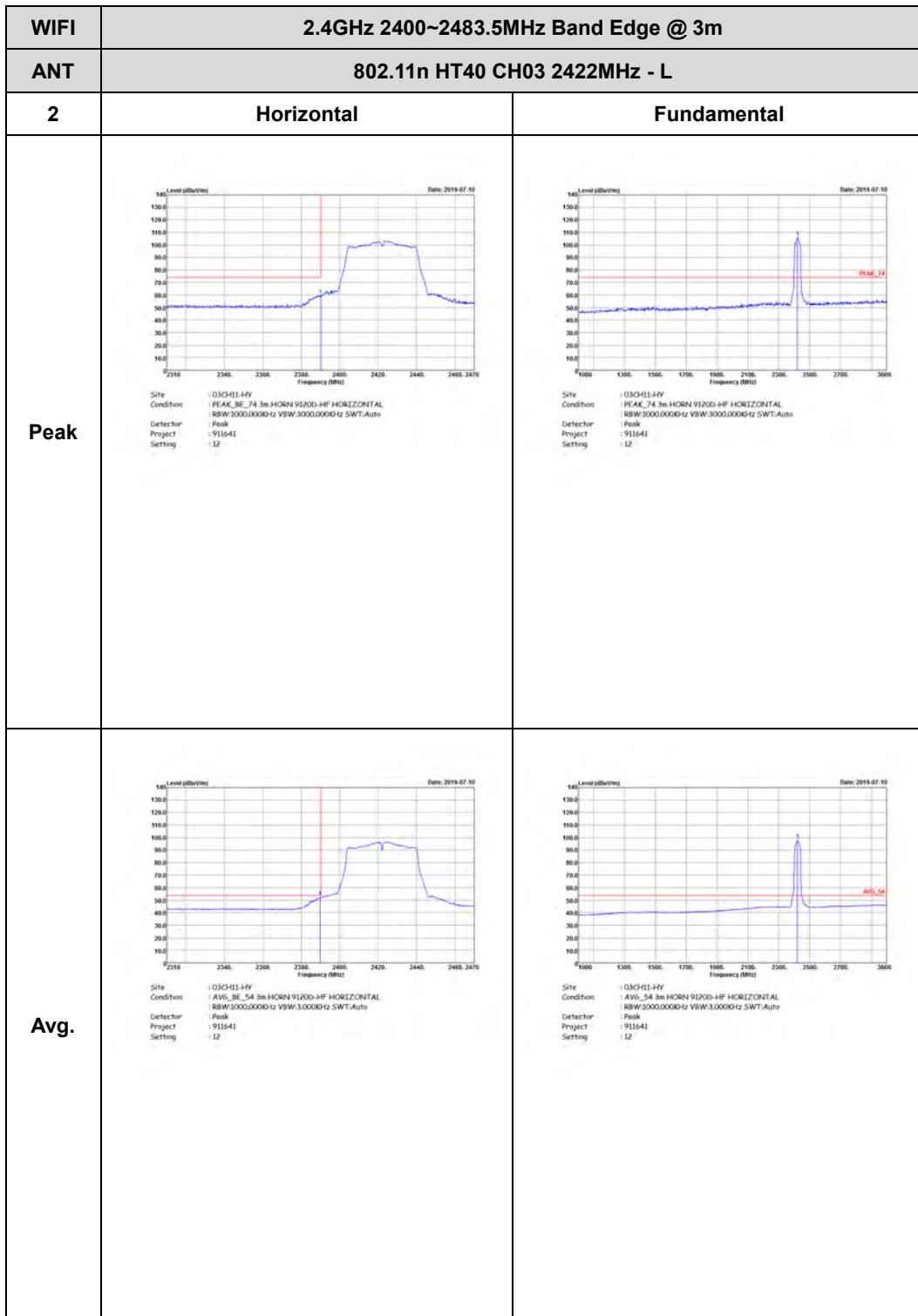
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
2	Vertical	Fundamental
Peak	 <p>Site : D3CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 17.5</p>	 <p>Site : D3CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 17.5</p>
Avg.	 <p>Site : D3CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 17.5</p>	 <p>Site : D3CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 17.5</p>



## 2.4GHz 2400~2483.5MHz

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





# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
2	Horizontal	Fundamental
Peak	 Detailed description: A spectrum plot titled 'Date: 2019-07-10'. The Y-axis is 'Level (dBm/Vm)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2560. A blue line shows a signal starting at ~100 dBm, dropping to ~50 dBm at 2483.5 MHz, and then remaining flat. A red step-like line indicates the noise floor. A red box highlights the peak at 2483.5 MHz with the label 'PEAK_BE_74'. Below the plot are test parameters: Site : D3CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Project : 911641 Setting : 12	Left Blank
Avg.	 Detailed description: A spectrum plot titled 'Date: 2019-07-10'. The Y-axis is 'Level (dBm/Vm)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2560. A blue line shows a signal starting at ~100 dBm, dropping to ~50 dBm at 2483.5 MHz, and then remaining flat. A red step-like line indicates the noise floor. A red box highlights the peak at 2483.5 MHz with the label 'AVG_BE_54'. Below the plot are test parameters: Site : D3CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Project : 911641 Setting : 12	Left Blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
2	Vertical	Fundamental
Peak	 Site: 03CH11-HY Condition: PFAK, BE_74.3m HORN 91200-HF VERTICAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 12	 Site: 03CH11-HY Condition: PFAK, 74.3m HORN 91200-HF VERTICAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 12
Avg.	 Site: 03CH11-HY Condition: AVG_BE_54.3m HORN 91200-HF VERTICAL RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 12	 Site: 03CH11-HY Condition: AVG_54.3m HORN 91200-HF VERTICAL RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector: Peak Project: 911641 Setting: 12



# FCC RADIO TEST REPORT

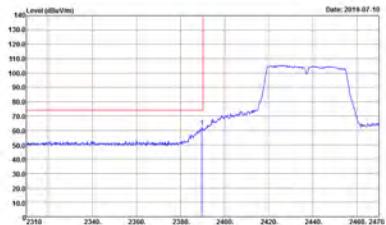
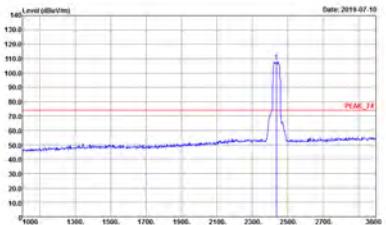
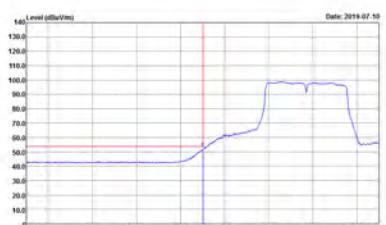
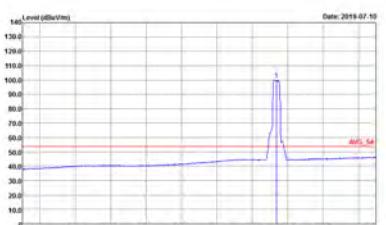
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
2	Vertical	Fundamental
Peak	<p>Graph showing the spectrum level (dBm/V/m) versus frequency (MHz). The x-axis ranges from 2420 to 2500 MHz, and the y-axis ranges from 10.0 to 140.0 dBm/V/m. A blue line shows a sharp peak at approximately 2422 MHz, reaching about 100 dBm/V/m. A red step function indicates the band edge. Text below the graph provides test conditions: Site: D3GH1-HY, Condition: PEAK_BE_74_3m_HORN_91200-HF_VERTICAL, Detector: RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto, Project: 911641, Setting: 12.</p>	Left blank
Avg.	<p>Graph showing the spectrum level (dBm/V/m) versus frequency (MHz). The x-axis ranges from 2420 to 2500 MHz, and the y-axis ranges from 10.0 to 140.0 dBm/V/m. A blue line shows a broad average level across the band edge, ranging from approximately 40 to 60 dBm/V/m. A red step function indicates the band edge. Text below the graph provides test conditions: Site: D3GH1-HY, Condition: AVG_BE_54_3m_HORN_91200-HF_VERTICAL, Detector: RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto, Project: 911641, Setting: 12.</p>	Left blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
2	Horizontal	Fundamental
Peak	 <p>Date: 2019-07-10 Site : D3CH11-HY Condition : PFAK, BE_74.3m HORN 91200-HF HORIZONTAL : RBW:3000.0000Hz VSW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5</p>	 <p>Date: 2019-07-10 Site : D3CH11-HY Condition : PFAK, 74.3m HORN 91200-HF HORIZONTAL : RBW:3000.0000Hz VSW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5</p>
Avg.	 <p>Date: 2019-07-10 Site : D3CH11-HY Condition : AVG_BE_54.3m HORN 91200-HF HORIZONTAL : RBW:1000.0000Hz VSW:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5</p>	 <p>Date: 2019-07-10 Site : D3CH11-HY Condition : AVG_54.3m HORN 91200-HF HORIZONTAL : RBW:1000.0000Hz VSW:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5</p>



# FCC RADIO TEST REPORT

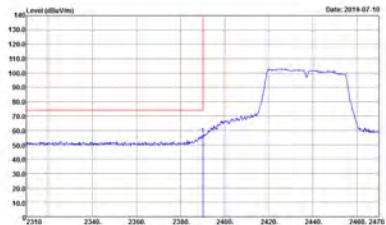
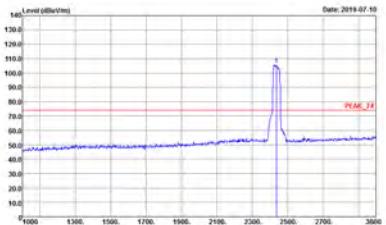
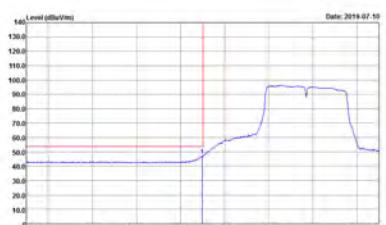
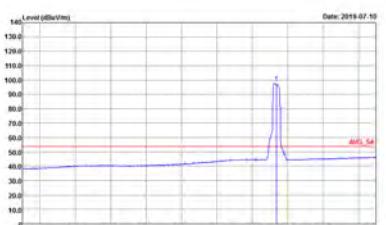
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	<p>Date: 2019-07-10 Site : D3GH1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Project : 911641 Setting : 16.5</p>	Left blank
Avg.	<p>Date: 2019-07-10 Site : D3GH1-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Project : 911641 Setting : 16.5</p>	Left blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
2	Vertical	Fundamental
Peak	 <p>Date: 2019-07-10 Site : D3CH11-HY Condition : PEAK_BE_74.3m HORN 91200-HF VERTICAL : RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5</p>	 <p>Date: 2019-07-10 Site : D3CH11-HY Condition : PEAK_74.3m HORN 91200-HF VERTICAL : RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5</p>
Avg.	 <p>Date: 2019-07-10 Site : D3CH11-HY Condition : AVG_BE_54.3m HORN 91200-HF VERTICAL : RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5</p>	 <p>Date: 2019-07-10 Site : D3CH11-HY Condition : AVG_54.3m HORN 91200-HF VERTICAL : RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5</p>



# FCC RADIO TEST REPORT

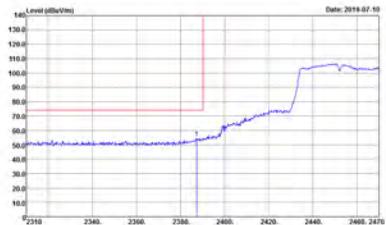
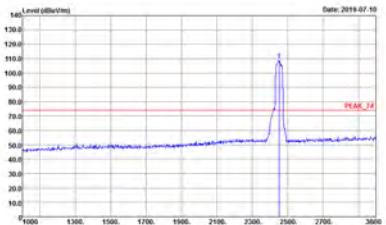
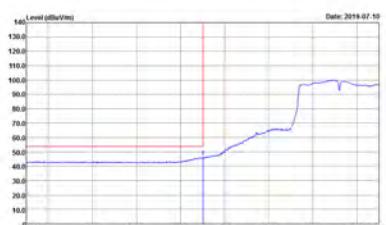
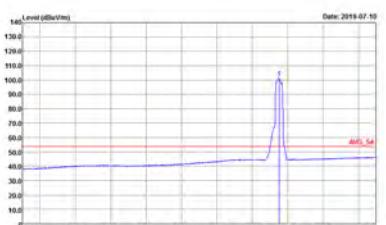
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 Detailed description: A spectrum plot titled 'Date: 2019-07-10'. The Y-axis is 'Level (dBm/Vm)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2560. A blue line shows a signal starting at ~100 dBm, dropping to ~50 dBm at 2437 MHz, and then leveling off. A red vertical line marks the peak at 2437 MHz. Below the plot are the following parameters: Site : D3GH1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 91641 Setting : 16.5	Left blank
Avg.	 Detailed description: A spectrum plot titled 'Date: 2019-07-10'. The Y-axis is 'Level (dBm/Vm)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2560. A blue line shows a signal starting at ~100 dBm, dropping to ~50 dBm at 2437 MHz, and then leveling off. A red vertical line marks the average at 2437 MHz. Below the plot are the following parameters: Site : D3GH1-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Detector : Peak Project : 91641 Setting : 16.5	Left blank



# FCC RADIO TEST REPORT

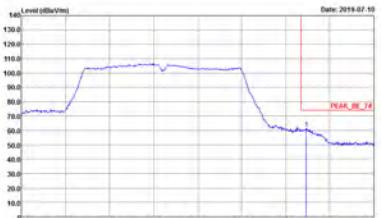
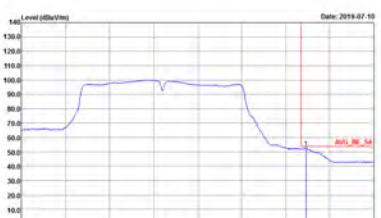
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
2	Horizontal	Fundamental
Peak	 <p>Date: 2019-07-10 Site : D3CH11-HY Condition : PFAK_8E_74_3m_HORN_91200-HF_HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5</p>	 <p>Date: 2019-07-10 Site : D3CH11-HY Condition : PFAK_74_3m_HORN_91200-HF_HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5</p>
Avg.	 <p>Date: 2019-07-10 Site : D3CH11-HY Condition : AVG_BE_54_3m_HORN_91200-HF_HORIZONTAL RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5</p>	 <p>Date: 2019-07-10 Site : D3CH11-HY Condition : AVG_54_3m_HORN_91200-HF_HORIZONTAL RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5</p>



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site : 03GH1-H4 Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5</p>	Left blank
Avg.	 <p>Site : 03GH1-H4 Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5</p>	Left blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
2	Vertical	Fundamental
Peak	 Site : D3CH1-HY Condition : PEAK_BE_74_3m_HORN_91200-HF_VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5	 Site : D3CH1-HY Condition : PEAK_74_3m_HORN_91200-HF_VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5
Avg.	 Site : D3CH1-HY Condition : AVG_BE_54_3m_HORN_91200-HF_VERTICAL RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5	 Site : D3CH1-HY Condition : AVG_54_3m_HORN_91200-HF_VERTICAL RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : 16.5



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
2	Vertical	Fundamental
Peak	<p>Site : GU4HT-14V Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : RSW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Project : 911641 Setting : 16.5</p>	Left blank
Avg.	<p>Site : GU4HT-14V Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : RSW:1000.0000-tz VBW:3.0000-tz SWT:Auto Project : 911641 Setting : 16.5</p>	Left blank



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
2	Horizontal	Vertical
Peak Avg.	<p>Graph showing WiFi 802.11b Horizontal Harmonic Emissions at 3m. The Y-axis is Level (dBuV/m) ranging from 10.0 to 140.0. The X-axis is Frequency (MHz) ranging from 1000 to 25000. A red horizontal line marks the peak level at approximately 74 dBuV/m. A blue vertical bar indicates the emission level at 21 dBuV/m.</p> <p>Site : DSC-H1-HY Condition : PFAC-74 3m HORN 91200-HF HORIZONTAL. Detector : Peak Project : 911641 Power : 21</p>	<p>Graph showing WiFi 802.11b Vertical Harmonic Emissions at 3m. The Y-axis is Level (dBuV/m) ranging from 10.0 to 140.0. The X-axis is Frequency (MHz) ranging from 1000 to 25000. A red horizontal line marks the peak level at approximately 74 dBuV/m. A blue vertical bar indicates the emission level at 21 dBuV/m.</p> <p>Site : DSC-H1-HY Condition : PFAC-74 3m HORN 91200-HF VERTICAL. Detector : Peak Project : 911641 Power : 21</p>



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : DUCHI-HY Condition : PEAK, 74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : 21.5	 Site : DUCHI-HY Condition : PEAK, 74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : 21.5



# FCC RADIO TEST REPORT

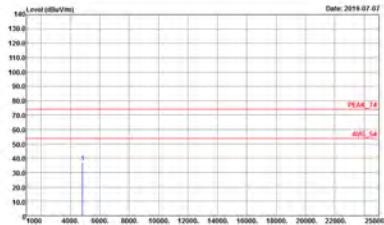
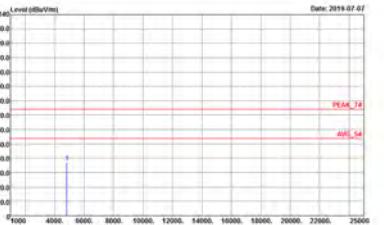
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : DUCH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL. Detector : Peak Project : 911641 Power : 21	 Site : DUCH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL. Detector : Peak Project : 911641 Power : 21



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
2	Horizontal	Vertical
Peak	 <p>Date: 2019-07-01 Site: DUS411-HY Condition: PFACE, 74-3m HORN 91200-HF HORIZONTAL. Detector: Peak Project: 911641 Power: -15</p>	 <p>Date: 2019-07-01 Site: DUS411-HY Condition: PFACE, 74-3m HORN 91200-HF VERTICAL. Detector: Peak Project: 911641 Power: -15</p>
Avg.		



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
2	Horizontal	Vertical
Peak Avg.	<p>Date: 2019-07-01</p> <p>Site: DUCHI-HY Condition: PEAK_74 3m HORN 91200-HF HORIZONTAL Detector: Peak Project: 911641 Power: 21.5</p>	<p>Date: 2019-07-01</p> <p>Site: DUCHI-HY Condition: PEAK_74 3m HORN 91200-HF VERTICAL Detector: Peak Project: 911641 Power: 21.5</p>



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
2	Horizontal	Vertical
Peak Avg.	<p>Date: 2019-07-01</p> <p>Site: DUCH11-HY Condition: PEAK_78 3m HORN 91200-HF HORIZONTAL Detector: Peak Project: 911641 Power: 18</p>	<p>Date: 2019-07-01</p> <p>Site: DUCH11-HY Condition: PEAK_78 3m HORN 91200-HF VERTICAL Detector: Peak Project: 911641 Power: 18</p>



## 2.4GHz 2400~2483.5MHz

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

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
2	Horizontal	Vertical
Peak Avg.	<p>Site : DSC-H1-HY Condition : PFACE, 74 3m HORN 91200-HF HORIZONTAL. Detector : Peak Project : 911641 Power : 14.5</p>	<p>Site : DSC-H1-HY Condition : PFACE, 74 3m HORN 91200-HF VERTICAL. Detector : Peak Project : 911641 Power : 14.5</p>



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH06 2437MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : 21.5 Date: 2019-07-09	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : 21.5 Date: 2019-07-09



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : DUCH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : 17.5 Date: 2019-07-09	 Site : DUCH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : 17.5 Date: 2019-07-09



## 2.4GHz 2400~2483.5MHz

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

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH03 2422MHz	
2	Horizontal	Vertical
Peak Avg.	<p>Date: 2019-07-09</p> <p>Site : DUS4H1-HY Condition : PFACE, 74.3m HORN 91200-HF HORIZONTAL. Detector : Peak Project : 911641 Power : 12</p> <p>Date: 2019-07-09</p> <p>Site : DUS4H1-HY Condition : PFACE, 74.3m HORN 91200-HF VERTICAL. Detector : Peak Project : 911641 Power : 12</p>	



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH06 2437MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : 16.5 Date: 2019-07-09	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : 16.5 Date: 2019-07-09



# FCC RADIO TEST REPORT

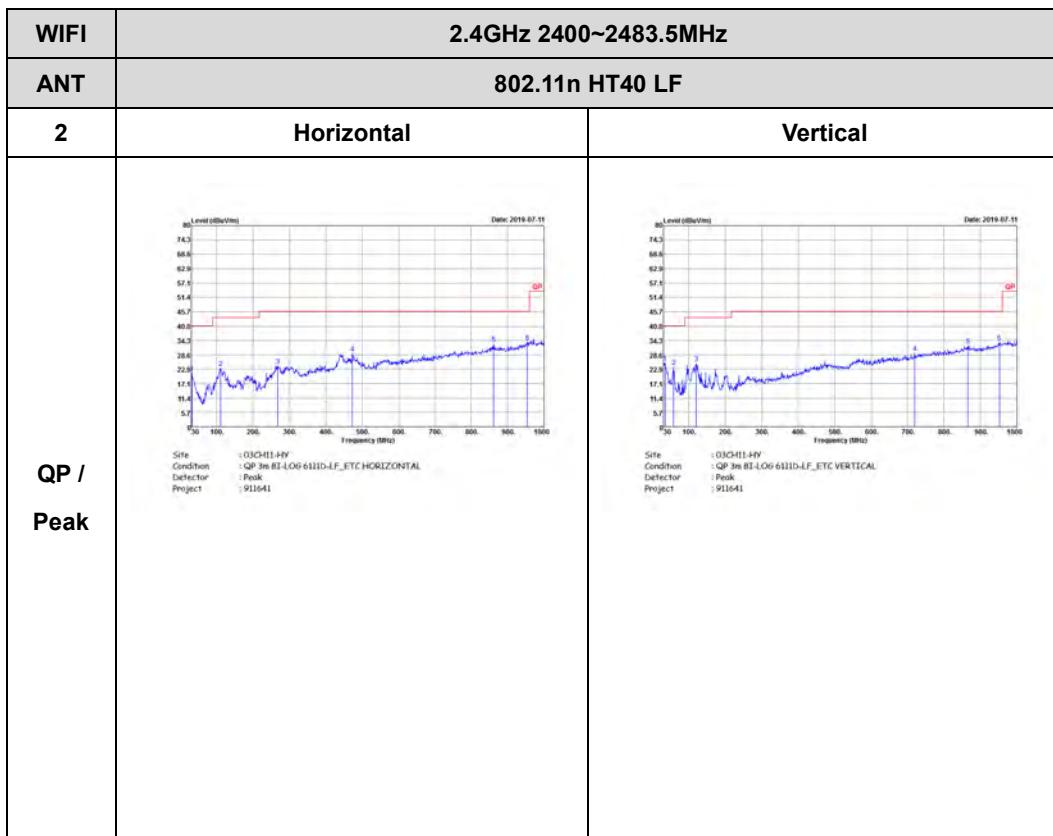
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH09 2452MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : 16.5	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : 16.5



## Emission below 1GHz

## 2.4GHz WIFI 802.11n HT40 (LF)





## &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 CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH1-HV Condition : PEAK_BE_74_3m.HORN 9120D-HF HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : <21	 Site : 03CH1-HV Condition : PEAK_74_3m.HORN 9120D-HF HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : <21
Avg.	 Site : 03CH1-HV Condition : AVG_BE_54_3m.HORN 9120D-HF HORIZONTAL RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector : Peak Project : 911641 Power : <21	 Site : 03CH1-HV Condition : AVG_54_3m.HORN 9120D-HF HORIZONTAL RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector : Peak Project : 911641 Power : <21



# FCC RADIO TEST REPORT

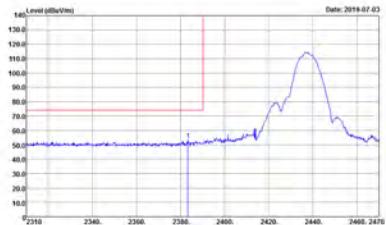
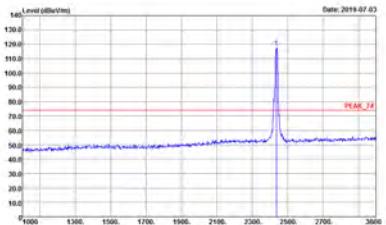
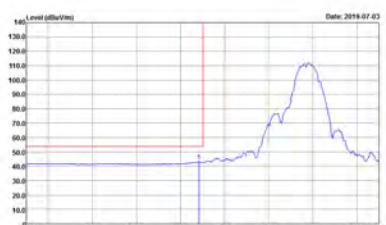
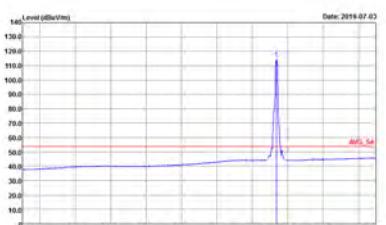
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74.3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21	 Site : 03CH11-HY Condition : PEAK_74.3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54.3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector : Peak Project : 911641 Power : 21	 Site : 03CH11-HY Condition : AVG_54.3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector : Peak Project : 911641 Power : 21



# FCC RADIO TEST REPORT

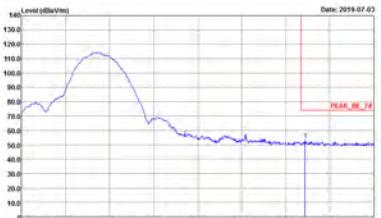
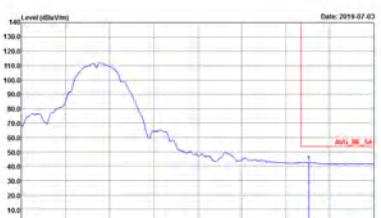
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 <p>Site : D3CH11-HY Condition : PEAK_BE_74_3m_HORN_91200-HF_HORIZONTAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21.5</p>	 <p>Site : D3CH11-HY Condition : PEAK_BE_74_3m_HORN_91200-HF_HORIZONTAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21.5</p>
Avg.	 <p>Site : D3CH11-HY Condition : AVG_BE_54_3m_HORN_91200-HF_HORIZONTAL RBW:1000.0000-tz VBW:0.010Hz SWT:Auto Detector : Peak Project : 911641 Power : 21.5</p>	 <p>Site : D3CH11-HY Condition : AVG_BE_54_3m_HORN_91200-HF_HORIZONTAL RBW:1000.0000-tz VBW:0.010Hz SWT:Auto Detector : Peak Project : 911641 Power : 21.5</p>



# FCC RADIO TEST REPORT

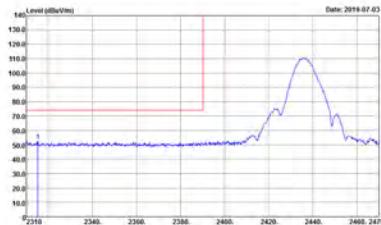
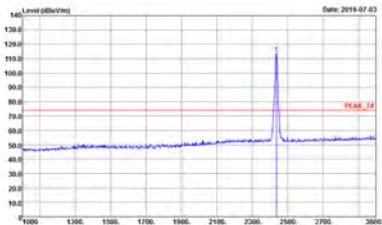
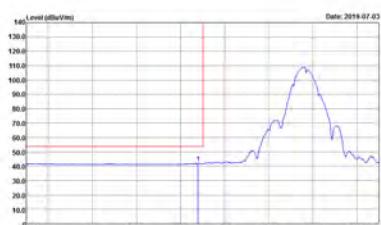
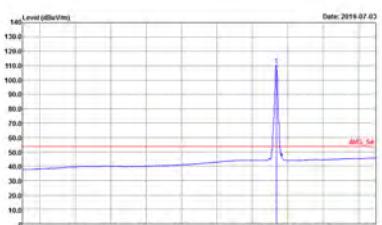
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Site : D3GH1-HY Condition : PEAK_BE_74 3m HORN 91200-MHz HORIZONTAL Detector : RBW:3000.0000-tz VBW:3000.0000-tz SWL:Auto Project : 911641 Power : 21.5</p>	Left blank
Avg.	 <p>Site : D3GH1-HY Condition : AVG_BE_54 3m HORN 91200-MHz HORIZONTAL Detector : RBW:1000.0000-tz VBW:0.0100-tz SWL:Auto Project : 911641 Power : 21.5</p>	Left blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 <p>Site : D3CH11-HY Condition : PEAK_BE_74_3m_HORN_91200-HF_VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21.5</p>	 <p>Site : D3CH11-HY Condition : PEAK_BE_74_3m_HORN_91200-HF_VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21.5</p>
Avg.	 <p>Site : D3CH11-HY Condition : AVG_BE_54_3m_HORN_91200-HF_VERTICAL RBW:1000.0000-tz VBW:0.010Hz SWT:Auto Detector : Peak Project : 911641 Power : 21.5</p>	 <p>Site : D3CH11-HY Condition : AVG_BE_54_3m_HORN_91200-HF_VERTICAL RBW:1000.0000-tz VBW:0.010Hz SWT:Auto Detector : Peak Project : 911641 Power : 21.5</p>



# FCC RADIO TEST REPORT

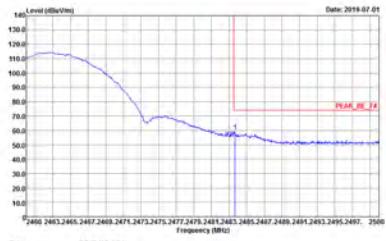
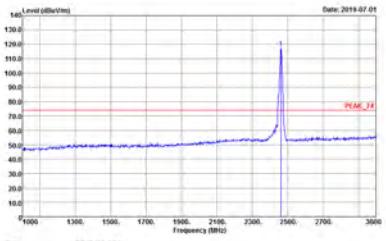
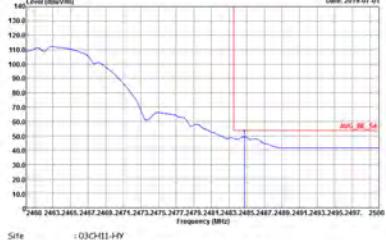
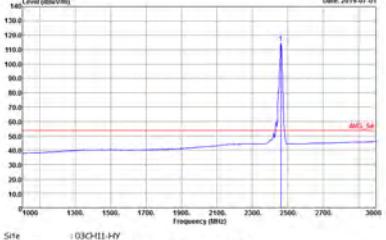
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Detailed description: A spectrum graph titled 'Date: 2019-07-03'. The Y-axis is 'Level (dBmV/m)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2500. A blue curve shows a prominent peak at approximately 2437 MHz labeled 'PEAK_BE_74'. Below the graph are the following parameters: Site : D3GH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : <21.5	Left blank
Avg.	 Detailed description: A spectrum graph titled 'Date: 2019-07-03'. The Y-axis is 'Level (dBmV/m)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2500. A blue curve shows a broad average level across the band edge labeled 'AVG_BE_54'. Below the graph are the following parameters: Site : D3GH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector : Peak Project : 911641 Power : <21.5	Left blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74_3m HORN 91200-HF HORIZONTAL Detector : RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Project : Peak Power : 911641 Power : 21.5</p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74_3m HORN 91200-HF HORIZONTAL Detector : RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Project : Peak Power : 911641 Power : 21.5</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54_3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Project : Peak Power : 911641 Power : 21.5</p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54_3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Project : Peak Power : 911641 Power : 21.5</p>



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site: D3CH11-HY Condition: PFAK_BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector: Peak Project: 911641 Power: -21.5	 Site: D3CH11-HY Condition: PFAK_74_m HORN 91200-HF VERTICAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector: Peak Project: 911641 Power: -21.5
Avg.	 Site: D3CH11-HY Condition: AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector: Peak Project: 911641 Power: -21.5	 Site: D3CH11-HY Condition: AVG_54_3m HORN 91200-HF VERTICAL RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector: Peak Project: 911641 Power: -21.5



## 2.4GHz 2400~2483.5MHz

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

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH1-HV Condition : PFAK_BE_74_3m_HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VSWR:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : +14.5	 Site : 03CH1-HV Condition : PFAK_BE_74_3m_HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VSWR:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : +14.5
Avg.	 Site : 03CH1-HV Condition : AVG_BE_54_3m_HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VSWR:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : +14.5	 Site : 03CH1-HV Condition : AVG_BE_54_3m_HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VSWR:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : +14.5



# FCC RADIO TEST REPORT

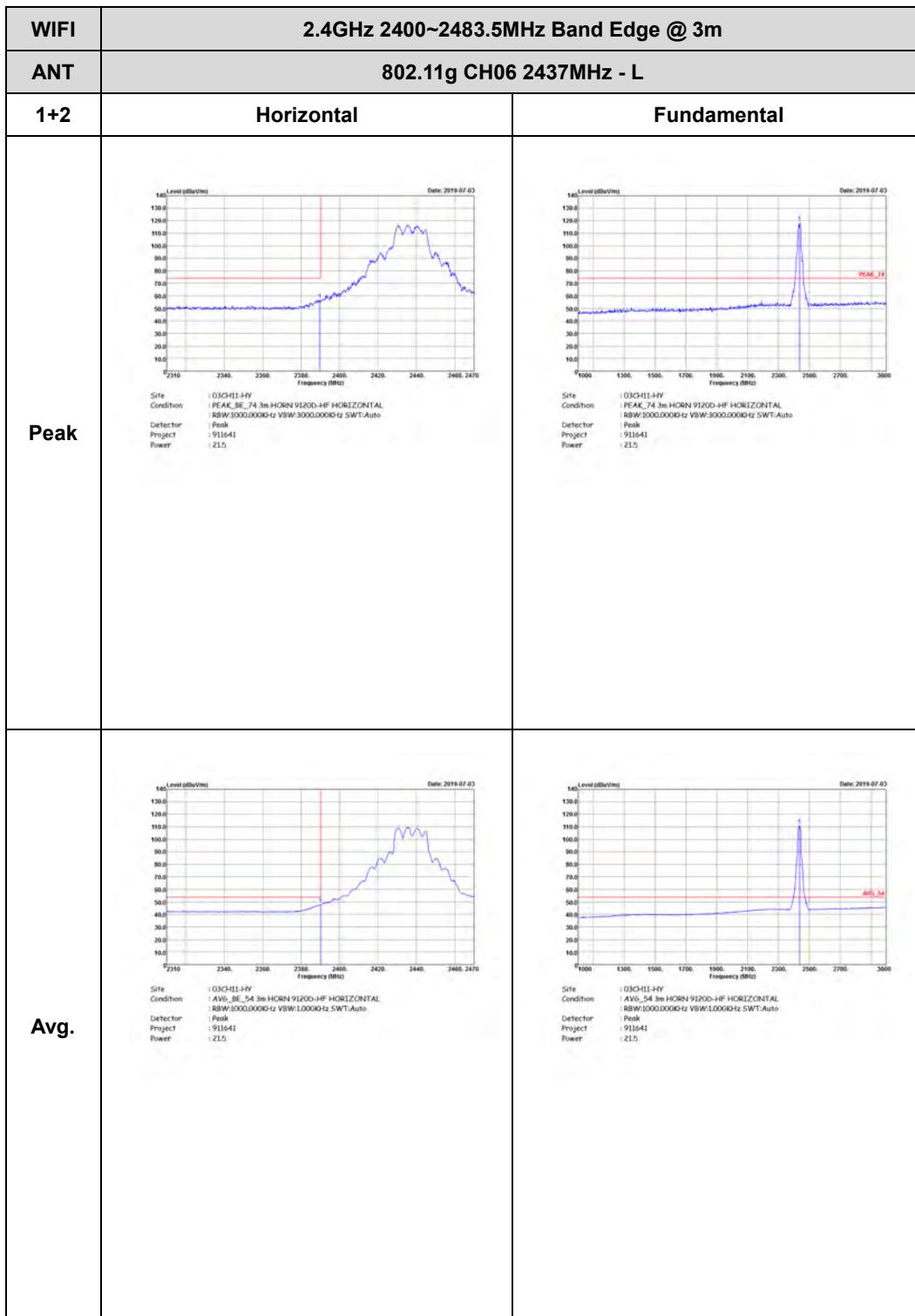
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 14.5	 Site : 03CH11-HY Condition : PEAK_74_m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 14.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 14.5	 Site : 03CH11-HY Condition : AVG_54_m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 14.5



# FCC RADIO TEST REPORT

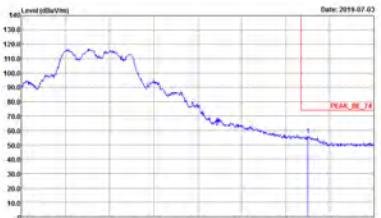
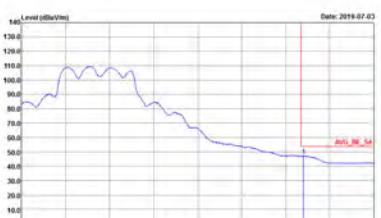
Report No. : FR911641C





# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03GH11-HV Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21.5</p>	Left blank
Avg.	 <p>Site : 03GH11-HV Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21.5</p>	Left blank



# FCC RADIO TEST REPORT

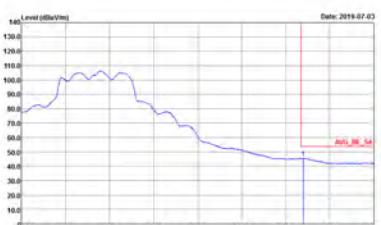
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site: 03CH11-HY Condition: PEAK_BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector: Peak Project: 911641 Power: 21.5	 Site: 03CH11-HY Condition: PEAK_74_3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector: Peak Project: 911641 Power: 21.5
Avg.	 Site: 03CH11-HY Condition: AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector: Peak Project: 911641 Power: 21.5	 Site: 03CH11-HY Condition: AVG_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector: Peak Project: 911641 Power: 21.5



# FCC RADIO TEST REPORT

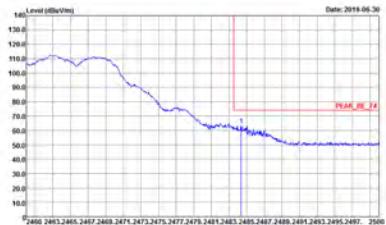
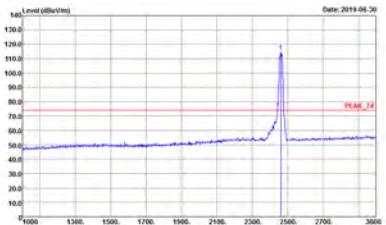
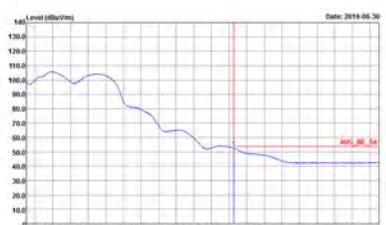
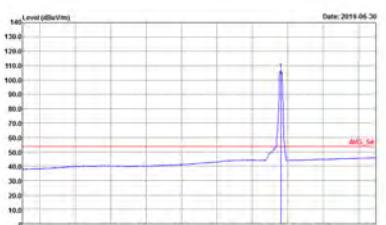
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Site : 034H11-HV Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21.5</p>	Left Blank
Avg.	 <p>Site : 034H11-HV Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21.5</p>	Left Blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74_3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : +17</p>	 <p>Site : 03CH11-HY Condition : PEAK_74_m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : +17</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54_3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : +17</p>	 <p>Site : 03CH11-HY Condition : AVG_54_m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : +17</p>



# FCC RADIO TEST REPORT

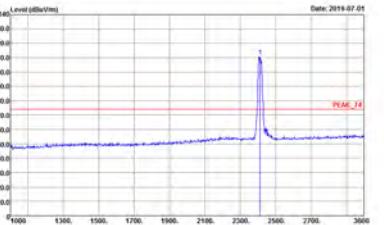
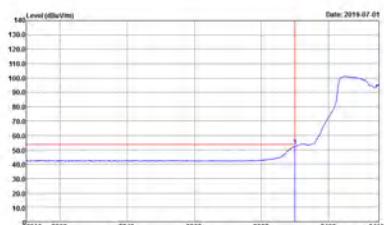
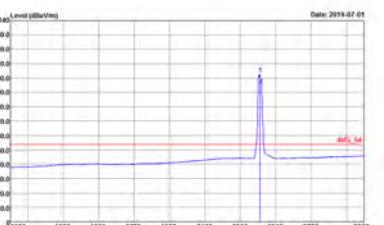
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site: D34H1-HY Condition: PEAK_BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000Hz VBW:3000.0000Hz SW:Auto Detector: Peak Project: 911641 Power: +17	 Site: D34H1-HY Condition: PEAK_BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000Hz VBW:3000.0000Hz SW:Auto Detector: Peak Project: 911641 Power: +17
Avg.	 Site: D34H1-HY Condition: AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000Hz VBW:1.0000Hz SW:Auto Detector: Peak Project: 911641 Power: +17	 Site: D34H1-HY Condition: AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000Hz VBW:1.0000Hz SW:Auto Detector: Peak Project: 911641 Power: +17



## 2.4GHz 2400~2483.5MHz

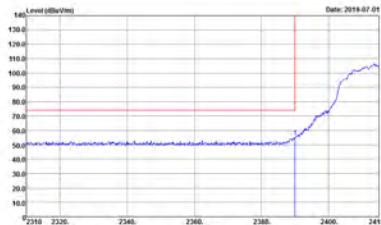
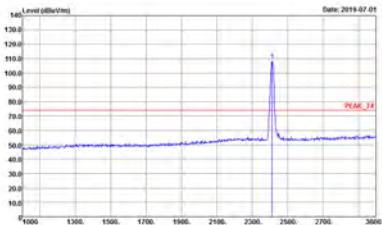
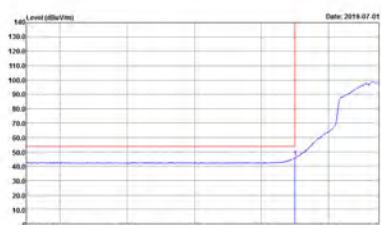
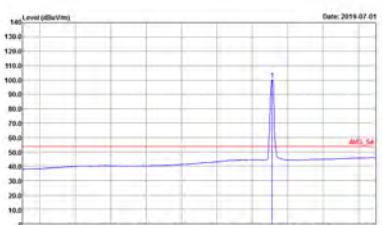
## WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH1-HV Condition : PFAK_BE_74_3m_HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VSWR:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : +13.5	 Site : 03CH1-HV Condition : PFAK_74_3m_HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VSWR:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : +13.5
Avg.	 Site : 03CH1-HV Condition : AVG_BE_54_3m_HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VSWR:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : +13.5	 Site : 03CH1-HV Condition : AVG_54_3m_HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VSWR:1.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : +13.5



# FCC RADIO TEST REPORT

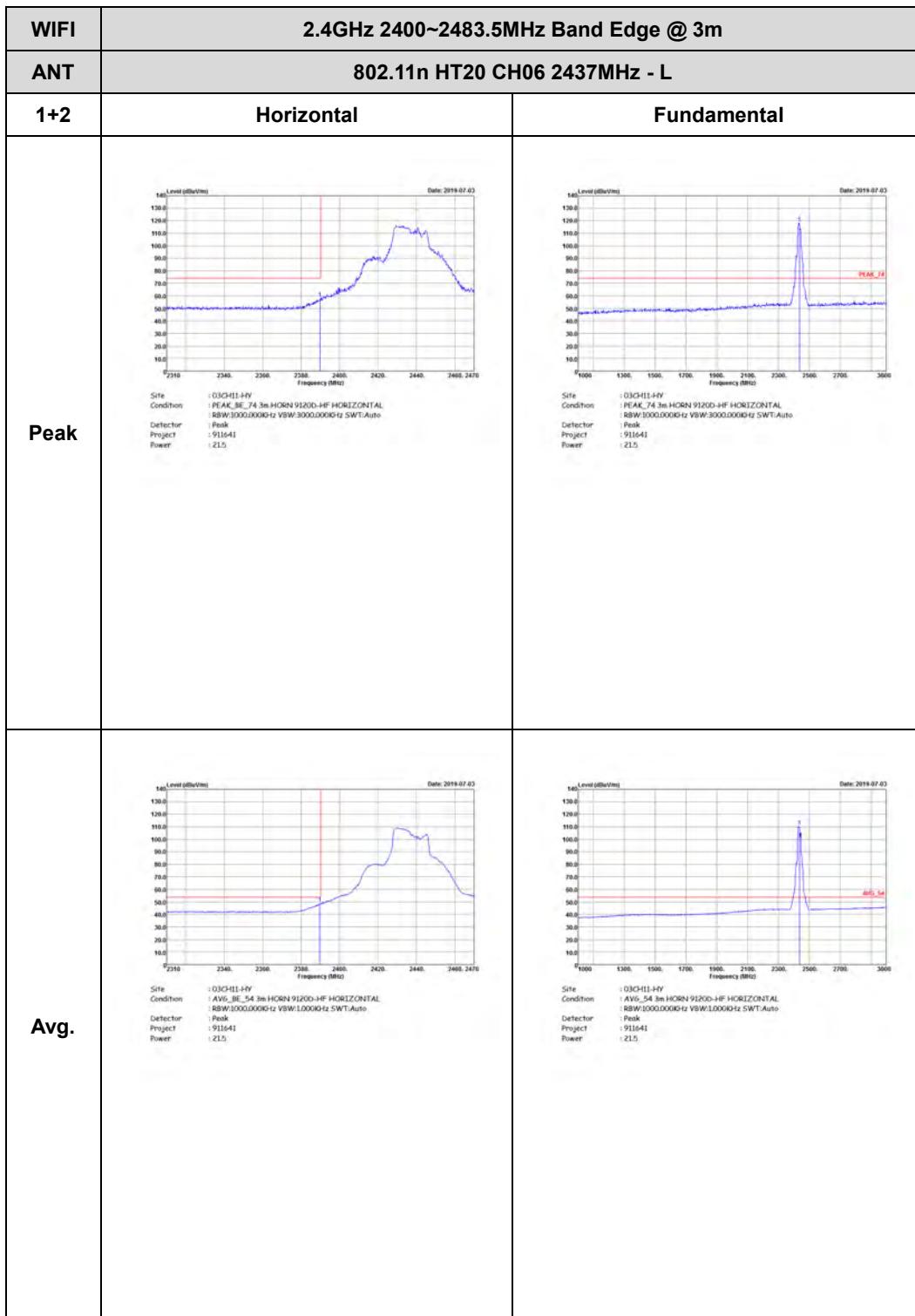
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PFAK_BE_74.3m HORN 91200-HF VERTICAL : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : +13.5</p>	 <p>Site : 03CH11-HY Condition : PFAK_74.3m HORN 91200-HF VERTICAL : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : +13.5</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54.3m HORN 91200-HF VERTICAL : RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : +13.5</p>	 <p>Site : 03CH11-HY Condition : AVG_54.3m HORN 91200-HF VERTICAL : RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : +13.5</p>



# FCC RADIO TEST REPORT

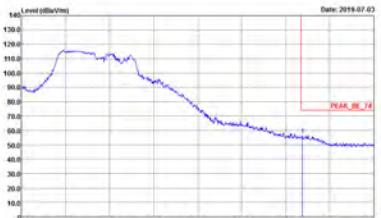
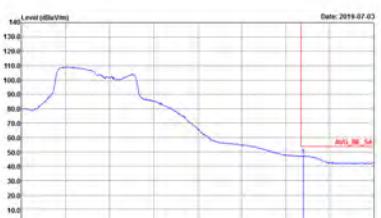
Report No. : FR911641C





# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-07-03</p> <p>Site : 03GH11-HV Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21.5</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-07-03</p> <p>Site : 03GH11-HV Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21.5</p>	Left blank



# FCC RADIO TEST REPORT

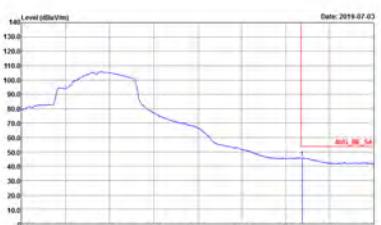
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21.5	 Site : 03CH11-HY Condition : PEAK_74_3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21.5	 Site : 03CH11-HY Condition : AVG_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21.5



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Site : D3GH1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21.5</p>	Left Blank
Avg.	 <p>Site : D3GH1-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 21.5</p>	Left Blank



# FCC RADIO TEST REPORT

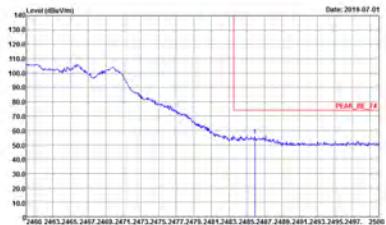
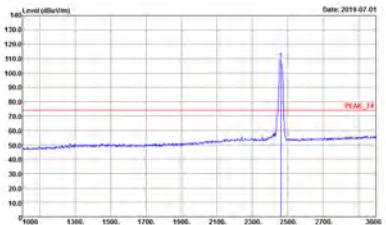
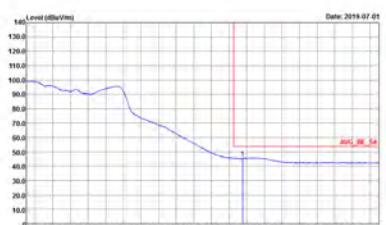
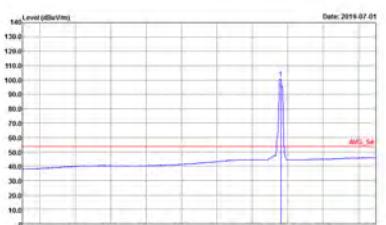
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site: D34H1-HV Condition: PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector: Peak Project: 911641 Power: 16	 Site: D34H1-HV Condition: PEAK_SF_74 3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector: Peak Project: 911641 Power: 16
Avg.	 Site: D34H1-HV Condition: AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector: Peak Project: 911641 Power: 16	 Site: D34H1-HV Condition: AVG_SF_54 3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector: Peak Project: 911641 Power: 16



# FCC RADIO TEST REPORT

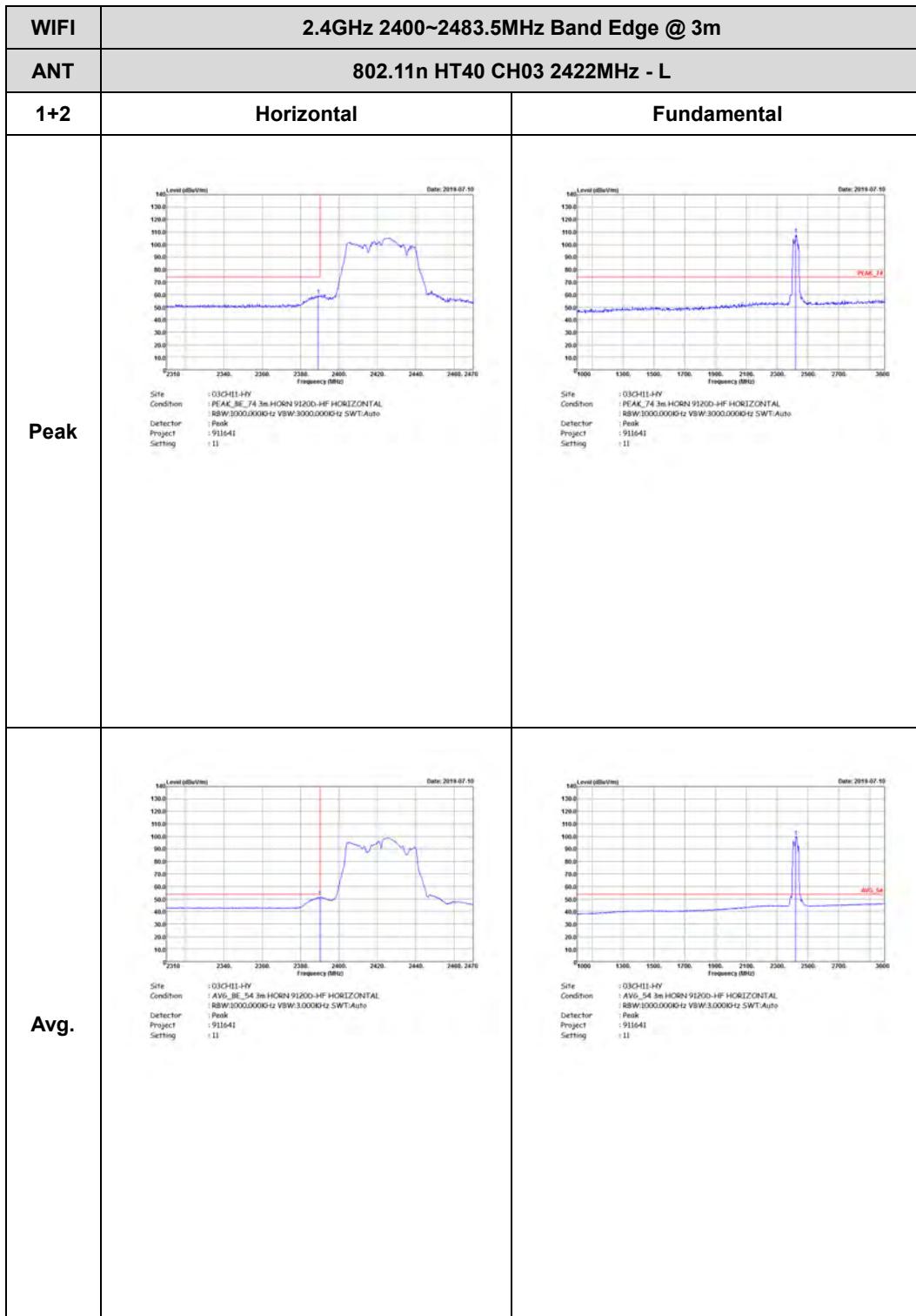
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : D3CH11-HY Condition : PFAK_BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 16	 Site : D3CH11-HY Condition : PFAK_74_m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 16
Avg.	 Site : D3CH11-HY Condition : AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 16	 Site : D3CH11-HY Condition : AVG_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:1.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 16



## 2.4GHz 2400~2483.5MHz

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





# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak	 Detailed description: This figure is a spectrum graph titled 'Date: 2019-07-10'. The Y-axis is labeled 'Level (dBm/Vm)' ranging from 10.0 to 140.0. The X-axis is labeled 'Frequency (MHz)' ranging from 2420 to 2560. A blue line shows a signal starting around 100 dBm at 2420 MHz, fluctuating slightly, then dropping sharply to about 50 dBm at 2483.5 MHz, which is marked with a red vertical line and labeled 'PEAK_BE_74'. The signal then remains relatively flat at 50 dBm up to 2560 MHz. Below the graph, there is a series of parameters: Site : 03GH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Project : 911641 Setting : 11	Left Blank
Avg.	 Detailed description: This figure is a spectrum graph titled 'Date: 2019-07-10'. The Y-axis is labeled 'Level (dBm/Vm)' ranging from 10.0 to 140.0. The X-axis is labeled 'Frequency (MHz)' ranging from 2420 to 2560. A blue line shows a signal starting around 100 dBm at 2420 MHz, fluctuating slightly, then dropping sharply to about 50 dBm at 2483.5 MHz, which is marked with a red vertical line and labeled 'AVG_BE_54'. The signal then remains relatively flat at 50 dBm up to 2560 MHz. Below the graph, there is a series of parameters: Site : 03GH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Project : 911641 Setting : 11	Left Blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1+2	Vertical	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 11</p>	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 11</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 11</p>	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 11</p>



# FCC RADIO TEST REPORT

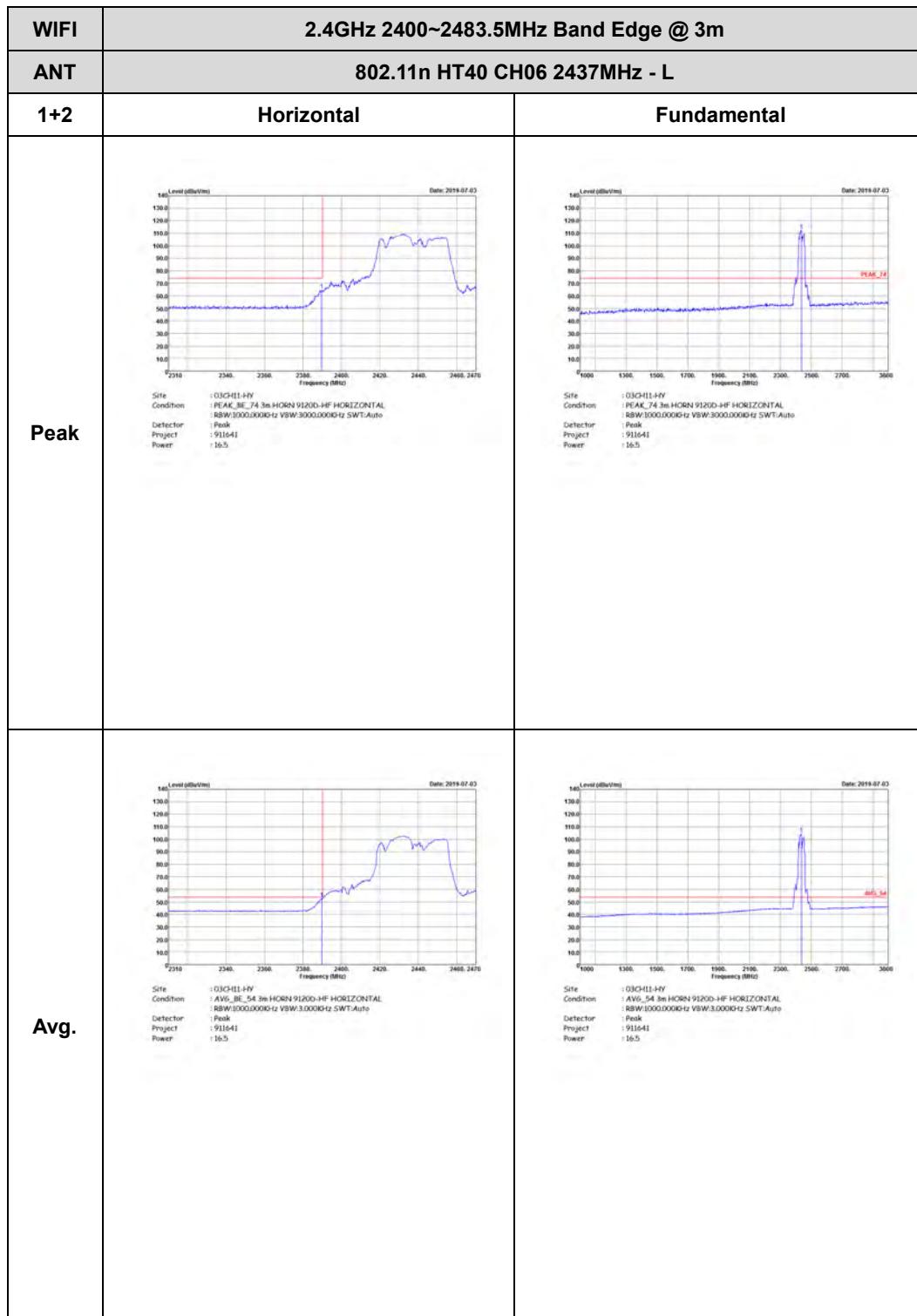
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1+2	Vertical	Fundamental
Peak	 Detailed description: A spectrum analysis graph titled 'Date: 2019-07-10'. The Y-axis is 'Level (dBmV/m)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2500. A blue line shows a signal level that remains relatively flat around 90 dBmV/m until approximately 2480 MHz, where it drops sharply to about 50 dBmV/m and stays low. A red vertical line highlights the peak at 2483.5 MHz, which is labeled 'PEAK_BE_74' in red text. Below the graph, there is a block of test condition parameters. <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Project : 911641 Setting : 11</p>	Left blank
Avg.	 Detailed description: A spectrum analysis graph titled 'Date: 2019-07-10'. The Y-axis is 'Level (dBmV/m)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2500. A blue line shows a signal level that remains relatively flat around 90 dBmV/m until approximately 2480 MHz, where it drops sharply to about 50 dBmV/m and stays low. A red vertical line highlights the average level at 2483.5 MHz, which is labeled 'AVG_BE_54' in red text. Below the graph, there is a block of test condition parameters. <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Project : 911641 Setting : 11</p>	Left blank



# FCC RADIO TEST REPORT

Report No. : FR911641C





# FCC RADIO TEST REPORT

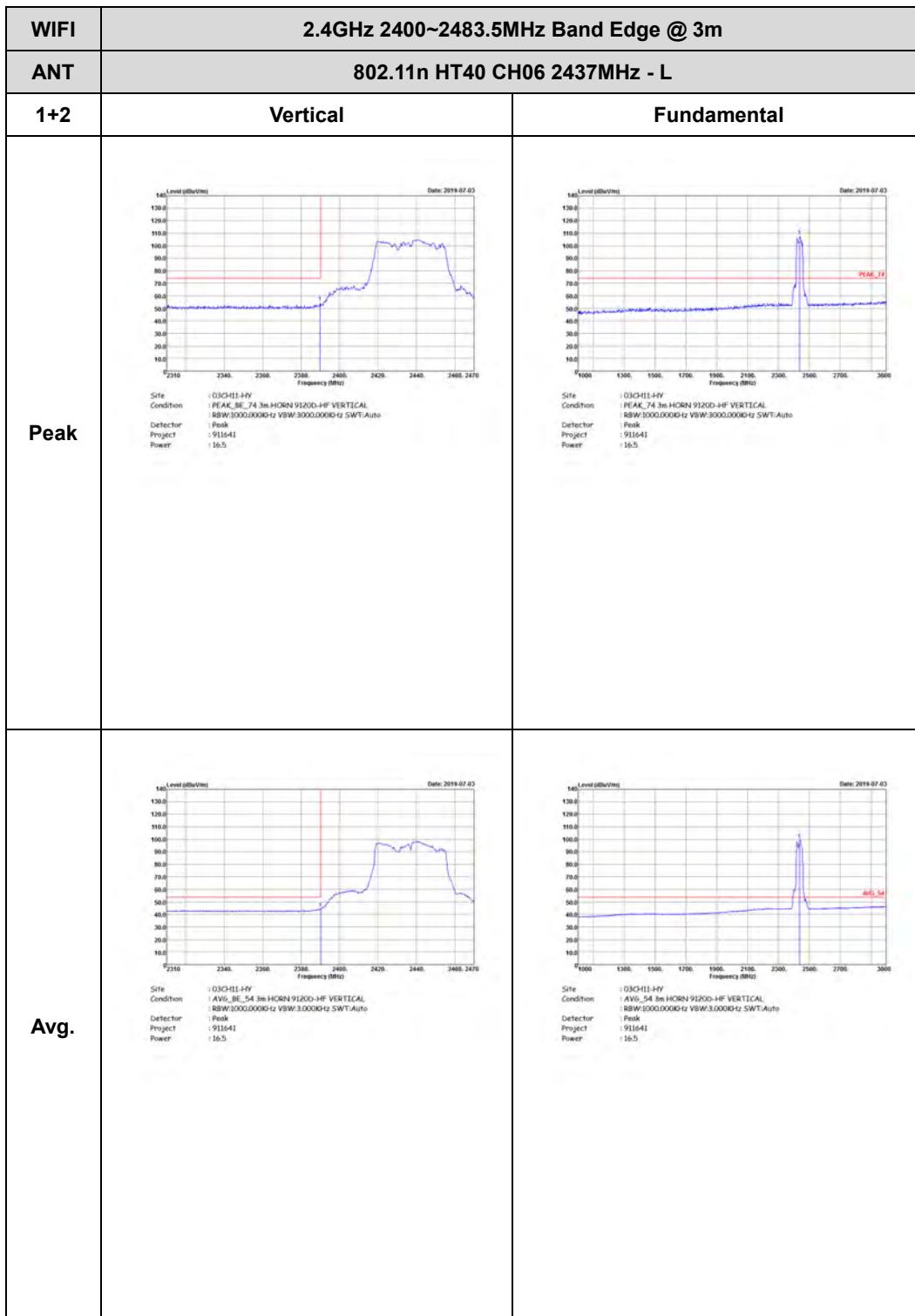
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Detailed description: This graph plots RF Level (dBm/Vm) on the y-axis (10.0 to 140.0) against Frequency (MHz) on the x-axis (2420 to 2500). A blue line shows a noisy signal peaking around 100 dBm/Vm. A red vertical line marks the peak at approximately 2437.5 MHz, labeled 'PEAK_BE_14'. Below the graph is a text block with measurement parameters. Site : 03CH11-HV Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 16.5	Left blank
Avg.	 Detailed description: This graph plots RF Level (dBm/Vm) on the y-axis (10.0 to 140.0) against Frequency (MHz) on the x-axis (2420 to 2500). A blue line shows a noisy signal peaking around 100 dBm/Vm. A red vertical line marks the peak at approximately 2437.5 MHz, labeled 'AVG_BE_14'. Below the graph is a text block with measurement parameters. Site : 03CH11-HV Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 16.5	Left blank



# FCC RADIO TEST REPORT

Report No. : FR911641C





# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBm/Vm)</p> <p>Date: 2019-07-03</p> <p>Site : D3GH1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 16.5</p>	Left blank
Avg.	<p>Level (dBm/Vm)</p> <p>Date: 2019-07-03</p> <p>Site : D3GH1-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 16.5</p>	Left blank



# FCC RADIO TEST REPORT

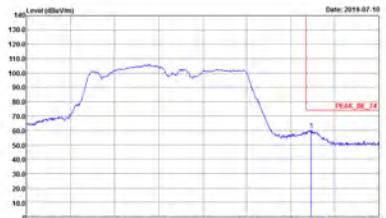
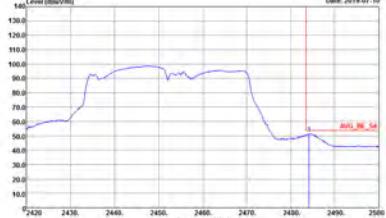
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site Condition : PFAK_BE_74_3m HORN 91200-HF HORIZONTAL : RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 13	 Site Condition : PFAK_BE_74_3m HORN 91200-HF HORIZONTAL : RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 13
Avg.	 Site Condition : AVG_BE_54_3m HORN 91200-HF HORIZONTAL : RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 13	 Site Condition : AVG_BE_54_3m HORN 91200-HF HORIZONTAL : RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911641 Setting : 13



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03GHT1-HV Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : BW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Project : 911641 Setting : 13</p>	Left blank
Avg.	 <p>Site : 03GHT1-HV Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : BW:1000.0000-tz VBW:3.0000-tz SWT:Auto Project : 911641 Setting : 13</p>	Left blank



# FCC RADIO TEST REPORT

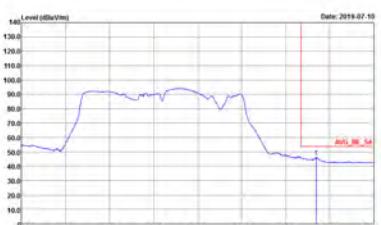
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1+2	Vertical	Fundamental
Peak	 Site Condition : D3CH11-HY Condition : PEAK, BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : r13	 Site Condition : D3CH11-HY Condition : PEAK, 74_m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : r13
Avg.	 Site Condition : D3CH11-HY Condition : AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : r13	 Site Condition : D3CH11-HY Condition : AVG_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Detector : Peak Project : 911641 Setting : r13



# FCC RADIO TEST REPORT

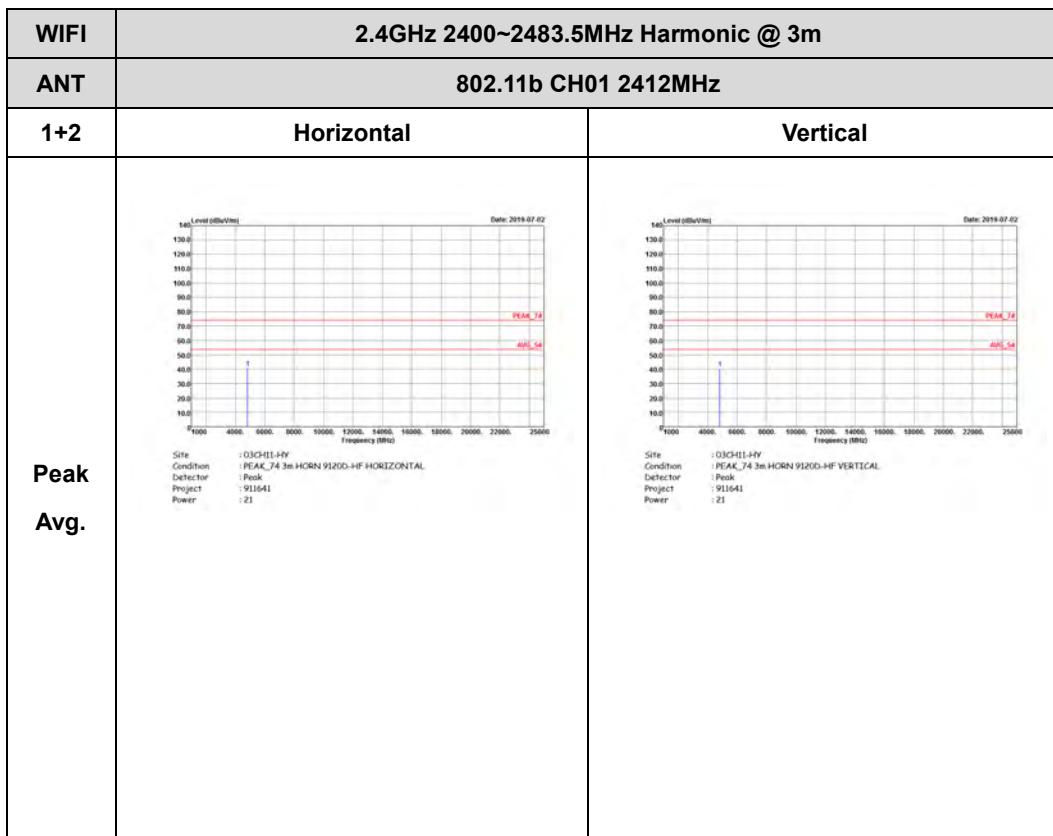
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Site Condition : D3GH1-BE-74 3m HORN 91200-HF VERTICAL Detector : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Project : Peak Setting : 911641 r13</p>	Left blank
Avg.	 <p>Site Condition : D3GH1-BE-74 3m HORN 91200-HF VERTICAL Detector : RBW:1000.0000-tz VBW:3.0000-tz SWT:Auto Project : Peak Setting : 911641 r13</p>	Left blank



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11b (Harmonic @ 3m)





# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : 21.5 Date: 2019-07-02	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : 21.5 Date: 2019-07-02



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DUCH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : 21.5 Date: 2019-07-02	 Site : DUCH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : 21.5 Date: 2019-07-02



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
1+2	Horizontal	Vertical
Peak	<p>Date: 2019-07-02</p> <p>Site : DSC411-HY Condition : PFACE-74 3m HORN 91200-HF HORIZONTAL. Detector : Peak Project : 911641 Power : 14.5</p>	<p>Date: 2019-07-02</p> <p>Site : DSC411-HY Condition : PFACE-74 3m HORN 91200-HF VERTICAL. Detector : Peak Project : 911641 Power : 14.5</p>
Avg.		



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site: DUCHI-HY Condition: PEAK, 74 3m HORN 91200-HF HORIZONTAL Detector: Peak Project: 911641 Power: 21.5	 Site: DUCHI-HY Condition: PEAK, 74 3m HORN 91200-HF VERTICAL Detector: Peak Project: 911641 Power: 21.5



# FCC RADIO TEST REPORT

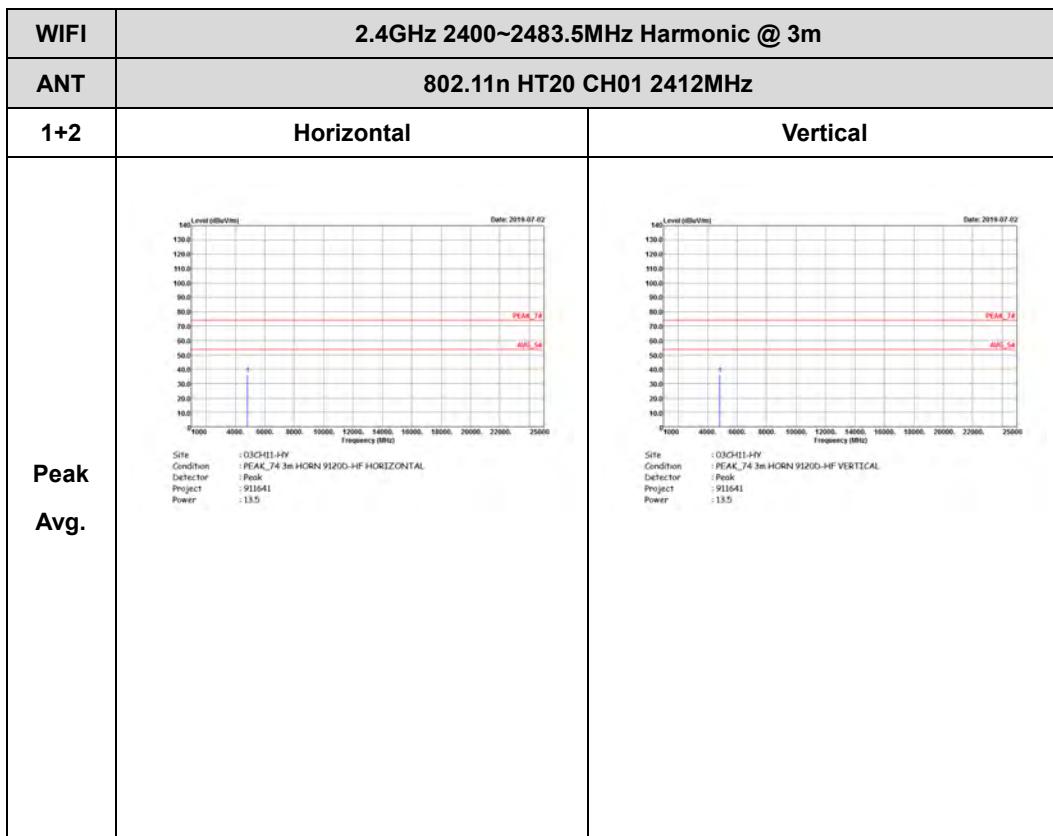
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DUSCH1-HY Condition : PEAK, 74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : 17	 Site : DUSCH1-HY Condition : PEAK, 74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : 17



## 2.4GHz 2400~2483.5MHz

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





# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : 21.5	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : 21.5



# FCC RADIO TEST REPORT

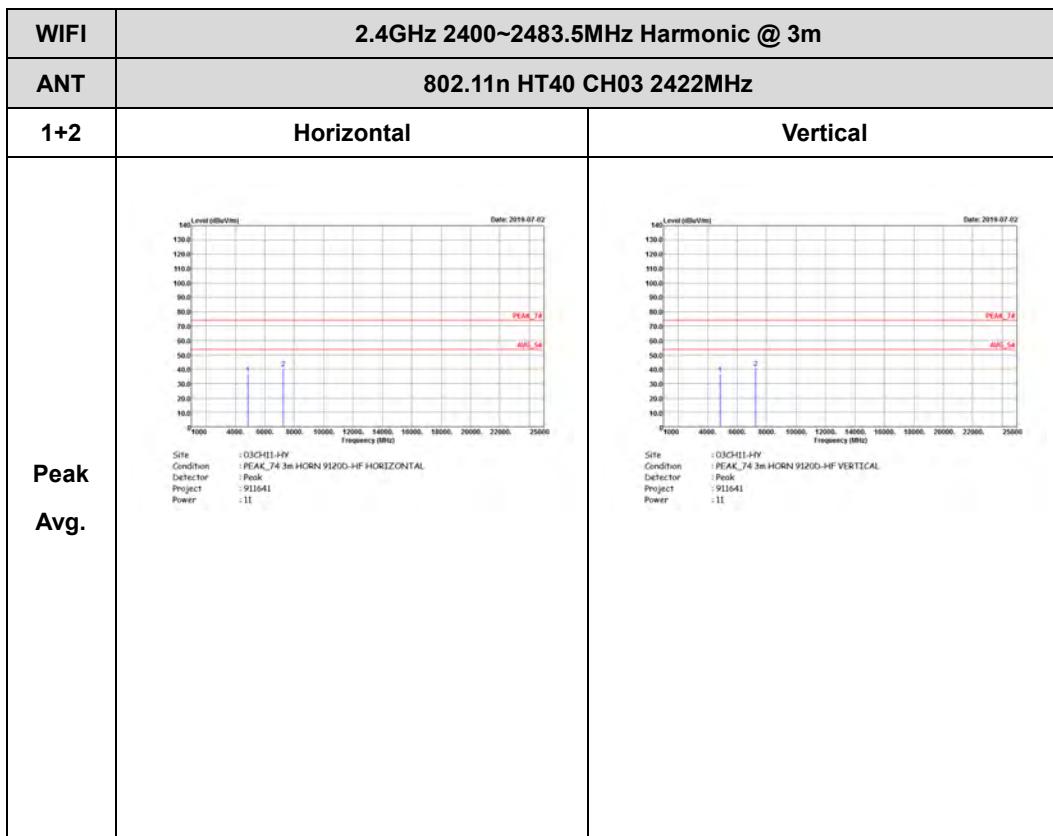
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DUCH11-HY Condition : PEAK, 74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : 16	 Site : DUCH11-HY Condition : PEAK, 74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : 16



## 2.4GHz 2400~2483.5MHz

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





# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL. Detector : Peak Project : 911641 Power : 16.5	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL. Detector : Peak Project : 911641 Power : 16.5



# FCC RADIO TEST REPORT

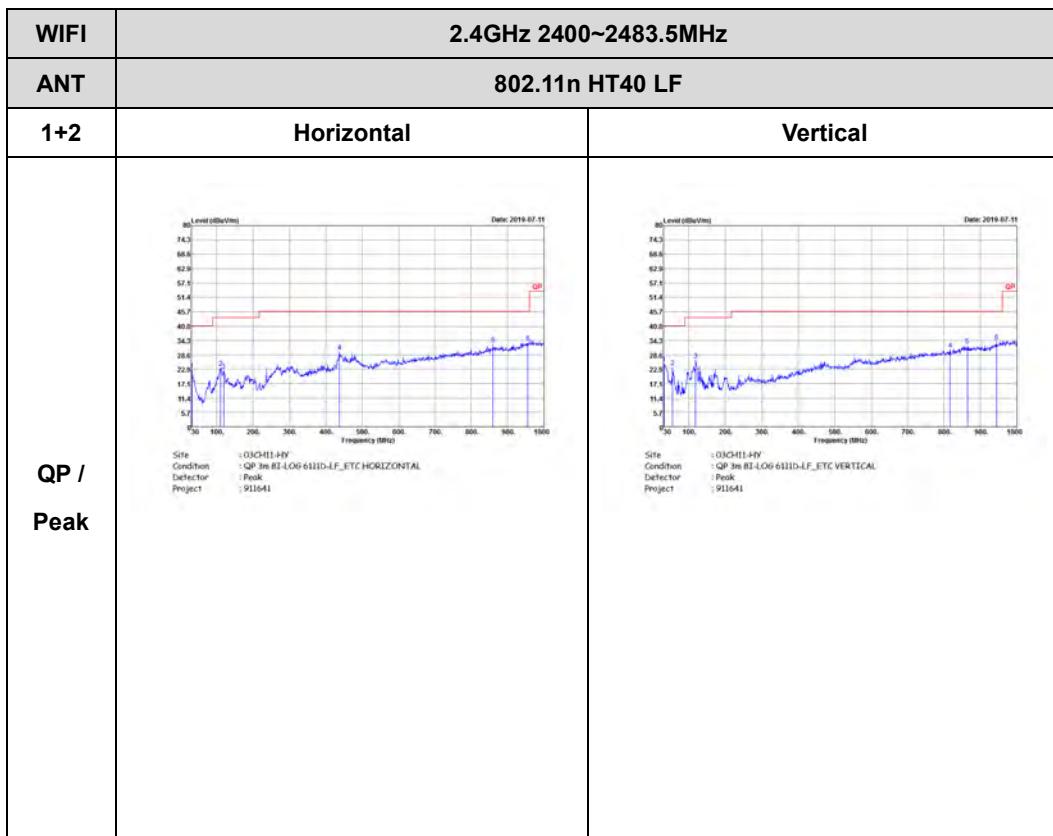
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH09 2452MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL. Detector : Peak Project : 911641 Power : 13	 Site : DUCHI-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL. Detector : Peak Project : 911641 Power : 13



## Emission below 1GHz

## 2.4GHz WIFI 802.11n HT40 (LF)





## &lt;TXBF Mode&gt;

2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH41-HV Condition : PEAK_BE_74_3mHORN 9120D-HF HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : <15	 Site : 03CH41-HV Condition : PEAK_74_3mHORN 9120D-HF HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : <15
Avg.	 Site : 03CH41-HV Condition : AVG_BE_54_3mHORN 9120D-HF HORIZONTAL RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector : Peak Project : 911641 Power : <15	 Site : 03CH41-HV Condition : AVG_54_3mHORN 9120D-HF HORIZONTAL RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector : Peak Project : 911641 Power : <15



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	<p>Date: 2019-07-17 Site: 03CH11-HY Condition: PEAK, BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector: Peak Project: 911641 Power: ±15</p>	<p>Date: 2019-07-17 Site: 03CH11-HY Condition: PEAK, 74_3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector: Peak Project: 911641 Power: ±15</p>
Avg.	<p>Date: 2019-07-17 Site: 03CH11-HY Condition: AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector: Peak Project: 911641 Power: ±15</p>	<p>Date: 2019-07-17 Site: 03CH11-HY Condition: AVG_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector: Peak Project: 911641 Power: ±15</p>



# FCC RADIO TEST REPORT

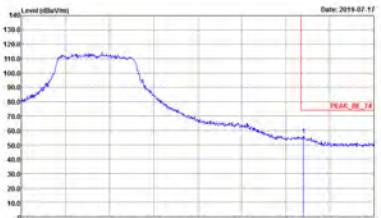
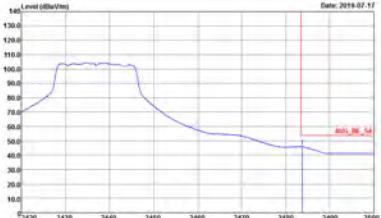
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK, BE_74.3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWF:Auto Detector : Peak Project : 911641 Power : 20	 Site : 03CH11-HY Condition : PEAK, 74.3m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWF:Auto Detector : Peak Project : 911641 Power : 20
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54.3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:0.0100Hz SWF:Auto Detector : Peak Project : 911641 Power : 20	 Site : 03CH11-HY Condition : AVG_54.3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:0.0100Hz SWF:Auto Detector : Peak Project : 911641 Power : 20



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 034H11-HV Condition : PEAK_BE_74_3m_HORN_91200-HF_HORIZONTAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 20</p>	Left blank
Avg.	 <p>Site : 034H11-HV Condition : AVG_BE_54_3m_HORN_91200-HF_HORIZONTAL RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector : Peak Project : 911641 Power : 20</p>	Left blank



# FCC RADIO TEST REPORT

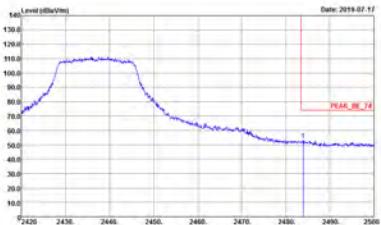
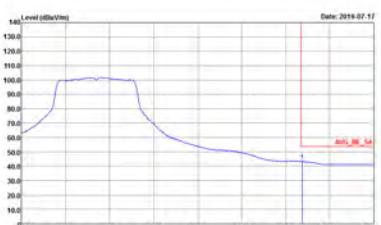
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : D3CH1-HY Condition : PEAK_BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 20	 Site : D3CH1-HY Condition : PEAK_74_m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 20
Avg.	 Site : D3CH1-HY Condition : AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector : Peak Project : 911641 Power : 20	 Site : D3CH1-HY Condition : AVG_54_m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector : Peak Project : 911641 Power : 20



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Site : D3GH1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 20</p>	Left blank
Avg.	 <p>Site : D3GH1-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector : Peak Project : 911641 Power : 20</p>	Left blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : DUS4T1-HY Condition : PEAK, 74.3 m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWL:Auto Detector : Peak Project : 911641 Power : 15	 Site : DUS4T1-HY Condition : PEAK_BE, 74.3 m HORN 91200-HF HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWL:Auto Detector : Peak Project : 911641 Power : 15
Avg.	 Site : DUS4T1-HY Condition : AVG_54.3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:0.0100Hz SWL:Auto Detector : Peak Project : 911641 Power : 15	 Site : DUS4T1-HY Condition : AVG_BE_54.3m HORN 91200-HF HORIZONTAL RBW:1000.0000Hz VBW:0.0100Hz SWL:Auto Detector : Peak Project : 911641 Power : 15



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : DSC411-HY Condition : PEAK, 74.3m HORN 91200-HF VERTICAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : <15	 Site : DSC411-HY Condition : PEAK_BE_74.3m HORN 91200-HF VERTICAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : <15
Avg.	 Site : DSC411-HY Condition : AVG_54.3m HORN 91200-HF VERTICAL RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector : Peak Project : 911641 Power : <15	 Site : DSC411-HY Condition : AVG_BE_54.3m HORN 91200-HF VERTICAL RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector : Peak Project : 911641 Power : <15



## 2.4GHz 2400~2483.5MHz

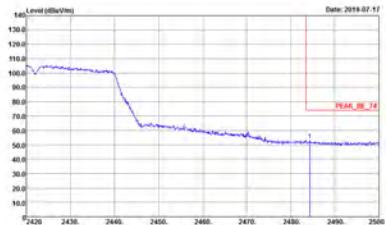
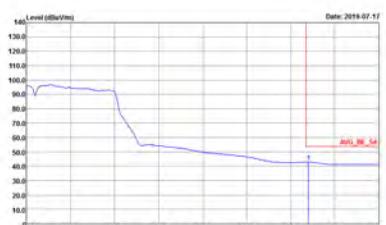
## WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HV Condition : PEAK_BE_74_3m_HORN_91200-HF_HORIZONTAL RBW:3000.0000Hz VSWS:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : <13	 Site : 03CH11-HV Condition : PEAK_74_3m_HORN_91200-HF_HORIZONTAL RBW:3000.0000Hz VSWS:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : <13
Avg.	 Site : 03CH11-HV Condition : AVG_BE_-54_3m_HORN_91200-HF_HORIZONTAL RBW:1000.0000Hz VSWS:0.0100Hz SWT:Auto Detector : Peak Project : 911641 Power : <13	 Site : 03CH11-HV Condition : AVG_-54_3m_HORN_91200-HF_HORIZONTAL RBW:1000.0000Hz VSWS:0.0100Hz SWT:Auto Detector : Peak Project : 911641 Power : <13



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Site : GUCHI-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:3000.0000-tz VBW:3000.0000-tz SWL:Auto Project : Peak Power : 911641 : 13</p>	Left blank
Avg.	 <p>Site : GUCHI-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.0000-tz VBW:0.0100-tz SWL:Auto Project : Peak Power : 911641 : 13</p>	Left blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : D3CH1-HY Condition : PEAK_BE_74_3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : <13	 Site : D3CH1-HY Condition : PEAK_74_3m HORN 91200-HF VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : <13
Avg.	 Site : D3CH1-HY Condition : AVG_BE_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector : Peak Project : 911641 Power : <13	 Site : D3CH1-HY Condition : AVG_54_3m HORN 91200-HF VERTICAL RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector : Peak Project : 911641 Power : <13



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : D3CH1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Project : 911641 Power : 13	Left blank
Avg.	 Site : D3CH1-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Project : 911641 Power : 13	Left blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HV Condition : PEAK, BE_74.3m HORN 91200-HF HORIZONTAL : RBW:3000.0000Hz VSW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : +17	 Site : 03CH11-HV Condition : PEAK, 74.3m HORN 91200-HF HORIZONTAL : RBW:3000.0000Hz VSW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : +17
Avg.	 Site : 03CH11-HV Condition : AVG_BE_54.3m HORN 91200-HF HORIZONTAL : RBW:1000.0000Hz VSW:0.0100Hz SWT:Auto Detector : Peak Project : 911641 Power : +17	 Site : 03CH11-HV Condition : AVG_54.3m HORN 91200-HF HORIZONTAL : RBW:1000.0000Hz VSW:0.0100Hz SWT:Auto Detector : Peak Project : 911641 Power : +17



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Site : D3GH1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 17</p>	Left blank
Avg.	<p>Site : D3GH1-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector : Peak Project : 911641 Power : 17</p>	Left blank



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HV Condition : PEAK, BE_74.3m HORN 91200-HF VERTICAL : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : +17	 Site : 03CH11-HV Condition : PEAK, 74.3m HORN 91200-HF VERTICAL : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : +17
Avg.	 Site : 03CH11-HV Condition : AVG_BE_54.3m HORN 91200-HF VERTICAL : RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector : Peak Project : 911641 Power : +17	 Site : 03CH11-HV Condition : AVG_54.3m HORN 91200-HF VERTICAL : RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector : Peak Project : 911641 Power : +17



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Detailed description: A spectrum plot titled 'Date: 2019-07-17'. The Y-axis is 'Level (dBm/Vm)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2560. A blue line shows a signal starting at approximately 100 dBm/Vm at 2430 MHz, remaining relatively flat until about 2460 MHz, then dropping sharply to around 50 dBm/Vm at 2483.5 MHz. A red vertical line marks the peak frequency. Below the plot are the following parameters: Site : D34H1-HY Condition : PEAK_BE_74_3m_HORN_91200-HF_VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 17	Left blank
Avg.	 Detailed description: A spectrum plot titled 'Date: 2019-07-17'. The Y-axis is 'Level (dBm/Vm)' ranging from 10.0 to 140.0. The X-axis is 'Frequency (MHz)' ranging from 2420 to 2560. A blue line shows a signal starting at approximately 90 dBm/Vm at 2430 MHz, remaining relatively flat until about 2460 MHz, then gradually declining to around 40 dBm/Vm at 2483.5 MHz. A red vertical line marks the peak frequency. Below the plot are the following parameters: Site : D34H1-HY Condition : AVG_BE_54_3m_HORN_91200-HF_VERTICAL RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector : Peak Project : 911641 Power : 17	Left blank



# FCC RADIO TEST REPORT

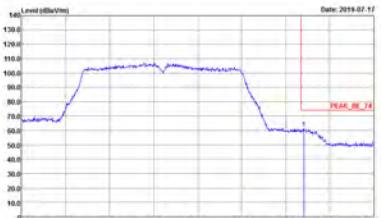
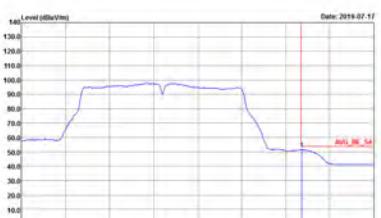
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : D3CH1-HY Condition : PEAK_BE_74_3m_HORN_91200-HF_HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : +13.5	 Site : D3CH1-HY Condition : PEAK_BE_74_3m_HORN_91200-HF_HORIZONTAL RBW:3000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 911641 Power : +13.5
Avg.	 Site : D3CH1-HY Condition : AVG_BE_54_3m_HORN_91200-HF_HORIZONTAL RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector : Peak Project : 911641 Power : +13.5	 Site : D3CH1-HY Condition : AVG_BE_54_3m_HORN_91200-HF_HORIZONTAL RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector : Peak Project : 911641 Power : +13.5



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Site : D34H11-HV Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 13.5</p>	Left blank
Avg.	 <p>Site : D34H11-HV Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector : Peak Project : 911641 Power : 13.5</p>	Left blank



# FCC RADIO TEST REPORT

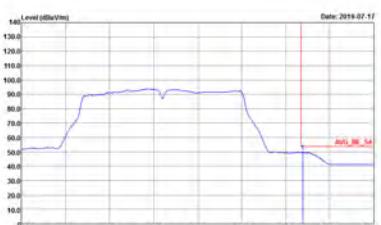
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : D3CH1-HY Condition : PEAK_BE_74_3m_HORN_91200-HF_VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : +13.5	 Site : D3CH1-HY Condition : PEAK_74_3m_HORN_91200-HF_VERTICAL RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : +13.5
Avg.	 Site : D3CH1-HY Condition : AVG_BE_54_3m_HORN_91200-HF_VERTICAL RBW:1000.0000-tz VBW:0.010Hz SWT:Auto Detector : Peak Project : 911641 Power : +13.5	 Site : D3CH1-HY Condition : AVG_54_3m_HORN_91200-HF_VERTICAL RBW:1000.0000-tz VBW:0.010Hz SWT:Auto Detector : Peak Project : 911641 Power : +13.5



# FCC RADIO TEST REPORT

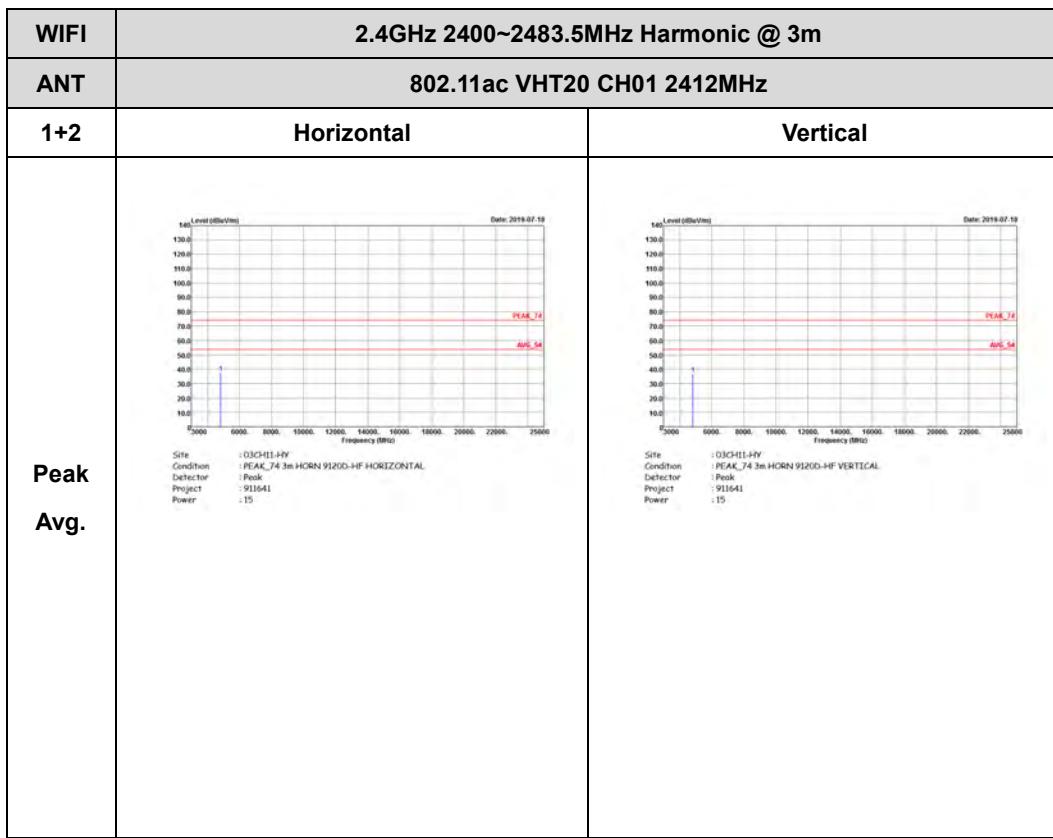
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Site : D3GH1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:3000.0000-tz VBW:3000.0000-tz SWT:Auto Detector : Peak Project : 911641 Power : 13.5</p>	Left blank
Avg.	 <p>Site : D3GH1-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.0000-tz VBW:0.0100-tz SWT:Auto Detector : Peak Project : 911641 Power : 13.5</p>	Left blank



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT20 (Harmonic @ 3m)





# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site: DUCHI-HY Condition: PEAK, 74 m HORN 91200-HF HORIZONTAL. Detector: Peak Project: 911641 Power: 20	 Site: DUCHI-HY Condition: PEAK, 74 m HORN 91200-HF VERTICAL. Detector: Peak Project: 911641 Power: 20



# FCC RADIO TEST REPORT

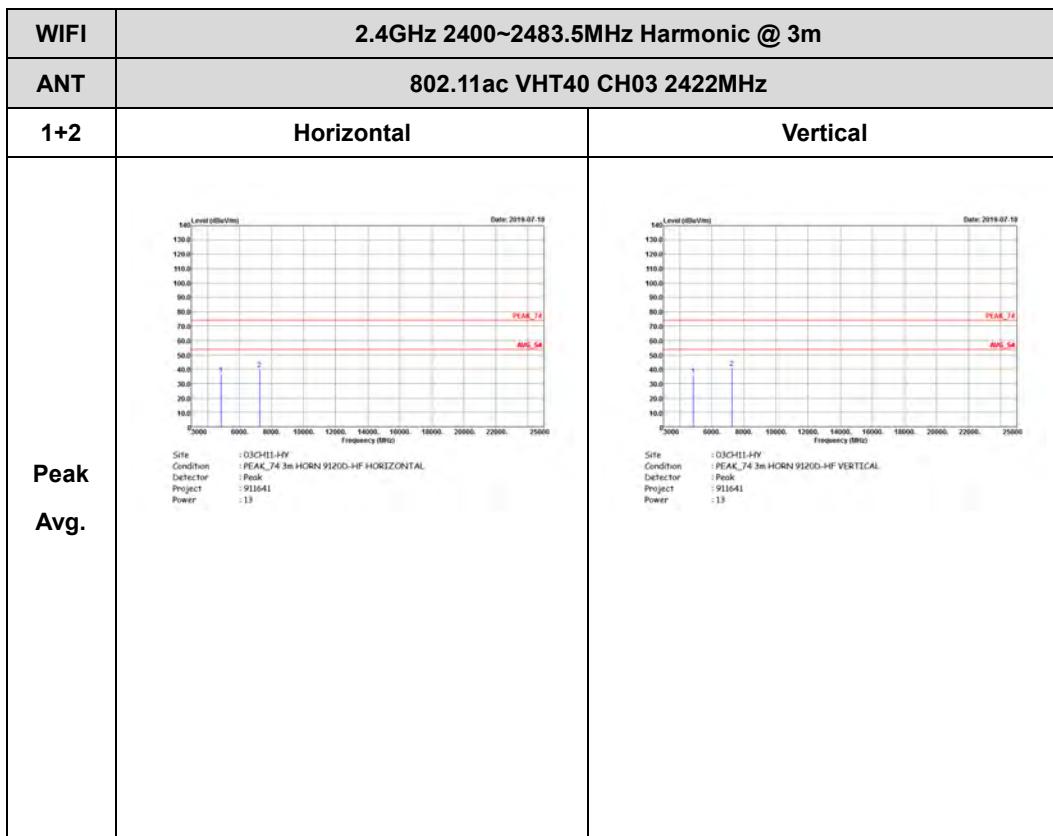
Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	<p>Site: DUCHI-HY Condition: PFAC, 74 m HORN 91200-HF HORIZONTAL Detector: Peak Project: 911641 Power: 15</p>	<p>Site: DUCHI-HY Condition: PFAC, 74 m HORN 91200-HF VERTICAL Detector: Peak Project: 911641 Power: 15</p>



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT40 (Harmonic @ 3m)





# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site: DUCHI-HY Condition: PEAK, 74 m HORN 91200-HF HORIZONTAL Detector: Peak Project: 911641 Power: 17	 Site: DUCHI-HY Condition: PEAK, 74 m HORN 91200-HF VERTICAL Detector: Peak Project: 911641 Power: 17



# FCC RADIO TEST REPORT

Report No. : FR911641C

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH09 2452MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DSC-H1-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 911641 Power : -13.5	 Site : DSC-H1-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 911641 Power : -13.5



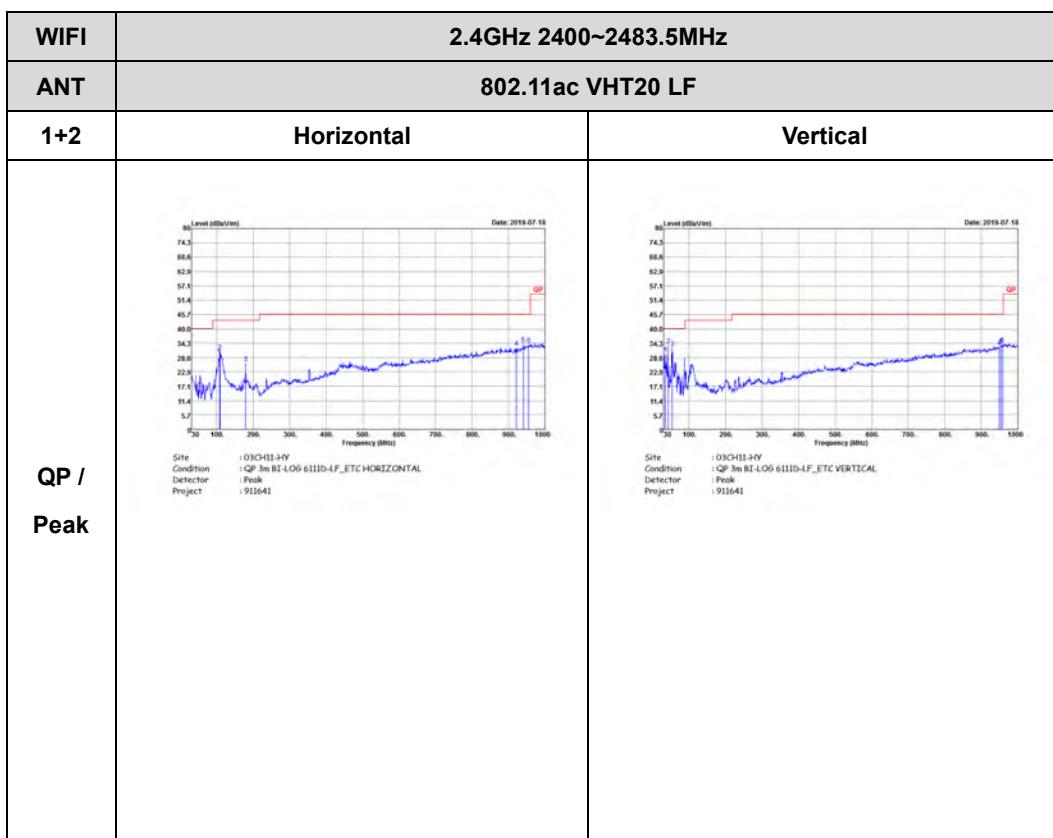
# FCC RADIO TEST REPORT

Report No. : FR911641C

**2.4GHz 2400~2483.5MHz**

**Emission below 1GHz**

**2.4GHz WIFI 802.11ac VHT20 (LF)**





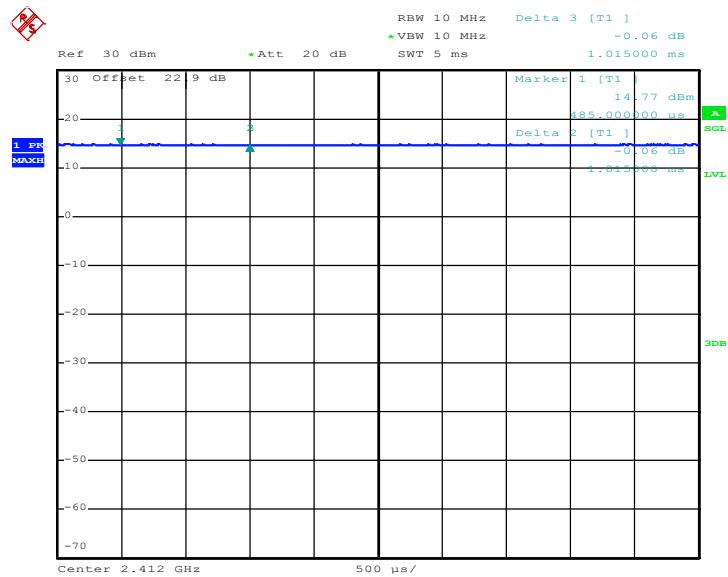
## Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
1	802.11b	100.00	-	-	10Hz	0.00
2	802.11b	100.00	-	-	10Hz	0.00
1+2	802.11b for Ant. 1	100.00	-	-	10Hz	0.00
1+2	802.11b for Ant. 2	100.00	-	-	10Hz	0.00
1	802.11g	94.40	2055	0.49	1kHz	0.25
2	802.11g	95.60	2064	0.48	1kHz	0.20
1+2	802.11g for Ant. 1	95.39	2069	0.48	1kHz	0.20
1+2	802.11g for Ant. 2	95.59	2059	0.49	1kHz	0.20
1	2.4GHz 802.11n HT20	94.53	1919	0.52	1kHz	0.24
2	2.4GHz 802.11n HT20	95.28	1919	0.52	1kHz	0.21
1+2	2.4GHz 802.11n HT20 for Ant. 1	94.55	1924	0.52	1kHz	0.24
1+2	2.4GHz 802.11n HT20 for Ant. 2	94.30	1919	0.52	1kHz	0.25
1	2.4GHz 802.11n HT40	91.30	945	1.06	3kHz	0.40
2	2.4GHz 802.11n HT40	90.35	946	1.06	3kHz	0.44
1+2	2.4GHz 802.11n HT40 for Ant. 1	90.91	940	1.06	3kHz	0.41
1+2	2.4GHz 802.11n HT40 for Ant. 2	90.11	938	1.07	3kHz	0.45
1	2.4GHz 802.11ac VHT20	95.06	1924	0.52	1kHz	0.22
2	2.4GHz 802.11ac VHT20	94.55	1926	0.52	1kHz	0.24
1+2	2.4GHz 802.11ac VHT20 for Ant. 1	95.33	1940	0.52	1kHz	0.21
1+2	2.4GHz 802.11ac VHT20 for Ant. 2	94.56	1929	0.52	1kHz	0.24
1	2.4GHz 802.11ac VHT40	91.22	945	1.06	3kHz	0.40
2	2.4GHz 802.11ac VHT40	91.16	938	1.07	3kHz	0.40
1+2	2.4GHz 802.11ac VHT40 for Ant 1	90.43	945	1.06	3kHz	0.44
1+2	2.4GHz 802.11ac VHT40 for Ant. 2	90.97	947	1.06	3kHz	0.41



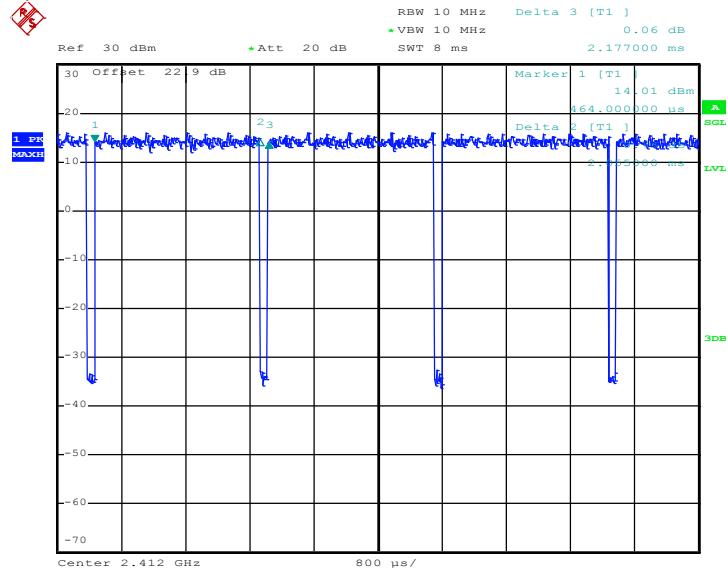
&lt;Ant. 1&gt;

## 802.11b



Date: 5.JUL.2019 03:01:01

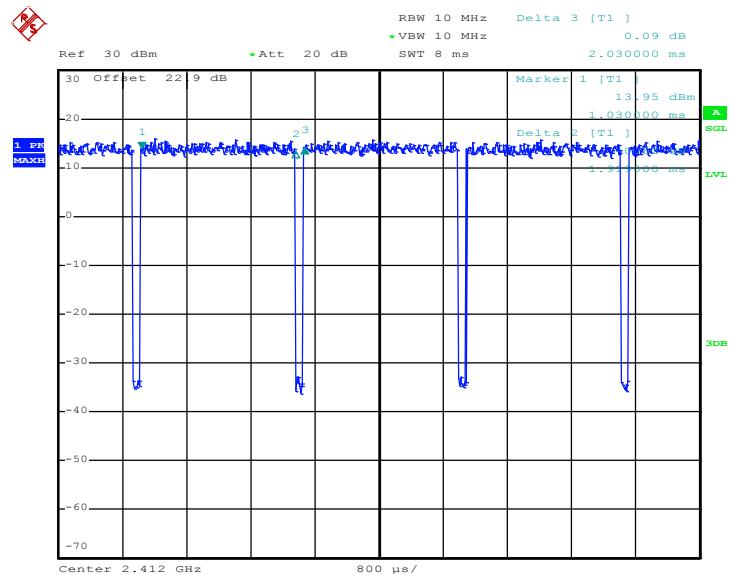
## 802.11g



Date: 5.JUL.2019 03:15:16

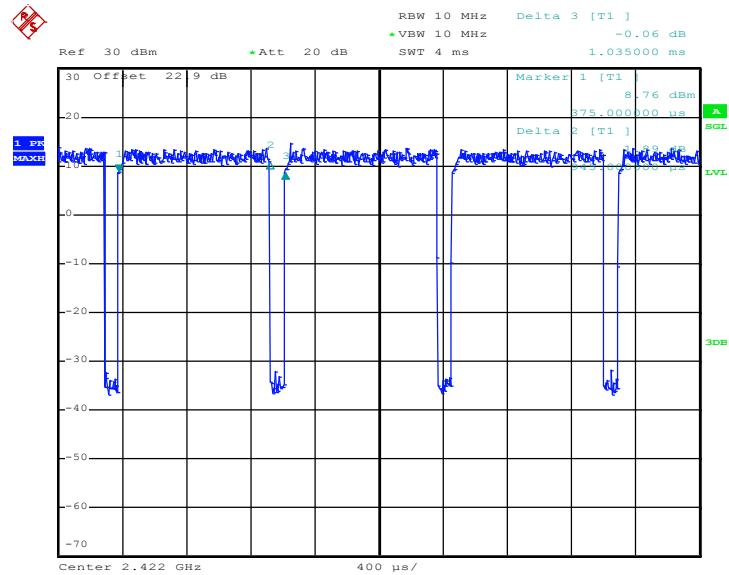


## 802.11n HT20



Date: 5.JUL.2019 03:22:07

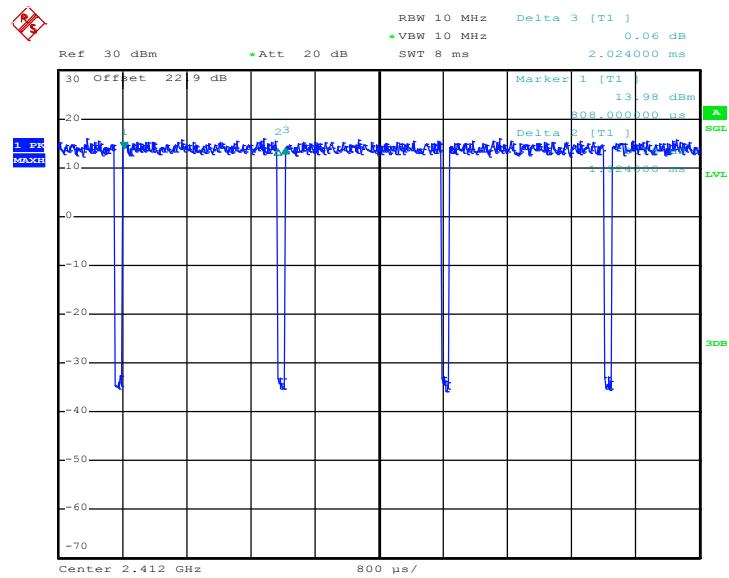
## 802.11n HT40



Date: 5.JUL.2019 03:33:25

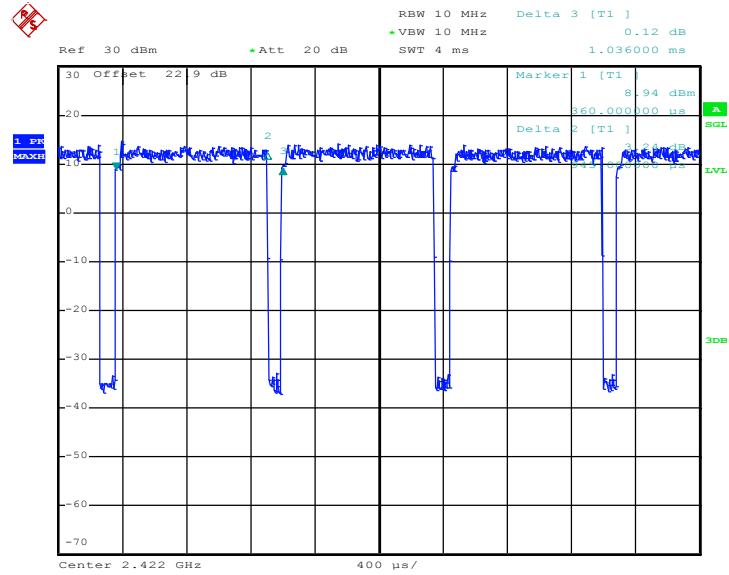


## 802.11ac VHT20



Date: 5.JUL.2019 03:28:32

## 802.11ac VHT40

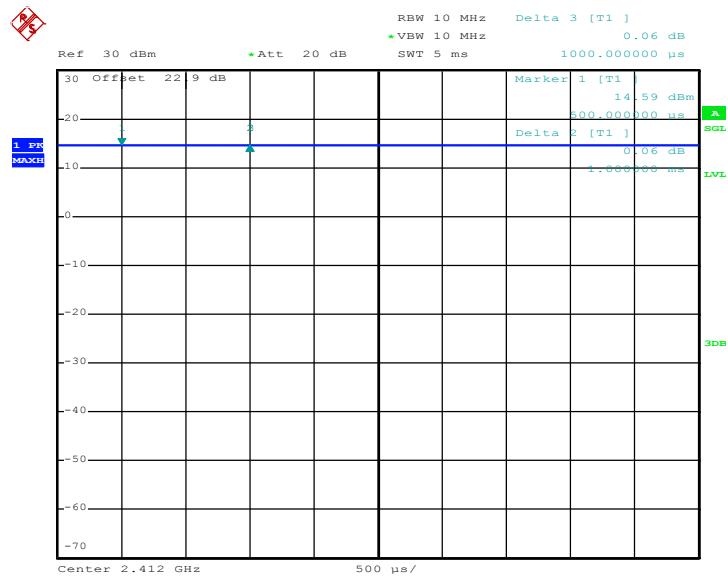


Date: 5.JUL.2019 03:39:13



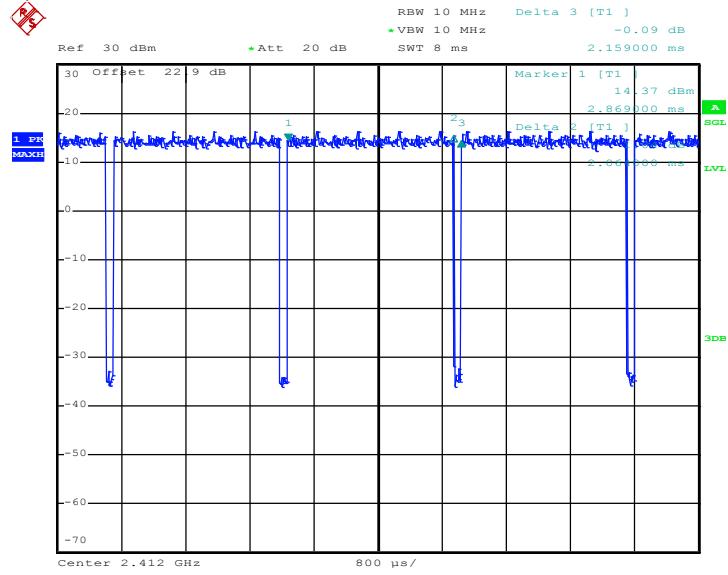
&lt;Ant. 2&gt;

## 802.11b



Date: 5.JUL.2019 03:09:12

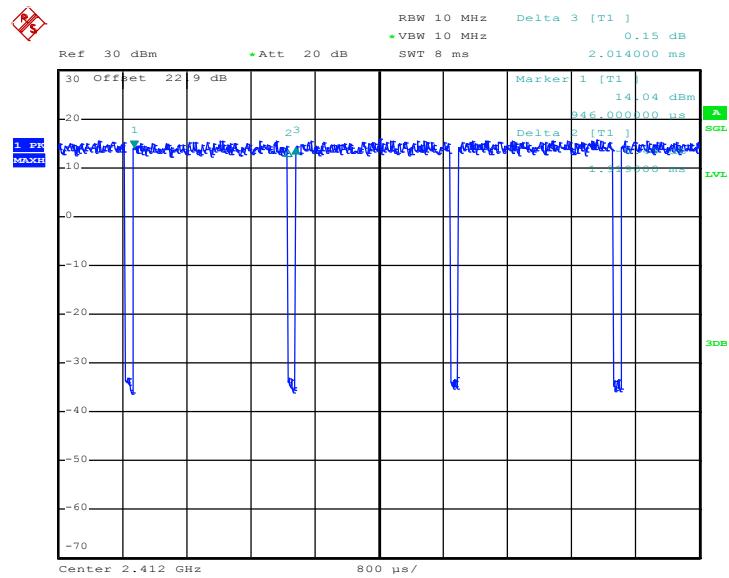
## 802.11g



Date: 5.JUL.2019 03:17:31

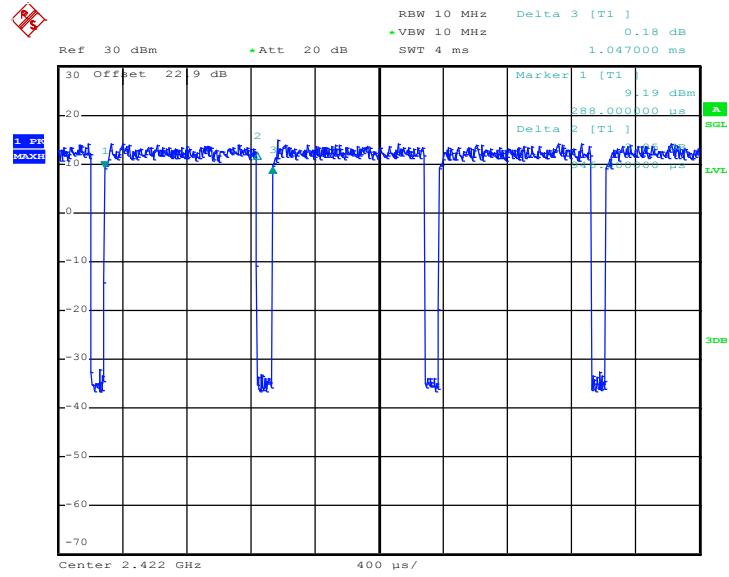


## 802.11n HT20



Date: 5.JUL.2019 03:23:12

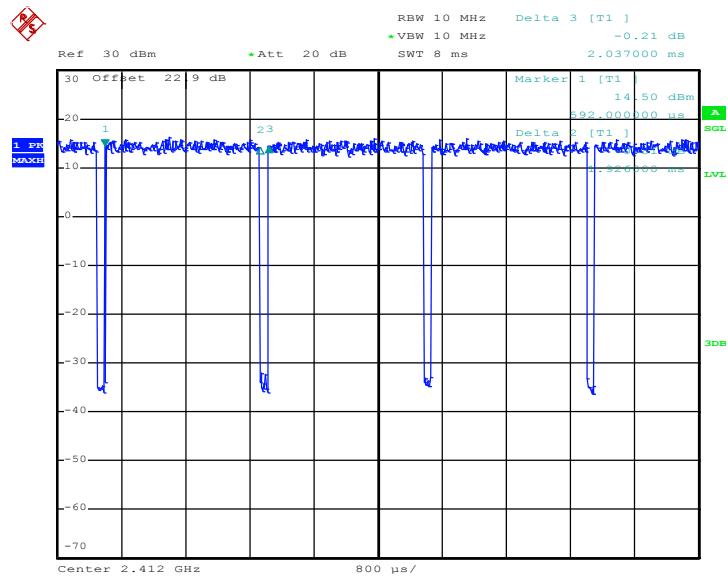
## 802.11n HT40



Date: 5.JUL.2019 03:34:39

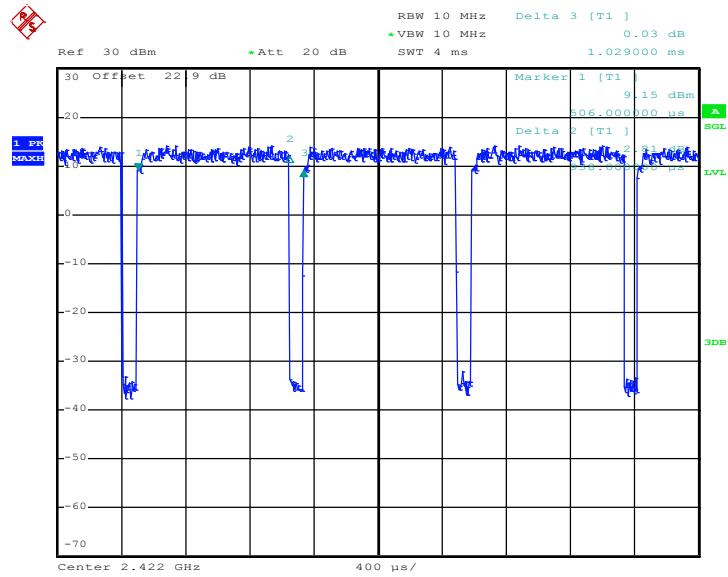


## 802.11ac VHT20



Date: 5.JUL.2019 03:29:41

## 802.11ac VHT40

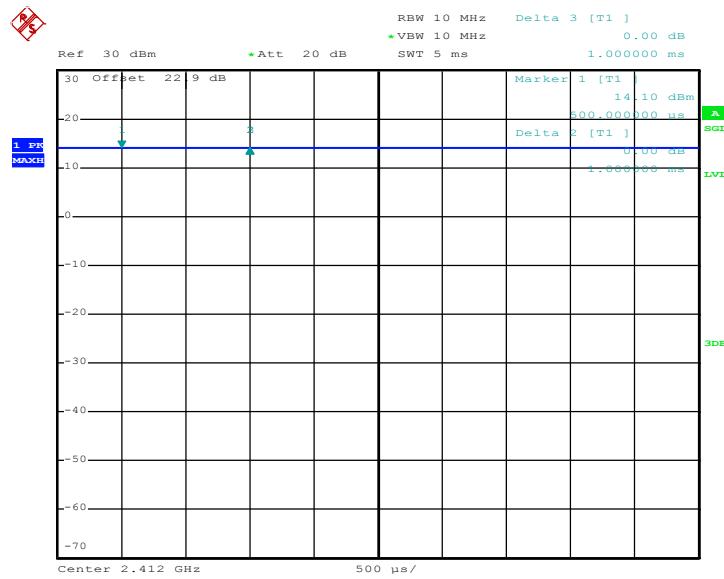


Date: 5.JUL.2019 03:40:40



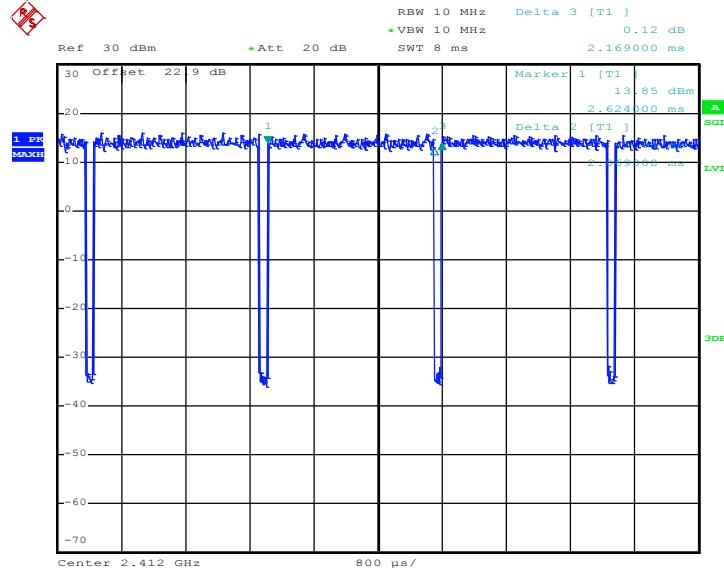
## MIMO &lt;Ant. 1&gt;

## 802.11b



Date: 5.JUL.2019 03:13:08

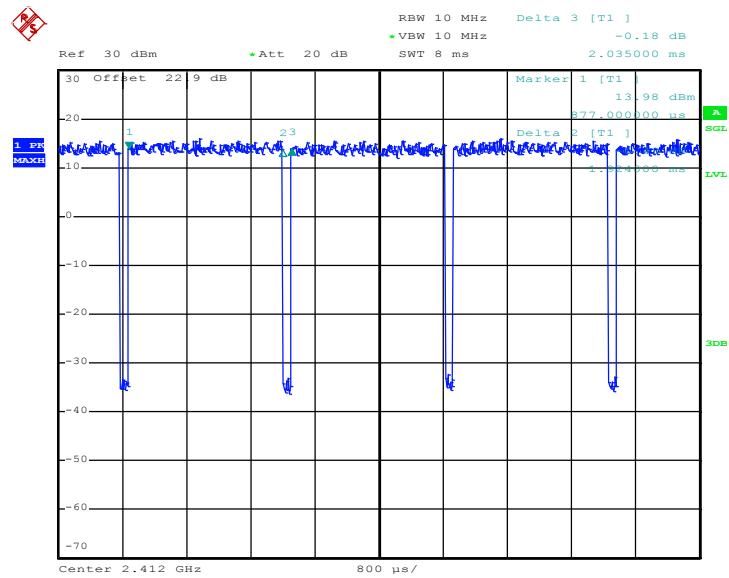
## 802.11g



Date: 5.JUL.2019 03:19:19

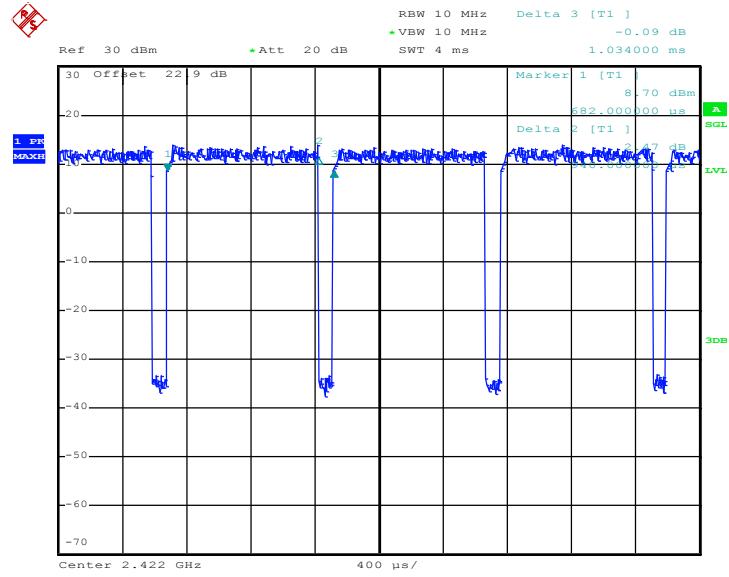


## 802.11n HT20



Date: 5.JUL.2019 03:24:39

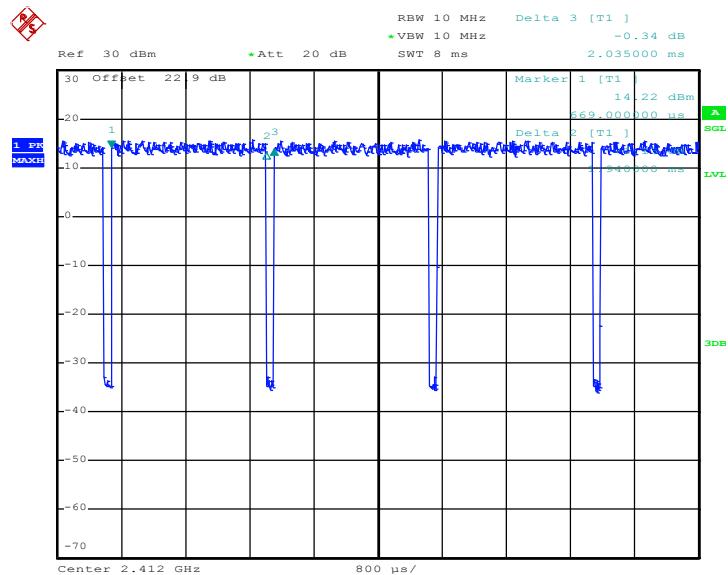
## 802.11n HT40



Date: 5.JUL.2019 03:35:57

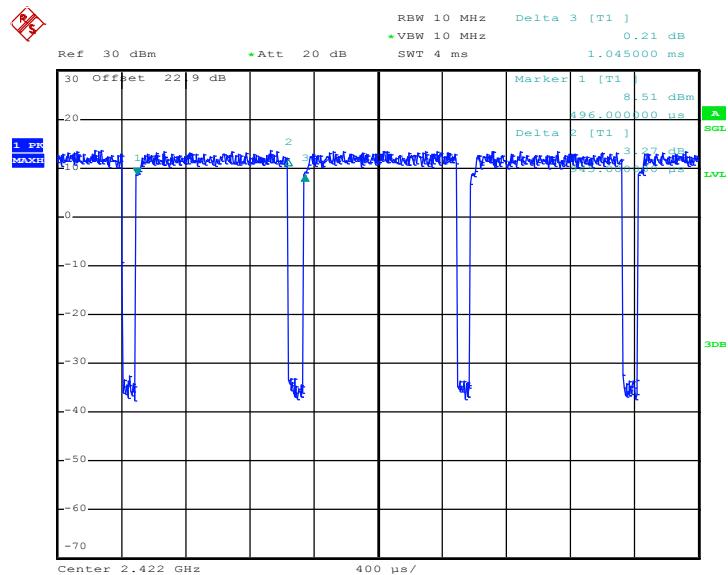


## 802.11ac VHT20



Date: 5.JUL.2019 03:30:51

## 802.11ac VHT40

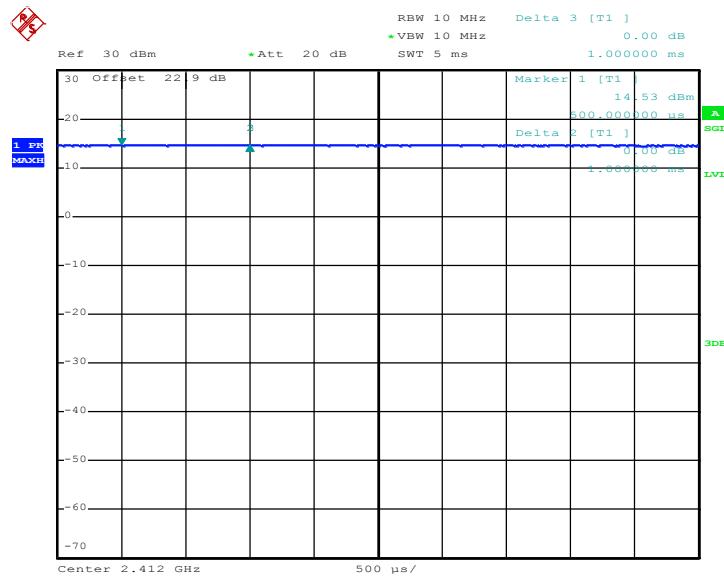


Date: 5.JUL.2019 03:42:05



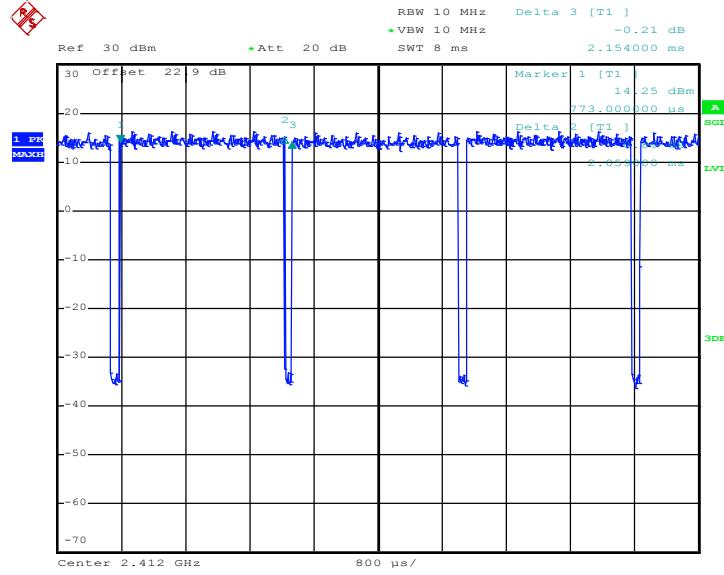
## MIMO &lt;Ant. 2&gt;

## 802.11b



Date: 5.JUL.2019 03:13:49

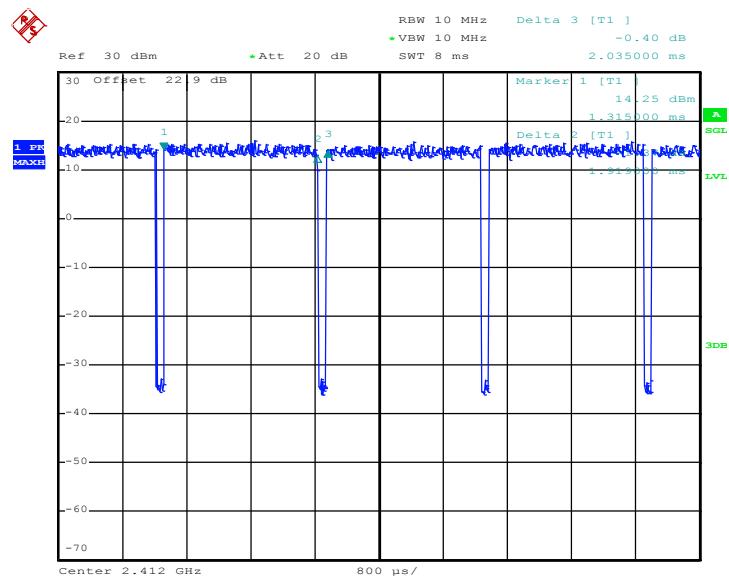
## 802.11g



Date: 5.JUL.2019 03:20:22

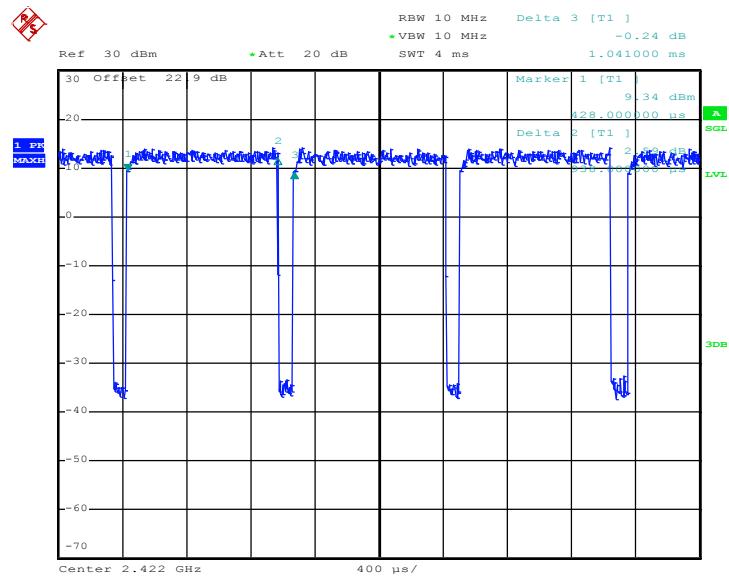


## 802.11n HT20



Date: 5.JUL.2019 03:25:56

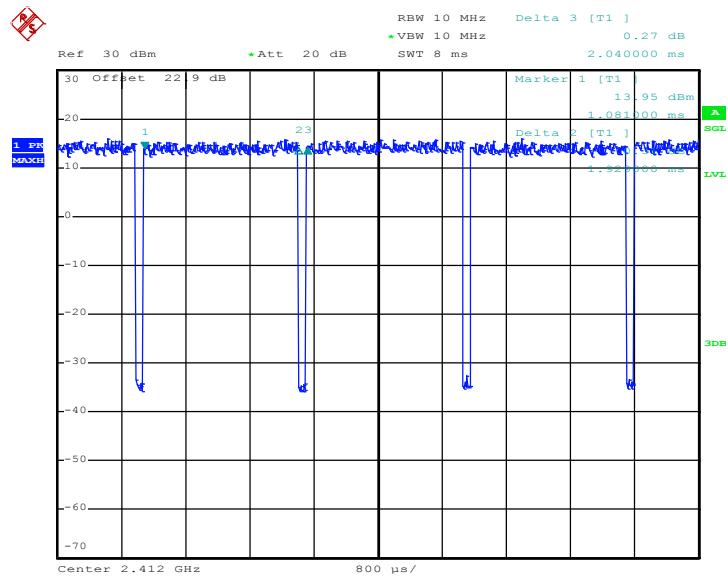
## 802.11n HT40



Date: 5.JUL.2019 03:37:42

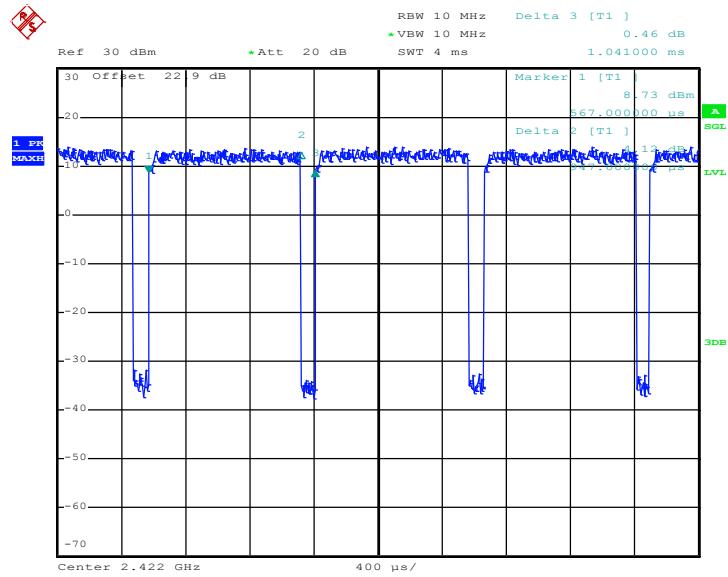


## 802.11ac VHT20



Date: 5.JUL.2019 03:31:53

## 802.11ac VHT40



Date: 5.JUL.2019 03:42:59