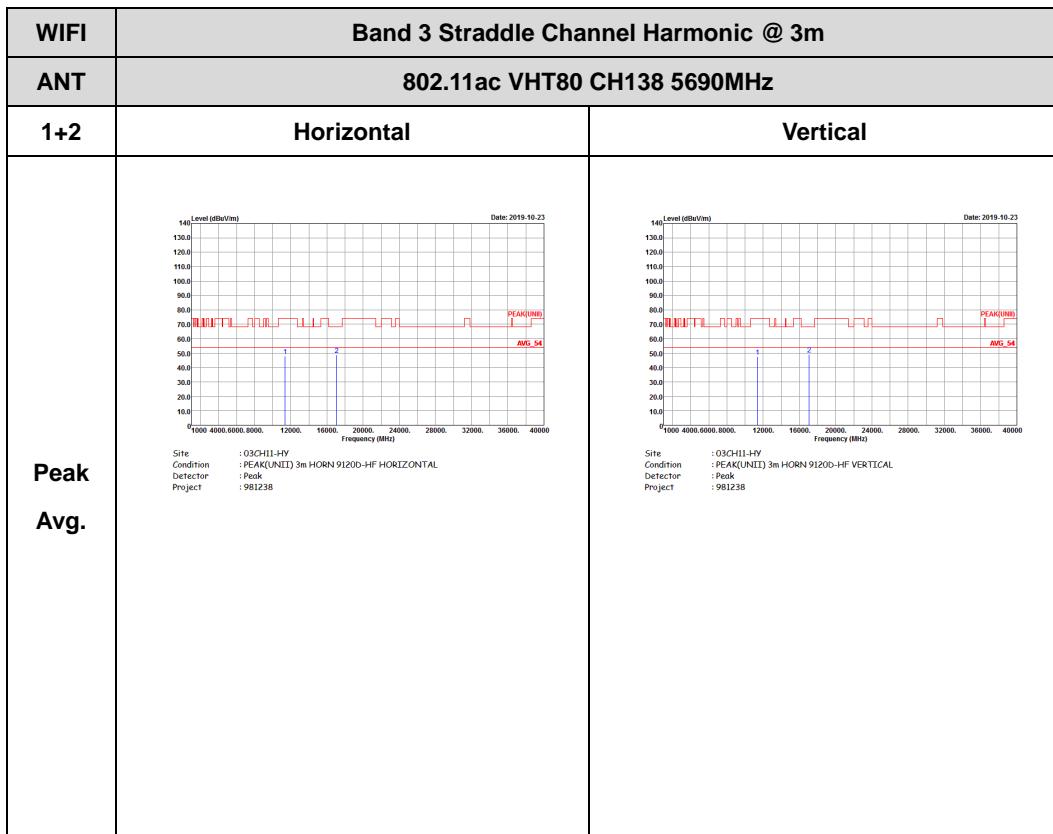




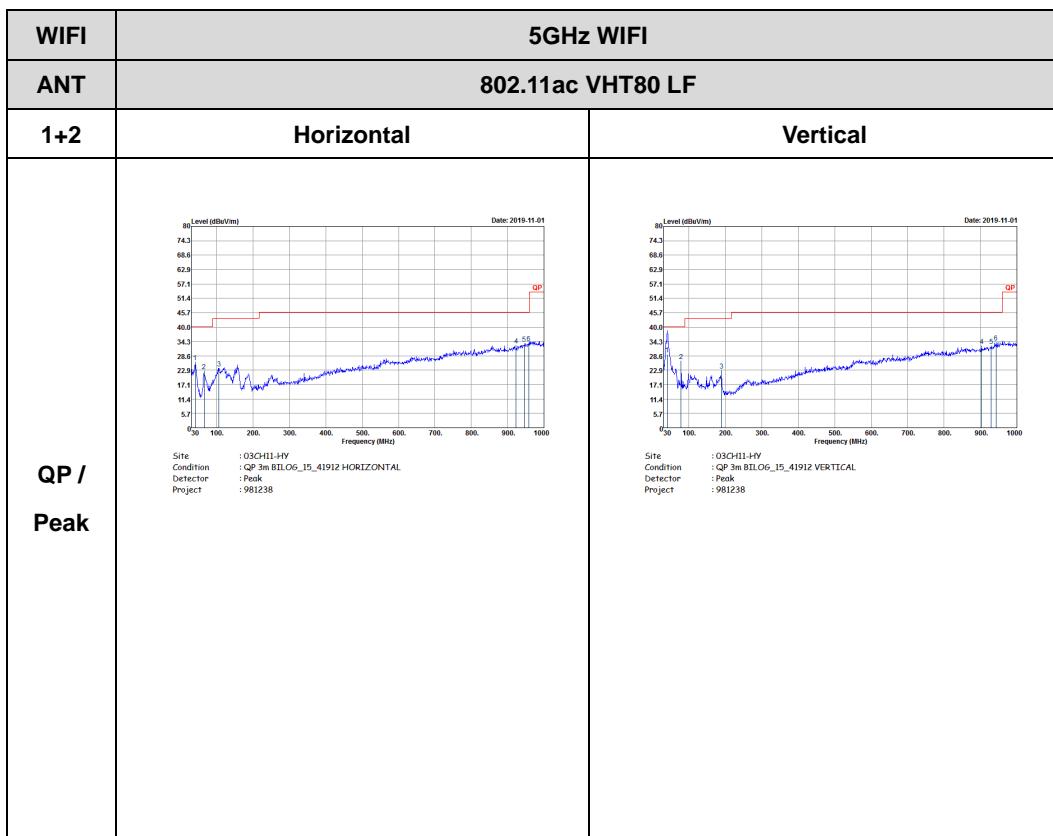
**Band 3 – Straddle Channel**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**





## Emission below 1GHz

## 5GHz WIFI 802.11ac VHT80 (LF)

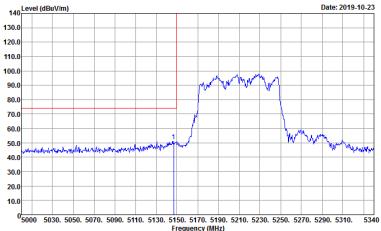
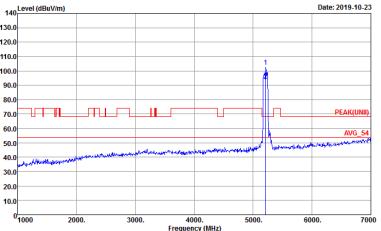
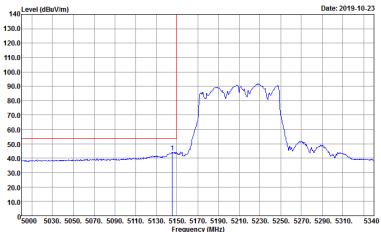




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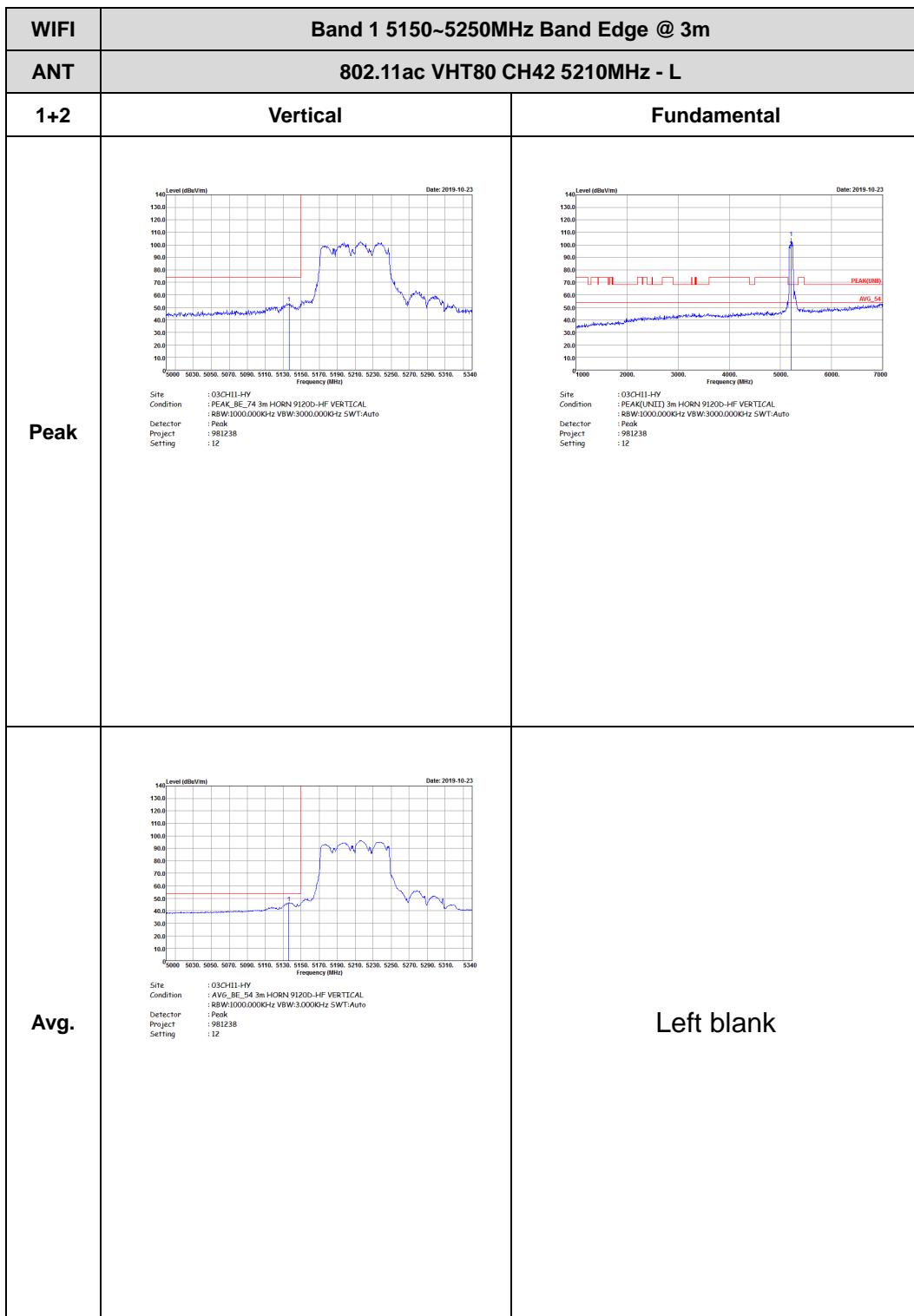
Band 1 - 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000Hz SWT:Auto Project : 981238 Setting : 12</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000Hz SWT:Auto Project : 981238 Setting : 12</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000Hz SWT:Auto Project : 981238 Setting : 12</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PCMC_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWF:Auto Detector : Peak Project : 981238 Setting : 12	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWF:Auto Detector : Peak Project : 981238 Setting : 12	Left blank



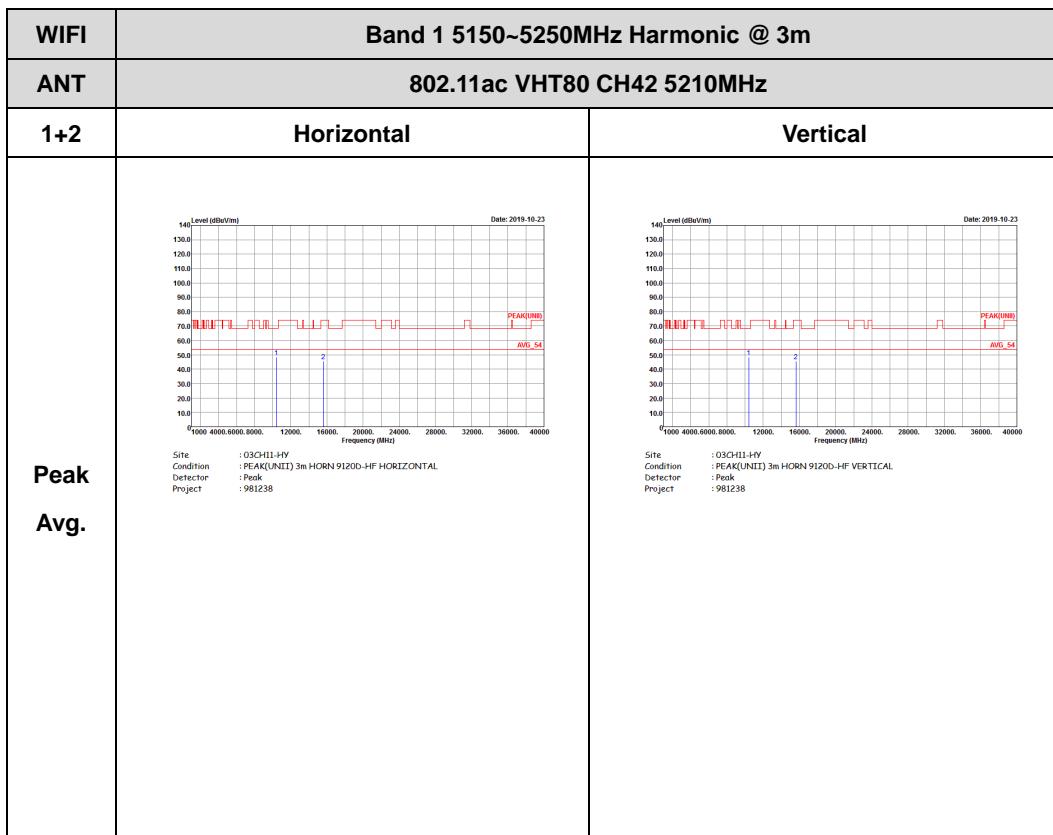


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak	 Date: 2019-10-23 Site : 03CH11-HY Condition : PCAC_BE_74 3m HORN 9120D-HF VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 981238 Setting : 12	Left blank
Avg.	 Date: 2019-10-23 Site : AVG_BE_54 3m HORN 9120D-HF VERTICAL Condition : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 12	Left blank



## Band 1 - 5150~5250MHz

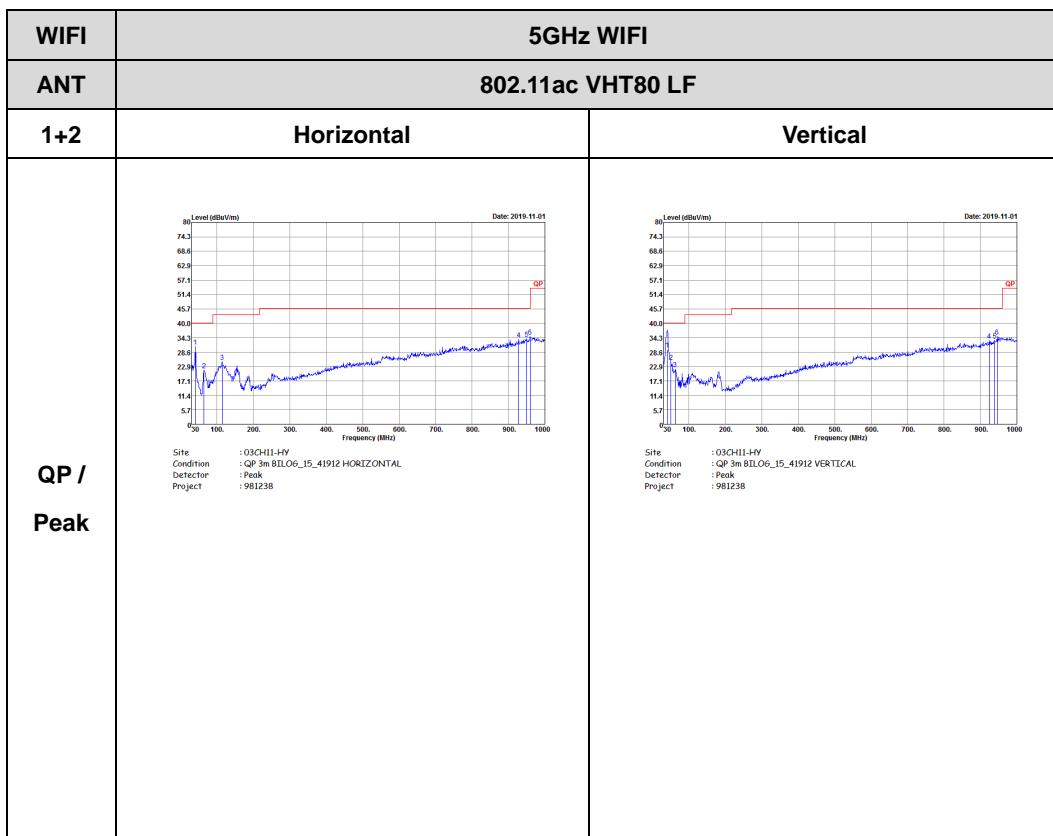
WIFI 802.11ac VHT80 (Harmonic @ 3m)





## Emission below 1GHz

## 5GHz WIFI 802.11ac VHT80 (LF)





## &lt;SKU 3&gt;

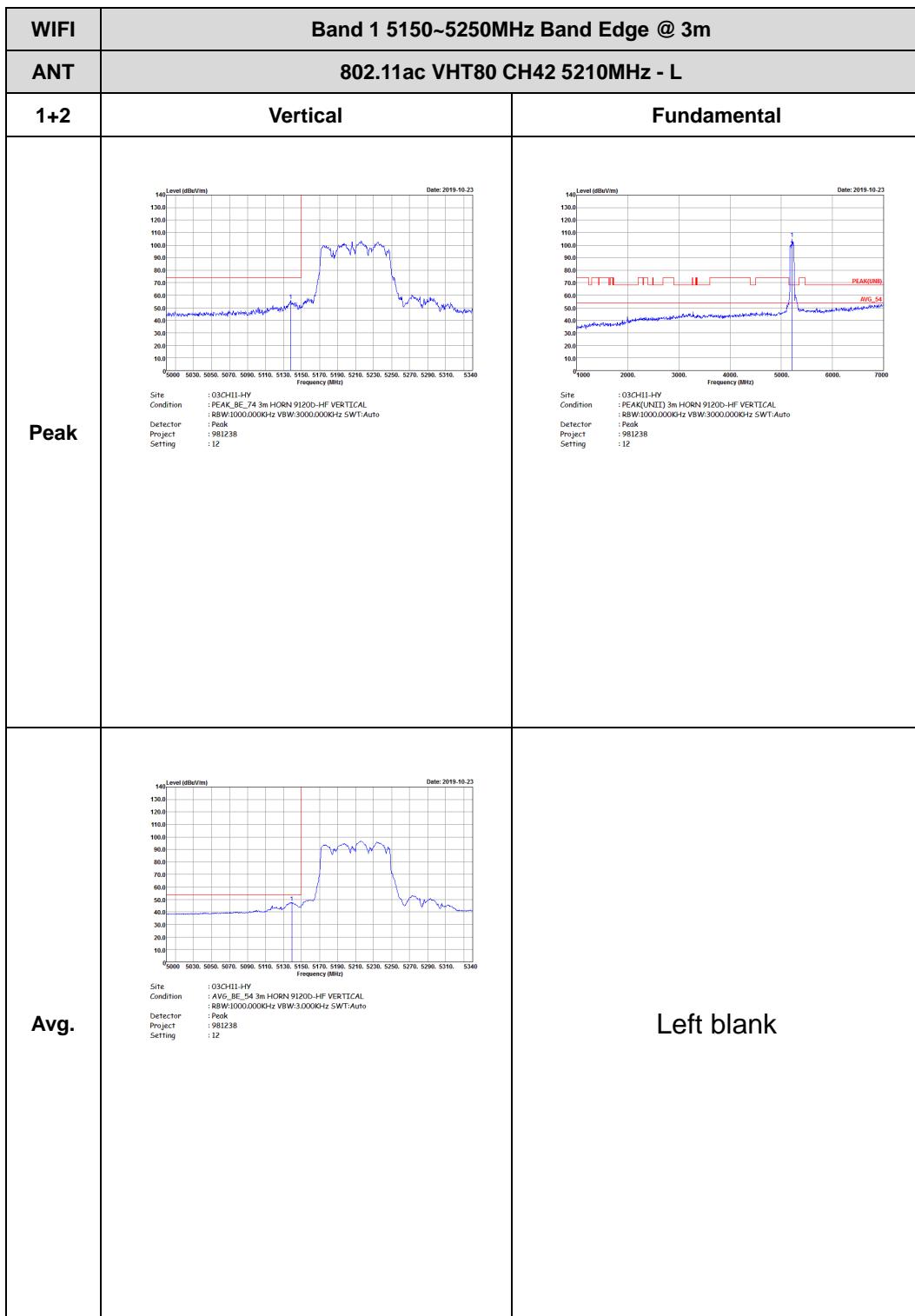
Band 1 - 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 981238 Setting : 12	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 981238 Setting : 12
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 981238 Setting : 12	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PCAC_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 981238 Setting : 12	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 981238 Setting : 12	Left blank



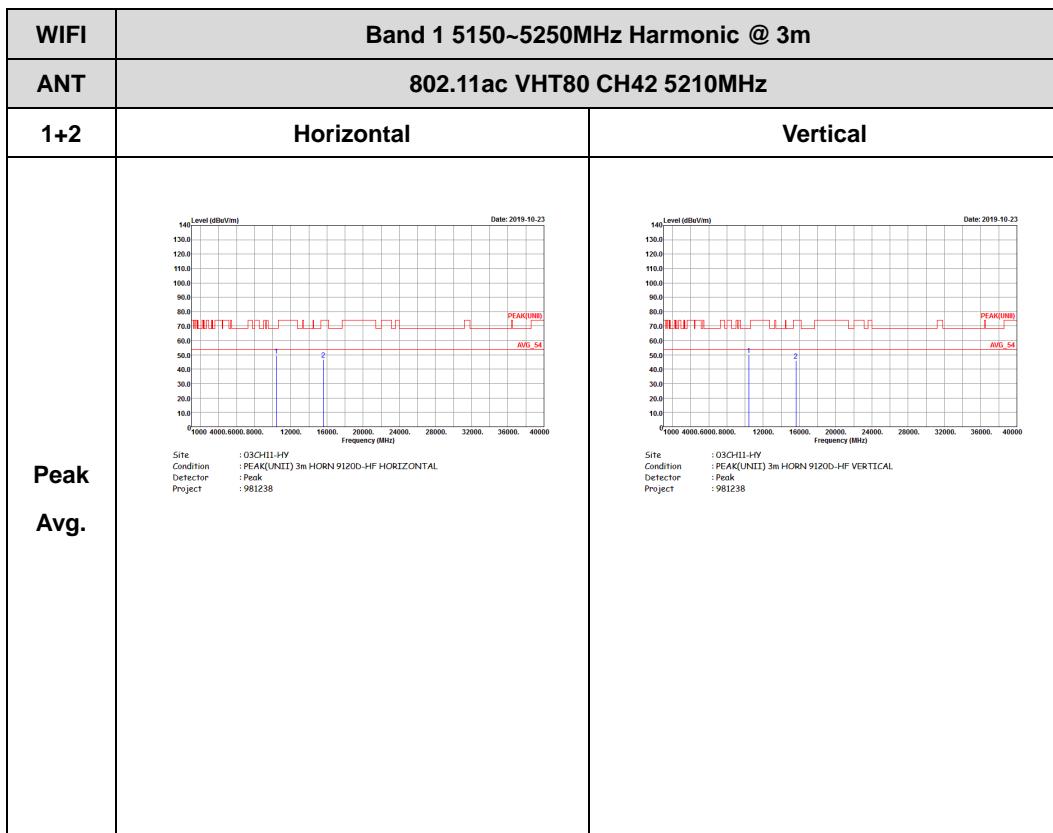


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PCMK_BE_74 3m HORN 9120D-HF VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 981238 Setting : 12	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 981238 Setting : 12	Left blank



## Band 1 - 5150~5250MHz

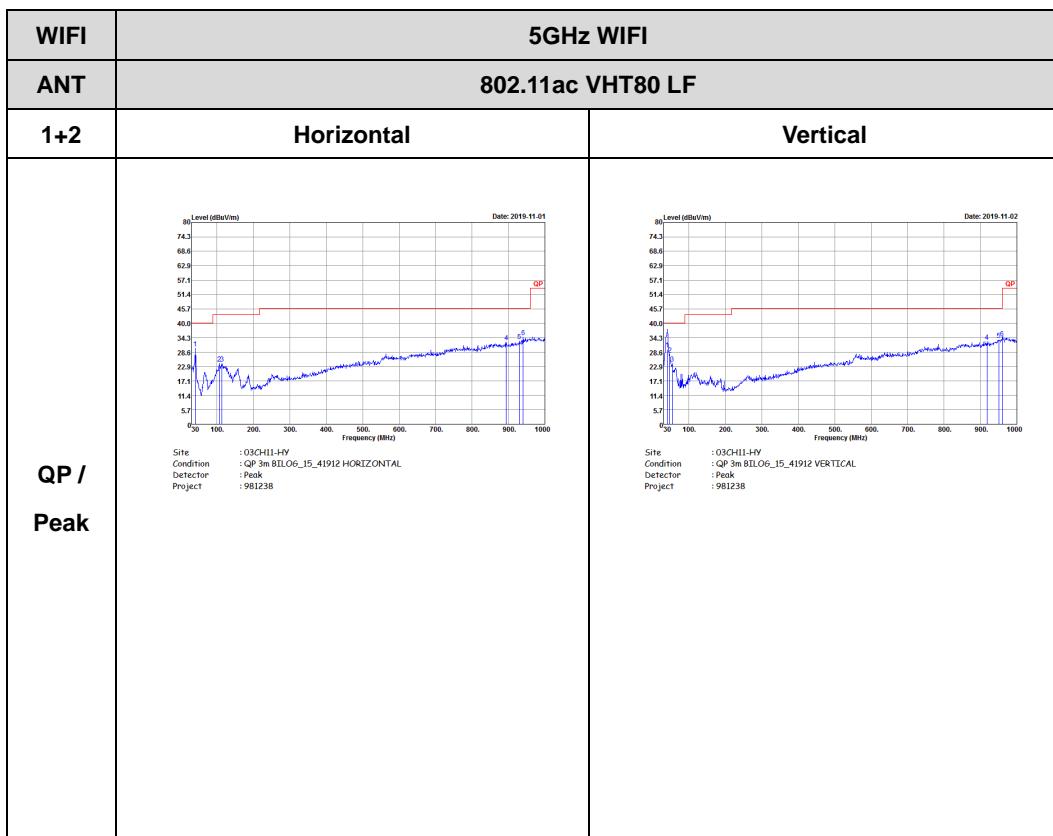
WIFI 802.11ac VHT80 (Harmonic @ 3m)





## Emission below 1GHz

## 5GHz WIFI 802.11ac VHT80 (LF)



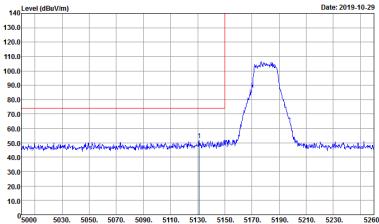
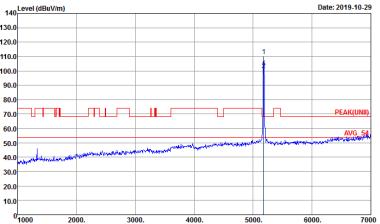
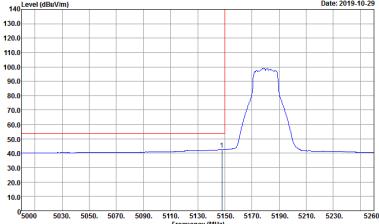


&lt;TXBF Mode&gt;

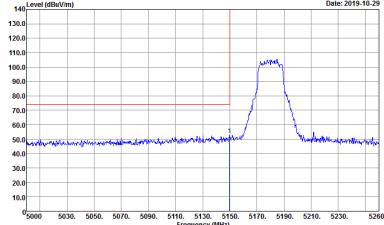
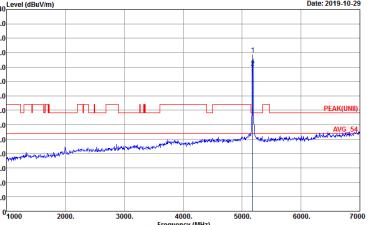
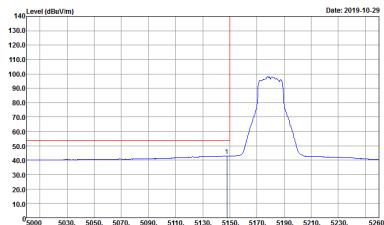
&lt;SKU 1&gt;

## Band 1 - 5150~5250MHz

## WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF_I522 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000Hz SWT:Auto Project : 981238	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF_I522 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000Hz SWT:Auto Project : 981238
Avg.	 Site : 03CH11-HY Condition : AVG_BE_-54 3m HORN 9120D-HF_I522 HORIZONTAL Detector : Peak Project : 981238	Left blank

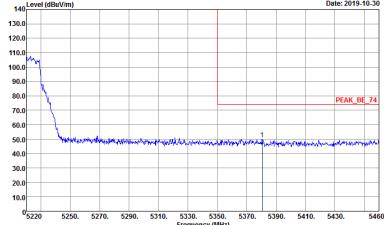
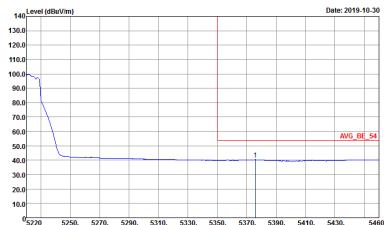


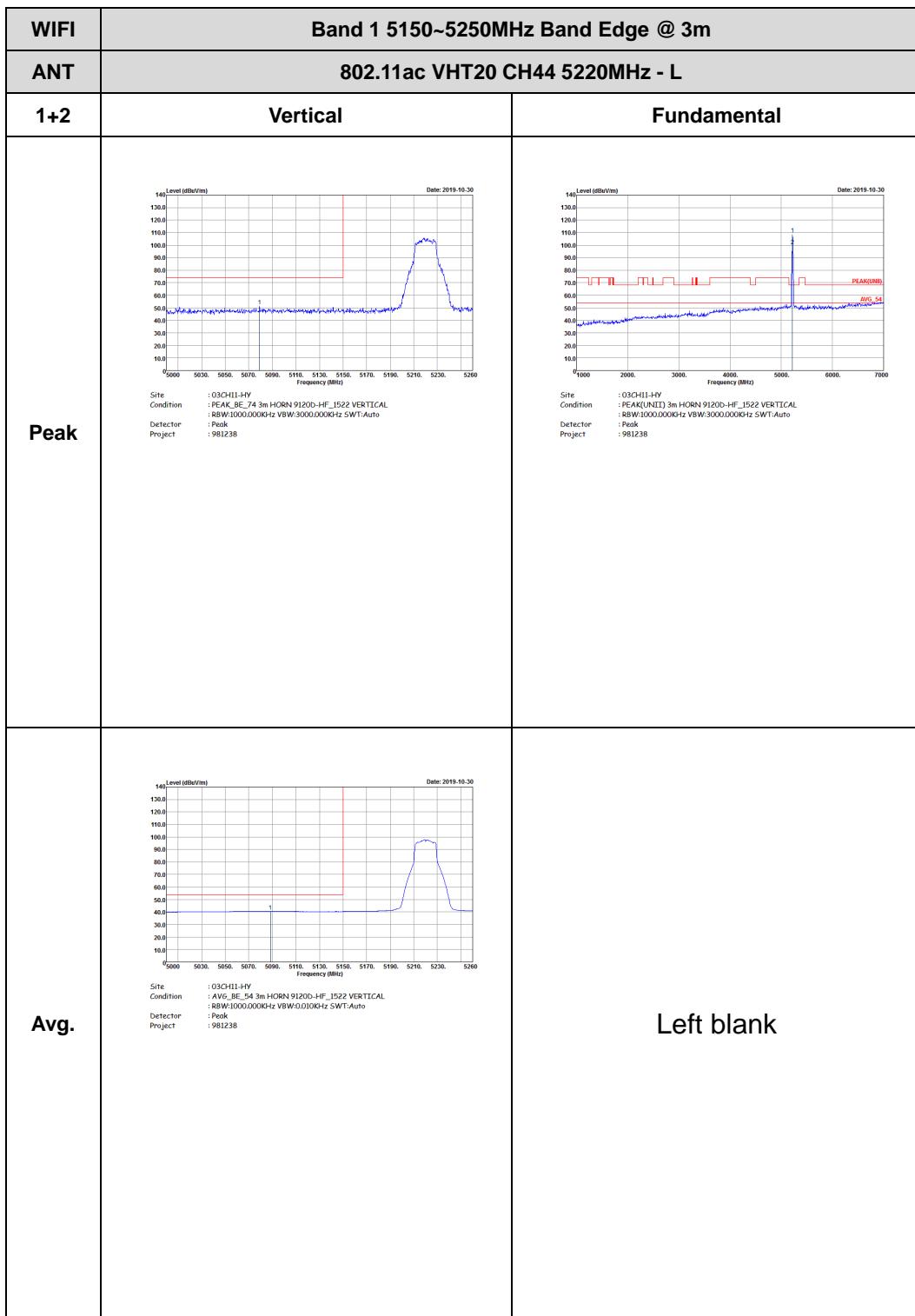
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PCAK_BE_74 3m HORN 91200-HF_IS22 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238</p>	 <p>Site : 03CH11-HY Condition : PCAK(NII) 3m HORN 91200-HF_IS22 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF_IS22 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 981238</p>	Left blank



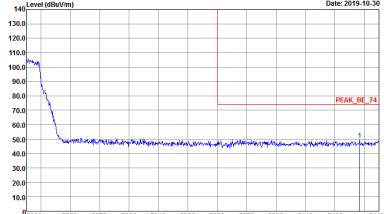
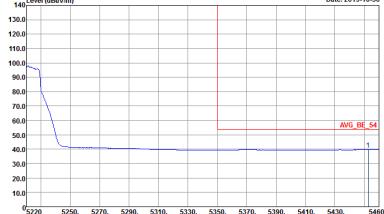
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PCAK_BE_74 3m HORN 91200-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238	 Site : 03CH11-HY Condition : PCAK(NII) 3m HORN 91200-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238
Avg.	 Site : AVG_BE_54 3m HORN 91200-HF_I522 HORIZONTAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 981238	Left blank

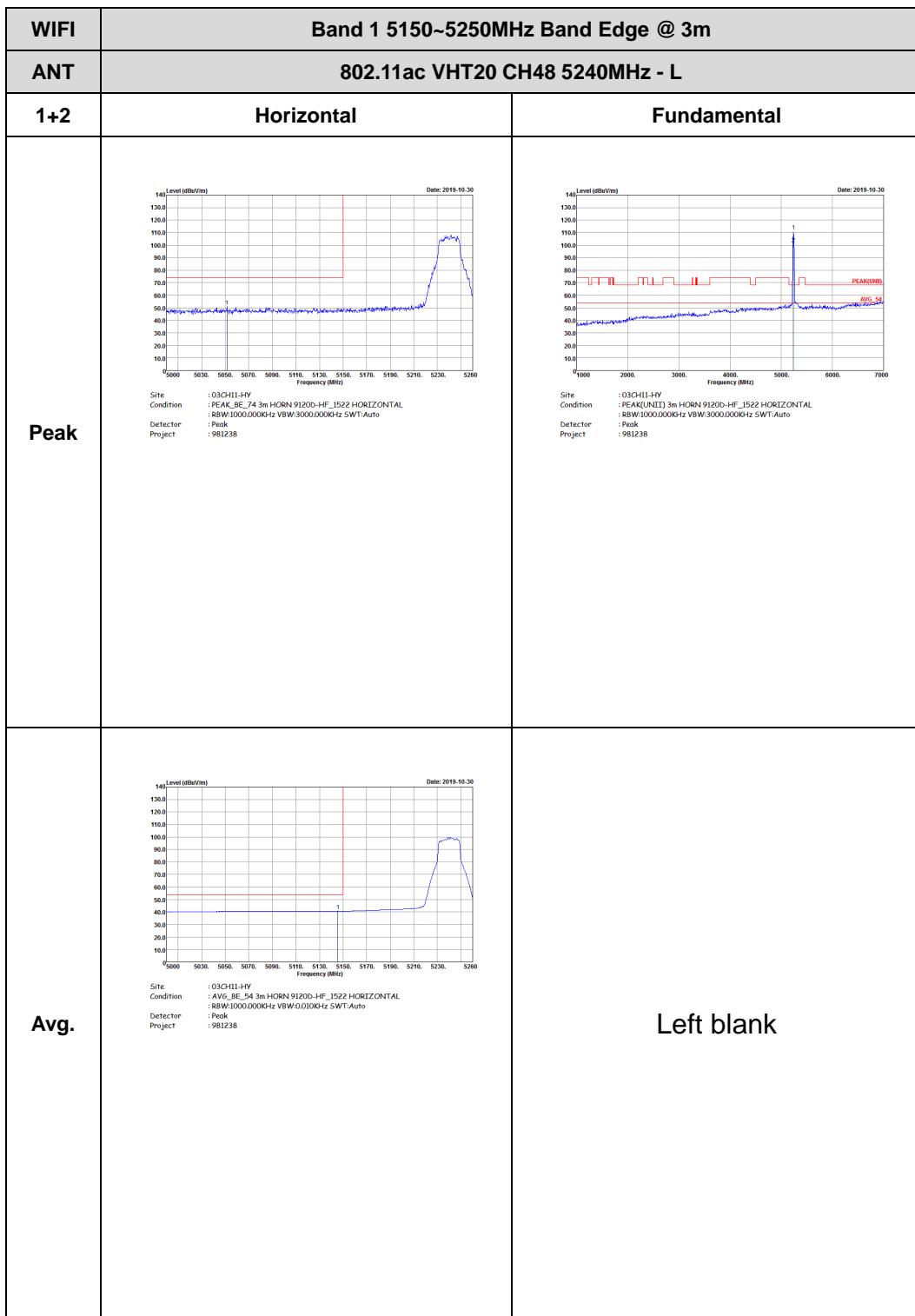


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Site : 03CH1-HY Condition : PCAC_BE_74 3m HORN 91200-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 981238</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Site : AVG_BE_54 3m HORN 91200-HF_I522 HORIZONTAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 981238</p>	Left blank

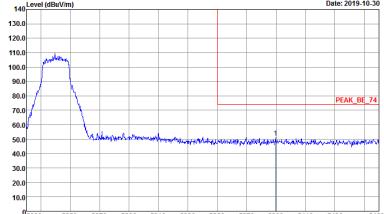
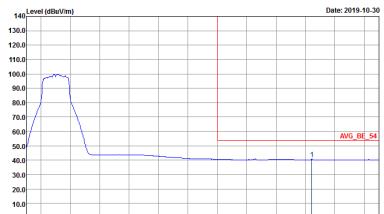




WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : 03CH1-HY Condition : PCAC_BE_74 3m HORN 91200-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : AVG_BE_54 3m HORN 91200-HF_I522 VERTICAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 981238</p>	Left blank



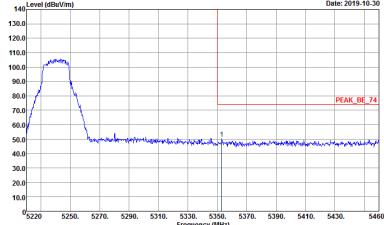
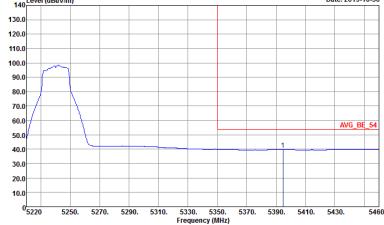


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03CH1-HY Condition : PCAC_BE_74 3m HORN 9120D-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank
Avg.	 <p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank



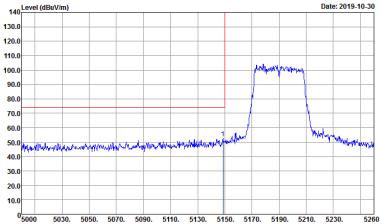
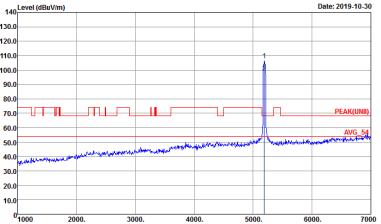
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PCAK_BE_74 3m HORN 91200-HF_IS22 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238	 Site : 03CH11-HY Condition : PCAK(UNI) 3m HORN 91200-HF_IS22 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238
Avg.	 Site : AVG_BE_54 3m HORN 91200-HF_IS22 VERTICAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 981238	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m) vs Frequency (MHz) Date: 2019-10-30 Site : 03CH1-HY Condition : PCAC_BE_74 3m HORN 9120D-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak 981238</p>	Left blank
Avg.	 <p>Level (dBmV/m) vs Frequency (MHz) Date: 2019-10-30 Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak 981238</p>	Left blank

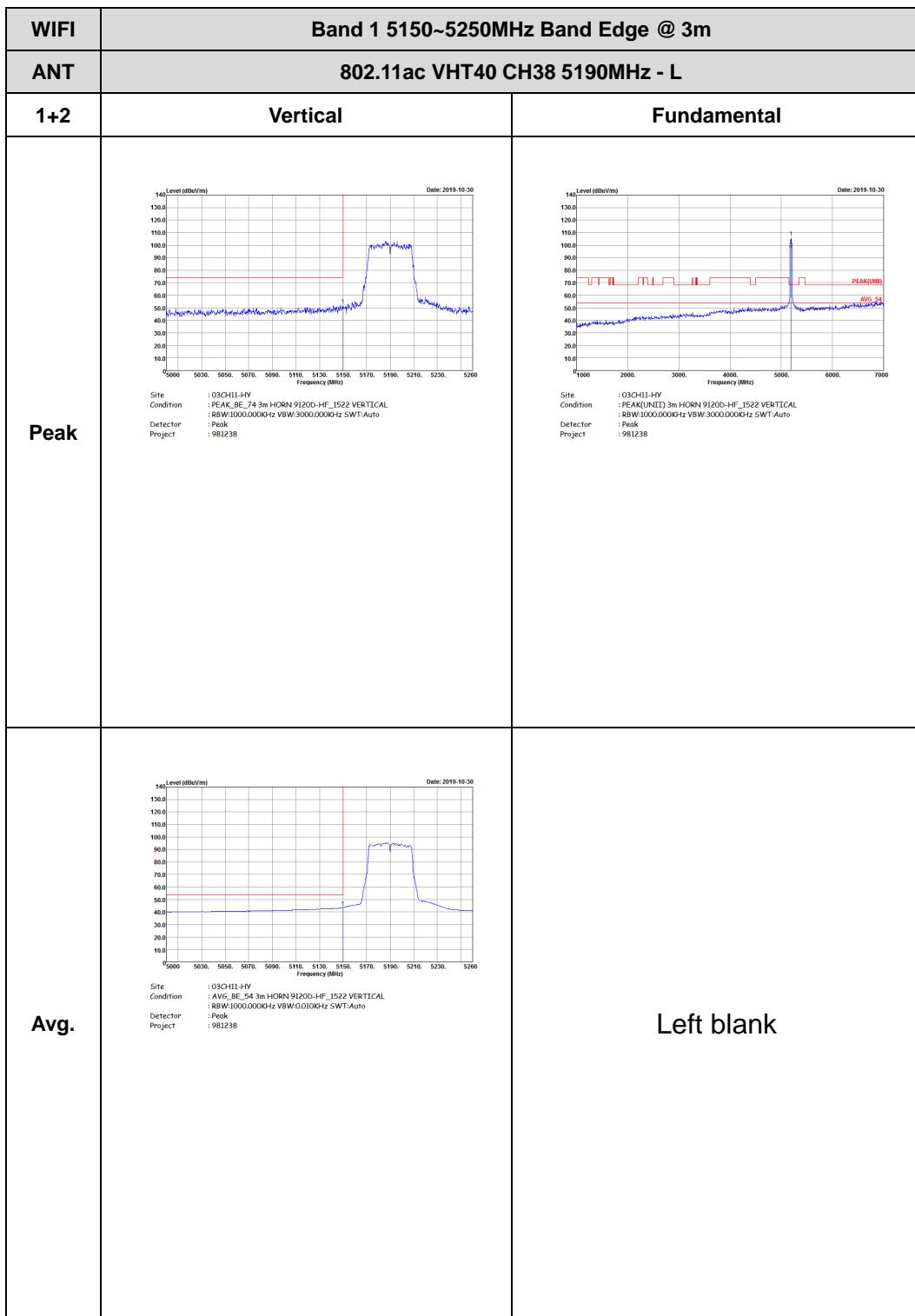


**Band 1 5150~5250MHz**  
**WIFI 802.11ac VHT40 (Band Edge @ 3m)**

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK,BE_74 3m HORN 9120D-HF_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 981238</p>	Left blank

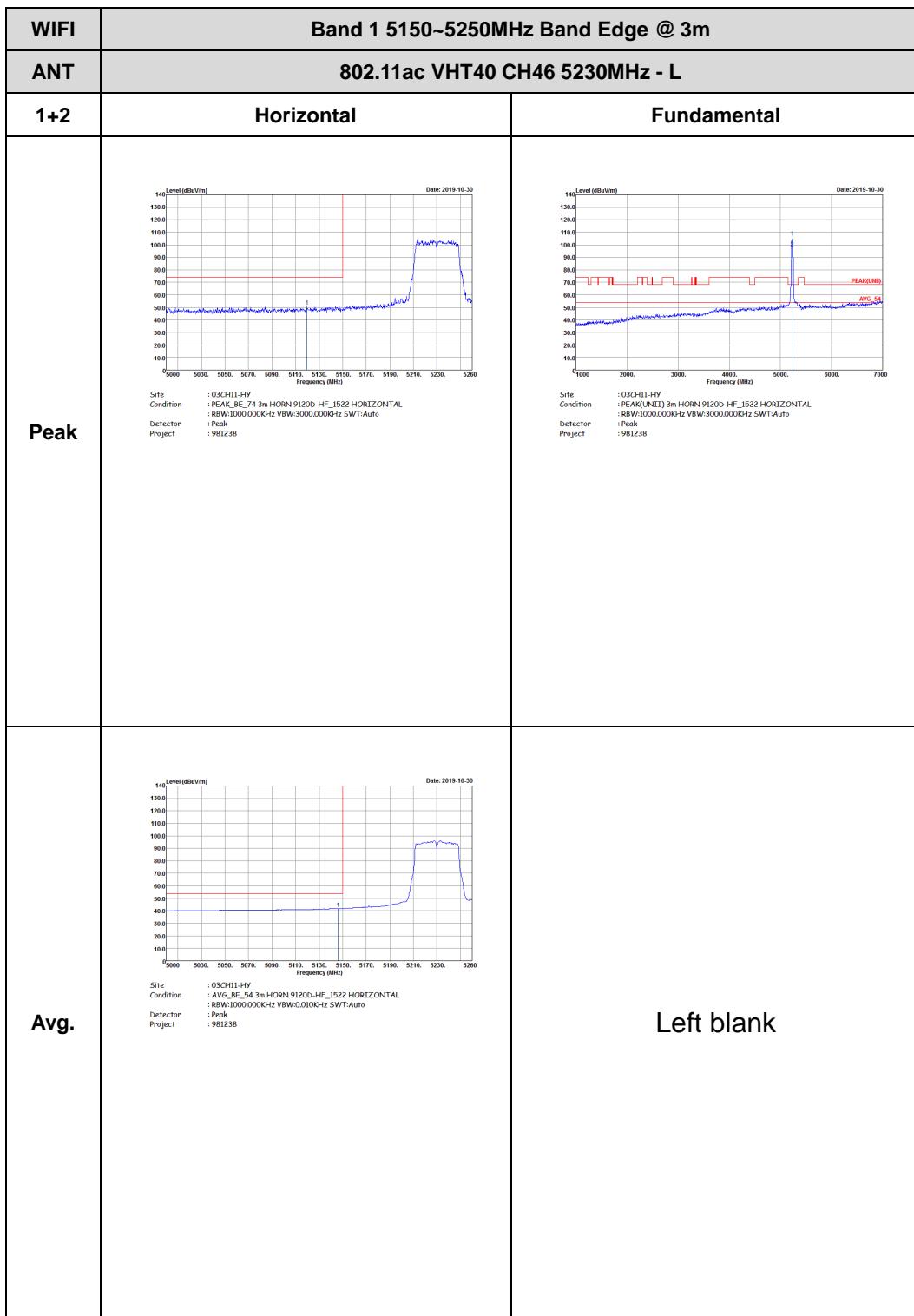


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH1-HY Condition : PCAK_BE_74 3m HORN 9120D-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238	Left blank
Avg.	 Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238	Left blank



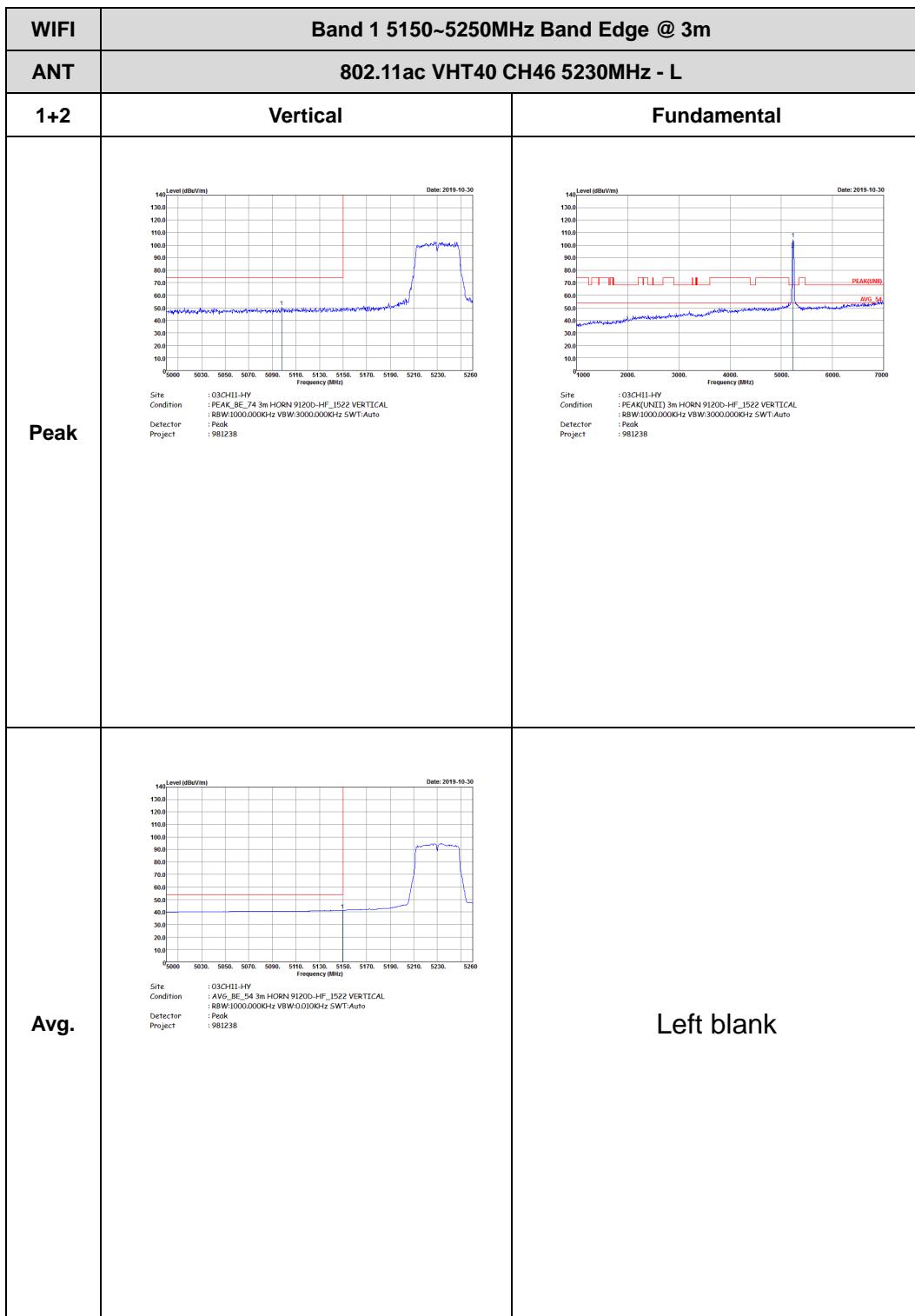


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak	 Date: 2019-10-30 Site : 03CH1-HY Condition : PCAC_BE_74 3m HORN 9120D-HF_I522 VERTICAL Detector : R8W1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238	Left blank
Avg.	 Date: 2019-10-30 Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF_I522 VERTICAL Detector : R8W1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238	Left blank





WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH1-HY Condition : PCAC_BE_74 3m HORN 9120D-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238	Left blank
Avg.	 Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238	Left blank

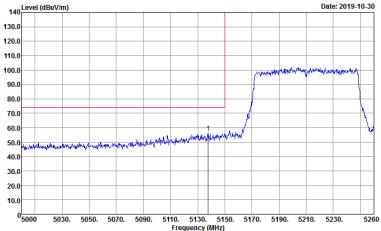
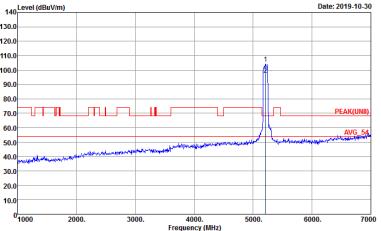
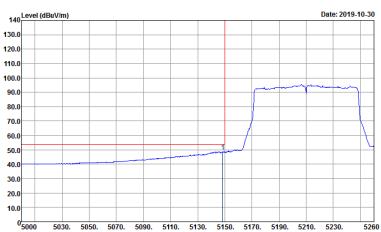




WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH1-HY Condition : PCMK_BE_74 3m HORN 9120D-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238	Left blank
Avg.	 Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238	Left blank

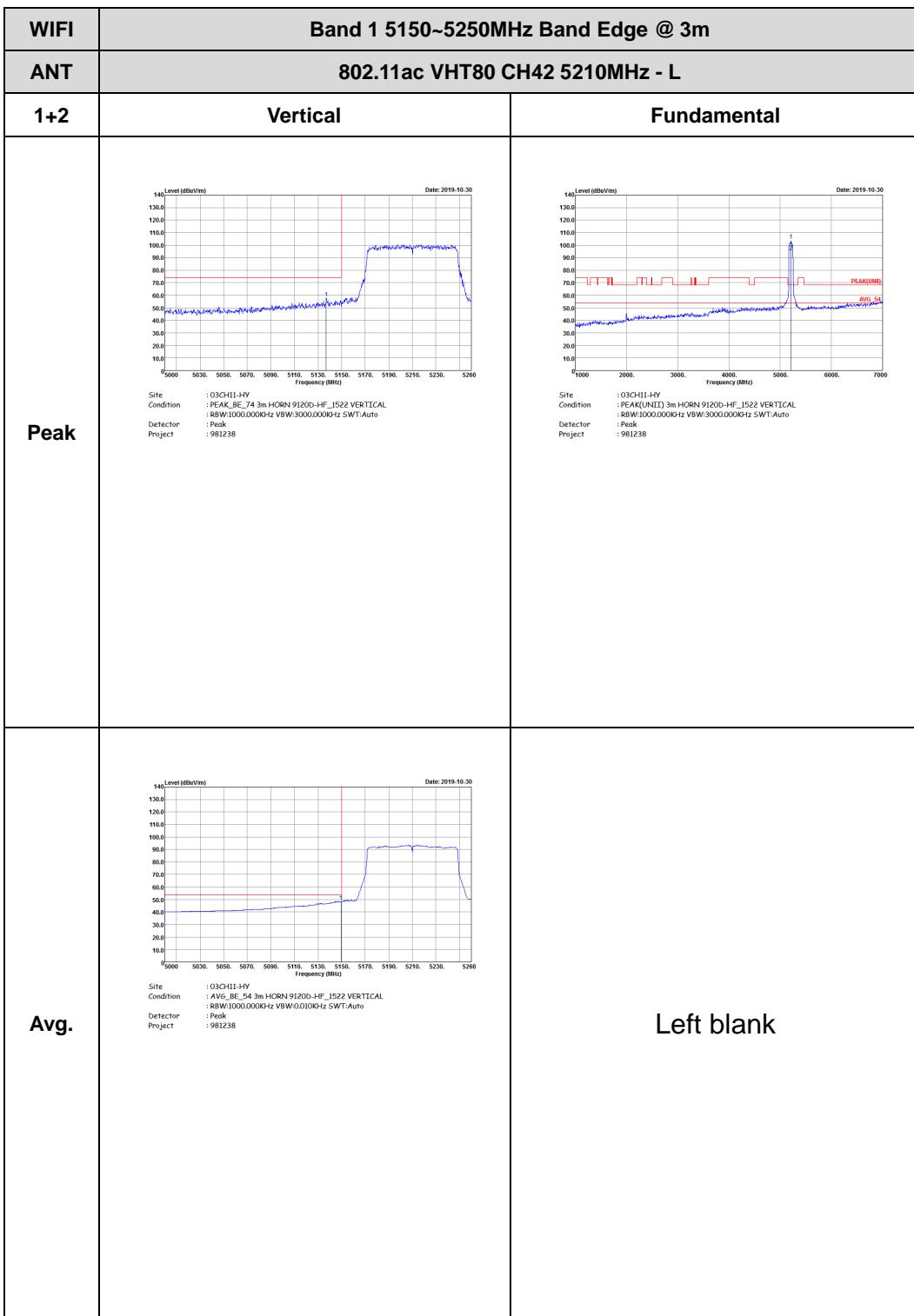


**Band 1 5150~5250MHz**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

<b>WIFI</b>	<b>Band 1 5150~5250MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11ac VHT80 CH42 5210MHz - L</b>	
<b>1+2</b>	<b>Horizontal</b>	<b>Fundamental</b>
<b>Peak</b>	 <p>Site : 03CH11-HY Condition : PEAK,BE_74 3m HORN 9120D-HF_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000Hz SWT:Auto Detector : Peak Project : 981238</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000Hz SWT:Auto Detector : Peak Project : 981238</p>
<b>Avg.</b>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 981238</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PCAC_BE_74 3m HORN 9120D-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238	Left blank



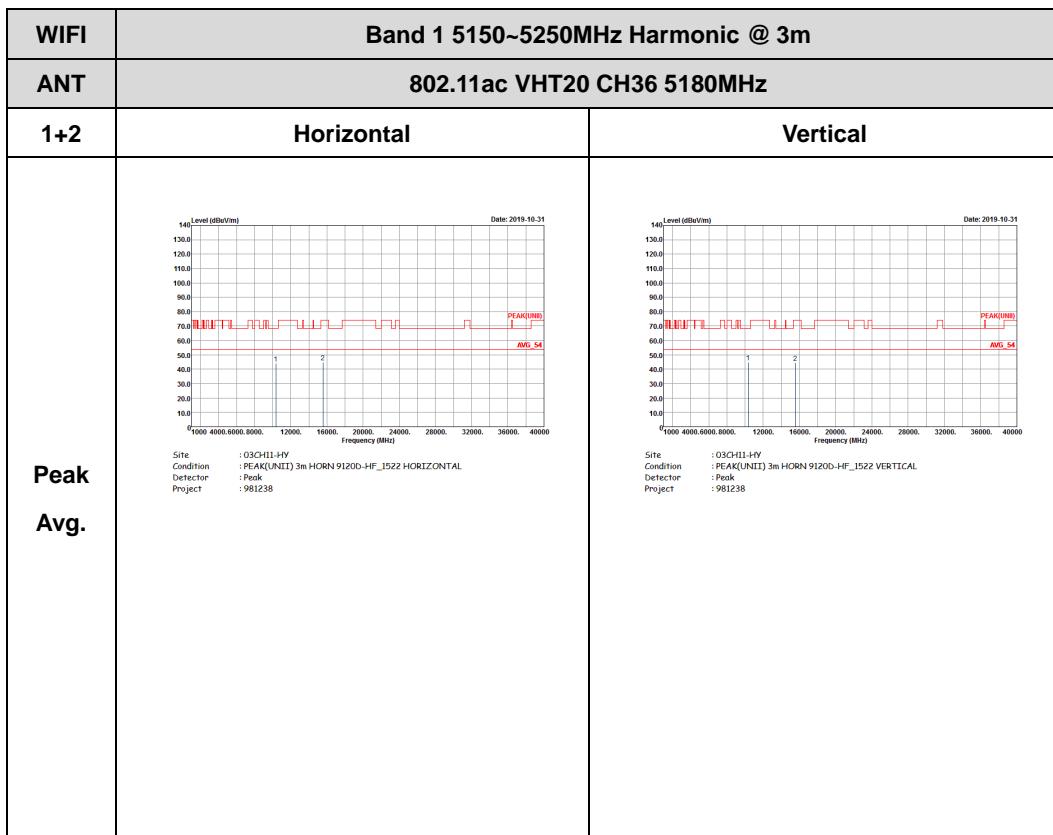


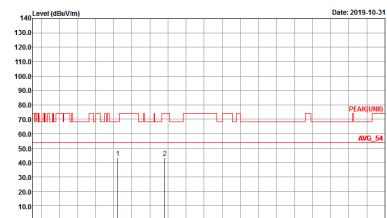
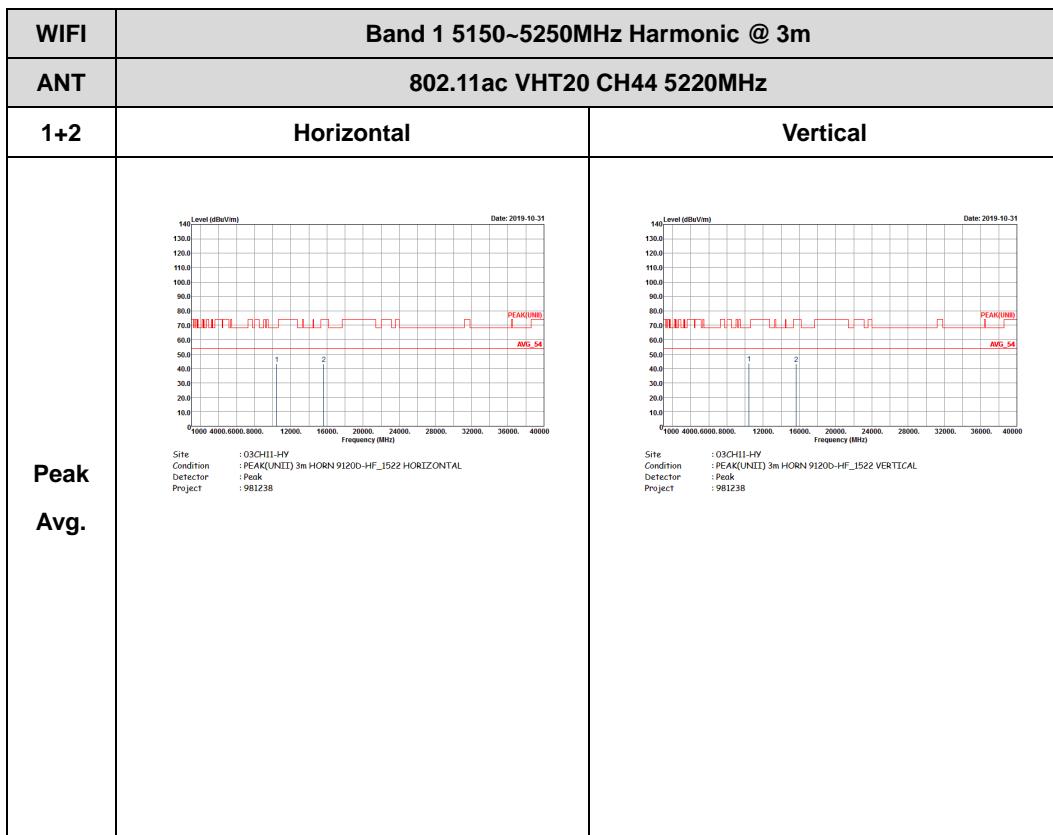
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PC4K_BE_74 3m HORN 9120D-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak : 981238	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238	Left blank



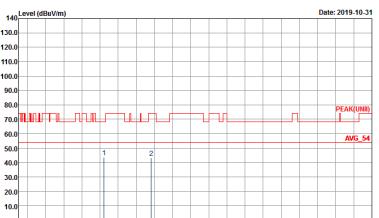
## Band 1 - 5150~5250MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

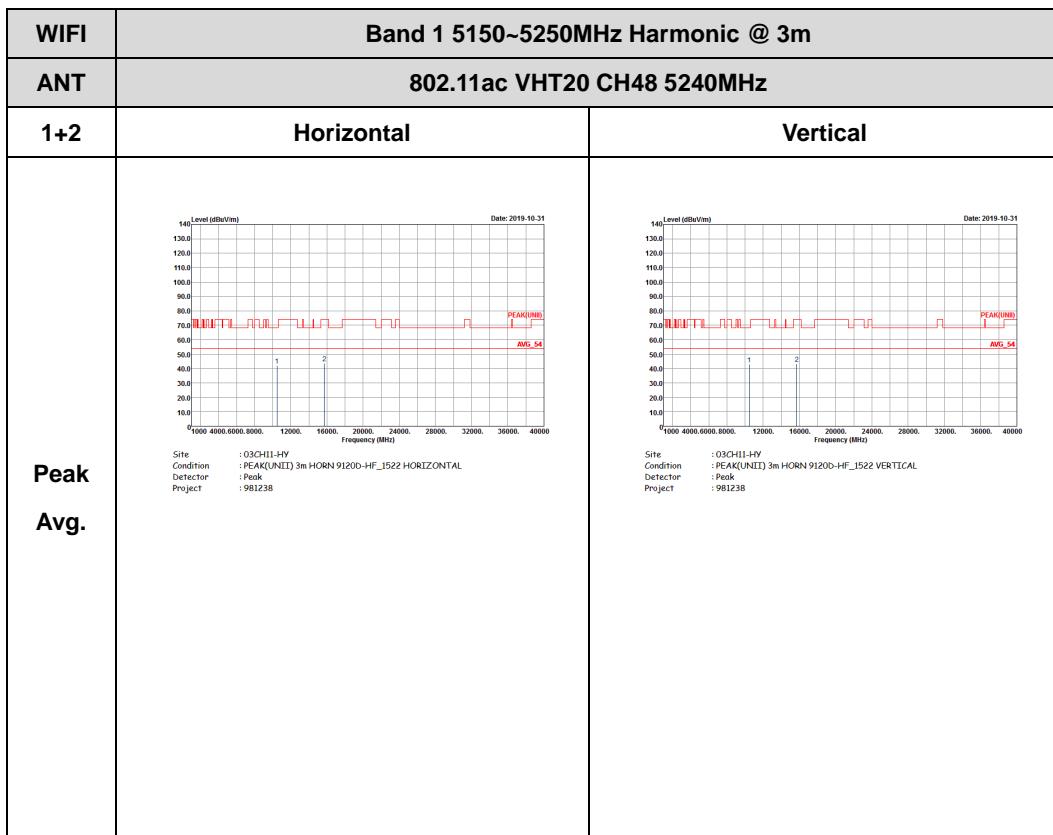




Site : 03GHU-HY  
Condition : PEAK(UNII) 3m HORN 91200-HF\_J522 HORIZONTAL  
Detector : Peak  
Project : 981238

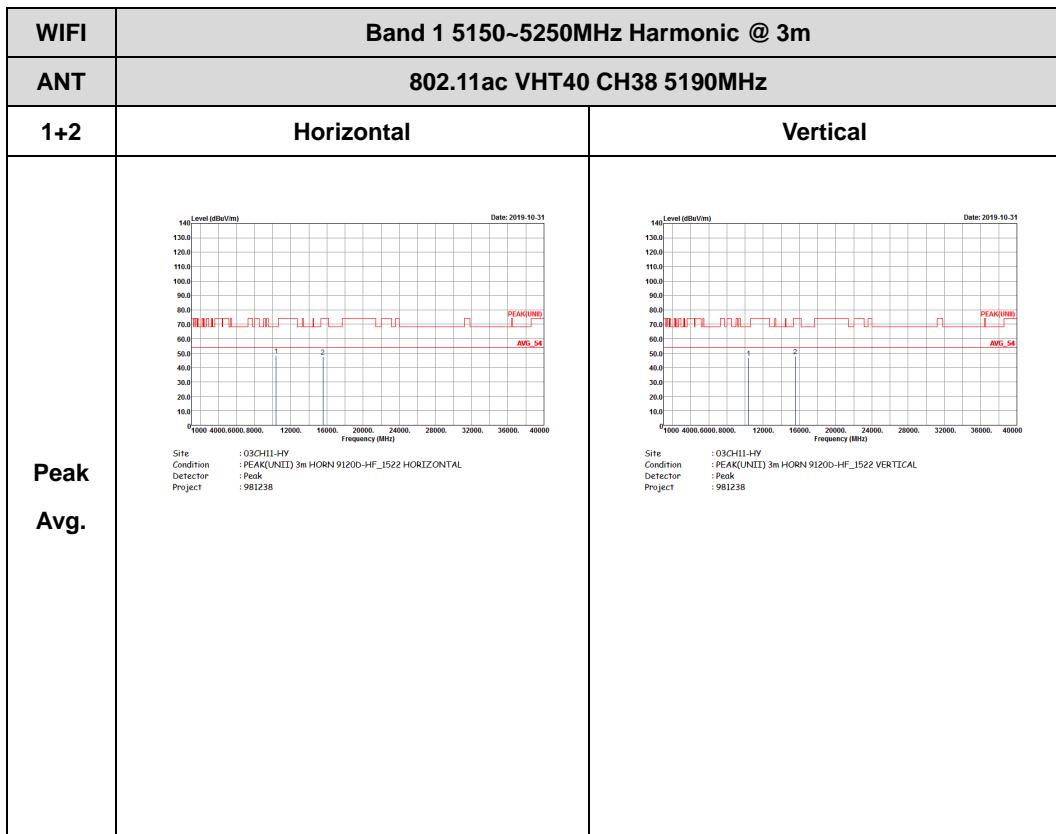


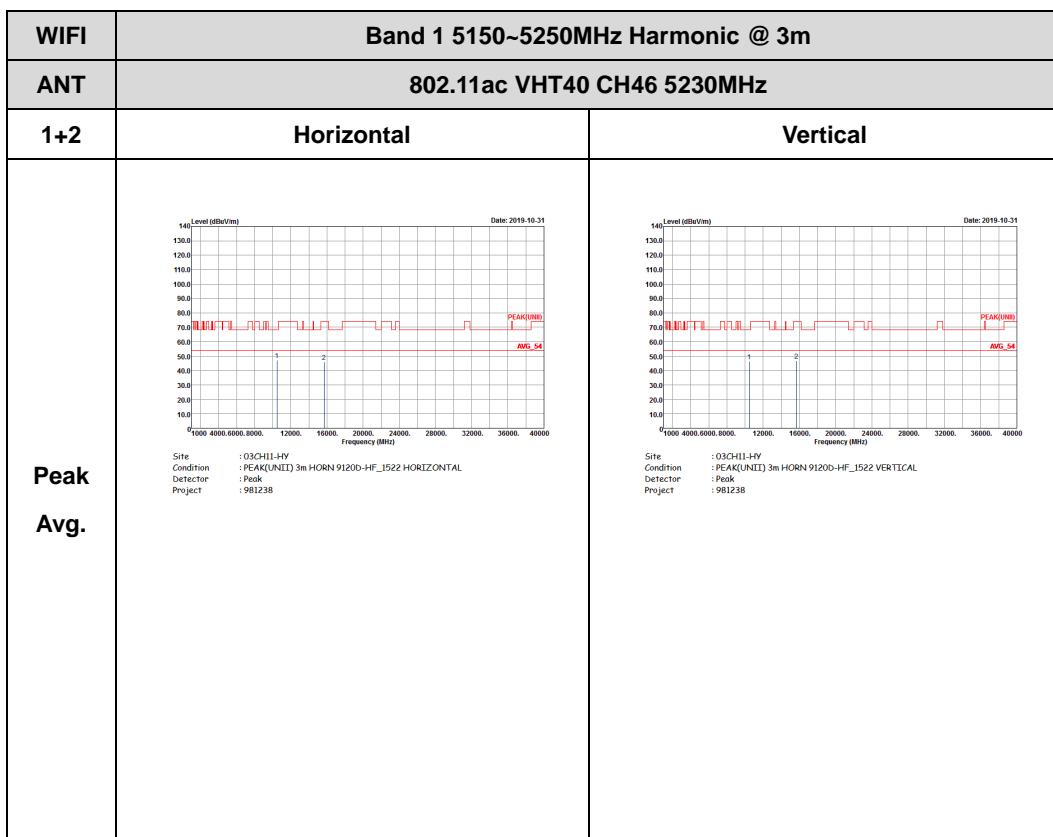
Site : 03GHU-HY  
Condition : PEAK(UNII) 3m HORN 91200-HF\_J522 VERTICAL  
Detector : Peak  
Project : 981238





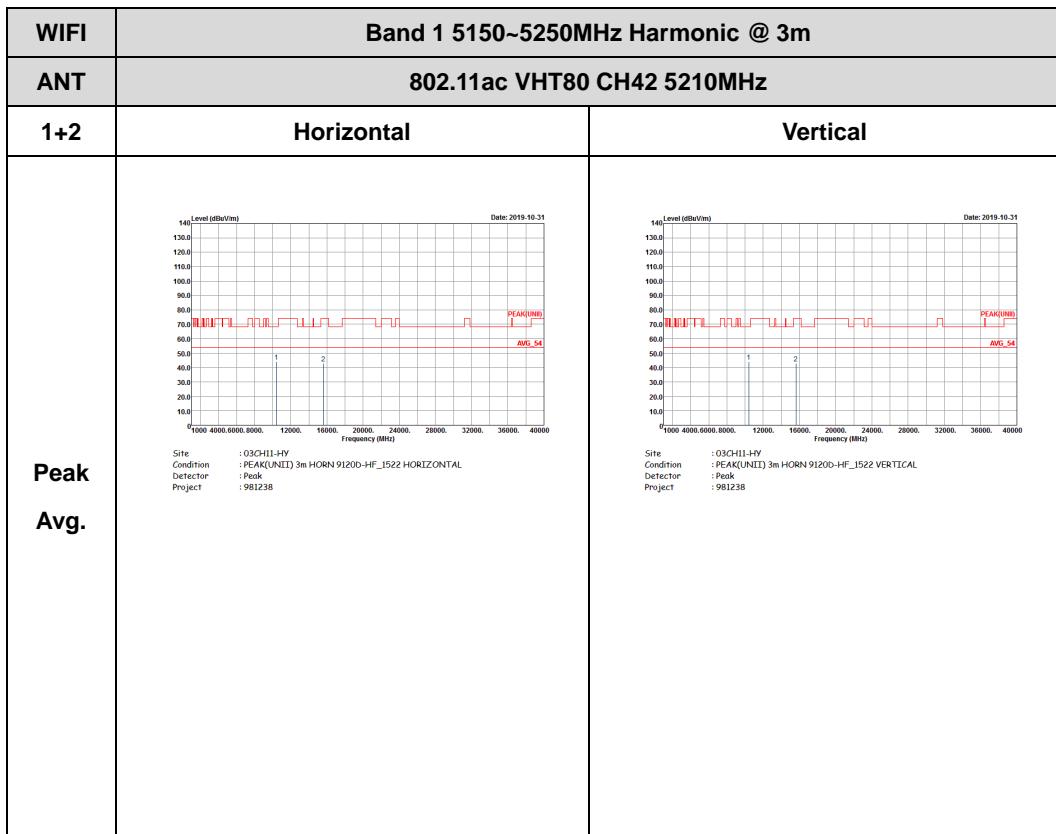
**Band 1 5150~5250MHz**  
**WIFI 802.11ac VHT40 (Harmonic @ 3m)**







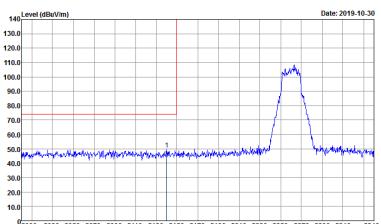
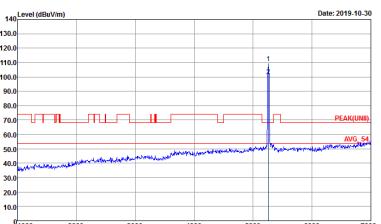
**Band 1 5150~5250MHz**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**



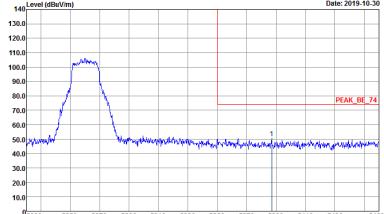
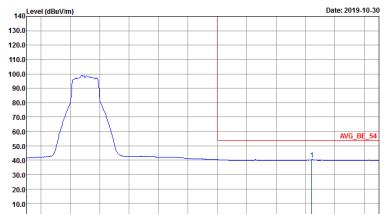


## Band 2 - 5250~5350MHz

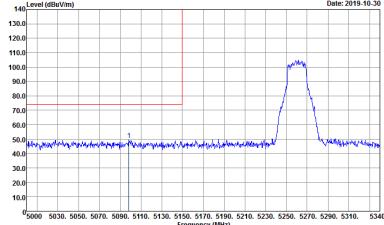
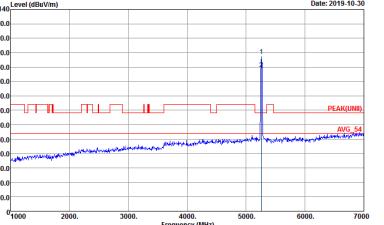
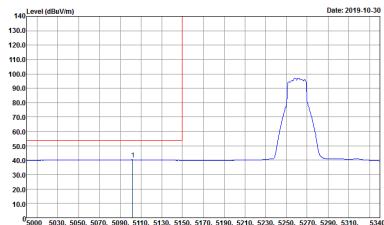
## WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : AVG, BE, 74 3m HORN 9120D-HF_I522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF_I522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238
Avg.	 Site : 03CH11-HY Condition : AVG, BE, 54 3m HORN 9120D-HF_I522 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 981238	Left blank

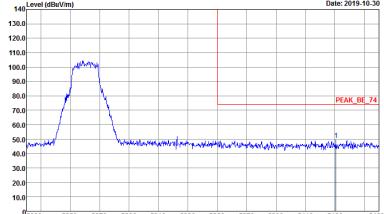
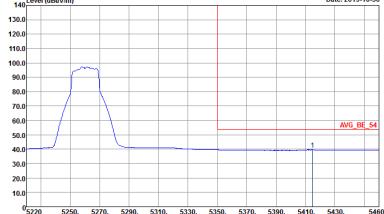


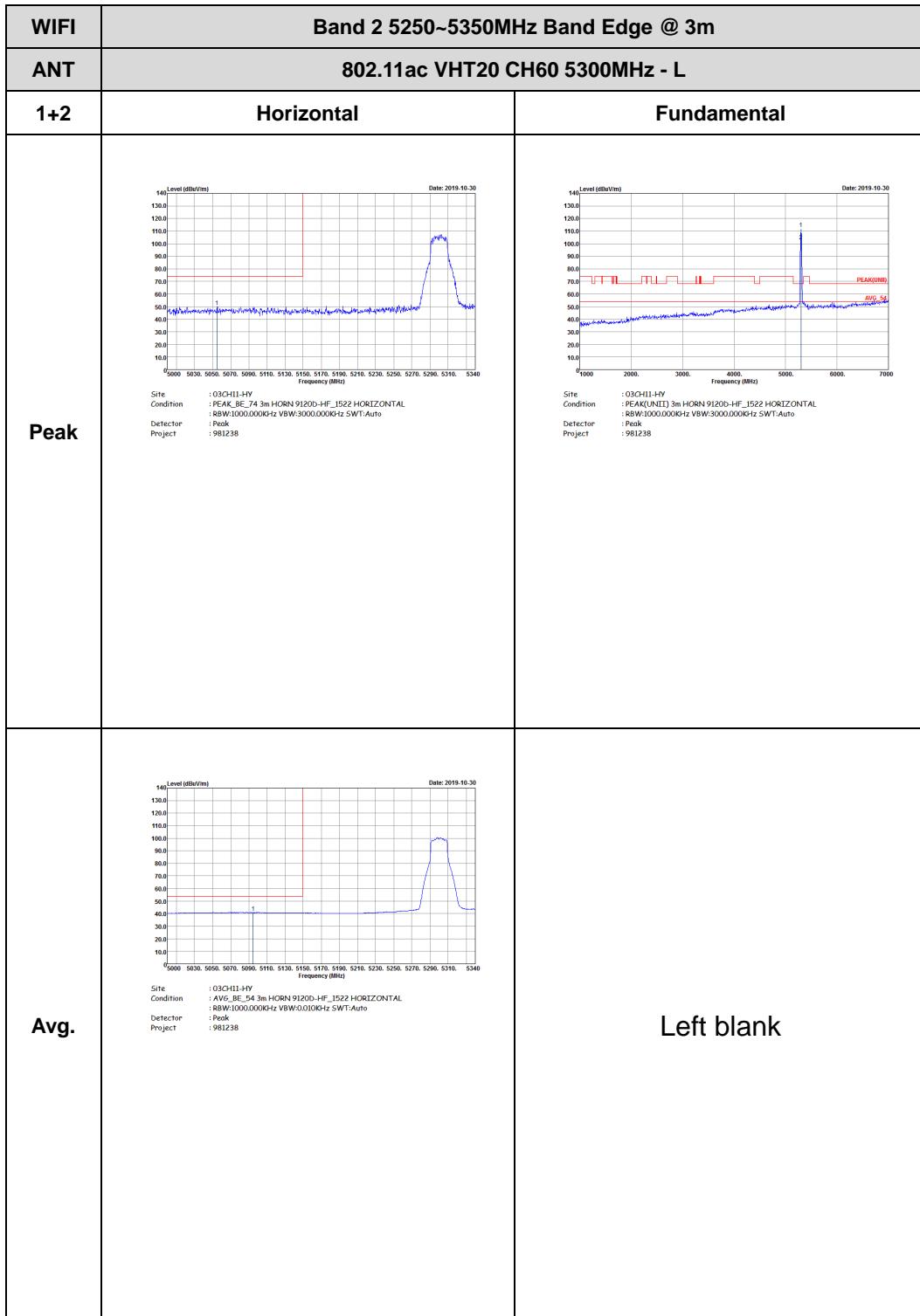
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : 03CH1-HY Condition : PCAC_BE_74 3m HORN 91200-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak : 981238</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 91200-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank



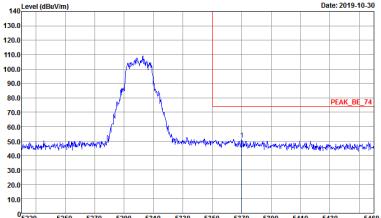
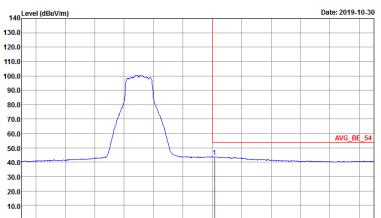
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak	 <p>Site : 03CH1-HY Condition : PCAK_BE_74 3m HORN 91200-HF_IS22 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 981238</p>	 <p>Site : 03CH1-HY Condition : PCAK(UNI) 3m HORN 91200-HF_IS22 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 981238</p>
Avg.	 <p>Site : AVG_BE_54 3m HORN 91200-HF_IS22 VERTICAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 981238</p>	Left blank

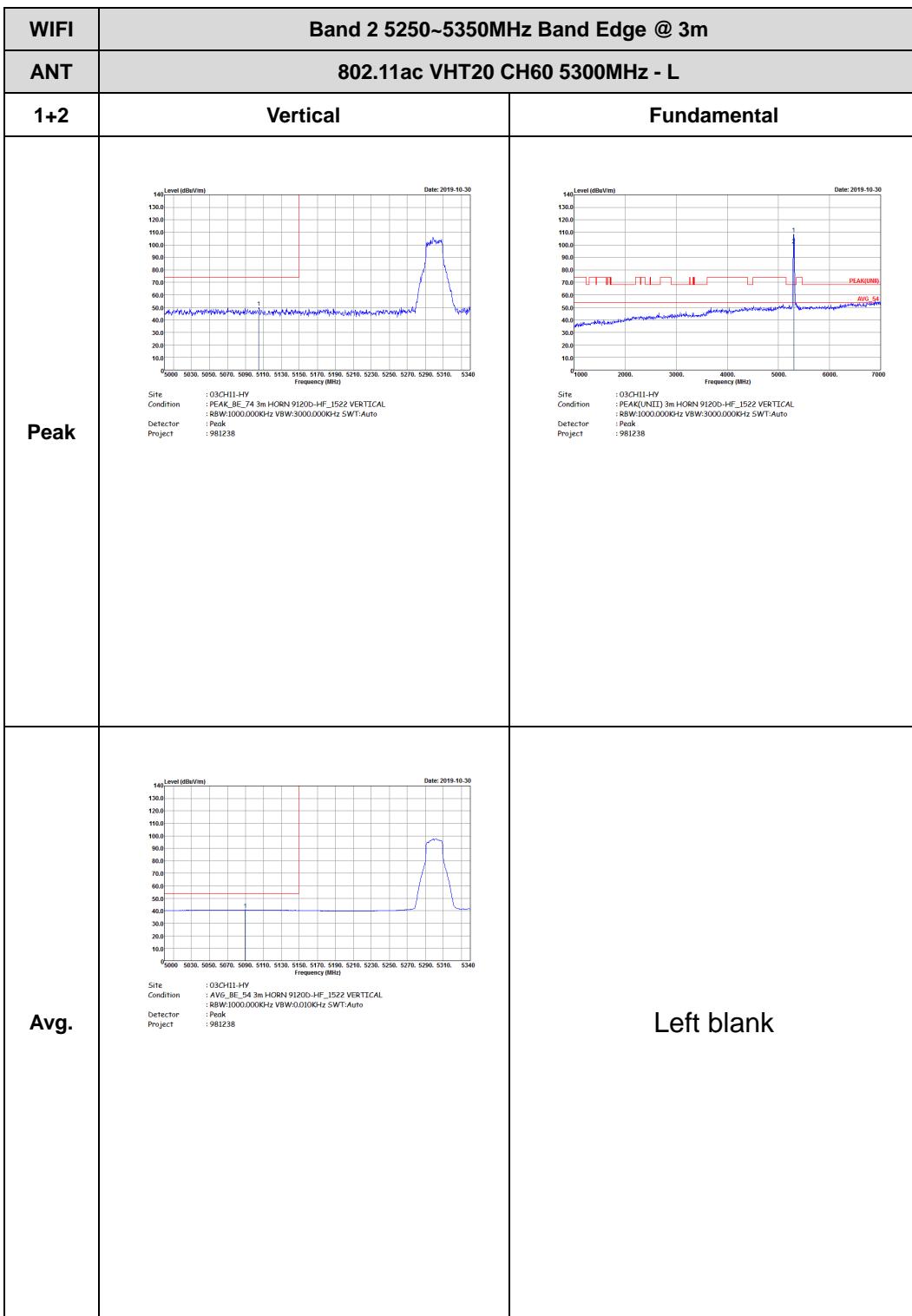


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : 03CH1-HY Condition : PCAC_BE_74 3m HORN 91200-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : AVG_BE_54 3m HORN 91200-HF_I522 VERTICAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 981238</p>	Left blank

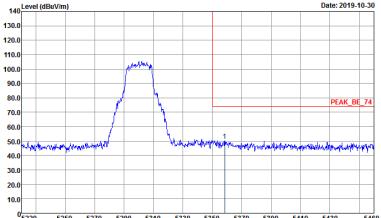
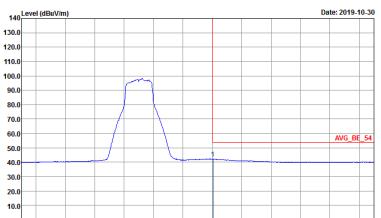




WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : 03CH1-HY Condition : PCAC_BE_74 3m HORN 9120D-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak : 981238</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank

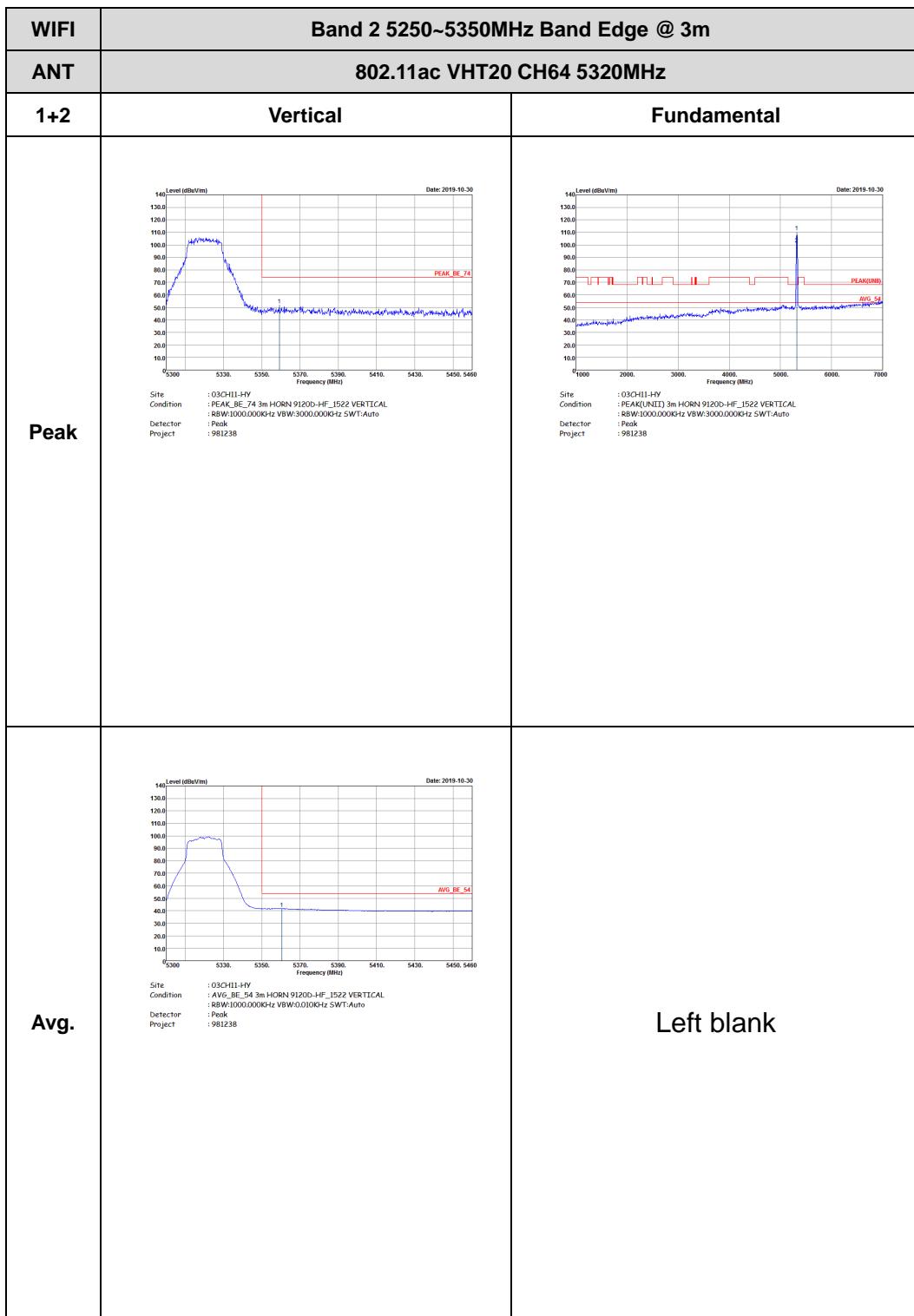




WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : 03CH1-HY Condition : PCAC_BE_74 3m HORN 9120D-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank

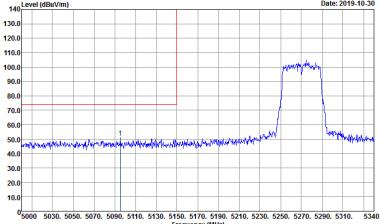
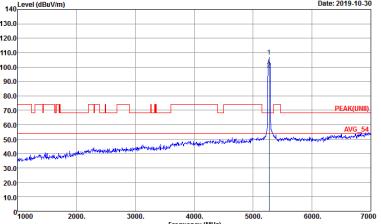


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	<p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Band Edge Peak measurement. The x-axis ranges from 5300 to 5460 MHz, and the y-axis ranges from 0 to 140 dBuV/m. A blue curve shows a sharp peak around 5320 MHz. A red step function indicates the detector response. The peak is labeled 'PEAK_BE_74'. Test parameters: Site: 03CH11-HY, Condition: PEAK(BE), Detector: Peak, Project: 981238.</p>	<p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Fundamental Peak measurement. The x-axis ranges from 1000 to 7000 MHz, and the y-axis ranges from 0 to 140 dBuV/m. A blue curve shows a sharp peak at approximately 5320 MHz. A red step function indicates the detector response. The peak is labeled 'PEAK(FUND)'. Test parameters: Site: 03CH11-HY, Condition: PEAK(FUND), Detector: Peak, Project: 981238.</p>
Avg.	<p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Average Band Edge measurement. The x-axis ranges from 5300 to 5460 MHz, and the y-axis ranges from 0 to 140 dBuV/m. A blue curve shows a broad peak around 5320 MHz. A red step function indicates the detector response. The peak is labeled 'AVG BE_54'. Test parameters: Site: 03CH11-HY, Condition: AVG_BE_54, Detector: Peak, Project: 981238.</p>	Left blank

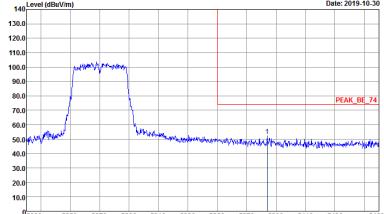
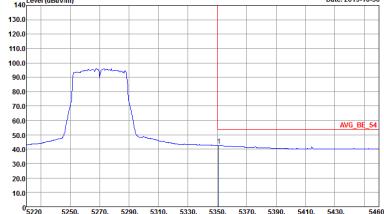


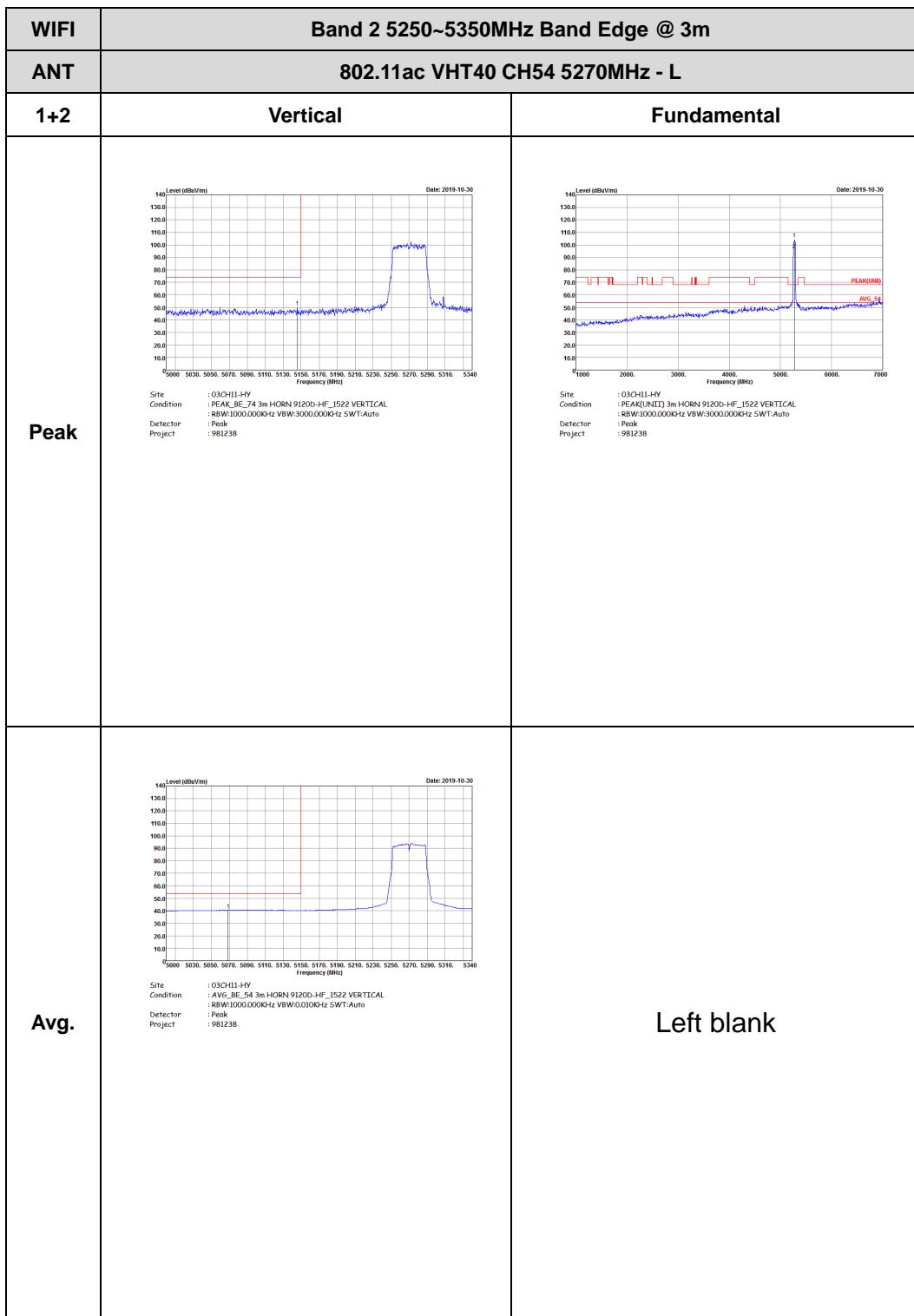


**Band 2 5250~5350MHz**  
**WIFI 802.11ac VHT40 (Band Edge @ 3m)**

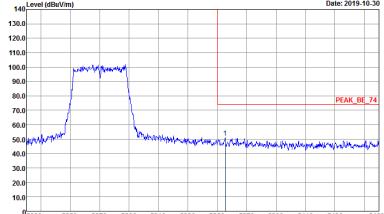
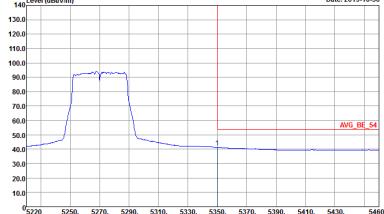
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270MHz - L	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) Date: 2019-10-30</p> <p>Site: 03CH11-HY Condition: PEAK_BE_74 3m HORN 91200-HF_I522 HORIZONTAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 981238</p>	 <p>Level (dBuV/m) vs Frequency (MHz) Date: 2019-10-30</p> <p>Site: 03CH11-HY Condition: PEAK(UNIT) 3m HORN 91200-HF_I522 HORIZONTAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 981238</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) Date: 2019-10-30</p> <p>Site: 03CH11-HY Condition: AVG_BE_54 3m HORN 91200-HF_I522 HORIZONTAL Detector: RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project: 981238</p>	Left blank



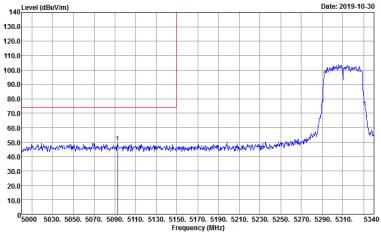
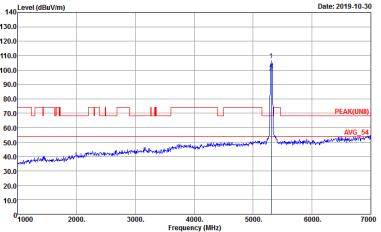
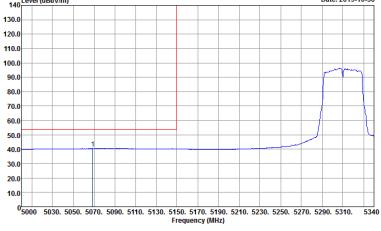
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m) vs Frequency (MHz) Date: 2019-10-30 Site : 03CH1-HY Condition : PCAC_BE_74 3m HORN 9120D-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank
Avg.	 <p>Level (dBmV/m) vs Frequency (MHz) Date: 2019-10-30 Site : AVG_BE_54 3m HORN 9120D-HF_I522 HORIZONTAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 981238</p>	Left blank





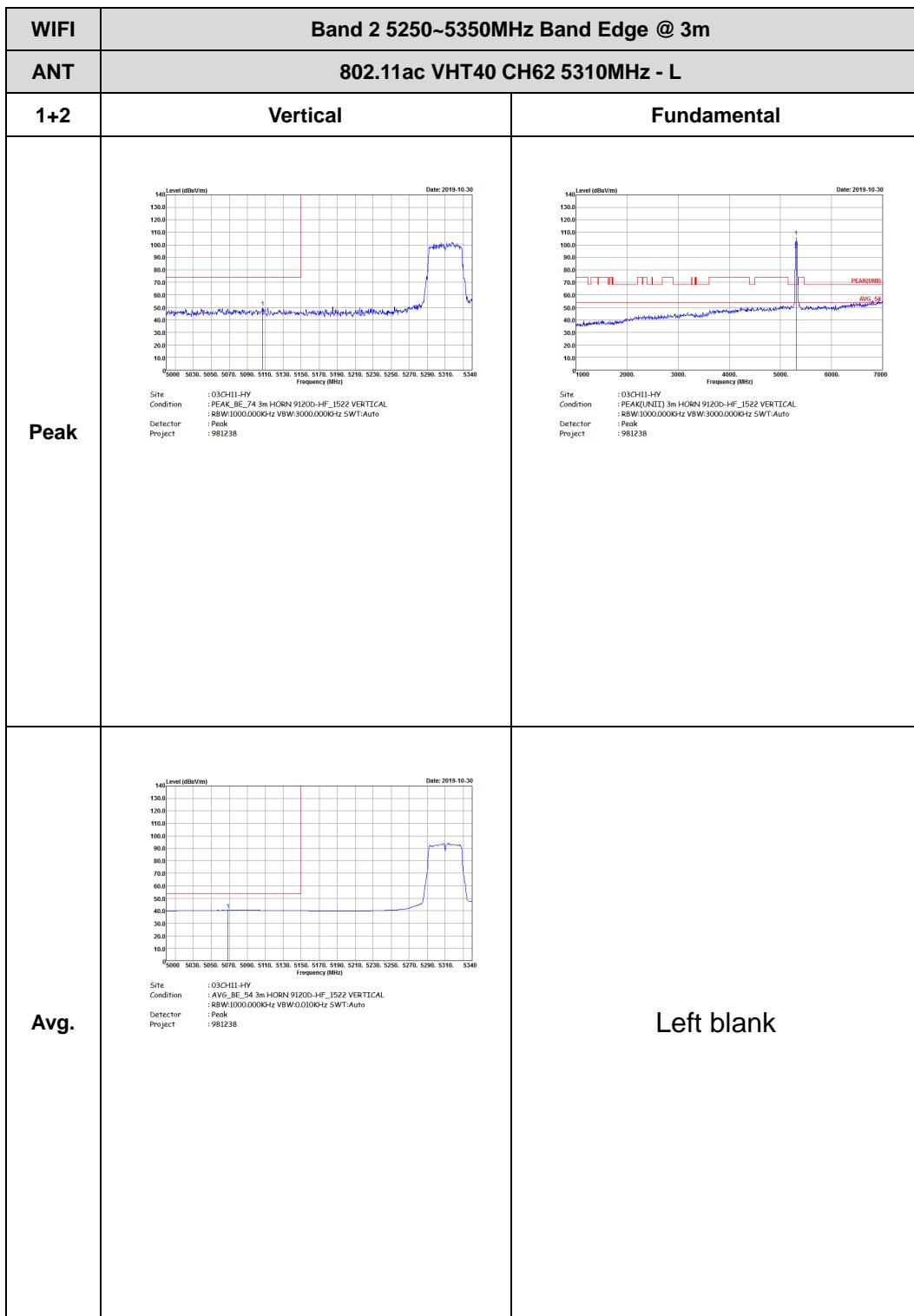
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>PEAK_BE_74</p> <p>Site : 03CH1-HY Condition : PCAC_BE_74 3m HORN 9120D-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>AVG_BE_54</p> <p>Site : AVG_BE_54 3m HORN 9120D-HF_I522 VERTICAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 981238</p>	Left blank



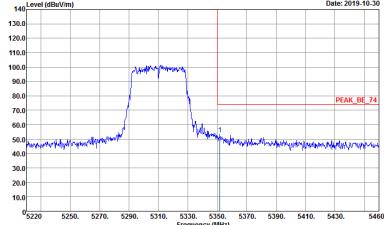
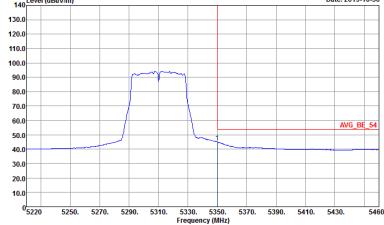
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310MHz - L	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF_I522 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000Hz SW:Auto Project : 981238</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF_I522 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000Hz SW:Auto Project : 981238</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF_I522 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000Hz SW:Auto Project : 981238</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : 03CH1-HY Condition : PCAC_BE_74 3m HORN 9120D-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank
Avg.	<p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank

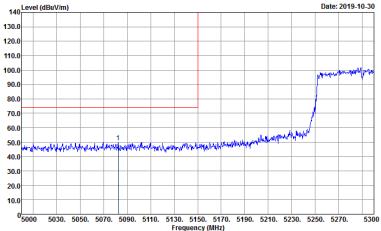
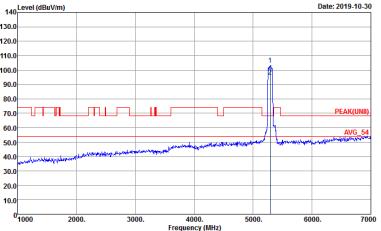
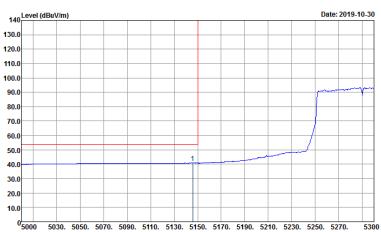




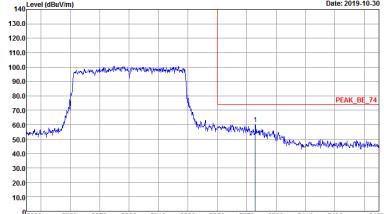
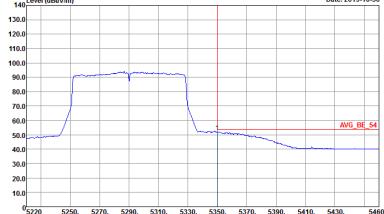
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Site : 03CH1-HY Condition : PCAC_BE_74 3m HORN 91200-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank
Avg.	 <p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 91200-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank

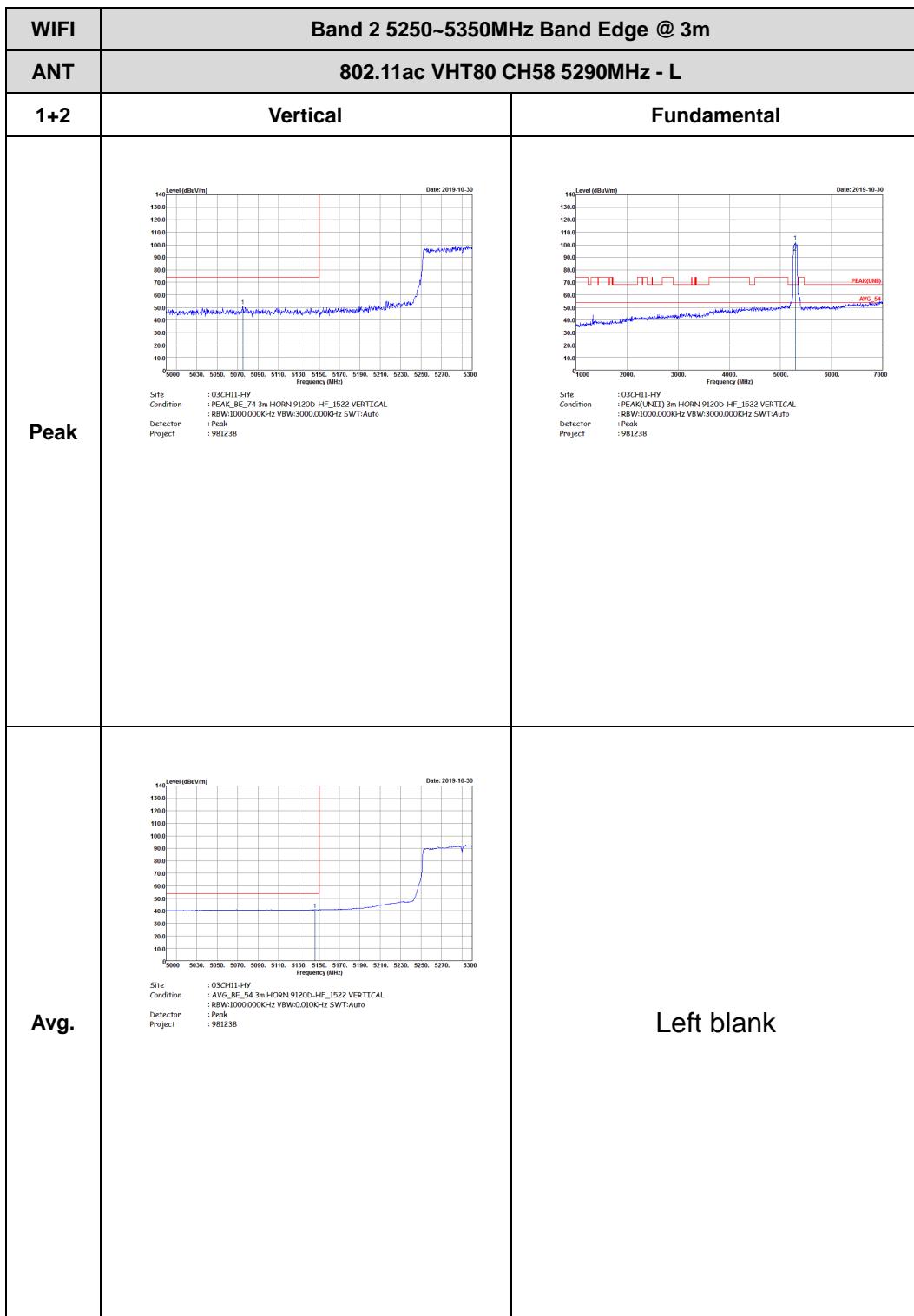


**Band 2 5250~5350MHz**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

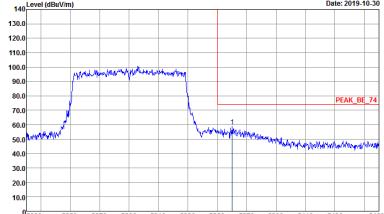
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000Hz SWT:Auto Detector : Peak Project : 981238</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000Hz SWT:Auto Detector : Peak Project : 981238</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 981238</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m) vs Frequency (MHz) from 5220 to 5460. A sharp peak is labeled PEAK_BE_74 at approximately 5290 MHz.</p> <p>Site : 03CH1-HY Condition : PCAC_BE_74 3m HORN 9120D-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank
Avg.	 <p>Level (dBmV/m) vs Frequency (MHz) from 5220 to 5460. A broad average level is labeled AVG_BE_54 at approximately 5290 MHz.</p> <p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF_I522 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank



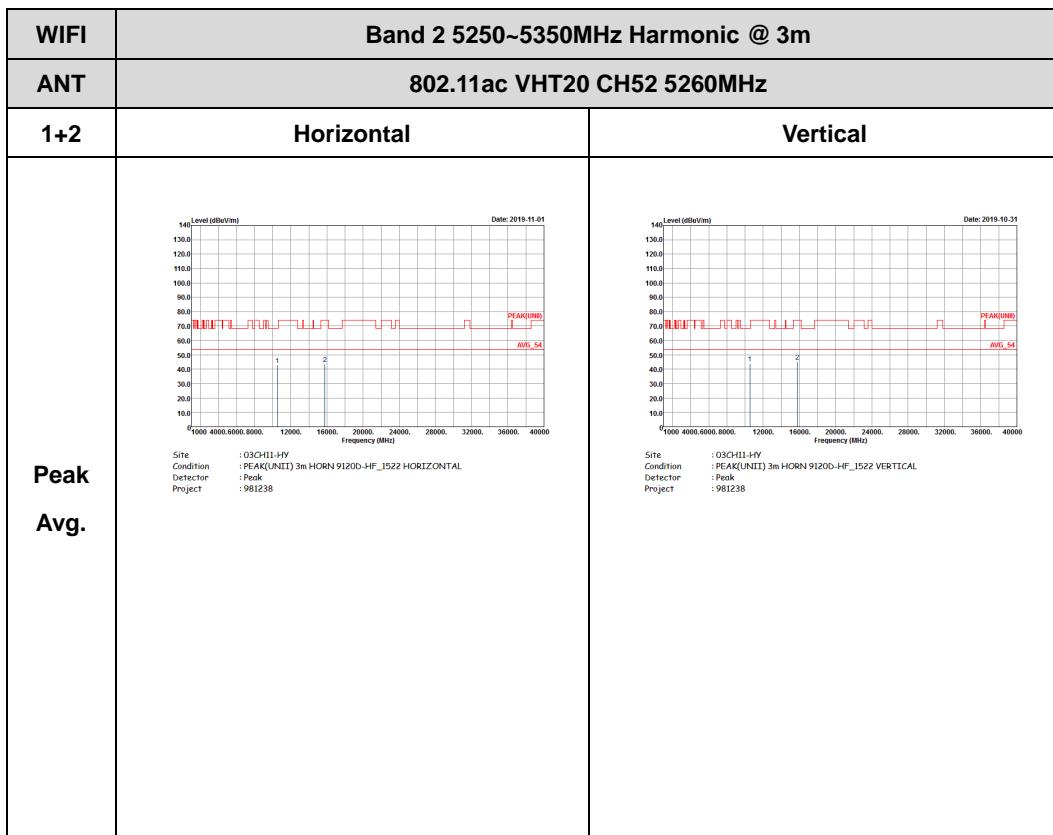


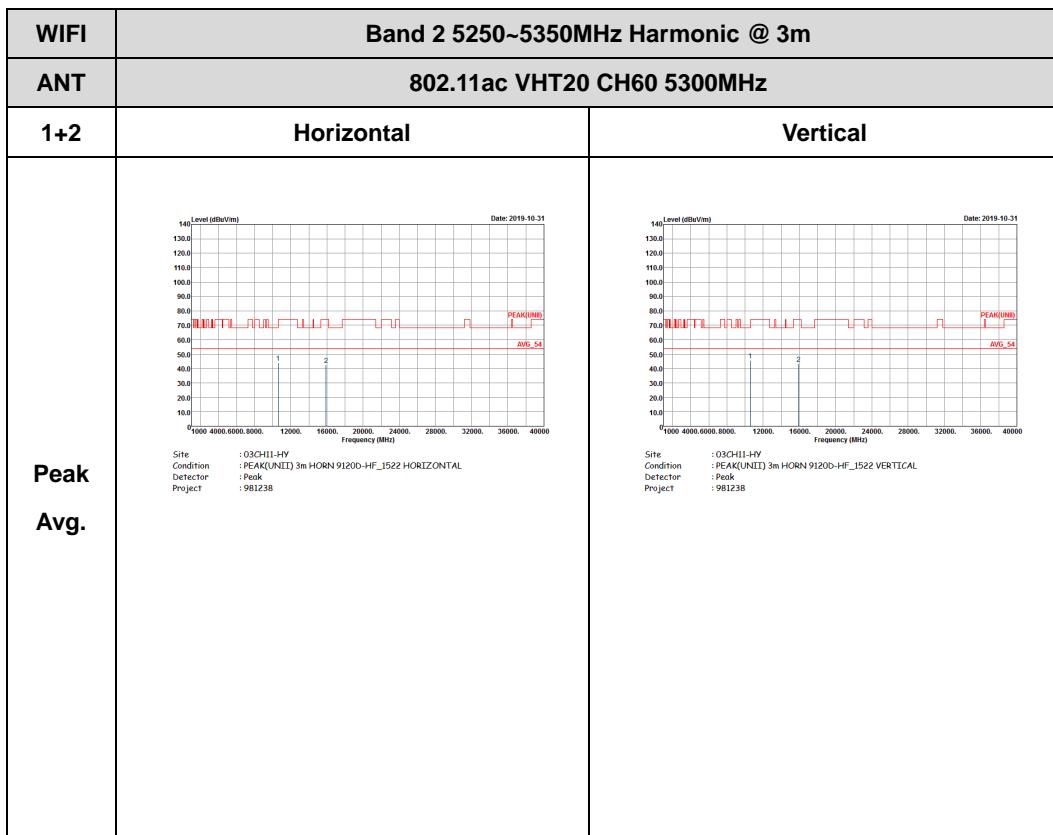
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m) Date: 2019-10-30 Frequency (MHz) Site : 03CH1-HY Condition : PCMK_BE_74 3m HORN 9120D-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank
Avg.	 <p>Level (dBmV/m) Date: 2019-10-30 Frequency (MHz) Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak : 981238</p>	Left blank

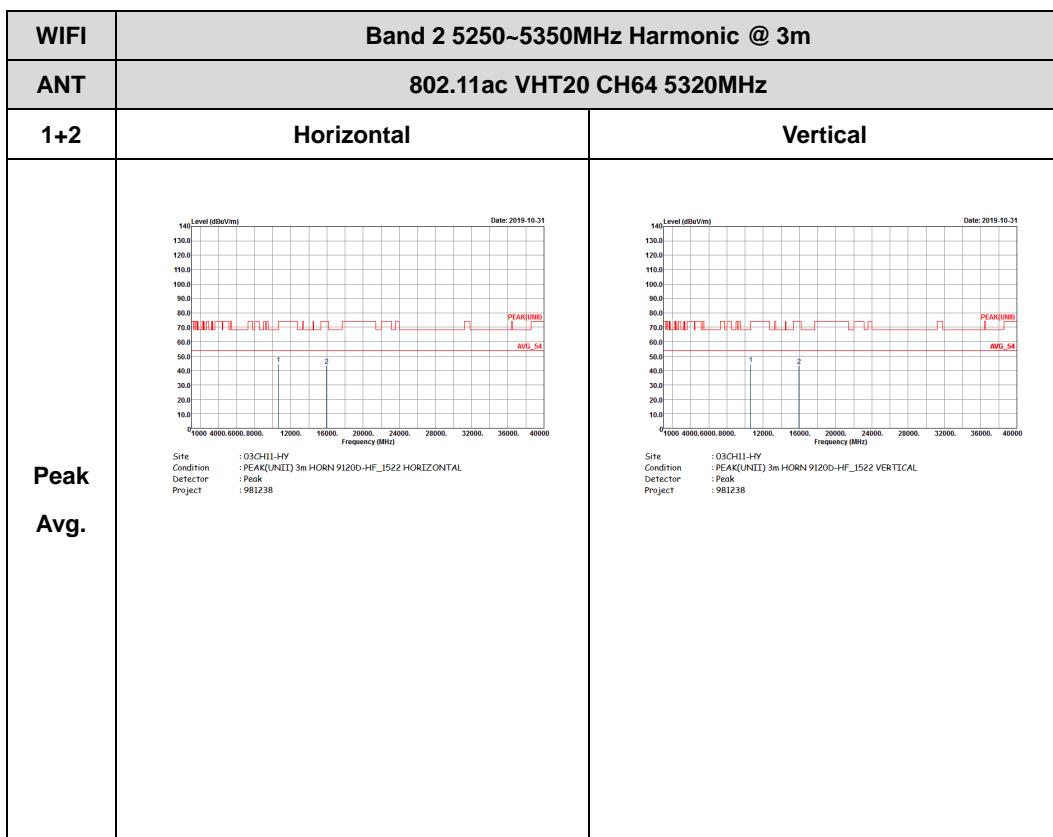


## Band 2 - 5250~5350MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

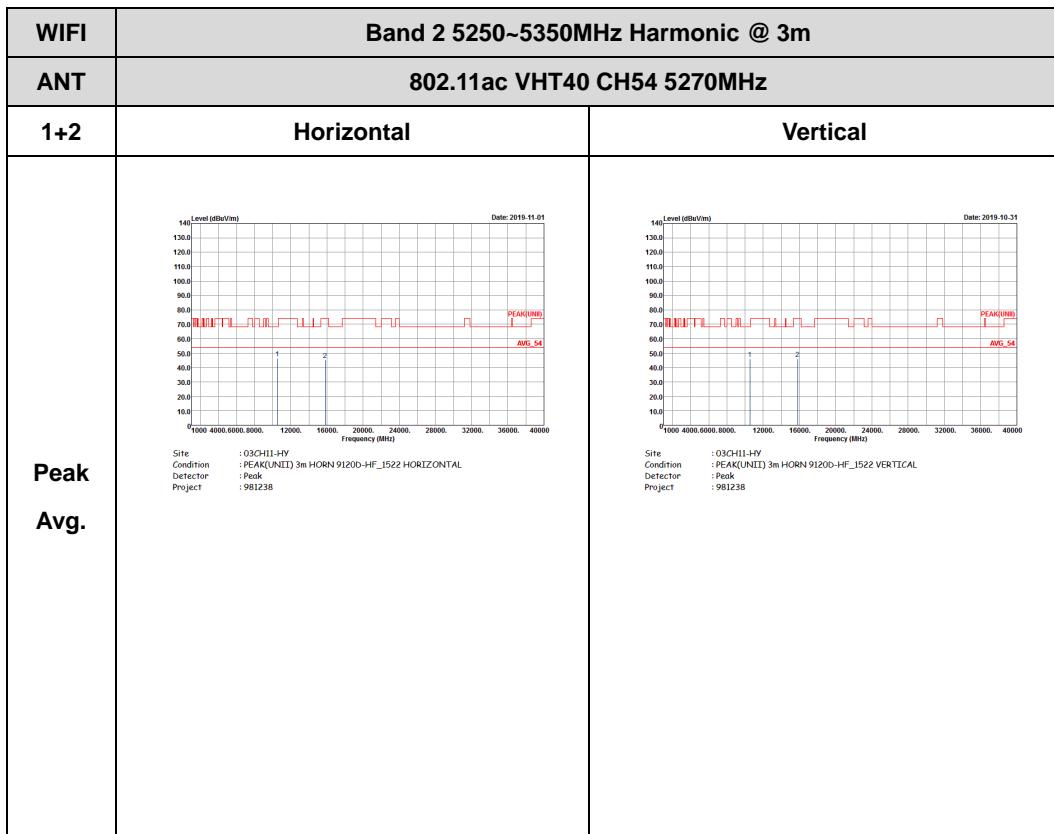


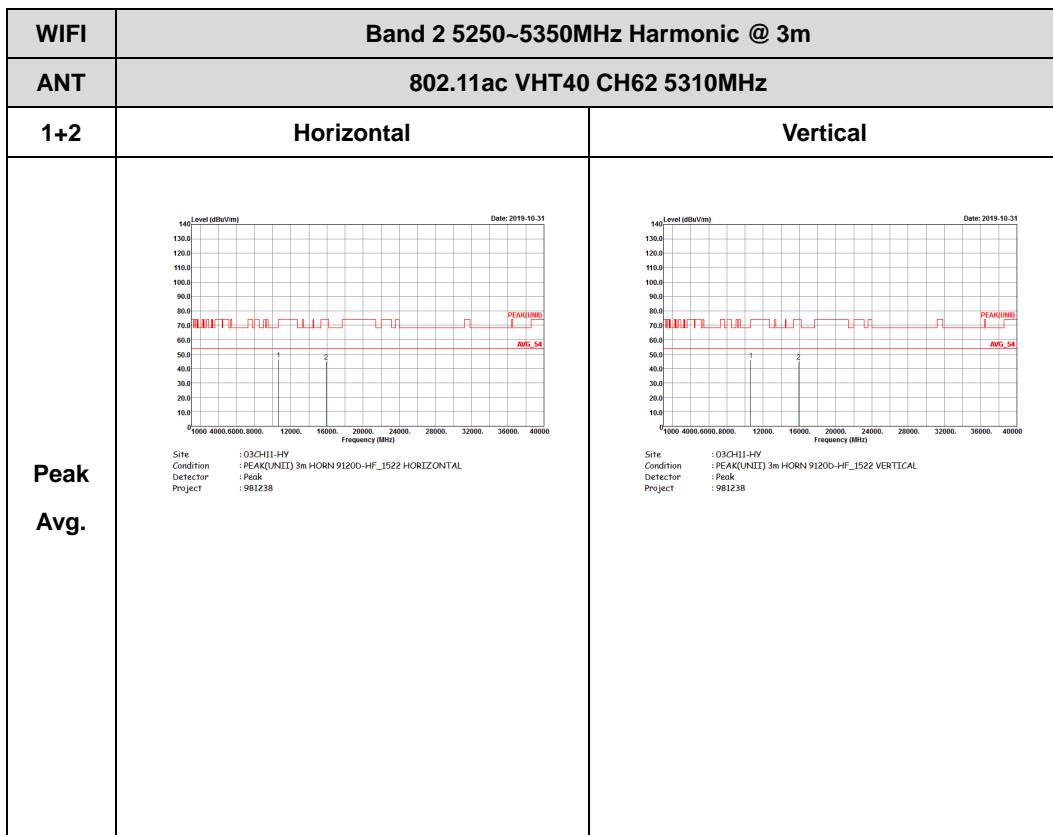






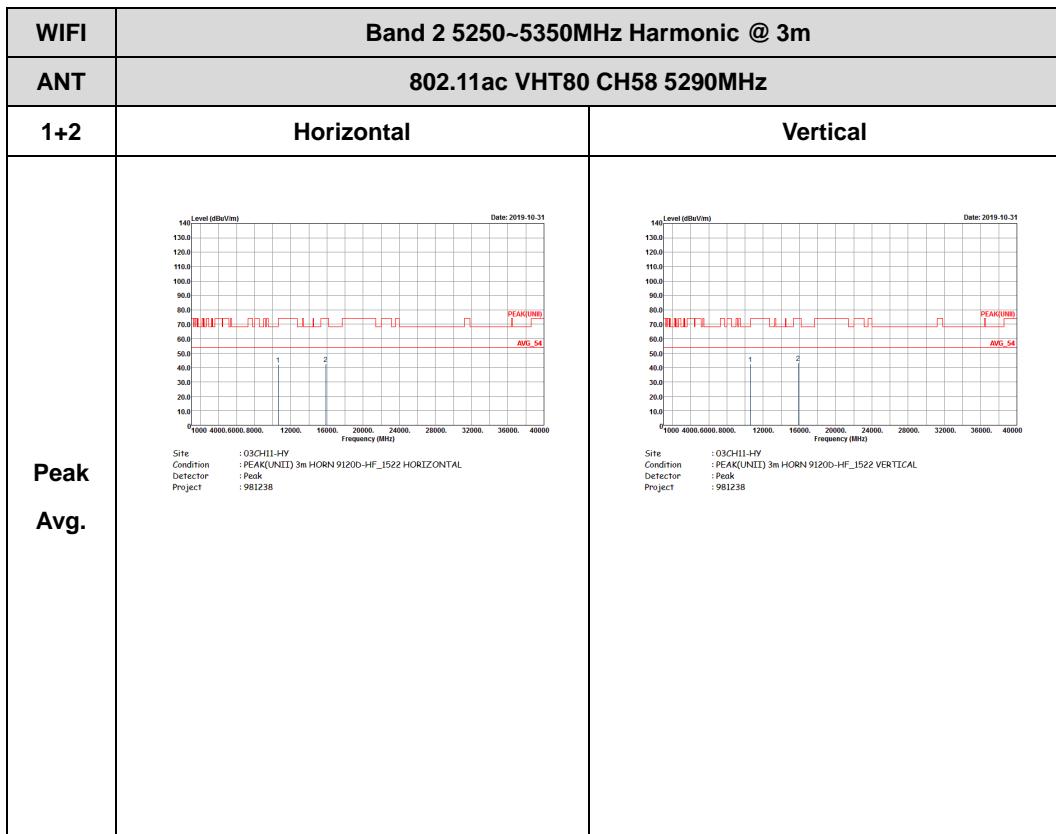
**Band 2 5250~5350MHz**  
**WIFI 802.11ac VHT40 (Harmonic @ 3m)**







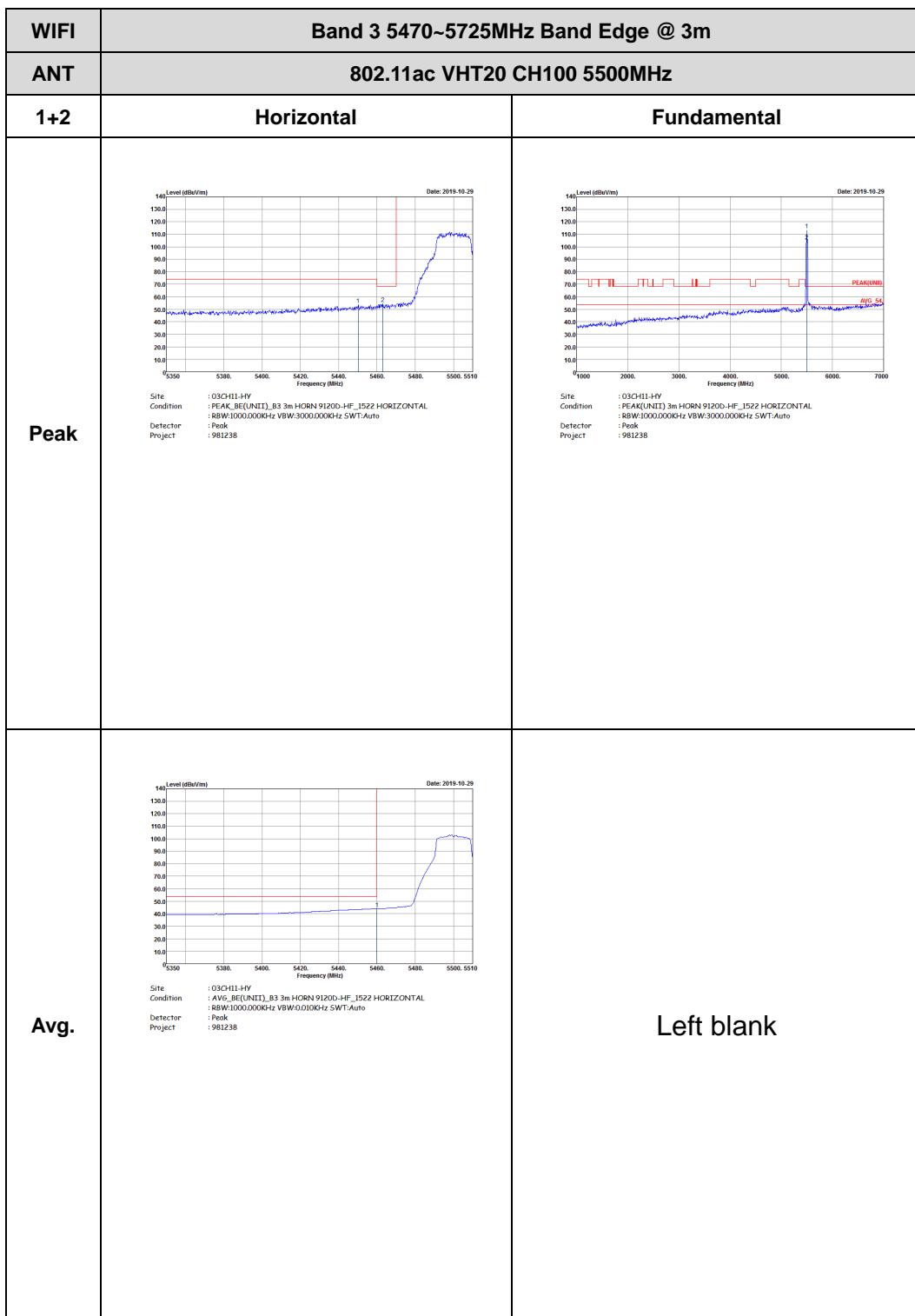
**Band 2 5250~5350MHz**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**



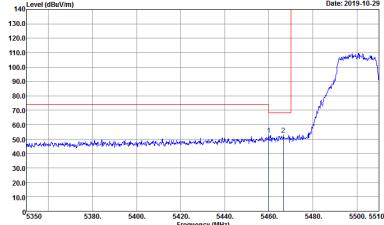
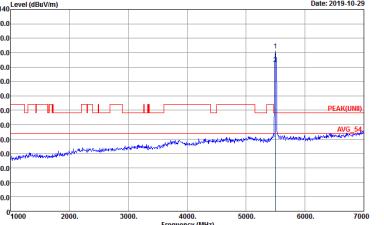
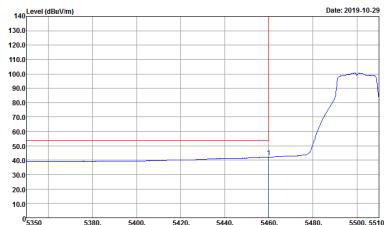


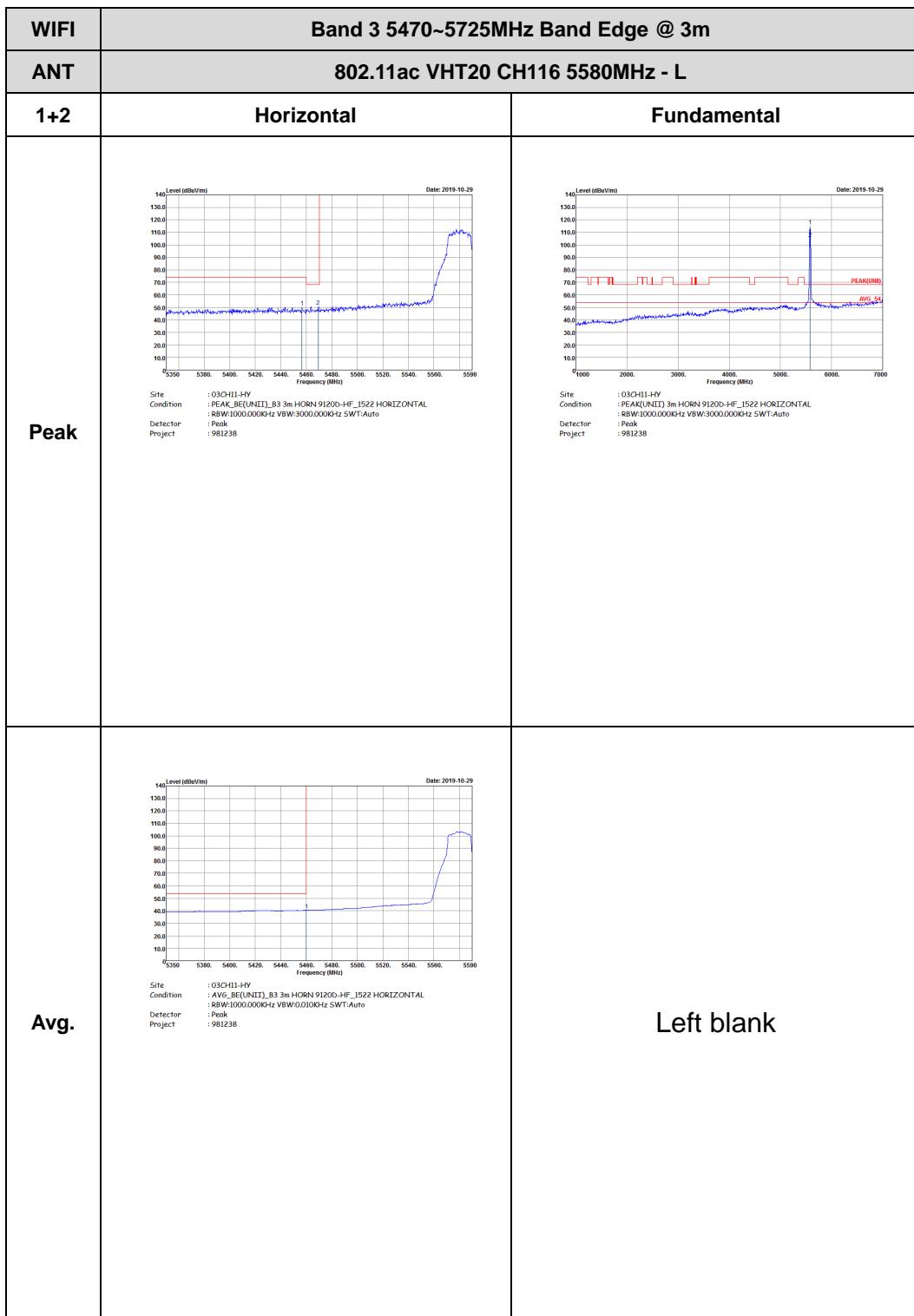
## Band 3 - 5470~5725MHz

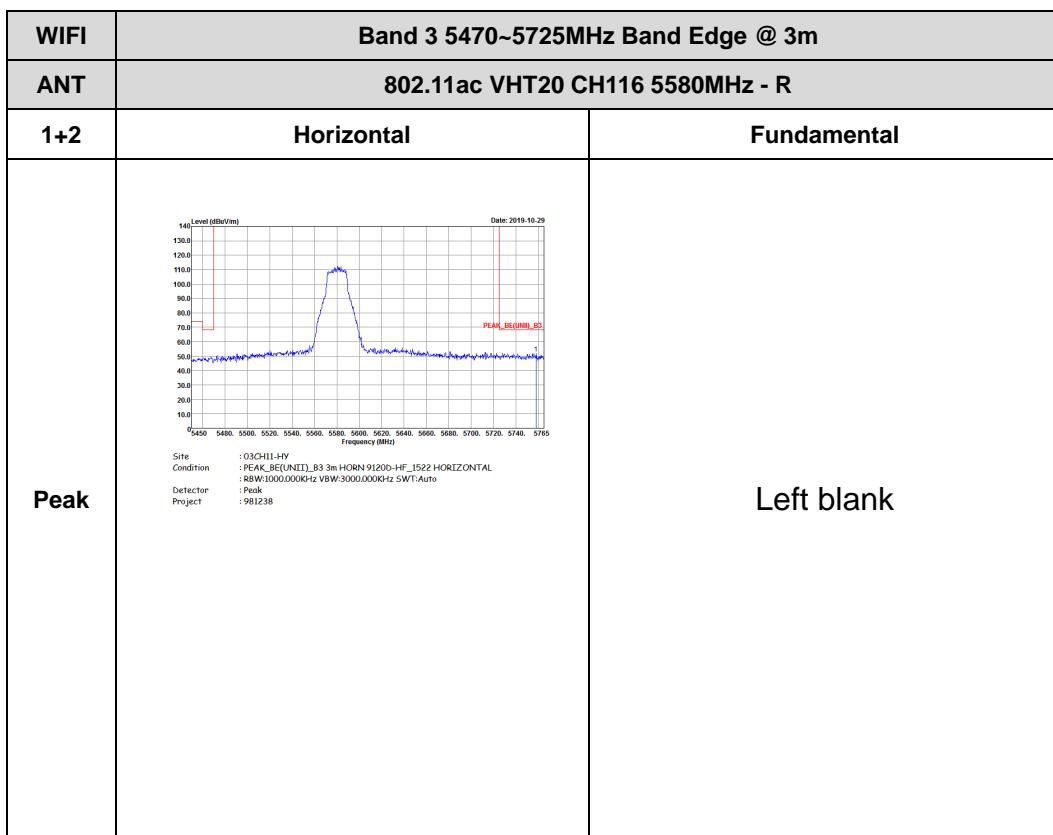
## WIFI 802.11ac VHT20 (Band Edge @ 3m)

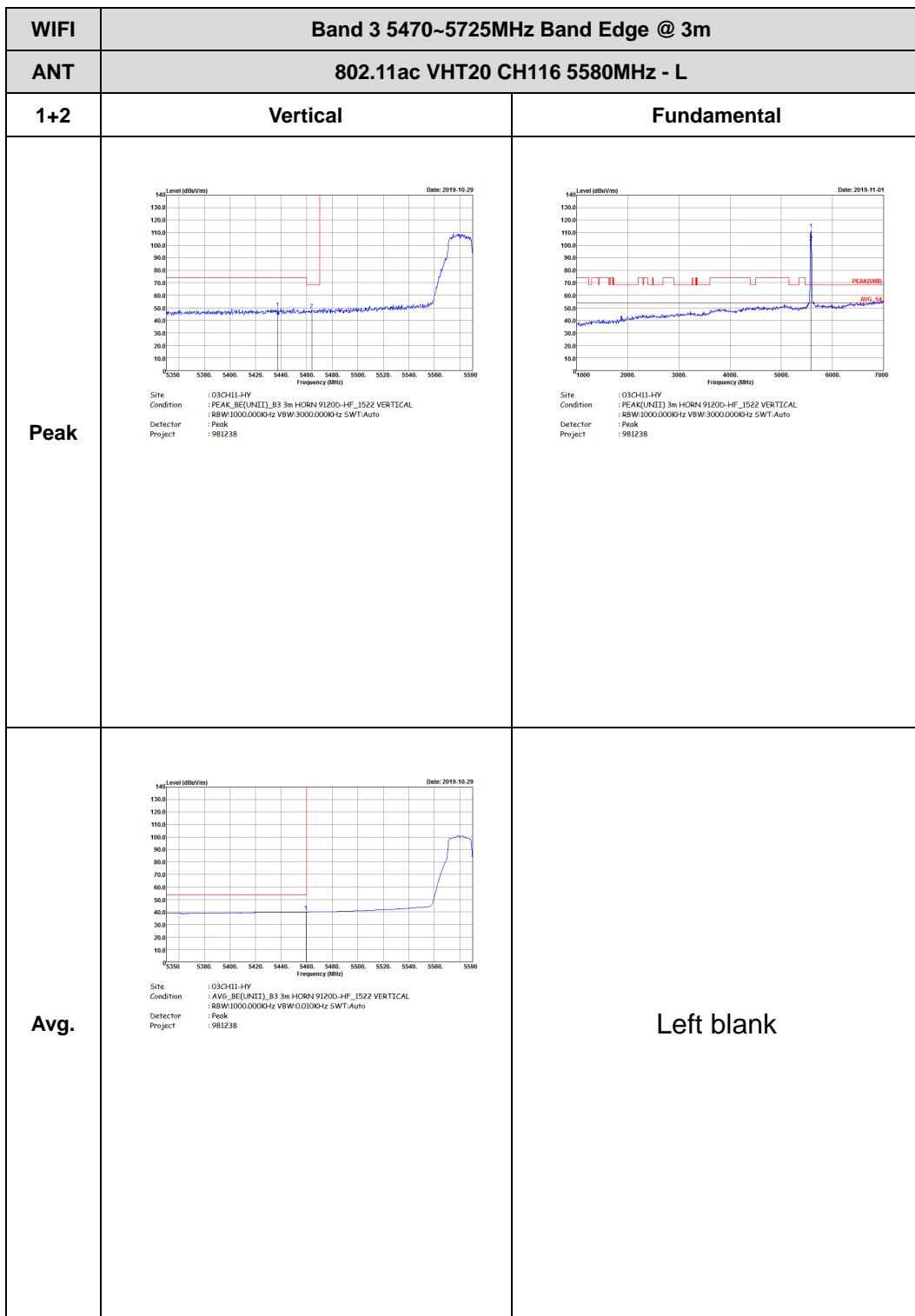




WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH100 5500MHz	
1+2	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PCAK-BE(UNIT), B3 3m HORN 91200-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238</p>	 <p>Site : 03CH11-HY Condition : PCAK-BE(UNIT) 3m HORN 91200-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE(UNIT), B3 3m HORN 91200-HF_I522 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 981238</p>	Left blank

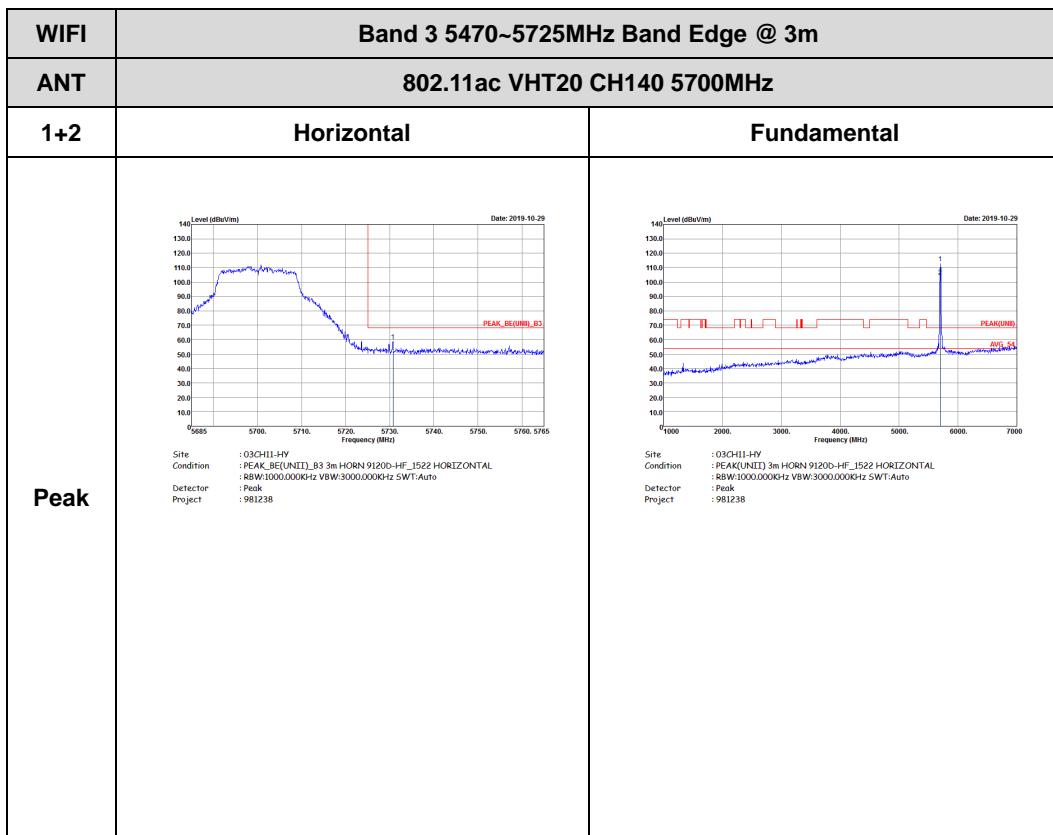


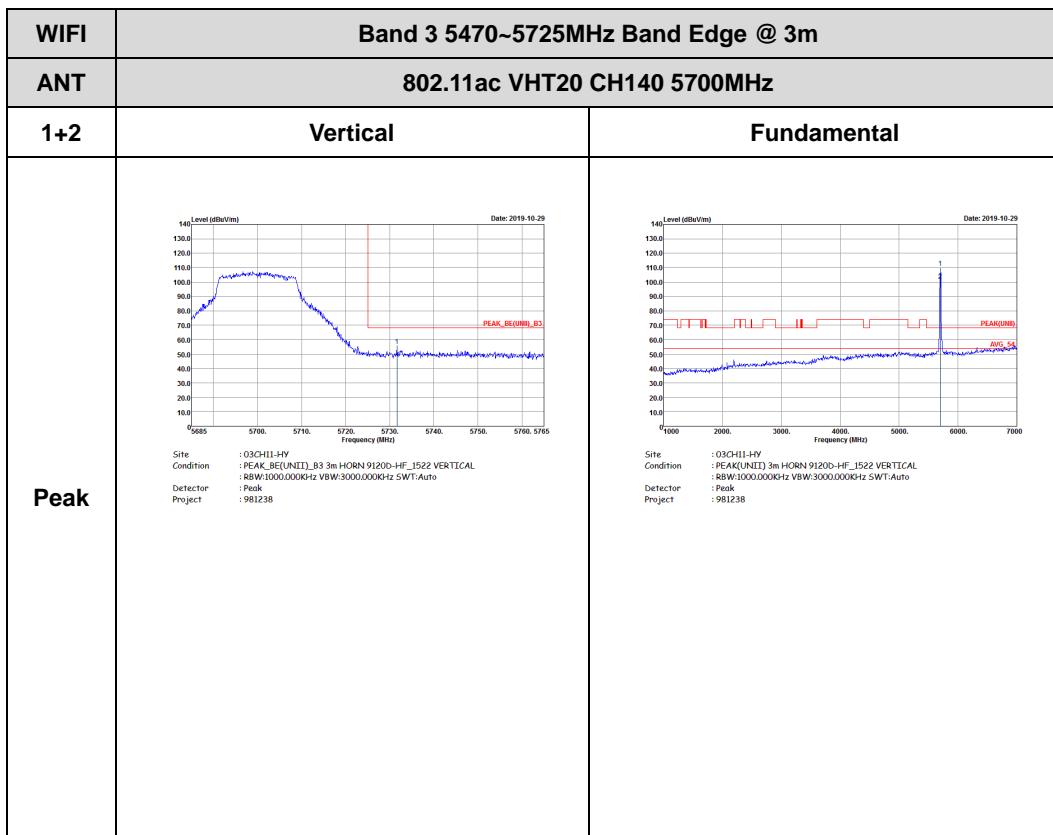






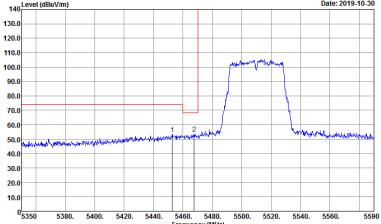
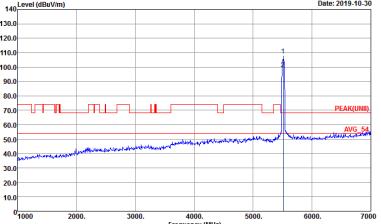
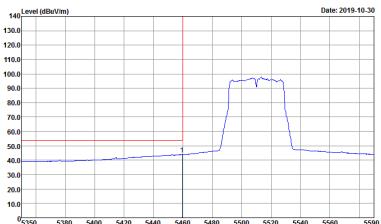
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBmV/m)</p> <p>Date: 2019-10-29</p> <p>Frequency (MHz)</p> <p>Site : 03CH1-HY Condition : FCC-BE(UNIT), B3 3m HORN 91200-HF,_L522 VERTICAL Detector : 188W/1000.000KHz VSW-3000.0000Hz SWT:Auto Project : Peak Project : 981238</p>	Left blank





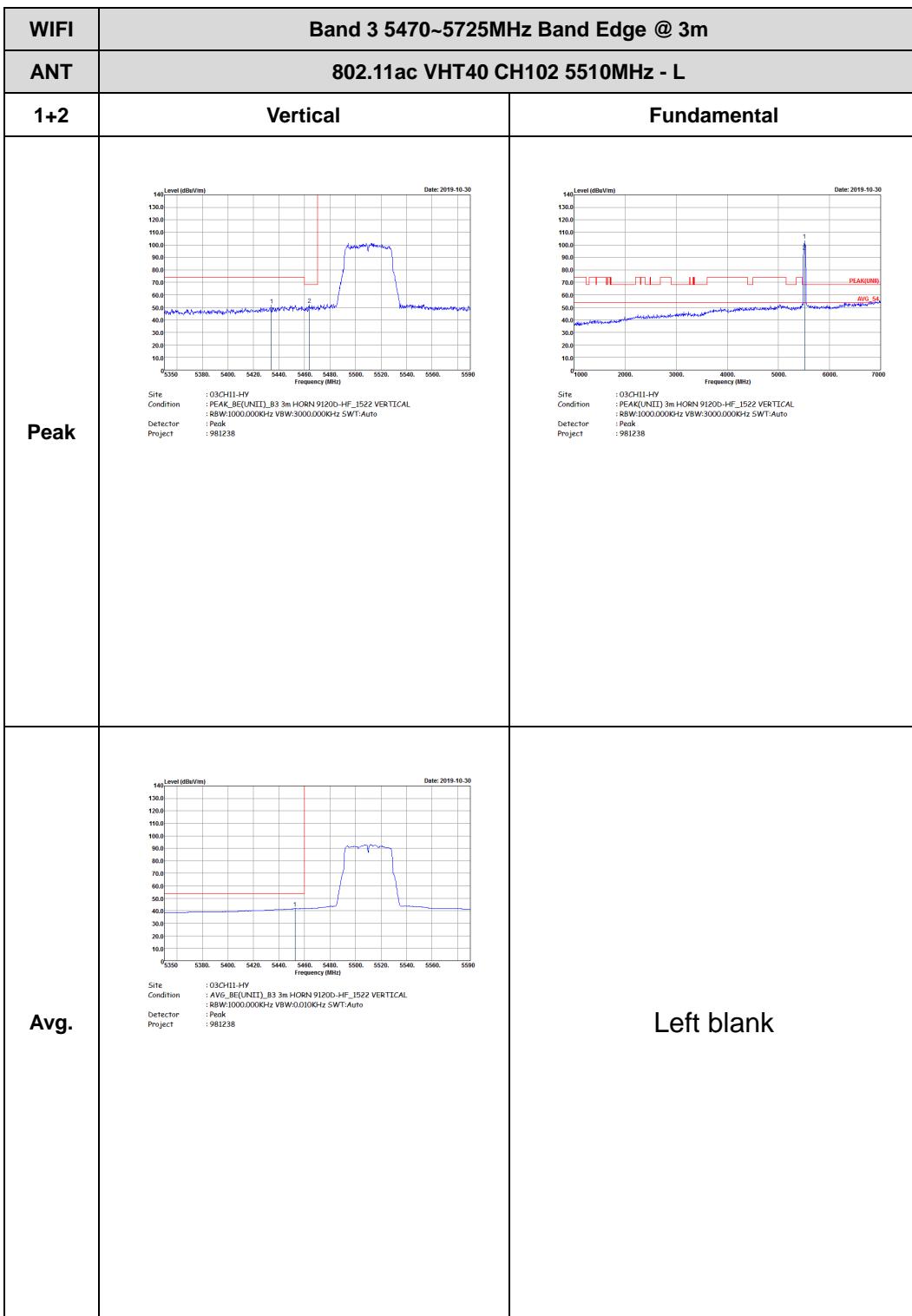


**Band 3 5470~5725MHz**  
**WIFI 802.11ac VHT40 (Band Edge @ 3m)**

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - L	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) Date: 2019-10-30</p> <p>Site: 03CH11-HY Condition: PEAK(BE(UNIT))_B3 3m HORN 91200-HF_I522 HORIZONTAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 981238</p>	 <p>Level (dBuV/m) vs Frequency (MHz) Date: 2019-10-30</p> <p>Site: 03CH11-HY Condition: PEAK(UNIT) 3m HORN 91200-HF_I522 HORIZONTAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 981238</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) Date: 2019-10-30</p> <p>Site: 03CH11-HY Condition: AVG_B(E(UNIT))_B3 3m HORN 91200-HF_I522 HORIZONTAL Detector: RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project: 981238</p>	Left blank

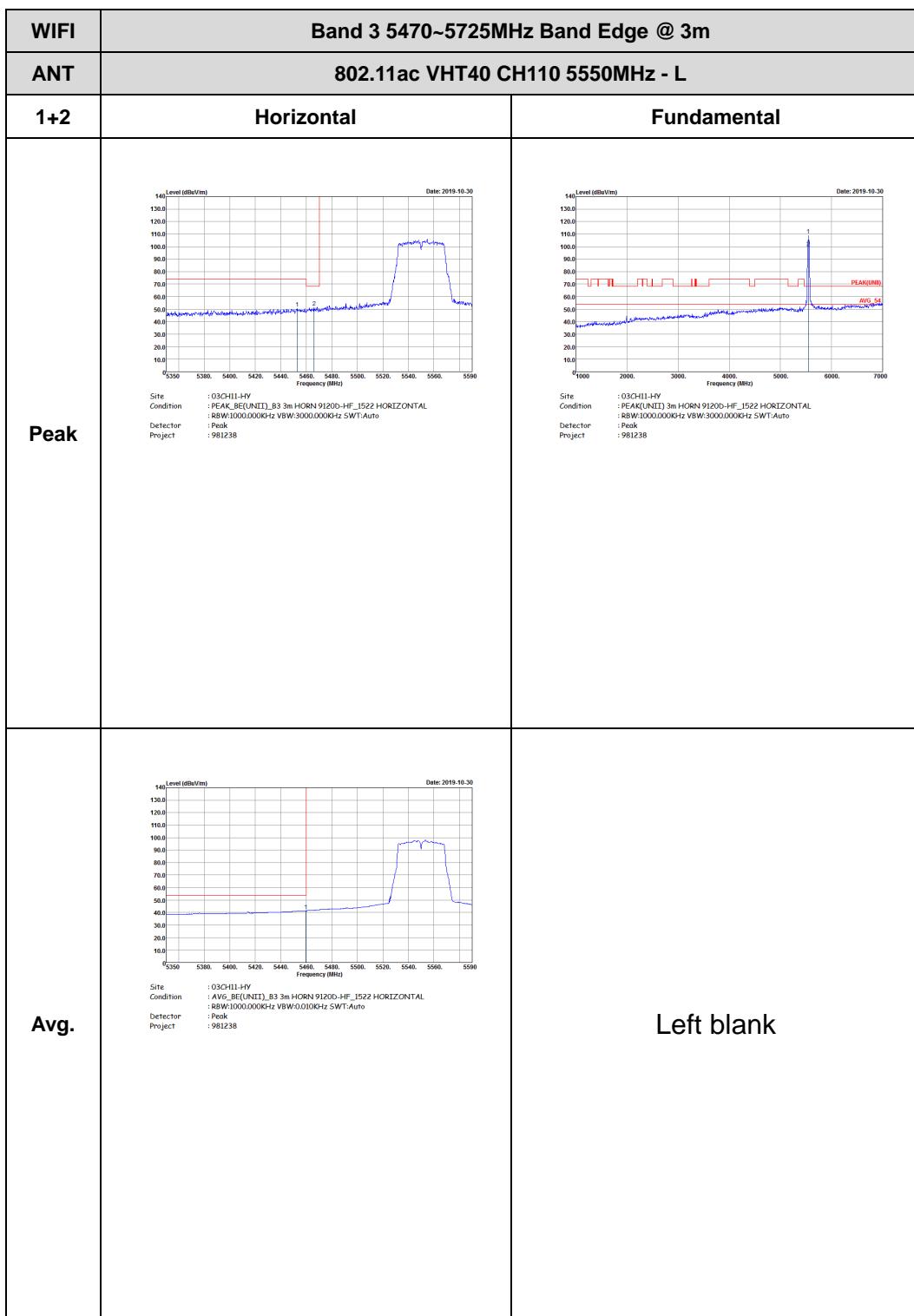


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : 03-H1-HY Condition : PCAC_BE(UNIT), B3 3m HORN 91200-HF,_L522 HORIZONTAL Detector : 188W1000.000KHz VBW:3000.000KHz SWF:Auto Project : Peak Project : 981238</p>	Left blank



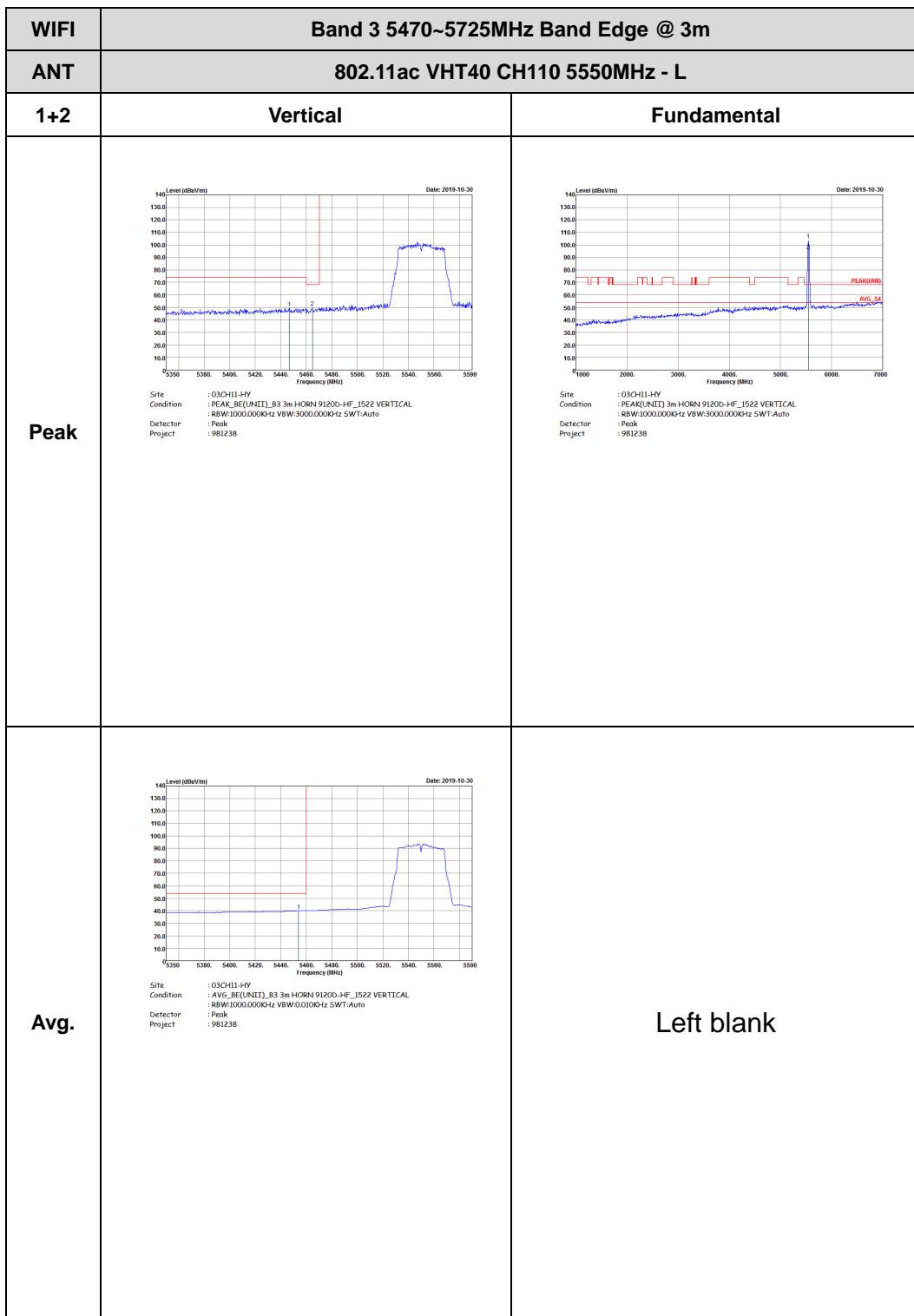


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : 03-H1-HY Condition : FCC-BE(UNIT), B3 3m HORN 91200-HF,_L522 VERTICAL Detector : R8W1000.000KHz VBW:3000.000KHz SWF:Auto Project : Peak Project : 981238</p>	Left blank



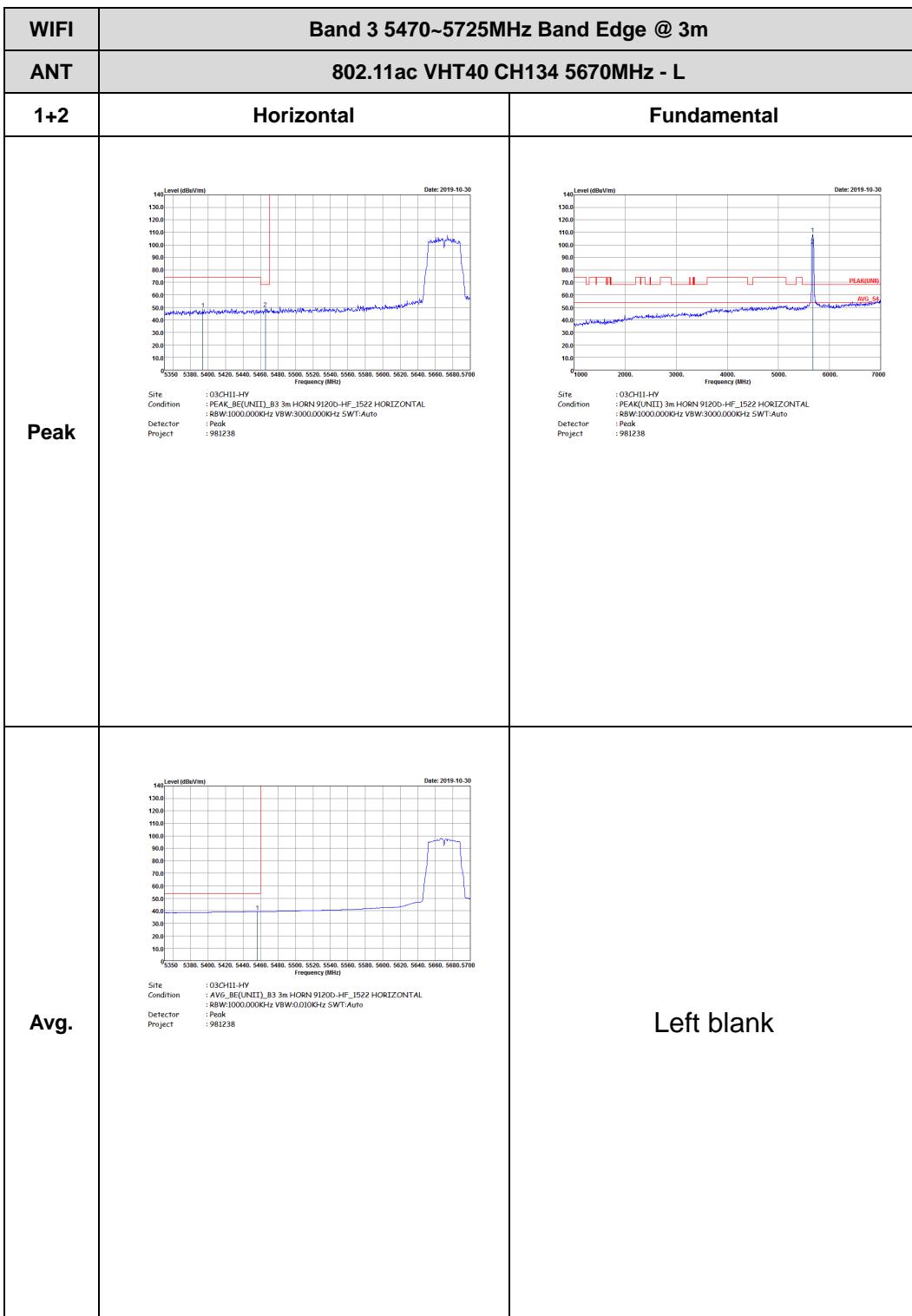


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBm/V/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : 03CH1-HY Condition : FCC-BE(UNIT), B3 3m HORN 91200-HF,_L522 HORIZONTAL Detector : L88W1000.000KHz VBW:3000.000KHz SWF:Auto Project : Peak Project : 981238</p>	Left blank



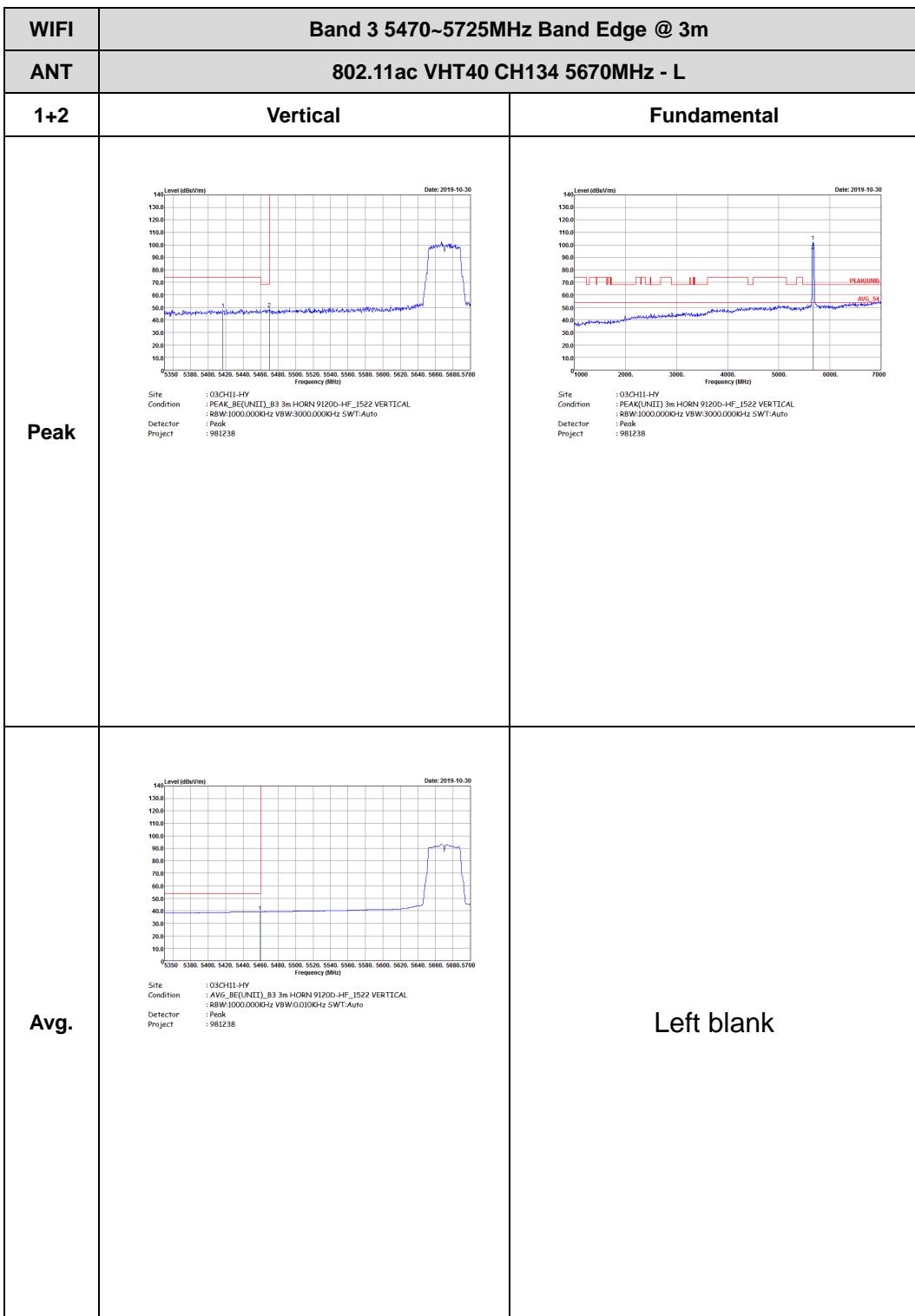


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : 03CH1-HY Condition : FCC-BE(UNIT), B3 3m HORN 91200-HF,_L522 VERTICAL Detector : 188W1000.000KHz VBW:3000.000KHz SWF:Auto Project : Peak Project : 981238</p>	Left blank





WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : 03-H1-HY Condition : PCMK_BE(UNIT), B3 3m HORN 91200-HF_I522 HORIZONTAL Detector : 188W1000.000KHz VSW-3000.0000Hz SWT:Auto Project : Peak Project ID : 981238</p>	Left blank



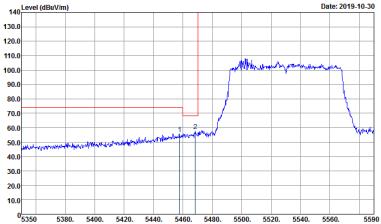
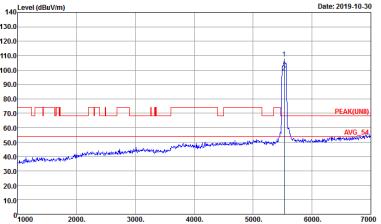


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - R	
1+2	Vertical	Fundamental
Peak	<p>A spectrum plot titled "Level (dBmV/m)" vs "Frequency (MHz)". The x-axis ranges from 5500 to 5750 MHz with major ticks every 20 MHz. The y-axis ranges from 10.0 to 140.0 dBmV/m with major ticks every 10.0 dBmV/m. A single sharp peak is visible at approximately 5670 MHz, reaching a level of about 100 dBmV/m. A red box highlights this peak with the label "PEAK_BE(0dB)_B3". Below the plot, there is a legend and some project details: Site : 03-H1-HY Condition : FCC-BE(UNIT), B3 3m HORN 91200-HF,_I522 VERTICAL Detector : R8W1000.000KHz VBW:3000.000KHz SWF:Auto Project : Peak Project : 981238</p>	Left blank



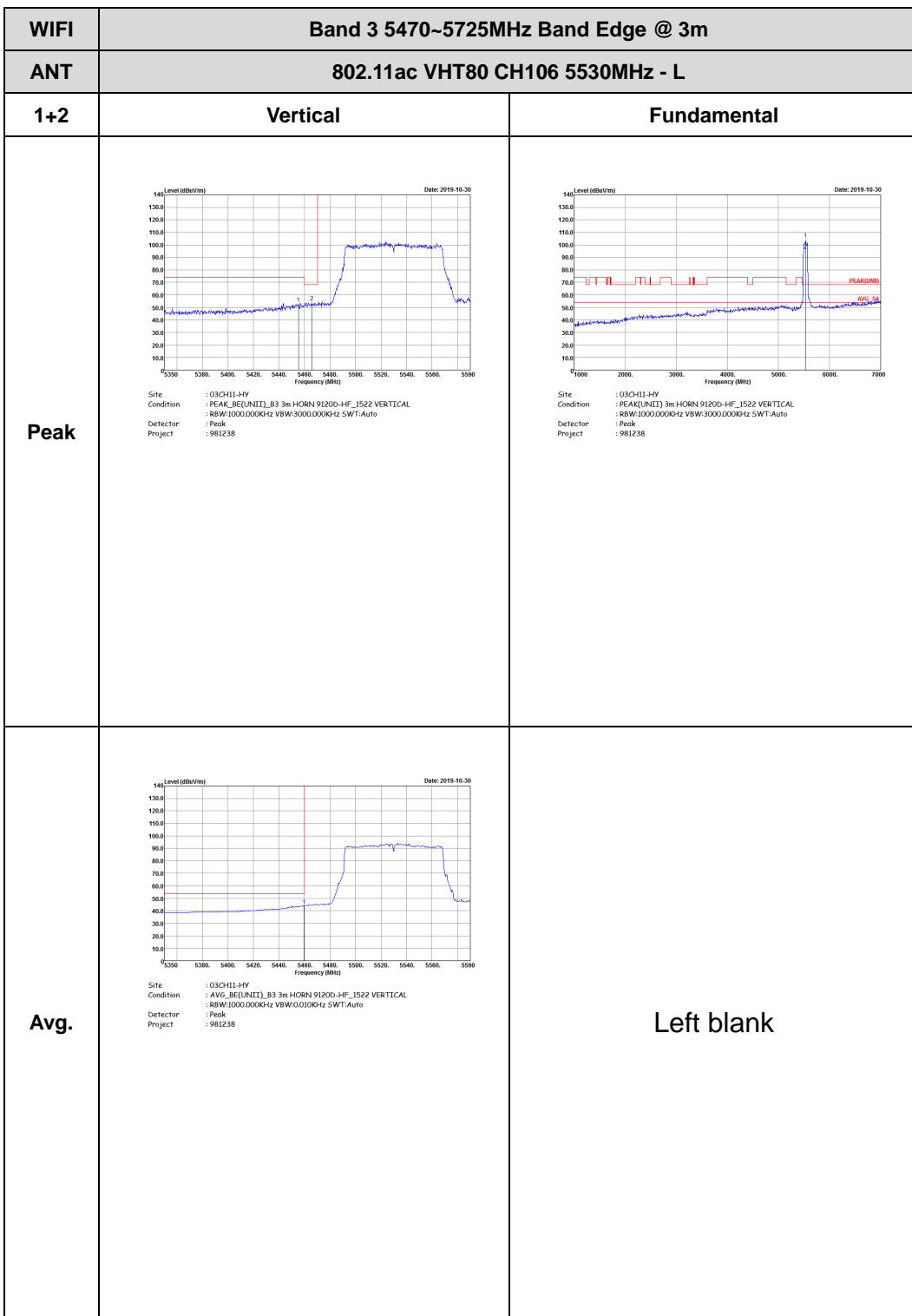
## Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK(BE(UNIT),_B3 3m HORN 9120D-HF,_1522 HORIZONTAL Detector : Peak Project : 981238</p>	 <p>Site : 03CH11-HY Condition : PEAK(BE(UNIT) 3m HORN 9120D-HF,_1522 HORIZONTAL Detector : Peak Project : 981238</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE(UNIT),_B3 3m HORN 9120D-HF,_1522 HORIZONTAL Detector : Peak Project : 981238</p>	Left blank

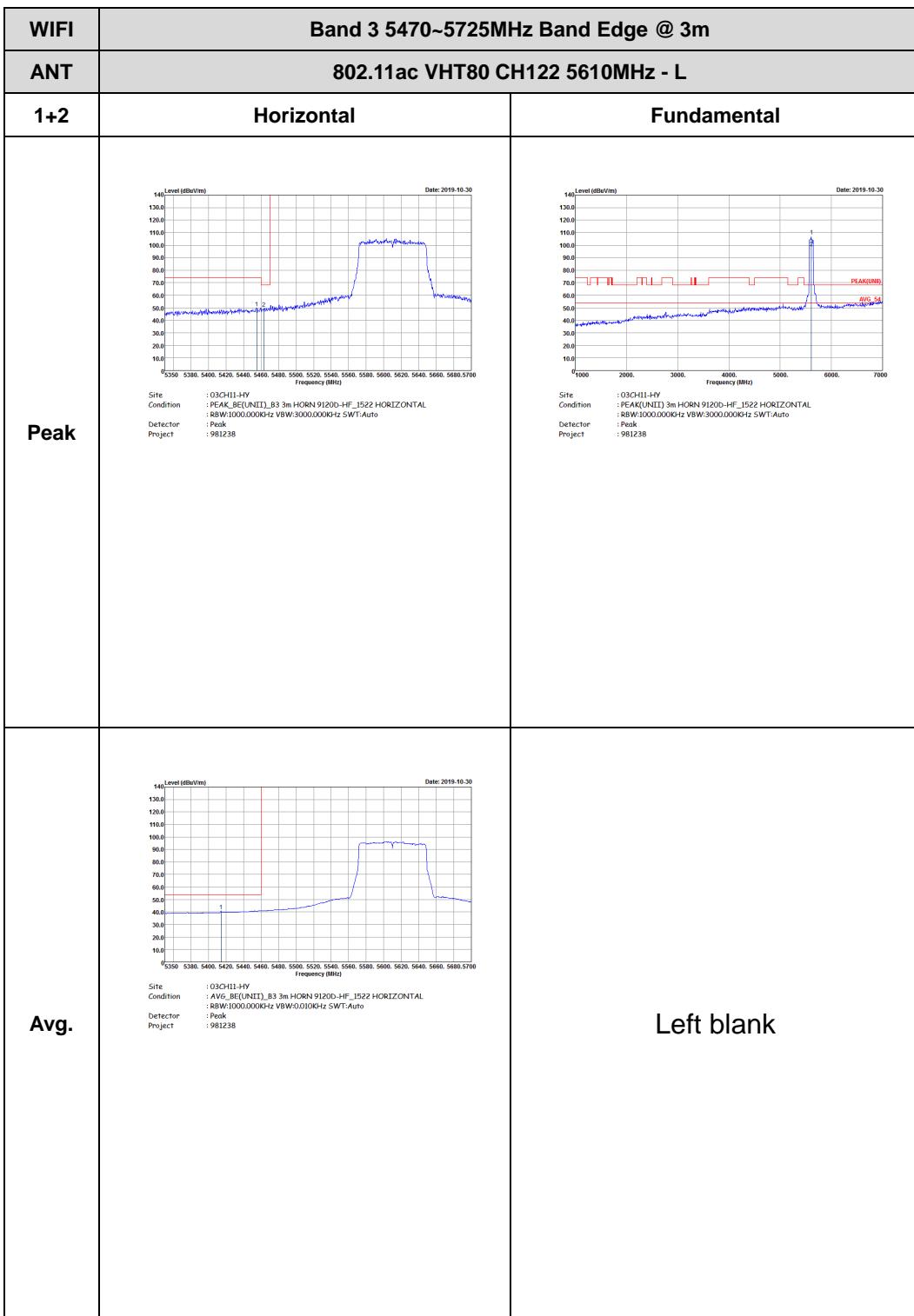


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Site : 091H1-HY Condition : PCAC_BE(UNIT), B3 3m HORN 91200-HF,_L522 HORIZONTAL Detector : L88W1000.0000KHz VBW:3000.0000Hz SWF:Auto Project : Peak Project : 981238</p>	Left blank



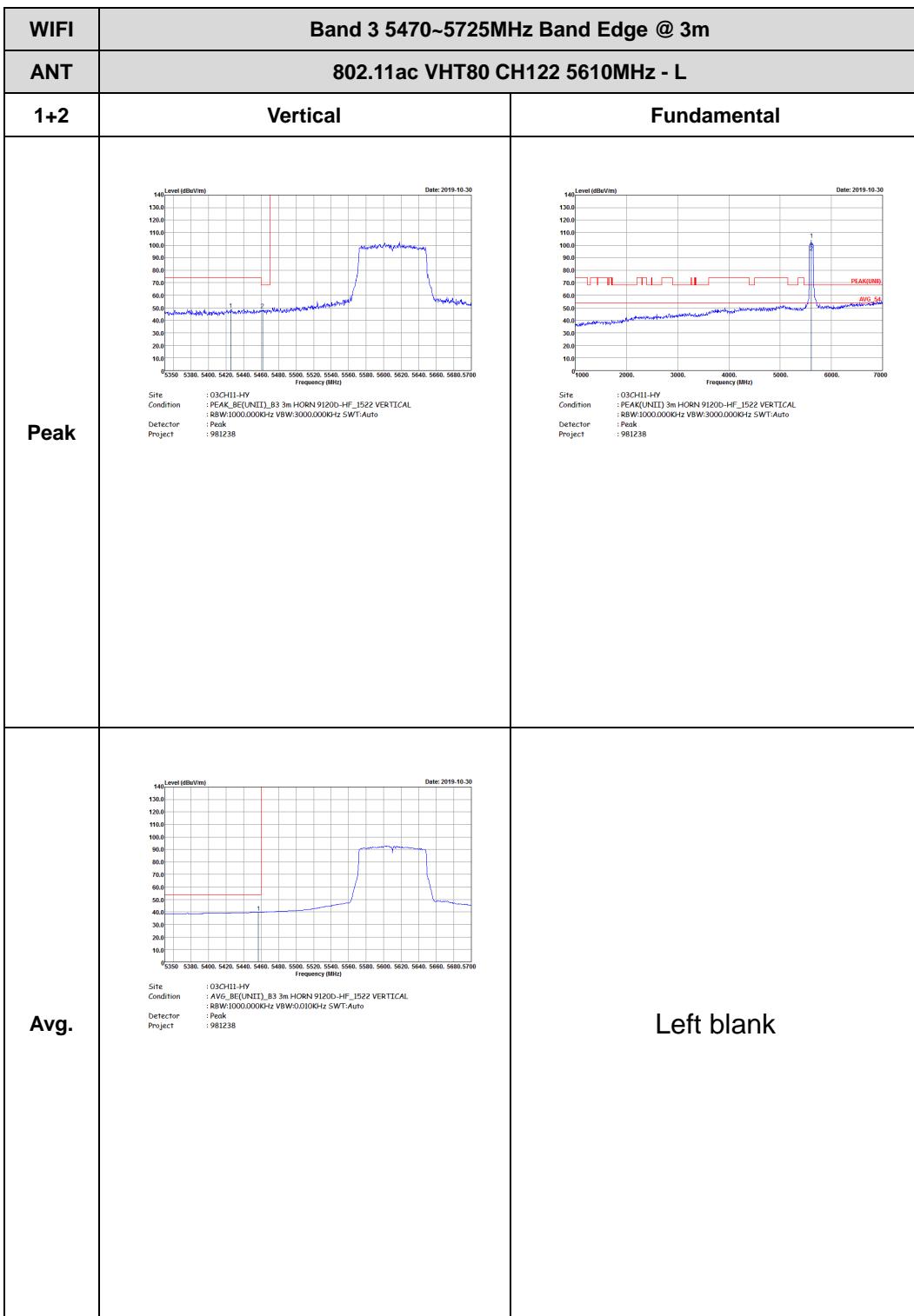


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site: 034H1-HY Condition: PCAC_BE(UNIT), B3 3m HORN 91200-HF,_L522 VERTICAL Detector: 188W1000.000KHz VBW:3000.0000Hz SWF:Auto Project: Peak Project ID: 981238</p>	Left blank





WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBm/V/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>PEAK_BE(0dB)_B3</p> <p>Site : 03-H1-HY Condition : PCAK-BE(UNIT), B3 3m HORN 91200-HF_I522 HORIZONTAL Detector : Peak Project : 981238</p>	Left blank



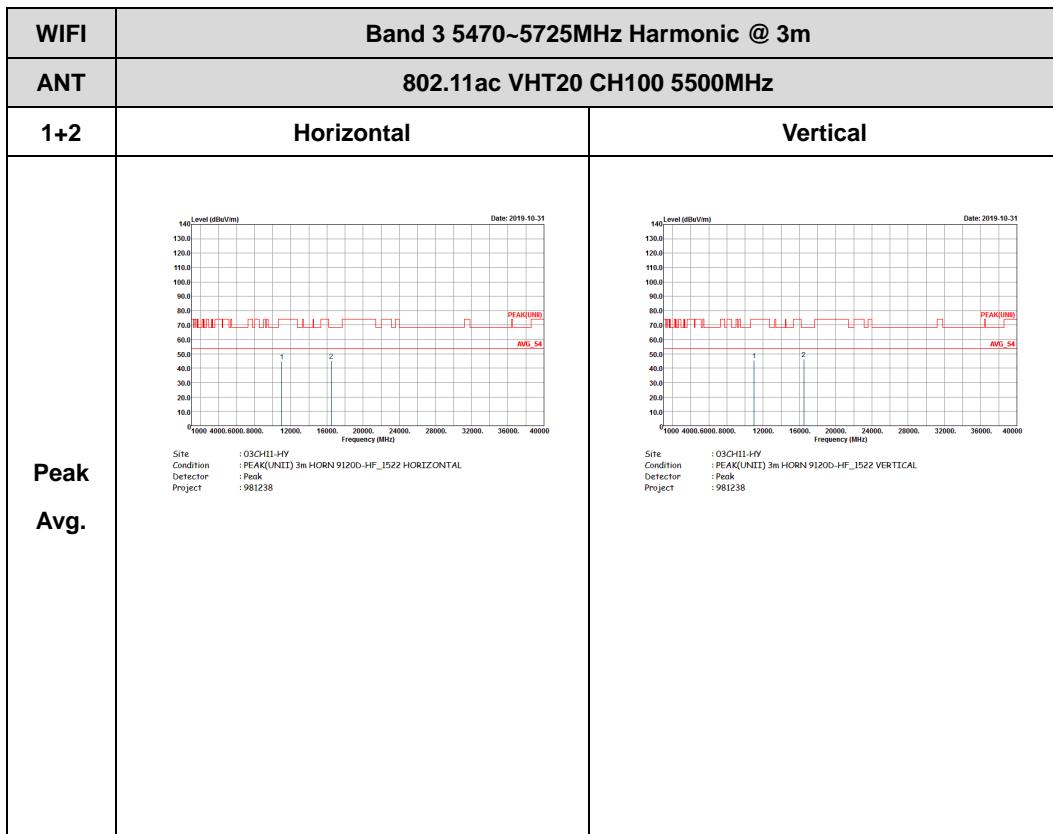


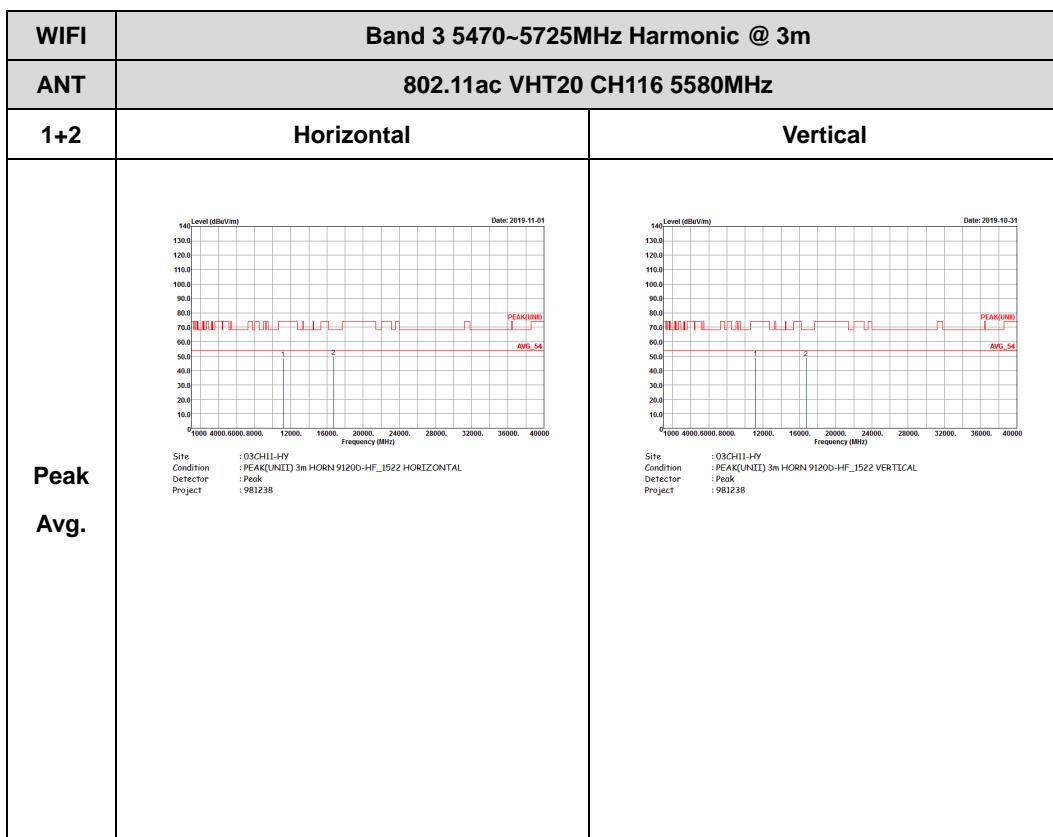
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBm/V/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>PEAK_BE(0dB)_B3</p> <p>Site : 03-H1-HY Condition : PCMK_BE(UNIT), B3 3m HORN 91200-HF_I522 VERTICAL Detector : Peak Project : 981238</p>	Left blank

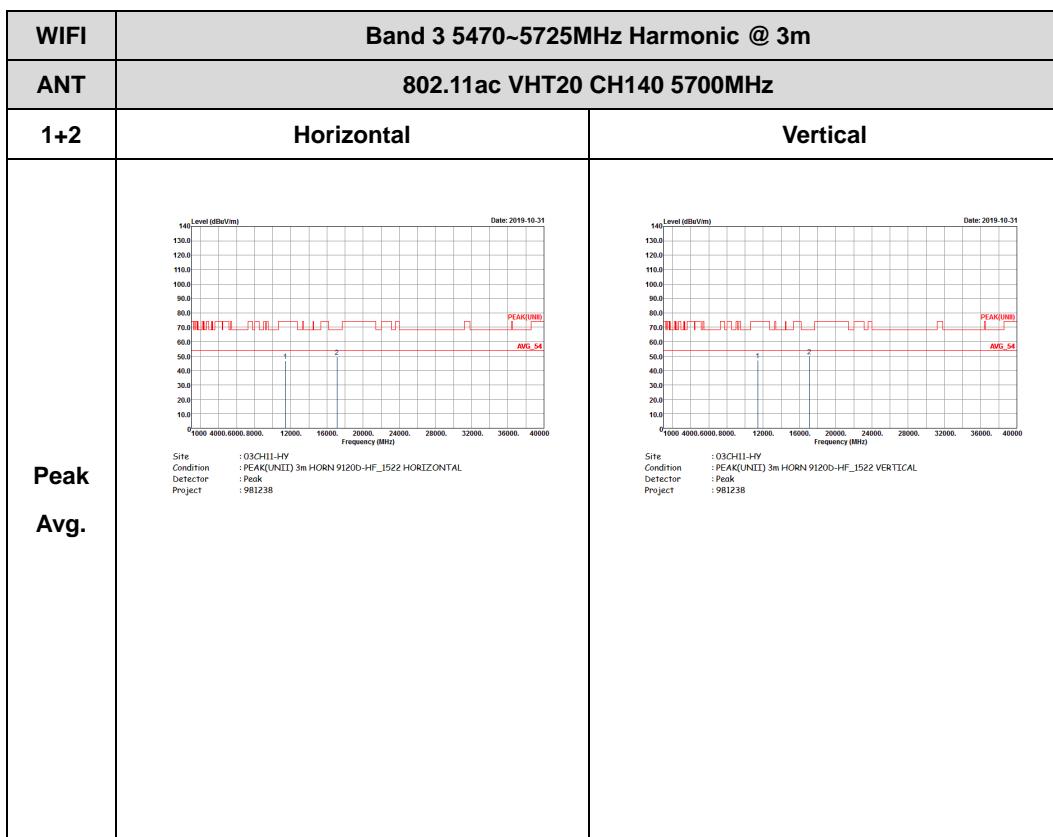


## Band 3 - 5470~5725MHz

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

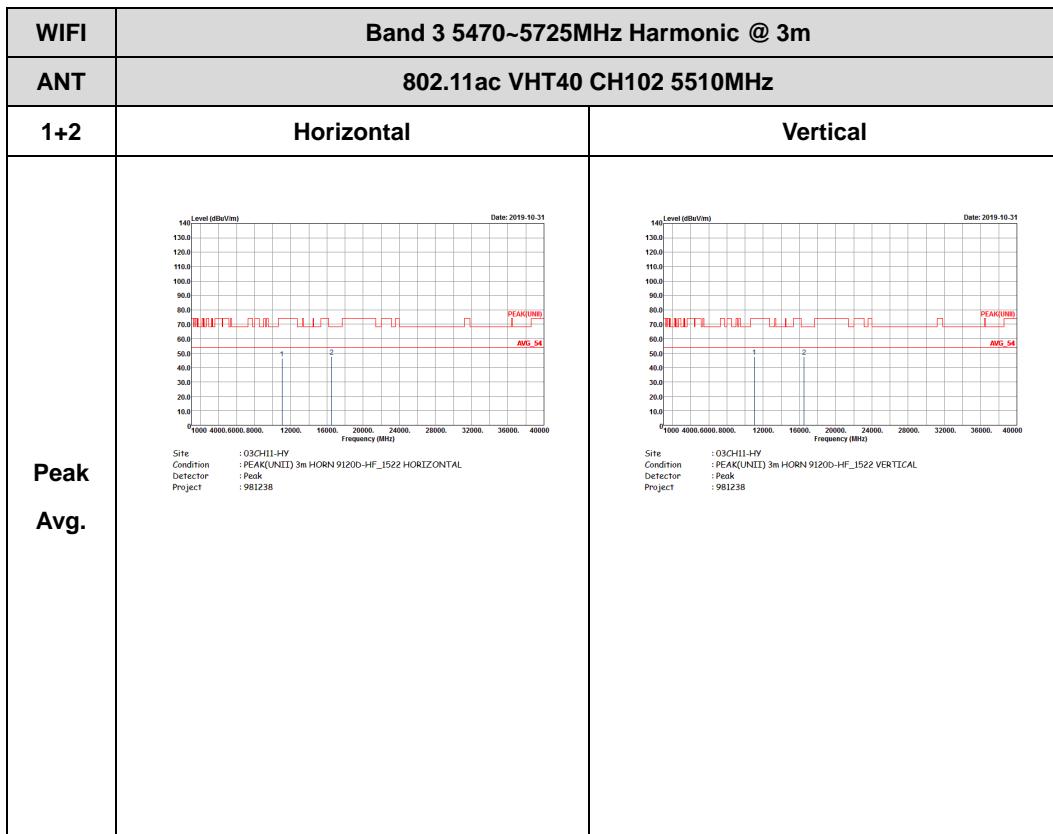


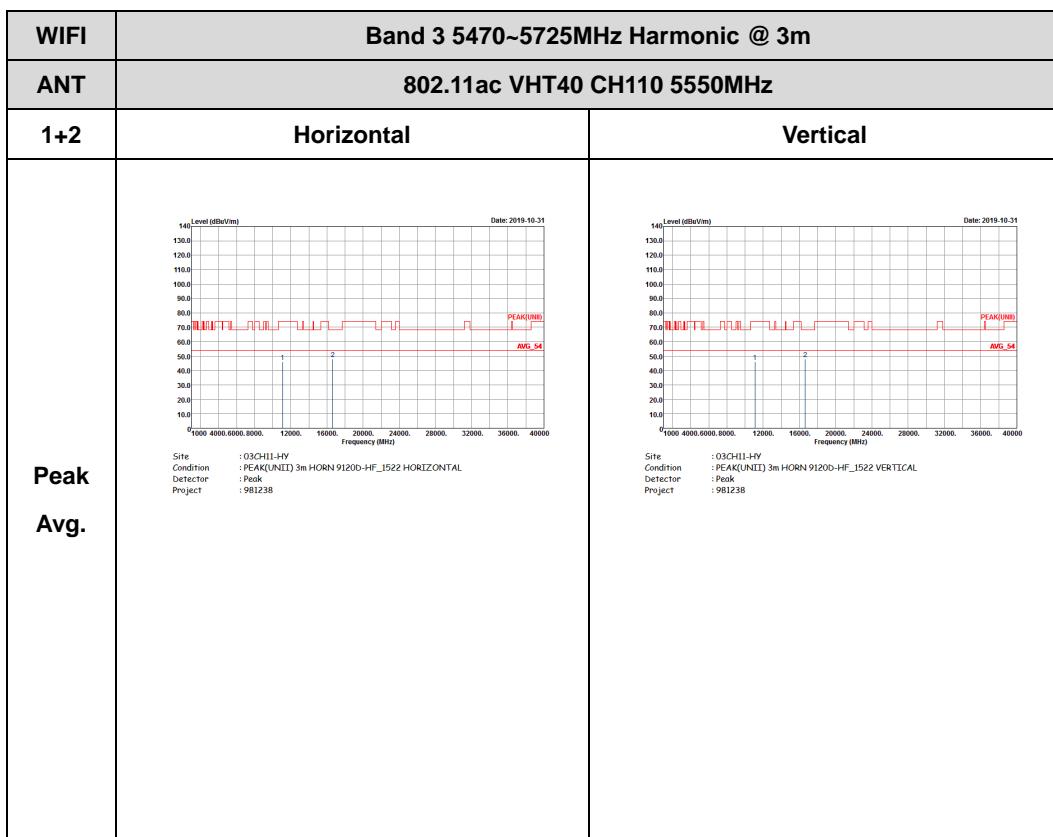


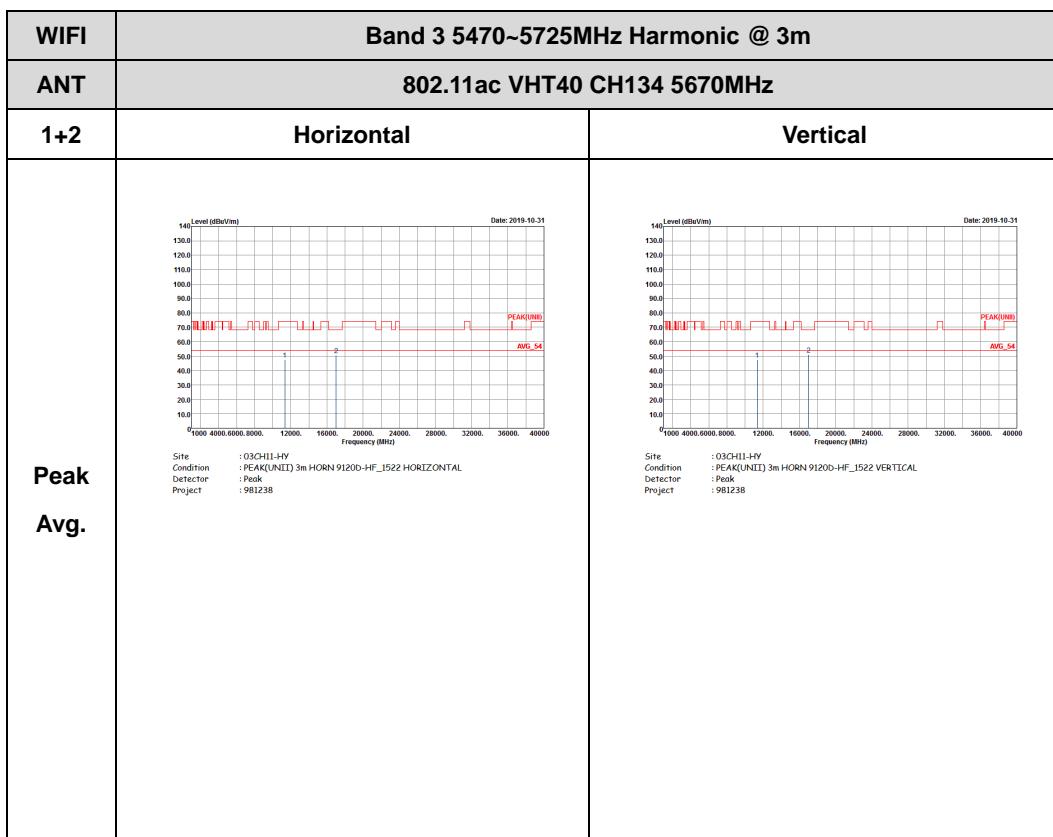




**Band 3 5470~5725MHz**  
**WIFI 802.11ac VHT40 (Harmonic @ 3m)**

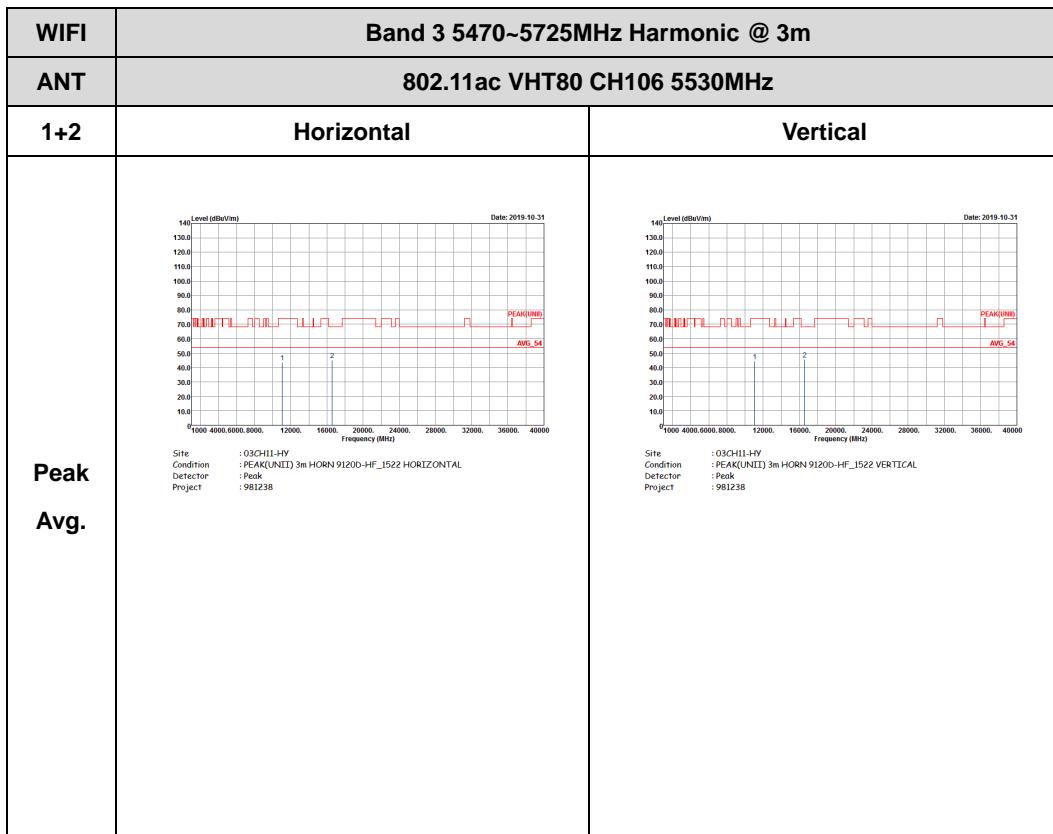


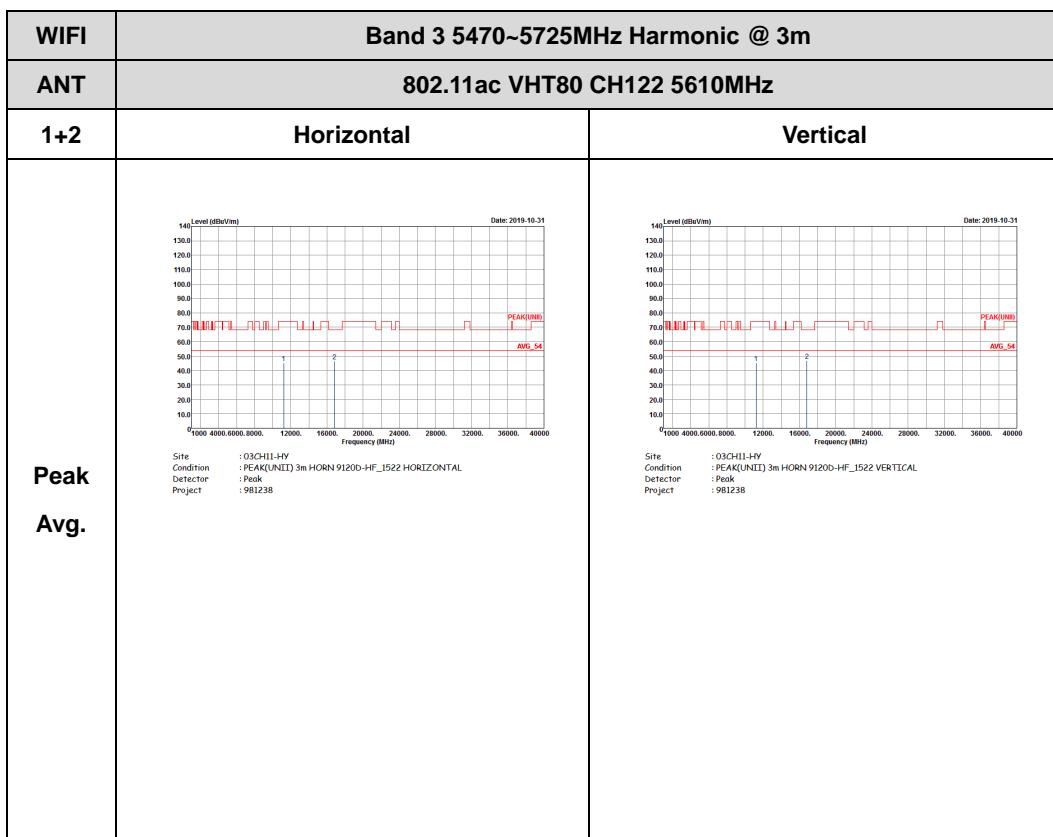






**Band 3 5470~5725MHz**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**





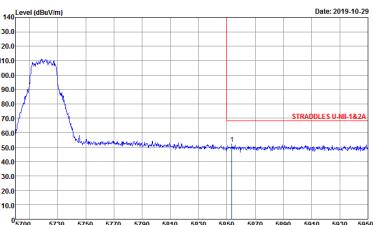


## Band 3 - Straddle Channel

## WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : 3M RADIODES U-NII-1&2A 3m HORN 9120D-HF_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238	 Site : 03CH11-HY Condition : 3M RADIODES U-NII-1&2A 3m HORN 9120D-HF_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238
Avg.	 Site : 03CH11-HY Condition : 3M RADIODES U-NII-1&2A AVERAGE 3m HORN 9120D-HF_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 981238	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBuV/m)</p> <p>Date: 2019-10-29</p> <p>5700 5730 5750 5770 5790 5810 5830 5850 5870 5890 5910 5930 5950 Frequency (MHz)</p> <p>Sites : 03CH11.HY Condition : STRADDLES U-NIT-1A2A 3m HORN 91200-HF_1522 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWF:Auto Project : Peak : 981238</p>	Left blank
Avg.	Left blank	Left blank



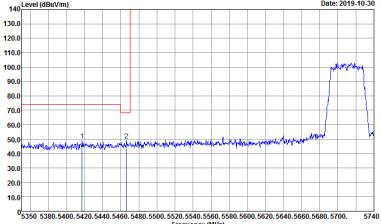
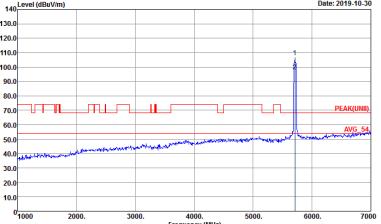
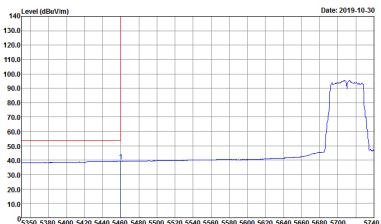
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH1-HY Condition : STBx100LES U-NIT1-1&2/A 3m HORN 91200-HF_IS22 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238	 Site : 03CH1-HY Condition : PCAN(U-NIT1) 3m HORN 91200-HF_IS22 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238
Avg.	 Site : 03CH1-HY Condition : U-NIT1-A2/A AVERAGE 3m HORN 91200-HF_IS22 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 981238	Left blank



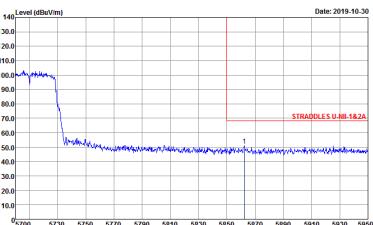
<b>WIFI</b>	<b>Band 3 Straddle Channel Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11ac VHT20 CH144 5720MHz - R</b>	
<b>1+2</b>	<b>Vertical</b>	<b>Fundamental</b>
<b>Peak</b>	<p>Level (dBmV/m)</p> <p>Date: 2019-10-29</p> <p>Frequency (MHz)</p> <p>Sites : 03CH11_HY Condition : STRADDLES U-NIT-1A2A 3m HORN 91200-HF_1522 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWF:Auto Project : Peak : 981238</p>	Left blank
<b>Avg.</b>	Left blank	Left blank



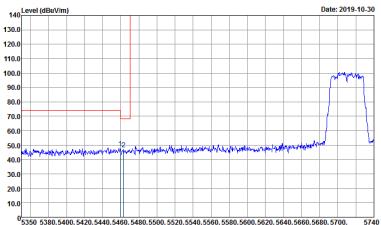
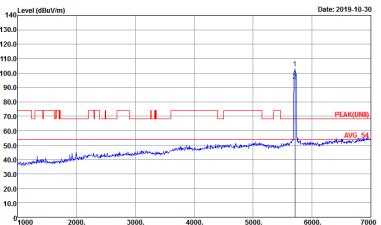
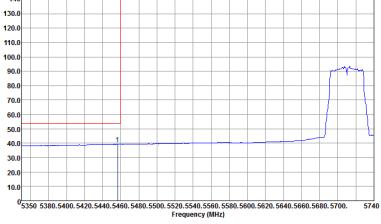
**Band 3 – Straddle Channel**  
**WIFI 802.11ac VHT40 (Band Edge @ 3m)**

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - L	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) Date: 2019-10-30 5350 5380 5400 5420 5440 5460 5480 5500 5520 5540 5560 5580 5600 5620 5640 5660 5680 5700 Site : 03CH11-HY Condition : STRADDLES U-NII-1&amp;2 3m HORN 91200-HF_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238</p>	 <p>Level (dBuV/m) vs Frequency (MHz) Date: 2019-10-30 1000 2000 3000 4000 5000 6000 7000 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) Date: 2019-10-30 5350 5380 5400 5420 5440 5460 5480 5500 5520 5540 5560 5580 5600 5620 5640 5660 5680 5700 Site : 03CH11-HY Condition : U-NII-1&amp;2 AVERAGE 3m HORN 91200-HF_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 981238</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Site: :03CH11.HY Condition: :STRADDLES U-NIT-1A2A 3m HORN 9120-HF_1522 HORIZONTAL Detector: :R8W:1000.000KHz VBW:3000.000KHz SW:Auto Project: :Peak :981238</p>	Left blank
Avg.	Left blank	Left blank



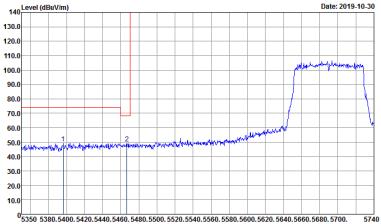
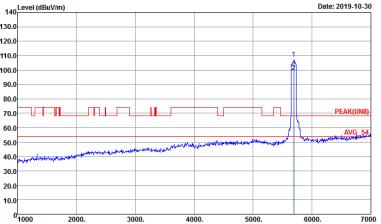
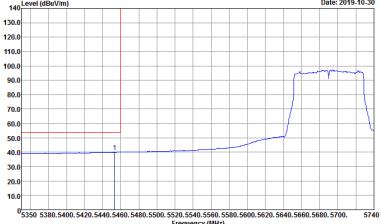
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : STRADDLES U-NIT-1&2A 3m HORN 9120-HF_1522 VERTICAL Detector : R8W:1000.000kHz VBW:3000.000Hz SWT:Auto Project : 981238	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120-HF_1522 VERTICAL Detector : R8W:1000.000kHz VBW:3000.000Hz SWT:Auto Project : 981238
Avg.	 Site : 03CH11-HY Condition : U-ANT-1&2 AVERAGE 3m HORN 9120-HF_1522 VERTICAL Detector : R8W:1000.000kHz VBW:0.010Hz SWT:Auto Project : 981238	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBm/m)</p> <p>Date: 2019-10-30</p> <p>Frequency (MHz)</p> <p>Site : 03-CH11-4Y Condition : STBx400LES U-NII-1&amp;2A 3m HORN 91200-HF_1522 VERTICAL Detector : R88W:1000.000KHz VBW:3000.000KHz SWF:Auto Project : Peak Project : 981238</p>	Left blank
Avg.	Left blank	Left blank



**Band 3 – Straddle Channel**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - L	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) Date: 2019-10-30 5350 5380 5400 5420 5440 5460 5480 5500 5520 5540 5560 5580 5600 5620 5640 5660 5680 5700 5740 Site : 03CH11-HV Condition : STRADDLES U-NIT1-1&amp;2A 3m HORN 9120D-HF_1522 HORIZONTAL Detector : AVG:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 981238</p>	 <p>Level (dBuV/m) vs Frequency (MHz) Date: 2019-10-30 1000 2000 3000 4000 5000 6000 7000 Site : 03CH11-HV Condition : PEAK(UNIT) 3m HORN 9120D-HF_1522 HORIZONTAL Detector : AVG:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 981238</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) Date: 2019-10-30 5350 5380 5400 5420 5440 5460 5480 5500 5520 5540 5560 5580 5600 5620 5640 5660 5680 5700 5740 Site : 03CH11-HV Condition : U-NIT1-1&amp;2A AVERAGE 3m HORN 9120D-HF_1522 HORIZONTAL Detector : PEAK:1000.000KHz VBW:0.010KHz SWT:Auto Project : 981238</p>	Left blank



<b>WIFI</b>	<b>Band 3 Straddle Channel Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11ac CH138 5690MHz - R</b>	
<b>1+2</b>	<b>Horizontal</b>	<b>Fundamental</b>
<b>Peak</b>	<p>Level (dBuV/m)</p> <p>Date: 2019-10-30</p> <p>STRADDLES U-NIT-1A2A</p> <p>5650 5680 5700 5720 5740 5760 5780 5800 5820 5840 5860 5880 5900 5920 5940</p> <p>Frequency (MHz)</p> <p>Sites : 03CH11.HY Condition : STRADDLES U-NIT-1A2A 3m HORN 91200-HF_1522 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak : 981238</p>	Left blank
<b>Avg.</b>	Left blank	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH1-HY Condition : STBx400LES U-NIT1-1&2/A 3m HORN 91200-HF_IS22 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238	 Site : 03CH1-HY Condition : PC4K(UNI) 3m HORN 91200-HF_IS22 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238
Avg.	 Site : 03CH1-HY Condition : U-NIT1-A2/A AVERAGE 3m HORN 91200-HF_IS22 VERTICAL Detector : R8W:0.010KHz VBW:0.010KHz SWT:Auto Project : 981238	Left blank

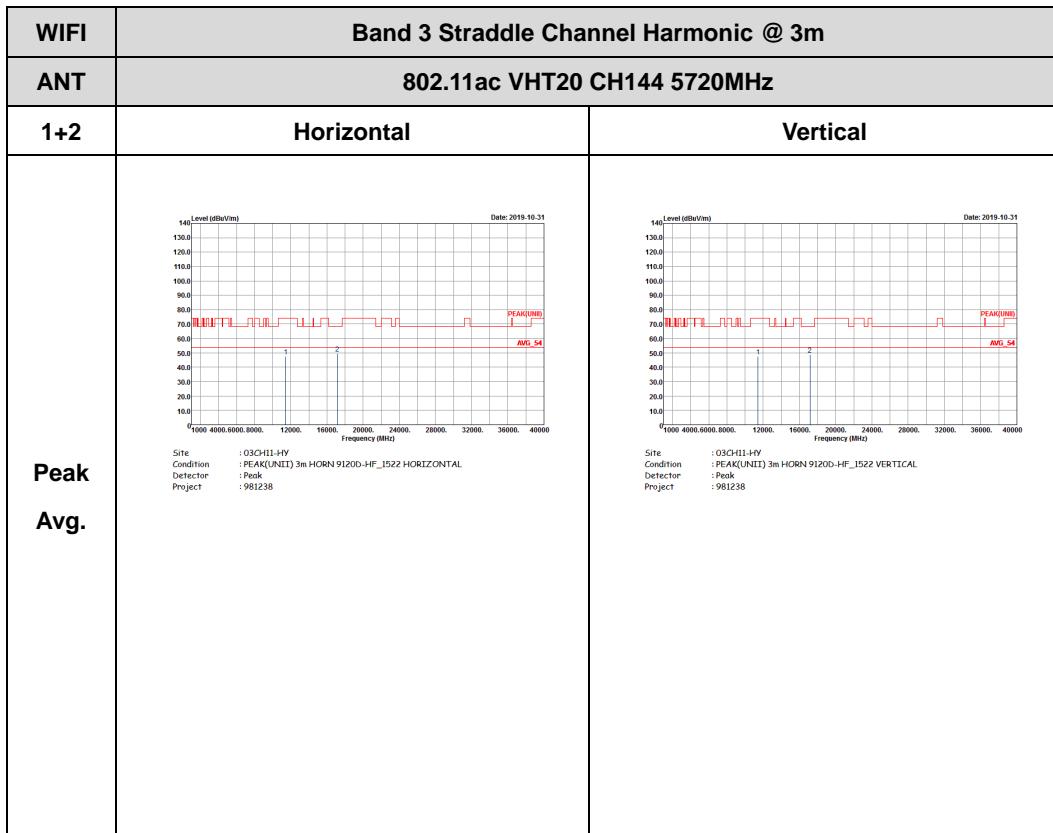


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBuV/m)</p> <p>Date: 2019-10-30</p> <p>5650 5680 5700 5720 5740 5760 5780 5800 5820 5840 5860 5880 5900 5920 5940</p> <p>Frequency (MHz)</p> <p>Sites : 03CH11.HY Condition : STRADDLES U-NIT-1A2A 3m HORN 9120-HF_1522 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWF:Auto Project : Peak : 981238</p>	Left blank
Avg.	Left blank	Left blank



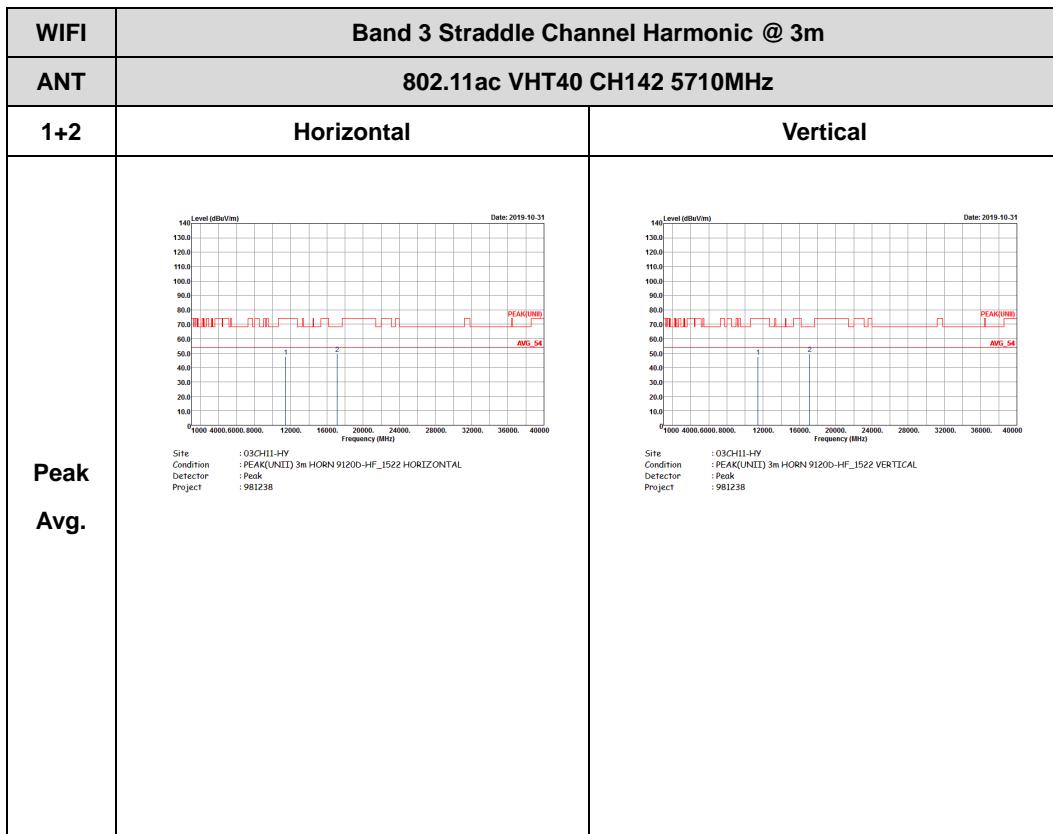
## Band 3 - Straddle Channel

WIFI 802.11ac VHT20 (Harmonic @ 3m)



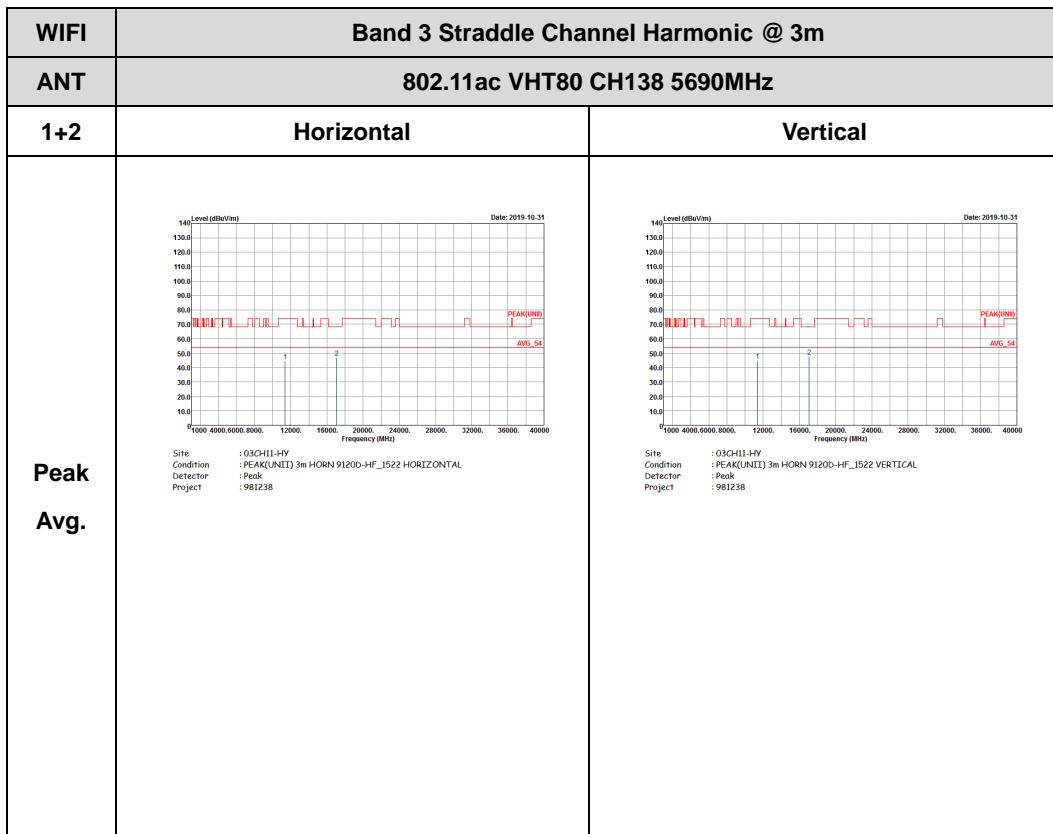


**Band 3 – Straddle Channel**  
**WIFI 802.11ac VHT40 (Harmonic @ 3m)**





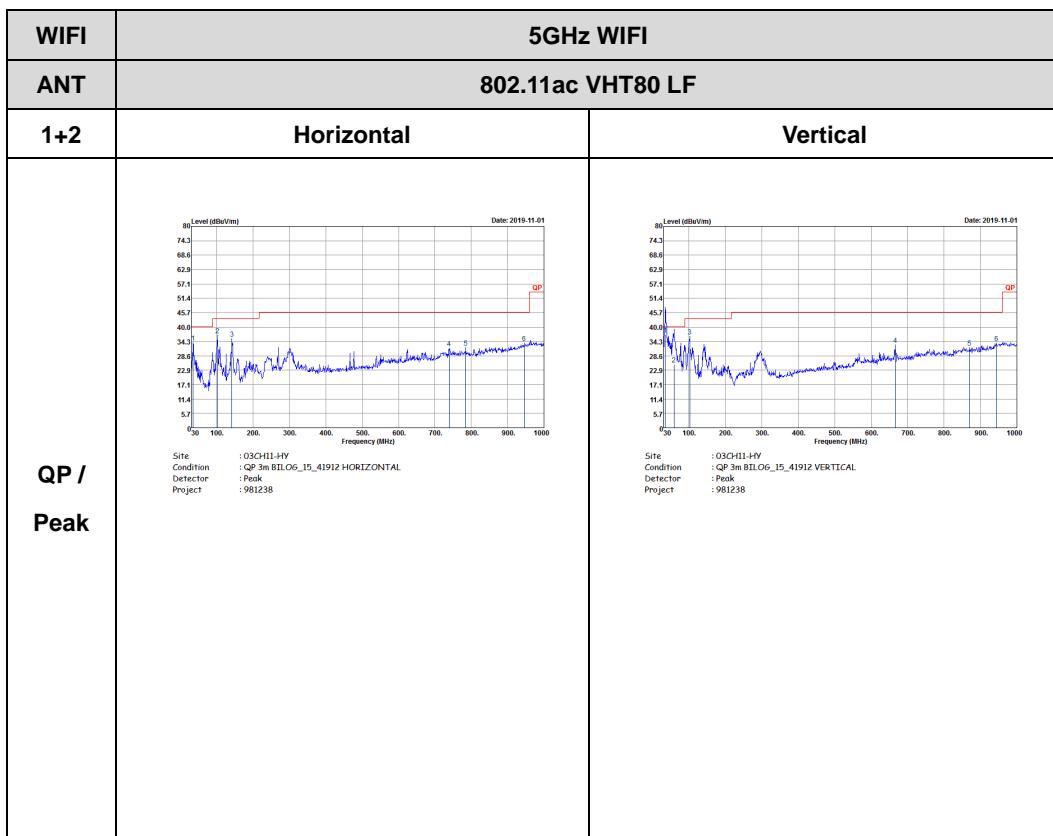
**Band 3 – Straddle Channel**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**





## Emission below 1GHz

## 5GHz WIFI 802.11ac VHT80 (LF)





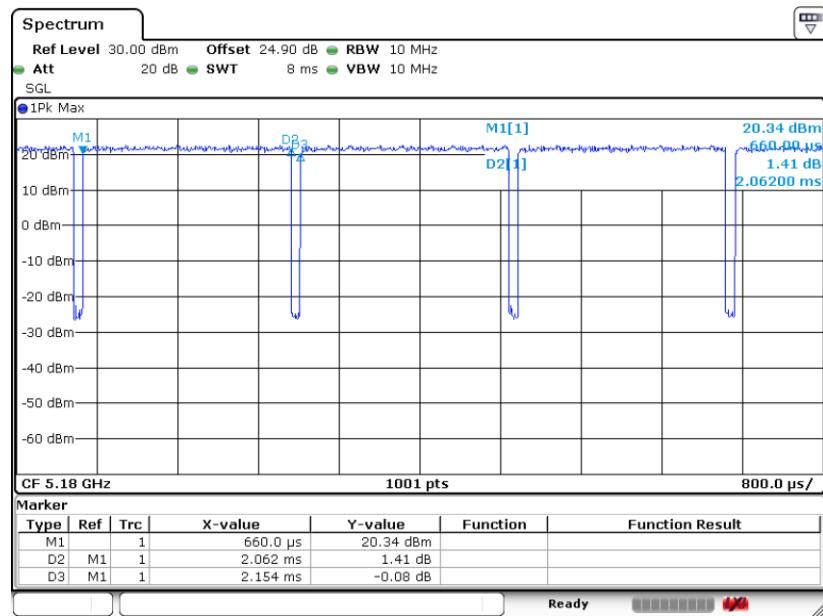
## Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
1	802.11a	95.73	2062	0.48	1kHz	0.19
2	802.11a	95.82	2062	0.48	1kHz	0.19
1+2	802.11a for Ant. 1	95.46	2062	0.48	1kHz	0.20
1+2	802.11a for Ant. 2	95.83	2068	0.48	1kHz	0.18
1	5GHz 802.11n HT20	95.07	1928	0.52	1kHz	0.22
2	5GHz 802.11n HT20	95.15	1922	0.52	1kHz	0.22
1+2	5GHz 802.11n HT20 for Ant. 1	95.54	1930	0.52	1kHz	0.20
1+2	5GHz 802.11n HT20 for Ant. 2	95.07	1928	0.52	1kHz	0.22
1	5GHz 802.11n HT40	91.15	948	1.05	3kHz	0.40
2	5GHz 802.11n HT40	91.47	944	1.06	3kHz	0.39
1+2	5GHz 802.11n HT40 for Ant. 1	91.51	948	1.05	3kHz	0.39
1+2	5GHz 802.11n HT40 for Ant. 2	91.12	944	1.06	3kHz	0.40
1	5GHz 802.11ac VHT20	95.54	1930	0.52	1kHz	0.20
2	5GHz 802.11ac VHT20	95.85	1938	0.52	1kHz	0.18
1+2	5GHz 802.11ac VHT20 for Ant. 1	95.19	1938	0.52	1kHz	0.21
1+2	5GHz 802.11ac VHT20 for Ant. 2	95.57	1940	0.52	1kHz	0.20
1	5GHz 802.11ac VHT40	91.51	948	1.05	3kHz	0.39
2	5GHz 802.11ac VHT40	91.19	952	1.05	3kHz	0.40
1+2	5GHz 802.11ac VHT40 for Ant. 1	91.54	952	1.05	3kHz	0.38
1+2	5GHz 802.11ac VHT40 for Ant. 2	91.19	952	1.05	3kHz	0.40
1	5GHz 802.11ac VHT80	85.29	464	2.16	3kHz	0.69
2	5GHz 802.11ac VHT80	85.61	464	2.16	3kHz	0.67
1+2	5GHz 802.11ac VHT80 for Ant. 1	85.29	464	2.16	3kHz	0.69
1+2	5GHz 802.11ac VHT80 for Ant. 2	85.24	462	2.16	3kHz	0.69

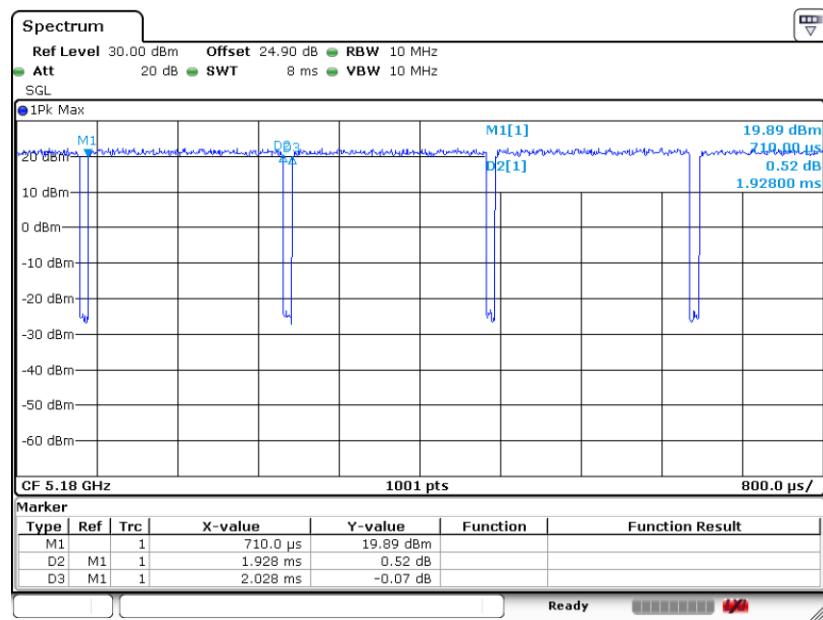


&lt;Ant. 1&gt;

## 802.11a

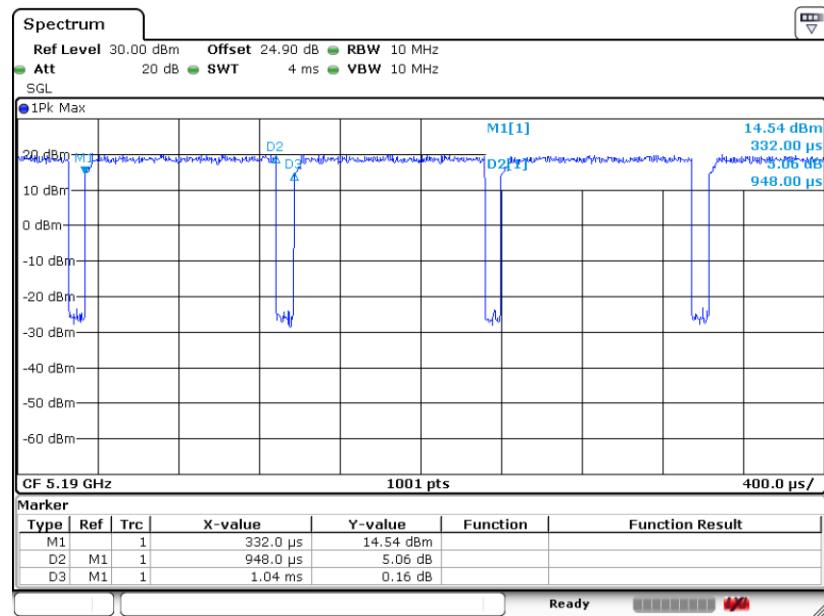


## 802.11n HT20



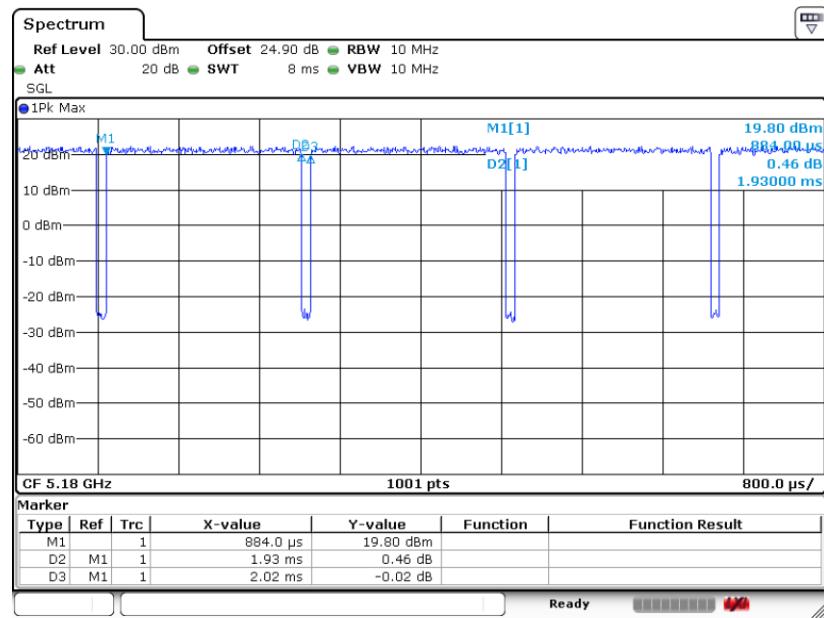


## 802.11n HT40



Date: 11.OCT.2019 21:40:30

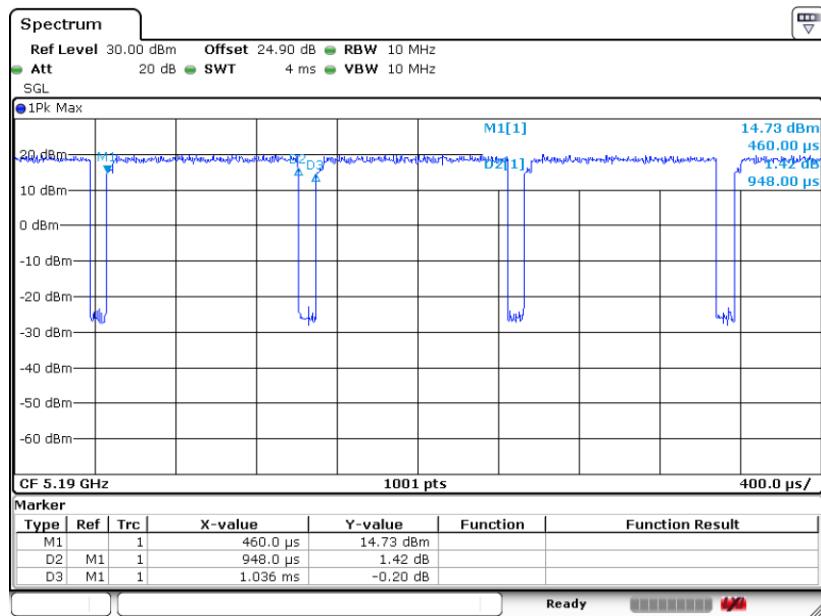
## 802.11ac VHT20



Date: 11.OCT.2019 20:17:31

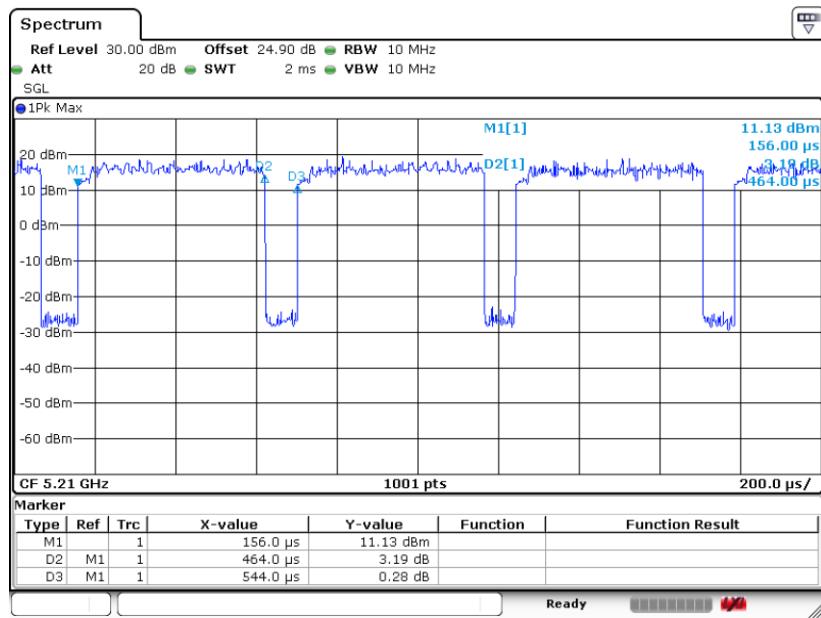


## 802.11ac VHT40



Date: 11.OCT.2019 21:52:43

## 802.11ac VHT80

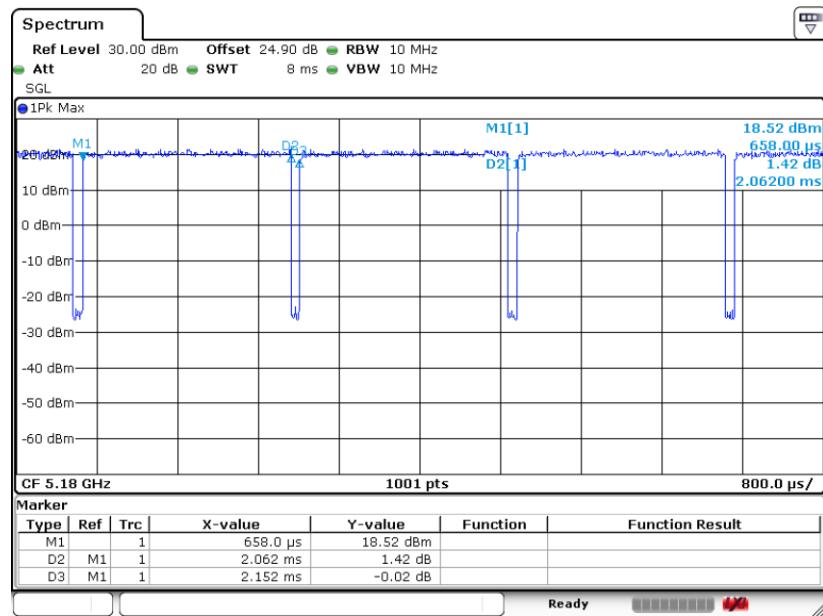


Date: 11.OCT.2019 23:04:37

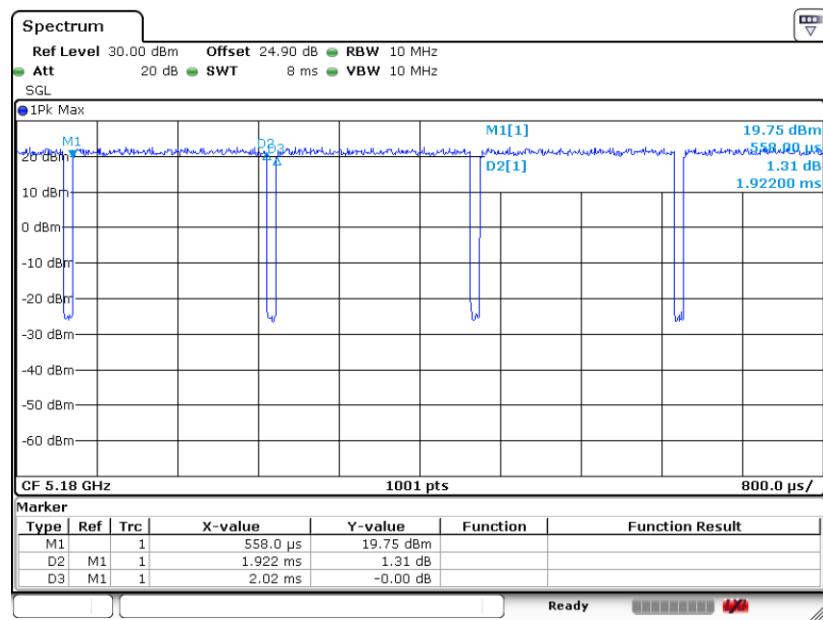


&lt;Ant. 2&gt;

## 802.11a

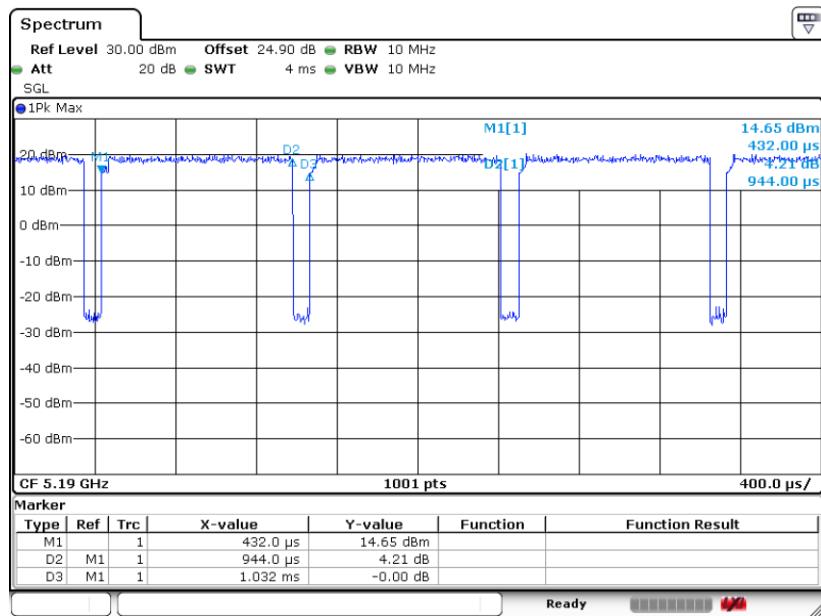


## 802.11n HT20



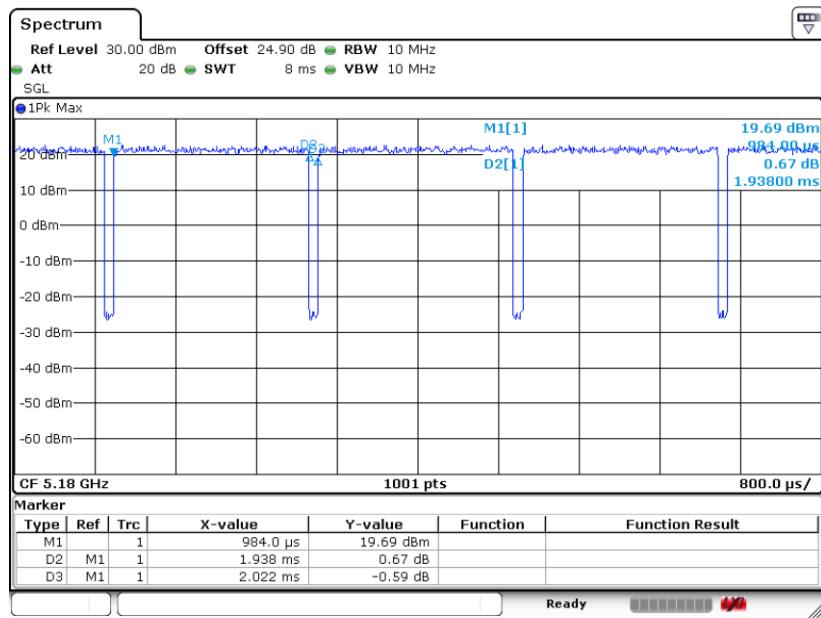


## 802.11n HT40



Date: 11.OCT.2019 21:42:36

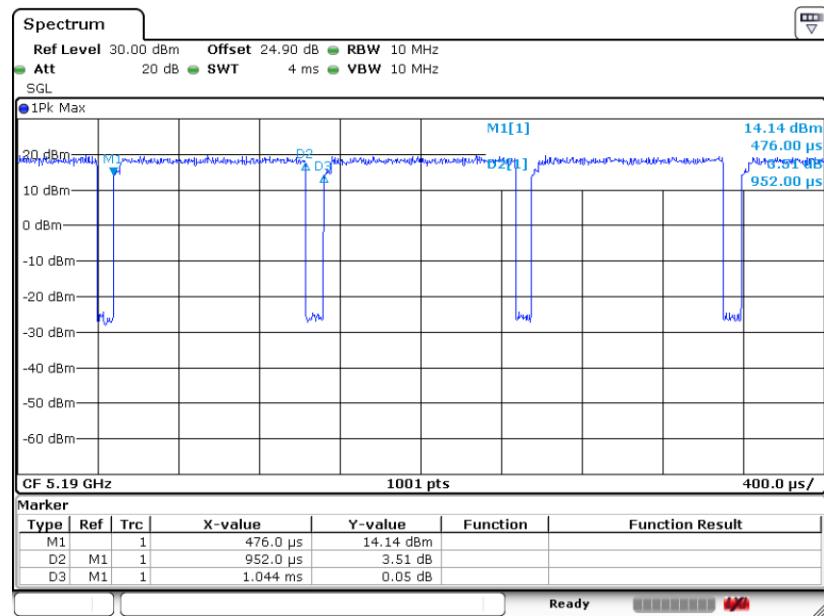
## 802.11ac VHT20



Date: 11.OCT.2019 20:19:32

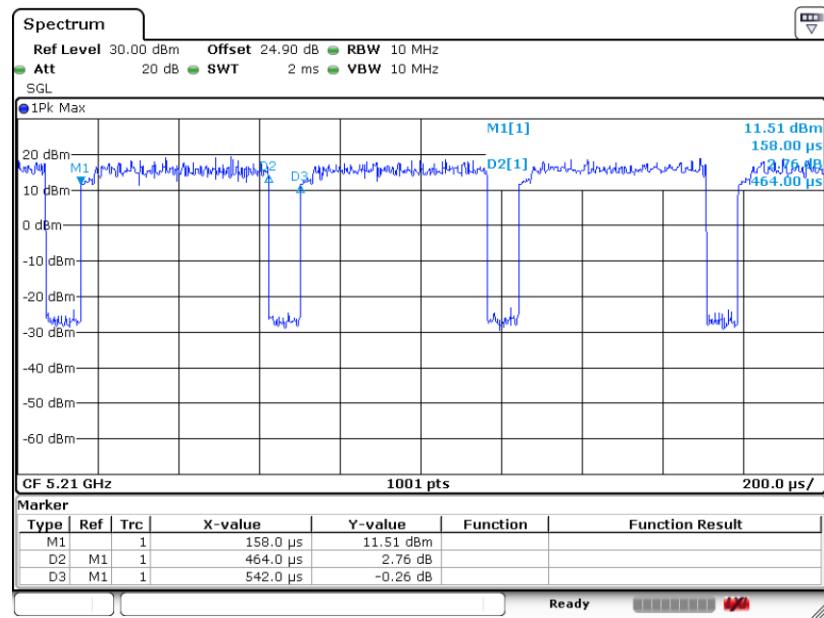


## 802.11ac VHT40



Date: 11.OCT.2019 22:04:27

## 802.11ac VHT80

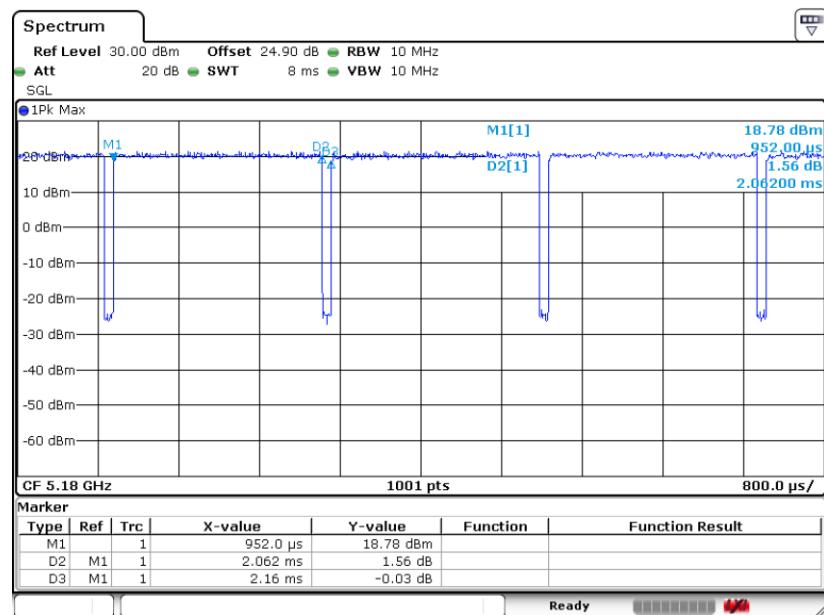


Date: 11.OCT.2019 23:05:46



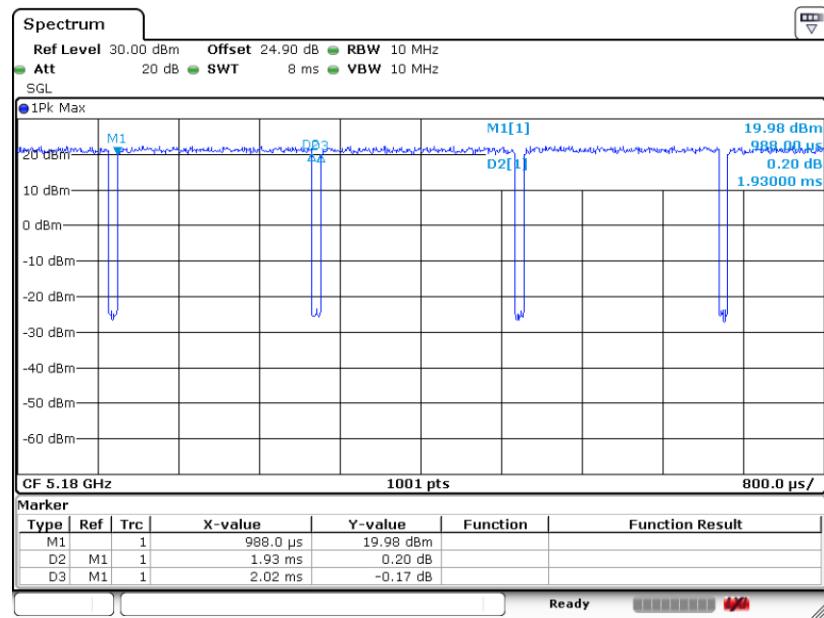
## MIMO &lt;Ant. 1&gt;

## 802.11a



Date: 11.OCT.2019 19:33:26

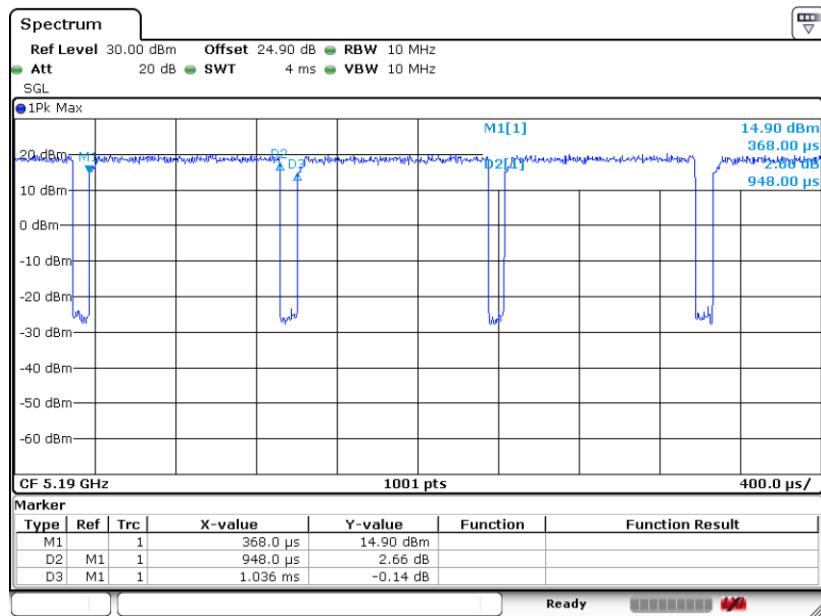
## 802.11n HT20



Date: 11.OCT.2019 20:14:38

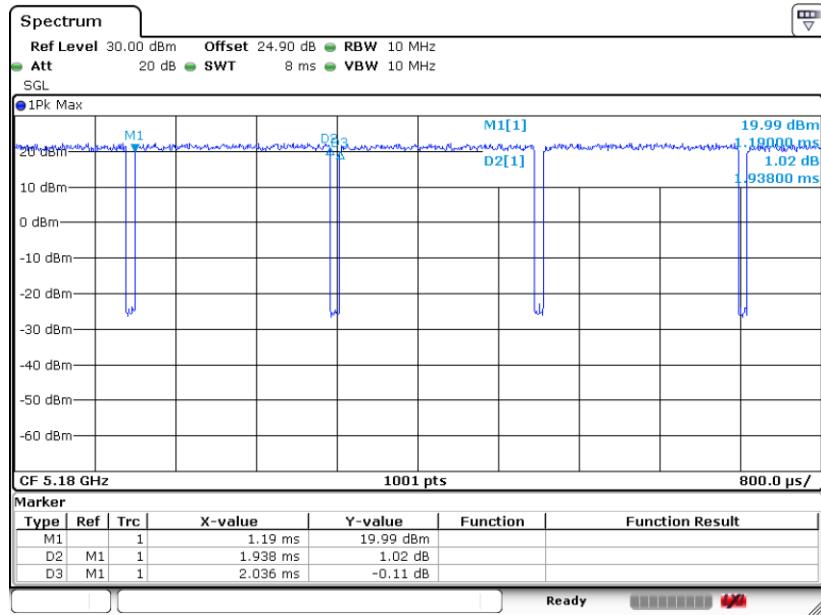


## 802.11n HT40



Date: 11.OCT.2019 21:49:48

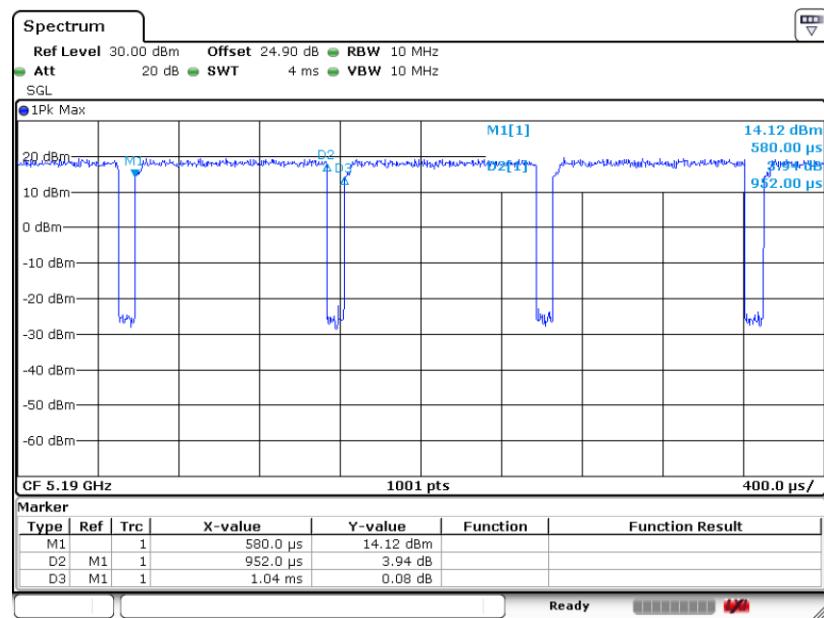
## 802.11ac VHT20



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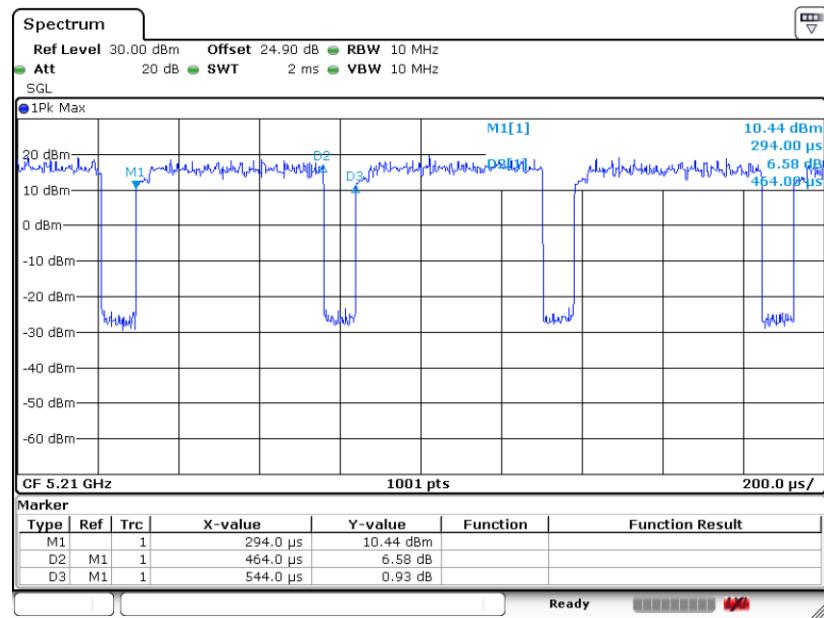


## 802.11ac VHT40



Date: 11.OCT.2019 22:12:16

## 802.11ac VHT80

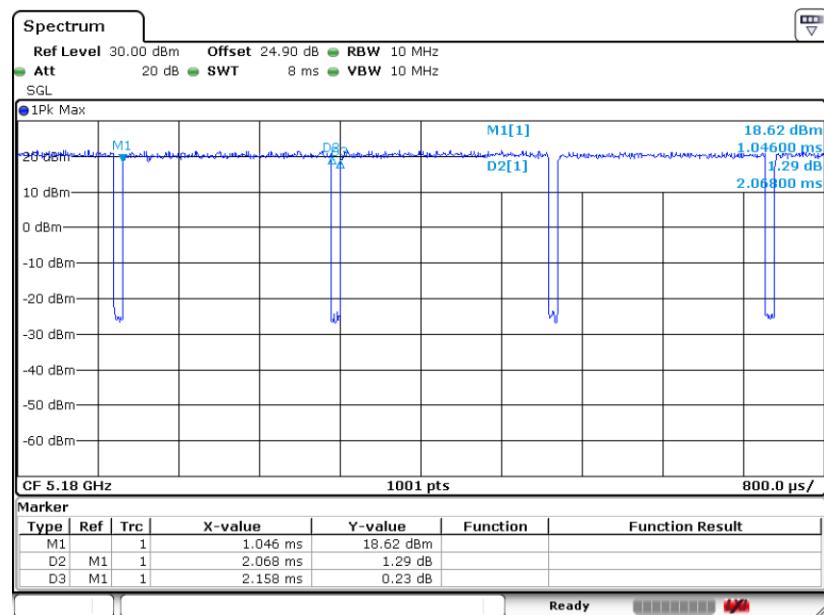


Date: 11.OCT.2019 23:07:13



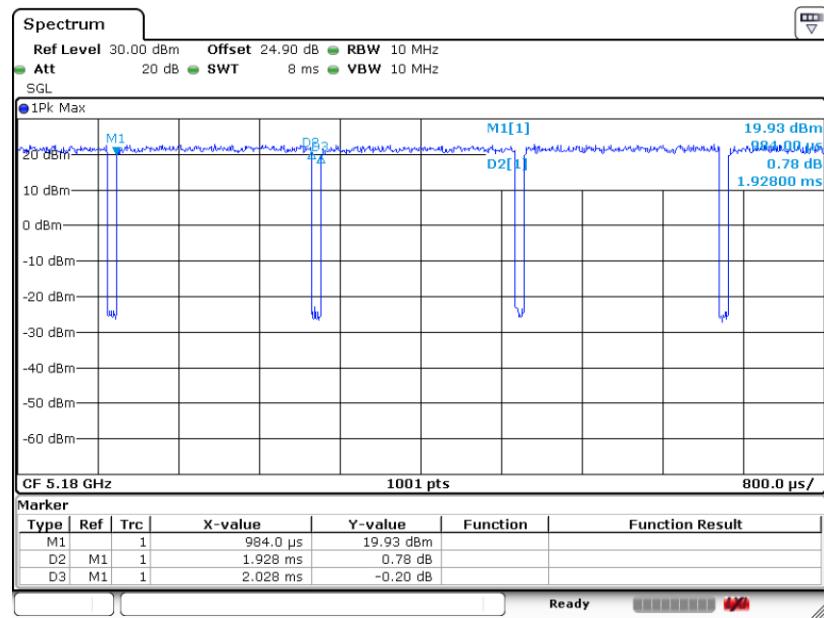
## MIMO &lt;Ant. 2&gt;

## 802.11a



Date: 11.OCT.2019 19:34:28

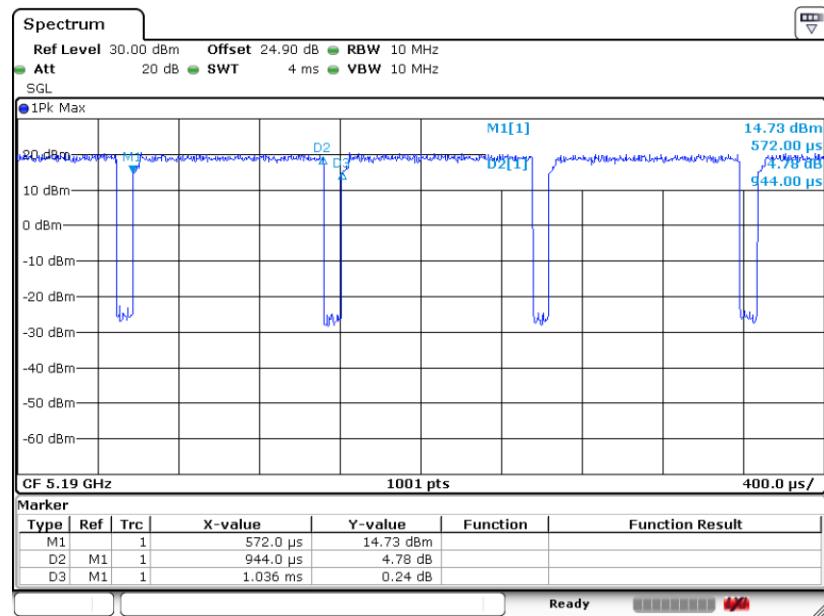
## 802.11n HT20



Date: 11.OCT.2019 20:16:02

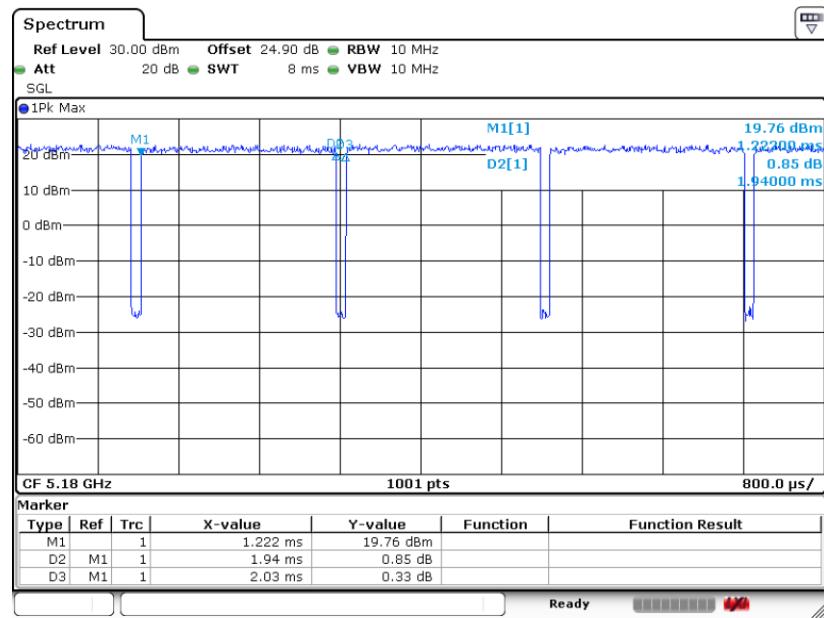


## 802.11n HT40



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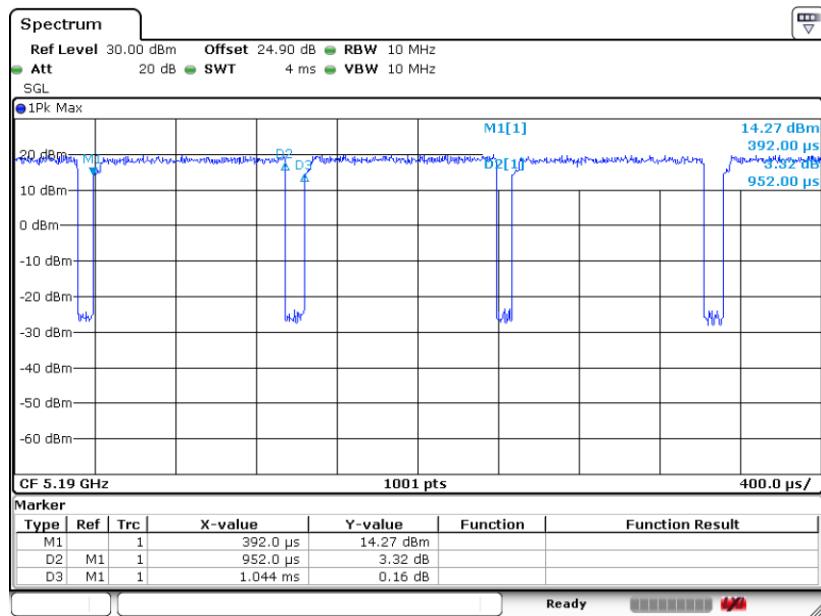
## 802.11ac VHT20



Date: 11.OCT.2019 20:22:32

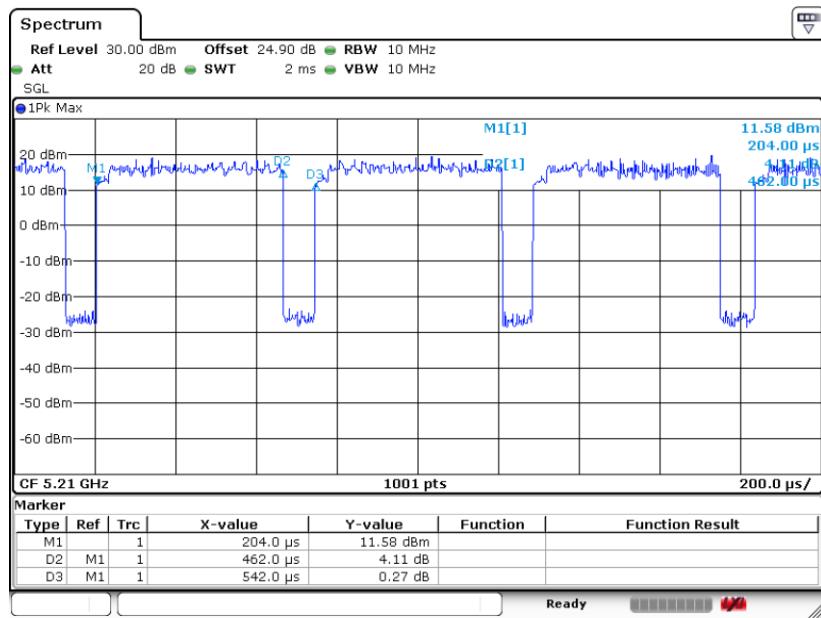


## 802.11ac VHT40



Date: 11.OCT.2019 22:13:09

## 802.11ac VHT80



Date: 11.OCT.2019 23:08:14