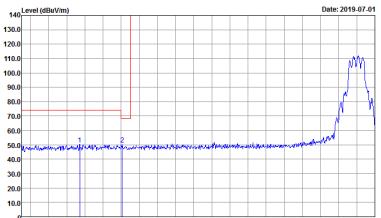
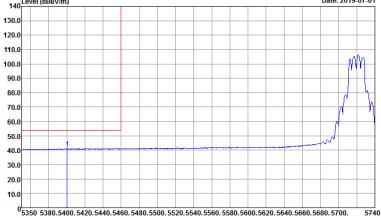




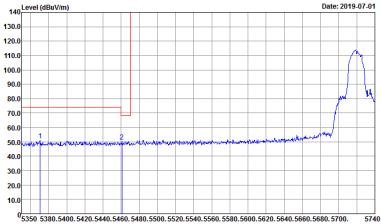
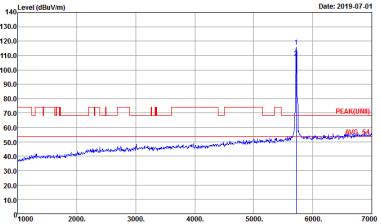
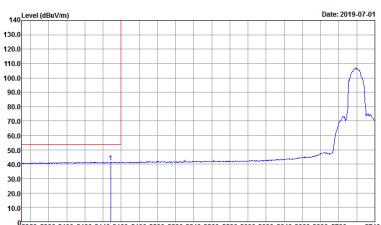
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDLES U-NIT-1A2A 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 144	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 144
Avg.	 Site : 03CH15-HY Condition : U-NIT-1A2A AVERAGE 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Project : 911635 Mode : 144	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBuV/m)</p> <p>Date: 2019-07-01</p> <p>STRADDLES U-NII-1A2A</p> <p>Site : 03CH15-PV Condition : STRADDLES U-NII-1A2A 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VSW:3000.000KHz SWT:Auto Project : 911635 Mode : 144</p> <p>Frequency (MHz)</p> <p>Left blank</p>	



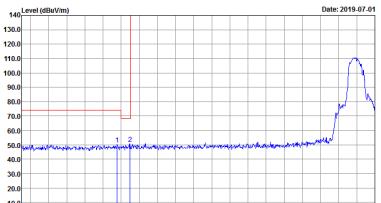
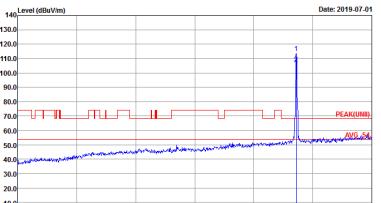
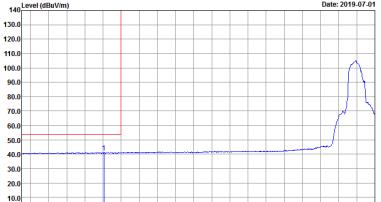
**Band 3 – Straddle Channel**  
**WIFI 802.11ac VHT20 (Band Edge @ 3m)**

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : U-NIT-1A2A 3m 9120D_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 911635 Mode : 139	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 9120D_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 911635 Mode : 139
Avg.	 Site : 03CH15-HY Condition : U-NIT-1A2A AVERAGE 3m 9120D_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : 911635 Mode : 139	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: 2019-07-01</p> <p>Frequency (MHz)</p> <p>STRADDLES U-NII-1A2A</p> <p>Site : 03CH15-HY Condition : STRADDLES U-NII-1A2A 3m 9120_15_1620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000Hz SWF:Auto Detector : Peak Project : 911635 Mode : 139</p>	Left blank



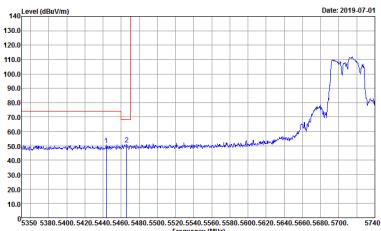
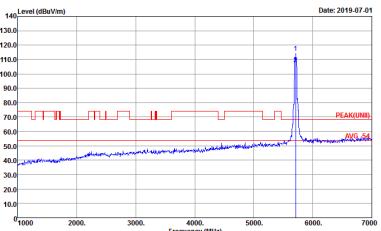
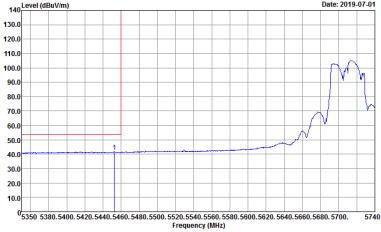
<b>WIFI</b>	<b>Band 3 Straddle Channel Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11ac VHT20 CH144 5720MHz - L</b>	
<b>1+2</b>	<b>Vertical</b>	<b>Fundamental</b>
<b>Peak</b>	 Site : 03CH15-HY Condition : STRADDLES U-NIT-1A2A 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000Hz SWT:Auto Project : 911635 Mode : 139	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000Hz SWT:Auto Project : 911635 Mode : 139
<b>Avg.</b>	 Site : 03CH15-HY Condition : U-NIT-1A2A AVERAGE 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.000kHz VBW:10000Hz SWT:Auto Project : 911635 Mode : 139	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBm/1m) vs Frequency (MHz) plot. The x-axis ranges from 5700 to 5950 MHz, and the y-axis ranges from 10.0 to 140.0 dBm/1m. A blue curve shows a sharp peak around 5720 MHz. A red rectangular box highlights the region around 5720 MHz, with the text "STRADDLES U-NI-18-2A" inside. Below the plot are several parameter settings:</p> <p>Site : 03CH15-PV Condition : STRADDLES U-NI-18-2A 3m 9120D_15_1620 VERTICAL : 88W:1000.000KHz VSW:3000.000KHz SWT:Auto Detector : Peak Project : 911635 Mode : 139</p>	Left blank



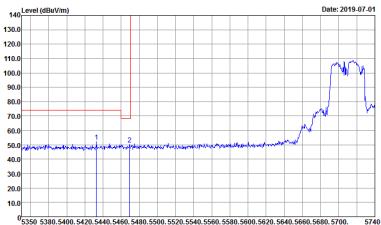
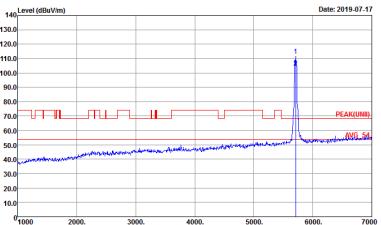
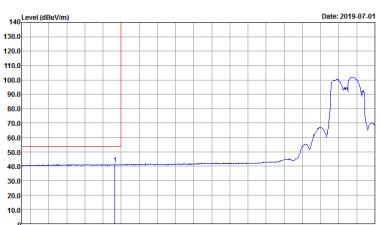
**Band 3 – Straddle Channel**  
**WIFI 802.11ac VHT40 (Band Edge @ 3m)**

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: 2019-07-01 Site: 03CH15-HY Condition: STRADDLES U-NII-1&amp;2 A 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000Hz SWF:Auto Detector: Peak Project: 911635 Mode: 143</p>	 <p>Level (dBuV/m) vs Frequency (MHz) Date: 2019-07-01 Site: 03CH15-HY Condition: PEAK(UNIT) 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000Hz SWF:Auto Detector: Peak Project: 911635 Mode: 143</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) Date: 2019-07-01 Site: 03CH15-HY Condition: U-NII-1&amp;2 A, AVG=4.63m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1000Hz SWF:Auto Detector: Peak Project: 911635 Mode: 143</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBm/V/m)</p> <p>Date: 2019-07-01</p> <p>Frequency (MHz)</p> <p>STRADDLES U-NI18.2A</p> <p>Site : 03CH15-HV Condition : STRADDLES U-NI18.2A 3m 9120D_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VSW:3000.000KHz SWT:Auto Project : 911635 Mode : 143</p>	Left blank



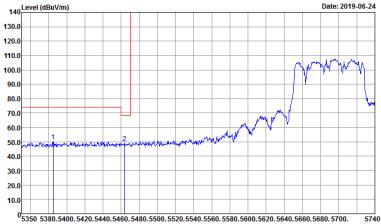
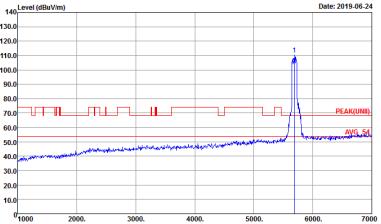
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDLES U-NIT-1A2A 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000Hz SWT:Auto Project : 911635 Mode : 143	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000Hz SWT:Auto Project : 911635 Mode : 143
Avg.	 Site : 03CH15-HY Condition : U-NIT-1A2A AVERAGE 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.000kHz VBW:10000Hz SWT:Auto Project : 911635 Mode : 143	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Site : 03CH15-PV Condition : STRADDLES U-NII-1A2A 3m 91200_15_1620 VERTICAL Detector : R8W:1000.000KHz VSW:3000.000KHz SWT:Auto Project : 911635 Mode : 143</p>	Left blank



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

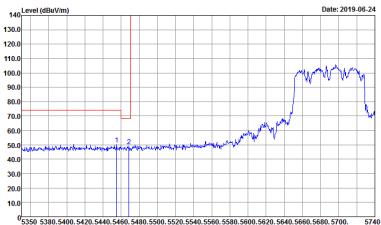
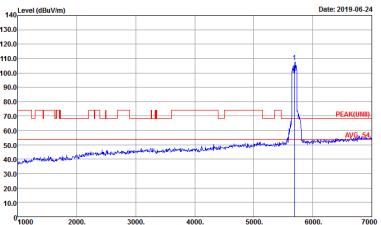
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - L	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) from 5350 to 5740. A red step function highlights the channel bandwidth. A sharp peak is labeled '1' at approximately 5690 MHz.</p> <p>Date: 2019-06-24</p> <p>Site: 03CH15-HY Condition: U-NIT-1&amp;2A 3m 9120D_15_1620 HORIZONTAL Detector: Peak Project: 911635 Mode: 146</p>	 <p>Level (dBuV/m) vs Frequency (MHz) from 1000 to 7000. A red step function highlights the channel bandwidth. A sharp peak is labeled '1' at approximately 5690 MHz. Labels 'PEAK(UNIT)' and 'AVG(M)' are present.</p> <p>Date: 2019-06-24</p> <p>Site: 03CH15-HY Condition: PEAK(UNIT) 3m 9120D_15_1620 HORIZONTAL Detector: Peak Project: 911635 Mode: 146</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) from 5350 to 5740. A red step function highlights the channel bandwidth. A sharp peak is labeled '1' at approximately 5690 MHz.</p> <p>Date: 2019-06-24</p> <p>Site: 03CH15-HY Condition: U-NIT-1&amp;2A AVERAGE 3m 9120D_15_1620 HORIZONTAL Detector: Peak Project: 911635 Mode: 146</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBuV/m)</p> <p>Date: 2019-06-24</p> <p>Frequency (MHz)</p> <p>STRADDLES U-NII-1A2A</p> <p>Site : 03CH15-HY Condition : STRADDLES U-NII-1A2A 3m 91200_15_1620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000Hz SWF:Auto Detector : Peak Project : 91635 Mode : 140</p>	Left blank

**FCC RADIO TEST REPORT**

Report No. : FR911635E

<b>WIFI</b>	<b>Band 3 Straddle Channel Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11ac VHT80 CH138 5690MHz - L</b>	
<b>1+2</b>	<b>Vertical</b>	<b>Fundamental</b>
<b>Peak</b>	 Site : 03CH15-HY Condition : STRADDLES U-NIT-1A2A 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000Hz SWT:Auto Project : 911635 Mode : 146	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000Hz SWT:Auto Project : 911635 Mode : 146
<b>Avg.</b>	 Site : 03CH15-HY Condition : U-NIT-1A2A AVERAGE 3m 9120D_15_1620 VERTICAL Detector : Peak Project : 911635 Mode : 146	Left blank

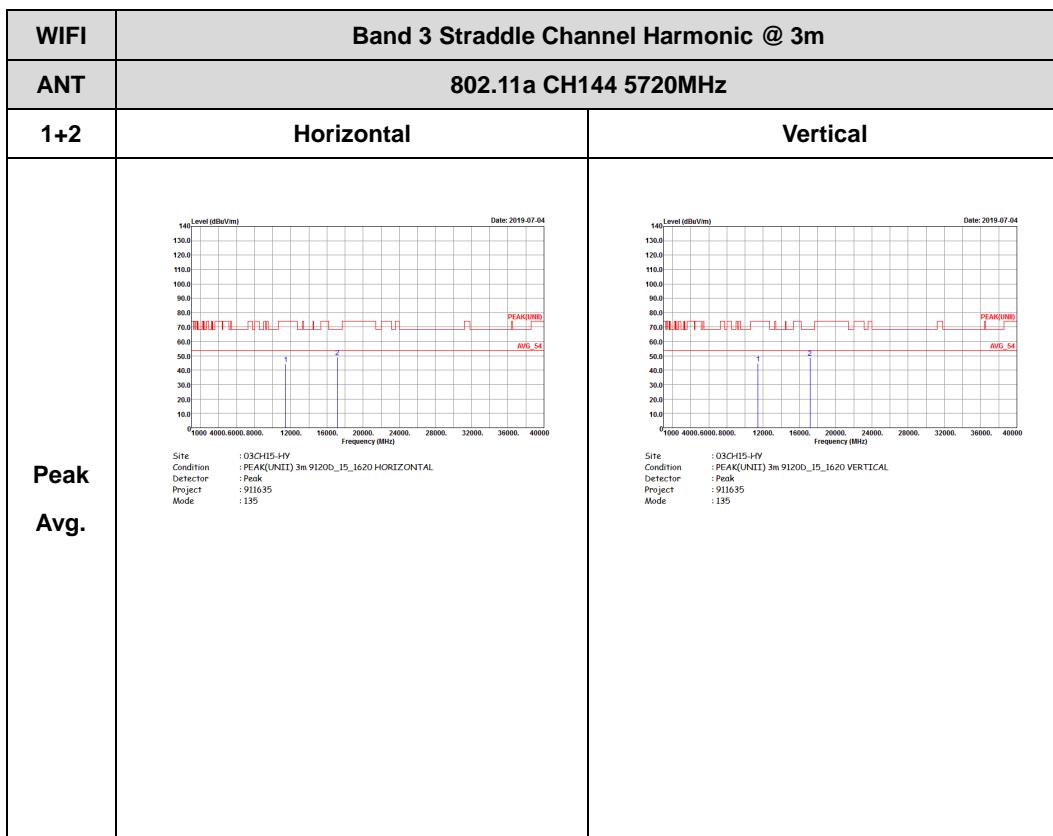


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBm/1m) Date: 2019-06-24</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HV Condition : STRADDLES U-NI-182A 3m 91200_15_1620 VERTICAL Detector : Peak Project : 911635 Mode : 146</p>	Left blank



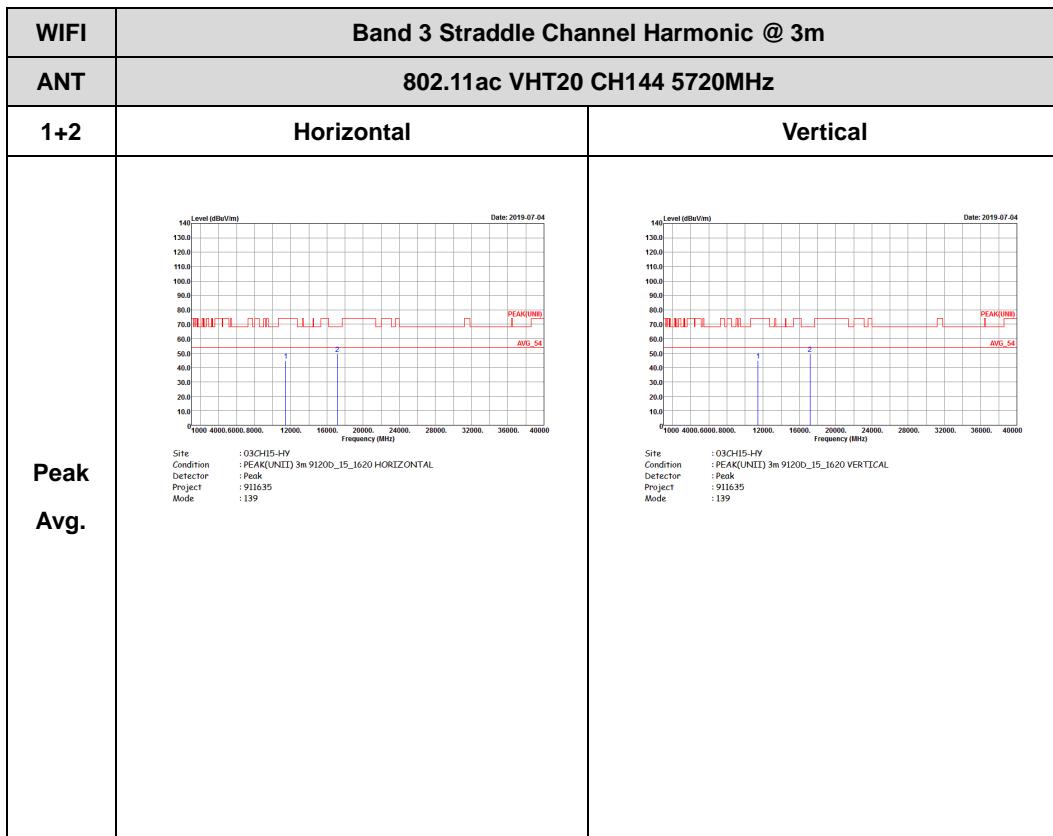
## Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)



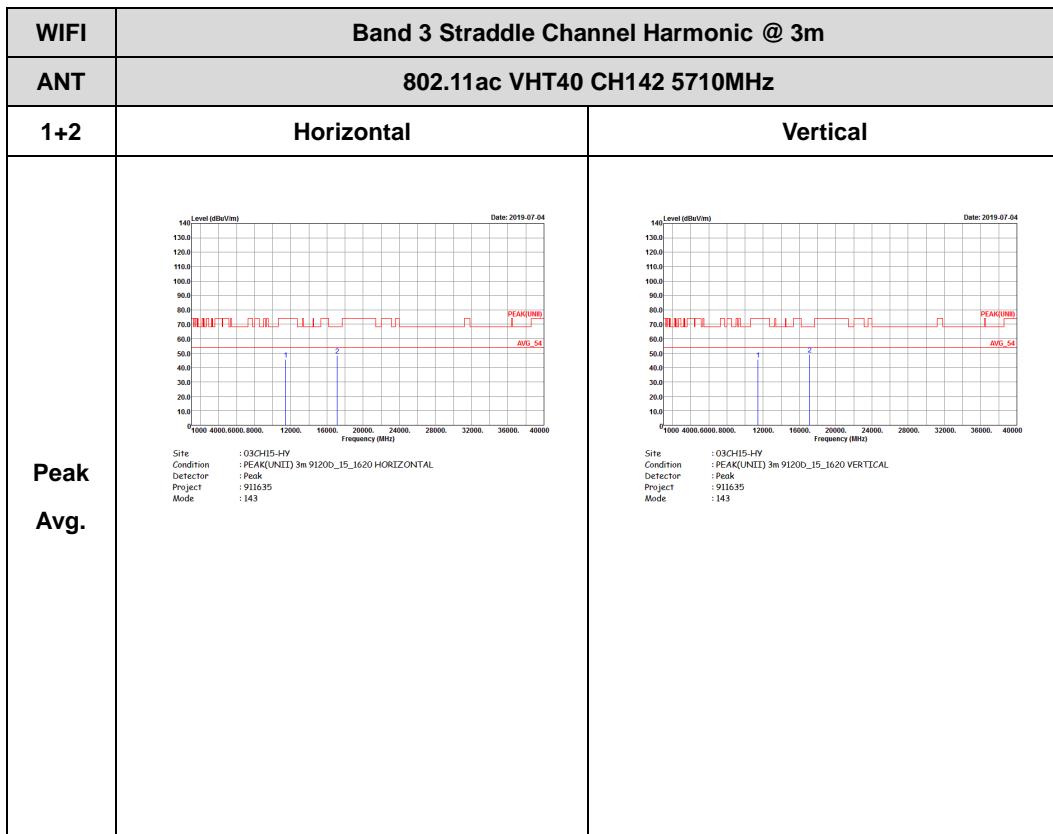


**Band 3 – Straddle Channel**  
**WIFI 802.11ac VHT20 (Harmonic @ 3m)**



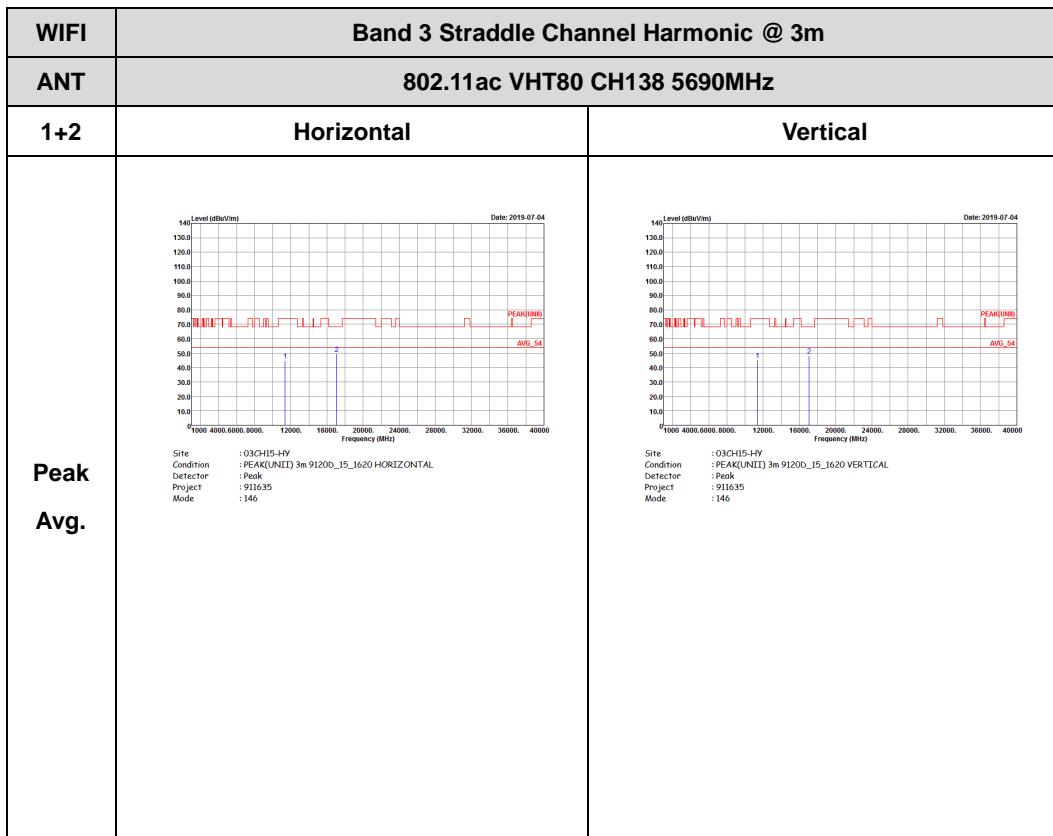


**Band 3 – Straddle Channel**  
**WIFI 802.11ac VHT40 (Harmonic @ 3m)**





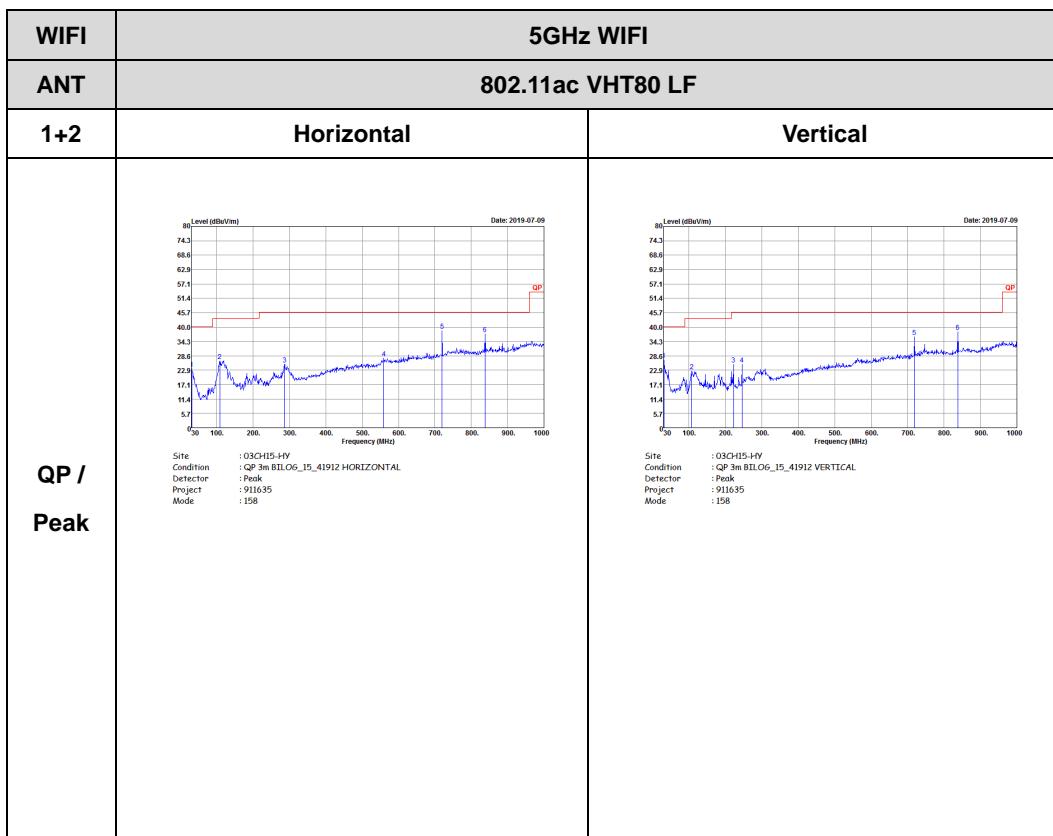
**Band 3 – Straddle Channel**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**





## Emission below 1GHz

## 5GHz WIFI 802.11ac VHT80 (LF)

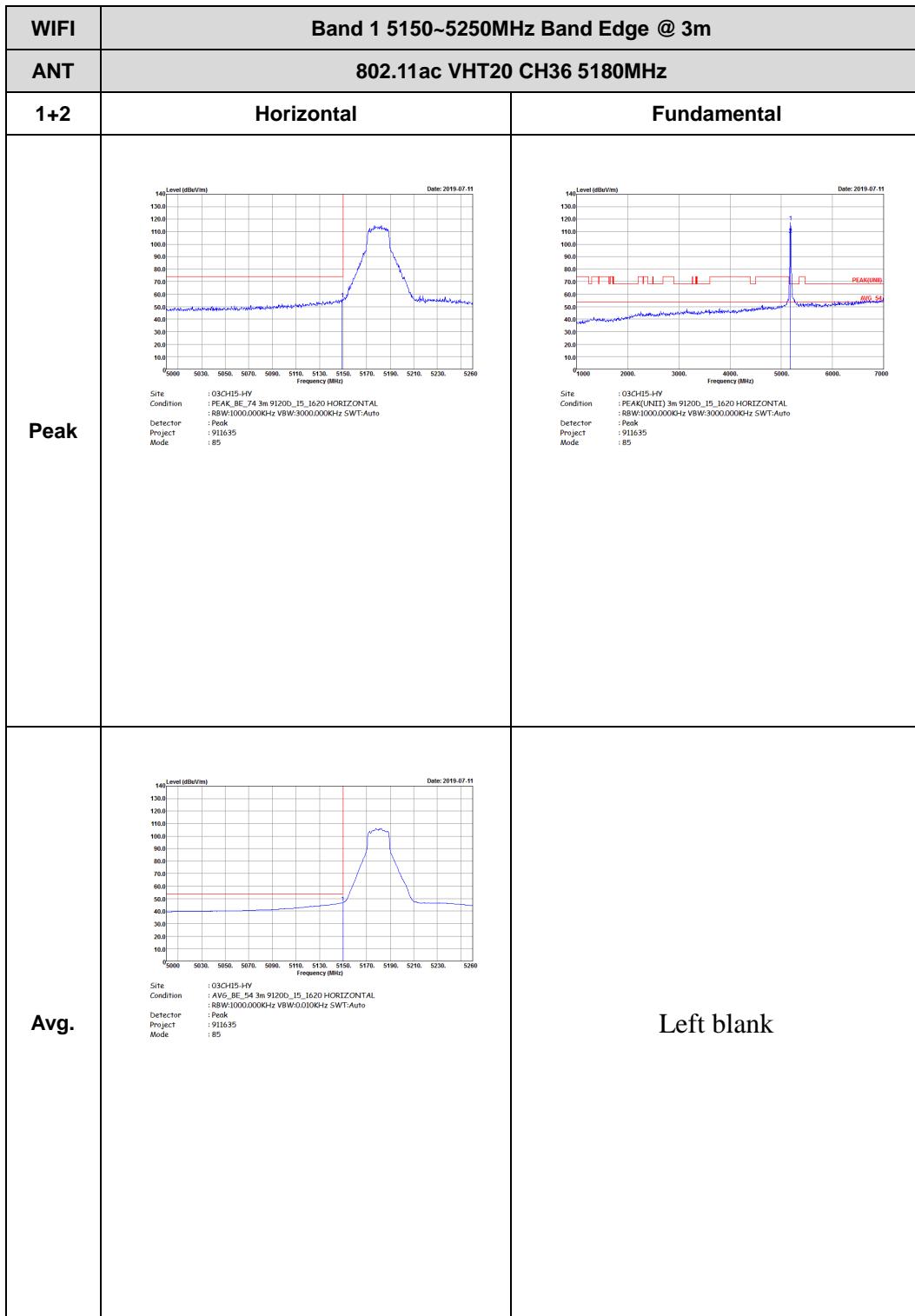




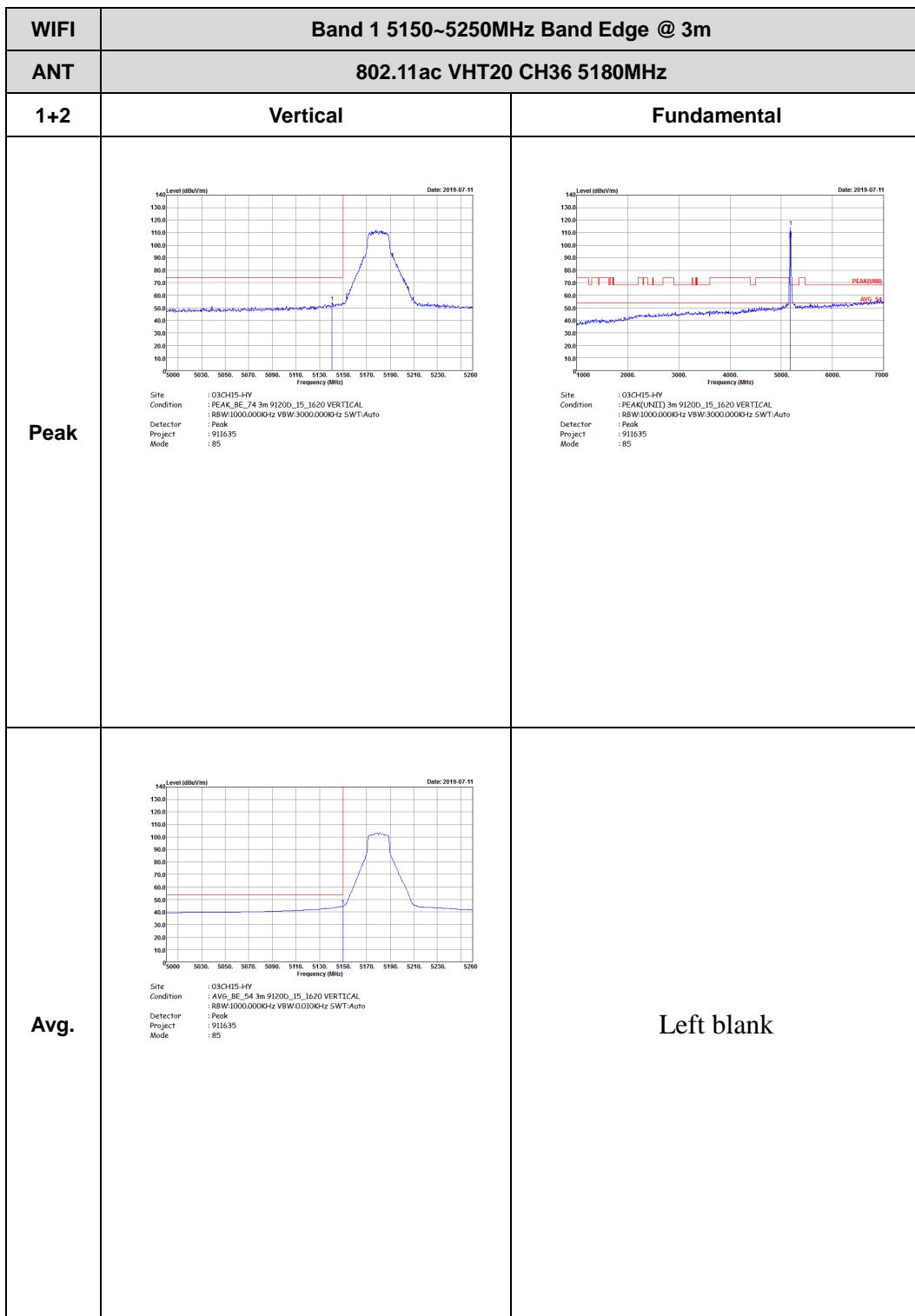
&lt;TXBF Mode&gt;

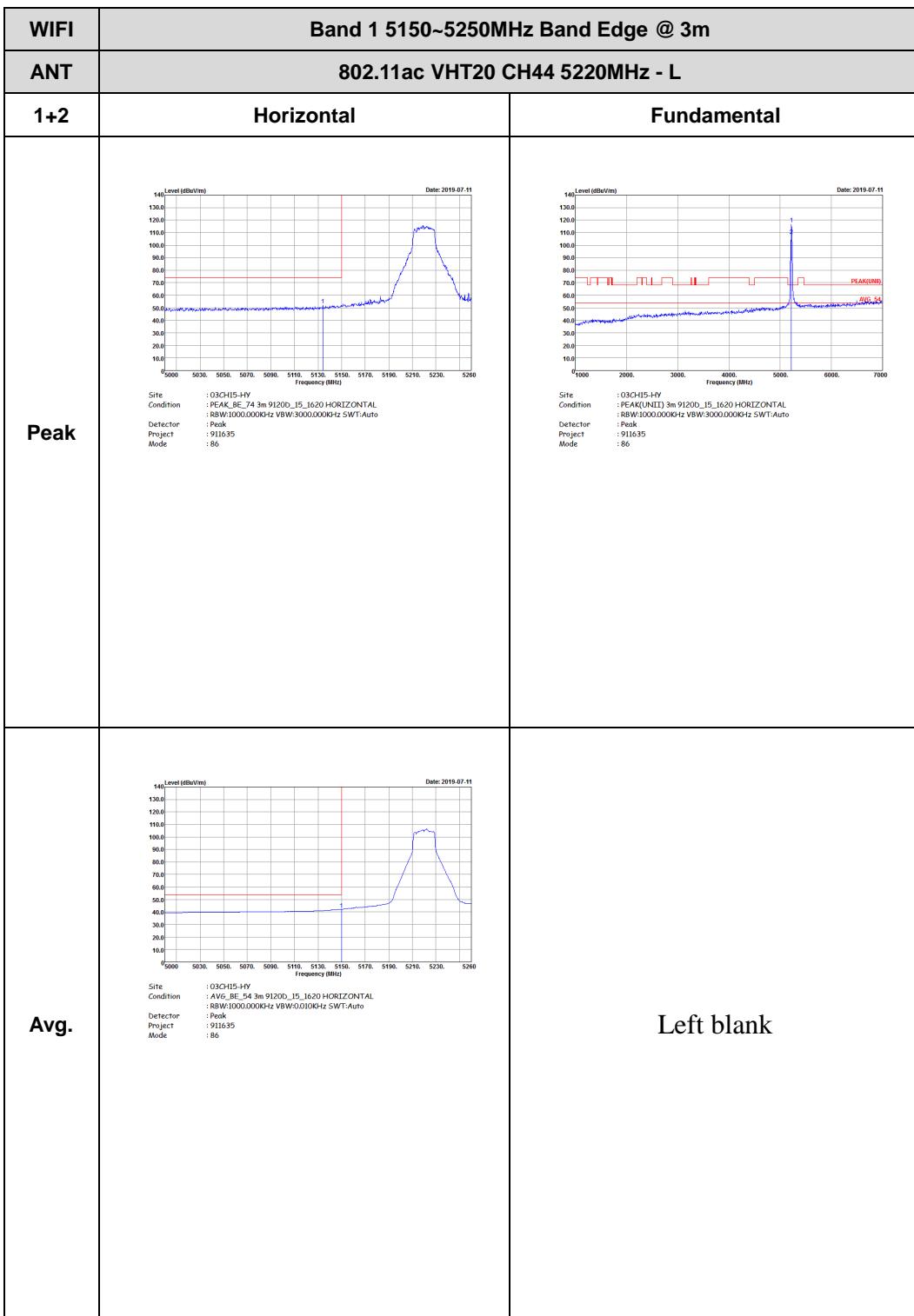
## Band 1 - 5150~5250MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)



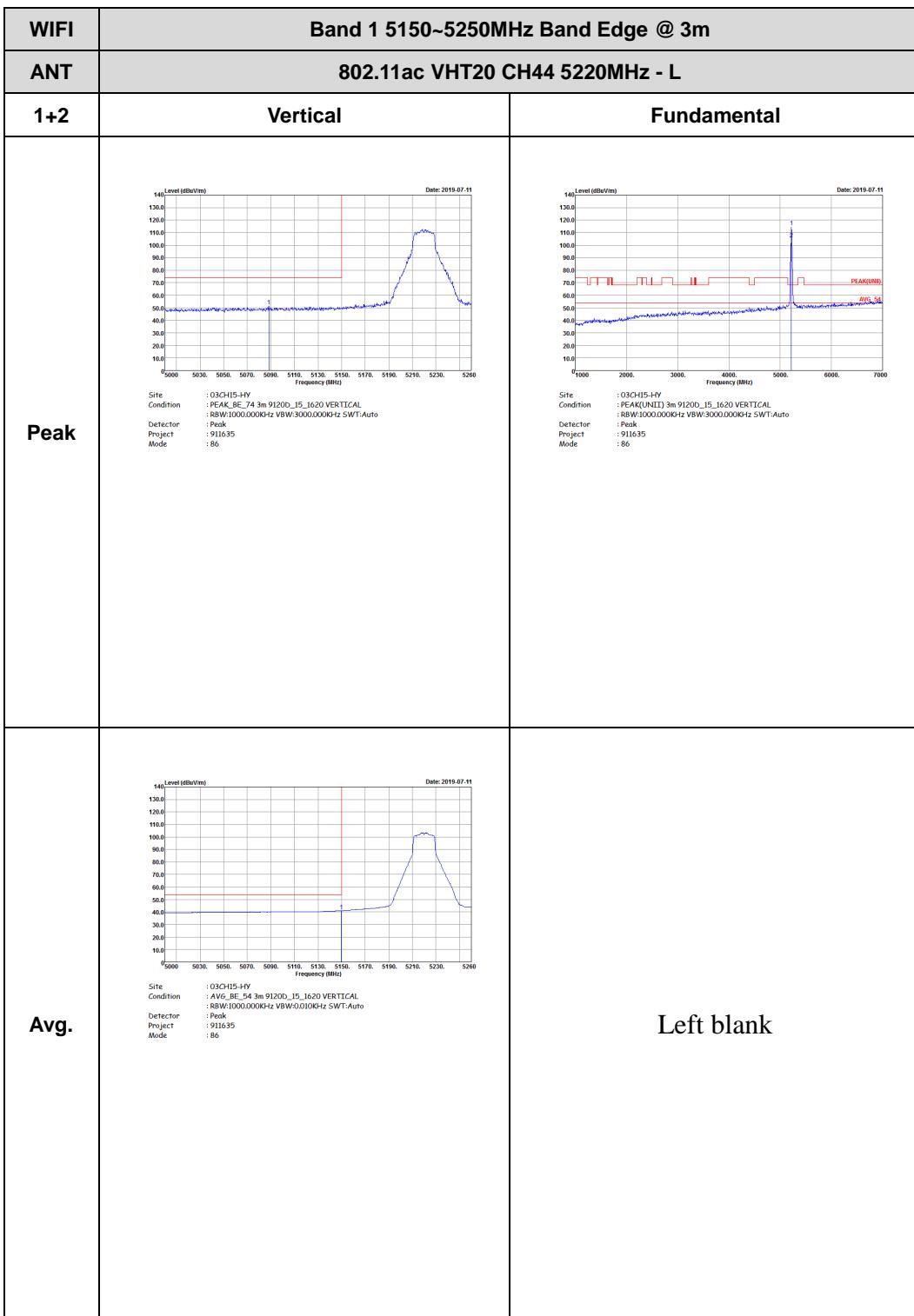








WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBm/V/m) vs Frequency (MHz) from 5180 to 5460. A blue curve shows a sharp peak at 5210 MHz labeled 'PEAK_BE_74'. The y-axis ranges from 10.0 to 140.0. The x-axis ranges from 5180 to 5460. Test parameters: Site: 03CH15-HV, Condition: PCAK_BE_74 3m 91200_I5_1620 HORIZONTAL, Detector: R8W:1000.000KHz VBW:3000.000KHz SWT:Auto, Project: 911635, Mode: 86.</p>	Left blank
Avg.	<p>Level (dBm/V/m) vs Frequency (MHz) from 5180 to 5460. A blue curve shows a peak at 5210 MHz labeled 'AVG_BE_54'. The y-axis ranges from 10.0 to 140.0. The x-axis ranges from 5180 to 5460. Test parameters: Site: 03CH15-HV, Condition: AVG_BE_54 3m 91200_I5_1620 HORIZONTAL, Detector: R8W:1000.000KHz VBW:0.010KHz SWT:Auto, Project: 911635, Mode: 86.</p>	Left blank





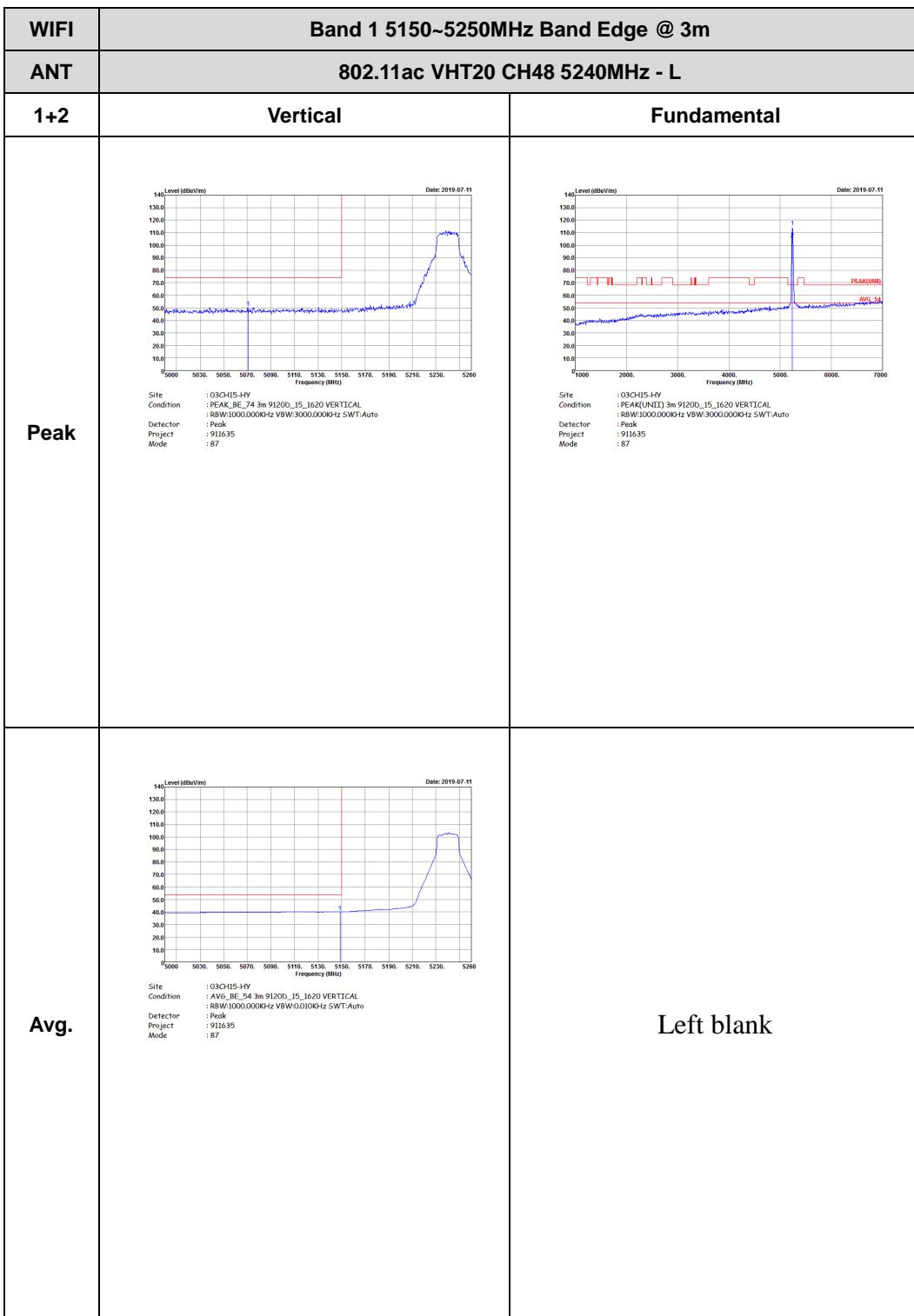
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Date: 2019-07-11</p> <p>Site : 03CH15-HY Condition : PCAK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 86</p>	Left blank
Avg.	<p>Date: 2019-07-11</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911635 Mode : 86</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PCAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 87	 Site : 03CH15-HY Condition : PCAK(HNII) 3m 91200_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 87
Avg.	 Site : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 911635 Mode : 87	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PC4K_BE_74 3m 91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 87	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911635 Mode : 87	Left blank



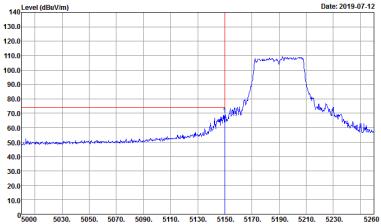
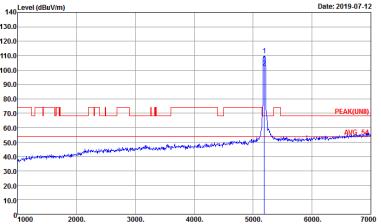
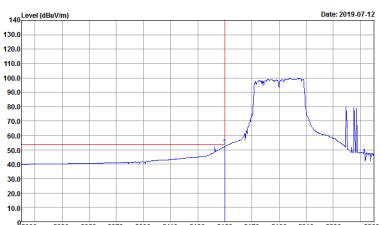


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak	 Date: 2019-07-11 Site : 03CH15-HV Condition : PCAK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 87	Left blank
Avg.	 Date: 2019-07-11 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911635 Mode : 87	Left blank



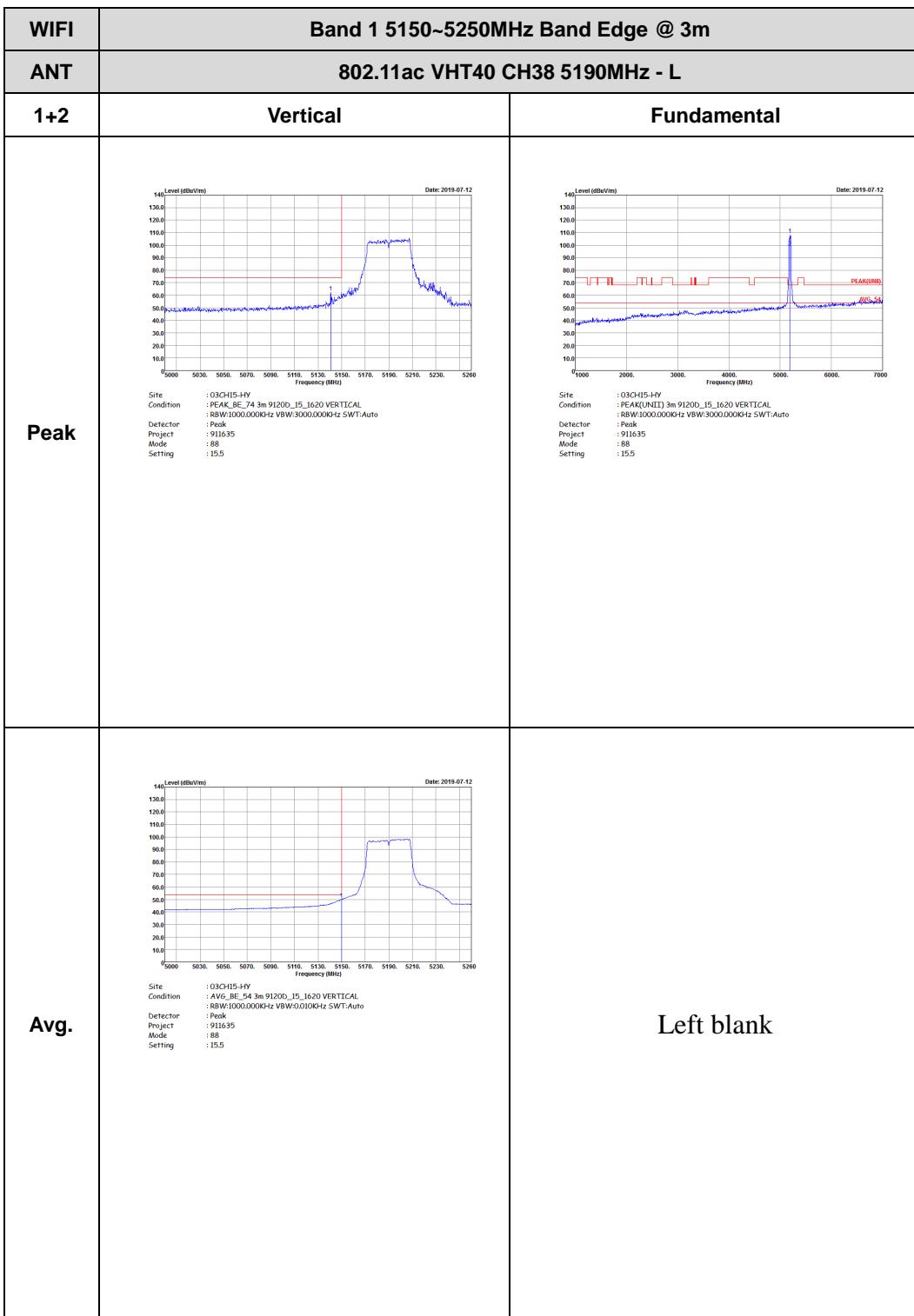
## Band 1 5150~5250MHz

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 : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : BW:1000.000KHz VBW:3000.000Hz SWT:Auto Detector : Peak Project : 911635 Mode : 88 Setting : 15.5</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNI) 3m 9120D_15_1620 HORIZONTAL : BW:1000.000KHz VBW:3000.000Hz SWT:Auto Detector : Peak Project : 911635 Mode : 88 Setting : 15.5</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : BW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 911635 Mode : 88 Setting : 15.5</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HV Condition : PCMK_BE_74 3m 91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 88 Setting : 15.5</p>	Left blank
Avg.	<p>Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911635 Mode : 88 Setting : 15.5</p>	Left blank





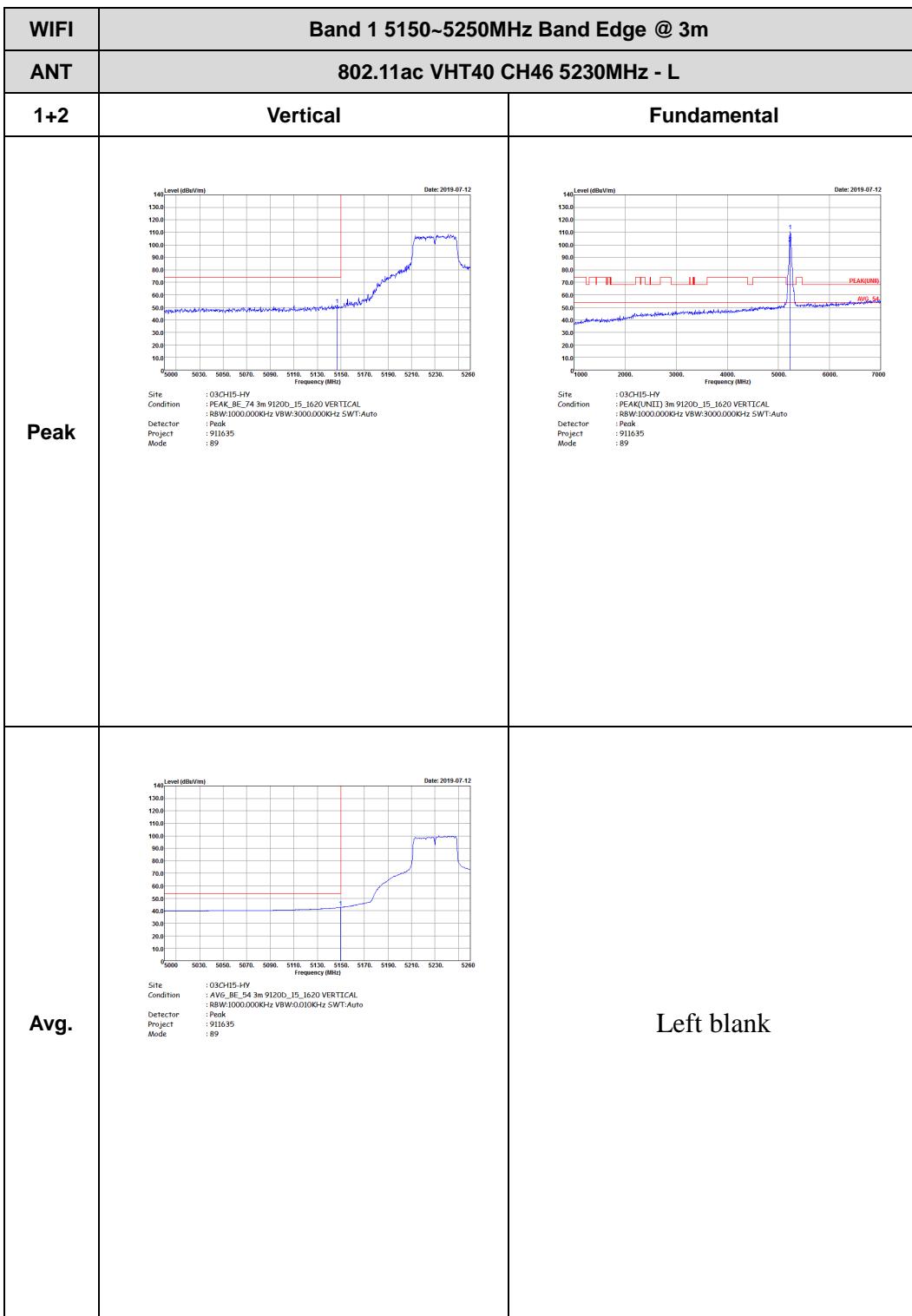
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak	 Date: 2019-07-12 Site : 03CH15-HV Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 88 Setting : 15.5	Left blank
Avg.	 Date: 2019-07-12 Site : AVG_BE_54 3m 91200_I5_1620 VERTICAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 911635 Mode : 88 Setting : 15.5	Left blank



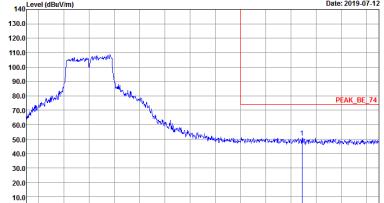
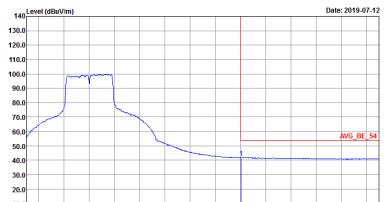
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PCAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 89	 Site : 03CH15-HY Condition : PCAK(HNII) 3m 91200_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 89
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911635 Mode : 89	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1+2	Horizontal	Fundamental
Peak	 Date: 2019-07-12 Site : 03CH15-HY Condition : PCAC_BE_74 3m 91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 89 Frequency (MHz) 5180 5210 5230 5250 5270 5290 5310 5330 5350 5370 5390 5410 5430 5460 Level (dBmV/m) 140.0 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0.0	Left blank
Avg.	 Date: 2019-07-12 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911635 Mode : 89 Frequency (MHz) 5180 5210 5230 5250 5270 5290 5310 5330 5350 5370 5390 5410 5430 5460 Level (dBmV/m) 140.0 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0.0	Left blank



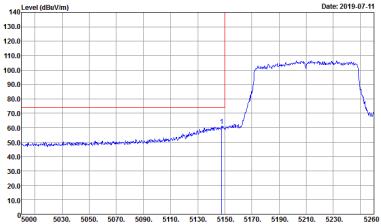
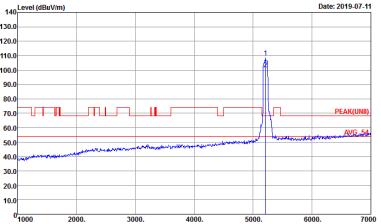
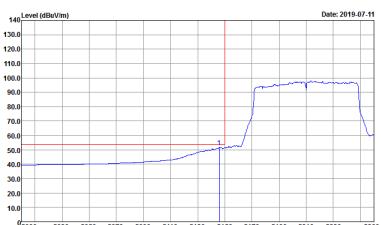


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-07-12</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 89</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-07-12</p> <p>Site : AVG_BE_54 3m 91200_I5_1620 VERTICAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 911635 Mode : 89</p>	Left blank



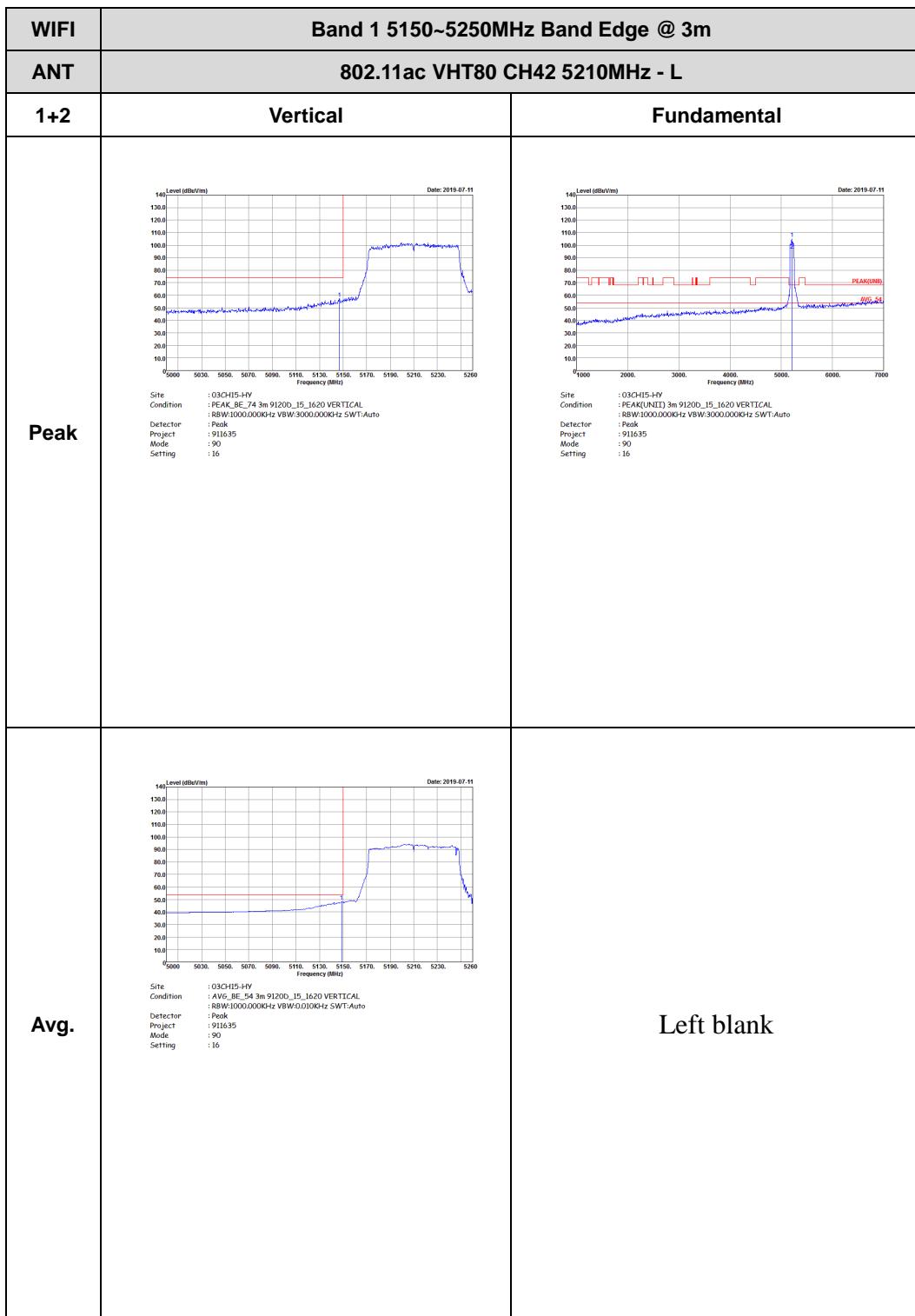
## Band 1 5150~5250MHz

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 : 03CH15-HY Condition : PEAK(BE_74_3m_9120D_15_1620_HORIZONTAL : BW:1000.000KHz VBW:3000.000Hz SWT:Auto Detector : Peak Project : 911635 Mode : 90 Setting : 16</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNI) 3m_9120D_15_1620_HORIZONTAL : BW:1000.000KHz VBW:3000.000Hz SWT:Auto Detector : Peak Project : 911635 Mode : 90 Setting : 16</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54_3m_9120D_15_1620_HORIZONTAL : BW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 911635 Mode : 90 Setting : 16</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak	 Date: 2019-07-11 Site : 03CH15-HV Condition : PCAK_BE_74 3m 91200_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 90 Setting : 16	Left blank
Avg.	 Date: 2019-07-11 Site : AVG_BE_54 3m 91200_I5_1620 HORIZONTAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 911635 Mode : 90 Setting : 16	Left blank



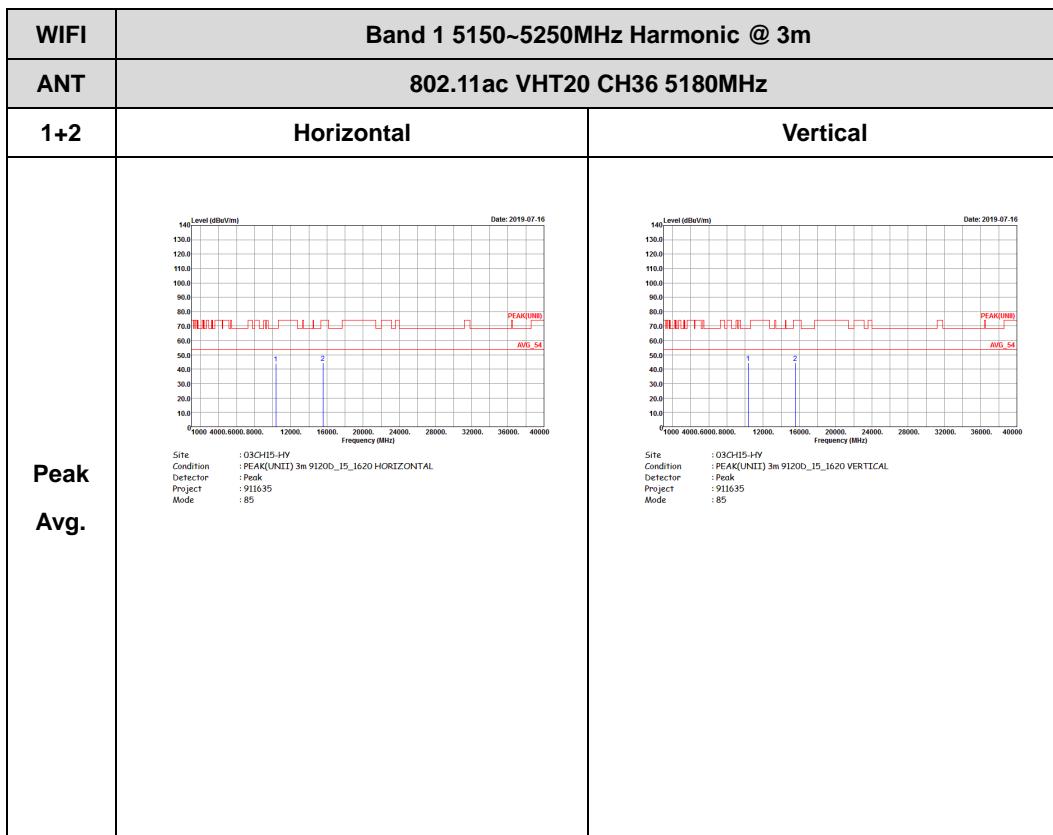


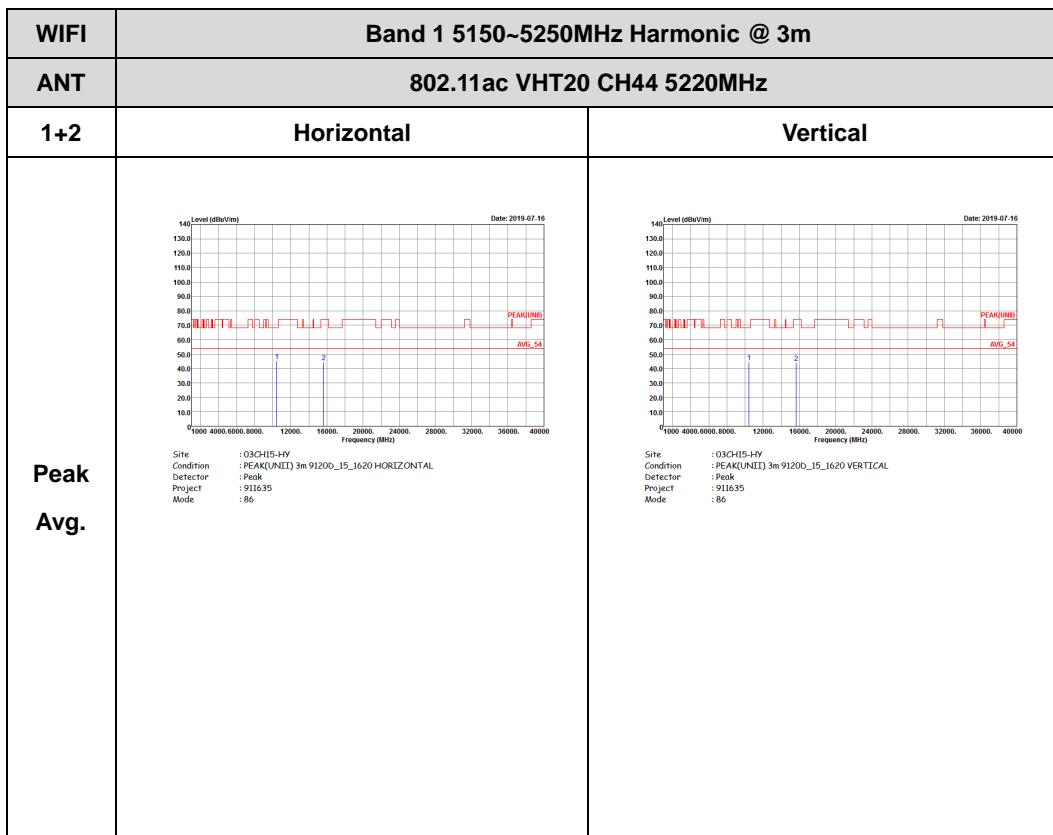
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PCAC_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 90 Setting : 16</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911635 Mode : 90 Setting : 16</p>	Left blank

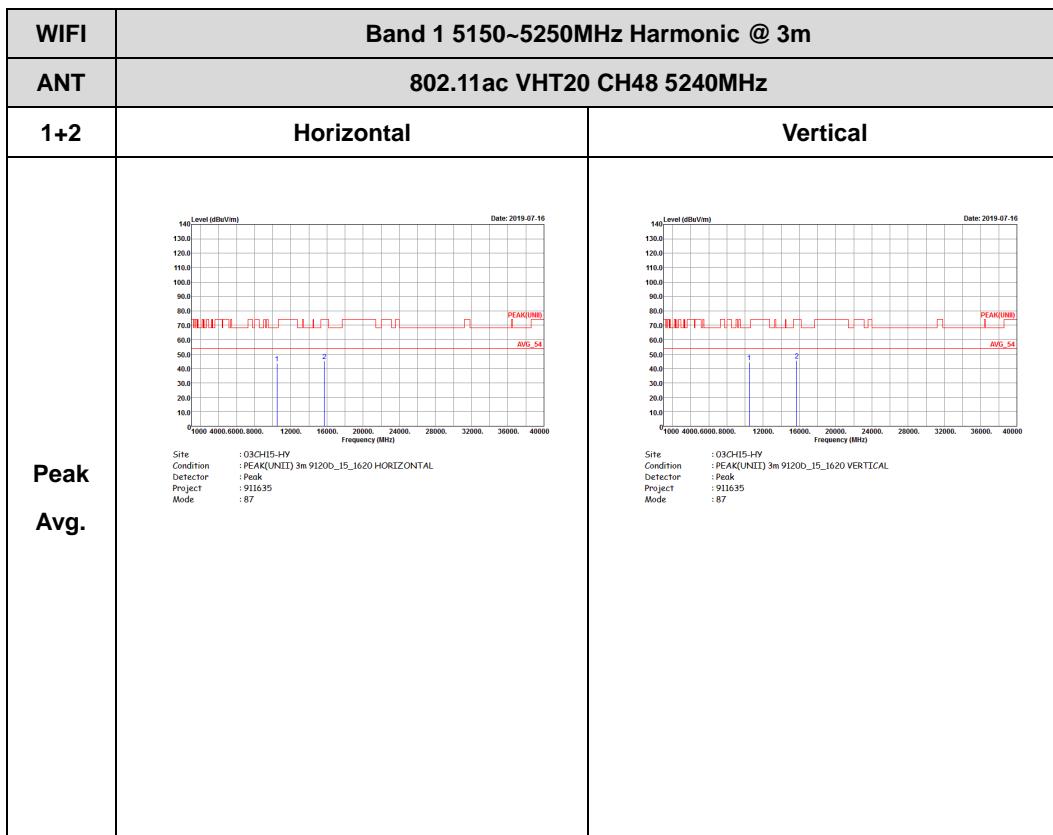


## Band 1 - 5150~5250MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

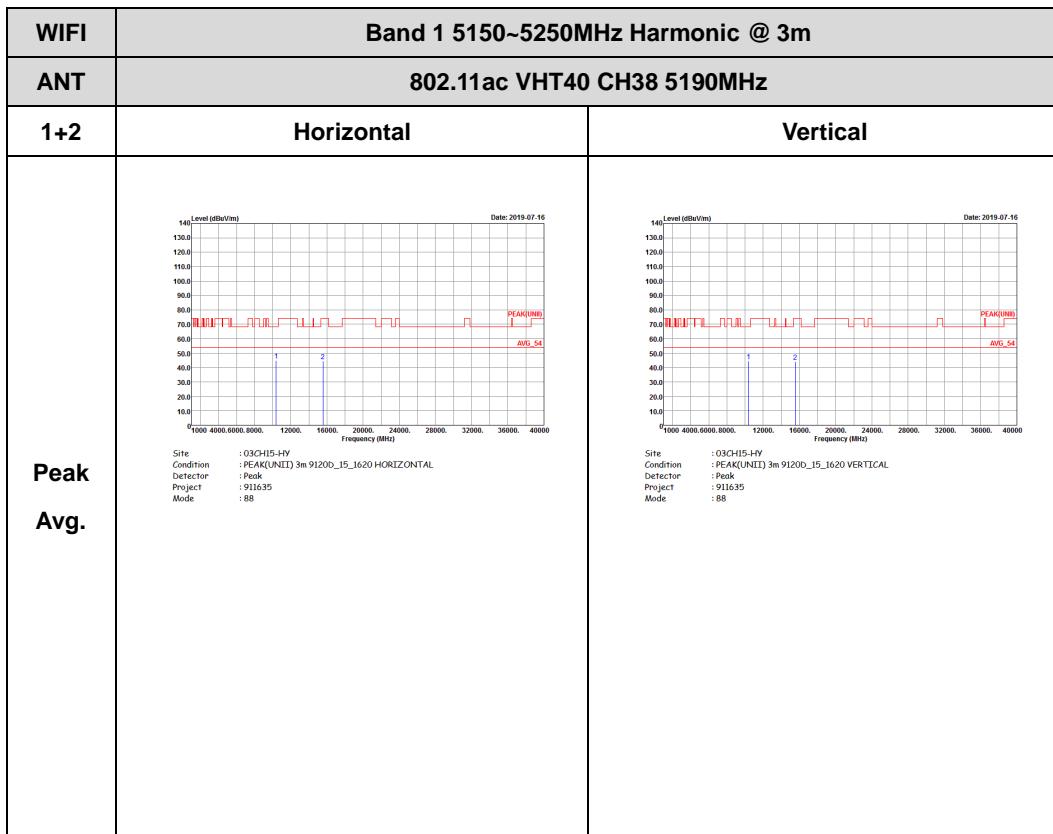


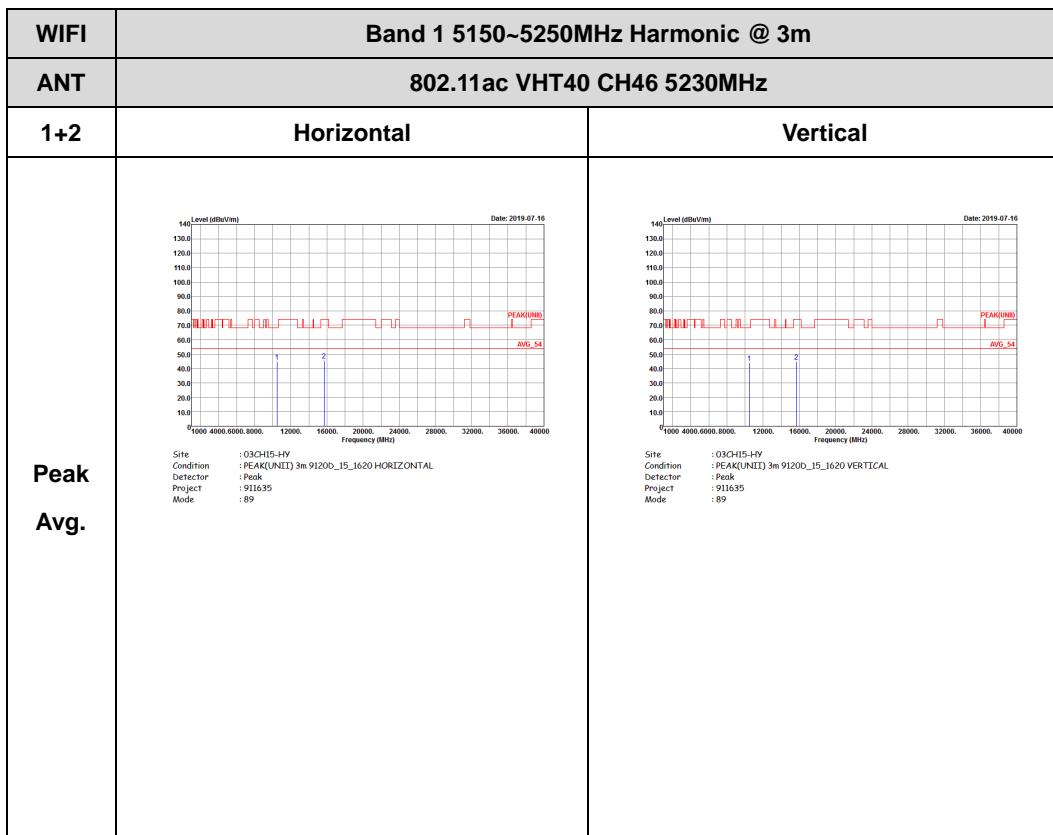






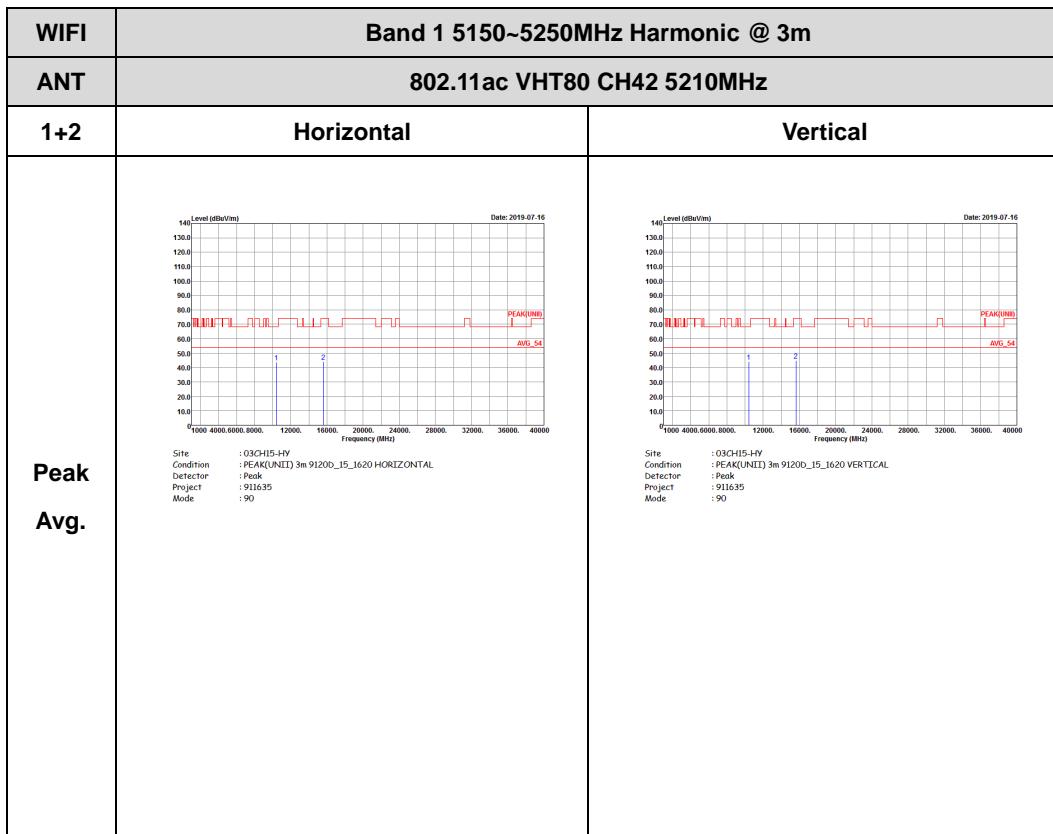
**Band 1 5150~5250MHz**  
**WIFI 802.11ac VHT40 (Harmonic @ 3m)**







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



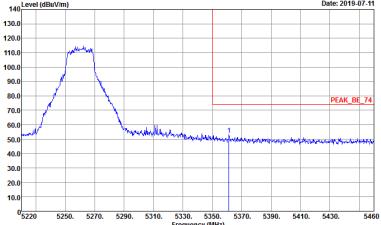
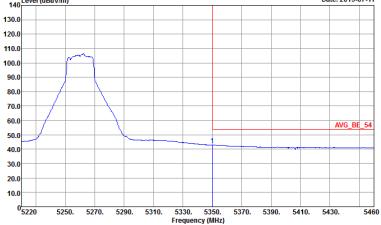


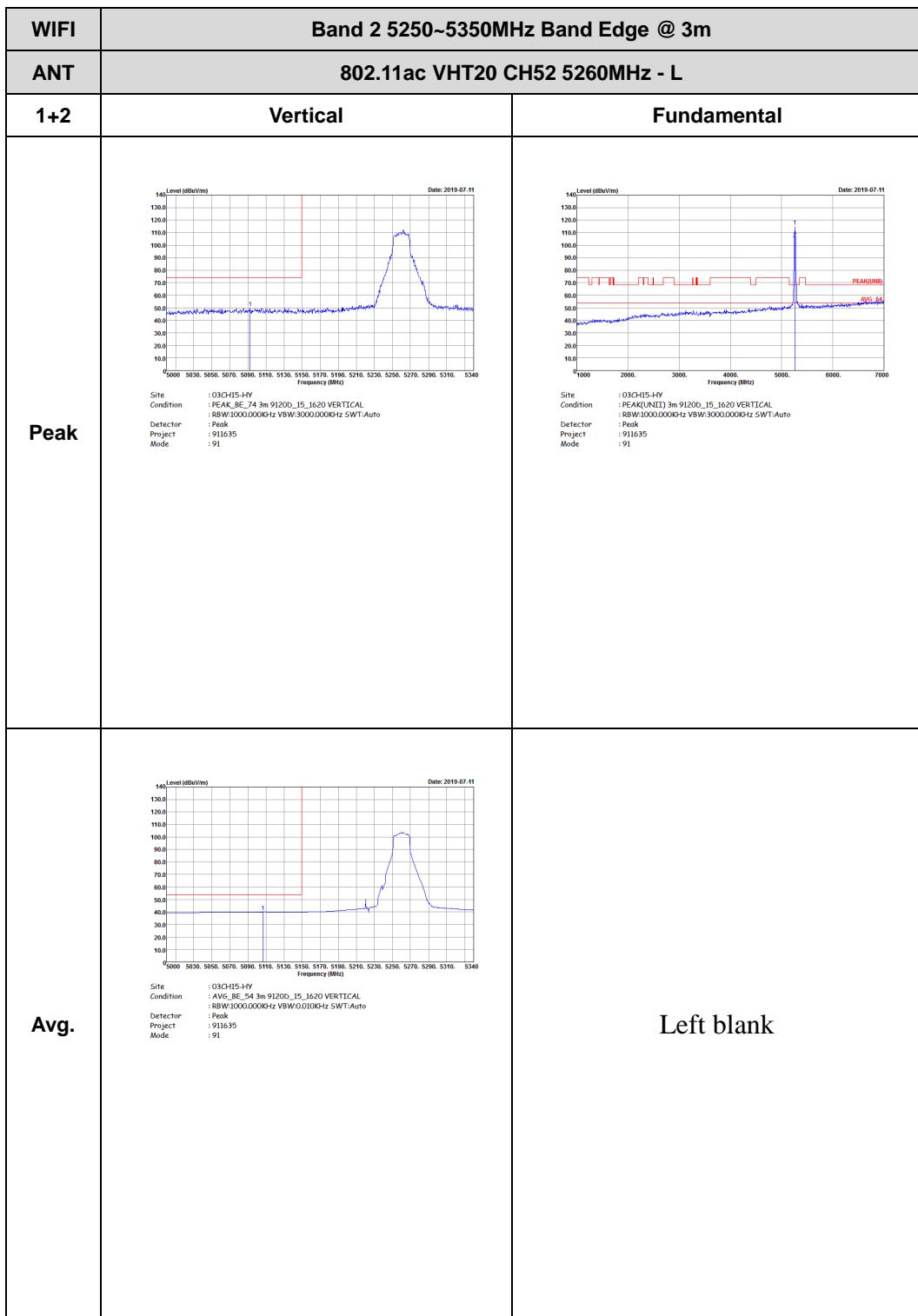
## Band 2 - 5250~5350MHz

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

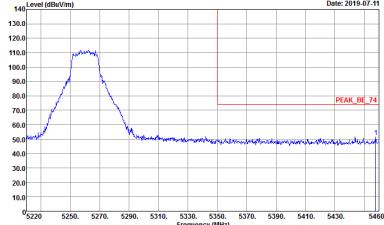
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 91	 Site : 03CH15-HY Condition : PEAK(BE) 3m 9120D_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 91
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911635 Mode : 91	Left blank

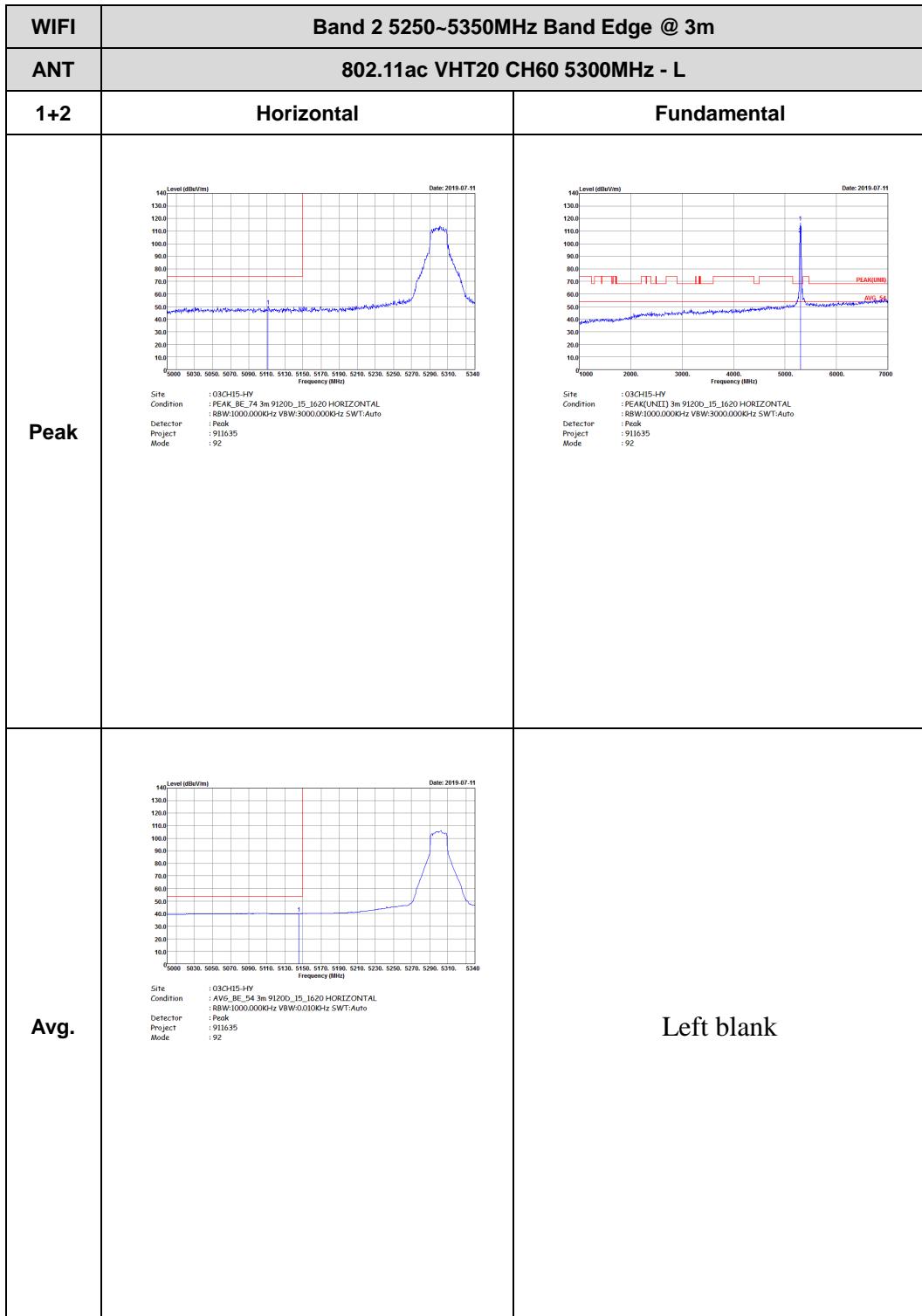


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-07-11</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 91</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-07-11</p> <p>Frequency (MHz)</p> <p>Site : AVG_BE_54 3m 91200_I5_1620_HORIZONTAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 911635 Mode : 91</p>	Left blank

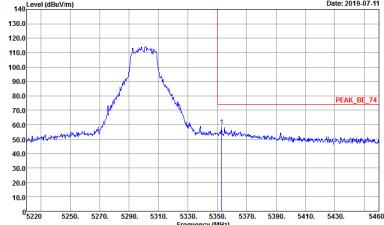
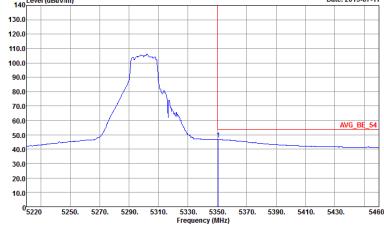




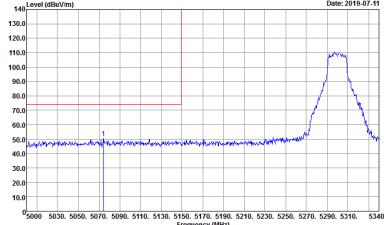
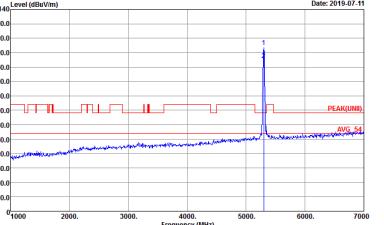
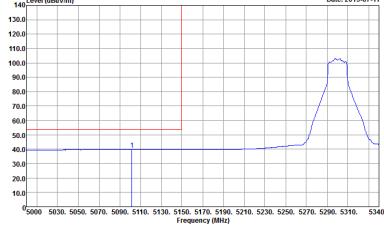
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-07-11</p> <p>Site : 03CH15-HY Condition : PCAC_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWF:Auto Project : 911635 Mode : 91</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-07-11</p> <p>Site : AVG_BE_54 3m 91200_I5_1620 VERTICAL Condition : R8W:1000.000KHz VBW:0.010KHz SWF:Auto Detector : Peak Project : 911635 Mode : 91</p>	Left blank



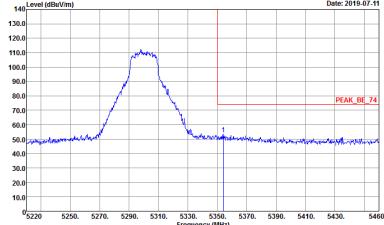
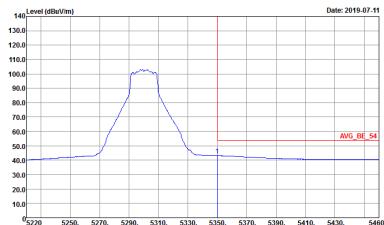


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-07-11</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 92</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-07-11</p> <p>Frequency (MHz)</p> <p>Site : AVG_BE_54 3m 91200_I5_1620_HORIZONTAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 911635 Mode : 92</p>	Left blank

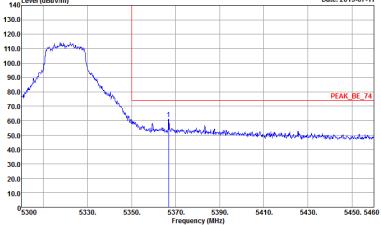
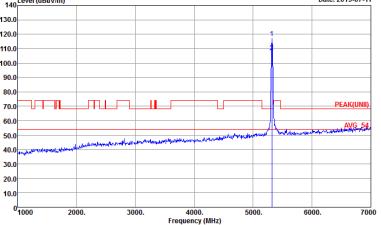
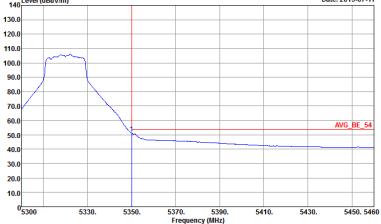


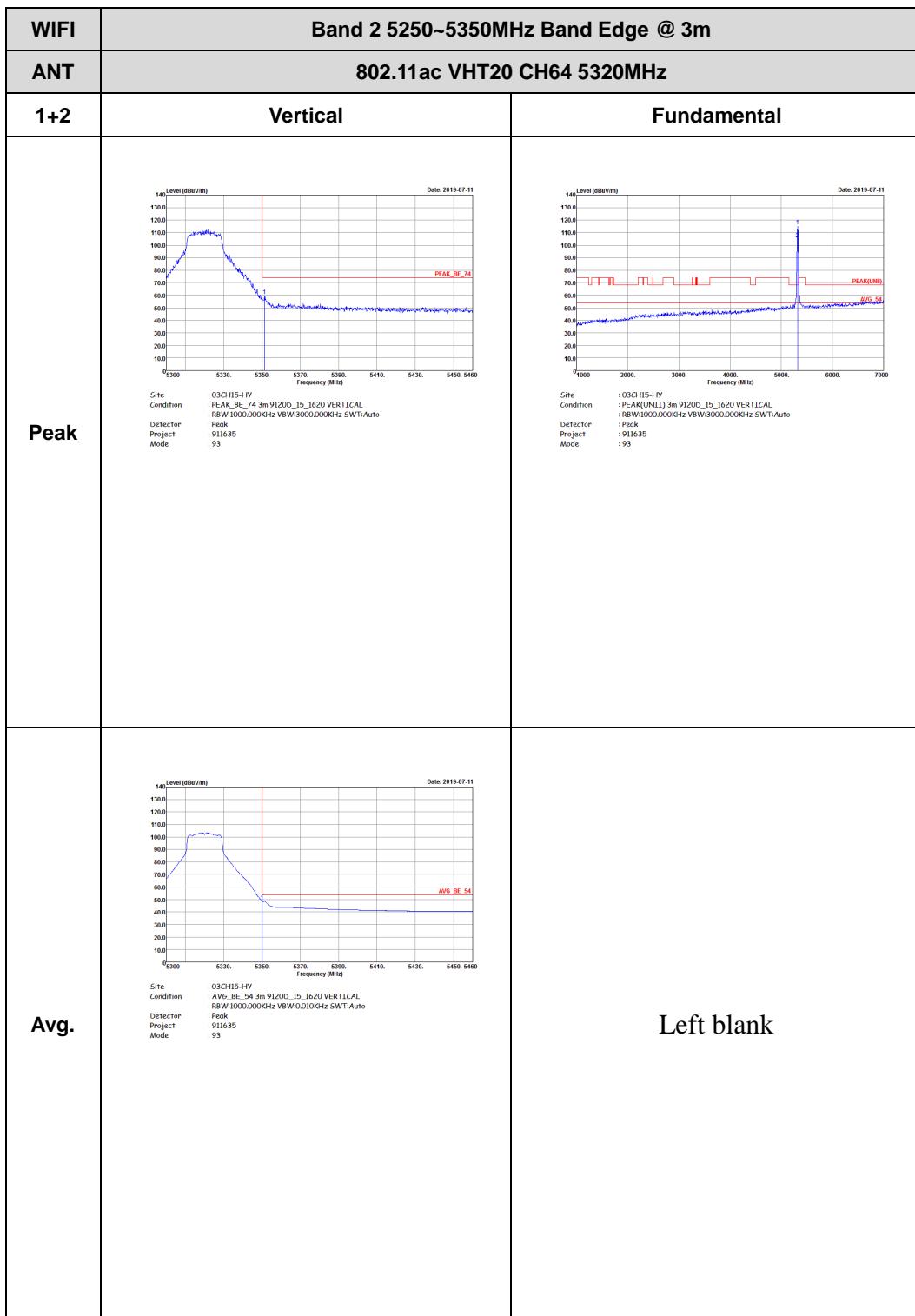
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PCAK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : :92</p>	 <p>Site : 03CH15-HY Condition : PCAK(BE)I 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : :92</p>
Avg.	 <p>Site : AVG_BE_54 3m 91200_I5_1620 VERTICAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 911635 Mode : :92</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: 2019-07-11</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 92</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-07-11</p> <p>Frequency (MHz)</p> <p>Site : AVG_BE_54 3m 91200_I5_1620 VERTICAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 911635 Mode : 92</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000Hz SWT:Auto Detector : Peak Project : 911635 Mode : 93</p>	 <p>Site : 03CH15-HY Condition : PEAK(FUND) 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000Hz SWT:Auto Detector : Peak Project : 911635 Mode : 93</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000Hz SWT:Auto Detector : Peak Project : 911635 Mode : 93</p>	Left blank



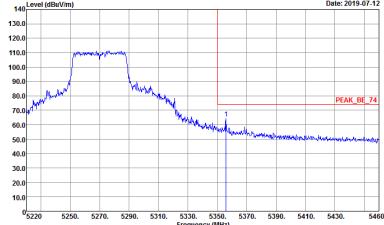
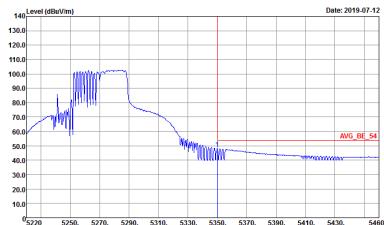


## Band 2 5250~5350MHz

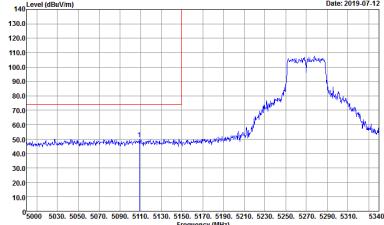
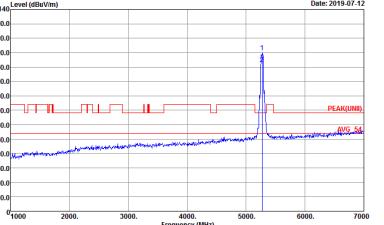
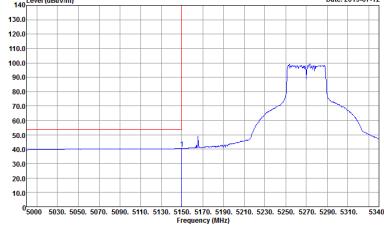
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911635 Mode : :94	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911635 Mode : :94
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 911635 Mode : :94	Left blank



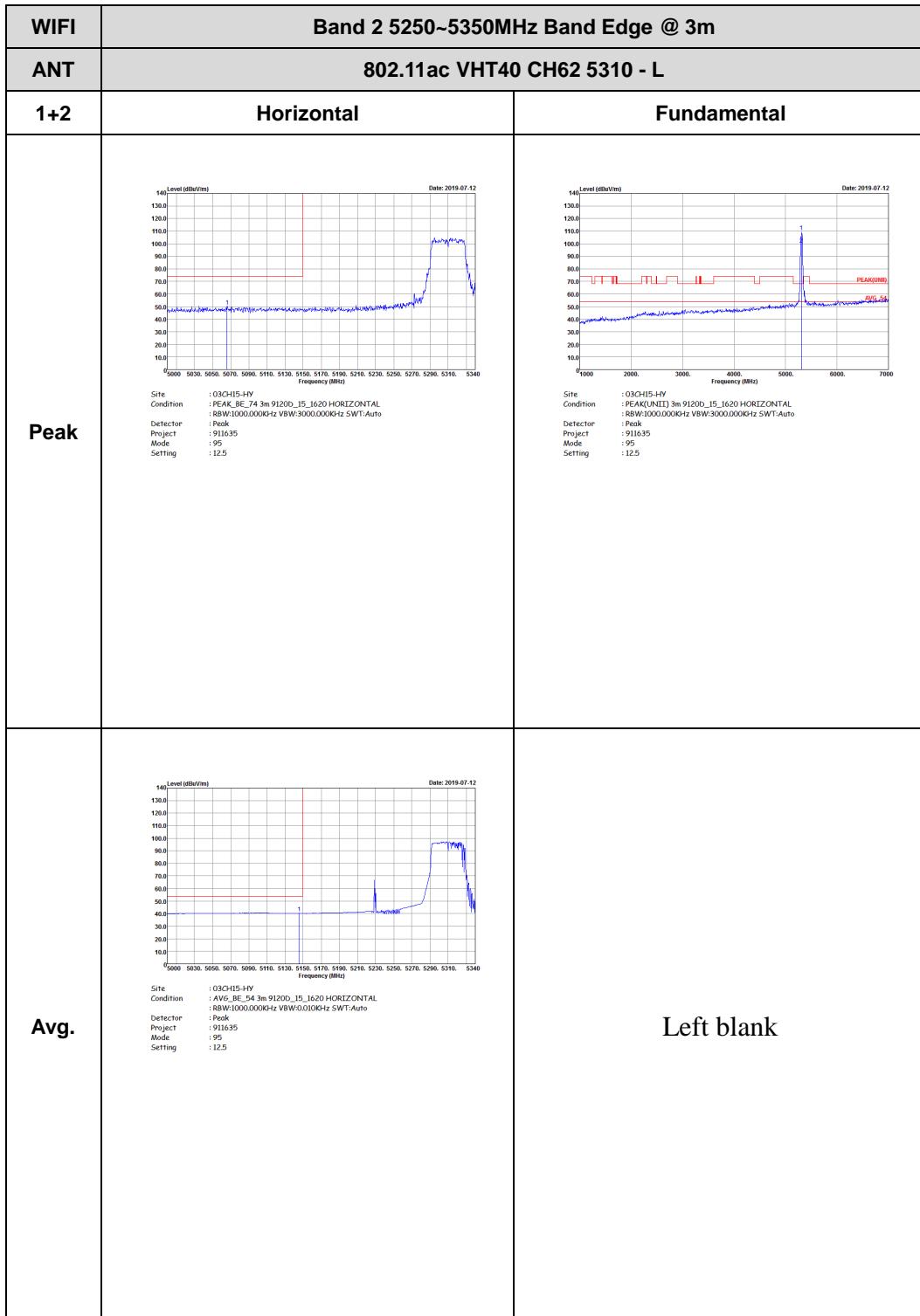
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - R	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-07-12</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : PCAK_BE_74 3m 91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 911635</p> <p>PEAK_BE_74</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-07-12</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Mode : 911635</p> <p>AVG_BE_54</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - L	
1+2	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PCAKC_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : :94</p>	 <p>Site : 03CH15-HY Condition : PCAKC(BNII) 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : :94</p>
Avg.	 <p>Site : AVG_BE_54 3m 91200_I5_1620 VERTICAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 911635 Mode : :94</p>	Left blank

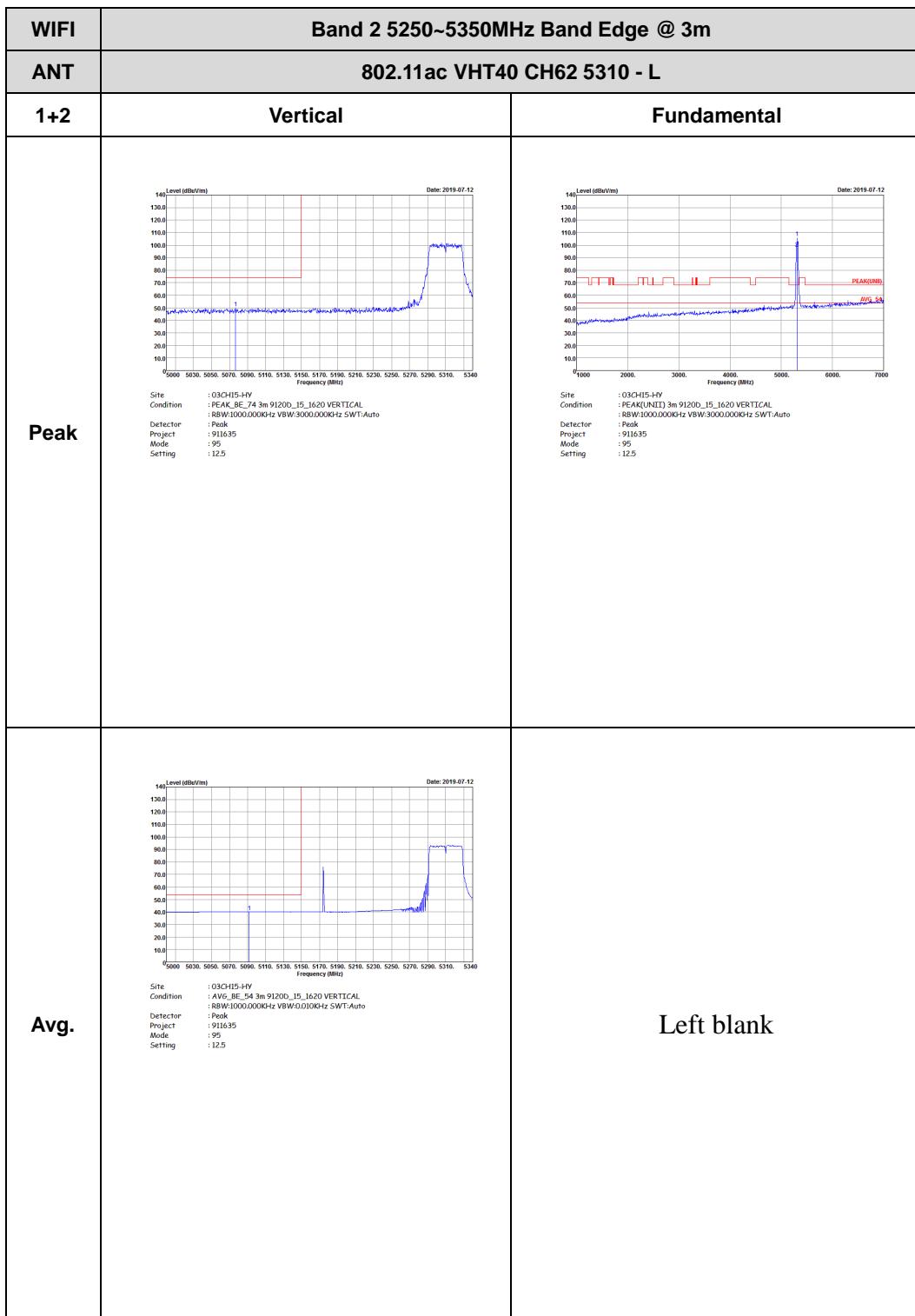


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 94	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911635 Mode : 94	Left blank

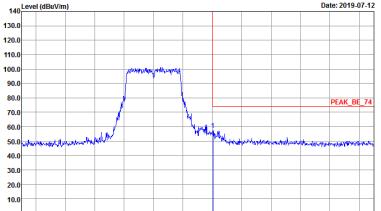
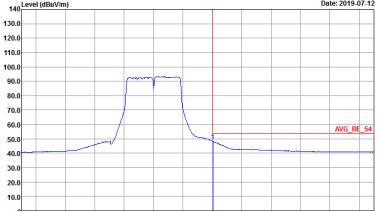




WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBmV/m)</p> <p>Date: 2019-07-12</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 911635 Setting : 12.5</p>	Left blank
Avg.	<p>Level (dBmV/m)</p> <p>Date: 2019-07-12</p> <p>Frequency (MHz)</p> <p>Site : AVG_BE_54 3m 91200_I5_1620_HORIZONTAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 911635 Mode : SP Setting : 12.5</p>	Left blank





WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - R	
1+2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m) vs Frequency (MHz) Date: 2019-07-12 Site: 03CH15-HY Condition: PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector: R8W1000.000KHz VBW:3000.000KHz SWF:Auto Project: 911635 Mode: 95 Setting: 12.5</p>	Left blank
Avg.	 <p>Level (dBmV/m) vs Frequency (MHz) Date: 2019-07-12 Site: 03CH15-HY Condition: AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector: R8W1000.000KHz VBW:0.010KHz SWF:Auto Project: 911635 Mode: SP Setting: 12.5</p>	Left blank

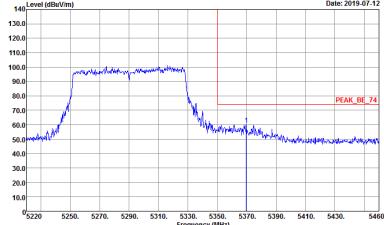
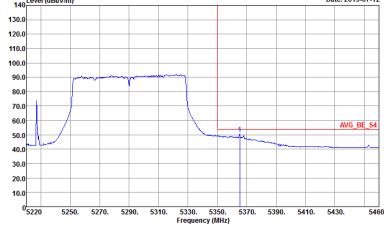


## Band 2 5250~5350MHz

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	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : BW:1000.000kHz VBW:3000.000Hz SWT:Auto Detector : Peak Project : 911635 Mode : 96 Setting : 10.5	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 9120D_15_1620 HORIZONTAL : BW:1000.000kHz VBW:3000.000Hz SWT:Auto Detector : Peak Project : 911635 Mode : 96 Setting : 10.5
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : BW:1000.000kHz VBW:0.0100Hz SWT:Auto Detector : Peak Project : 911635 Mode : 96 Setting : 10.5	Left blank

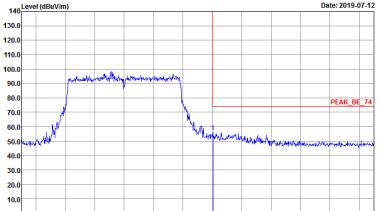
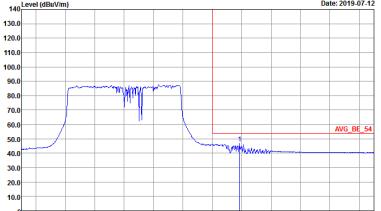


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m) vs Frequency (MHz) from 5220 to 5460. The plot shows a sharp peak labeled 'PEAK_BE_74' at approximately 5290 MHz. The y-axis ranges from 10.0 to 140.0 dBmV/m. The x-axis ranges from 5220 to 5460 MHz. The plot is dated 2019-07-12.</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 96 Setting : 10.5</p>	Left blank
Avg.	 <p>Level (dBmV/m) vs Frequency (MHz) from 5220 to 5460. The plot shows a broad average level labeled 'AVG_BE_54' centered around 5290 MHz. The y-axis ranges from 10.0 to 140.0 dBmV/m. The x-axis ranges from 5220 to 5460 MHz. The plot is dated 2019-07-12.</p> <p>Site : AVG_BE_54 3m 91200_I5_1620_HORIZONTAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 911635 Mode : 96 Setting : 10.5</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PCAK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 96 Setting : 10.5	 Site : 03CH15-HY Condition : PCAK(BE)I 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : 96 Setting : 10.5
Avg.	 Site : AVG_BE_54 3m 91200_I5_1620 VERTICAL Condition : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 911635 Mode : 96 Setting : 10.5	Left blank

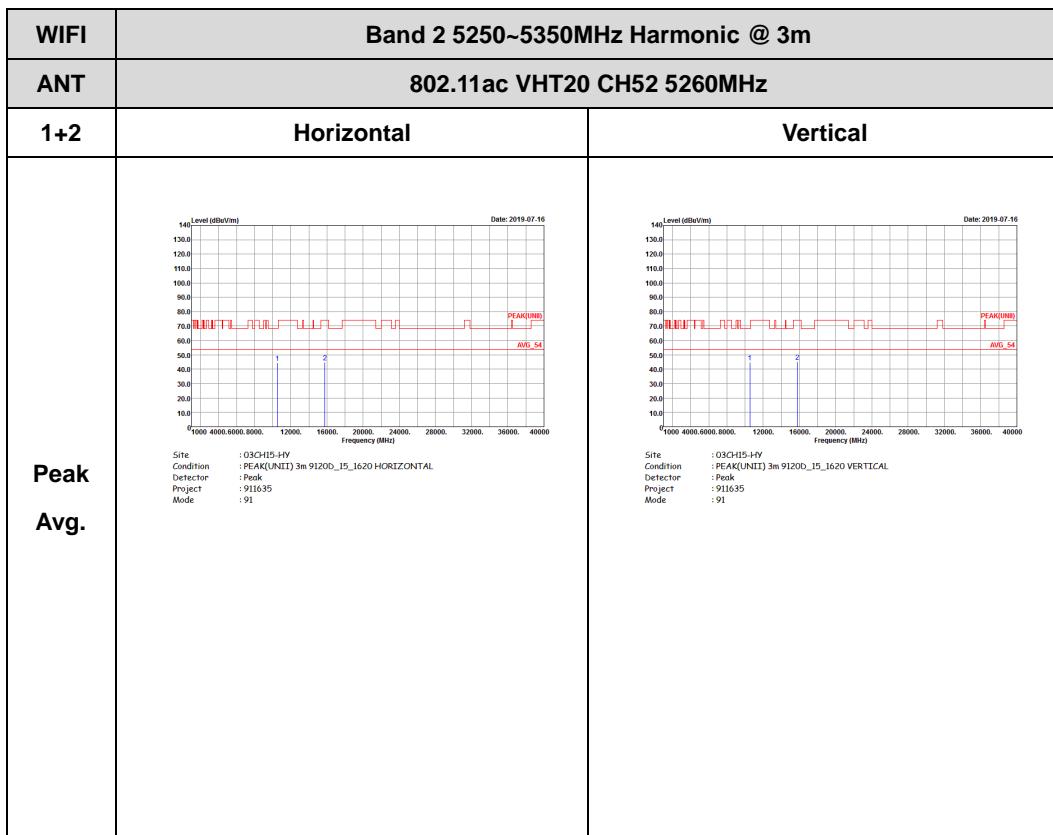


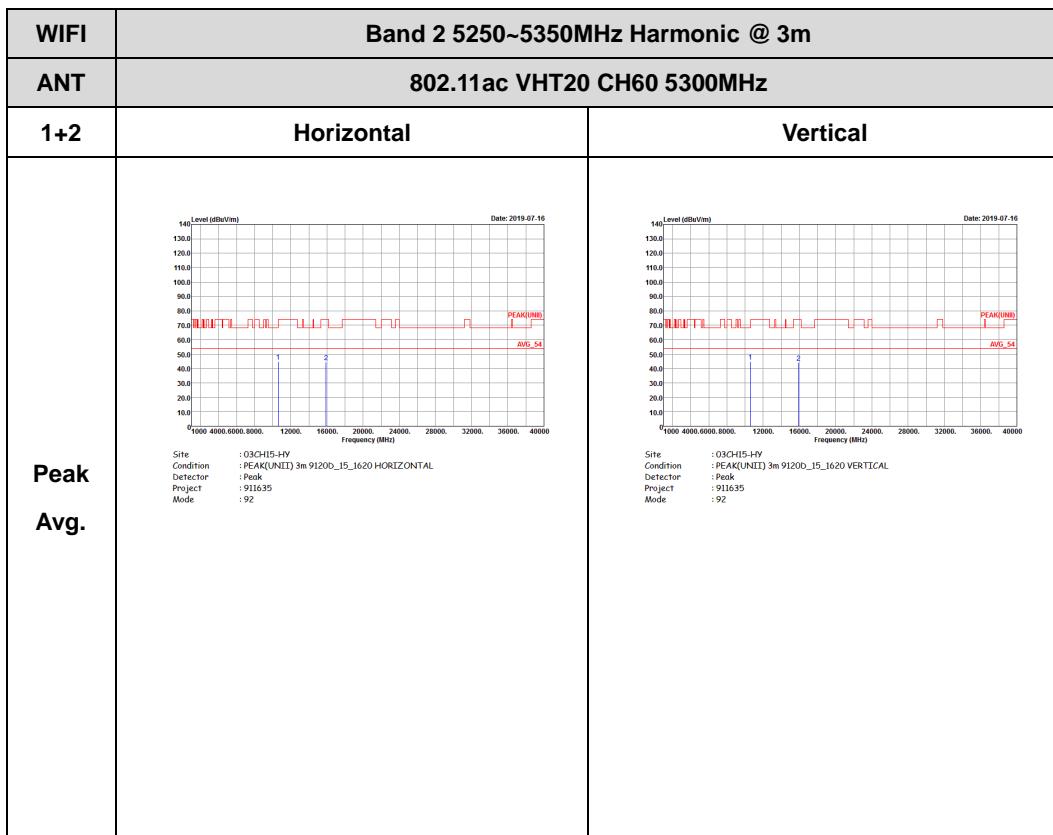
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m) vs Frequency (MHz) Date: 2019-07-12 Site: 03CH15-HY Condition: PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector: R8W:1000.000KHz VBW:3000.000KHz SWF:Auto Project: 911635 Mode: 96 Setting: 10.5</p>	Left blank
Avg.	 <p>Level (dBmV/m) vs Frequency (MHz) Date: 2019-07-12 Site: 03CH15-HY Condition: AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector: R8W:1000.000KHz VBW:0.010KHz SWF:Auto Project: 911635 Mode: 96 Setting: 10.5</p>	Left blank

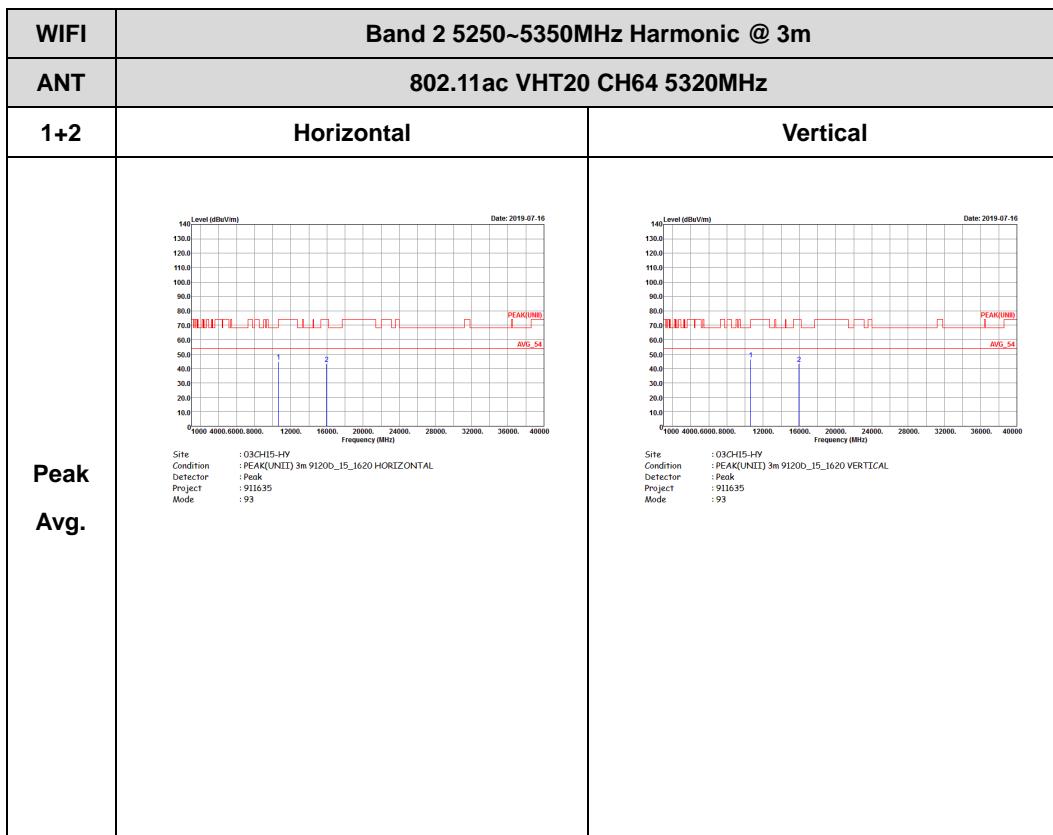


## Band 2 - 5250~5350MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

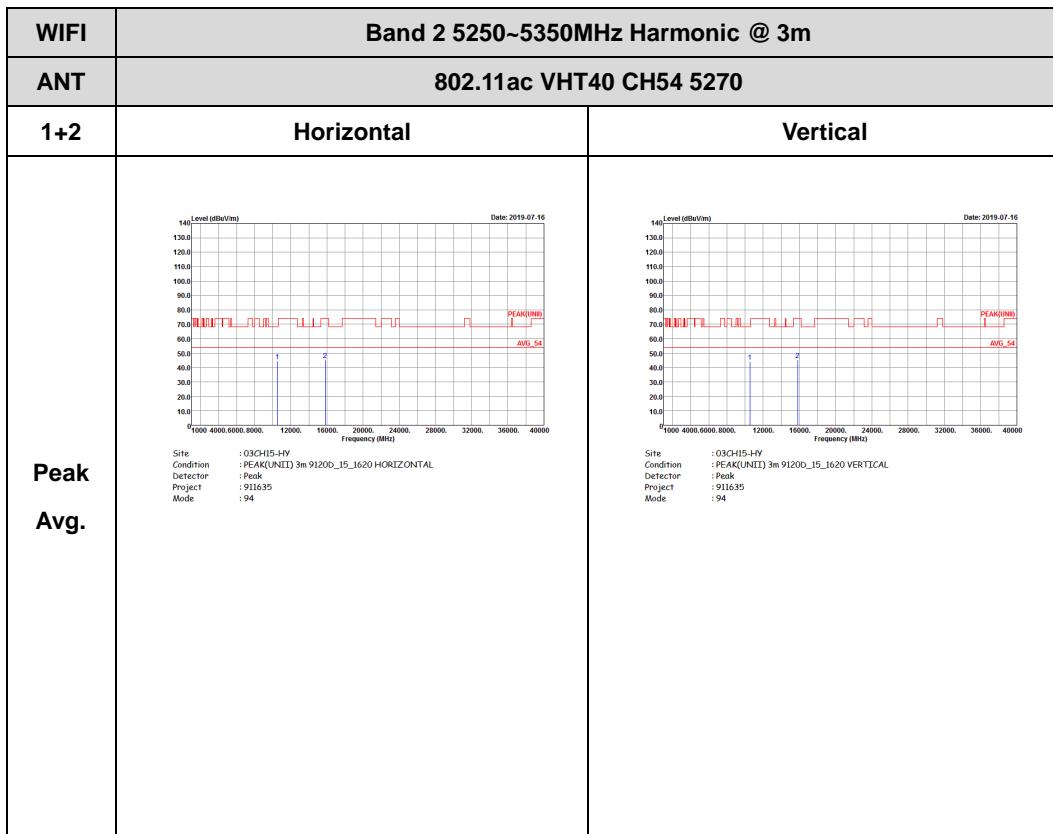


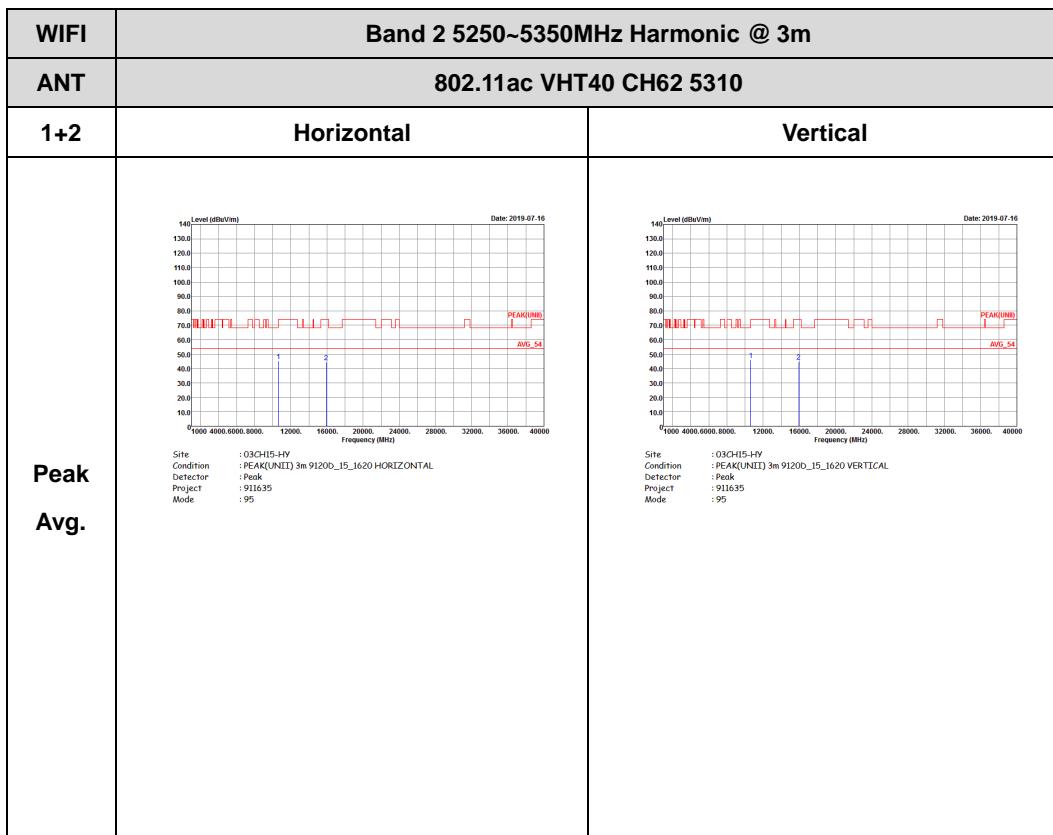






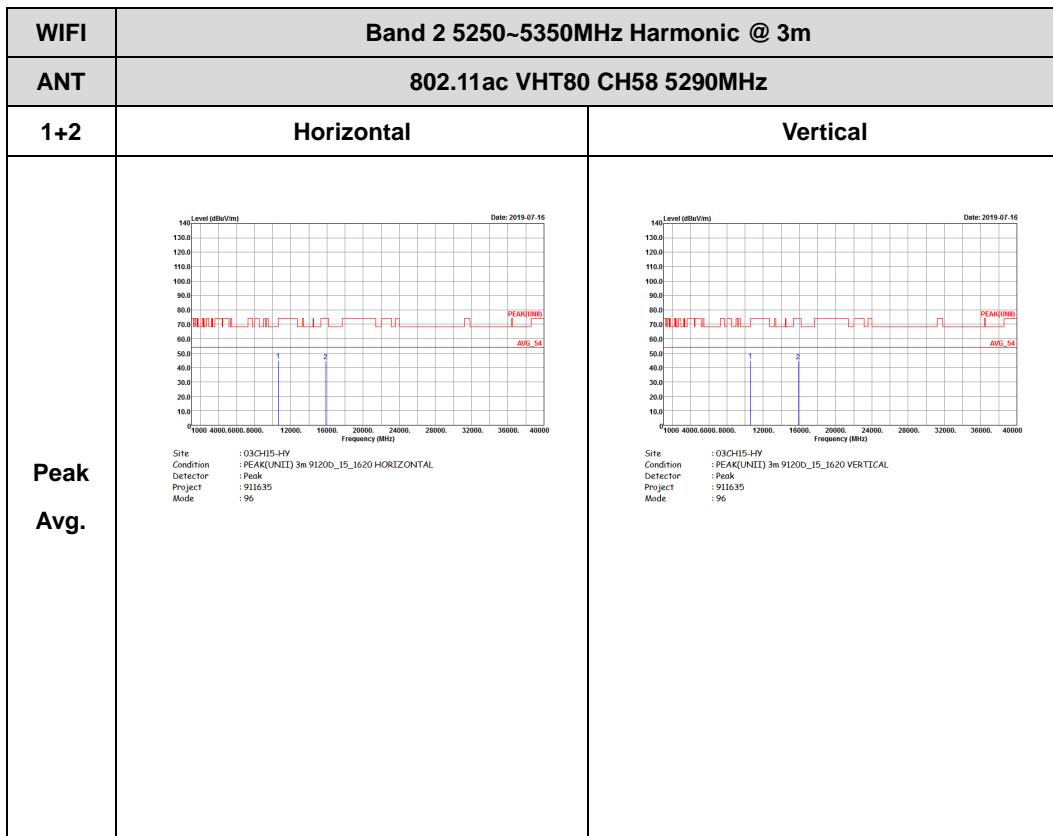
**Band 2 5250~5350MHz**  
**WIFI 802.11ac VHT40 (Harmonic @ 3m)**







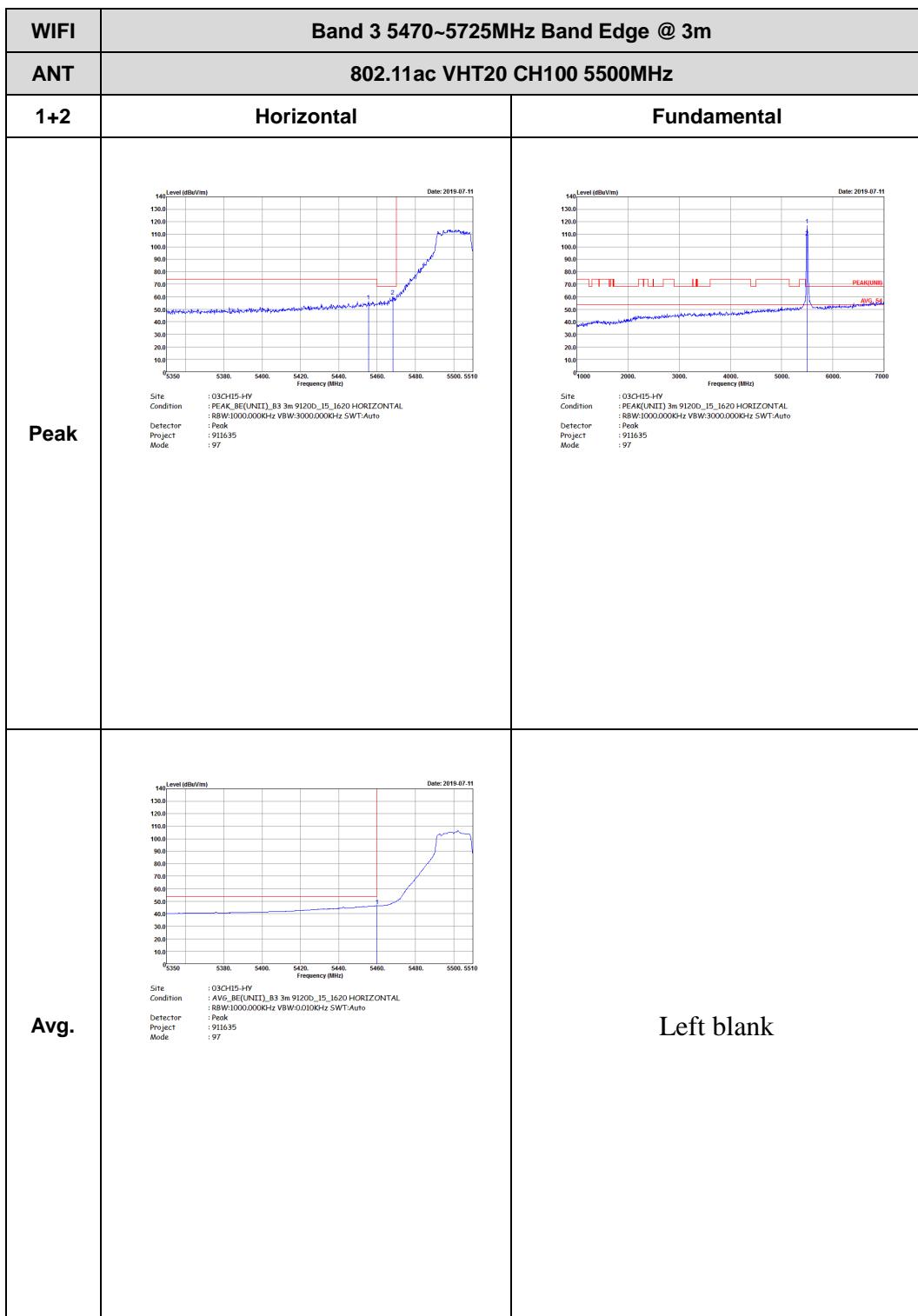
**Band 2 5250~5350MHz**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**

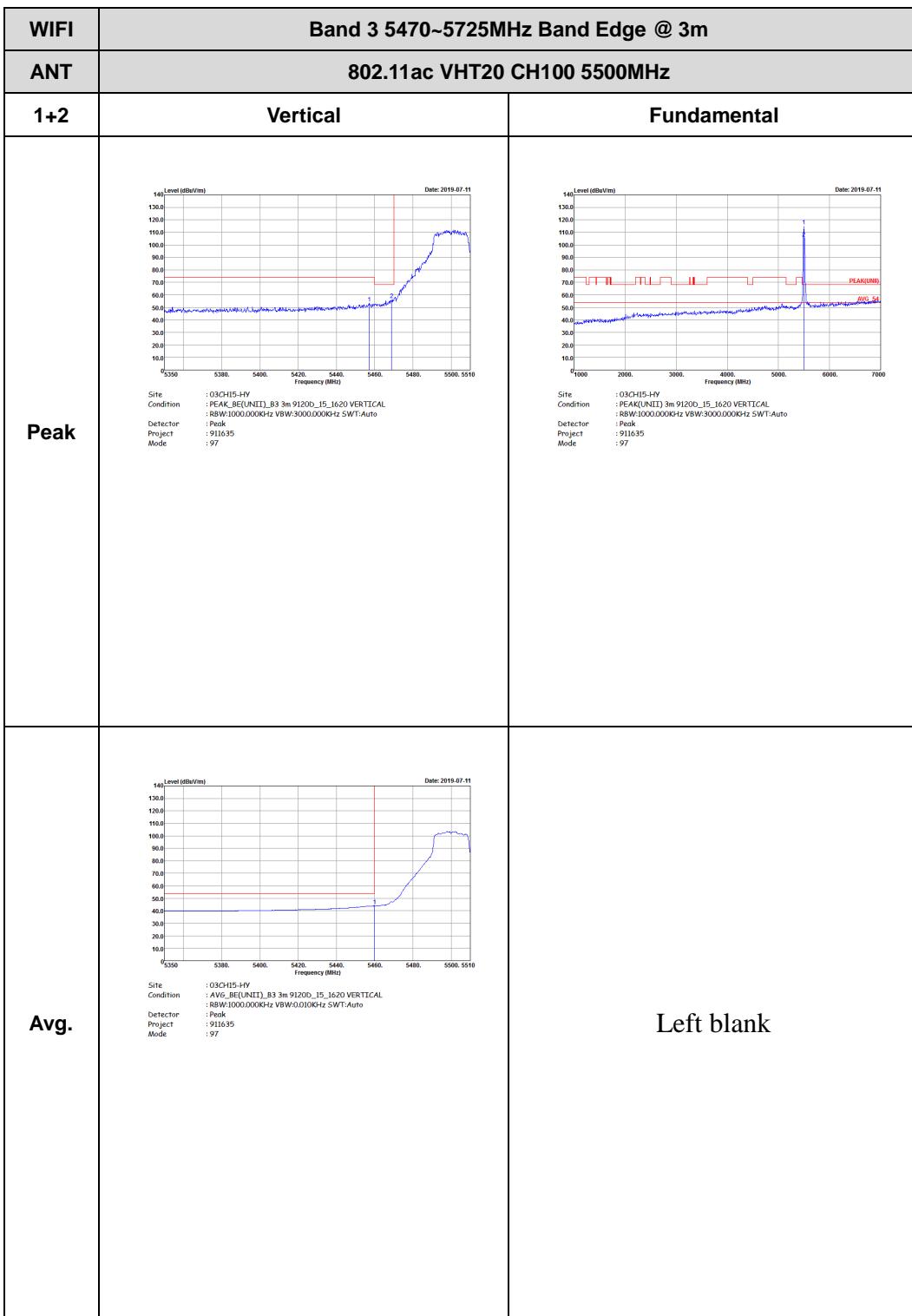


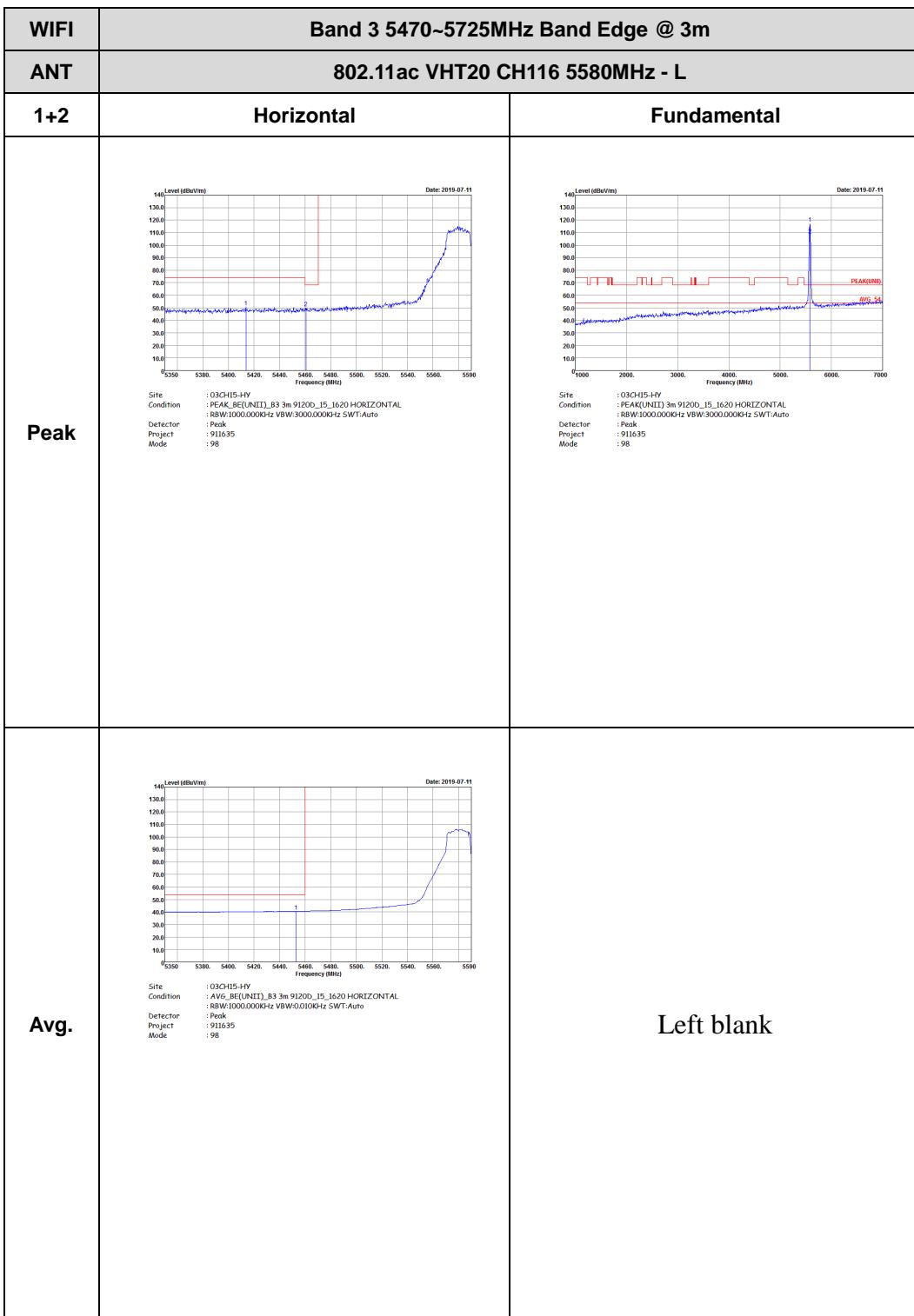


## Band 3 - 5470~5725MHz

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

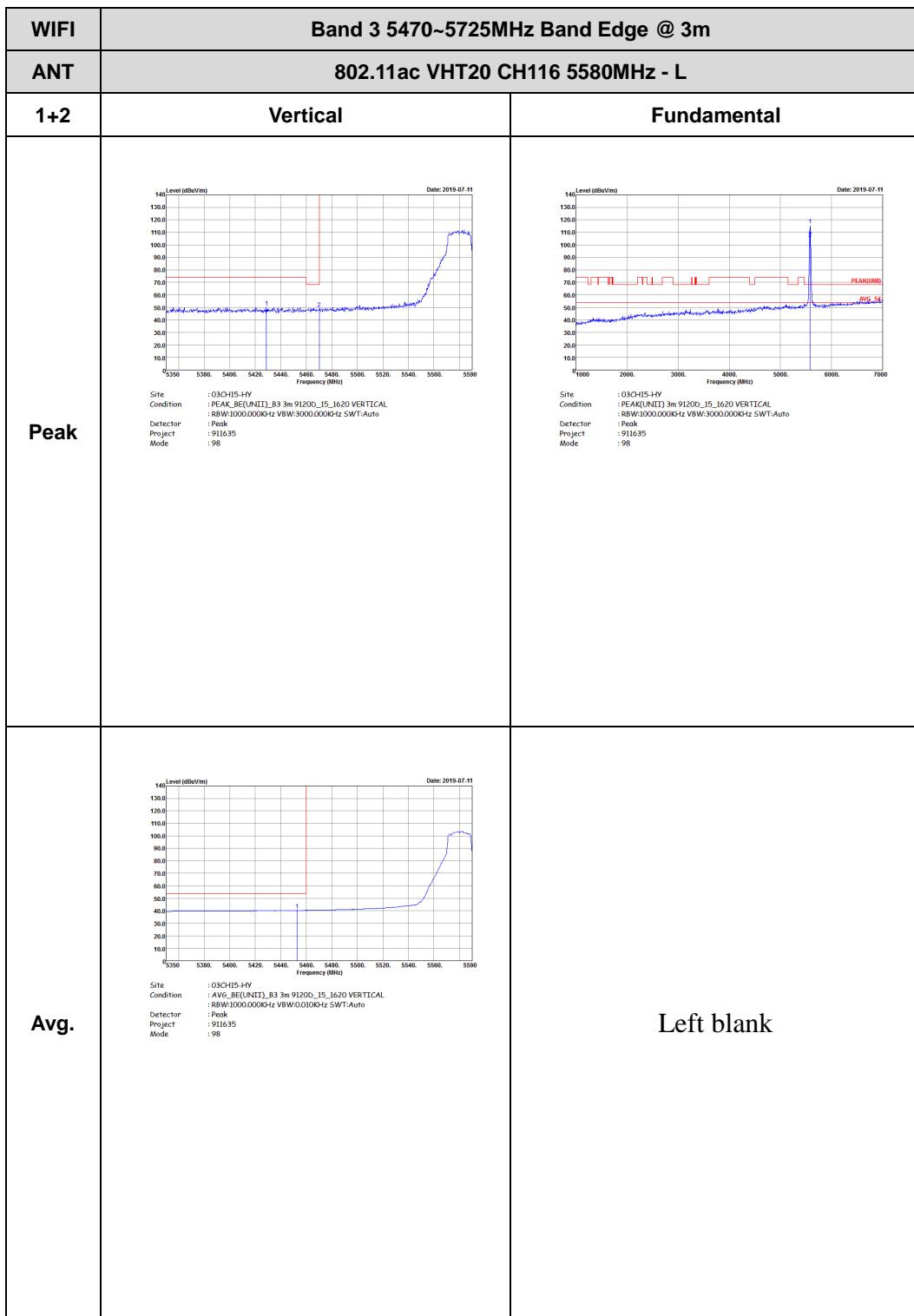






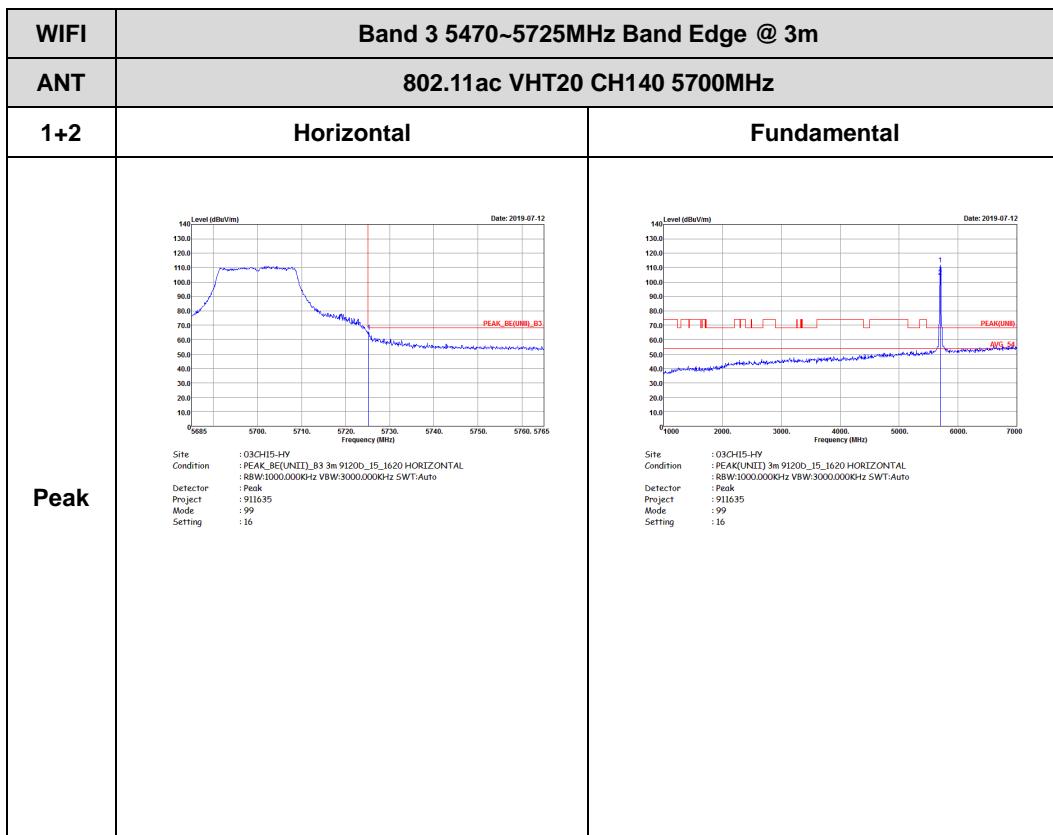


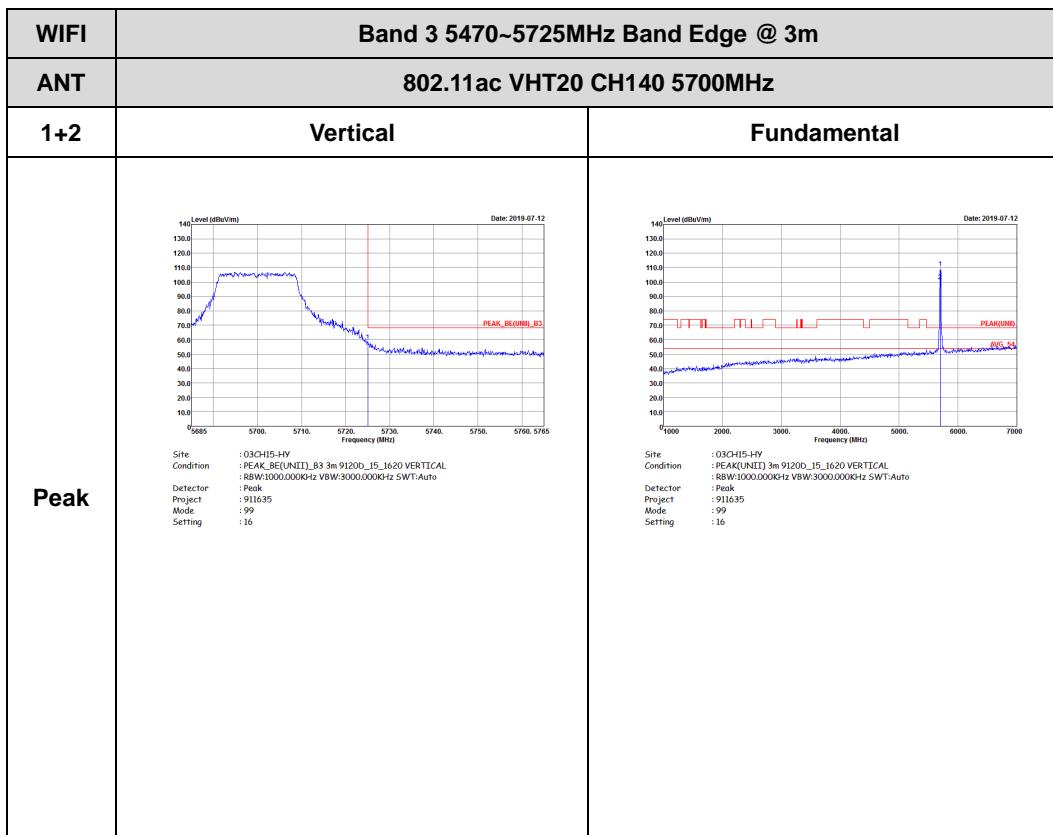
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBm/Hz) Date: 2019-07-11 Frequency (MHz) PEAK_BE(dBm)_ED</p> <p>Site : 03CH15-HV Condition : PCAC_BE(UNID), B3 3m 91200_15_1620 HORIZONTAL Detector : 18MHz0000000Hz VSW-3000.00000Hz SWT:Auto Project : Peak Mode : 911635 Mode : 98</p>	Left blank





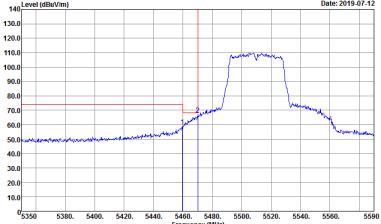
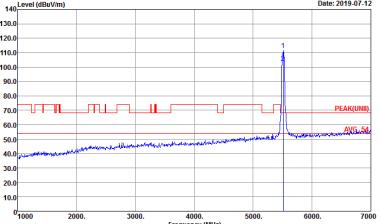
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBm/Hz) Date: 2019-07-11 Frequency (MHz) PEAK_BE(dBm)_ED</p> <p>Site : 03CH15-HV Condition : PCAC_BE(UNID), 83 3m 91200_15_1620 VERTICAL Detector : 18MHz0000000Hz VSW-30000000Hz SWT:Auto Project : Peak Mode : 911635 Mode : 98</p>	Left blank





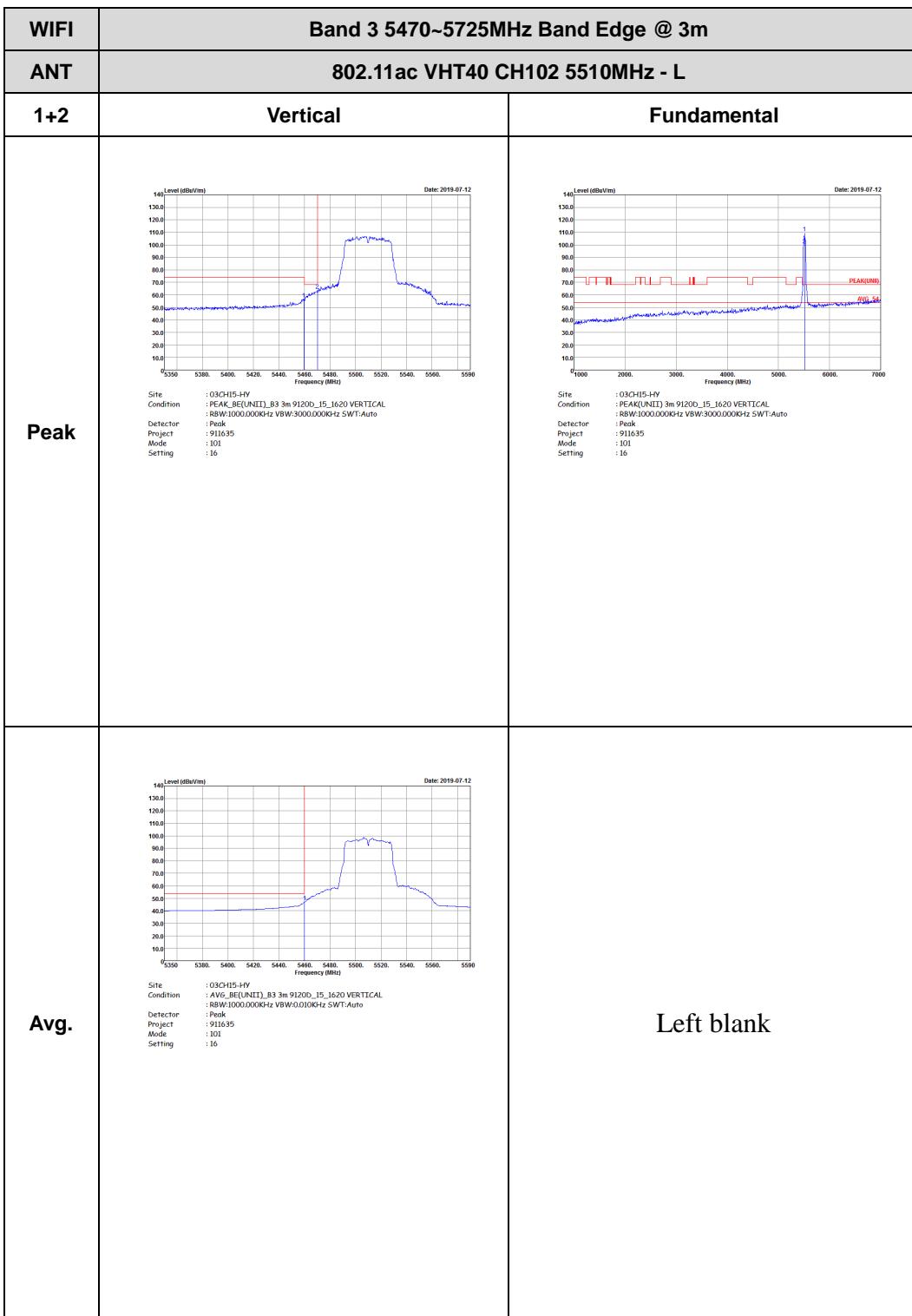


**Band 3 5470~5725MHz**  
**WIFI 802.11ac VHT40 (Band Edge @ 3m)**

<b>WIFI</b>	<b>Band 3 5470~5725MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11ac VHT40 CH102 5510MHz - L</b>	
<b>1+2</b>	<b>Horizontal</b>	<b>Fundamental</b>
<b>Peak</b>	 <p>Site : 03CH15-HY Condition : PEAK_BEC(UNIT)_B3 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911635 Mode : I0I Setting : 16</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911635 Mode : I0I Setting : 16</p>
<b>Avg.</b>	 <p>Site : 03CH15-HY Condition : AVG_BEC(UNIT)_B3 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 911635 Mode : I0I Setting : 16</p>	Left blank

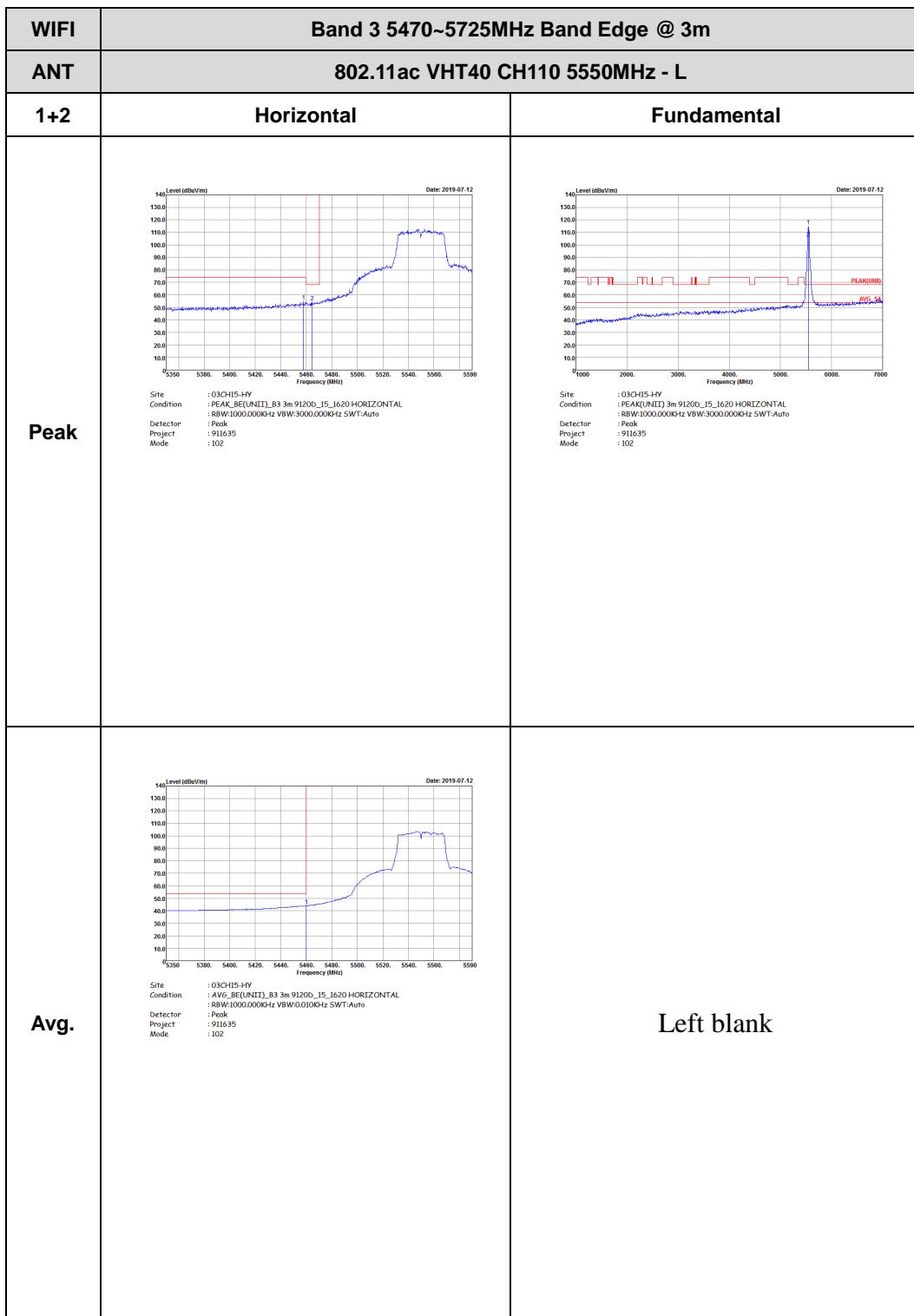


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBm/m)</p> <p>Date: 2019-07-12</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HV Condition : PCAC_BE(UNID), 83 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 911635 Mode : IOI Setting : 16</p>	Left blank



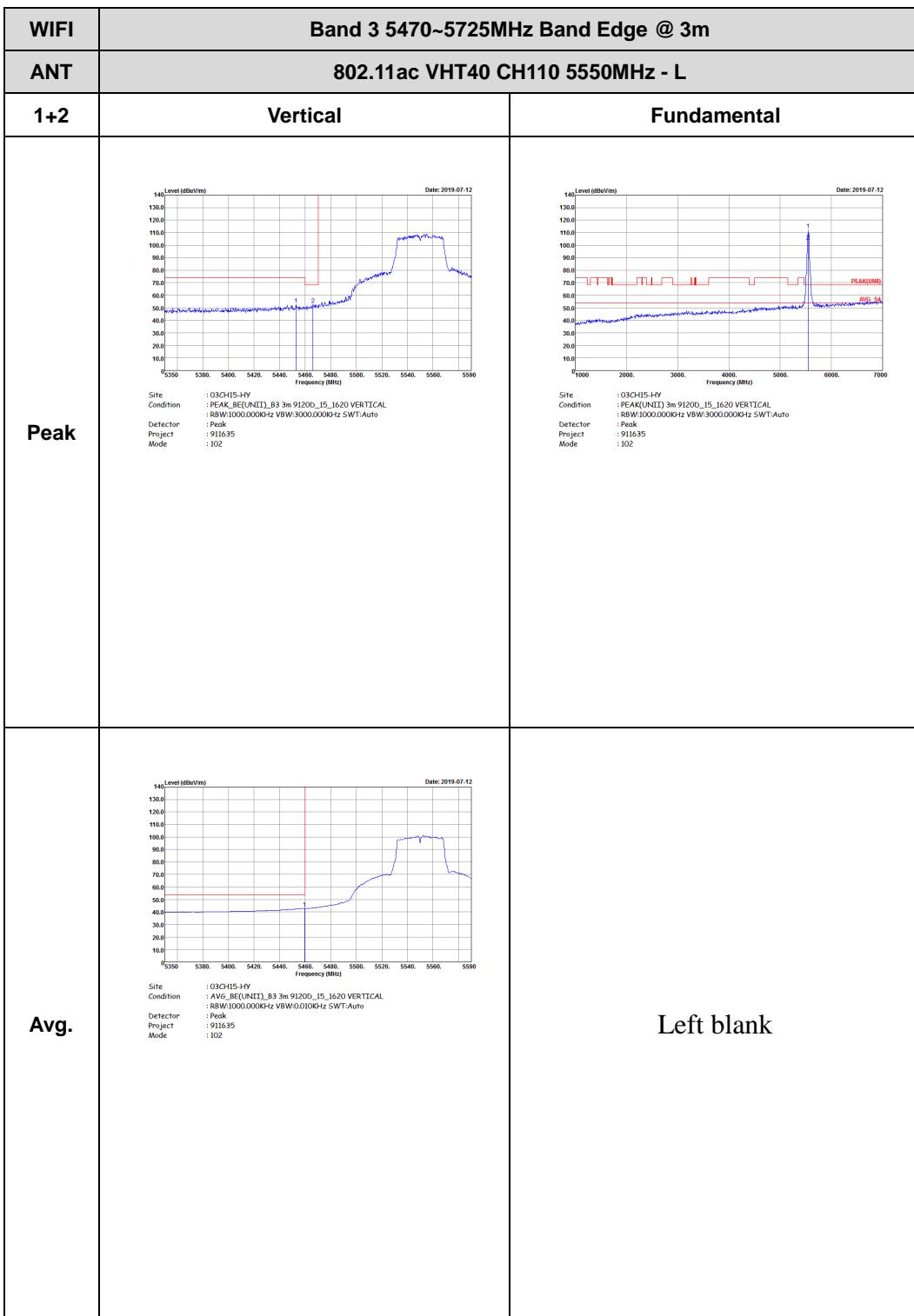


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBmV/m)</p> <p>Date: 2019-07-12</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : PCAC-BE(UNID), 3m 91200_1020 VERTICAL Detector : Peak Project : 911635 Mode : IOI Setting : 16</p>	Left blank



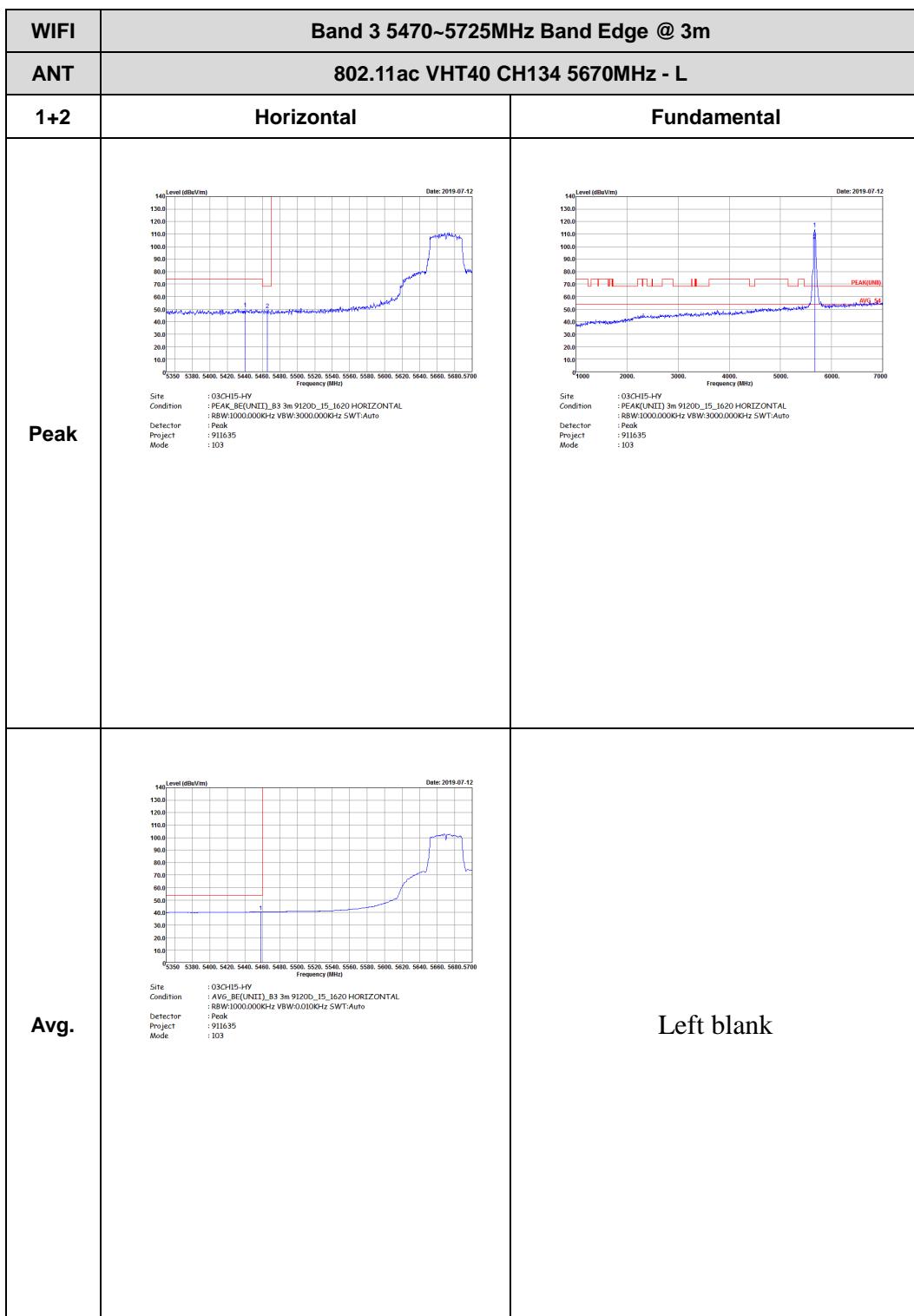


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBmV/m)</p> <p>Date: 2019-07-12</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : PCAC_BE(UNID), B3 3m 91200_15_1620 HORIZONTAL Detector : 18MHz000000Hz VSWR=3000.0000Hz SWR:Auto Project : Peak Mode : 911635 Mode : 102</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>Frequency (MHz)</p> <p>Date: 2019-07-12</p> <p>Site : 03CH15-HY Condition : PCMK_BE(UNID), B3 3m 91200_1020 VERTICAL Detector : Peak Project : 911635 Mode : 102</p>	Left blank





WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Site : 03-H15-HV Condition : PCMK_BE(UNID), B3 3m 91200_15_1620 HORIZONTAL Detector : 188W1000.000KHz VSW-3000.0000Hz SWT-Auto Project : Peak Mode : 911635 : 103</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PCAK_BE(UNIT), B3 3m 91200_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : I03	 Site : 03CH15-HY Condition : PCAK_BE(UNIT) 3m 91200_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911635 Mode : I03
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT), B3 3m 91200_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911635 Mode : I03	Left blank

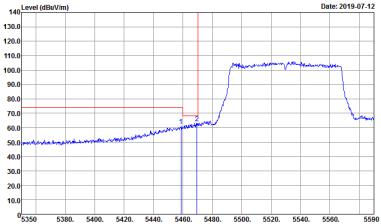
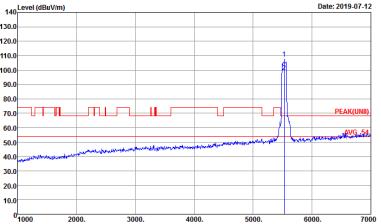
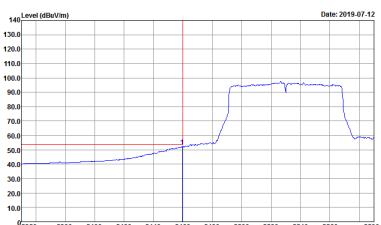


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBm/m)</p> <p>Date: 2019-07-12</p> <p>Frequency (MHz)</p> <p>PEAK_BE(0dB)_B3</p> <p>Site : 03-H15-HV Condition : PCAC_BE(UNID), B3 3m 91200_15_1620 VERTICAL Detector : 18W1000.000KHz VSW-3000.000Hz SWT:Auto Project : 911635 Mode : I03</p>	Left blank



## Band 3 5470~5725MHz

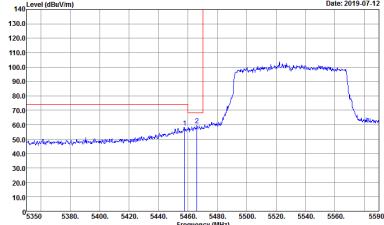
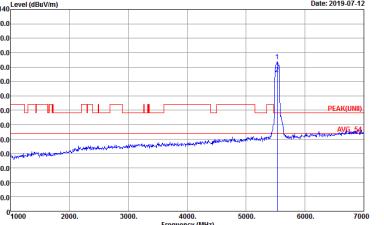
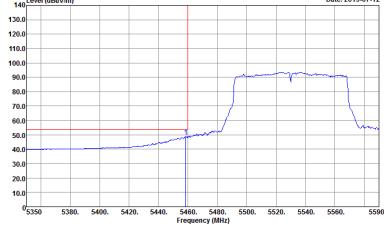
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNIT) .B3 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 911635 Mode : 105 Setting : 15.5</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNIT) 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 911635 Mode : 105 Setting : 15.5</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE(UNIT) .B3 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 911635 Mode : 105 Setting : 15.5</p>	Left blank



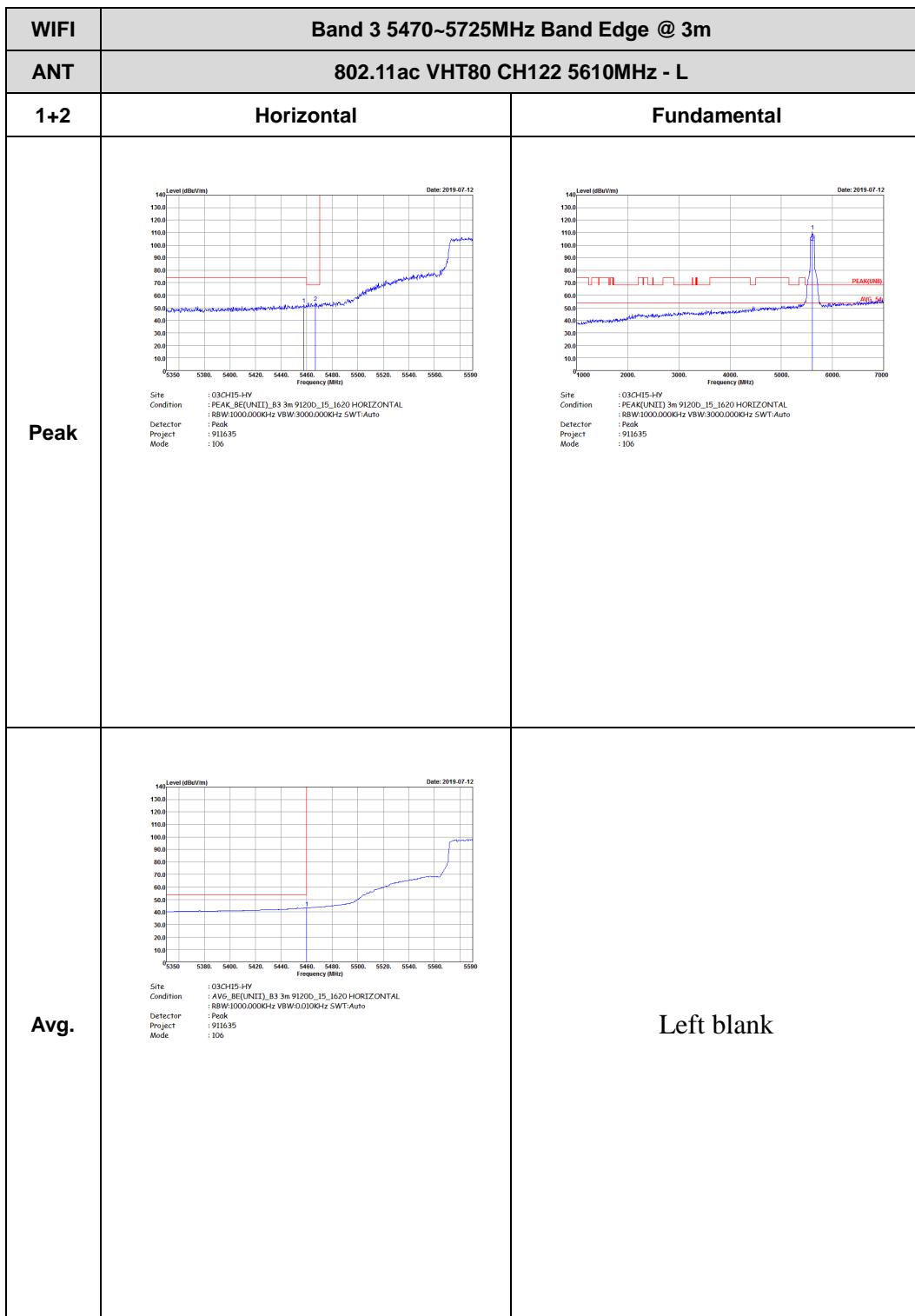
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBmV/m)</p> <p>Frequency (MHz)</p> <p>Date: 2019-07-12</p> <p>Site : 091H5-HY Condition : PCMK_BE(UNID), B3 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 911635 Mode : 105 Setting : 15.5</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1+2	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PC-AK-BE(UNIT), B3 3m 91200_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 911635 Mode : 105 Setting : 15.5</p>	 <p>Site : 03CH15-HY Condition : PC-AK-BE(UNIT) 3m 91200_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 911635 Mode : 105 Setting : 15.5</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_B(EUNIT), B3 3m 91200_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911635 Mode : 105 Setting : 15.5</p>	Left blank

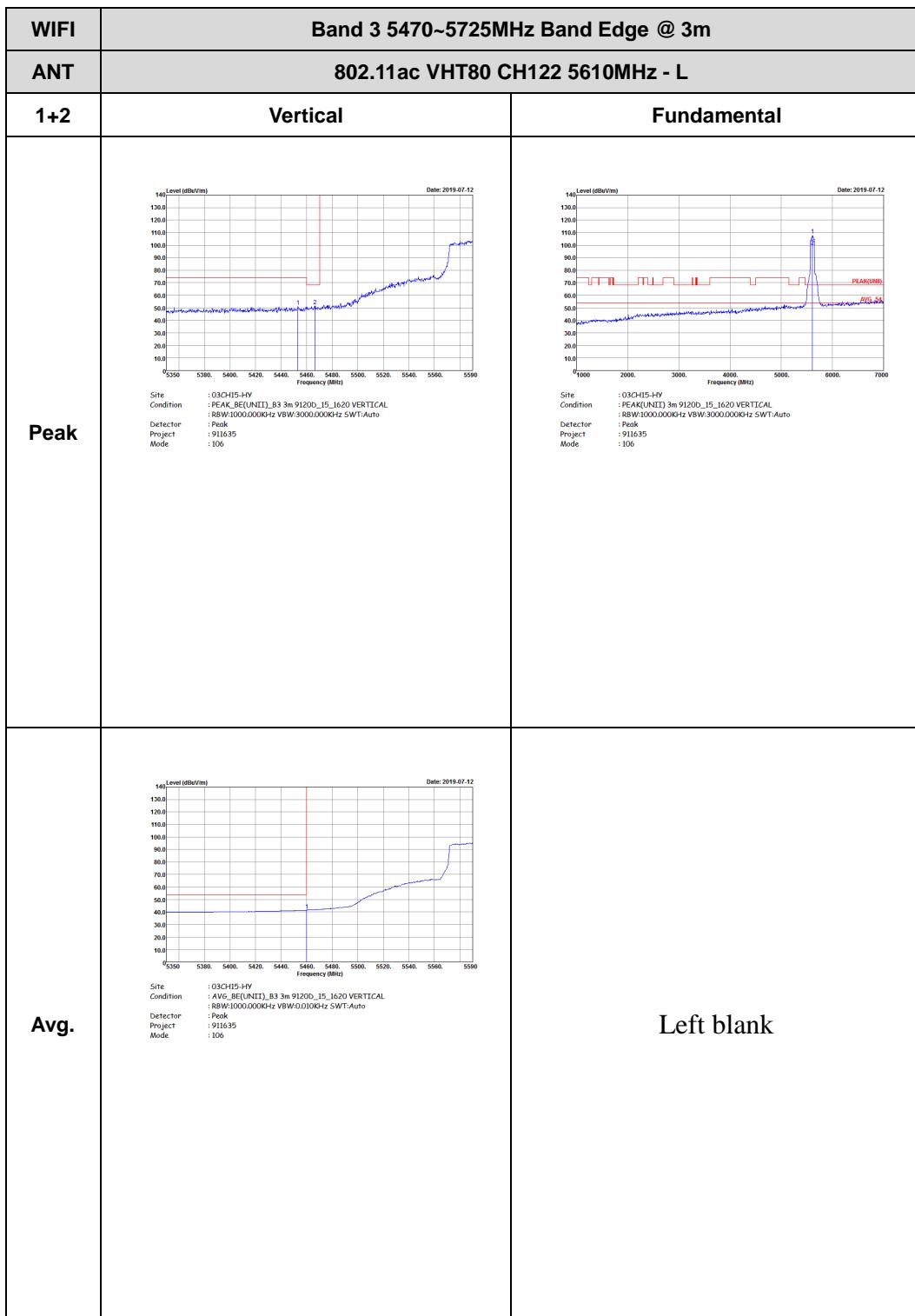


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBmV/m)</p> <p>Date: 2019-07-12</p> <p>Frequency (MHz)</p> <p>Site : 091CH5-HY Condition : PCMK_BE(UNID), 83 3m 91200_15_1620 VERTICAL Detector : 188W1000.000KHz VSW-3000.000Hz SWT:Auto Project : Peak Mode : 911635 Setting : 105 Setting : 15.5</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 (dBmV/m)</p> <p>Date: 2019-07-12</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : PCAC_BE(UNID), B3 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 911635 Mode : 106</p>	Left blank



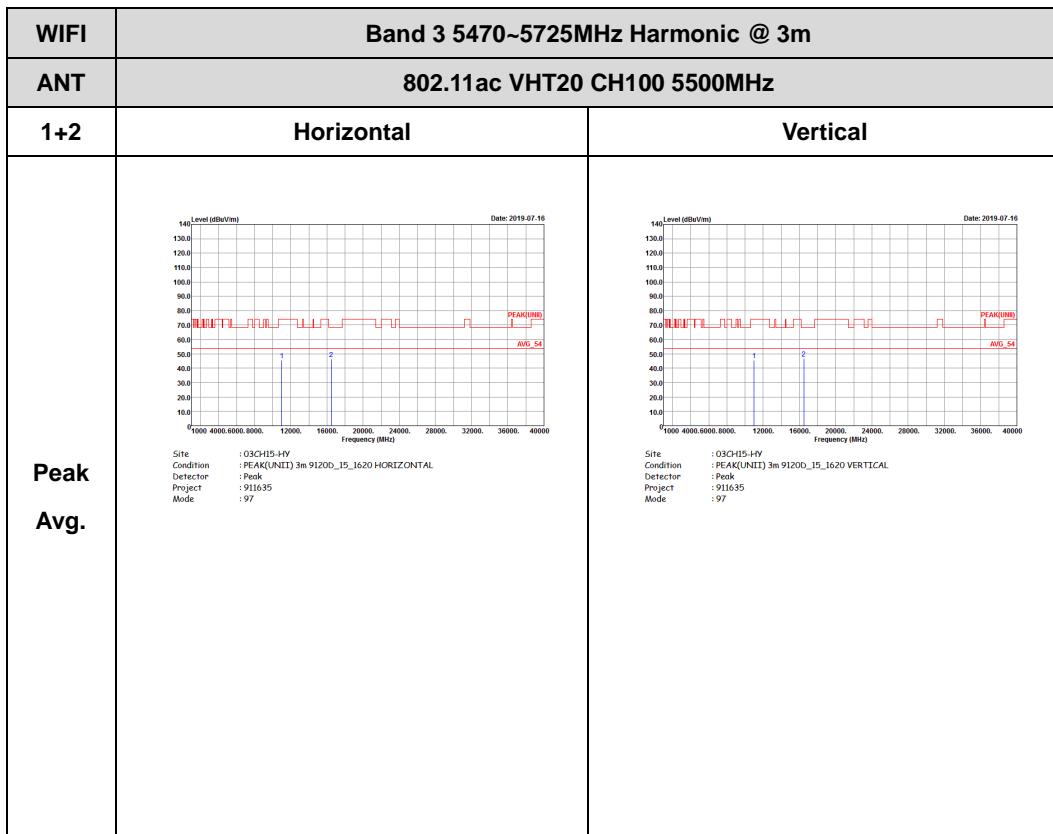


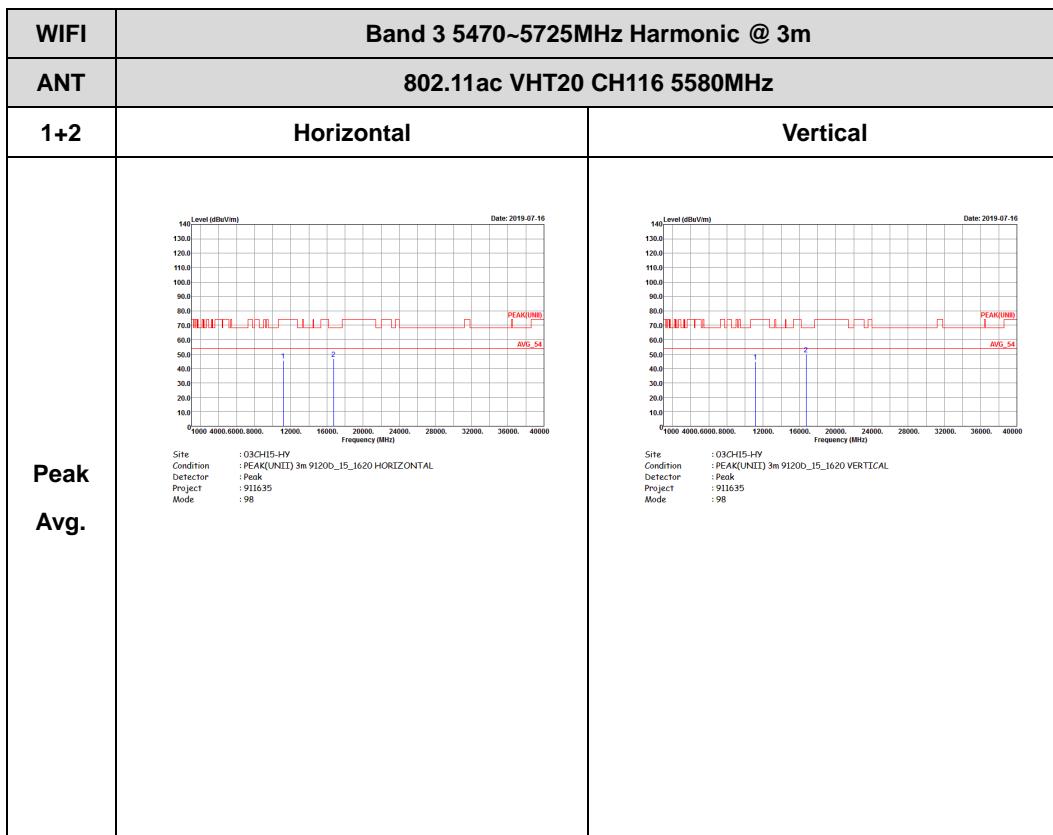
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBmV/m)</p> <p>Date: 2019-07-12</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : PCAC_BE(UNID), B3 3m 91200_15_1620 VERTICAL Detector : 188W1000.000KHz VSW-3000.000Hz SWT:Auto Project : 911635 Mode : 106</p>	Left blank

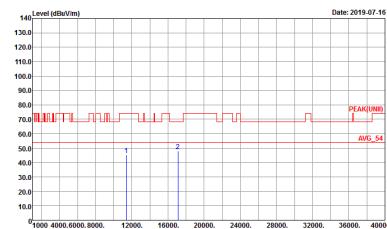
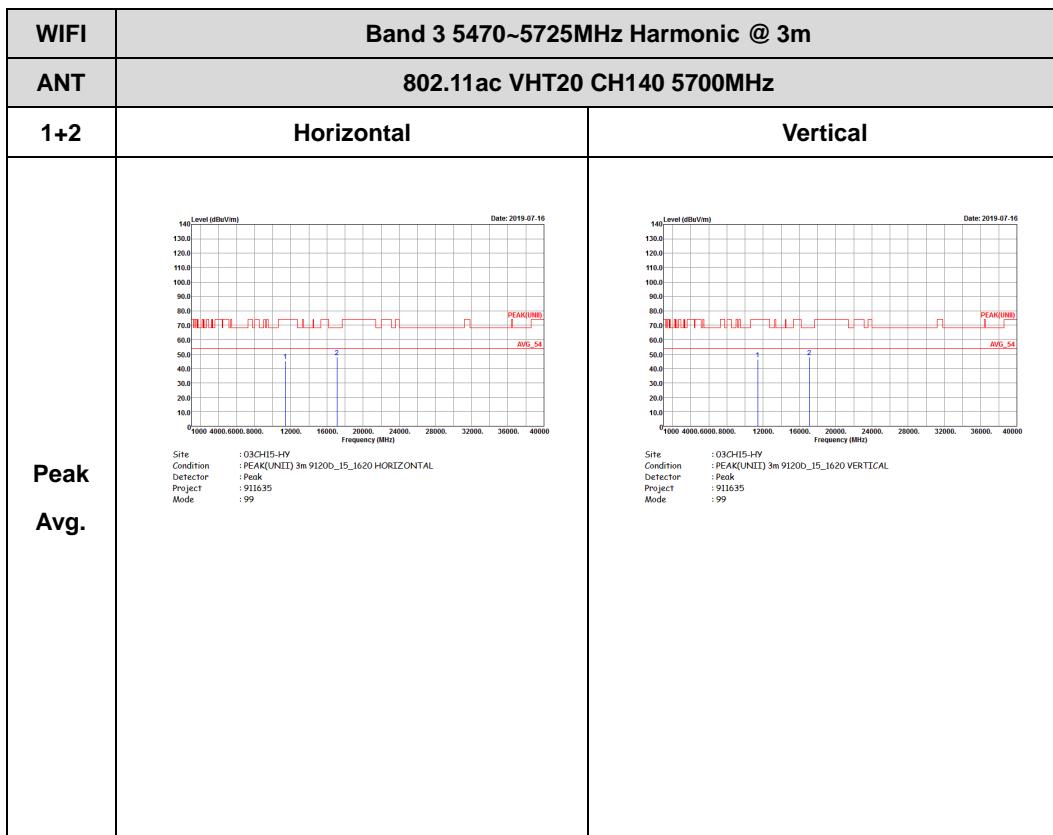


## Band 3 - 5470~5725MHz

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







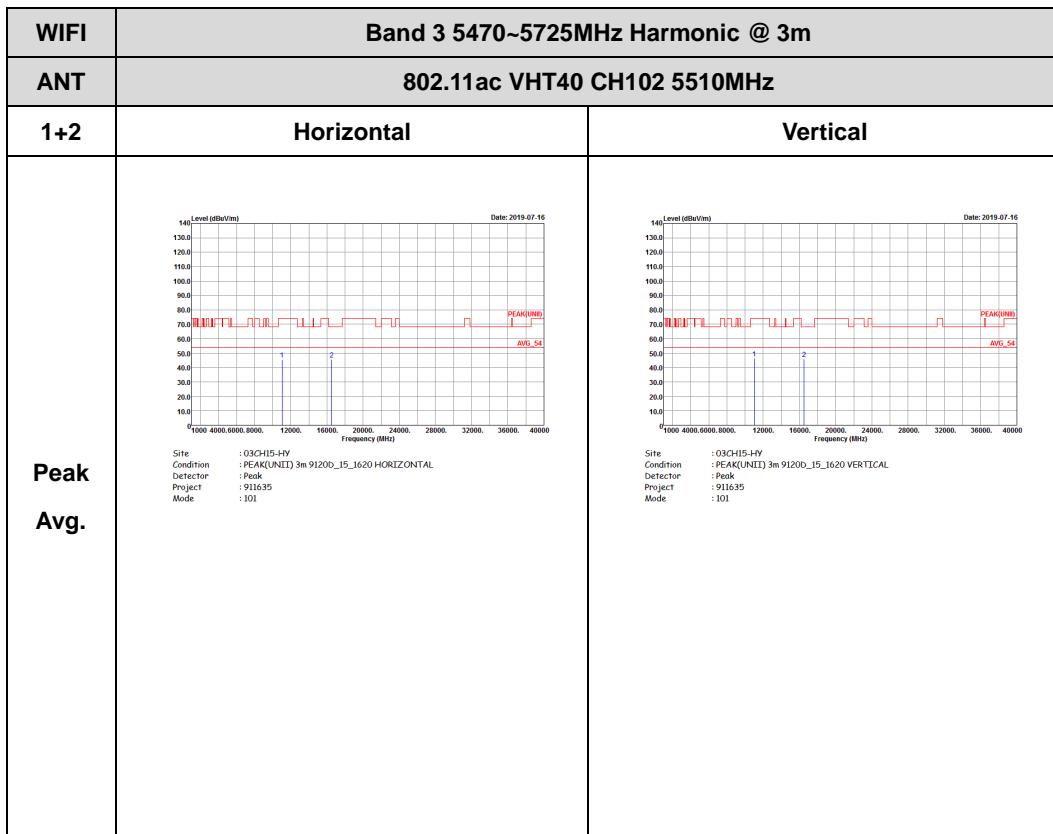
Site : 05CH15-HY  
Condition : FCC44(UNII) 3m 91200\_15\_1620 HORIZONTAL  
Detector : Peak  
Project : 911635  
Mode : 99

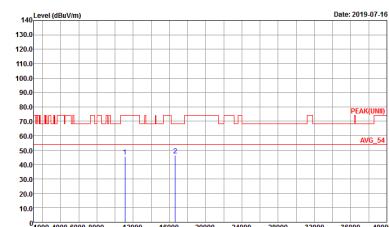
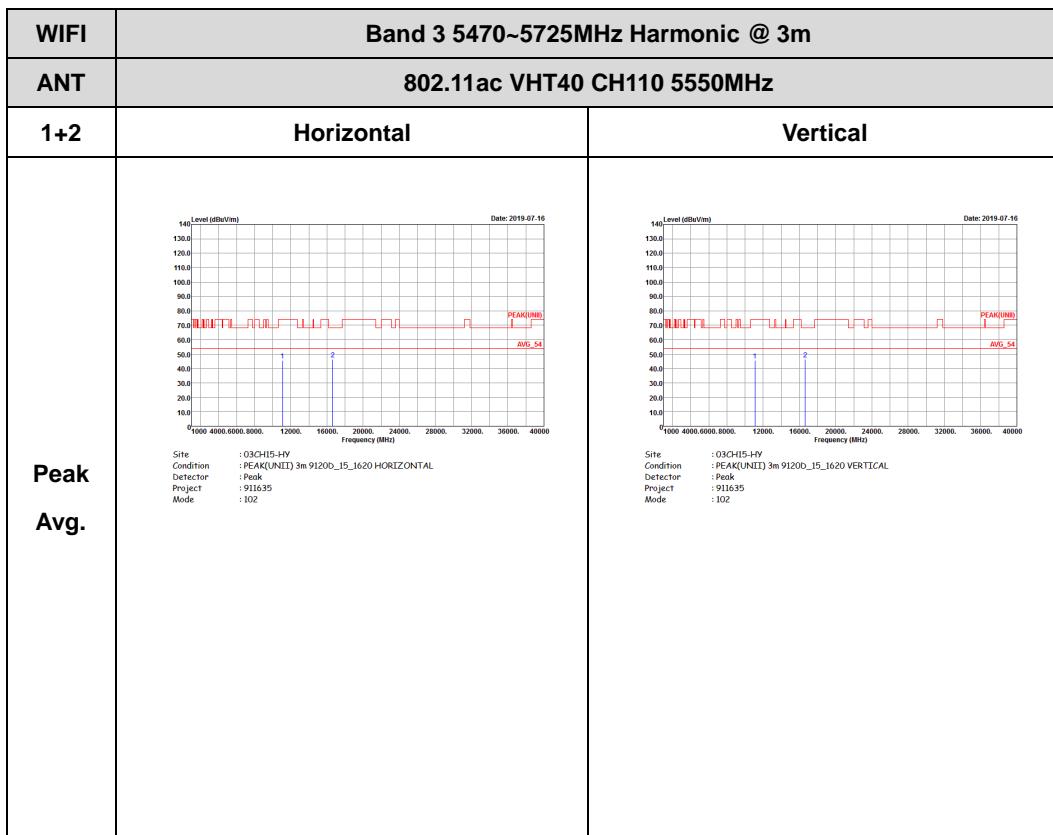


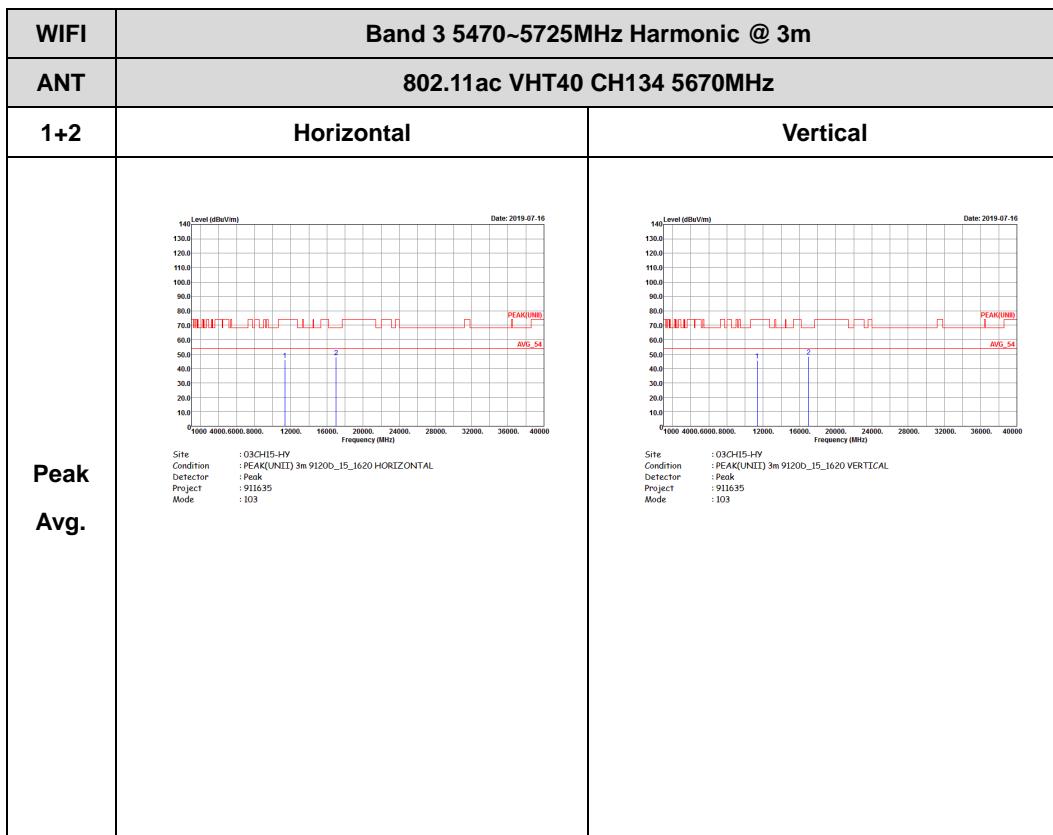
Site : 05CH15-HY  
Condition : FCC44(UNII) 3m 91200\_15\_1620 VERTICAL  
Detector : Peak  
Project : 911635  
Mode : 99



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

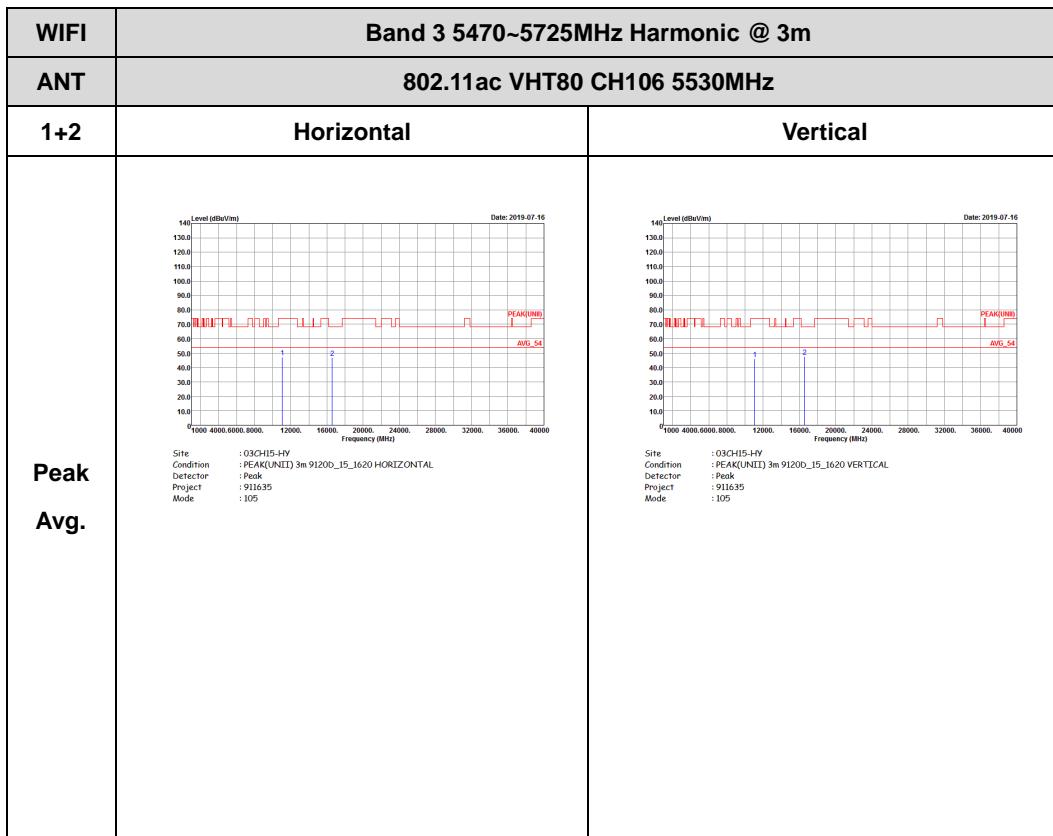


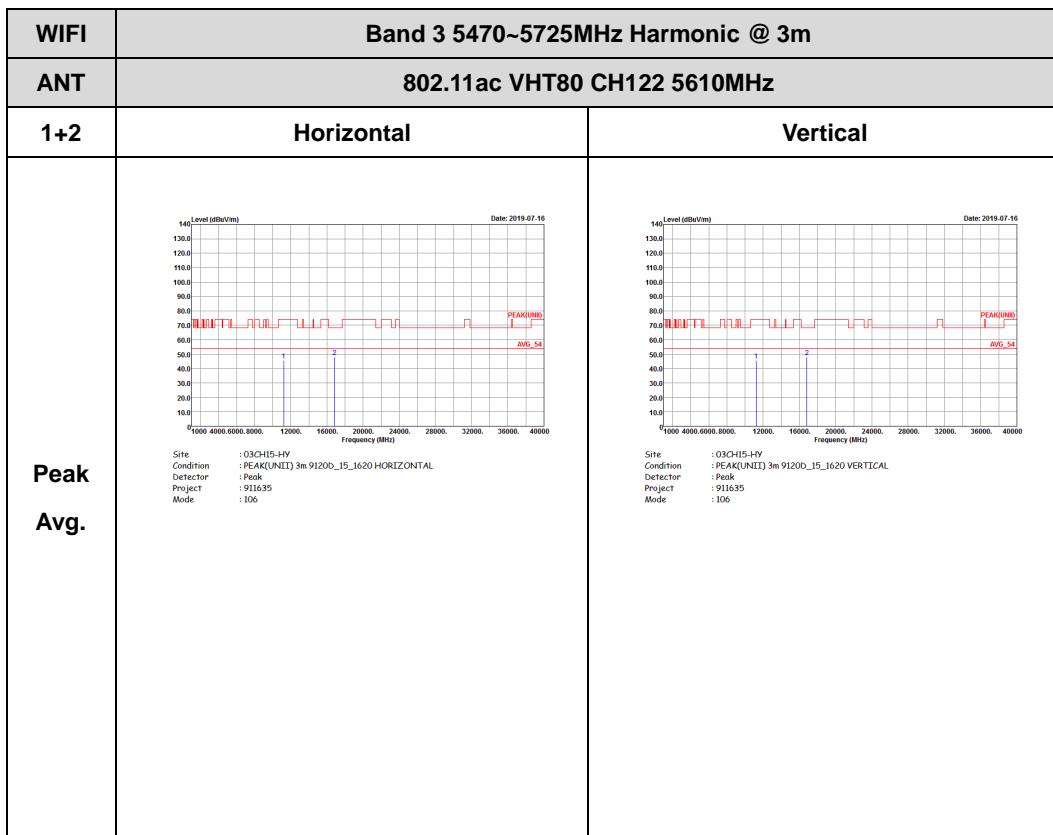






**Band 3 5470~5725MHz**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**







## Band 3 - Straddle Channel

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

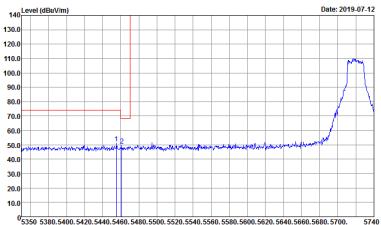
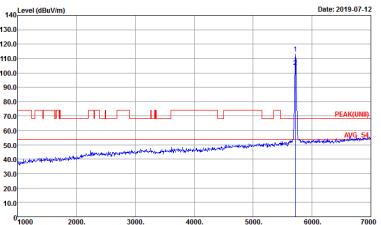
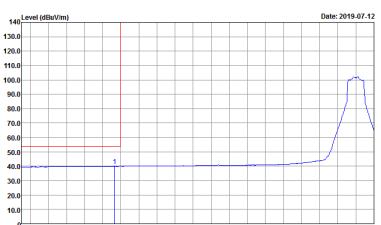
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03C115-HY Condition : STRADDLES U-NII-1A2A 3m 9120D_15_1620 HORIZONTAL. Detector : RBW:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 911635 Mode : 100	 Site : 03C115-HY Condition : PEAK(UNIT) 3m 9120D_15_1620 HORIZONTAL. Detector : RBW:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 911635 Mode : 100
Avg.	 Site : 03C115-HY Condition : U-NII-1&2A AVERAGE 3m 9120D_15_1620 HORIZONTAL. Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911635 Mode : 100	Left blank

**FCC RADIO TEST REPORT**

Report No. : FR911635E

<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>Horizontal</b>	<b>Fundamental</b>
<b>Peak</b>	<p>Level (dBuV/m)</p> <p>Date: 2019-07-12</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : STRADDLES U-NIT-1A2A 3m 9120D_15_1620 HORIZONTAL Detector : R8W:1000.000kHz VBW:3000.000kHz SWF:Auto Project : Peak Mode : 911635 Mode : 100</p>	Left blank



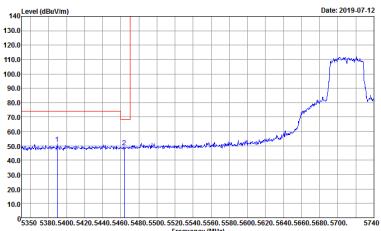
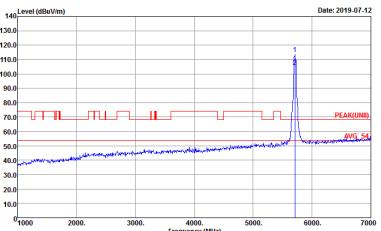
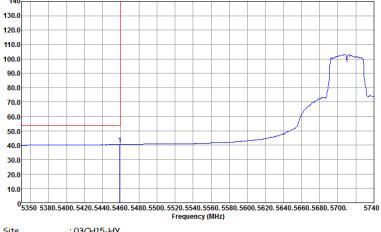
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDLES U-NIT-1A2A 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.0000kHz VBW:3000.0000Hz SWT:Auto Project : Peak Mode : 911635 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.0000kHz VBW:3000.0000Hz SWT:Auto Project : Peak Mode : 100	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.0000kHz VBW:3000.0000Hz SWT:Auto Project : Peak Mode : 100
Avg.	 Site : 03CH15-HY Condition : U-NIT-1A2A AVERAGE 3m 9120D_15_1620 VERTICAL Detector : Peak Project : 911635 Mode : 100	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBm/V/m)</p> <p>Date: 2019-07-12</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HV Condition : STRADDLES U-NI142A 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VSW:3000.000Hz SWT:Auto Project : 911635 Mode : 100</p>	Left blank



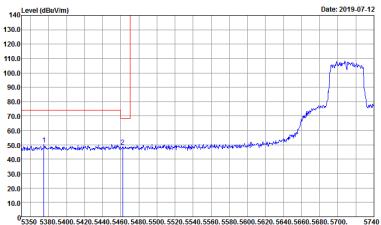
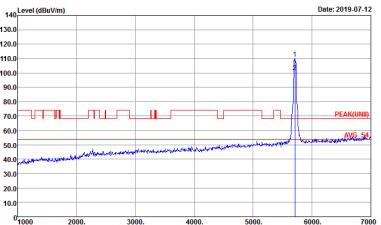
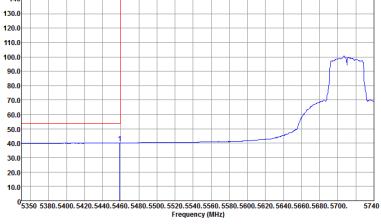
**Band 3 – Straddle Channel**  
**WIFI 802.11ac VHT40 (Band Edge @ 3m)**

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) from 5350 to 5740. A sharp peak is visible at 5710 MHz. Test parameters: Site: 03CH15-HY, Condition: STRADDLES U-NIT-1A2 3m 9120D_15_1620 HORIZONTAL, RBW:1000.000KHz, VBW:3000.000KHz, SWT:Auto, Detector: Peak, Project: 911635, Mode: 104.</p>	 <p>Level (dBuV/m) vs Frequency (MHz) from 1600 to 7000. A sharp peak is visible at 5710 MHz. Test parameters: Site: 03CH15-HY, Condition: PEAK(UNIT) 3m 9120D_15_1620 HORIZONTAL, RBW:1000.000KHz, VBW:3000.000KHz, SWT:Auto, Detector: Peak, Project: 911635, Mode: 104.</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) from 5350 to 5740. A broad peak is visible at 5710 MHz. Test parameters: Site: 03CH15-HY, Condition: U-NIT-1A2 AVERAGE 3m 9120D_15_1620 HORIZONTAL, RBW:1000.000KHz, VBW:0.010KHz, SWT:Auto, Detector: Peak, Project: 911635, Mode: 104.</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBm/m)</p> <p>Date: 2019-07-12</p> <p>Frequency (MHz)</p> <p>STRADDLES U-NII-142A</p> <p>Site : 03CH15-HV Condition : STRADDLES U-NII-142A 3m 9120D_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VSW:3000.000KHz SWT:Auto Project : 911635 Mode : 10A</p>	Left blank



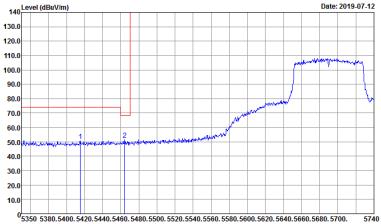
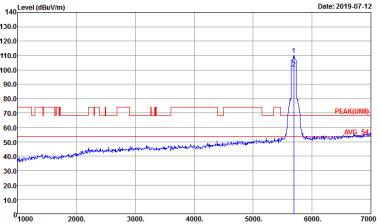
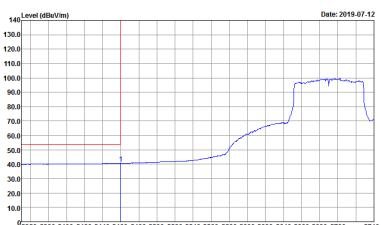
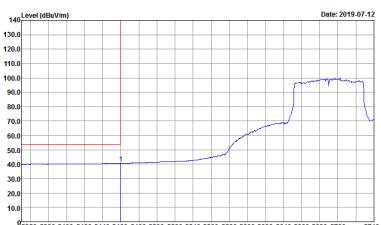
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDLES U-NIT-1A2A 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Project : Peak Mode : 911635 Project : 911635 Mode : 104	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Project : Peak Mode : 911635 Project : 911635 Mode : 104
Avg.	 Site : 03CH15-HY Condition : U-NIT-1A2A AVERAGE 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Project : Peak Mode : 911635 Project : 911635 Mode : 104	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: 2019-07-12</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HV Condition : STRADDLES U-NII-1&amp;2A 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VSW:3000.000KHz SWT:Auto Project : 911635 Mode : 10A</p>	Left blank



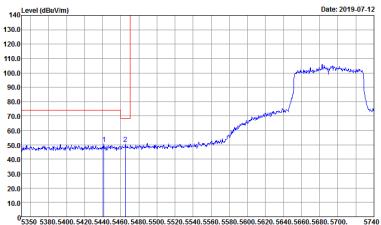
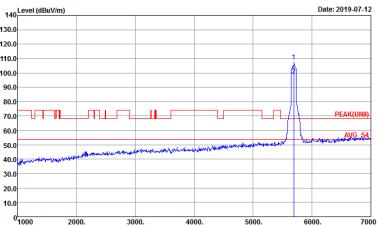
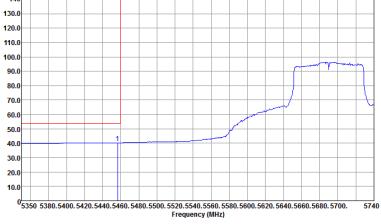
**Band 3 – Straddle Channel**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - L	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) from 5350 to 5740. Two sharp peaks are labeled 1 and 2. Peak 1 is at approximately 5400 MHz and Peak 2 is at approximately 5690 MHz.</p> <p>Date: 2019-07-12</p> <p>Sites : 03CH15-HY Condition : U-NIT-1&amp;2A 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 911635 Mode : 107</p>  <p>Level (dBuV/m) vs Frequency (MHz) from 1000 to 7000. A single sharp peak is labeled 1. The plot shows a flat baseline with several smaller peaks around 5400 MHz.</p> <p>Date: 2019-07-12</p> <p>Sites : 03CH15-HY Condition : PEAK(UNI) 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 911635 Mode : 107</p>	 <p>Level (dBuV/m) vs Frequency (MHz) from 5350 to 5740. A single sharp peak is labeled 1. The plot shows a flat baseline with several smaller peaks around 5400 MHz.</p> <p>Date: 2019-07-12</p> <p>Sites : 03CH15-HY Condition : U-NIT-1&amp;2A AVERAGE 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 911635 Mode : 107</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) from 5350 to 5740. A single sharp peak is labeled 1. The plot shows a flat baseline with several smaller peaks around 5400 MHz.</p> <p>Date: 2019-07-12</p> <p>Sites : 03CH15-HY Condition : U-NIT-1&amp;2A AVERAGE 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 911635 Mode : 107</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBuV/m)</p> <p>Date: 2019-07-12</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : STRADDLES U-NIT-1A2A 3 m 91200_15_1620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000Hz SW:Auto Detector : Peak Project : 911635 Mode : 107</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDLES U-NIT-1A2A 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Project : Peak Mode : 911635 Mode : 107	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Project : Peak Mode : 911635 Mode : 107
Avg.	 Site : 03CH15-HY Condition : U-NIT-1A2A AVERAGE 3m 9120D_15_1620 VERTICAL Detector : RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto Project : Peak Mode : 911635 Mode : 107	Left blank

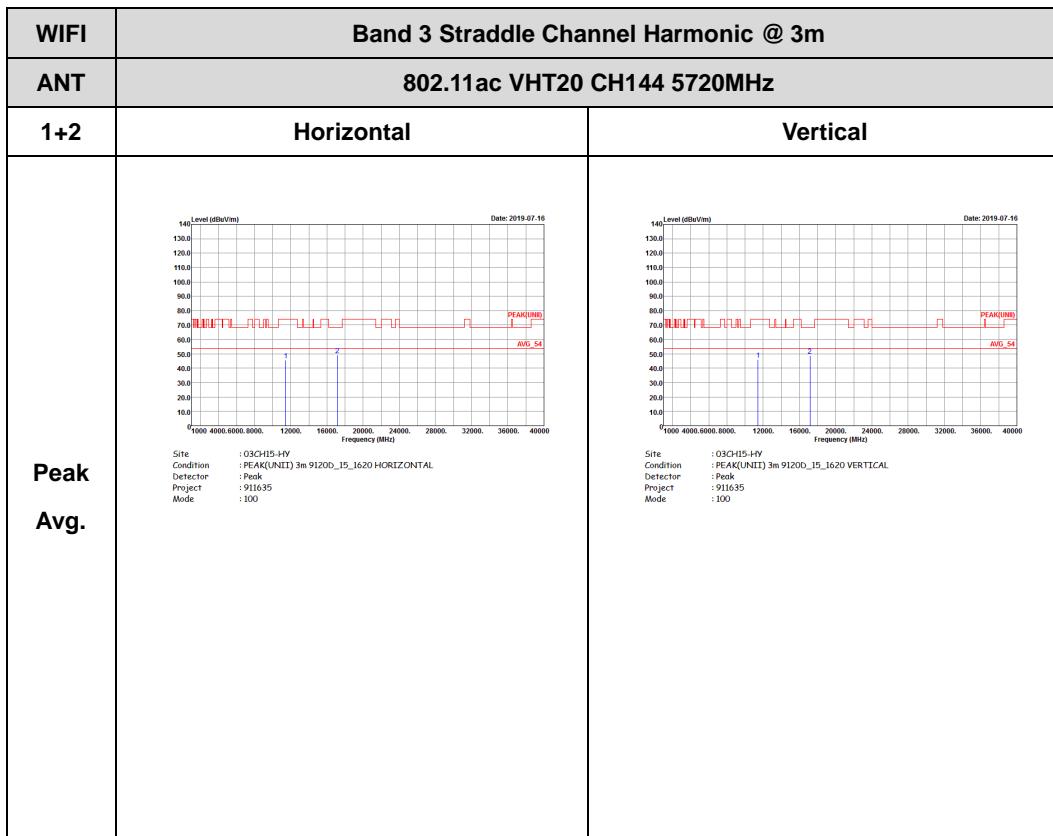


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBm/100Hz)</p> <p>Date: 2019-07-12</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HV Condition : STRADDLES U-NI142A 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VSW:3000.000KHz SWT:Auto Project : 911635 Mode : 107</p>	Left blank



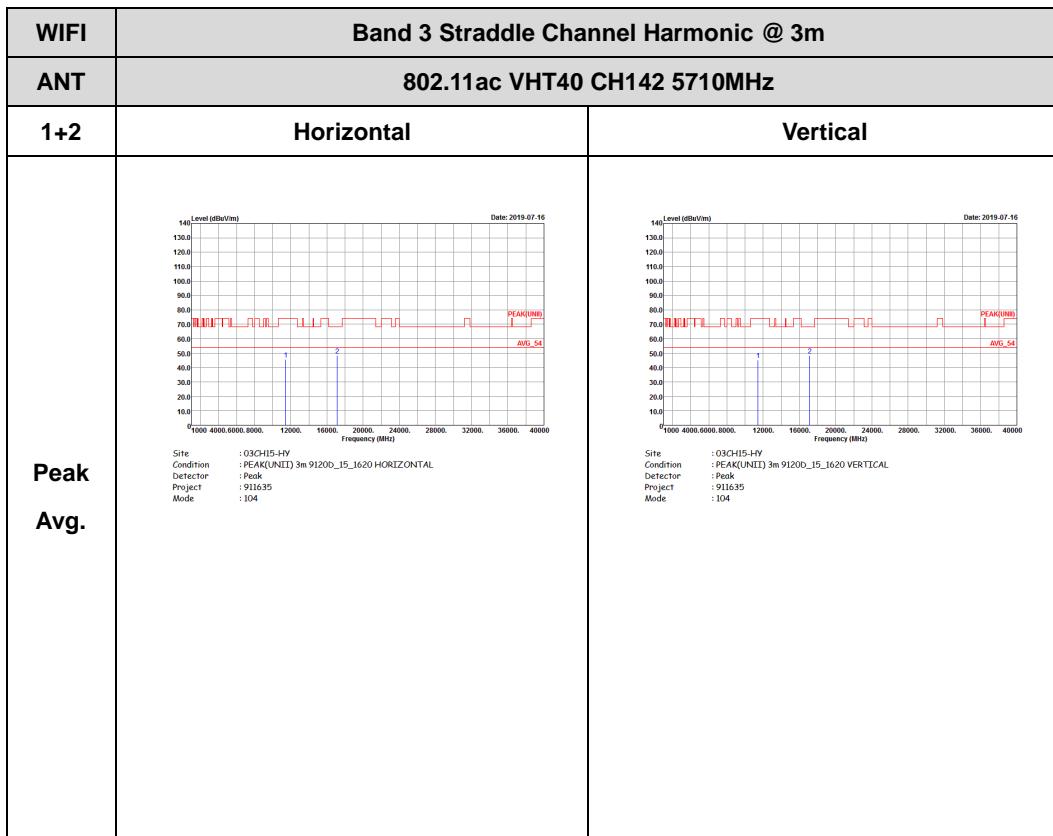
## Band 3 - Straddle Channel

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



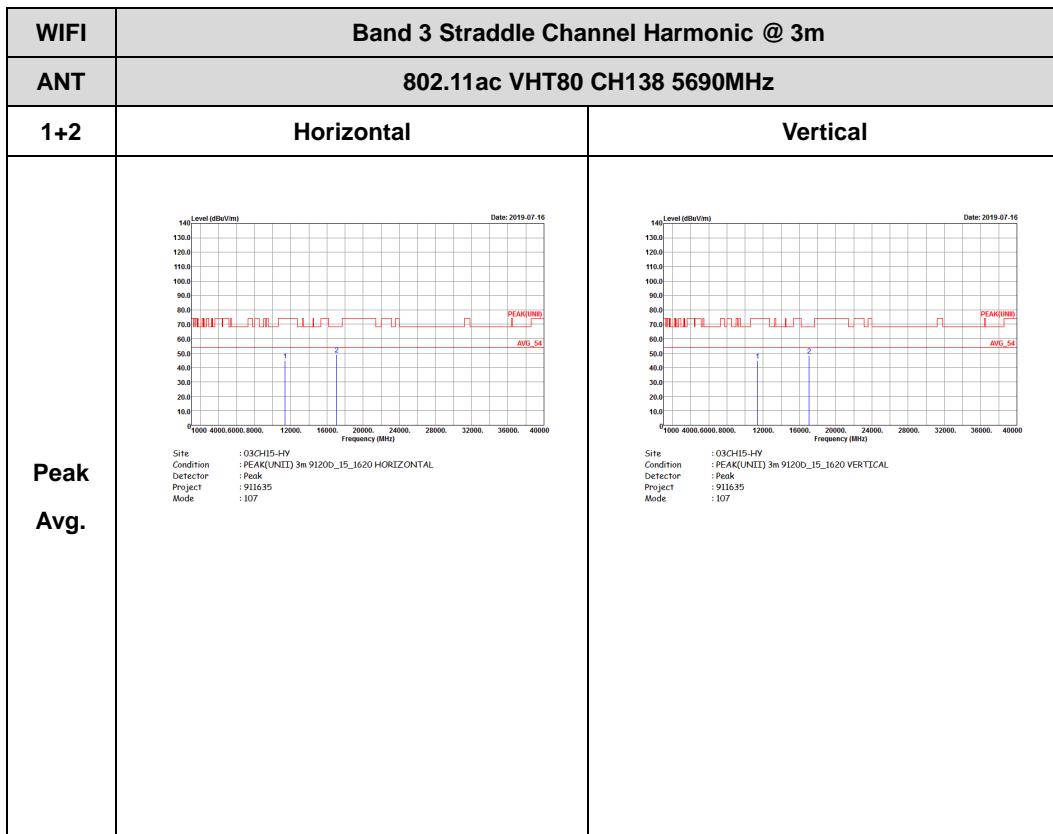


**Band 3 – Straddle Channel**  
**WIFI 802.11ac VHT40 (Harmonic @ 3m)**





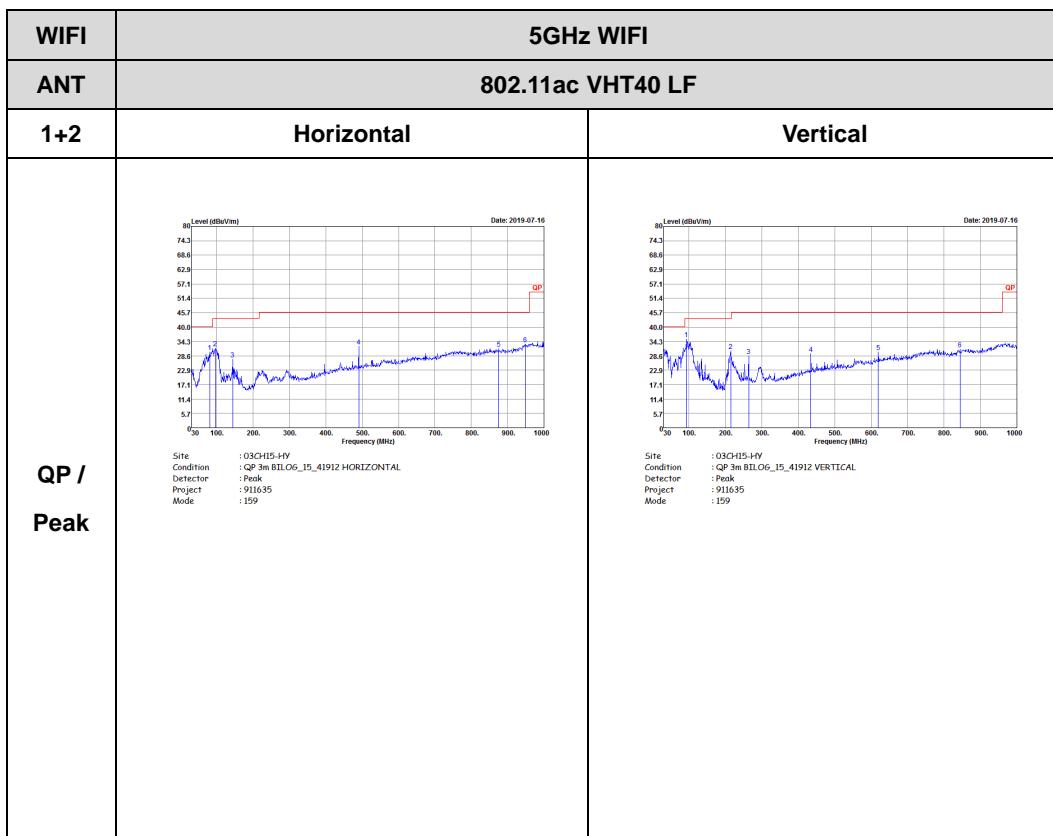
**Band 3 – Straddle Channel**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**





## Emission below 1GHz

## 5GHz WIFI 802.11ac VHT40 (LF)





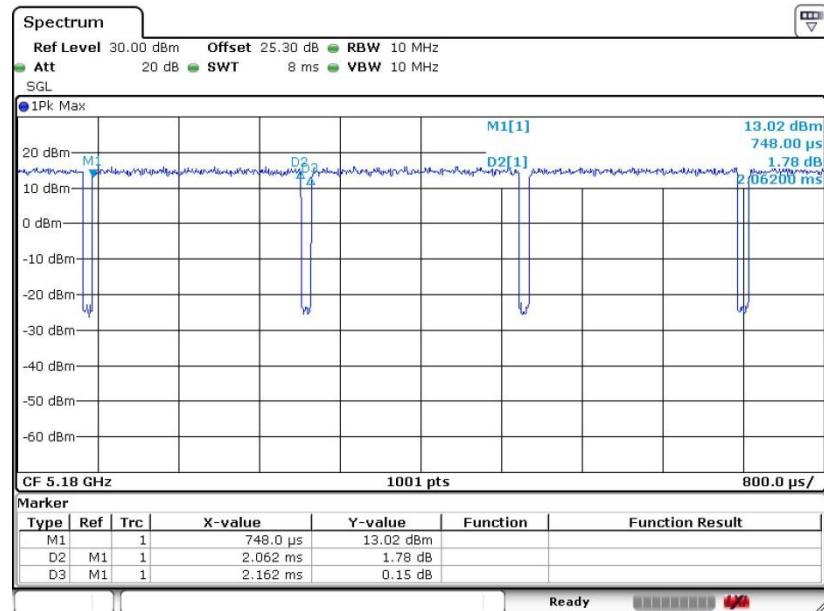
## Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
1	802.11a	95.37	2062	0.48	1kHz	0.21
2	802.11a	95.76	2076	0.48	1kHz	0.19
1+2	802.11a for Ant. 1	95.65	2068	0.48	1kHz	0.19
1+2	802.11a for Ant. 2	95.74	2070	0.48	1kHz	0.19
1	5GHz 802.11n HT20	94.96	1920	0.52	1kHz	0.22
2	5GHz 802.11n HT20	94.65	1912	0.52	1kHz	0.24
1+2	5GHz 802.11n HT20 for Ant. 1	95.07	1928	0.52	1kHz	0.22
1+2	5GHz 802.11n HT20 for Ant. 2	95.07	1928	0.52	1kHz	0.22
1	5GHz 802.11n HT40	93.77	1536	0.65	1kHz	0.28
2	5GHz 802.11n HT40	93.80	1544	0.65	1kHz	0.28
1+2	5GHz 802.11n HT40 for Ant. 1	93.90	1542	0.65	1kHz	0.27
1+2	5GHz 802.11n HT40 for Ant. 2	93.80	1542	0.65	1kHz	0.28
1	5GHz 802.11ac VHT20	95.17	1932	0.52	1kHz	0.21
2	5GHz 802.11ac VHT20	95.09	1938	0.52	1kHz	0.22
1+2	5GHz 802.11ac VHT20 for Ant. 1	95.07	1930	0.52	1kHz	0.22
1+2	5GHz 802.11ac VHT20 for Ant. 2	95.47	1940	0.52	1kHz	0.20
1	5GHz 802.11ac VHT40	94.49	1542	0.65	1kHz	0.25
2	5GHz 802.11ac VHT40	94.48	1540	0.65	1kHz	0.25
1+2	5GHz 802.11ac VHT40 for Ant. 1	94.72	1542	0.65	1kHz	0.24
1+2	5GHz 802.11ac VHT40 for Ant. 2	94.01	1538	0.65	1kHz	0.27
1	5GHz 802.11ac VHT80	88.13	735	1.36	3kHz	0.55
2	5GHz 802.11ac VHT80	87.81	735	1.36	3kHz	0.56
1+2	5GHz 802.11ac VHT80 for Ant. 1	89.42	735	1.36	3kHz	0.49
1+2	5GHz 802.11ac VHT80 for Ant. 2	88.13	735	1.36	3kHz	0.55

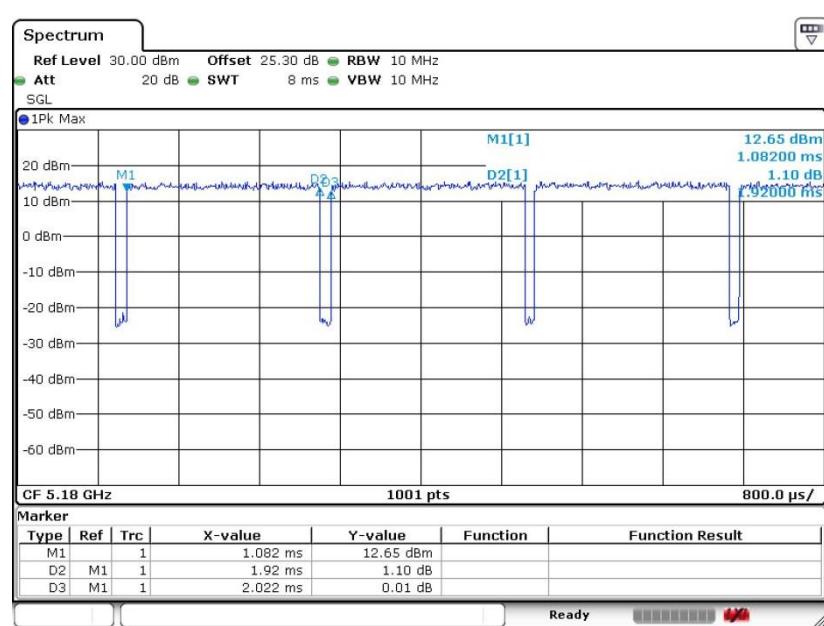


&lt;Ant. 1&gt;

## 802.11a

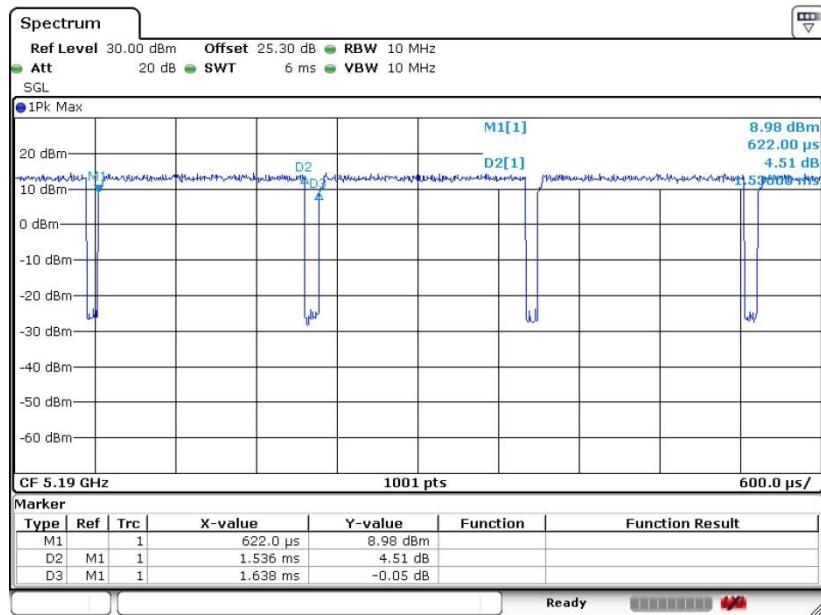


## 802.11n HT20



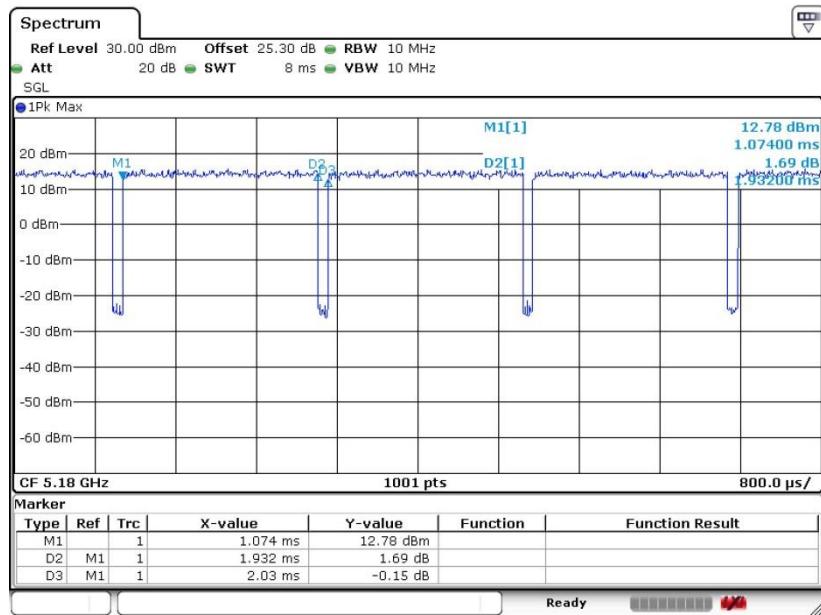


## 802.11n HT40



Date: 4.JUL.2019 06:39:25

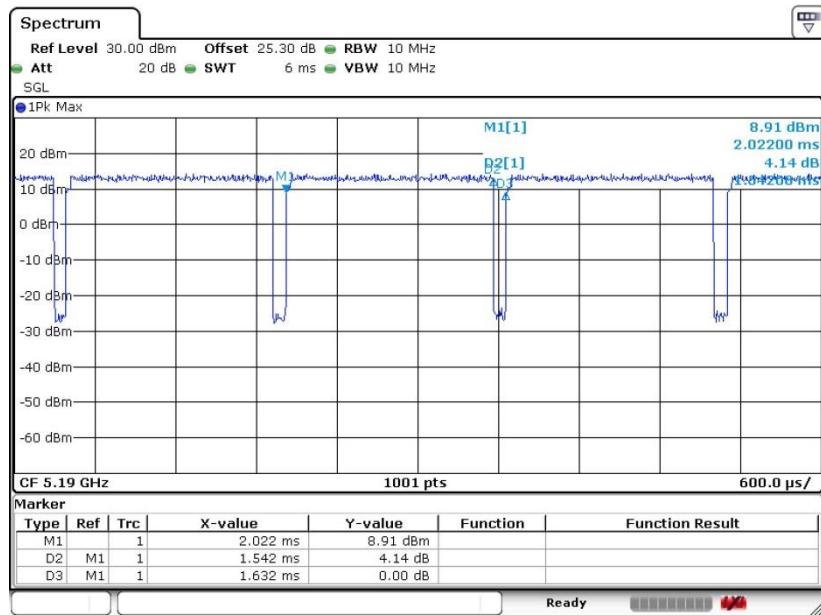
## 802.11ac VHT20



Date: 4.JUL.2019 05:36:53

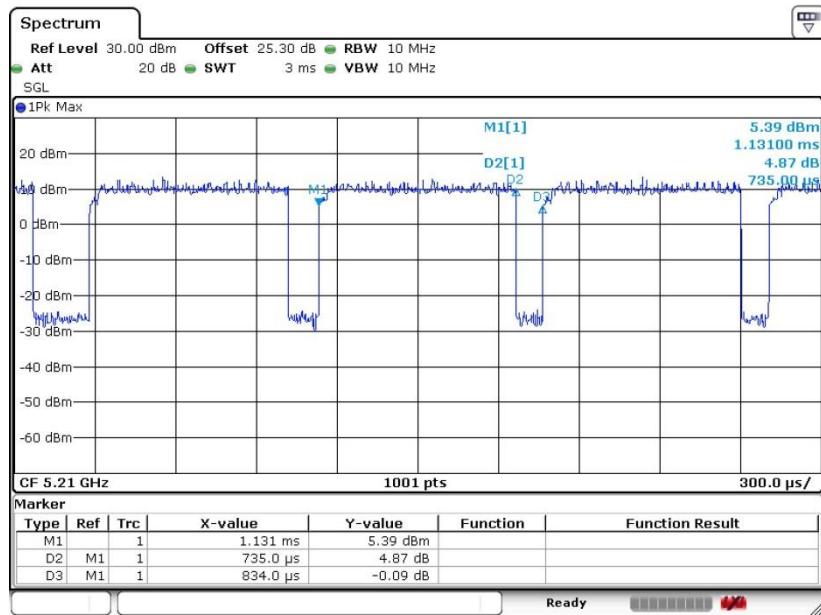


## 802.11ac VHT40



Date: 4.JUL.2019 06:50:51

## 802.11ac VHT80

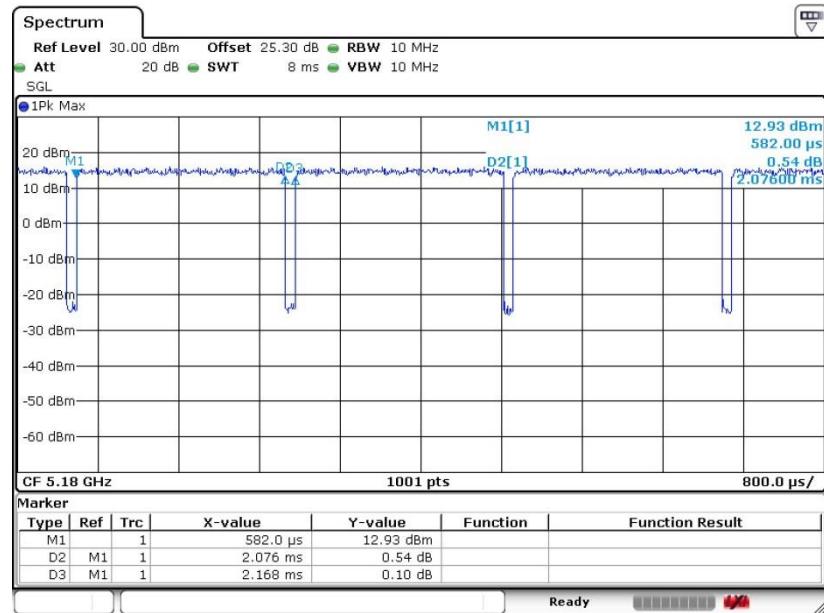


Date: 4.JUL.2019 07:39:16

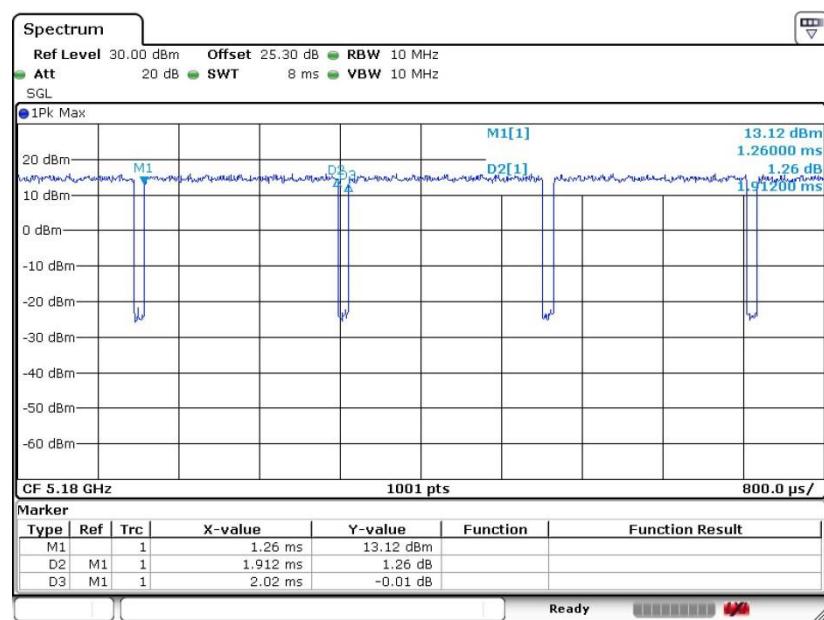


&lt;Ant. 2&gt;

## 802.11a

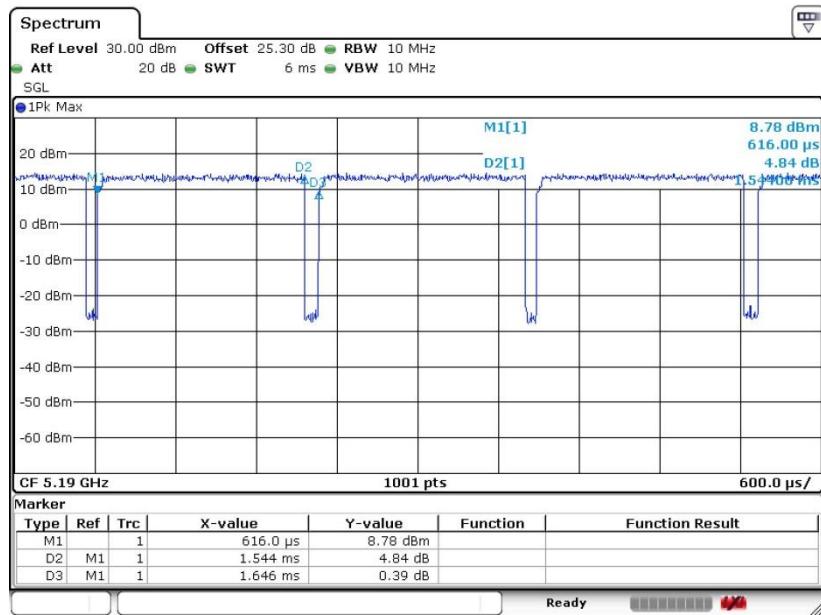


## 802.11n HT20



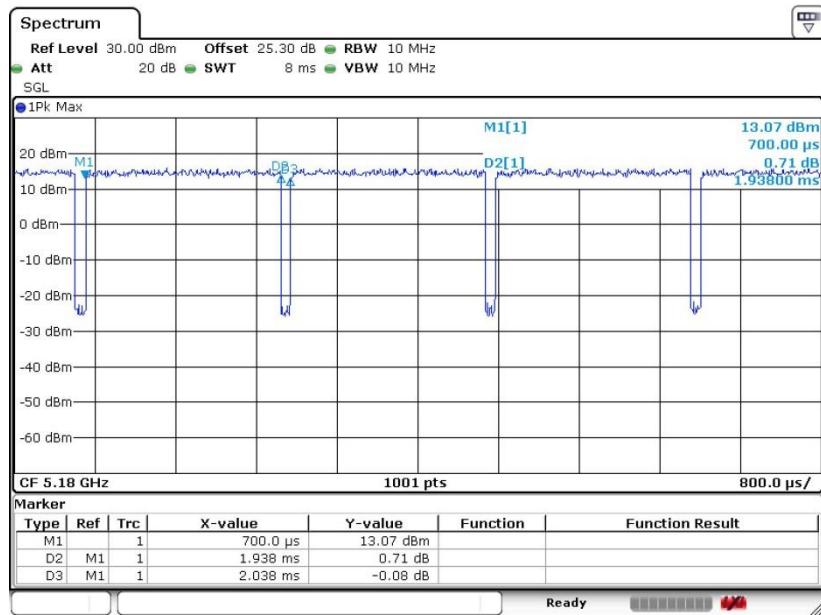


## 802.11n HT40



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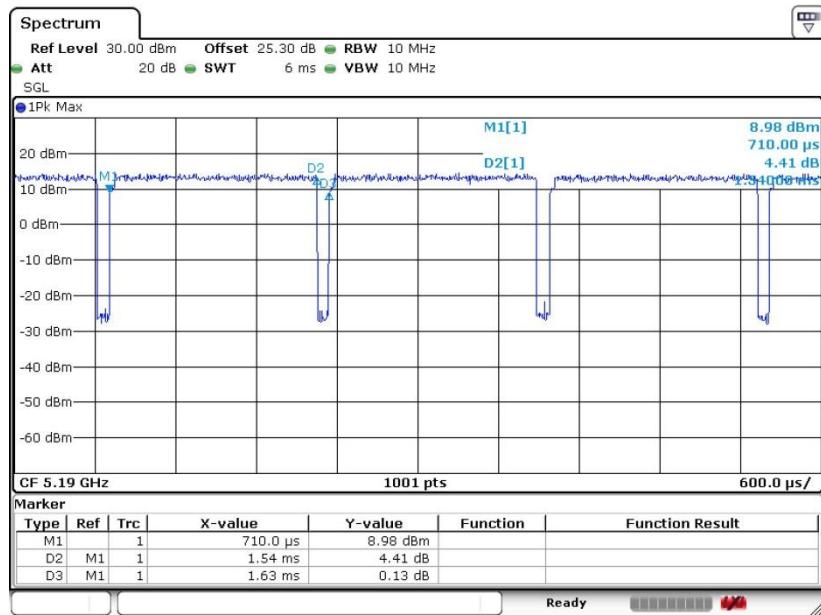
## 802.11ac VHT20



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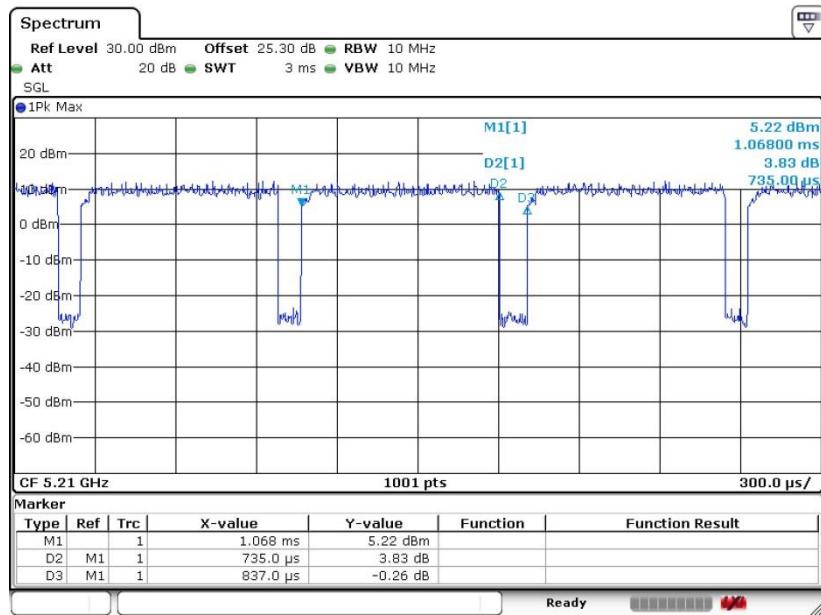


## 802.11ac VHT40



Date: 4.JUL.2019 06:51:53

## 802.11ac VHT80

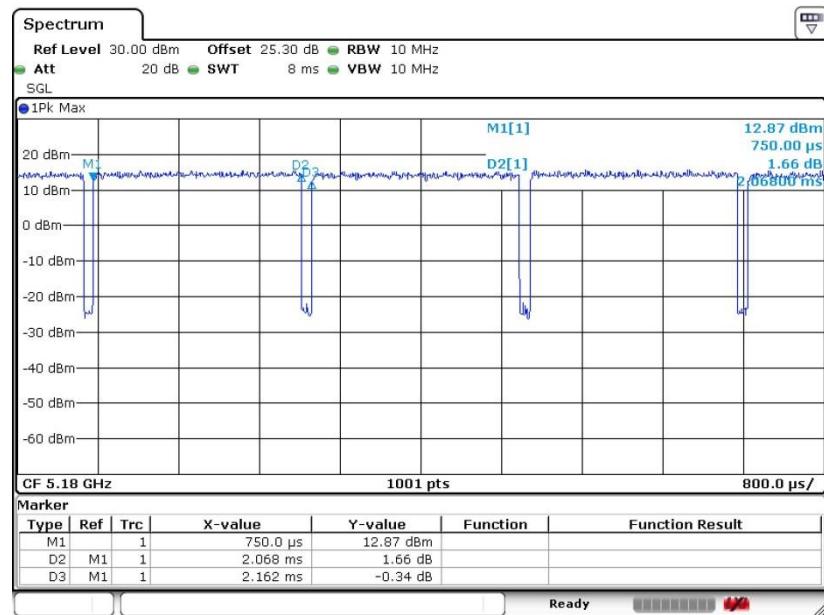


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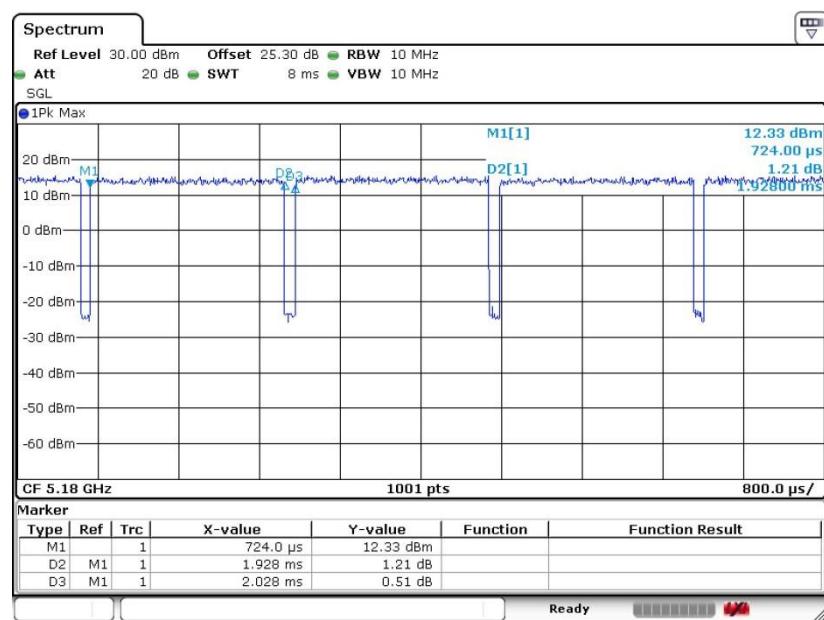


## MIMO &lt;Ant. 1&gt;

## 802.11a

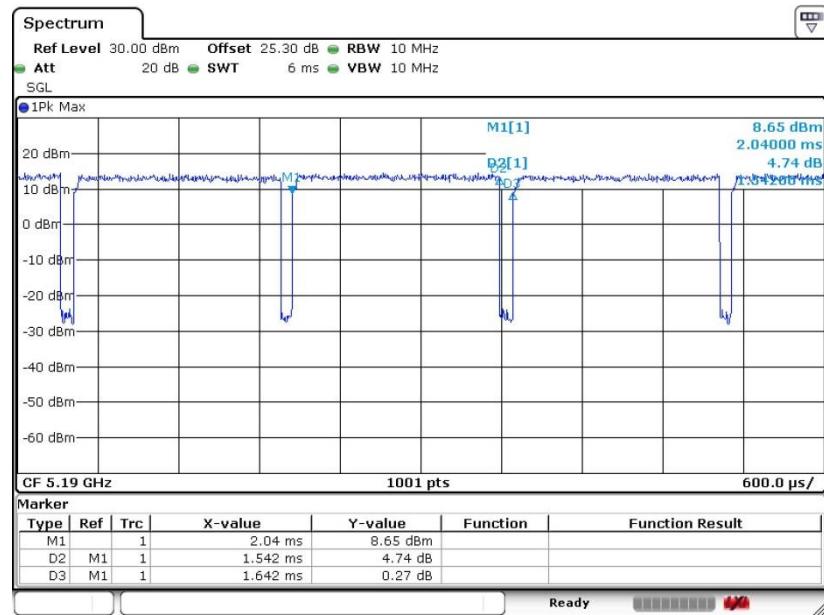


## 802.11n HT20



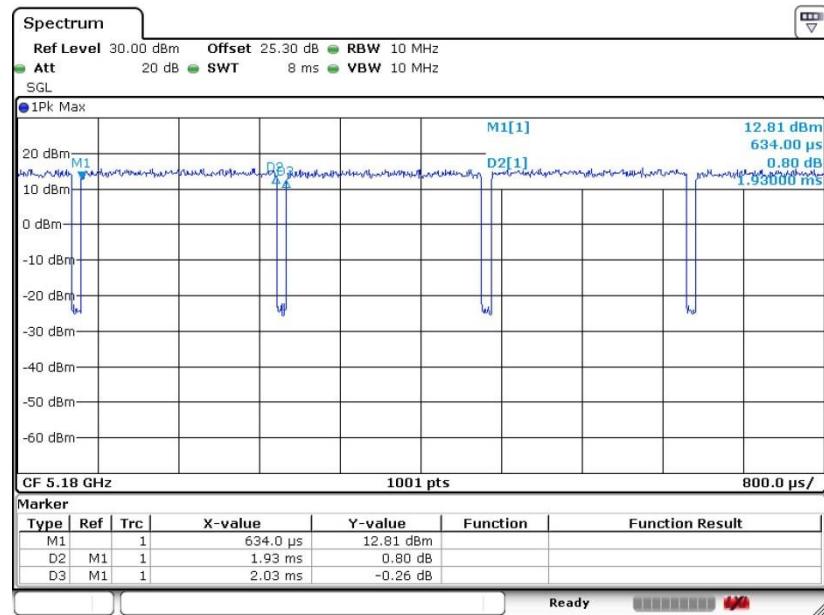


## 802.11n HT40



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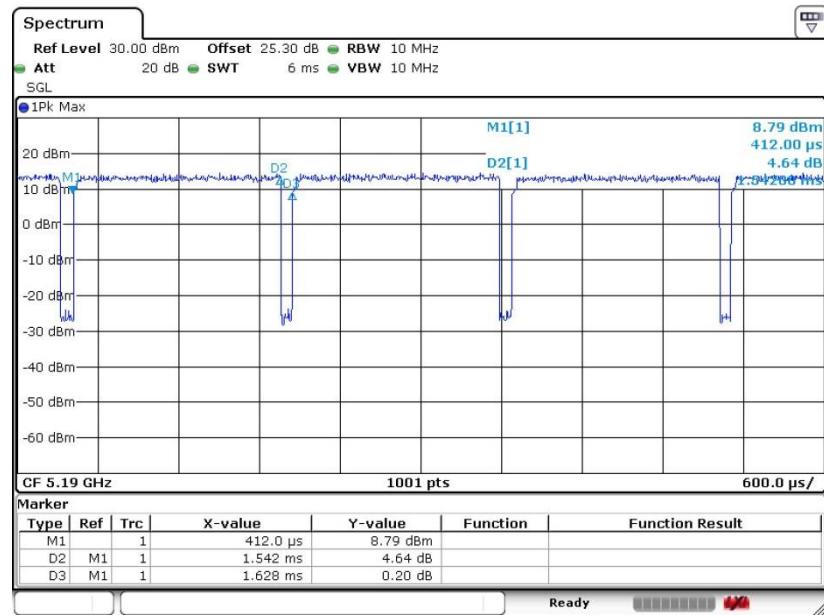
## 802.11ac VHT20



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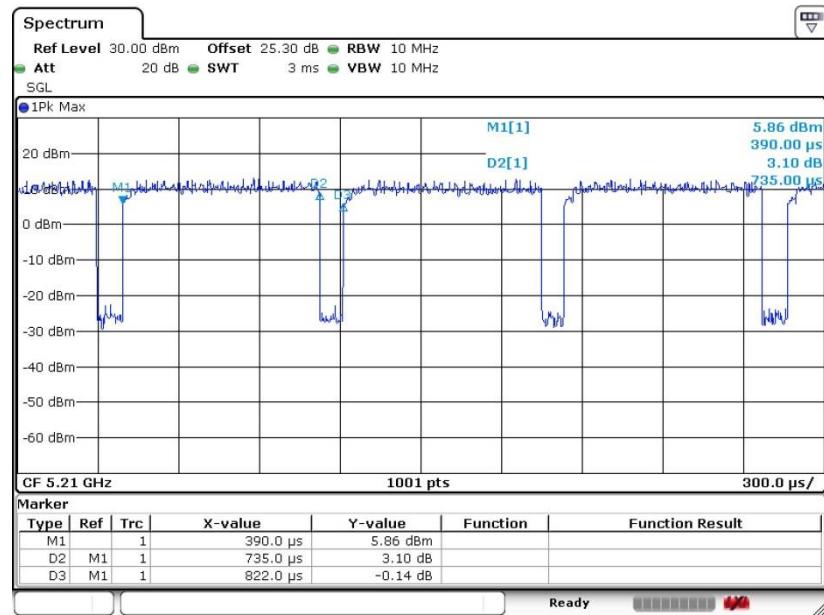


## 802.11ac VHT40



Date: 4.JUL.2019 06:52:56

## 802.11ac VHT80



Date: 4.JUL.2019 07:47:30