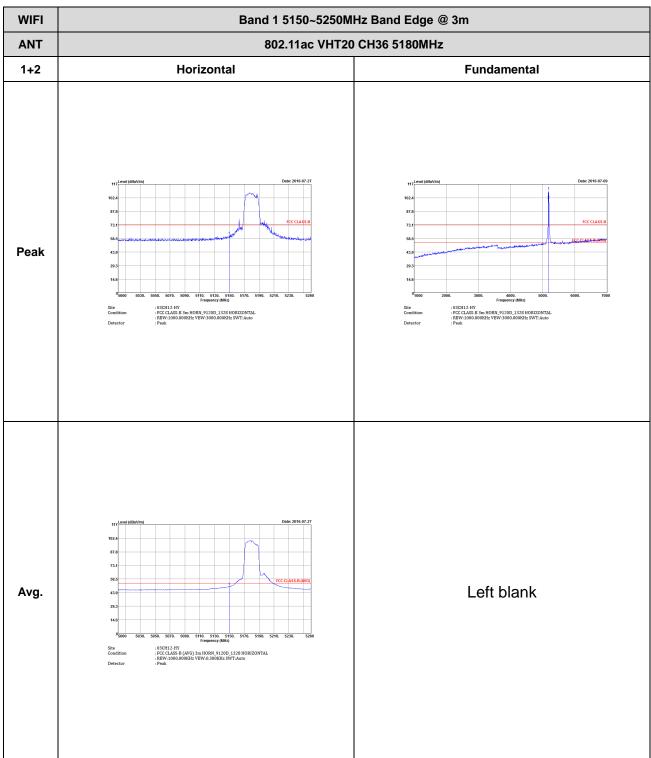
#### <TXBF Modes>

#### Band 1 - 5150~5250MHz

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

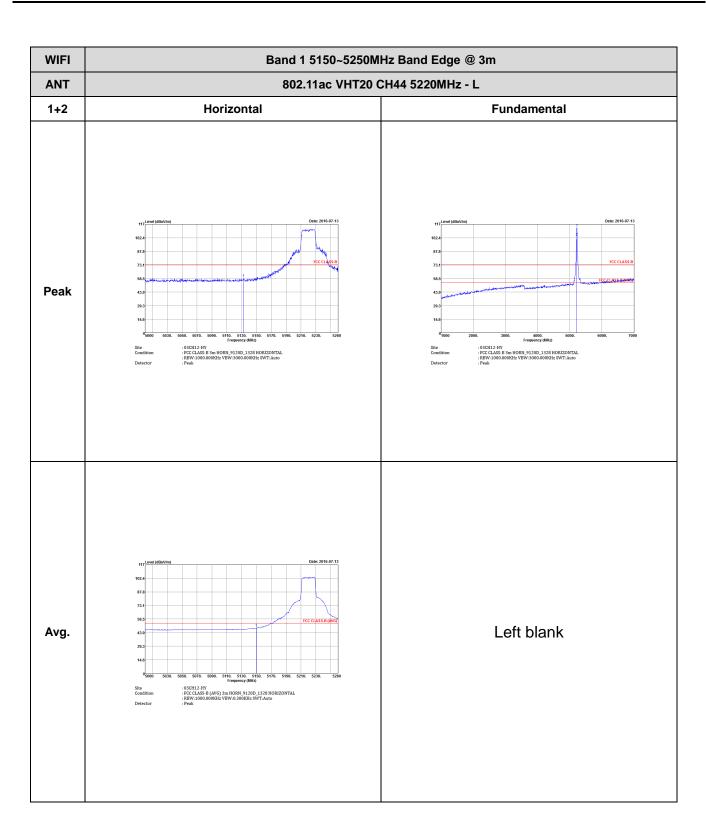


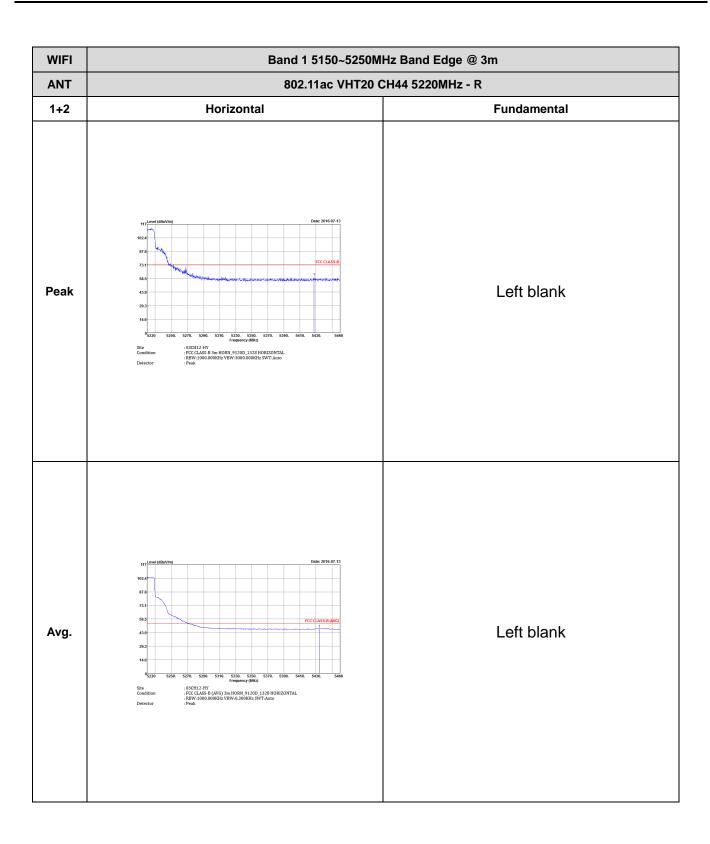
SPORTON INTERNATIONAL INC.

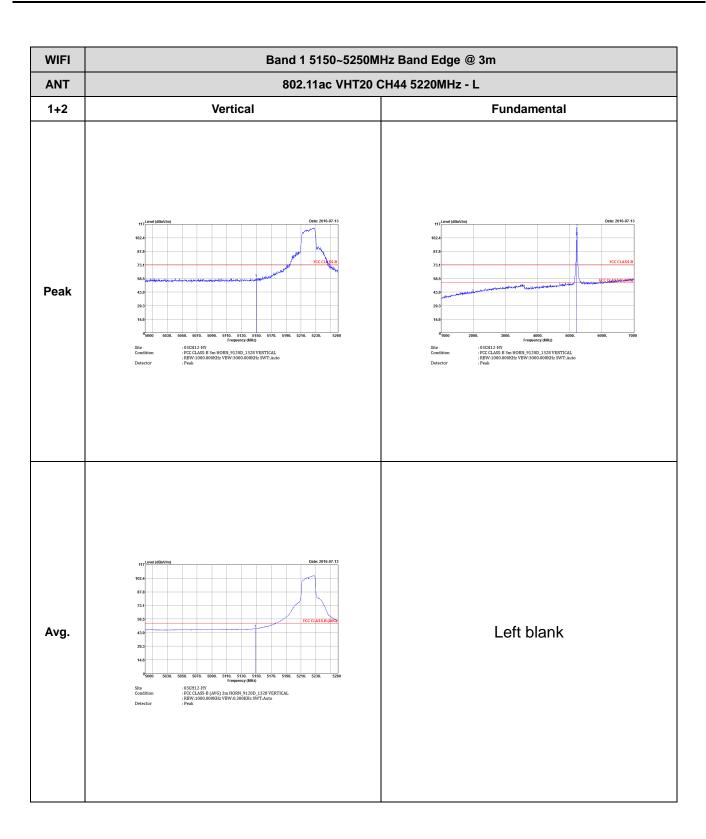
TEL: 886-3-327-3456 FAX: 886-3-328-4978

WIFI Band 1 5150~5250MHz Band Edge @ 3m **ANT** 802.11ac VHT20 CH36 5180MHz 1+2 Vertical **Fundamental** Peak : 03CH12-HY : FCC CLASS-B 3m HORN\_9120D\_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak : 03CH12-HY : FCC CLASS-B 3m HORN\_9120D\_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto: Peak Left blank Avg.

TEL: 886-3-327-3456 FAX: 886-3-328-4978







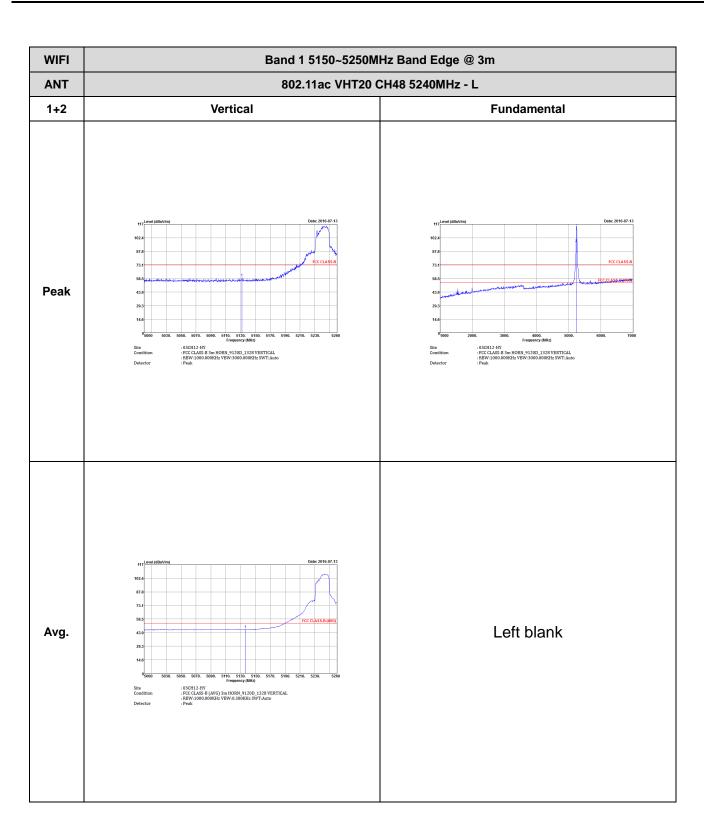
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	T 802.11ac VHT20 CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak	117 Level (diluvium)  Date: 2016.67-13  102.6  07.8  17.1  102.6  10.5	Left blank
Avg.	117 Level (offlot/ins)  102.4  17.1  13.1  14.6  15.2	Left blank

WIFI Band 1 5150~5250MHz Band Edge @ 3m **ANT** 802.11ac VHT20 CH48 5240MHz - L 1+2 Horizontal **Fundamental** Peak :03CH12-HY :FCC CLASS-B 3m HORN\_9120D\_1328 HORIZONTAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto :Peak Left blank Avg.

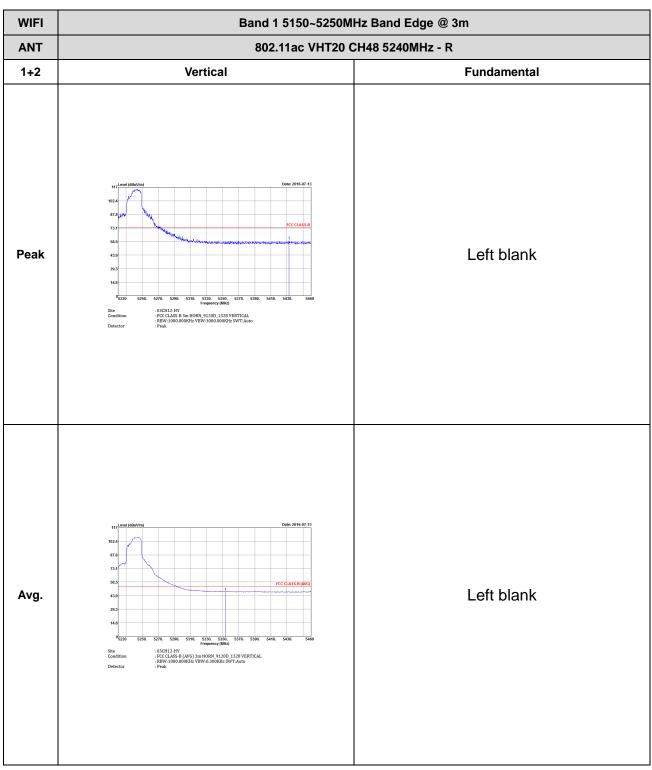
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WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	102.4  102.4  103.4  104.5  105.5  10	Left blank
Avg.	117_Level (dBuVins)  1024  87.8  1024  1024  17.3  1024  17.3  1025  1026  1027  1028  102	Left blank

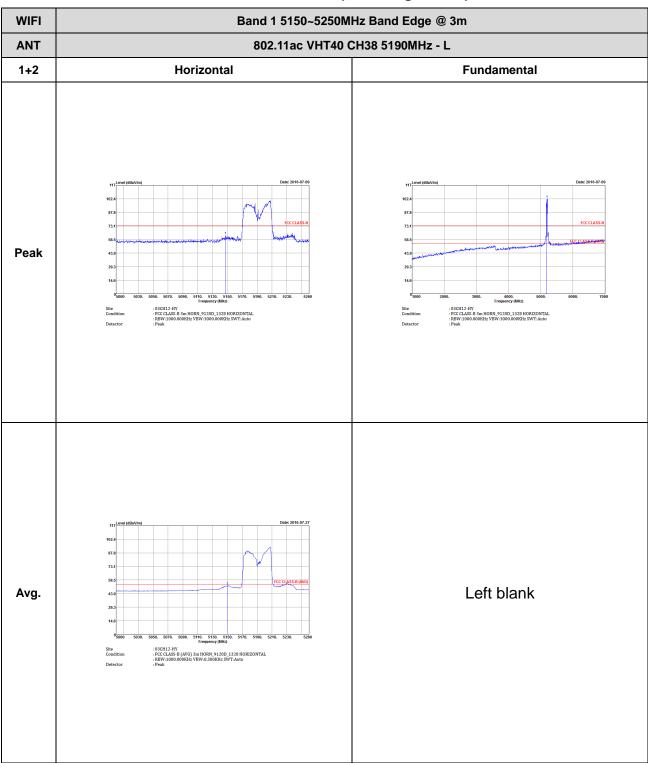


Report No. : FR672014-01E

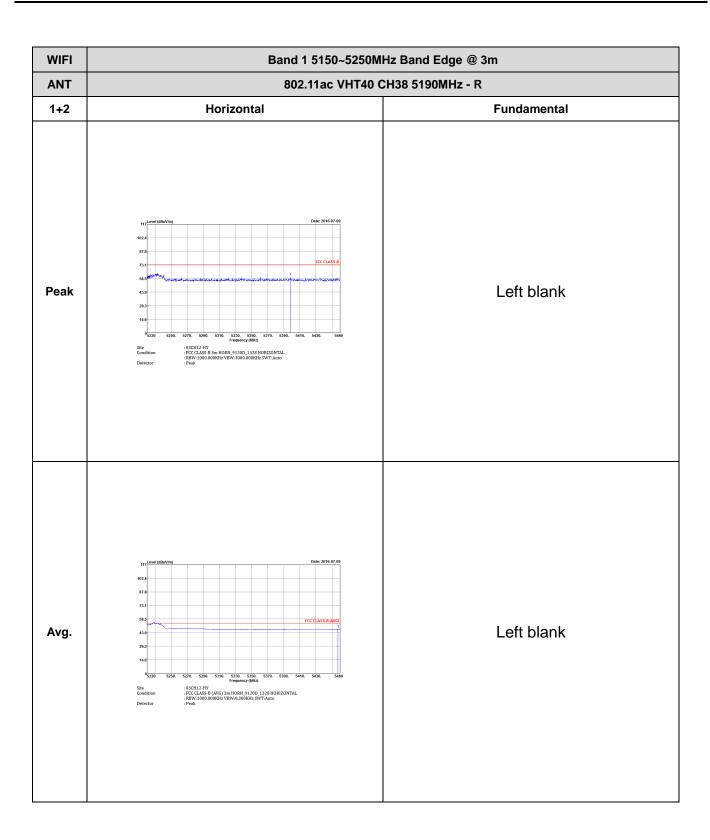


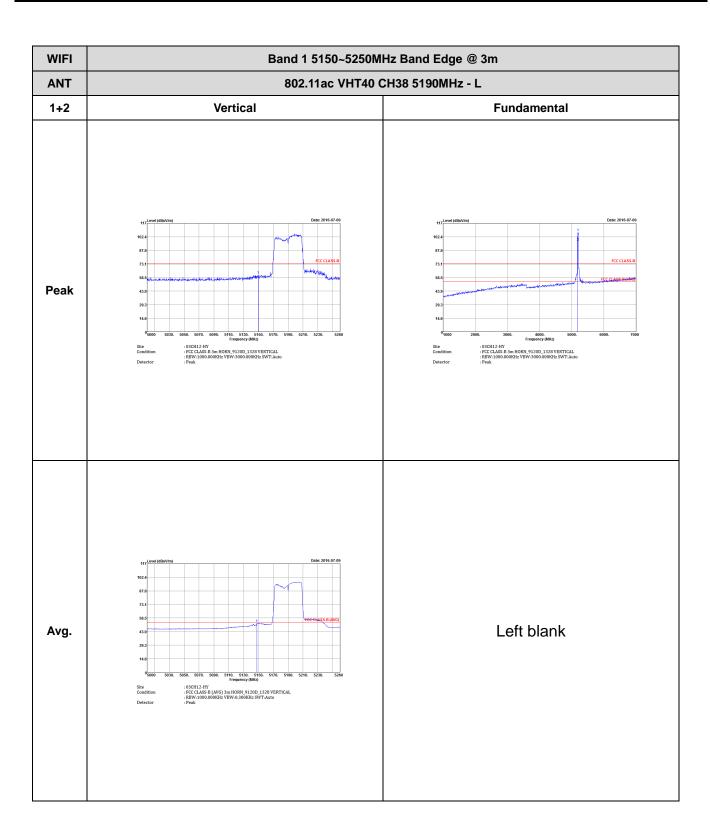
TEL: 886-3-327-3456 FAX: 886-3-328-4978

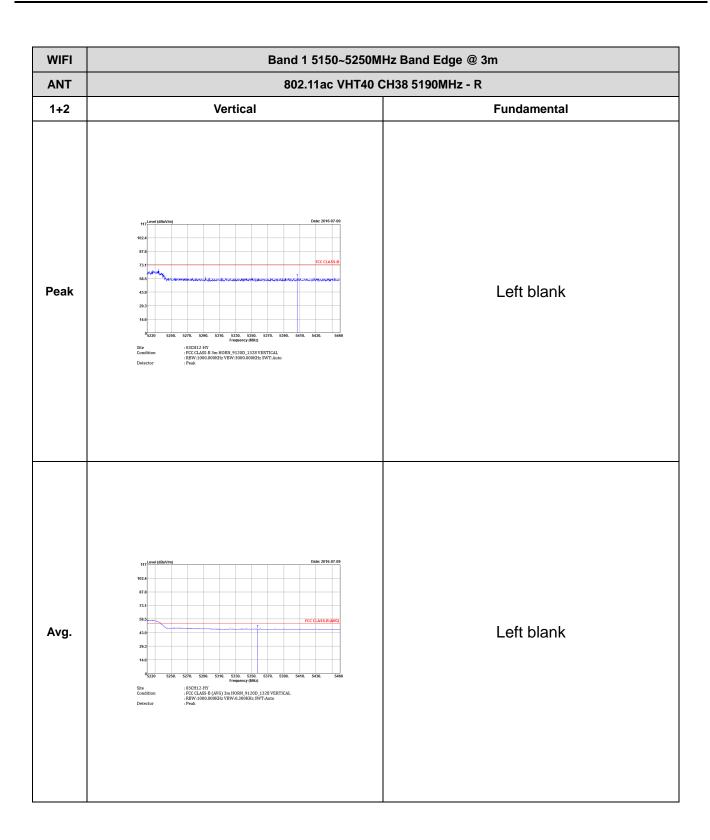
# Band 1 5150~5250MHz WIFI 802.11ac VHT40 (Band Edge @ 3m)

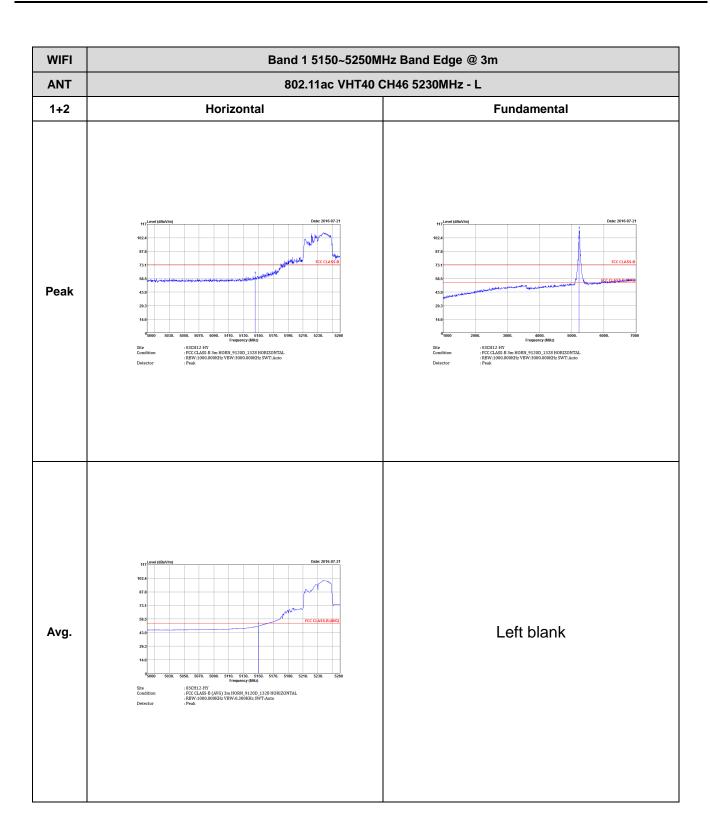


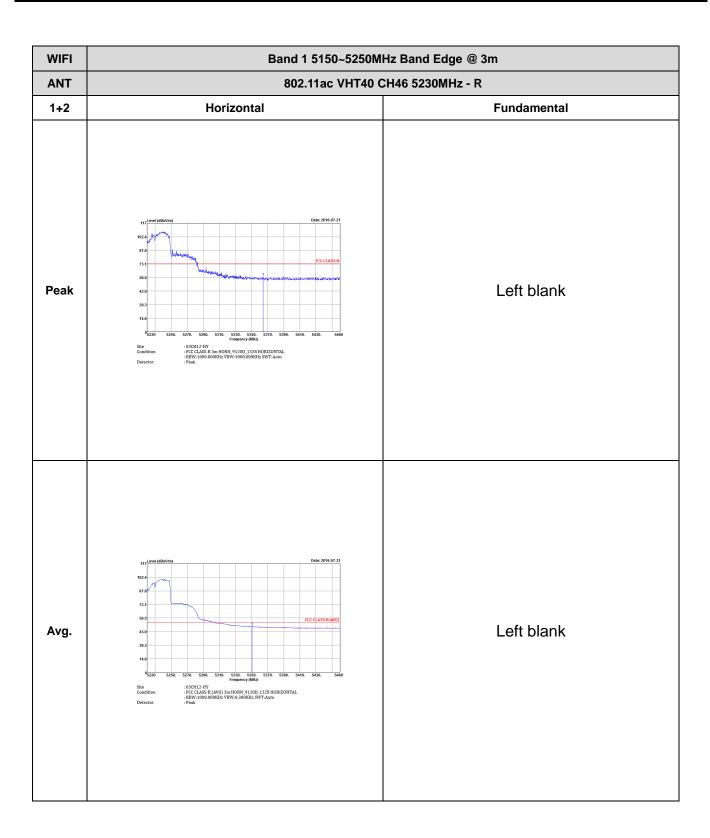
TEL: 886-3-327-3456 FAX: 886-3-328-4978











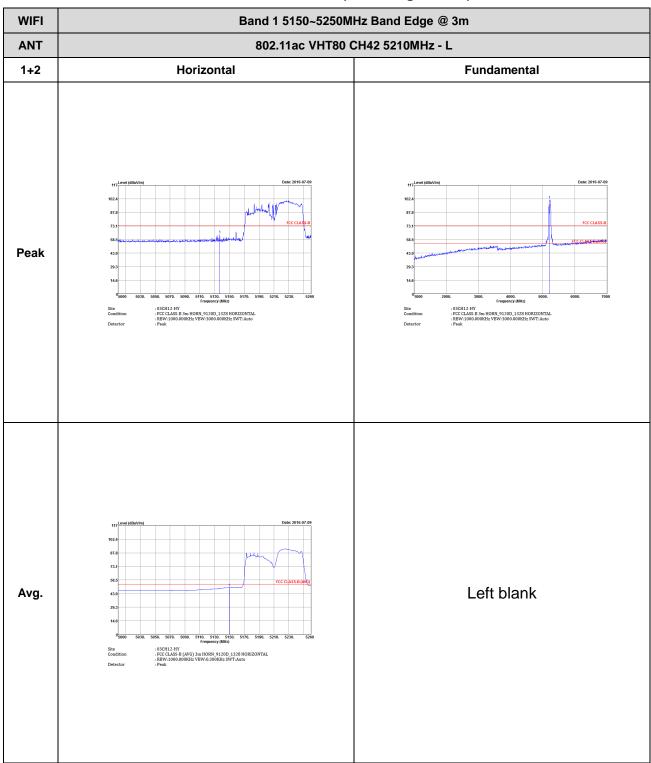
WIFI Band 1 5150~5250MHz Band Edge @ 3m **ANT** 802.11ac VHT40 CH46 5230MHz - L 1+2 Vertical **Fundamental** Peak Left blank Avg.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

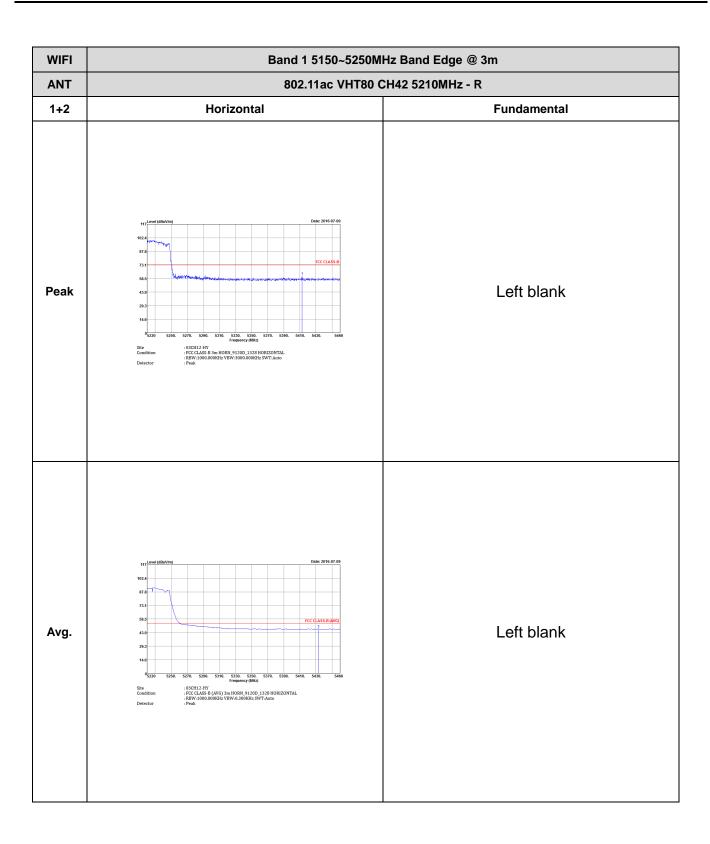
WIFI Band 1 5150~5250MHz Band Edge @ 3m **ANT** 802.11ac VHT40 CH46 5230MHz - R 1+2 Vertical **Fundamental** Peak Left blank Left blank Avg.

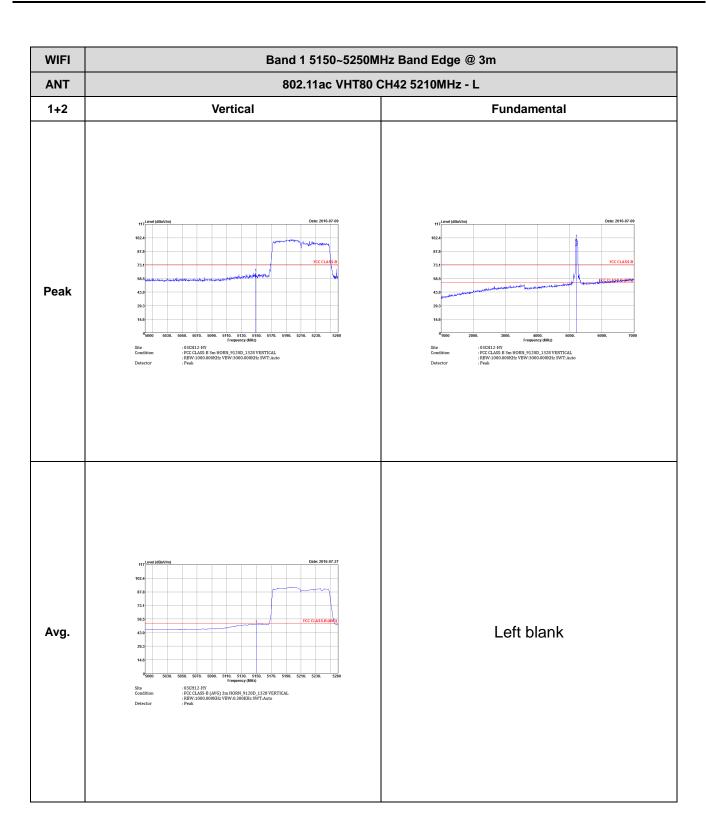
TEL: 886-3-327-3456 FAX: 886-3-328-4978

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



TEL: 886-3-327-3456 FAX: 886-3-328-4978





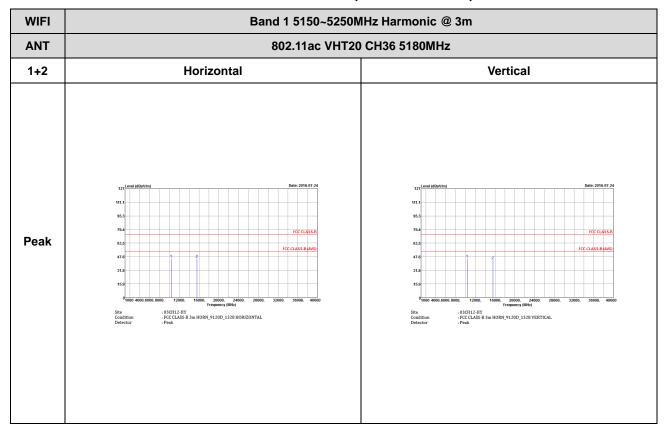
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	NT 802.11ac VHT80 CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak	117 Level (sillavim)  1024  107.8  108.0  109.0  10	Left blank
Avg.	117 Level (siths/rm)  102.4  87.8  73.4  58.5  43.9  62.20  52.90	Left blank

#### Band 1 - 5150~5250MHz

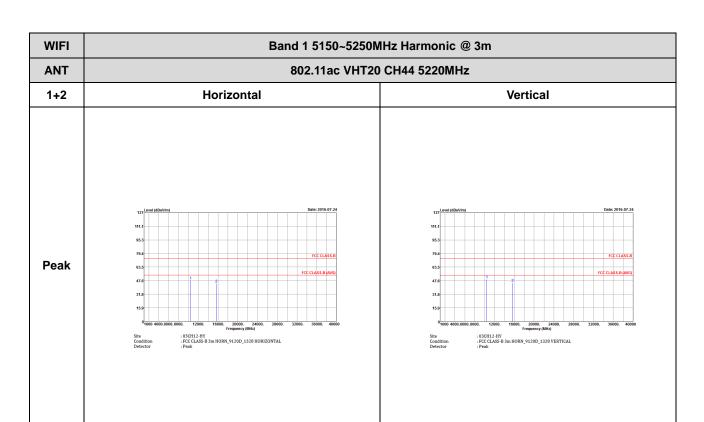
Report No. : FR672014-01E

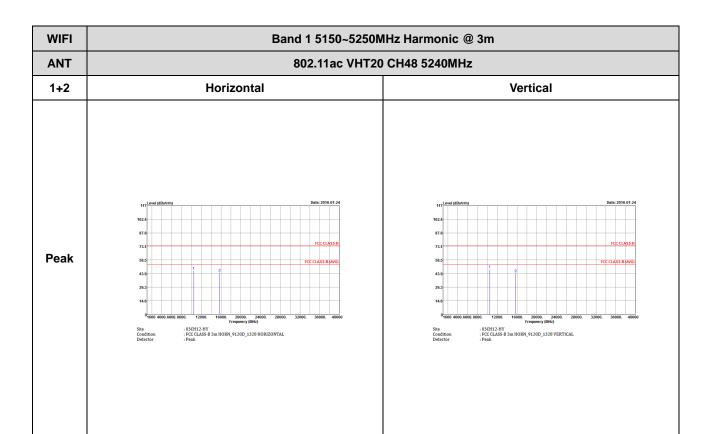
: C4-23of 94

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

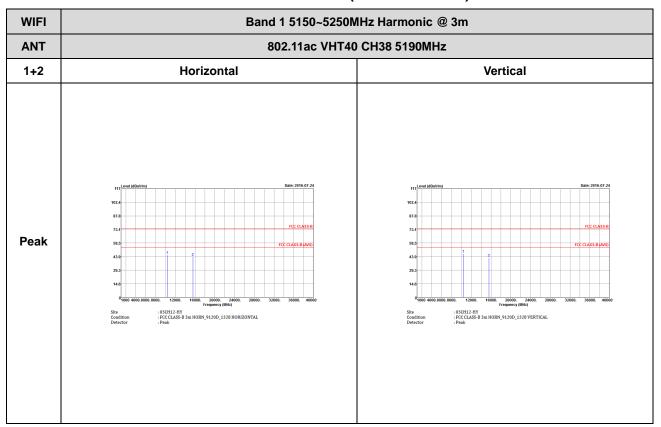


TEL: 886-3-327-3456 FAX: 886-3-328-4978

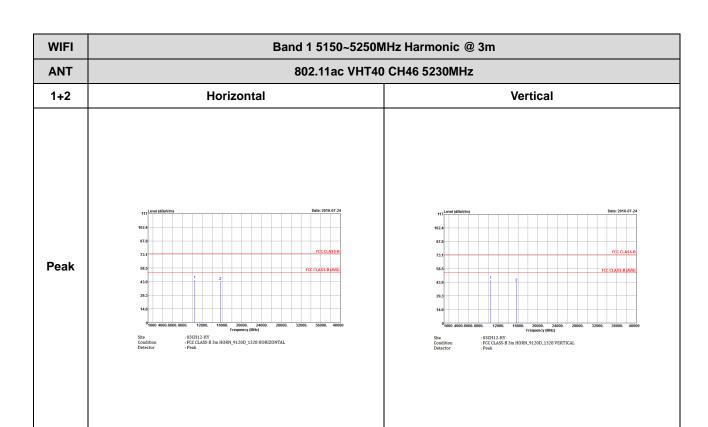




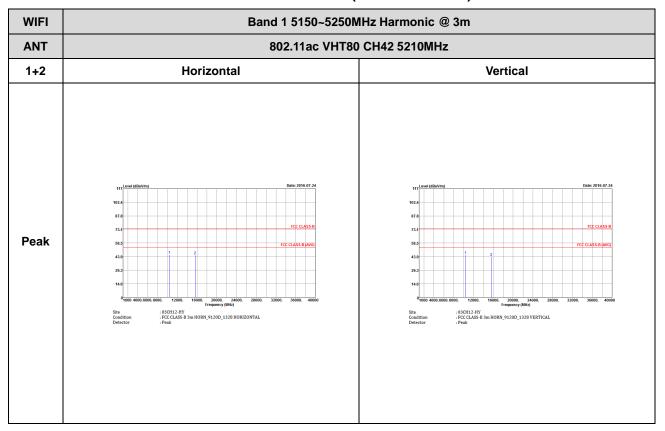
## Band 1 5150~5250MHz WIFI 802.11ac VHT40 (Harmonic @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978



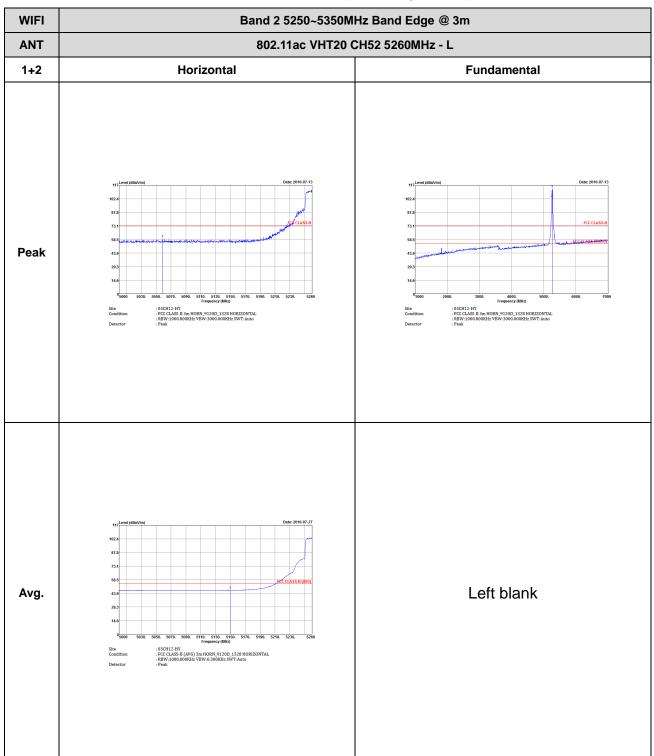
## Band 1 5150~5250MHz WIFI 802.11ac VHT80 (Harmonic @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978

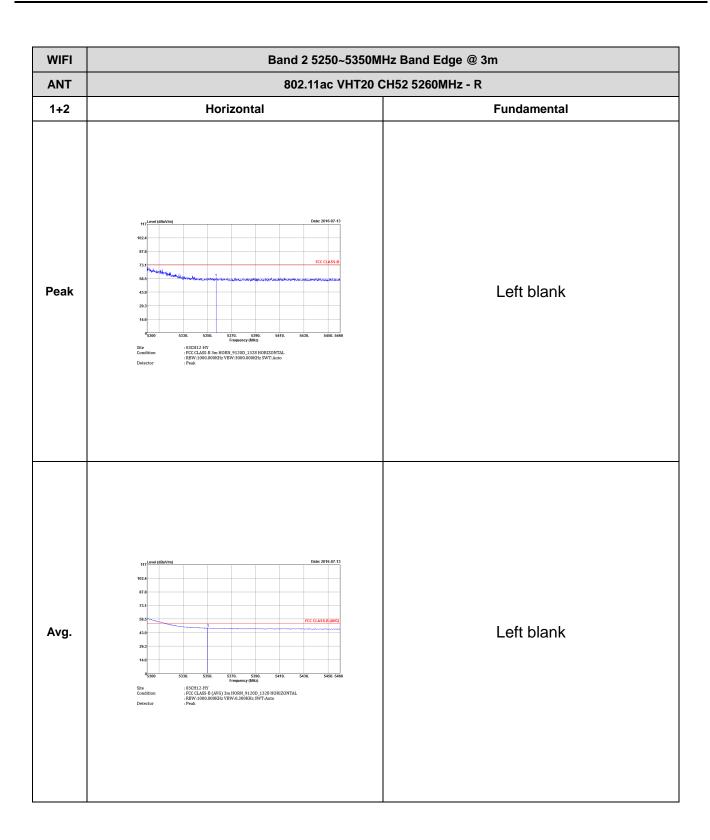
## Band 2 - 5250~5350MHz

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



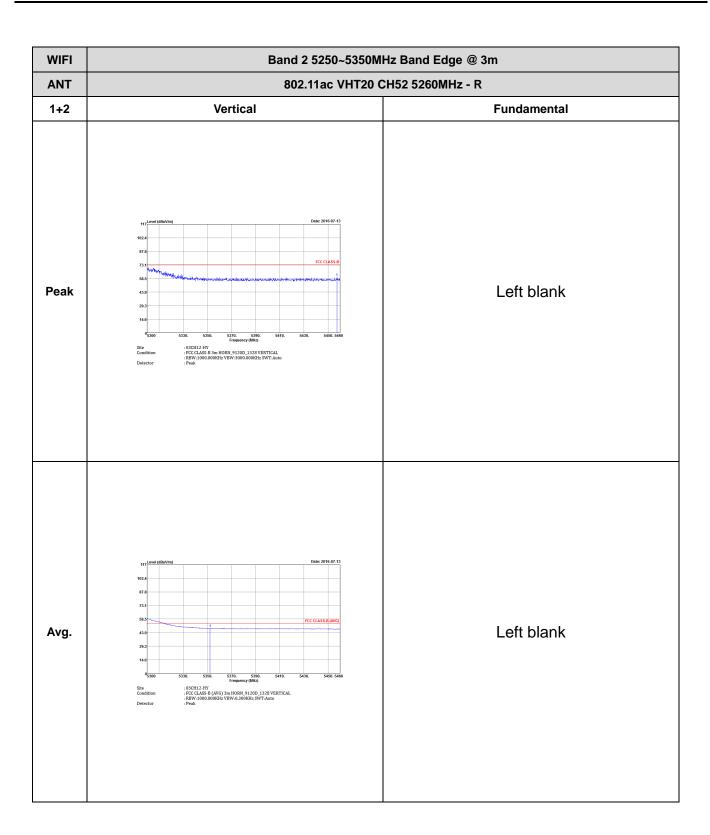
SPORTON INTERNATIONAL INC.

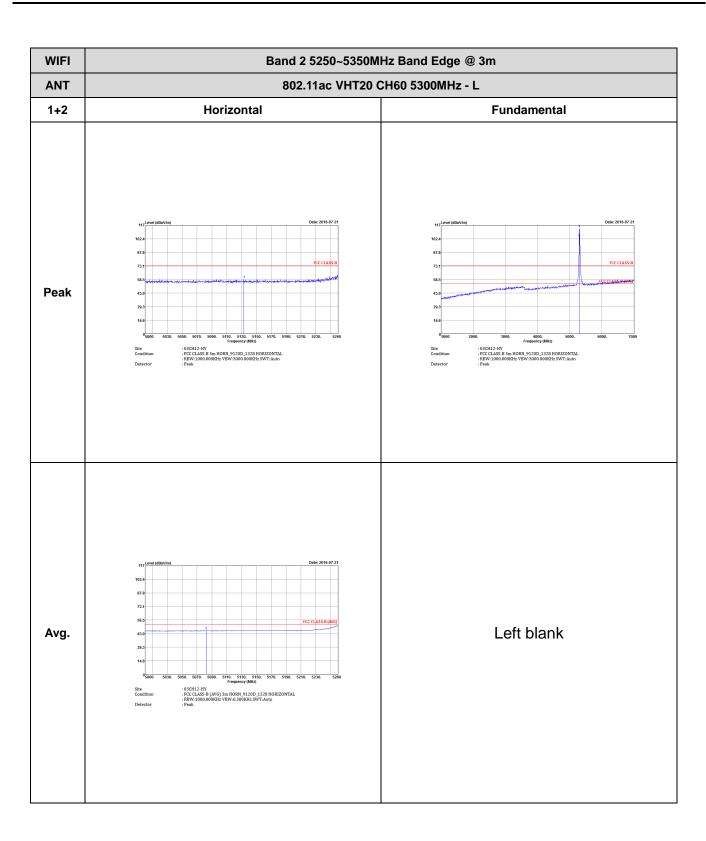
TEL: 886-3-327-3456 FAX: 886-3-328-4978

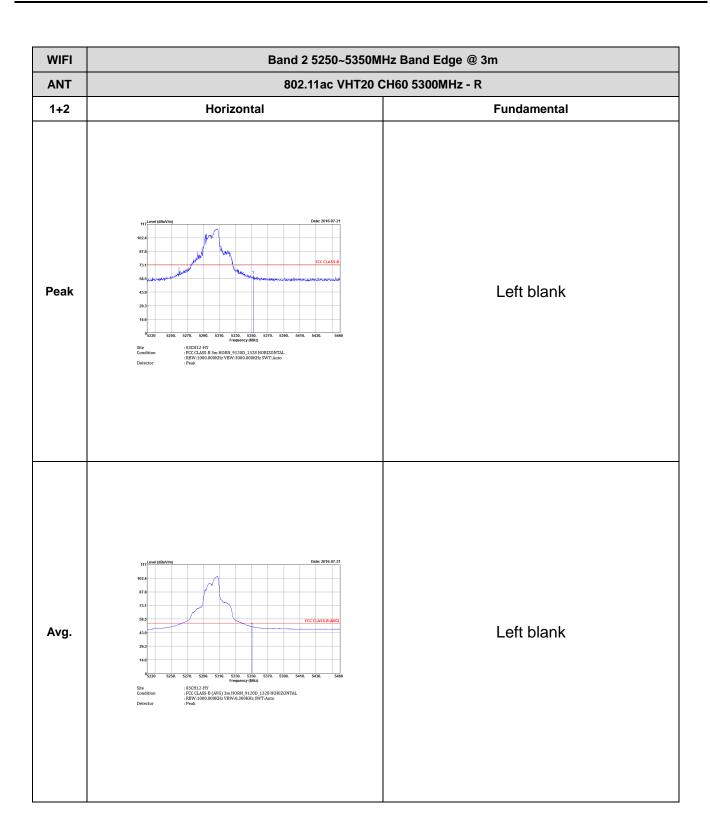


WIFI Band 2 5250~5350MHz Band Edge @ 3m **ANT** 802.11ac VHT20 CH52 5260MHz - L 1+2 Vertical **Fundamental** Peak : 03CH12-HY : FCC CLASS-B 3m HORN\_9120D\_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak Left blank Avg.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

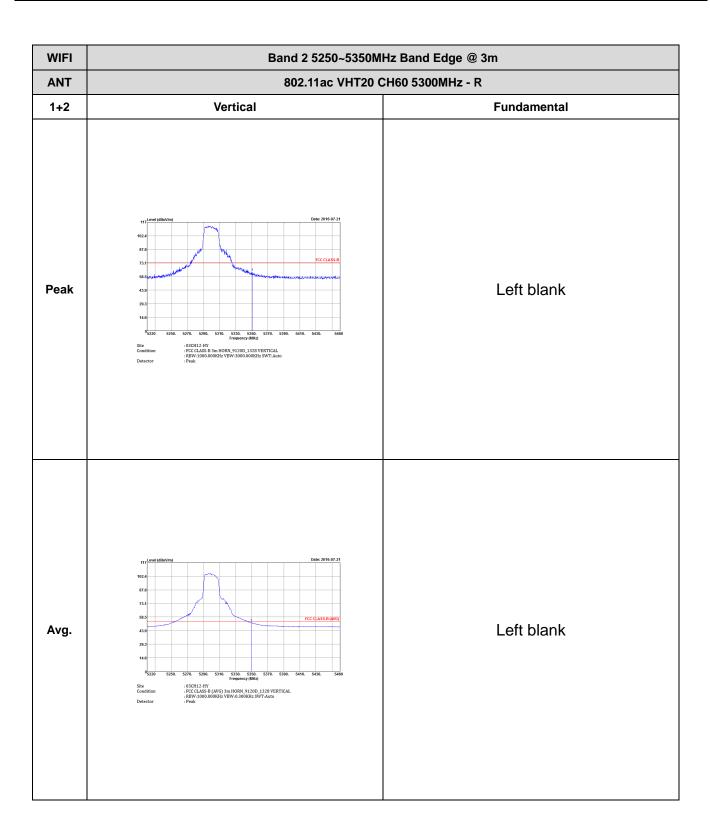


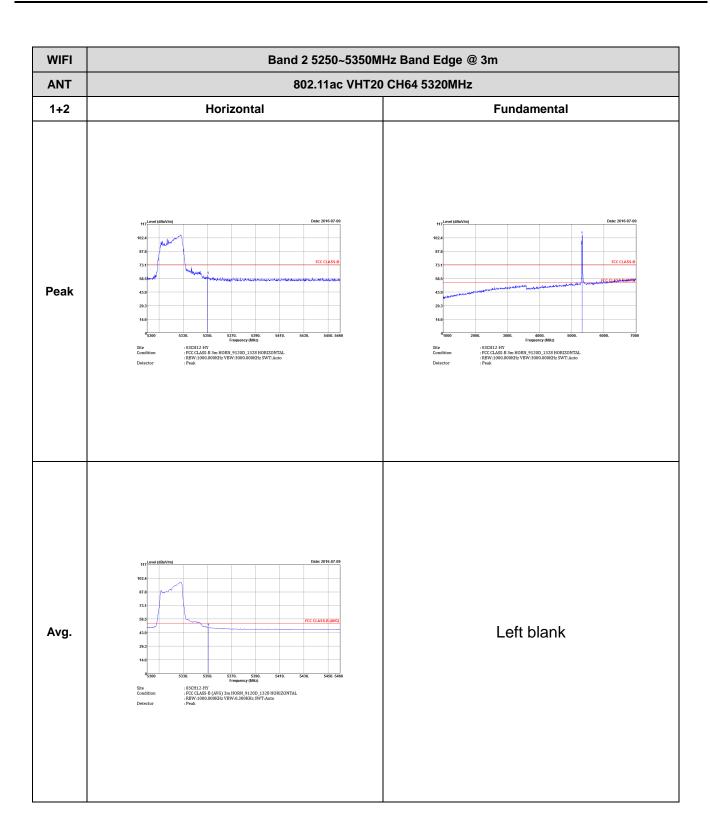




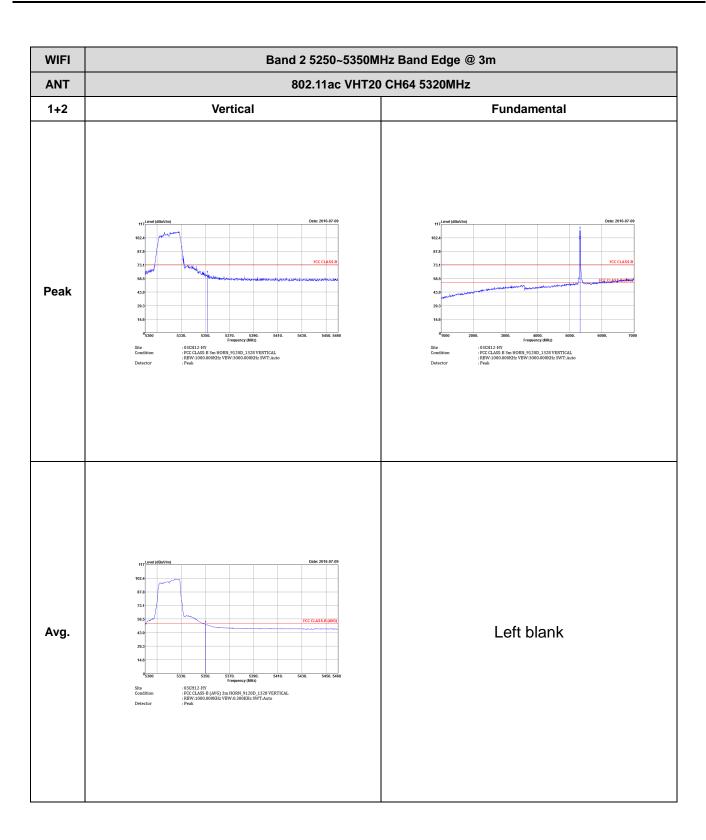
WIFI Band 2 5250~5350MHz Band Edge @ 3m **ANT** 802.11ac VHT20 CH60 5300MHz - L 1+2 Vertical **Fundamental** Peak : 03CH12-HY : FCC CLASS-B 3m HORN\_9120D\_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak Left blank Avg.

TEL: 886-3-327-3456 FAX: 886-3-328-4978



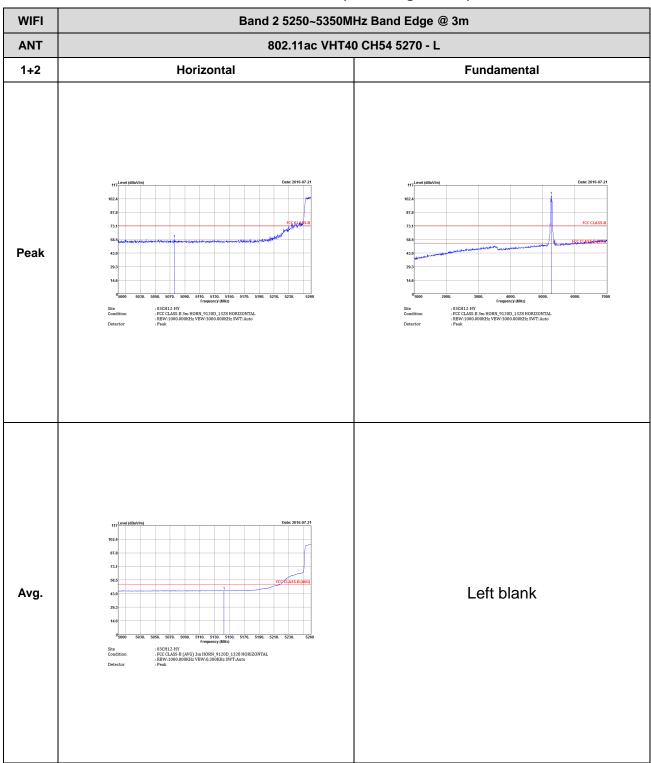


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## Band 2 5250~5350MHz WIFI 802.11ac VHT40 (Band Edge @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978

WIFI		
ANT		
1+2	Horizontal	Fundamental
Peak	117   1   1   1   1   1   1   1   1   1	Left blank
Avg.	1172 - Free (differ/time)  Date: 2016-07-21  102.4	Left blank

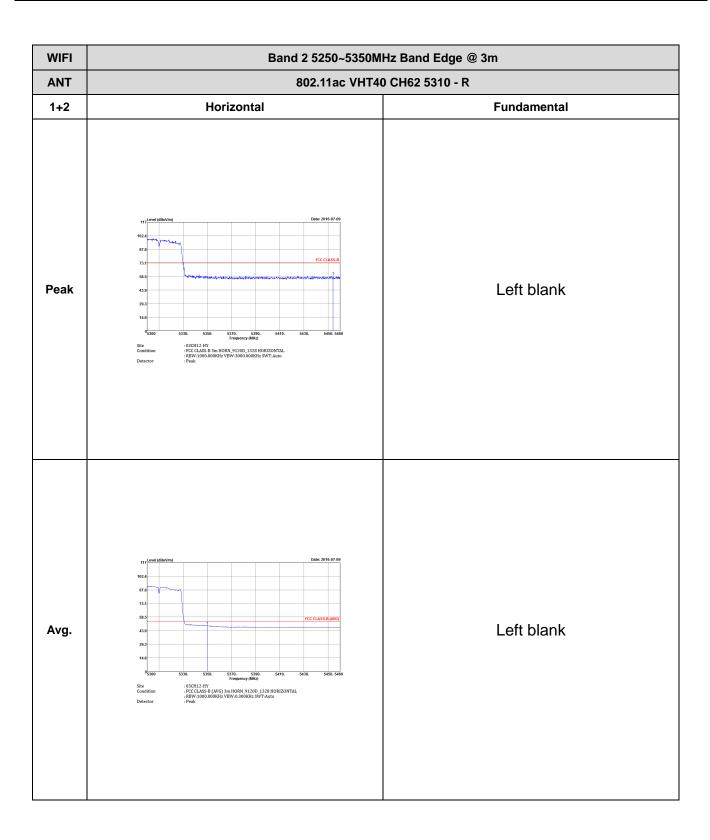
WIFI Band 2 5250~5350MHz Band Edge @ 3m **ANT** 802.11ac VHT40 CH54 5270 - L 1+2 Vertical **Fundamental** Peak Frequency (MHz):
03CH12-HY:
FCC CLASS-B 3m HORN\_9120D\_1328 VERTICAL:
RBW:1000.000KHz VBW:3000.000KHz SWT:Auto:
Peak : 03CH12-HY : FCC CLASS-B 3m HORN\_9120D\_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak Left blank Avg.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - R	
1+2	Vertical	Fundamental
Peak	117_Level (dBbV/nm)  102.4  07.8  72.1  102.4  103.6  104.6  105.	Left blank
Avg.	117 Level (officivitis)  102.4  102.4  103.6  173.1  54.5  54.5  16C CLASS 8 (AVID)  14.6  0 5220 5296 5270 5296 5310 5330 5396 5378 5396 5416 5430 5410  Site  10 SCH12 HY  Condition  FCC CLASS 8 (AVID) 3m HORN, 912.01 1328 VERTICAL  REWN (1000 DOROKIE VEW- 0.300KHz SVVT.Auto	Left blank

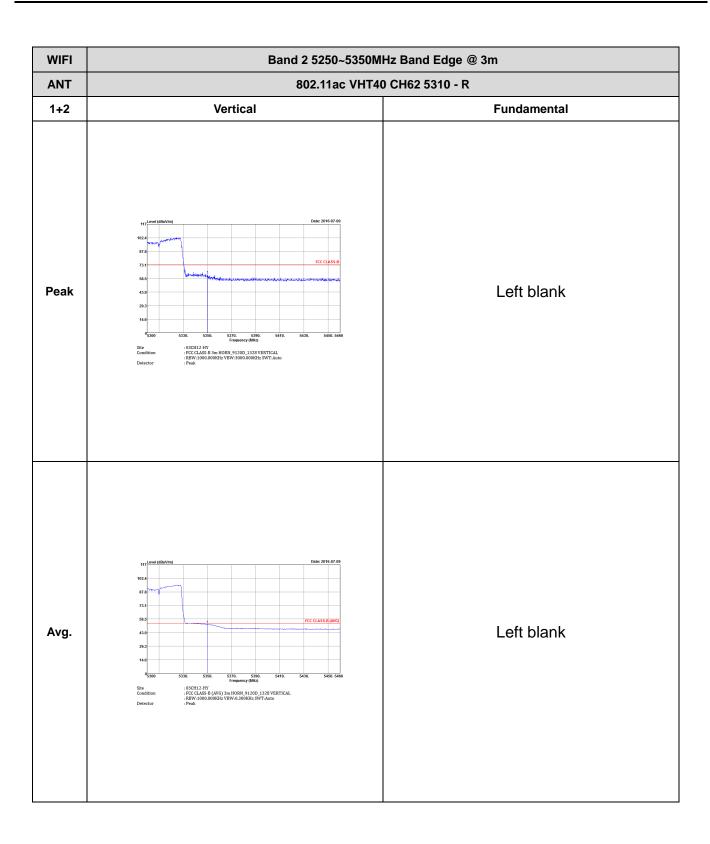
WIFI Band 2 5250~5350MHz Band Edge @ 3m **ANT** 802.11ac VHT40 CH62 5310 - L 1+2 Horizontal **Fundamental** Peak Left blank Avg.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

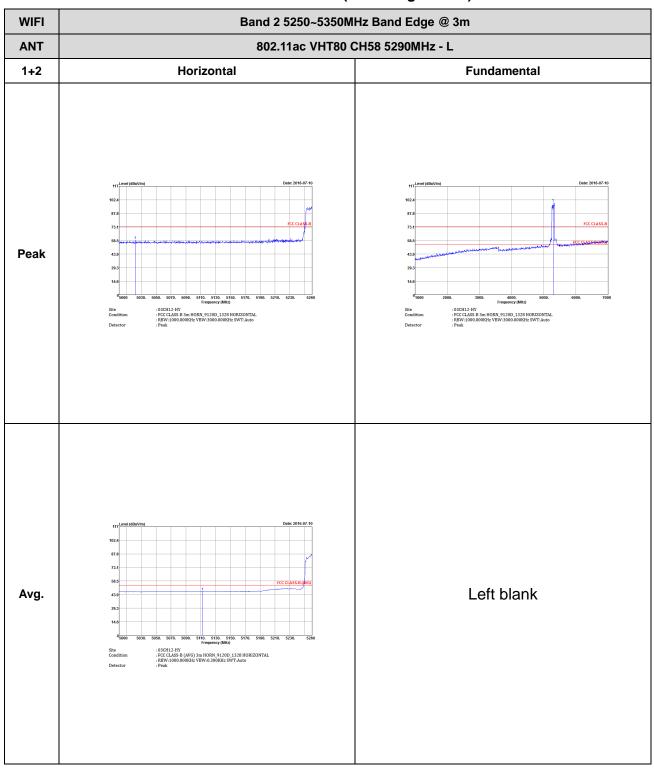


WIFI Band 2 5250~5350MHz Band Edge @ 3m **ANT** 802.11ac VHT40 CH62 5310 - L 1+2 Vertical **Fundamental** Peak Frequency (MHz):
03CH12-HY:
FCC CLASS-B 3m HORN\_9120D\_1328 VERTICAL:
RBW:1000.000KHz VBW:3000.000KHz SWT:Auto:
Peak Left blank Avg.

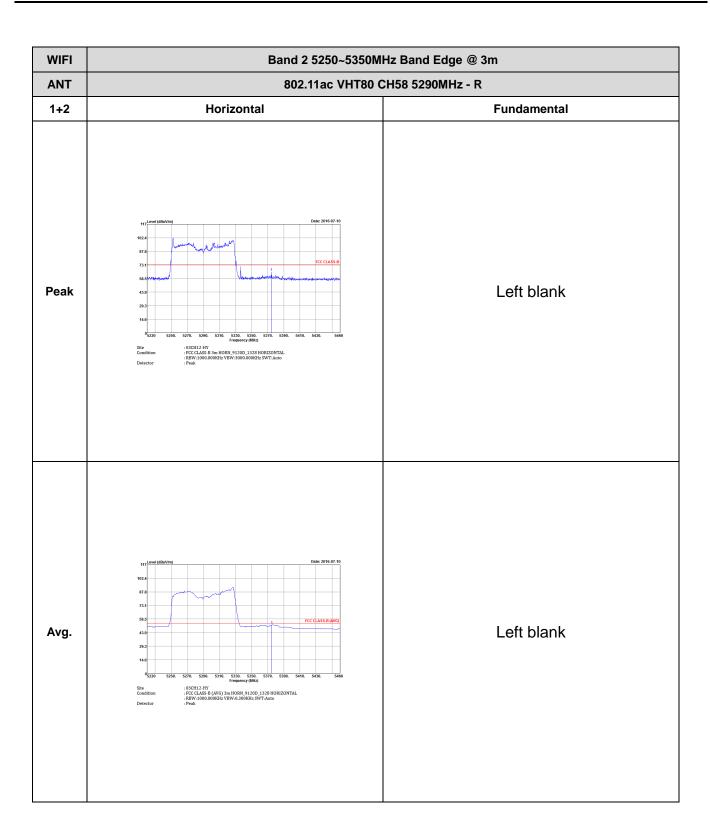
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#### Band 2 5250~5350MHz WIFI 802.11ac VHT80 (Band Edge @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978



WIFI Band 2 5250~5350MHz Band Edge @ 3m **ANT** 802.11ac VHT80 CH58 5290MHz - L 1+2 Vertical **Fundamental** Peak Left blank Avg.

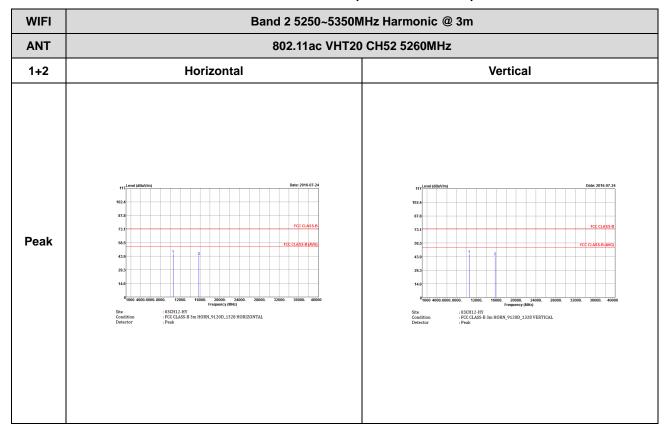
TEL: 886-3-327-3456 FAX: 886-3-328-4978



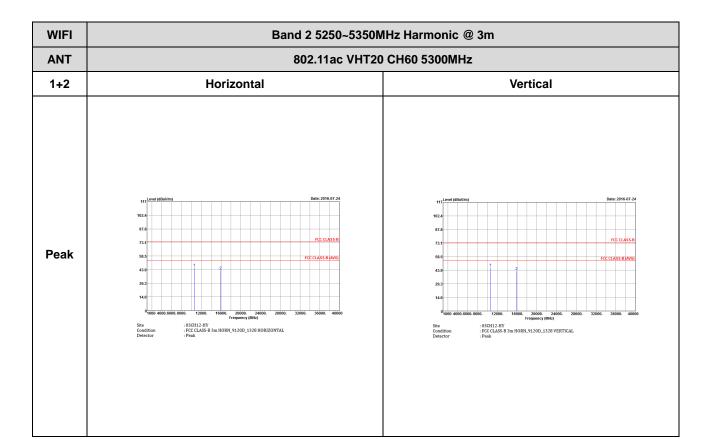
WIFI	Band 2 5250~5350MHz Band Edge @ 3m		
ANT	802.11ac VHT80 CH58 5290MHz - R		
1+2	Vertical	Fundamental	
Peak	172.4  172.4  172.4  172.4  173.4  174.5  175.5  17	Left blank	
Avg.	117 Level (stilavivin)  102.4  173.1  58.5  43.9  43.9  43.9  65.300  53.30.  53.50.  53.70.  53.90.  53.90.  54.90.	Left blank	

#### Band 2 - 5250~5350MHz

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



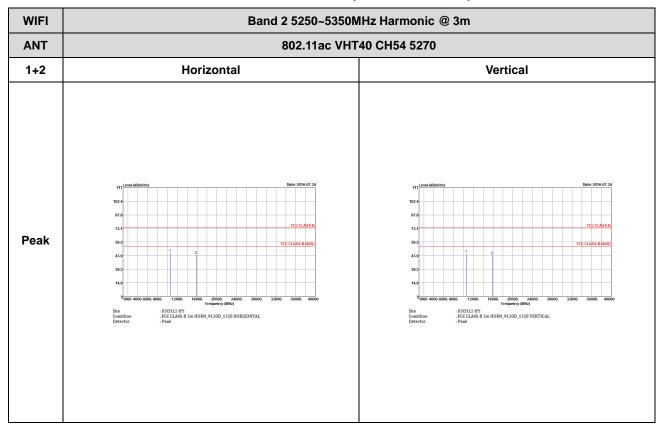
TEL: 886-3-327-3456 FAX: 886-3-328-4978



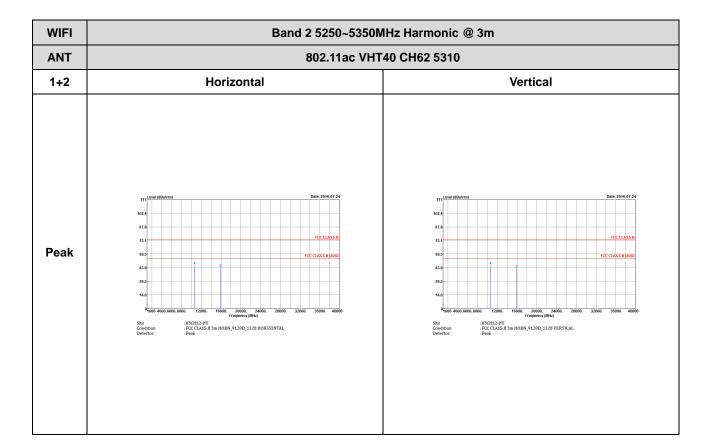
Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978

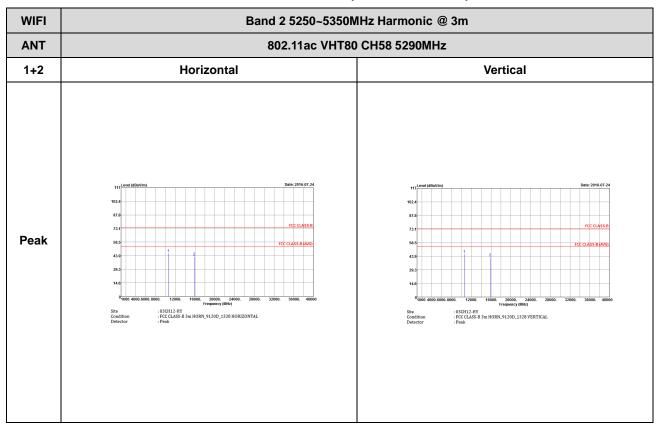
## Band 2 5250~5350MHz WIFI 802.11ac VHT40 (Harmonic @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978



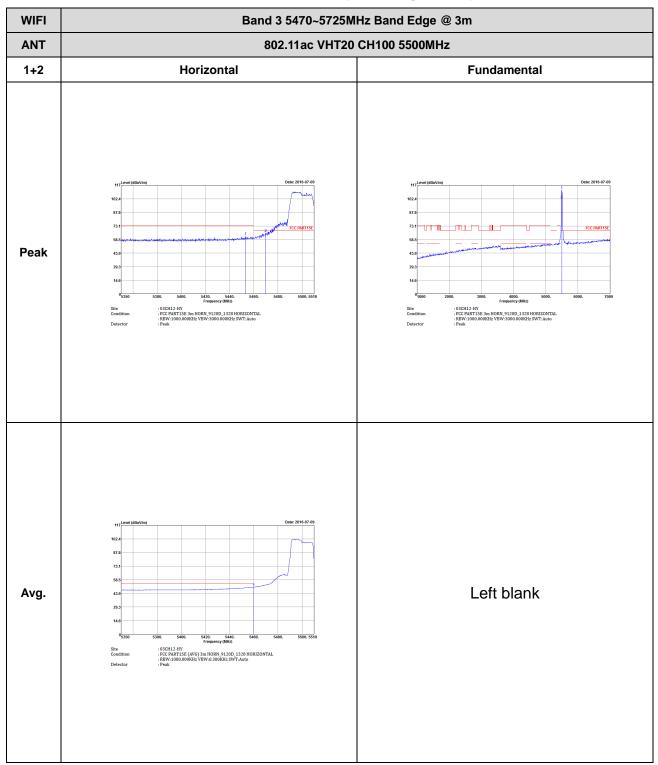
## Band 2 5250~5350MHz WIFI 802.11ac VHT80 (Harmonic @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978

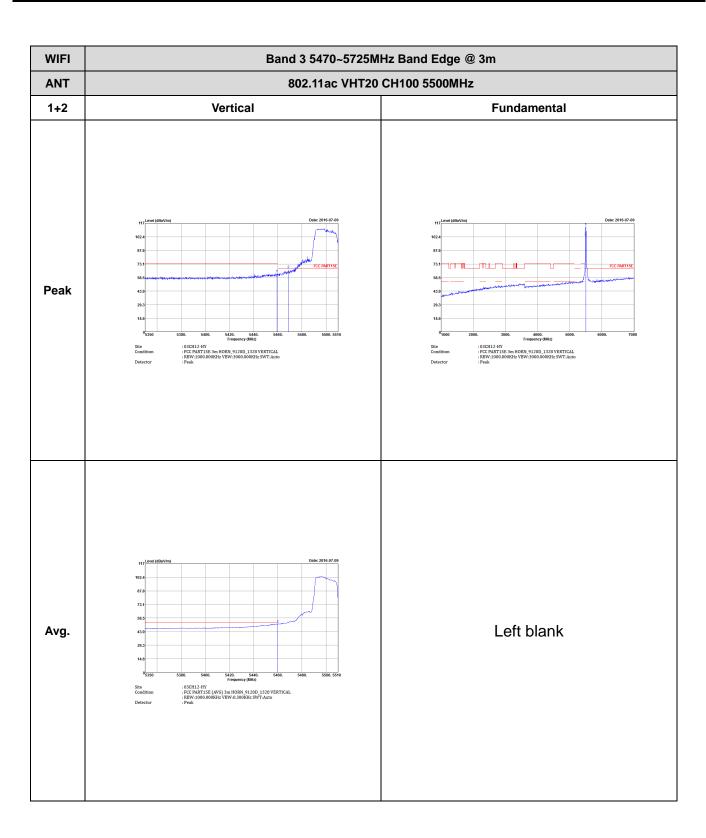
# Band 3 - 5470~5725MHz

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



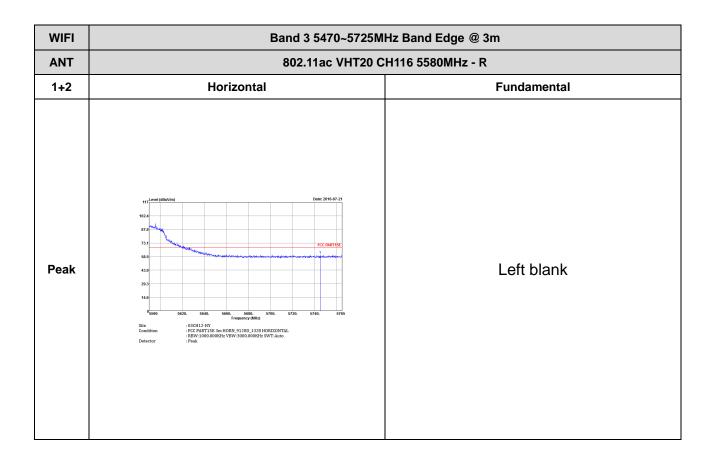
SPORTON INTERNATIONAL INC.

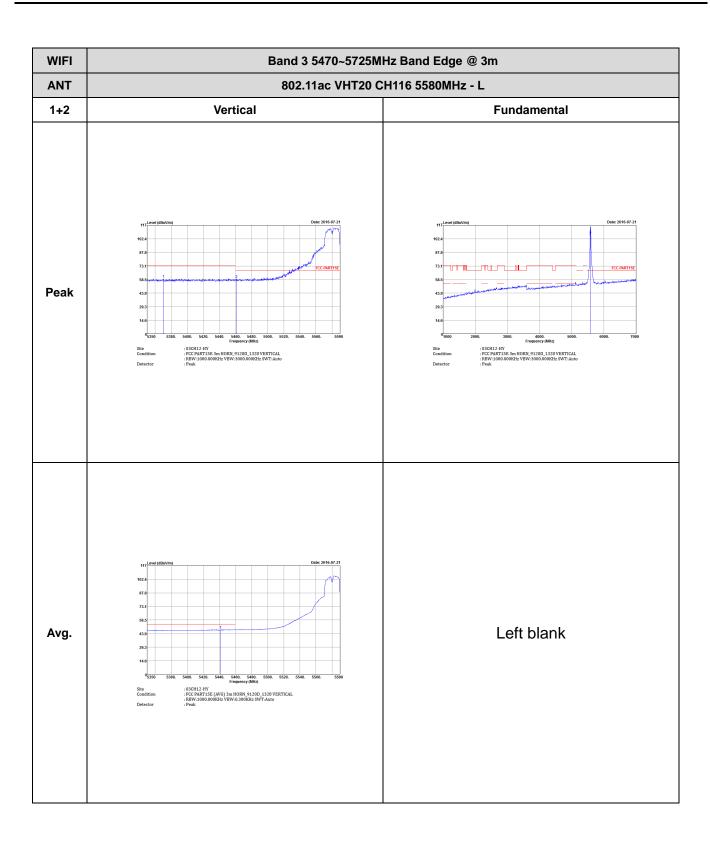
TEL: 886-3-327-3456 FAX: 886-3-328-4978



WIFI Band 3 5470~5725MHz Band Edge @ 3m **ANT** 802.11ac VHT20 CH116 5580MHz - L 1+2 **Fundamental** Horizontal Peak : 03CH12-HY : FCC PART15E 3m HORN\_9120D\_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak Left blank Avg.

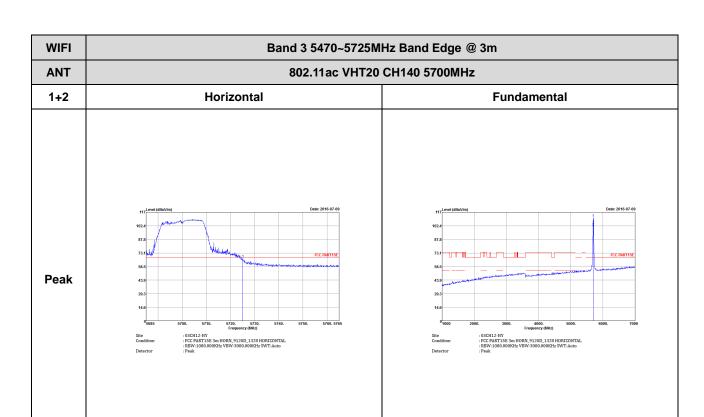
TEL: 886-3-327-3456 FAX: 886-3-328-4978

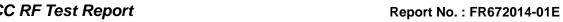


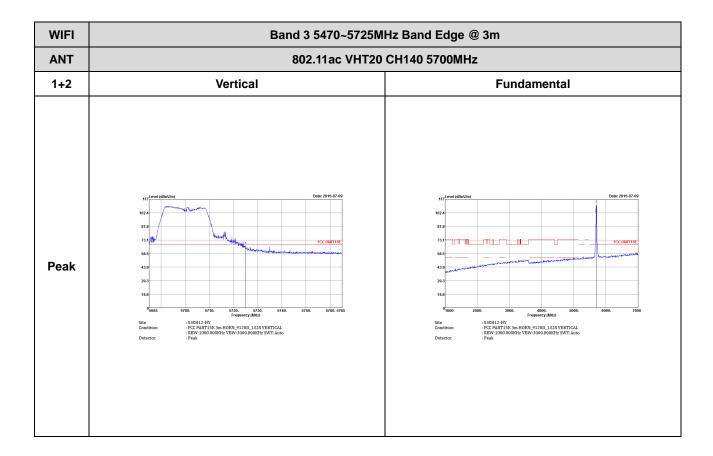


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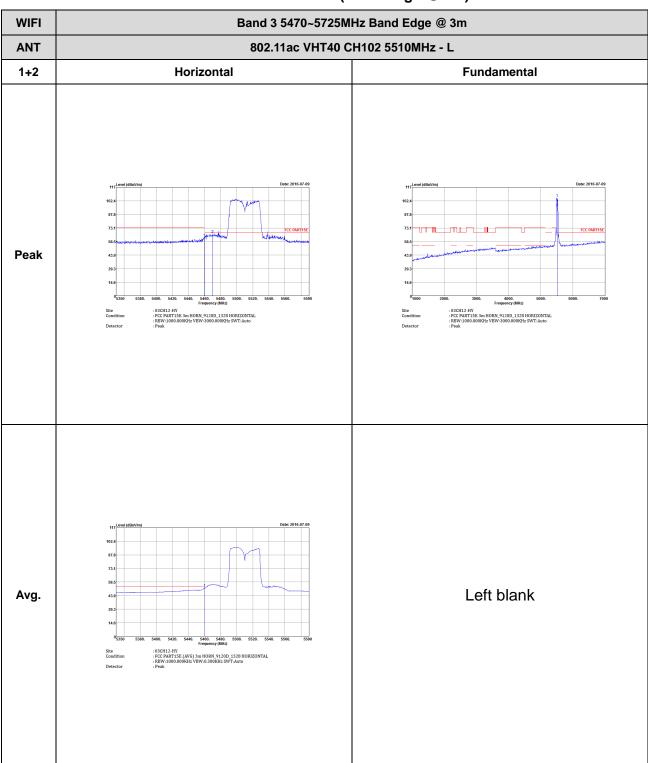
WIFI	Band 3 5470~5725MHz Band Edge @ 3m		
ANT	802.11ac VHT20 CH116 5580MHz - R		
1+2	Vertical	Fundamental	
Peak	117 Level (dibu/min)  102.4  87.8  73.1  73.1  98.5  98.5  98.5  98.5  14.6  98.5  98.0  9	Left blank	



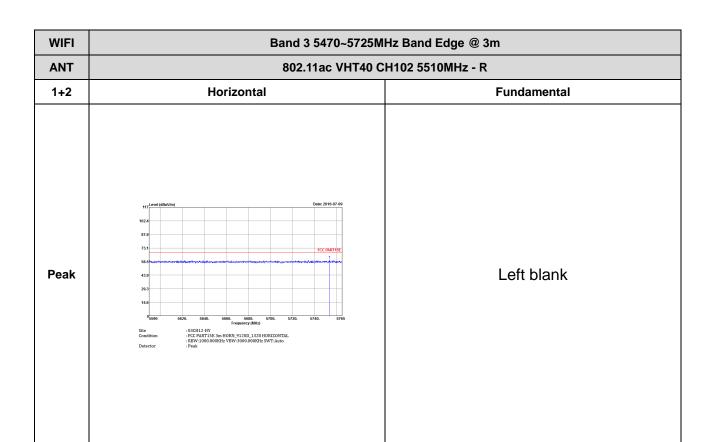


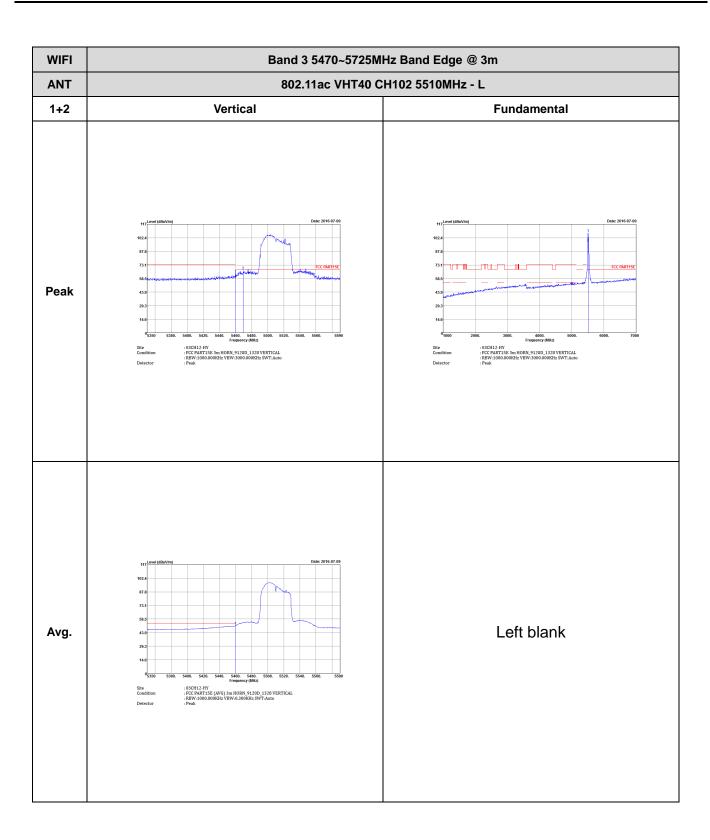


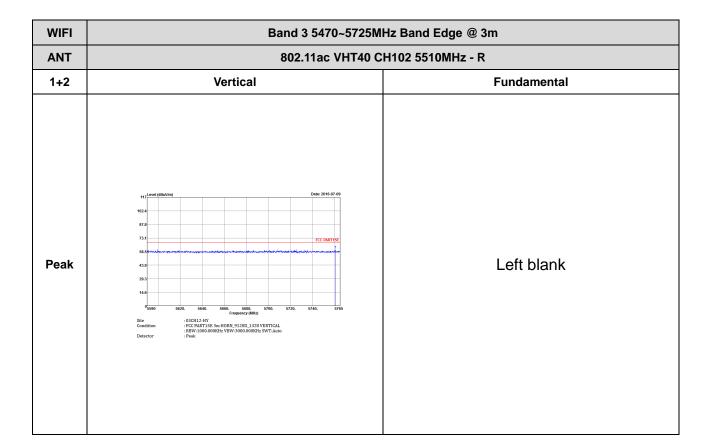
## Band 3 5470~5725MHz WIFI 802.11ac VHT40 (Band Edge @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978

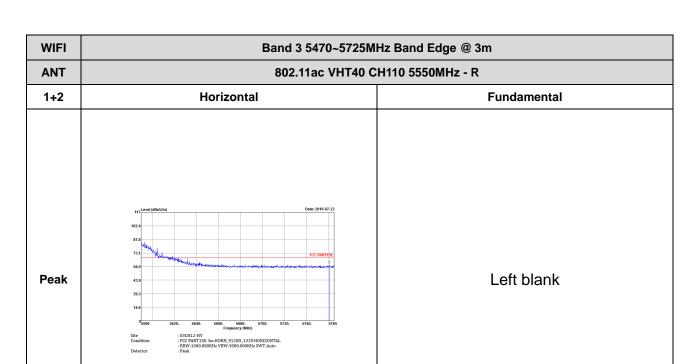


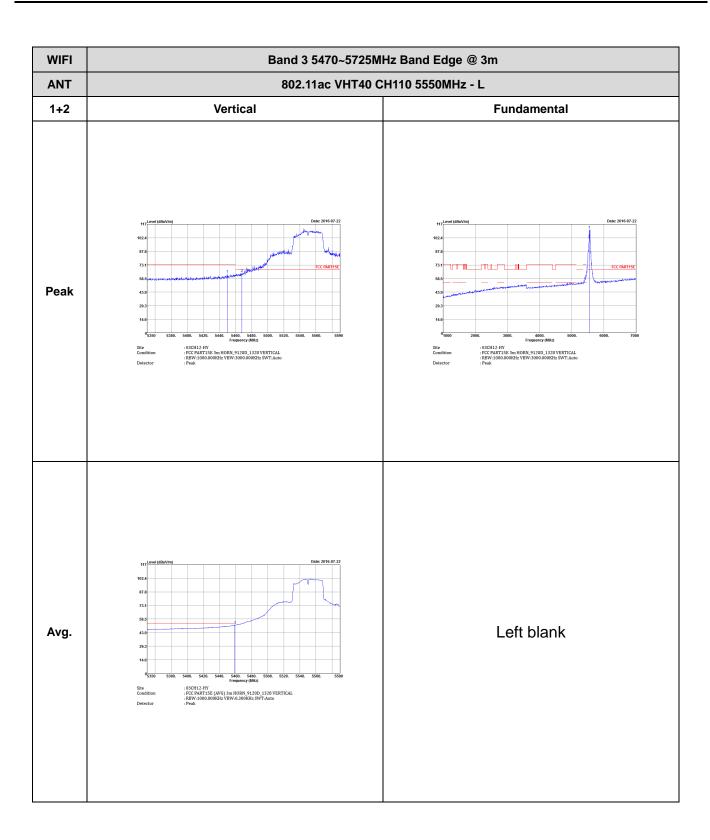


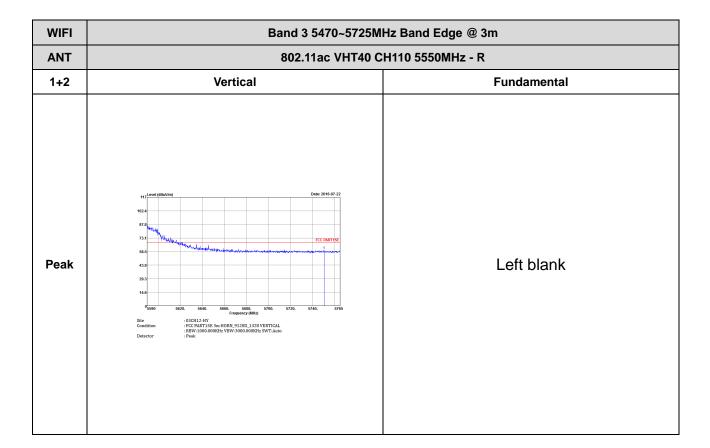


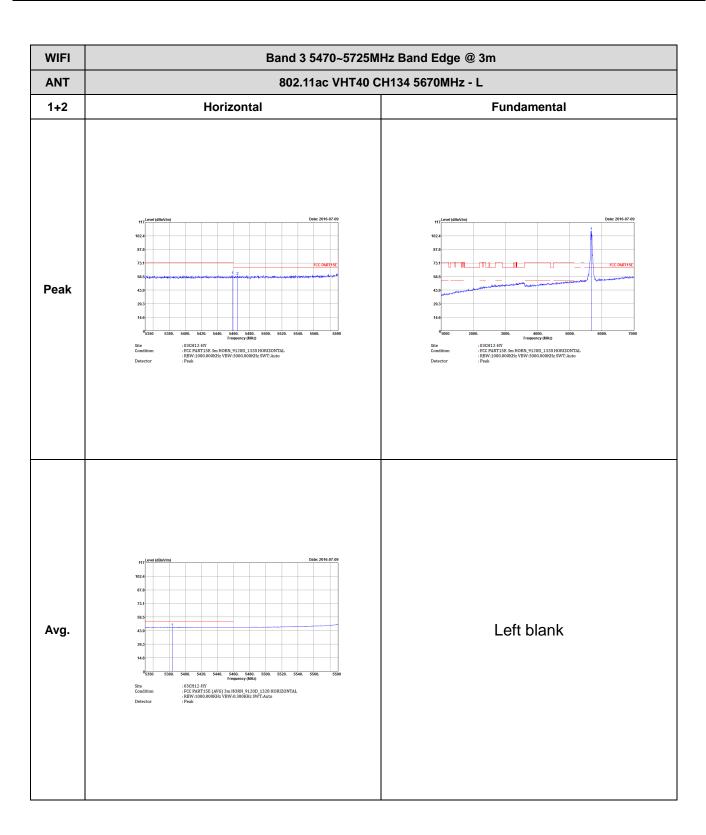
WIFI Band 3 5470~5725MHz Band Edge @ 3m **ANT** 802.11ac VHT40 CH110 5550MHz - L 1+2 Horizontal **Fundamental** Peak requency (MHz)
: 03CH12-HY
: FCC FART15E 3m HORN\_9120D\_1328 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
: Peak Left blank Avg.

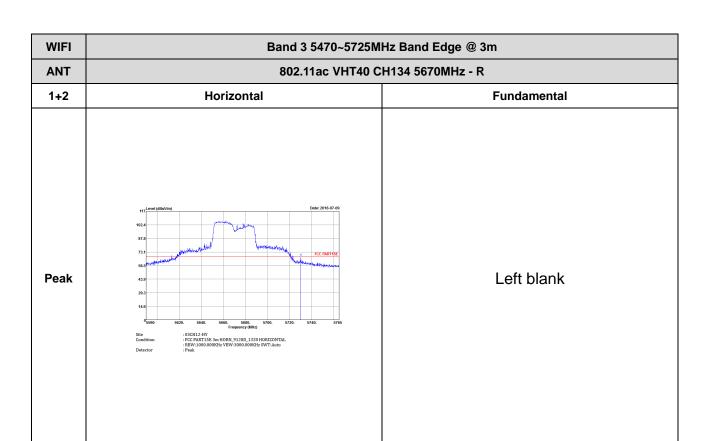
TEL: 886-3-327-3456 FAX: 886-3-328-4978









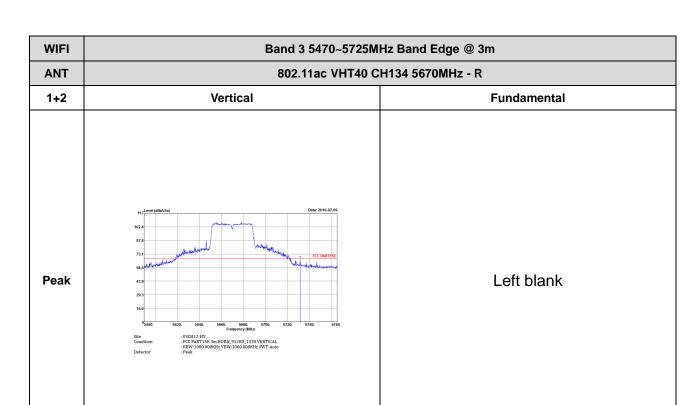


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TEL: 886-3-327-3456 FAX: 886-3-328-4978

WIFI Band 3 5470~5725MHz Band Edge @ 3m **ANT** 802.11ac VHT40 CH134 5670MHz - L 1+2 Vertical **Fundamental** Peak : 03CH12-HY : FCC PART15E 3m HORN\_9120D\_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak : 03CH12-HY : FCC PART15E 3m HORN\_9120D\_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak Left blank Avg.

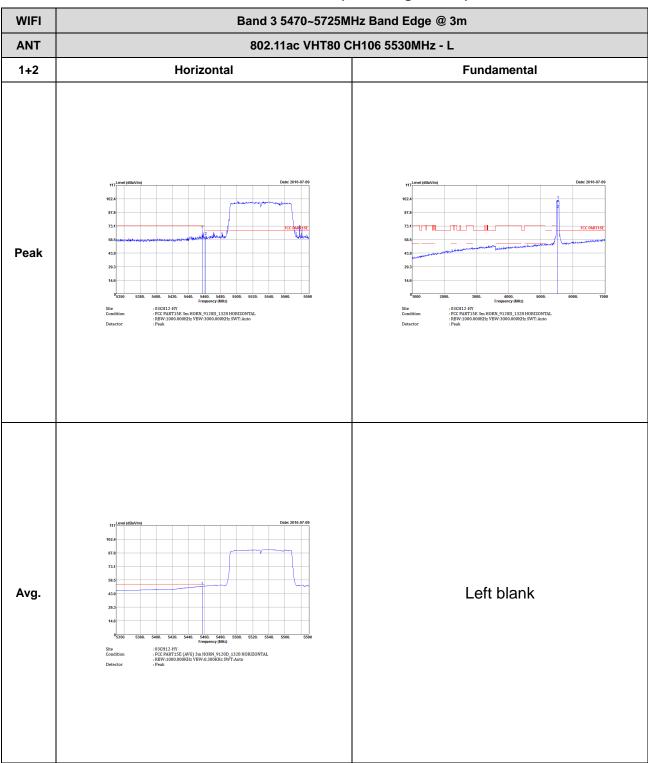
TEL: 886-3-327-3456 FAX: 886-3-328-4978



Report No. : FR672014-01E

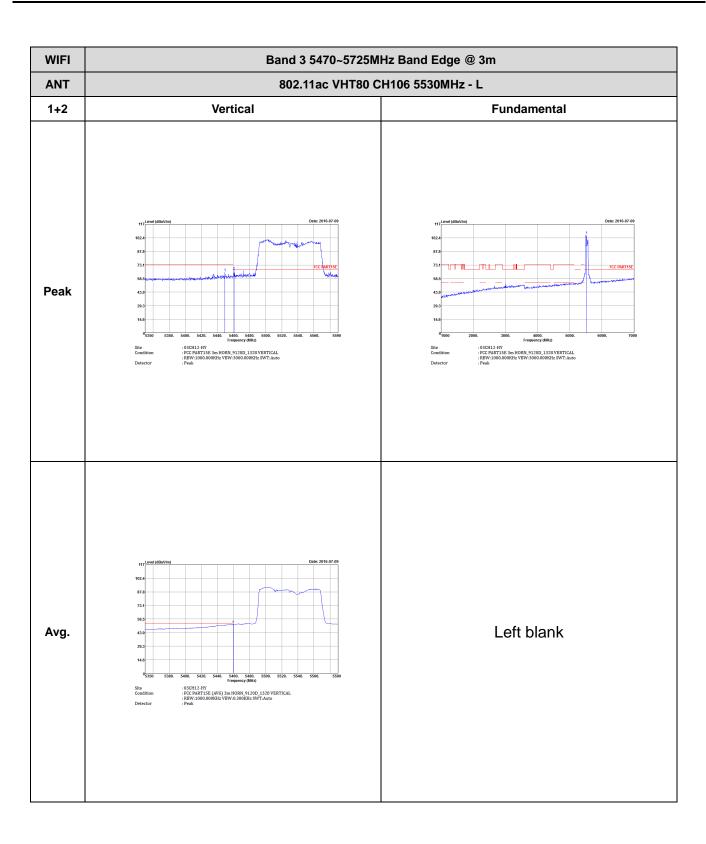
TEL: 886-3-327-3456 FAX: 886-3-328-4978

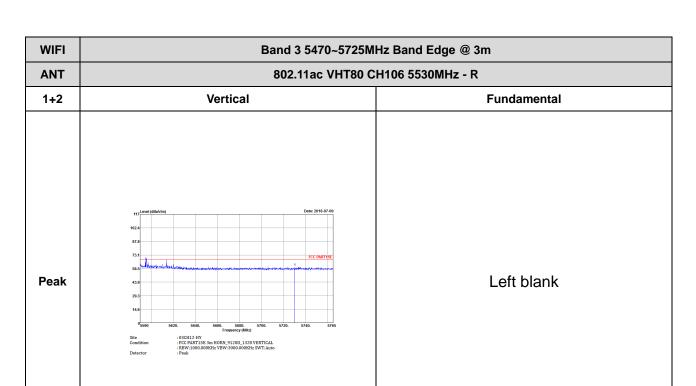
## Band 3 5470~5725MHz WIFI 802.11ac VHT80 (Band Edge @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978

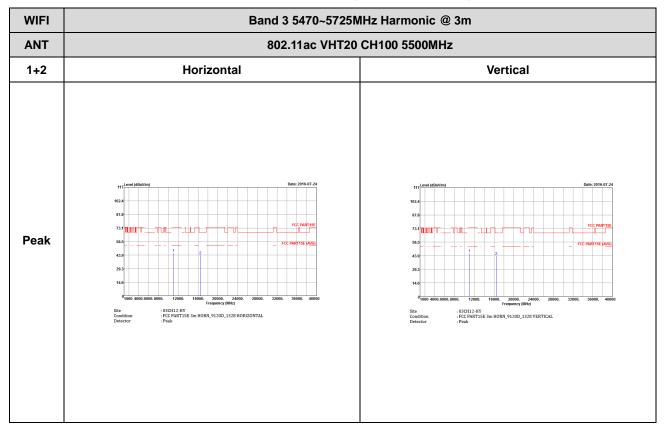
WIFI	Band 3 5470~5725MHz Band Edge @ 3m 802.11ac VHT80 CH106 5530MHz - R	
ANT		
1+2	Horizontal	Fundamental
Peak	102.4  102.4  107.5  107.5  107.5  108.5  109.5  10	Left blank



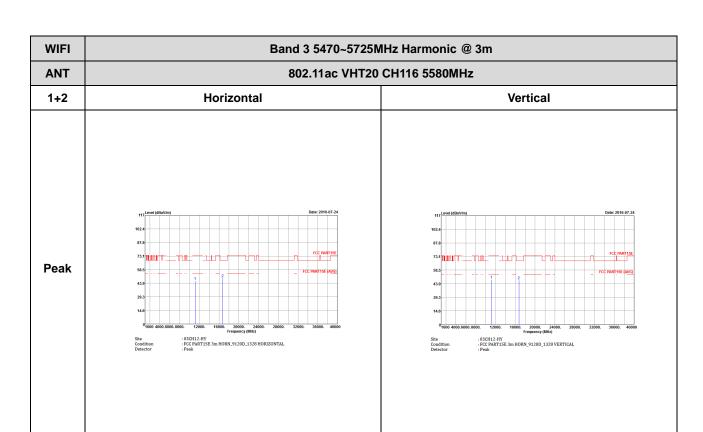


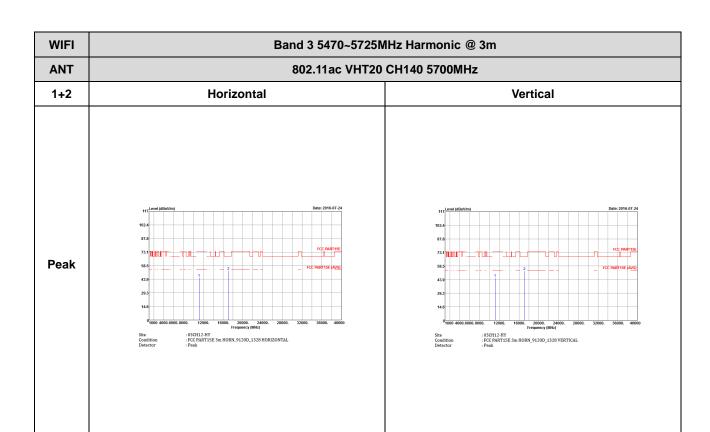
#### Band 3 - 5470~5725MHz

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

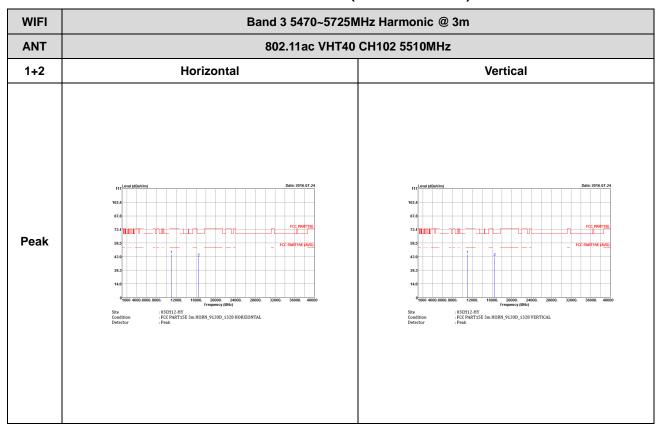


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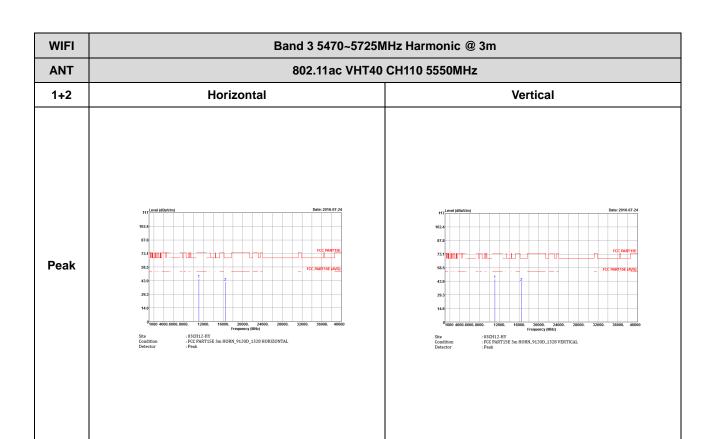


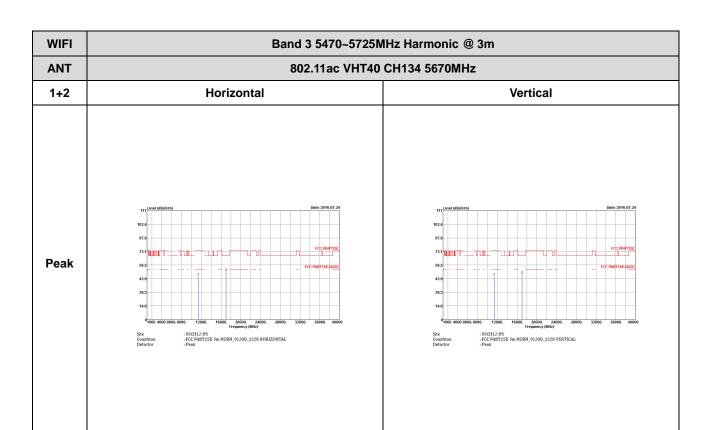


## Band 3 5470~5725MHz WIFI 802.11ac VHT40 (Harmonic @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978

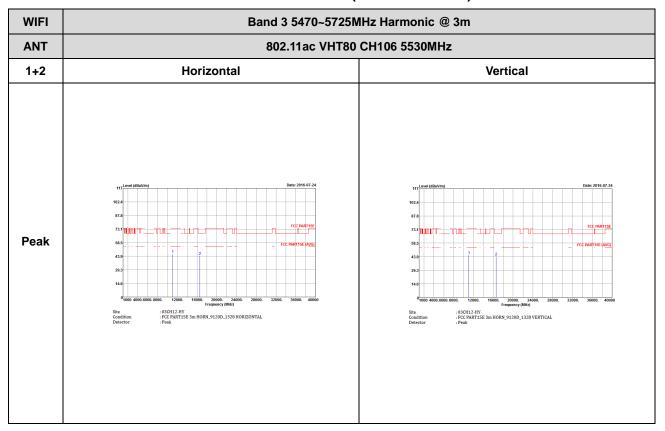




## Band 3 5470~5725MHz WIFI 802.11ac VHT80 (Harmonic @ 3m)

Report No. : FR672014-01E

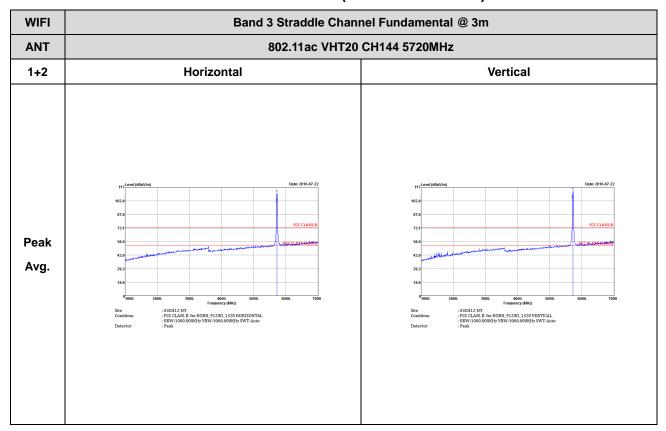
: C4-87of 94



TEL: 886-3-327-3456 FAX: 886-3-328-4978

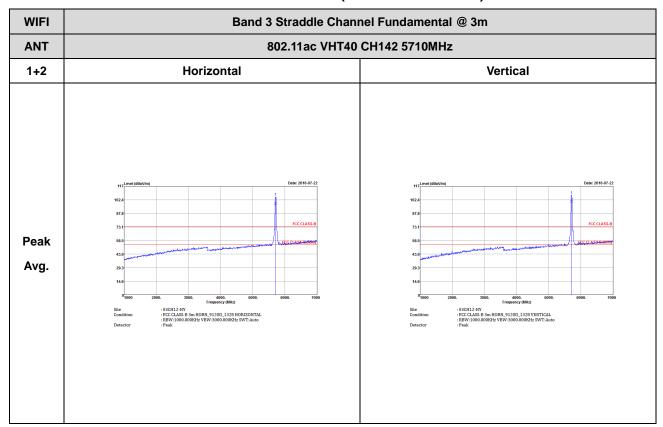
### **Band 3 - Straddle Channel**

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



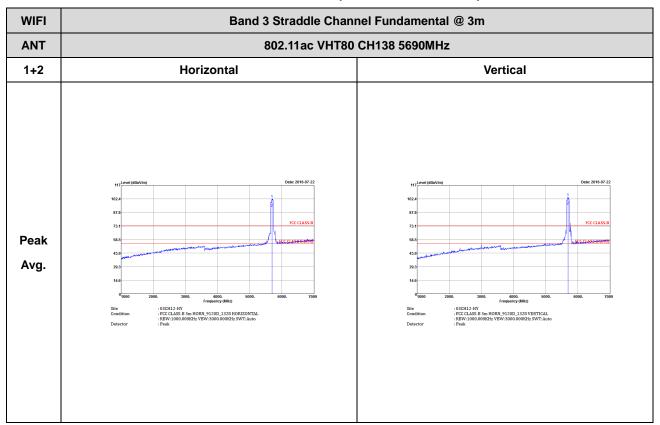
TEL: 886-3-327-3456 FAX: 886-3-328-4978

# Band 3 – Straddle Channel WIFI 802.11ac VHT40 (Fundamental @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978

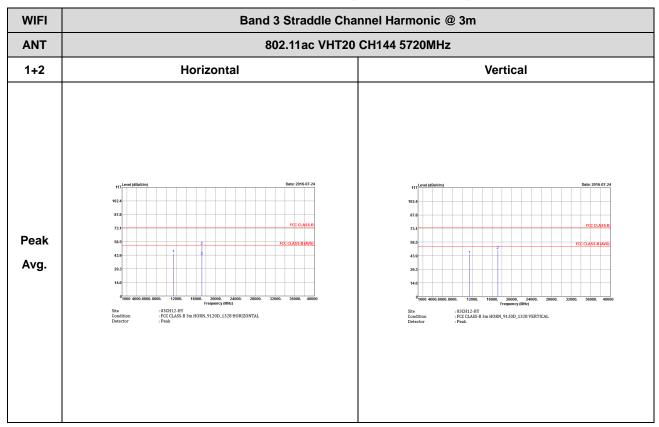
# Band 3 – Straddle Channel WIFI 802.11ac VHT80 (Fundamental @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978

#### **Band 3 - Straddle Channel**

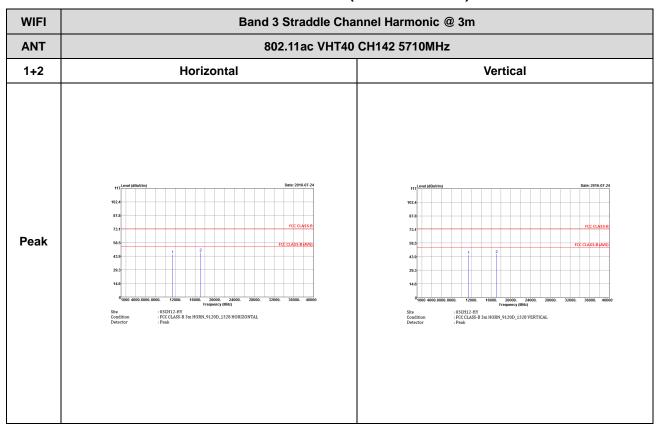
### WIFI 802.11ac VHT20 (Harmonic @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978

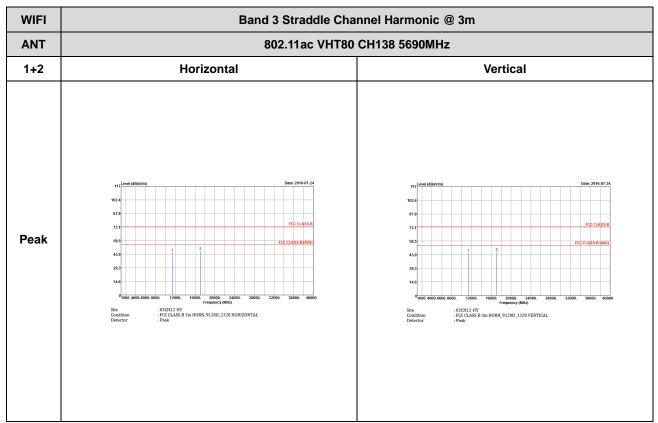
# Band 3 – Straddle Channel WIFI 802.11ac VHT40 (Harmonic @ 3m)

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TEL: 886-3-327-3456 FAX: 886-3-328-4978 : C4-92of 94

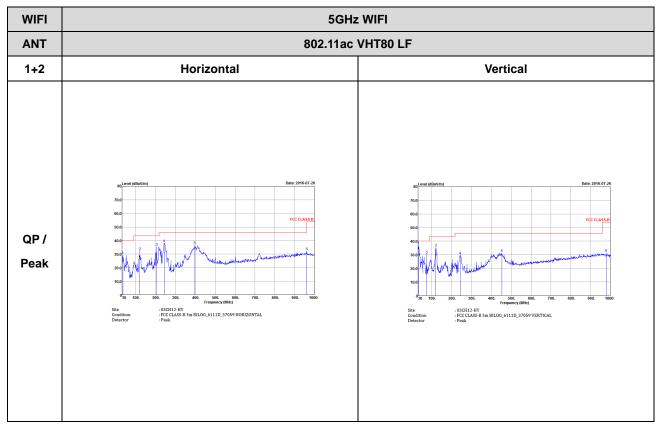
# Band 3 – Straddle Channel WIFI 802.11ac VHT80 (Harmonic @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978

#### **Emission below 1GHz**

### 5GHz WIFI 802.11ac VHT80 (LF)



TEL: 886-3-327-3456 FAX: 886-3-328-4978