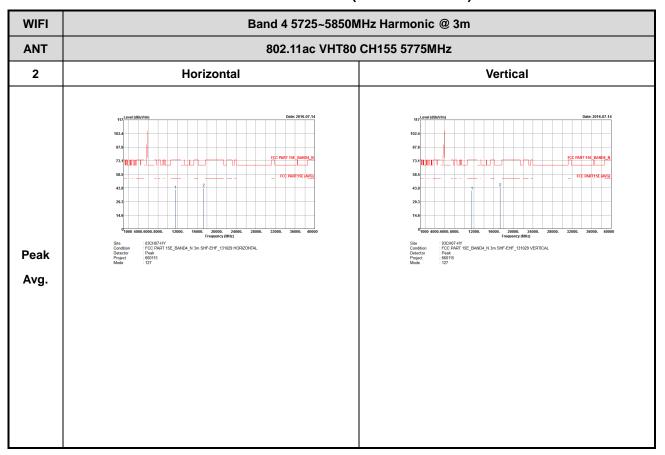
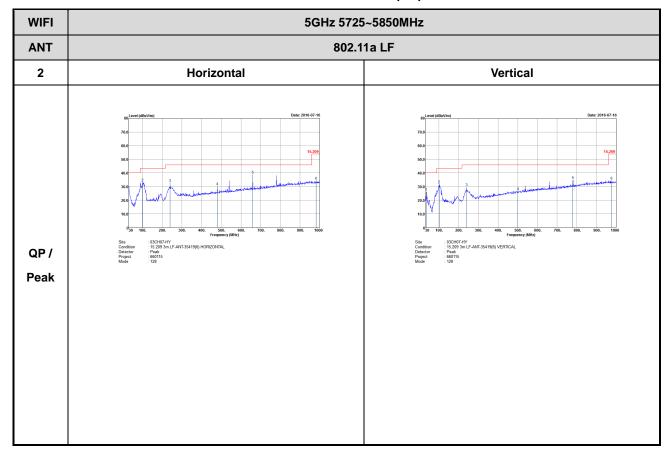


### Band 4 5725~5850MHz WIFI 802.11ac VHT80 (Harmonic @ 3m)



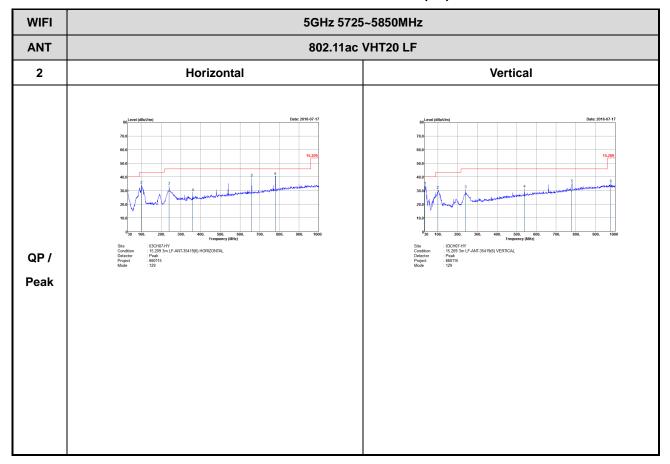
TEL: 886-3-327-3456 FAX: 886-3-328-4978

#### 5GHz WIFI 802.11a (LF)



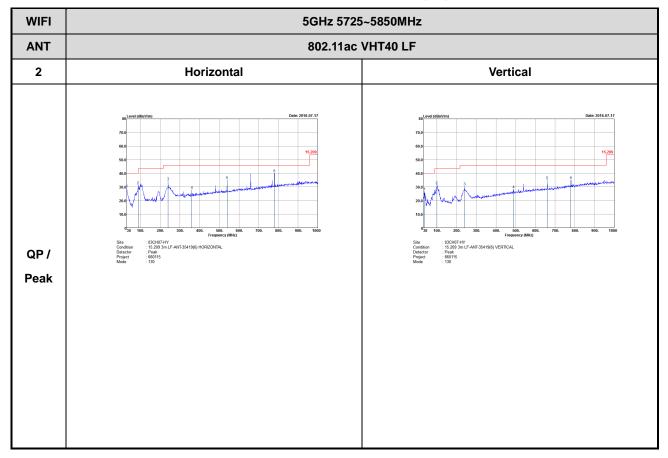
TEL: 886-3-327-3456 FAX: 886-3-328-4978

#### 5GHz WIFI 802.11ac VHT20 (LF)



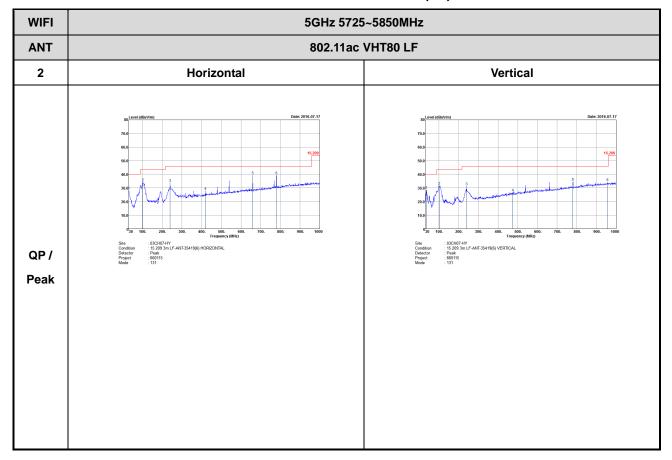
TEL: 886-3-327-3456 FAX: 886-3-328-4978

### 5GHz WIFI 802.11ac VHT40 (LF)



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

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

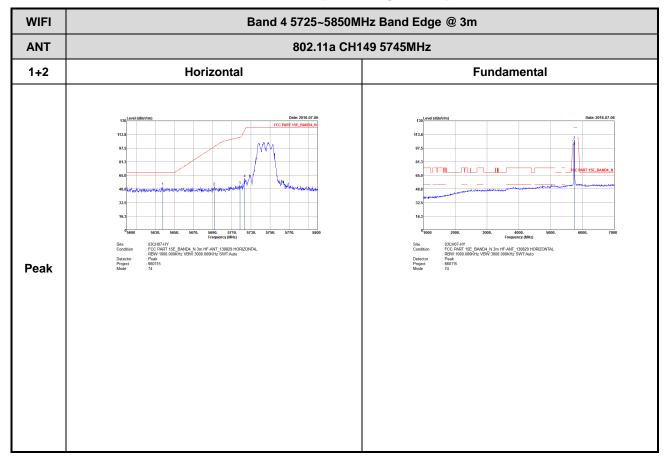


TEL: 886-3-327-3456 FAX: 886-3-328-4978

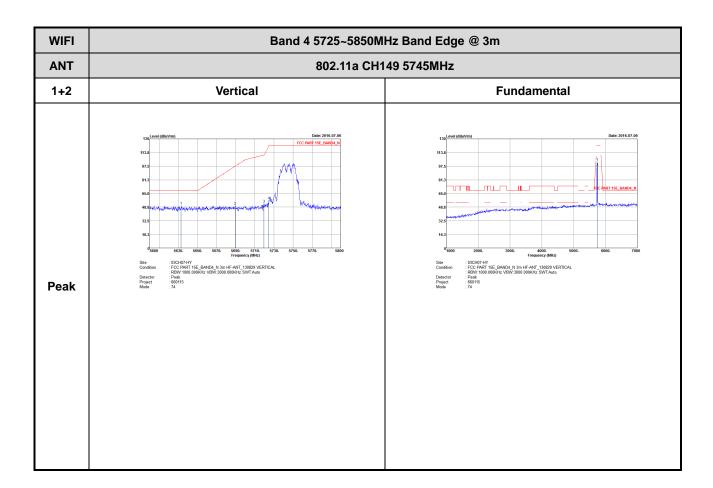
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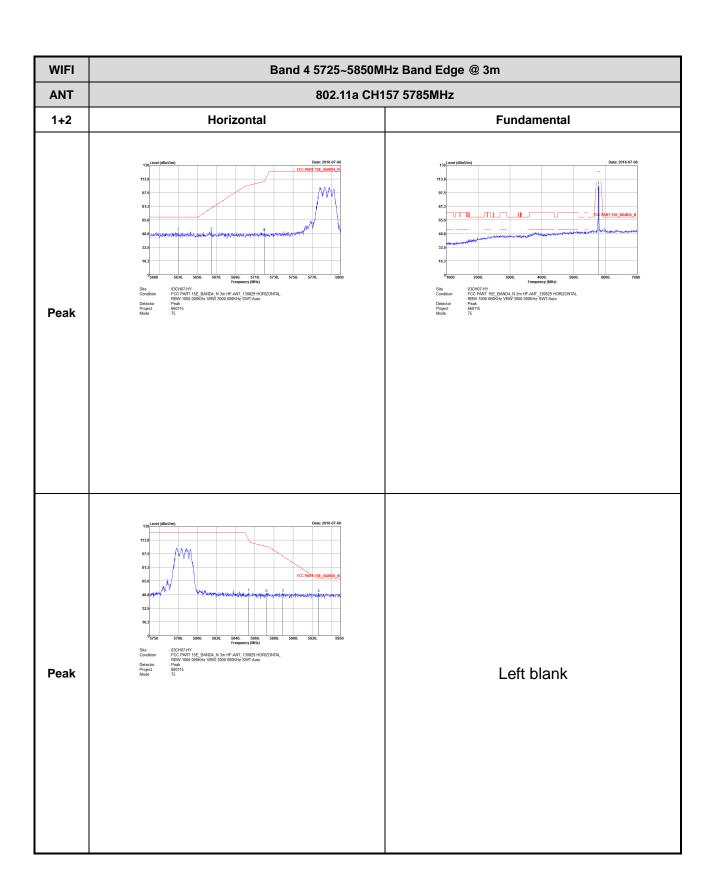
#### Band 4 - 5725~5850MHz

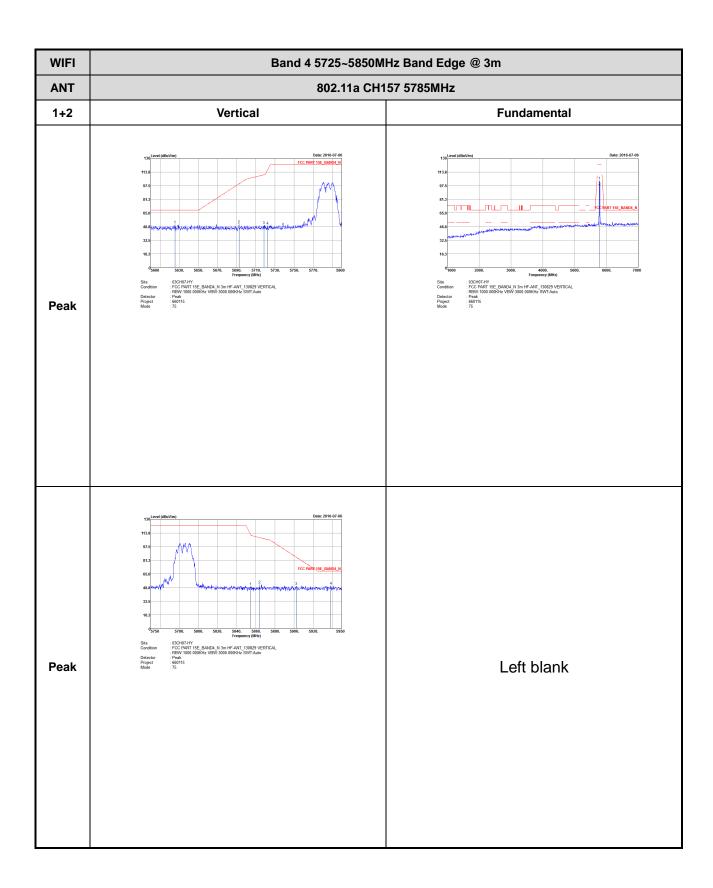
### WIFI 802.11a (Band Edge @ 3m)

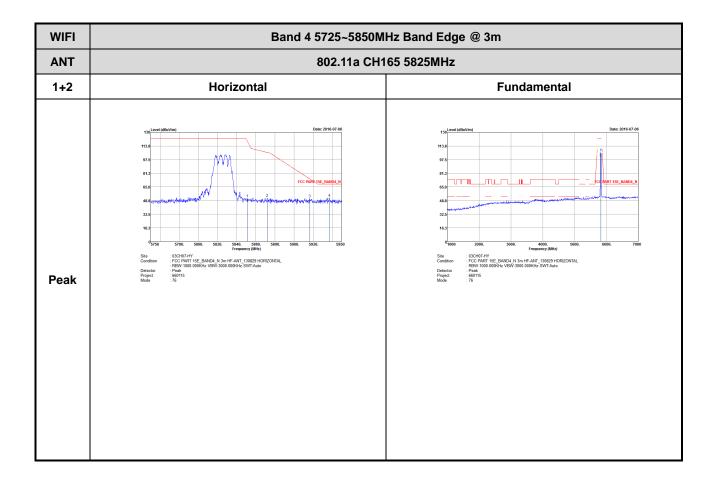


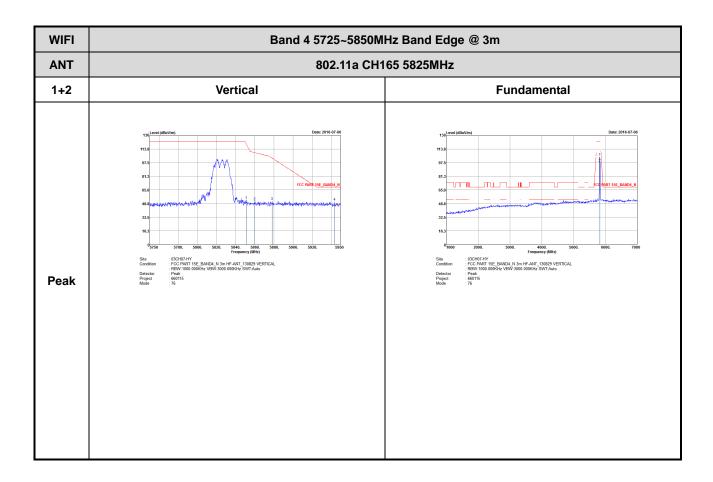
TEL: 886-3-327-3456 FAX: 886-3-328-4978



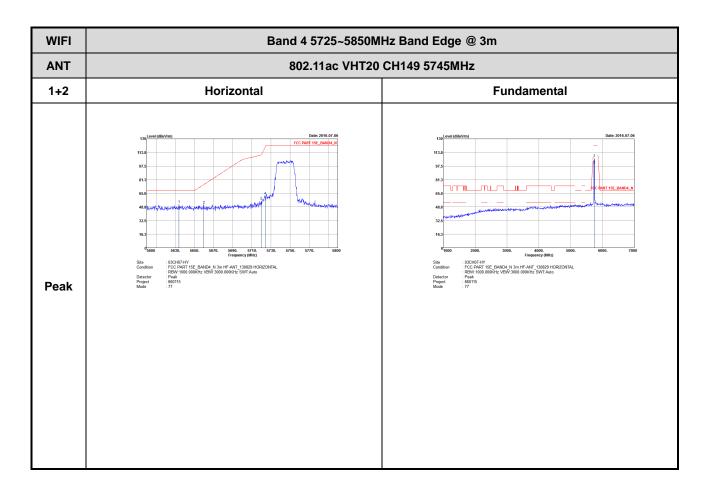




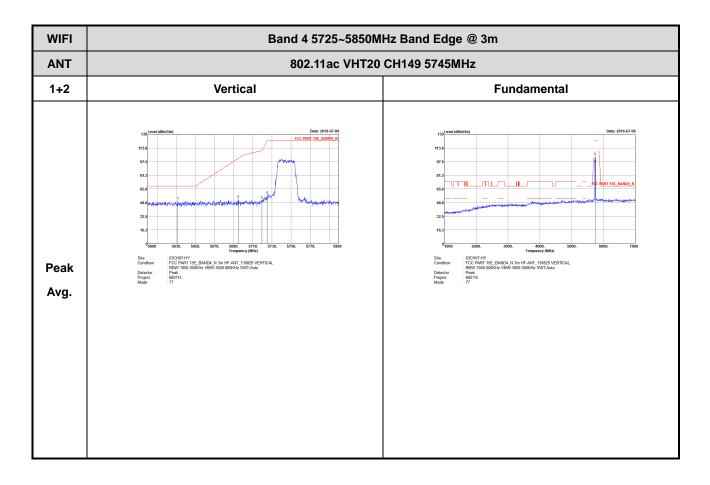


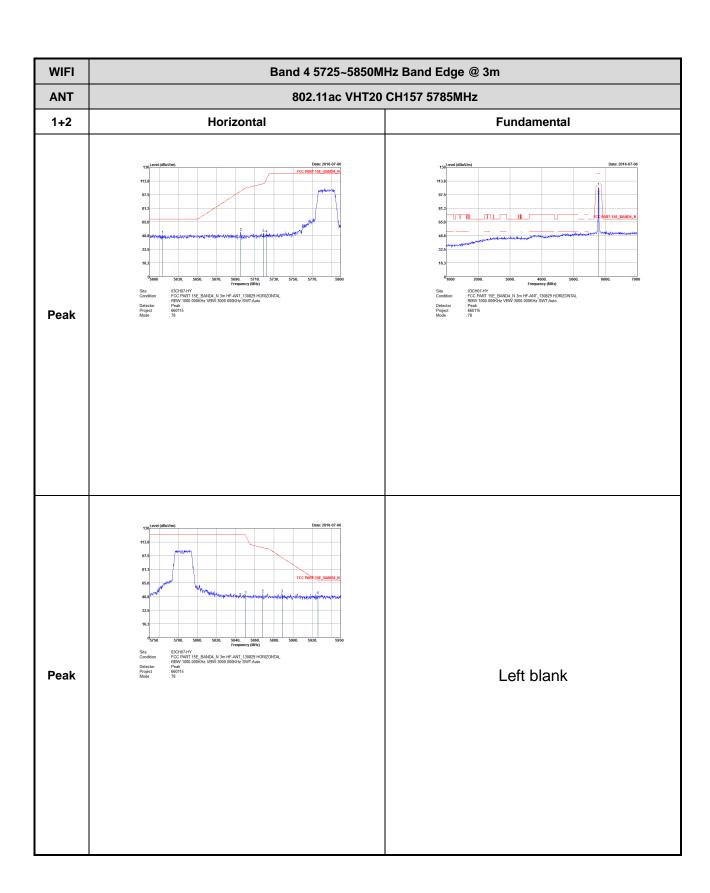


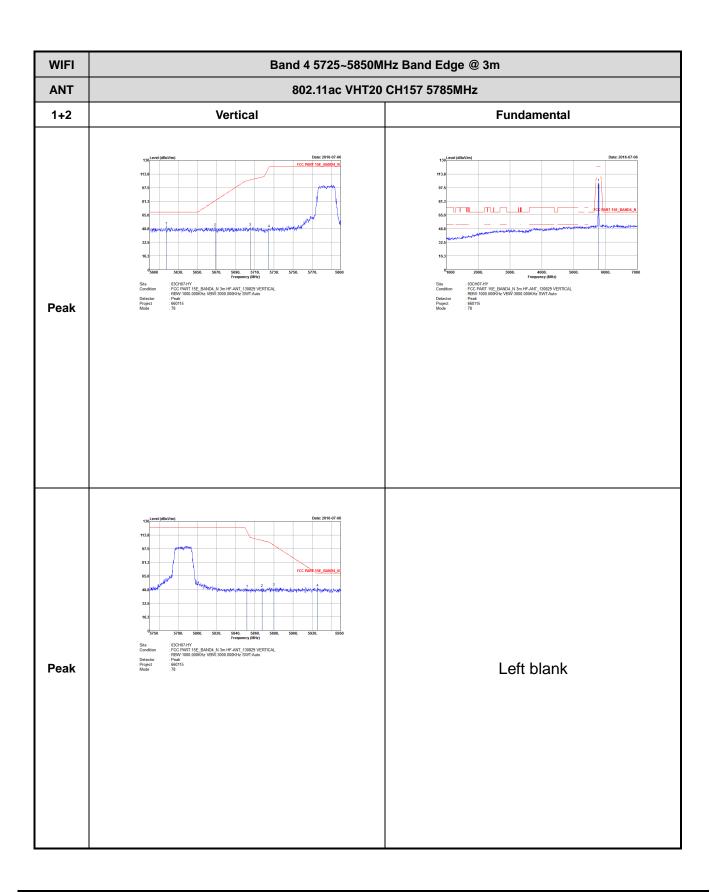
### Band 4 5725~5850MHz WIFI 802.11ac VHT20 (Band Edge @ 3m)

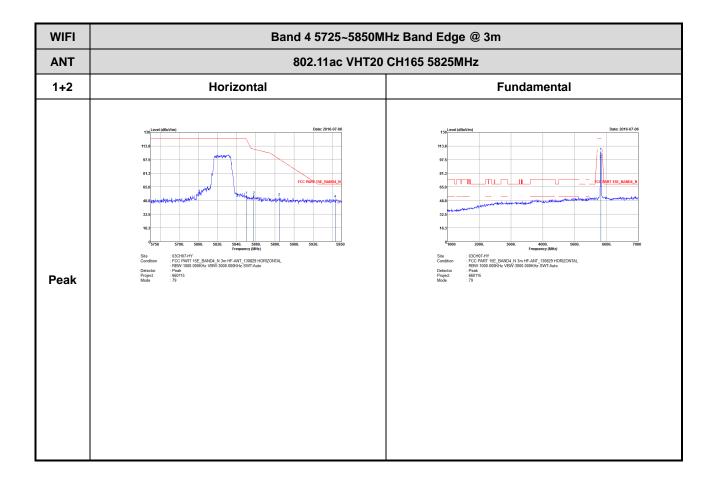


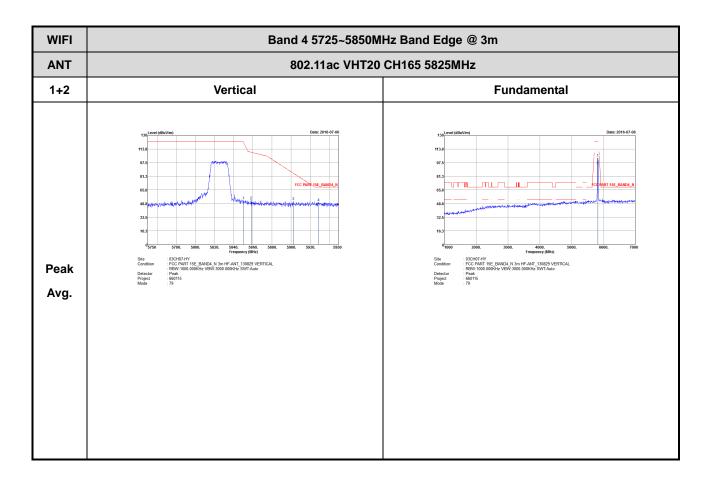
TEL: 886-3-327-3456 FAX: 886-3-328-4978



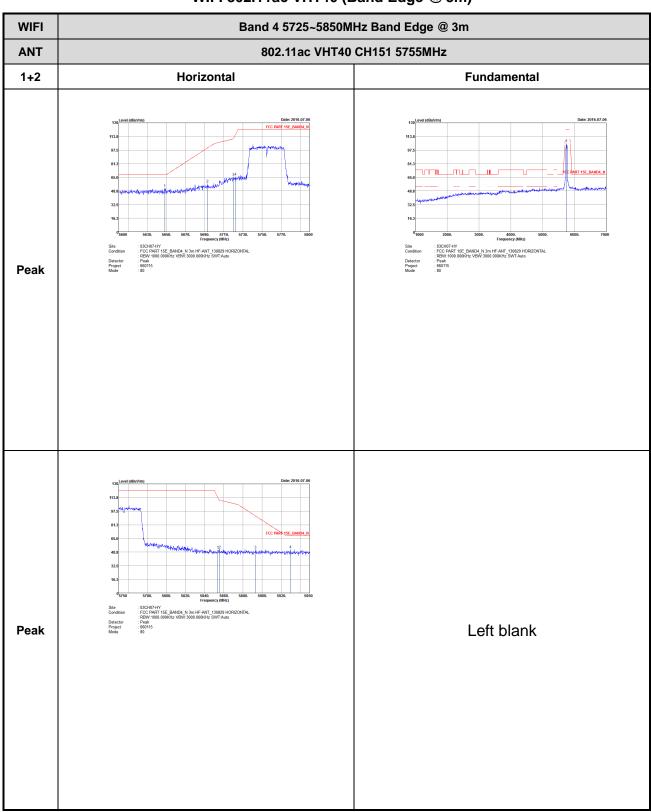






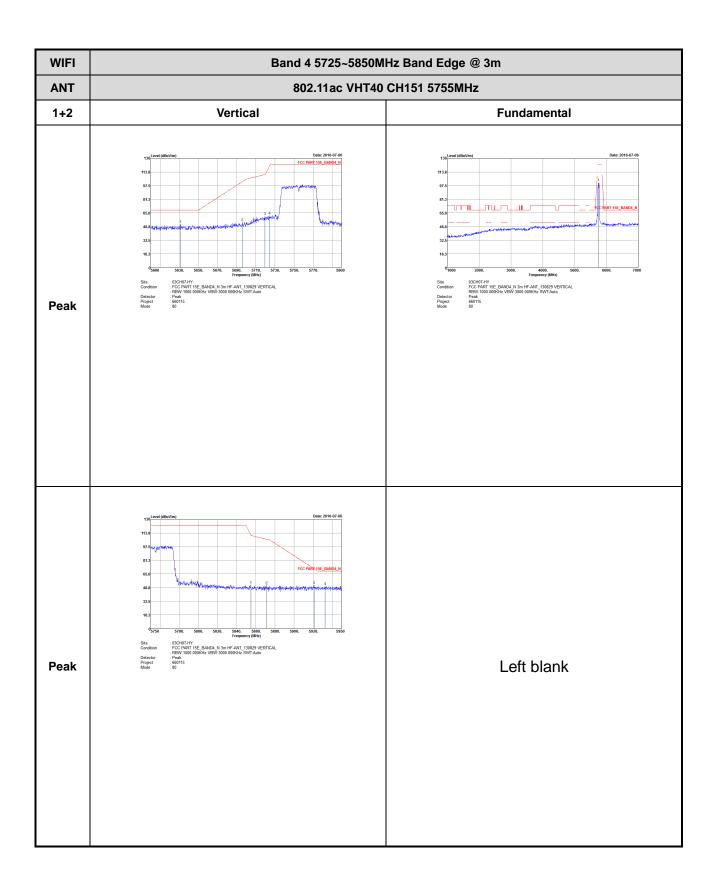


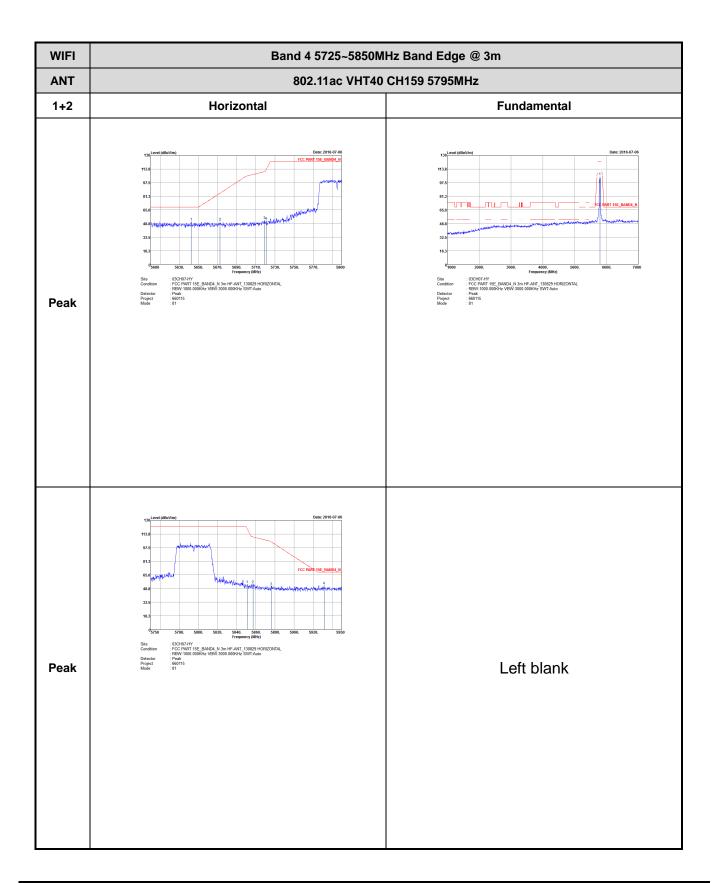
### Band 4 5725~5850MHz WIFI 802.11ac VHT40 (Band Edge @ 3m)

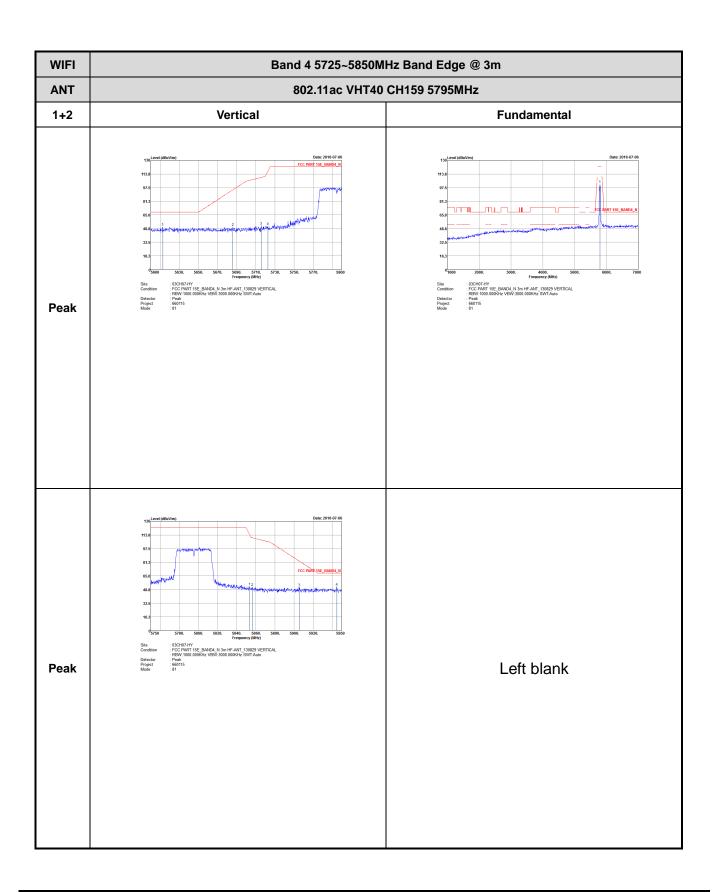


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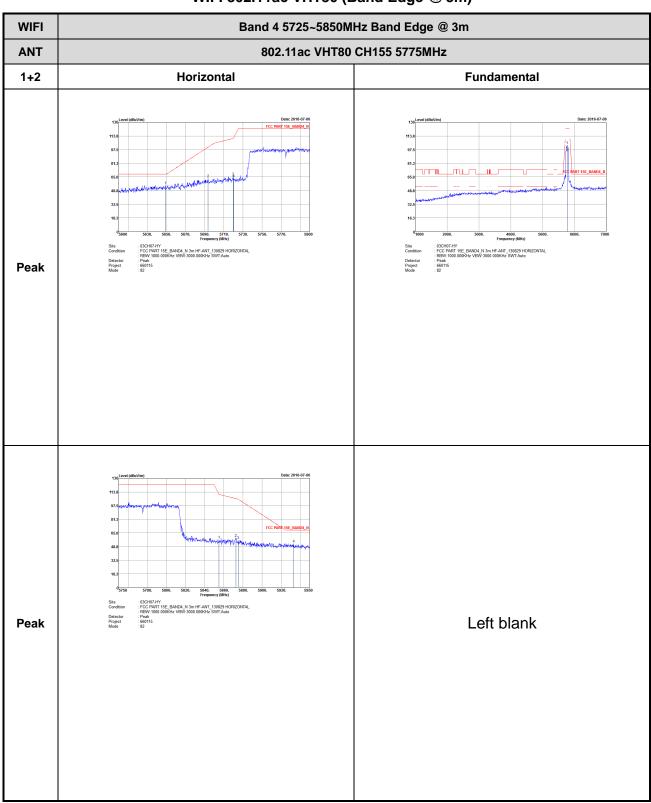
TEL: 886-3-327-3456 FAX: 886-3-328-4978





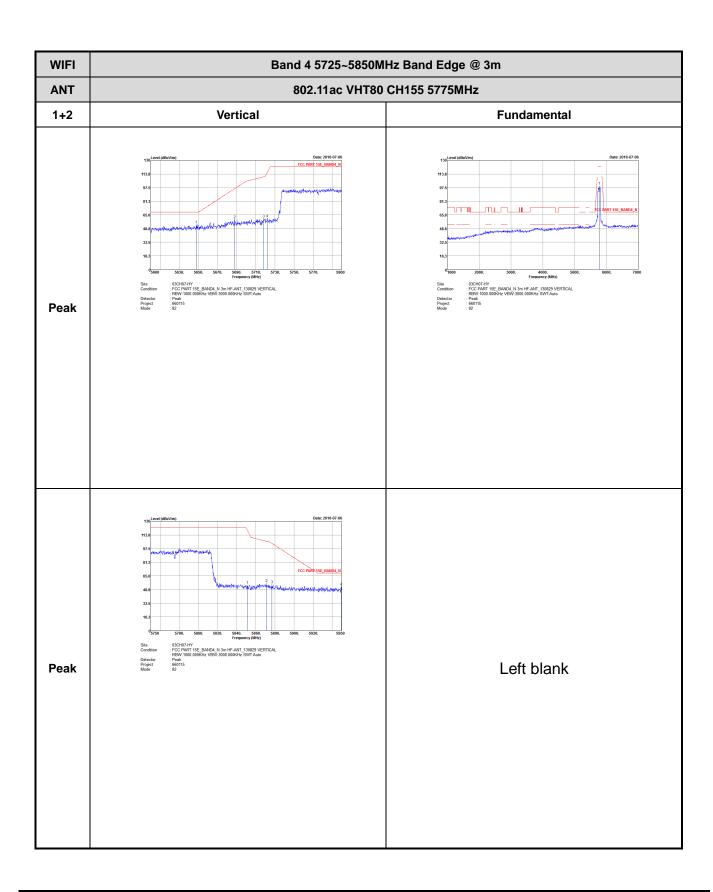


### Band 4 5725~5850MHz WIFI 802.11ac VHT80 (Band Edge @ 3m)



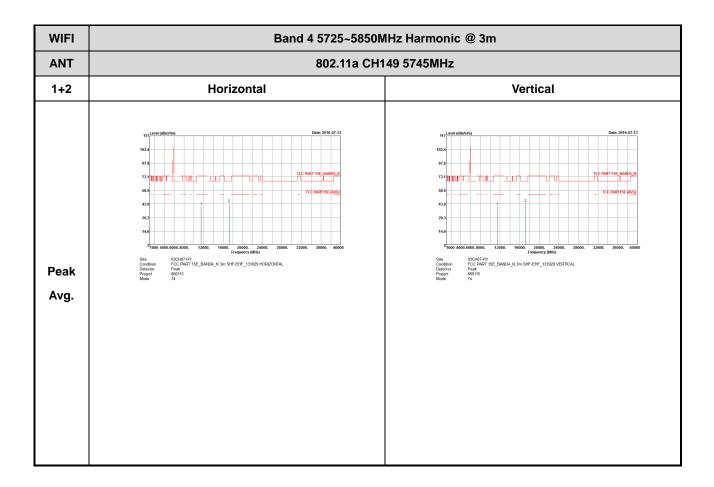
SPORTON INTERNATIONAL INC.

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

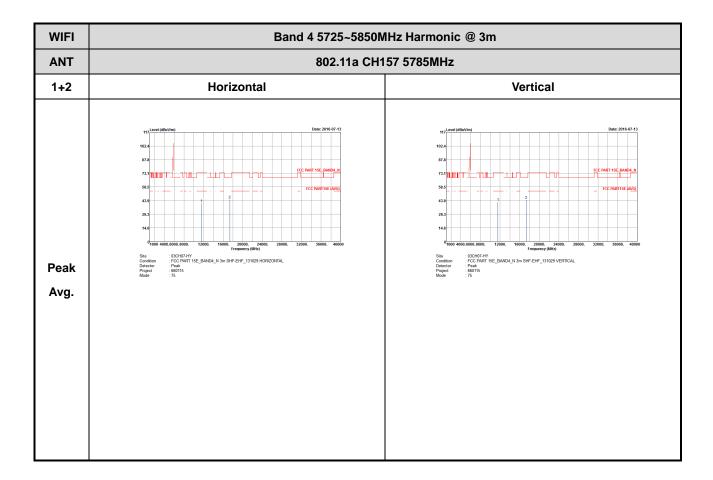


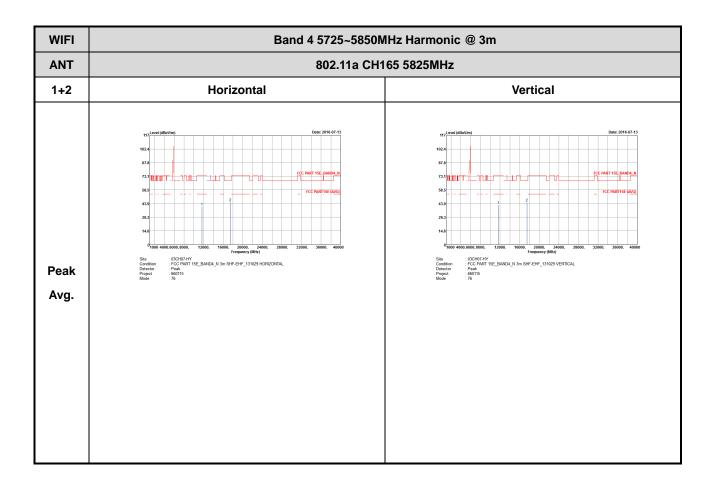
# Band 4 - 5725~5850MHz WIFI 802.11a (Harmonic @ 3m)

Report No.: FR660115F

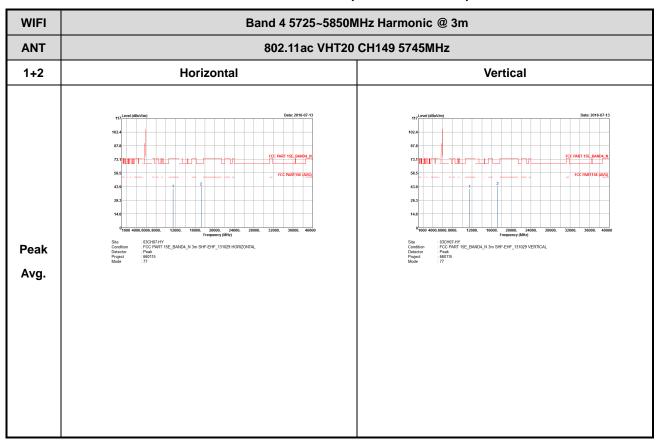


TEL: 886-3-327-3456 FAX: 886-3-328-4978

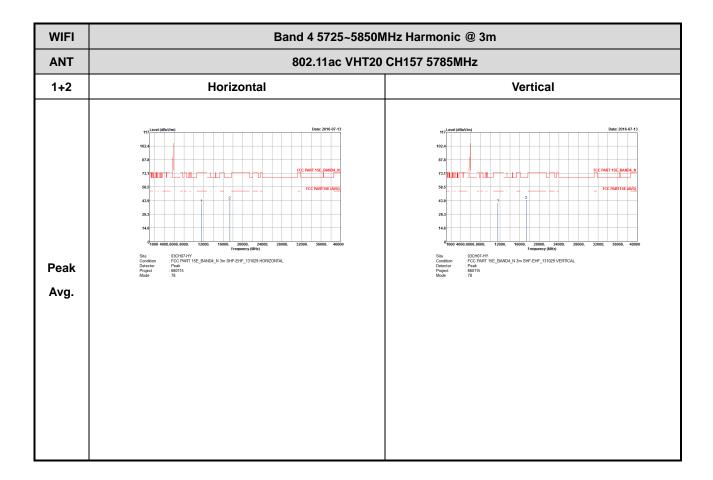


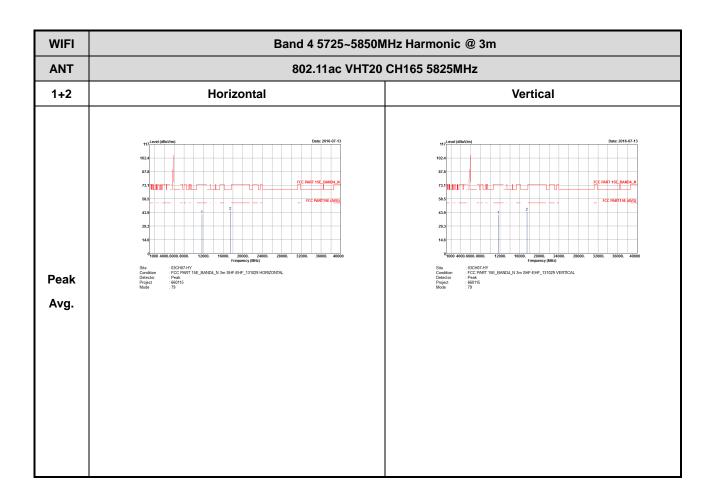


### Band 4 5725~5850MHz WIFI 802.11ac VHT20 (Harmonic @ 3m)

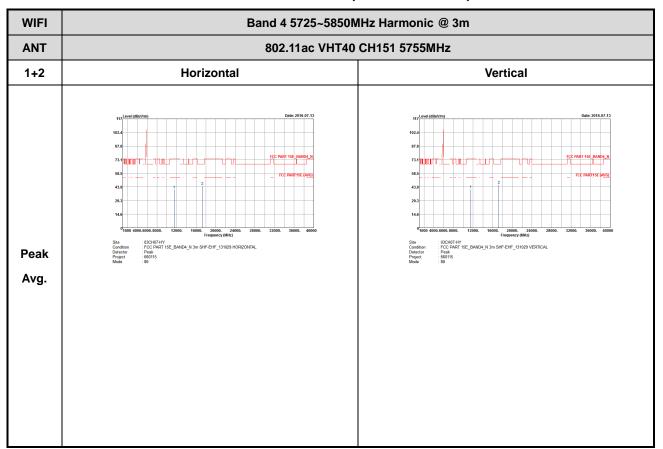


TEL: 886-3-327-3456 FAX: 886-3-328-4978

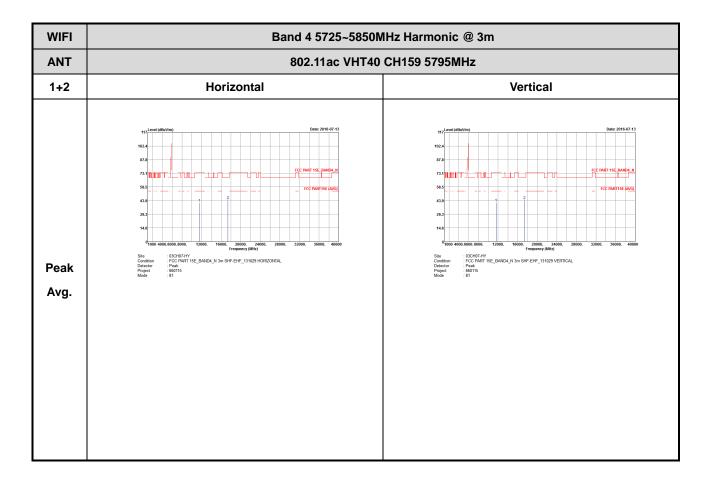




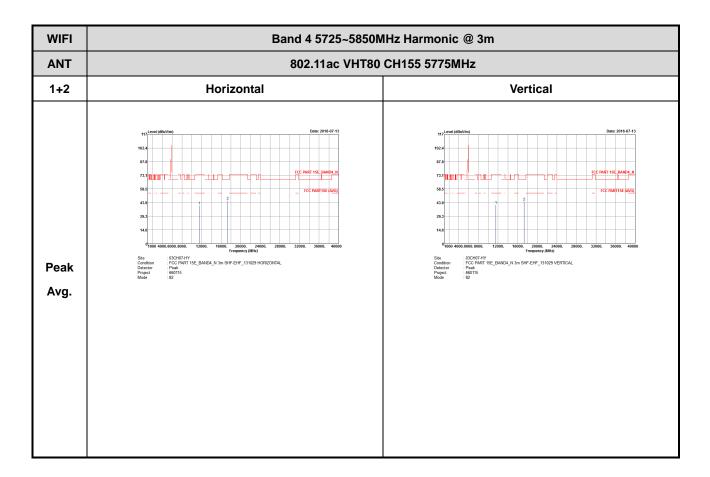
### Band 4 5725~5850MHz WIFI 802.11ac VHT40 (Harmonic @ 3m)



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

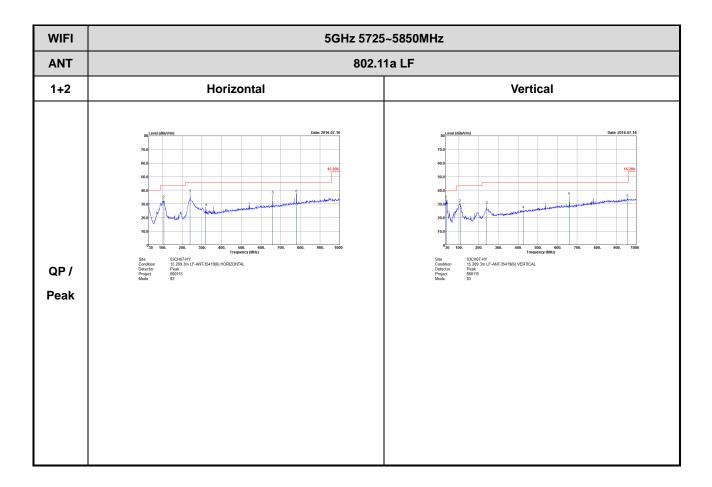


### Band 4 5725~5850MHz WIFI 802.11ac VHT80 (Harmonic @ 3m)



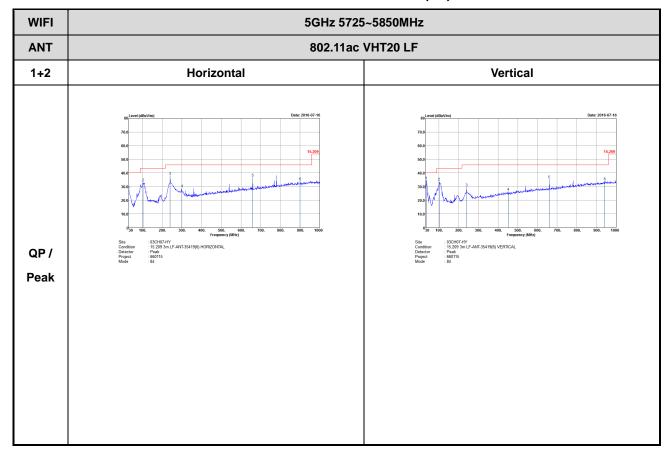
TEL: 886-3-327-3456 FAX: 886-3-328-4978

## Emission below 1GHz 5GHz WIFI 802.11a (LF)



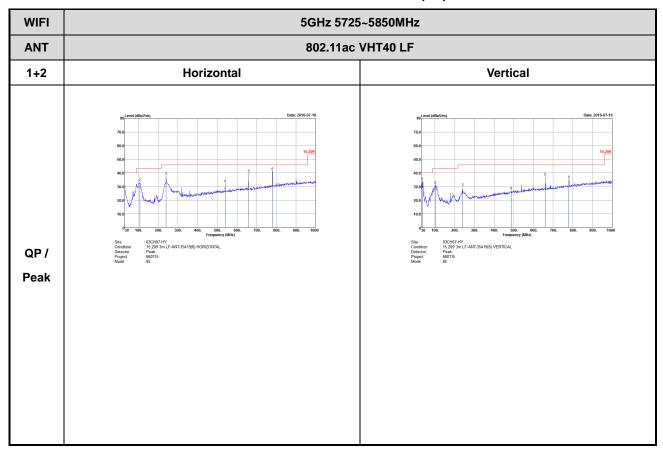
TEL: 886-3-327-3456 FAX: 886-3-328-4978

#### 5GHz WIFI 802.11ac VHT20 (LF)



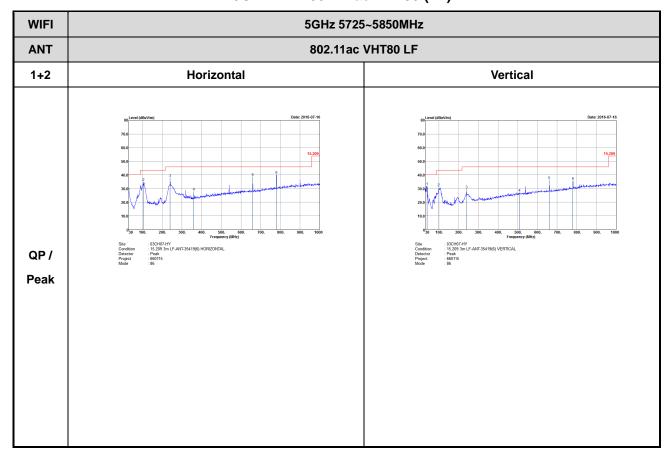
TEL: 886-3-327-3456 FAX: 886-3-328-4978

#### 5GHz WIFI 802.11ac VHT40 (LF)



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

## 5GHz WIFI 802.11ac VHT80 (LF)

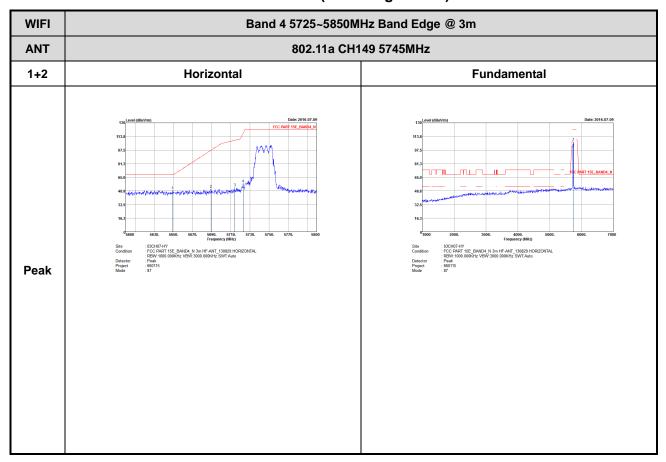


TEL: 886-3-327-3456 FAX: 886-3-328-4978

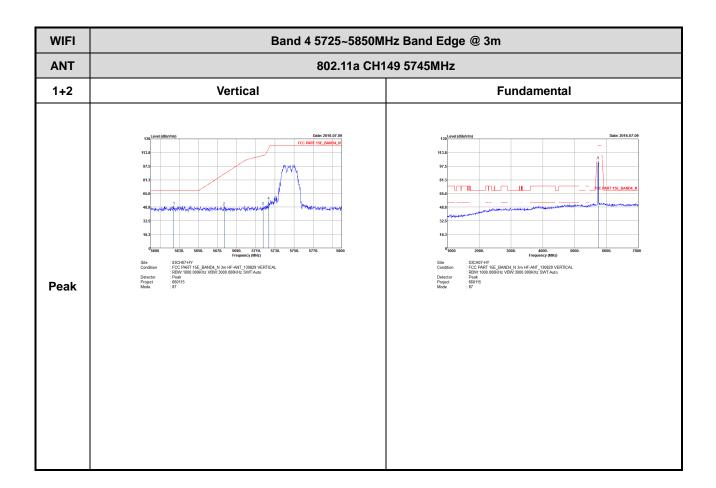
### <TXBF Mode>

### Band 4 - 5725~5850MHz

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



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

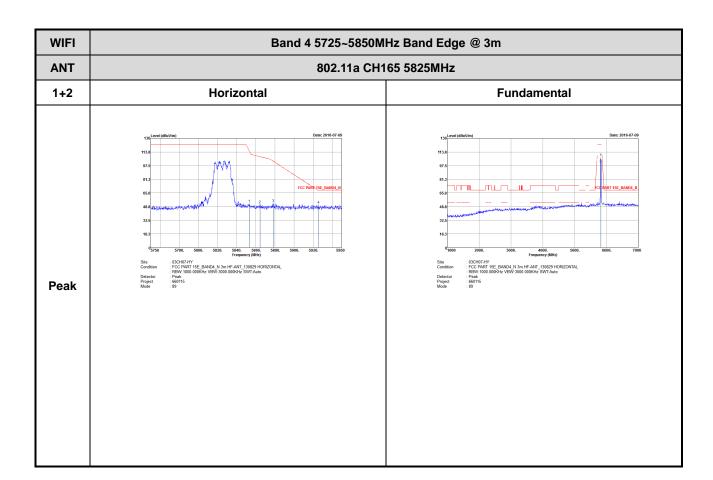


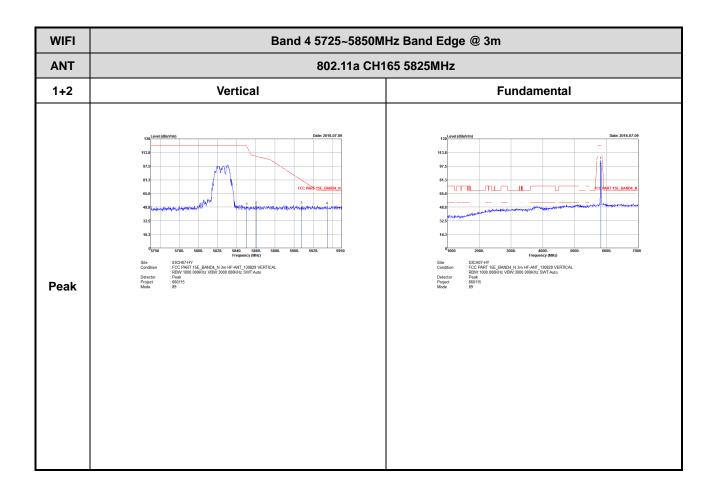
WIFI Band 4 5725~5850MHz Band Edge @ 3m **ANT** 802.11a CH157 5785MHz 1+2 Horizontal **Fundamental** 03CH07-HY FCC PART 15E\_BAND4\_N 3m HF-ANT\_130829 HORIZONTAL RBW-1000\_000KHz VBW-3000\_000KHz SWT-Auto Peak 660115 Peak Peak Left blank

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

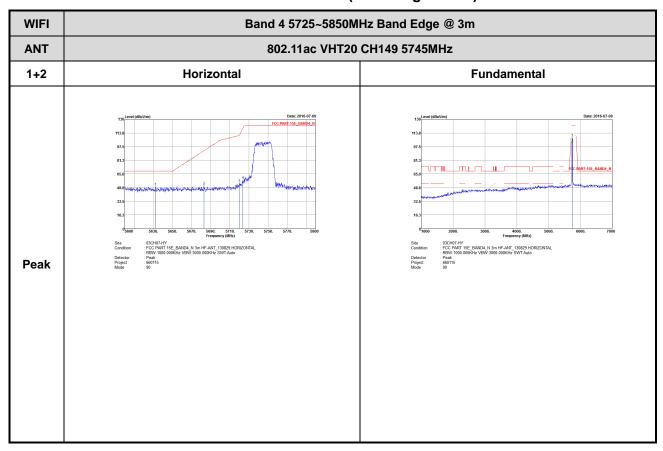
WIFI Band 4 5725~5850MHz Band Edge @ 3m **ANT** 802.11a CH157 5785MHz 1+2 Vertical **Fundamental** 03CH07-HY FCC PART 15E\_BAND4\_N 3m HF-ANT\_130829 VERTICAL RBW-1000.000KHz VBW-3000.000KHz SWT-Auto Peak 660115 88 Peak Peak Left blank

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

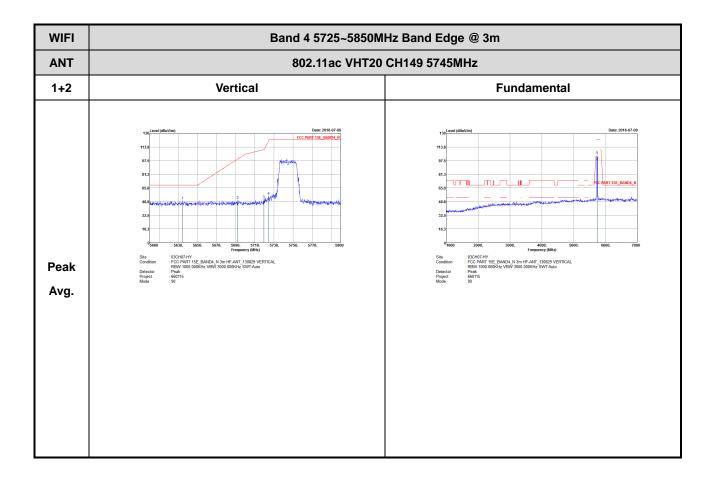


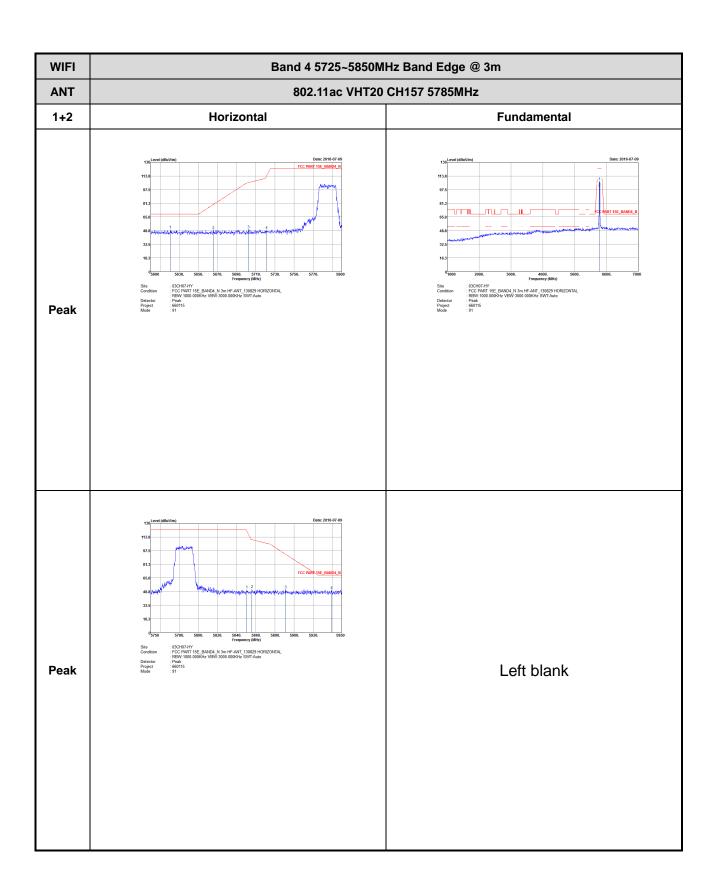


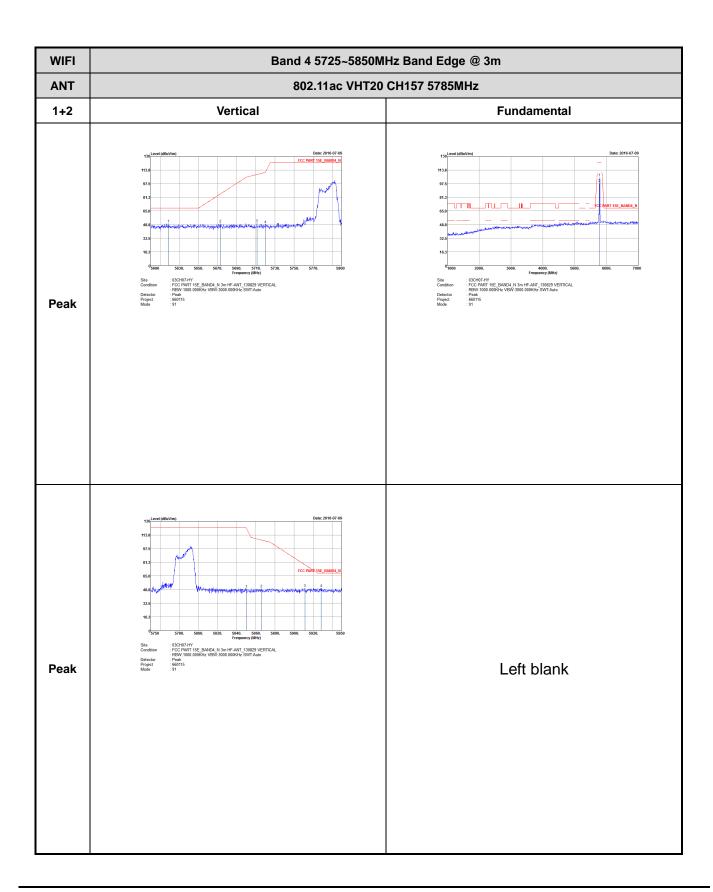
# Band 4 5725~5850MHz WIFI 802.11ac VHT20 (Band Edge @ 3m)

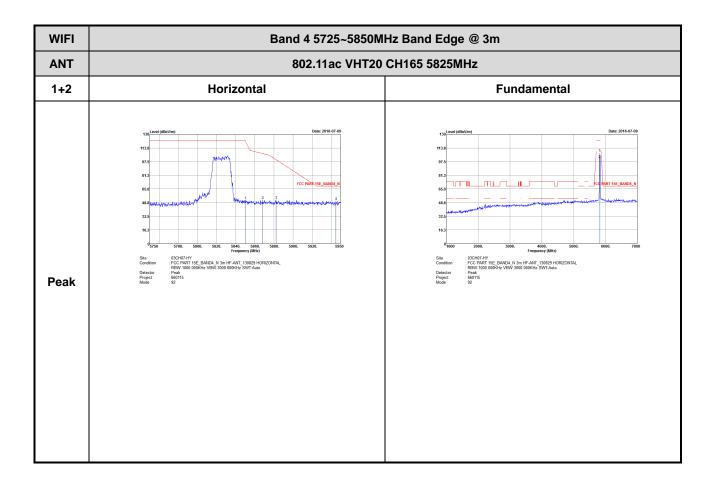


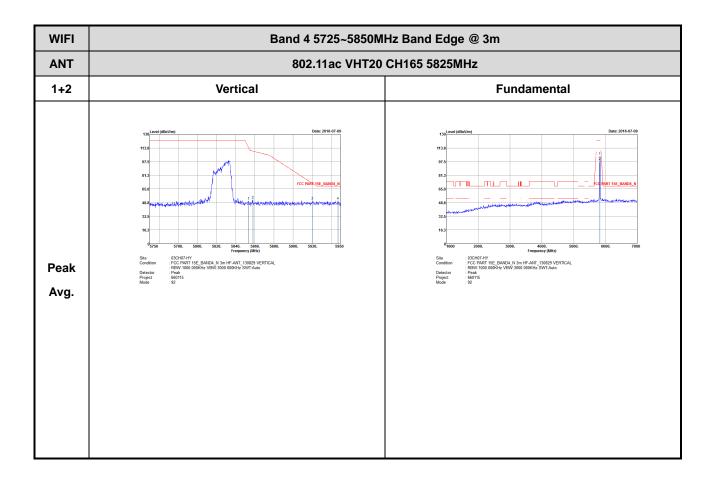
TEL: 886-3-327-3456 FAX: 886-3-328-4978



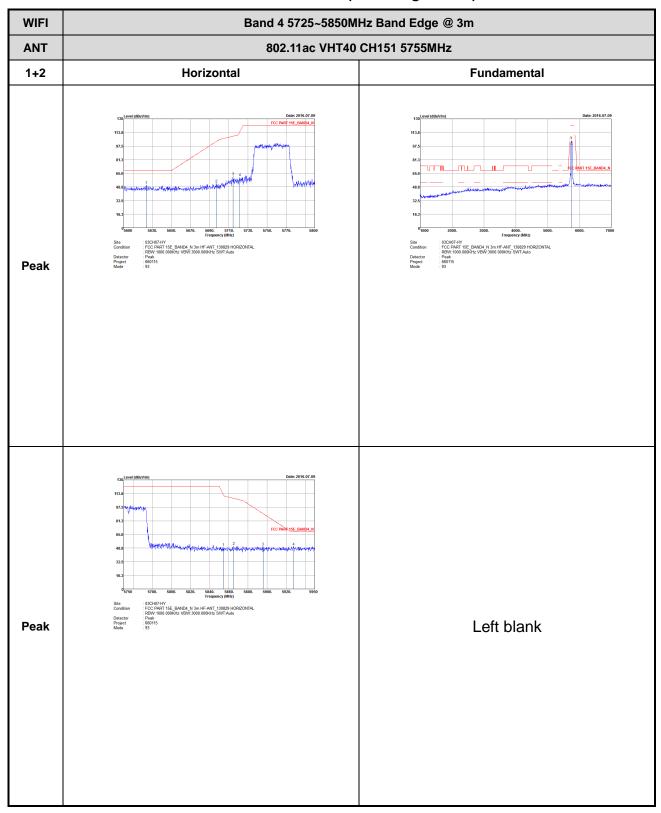




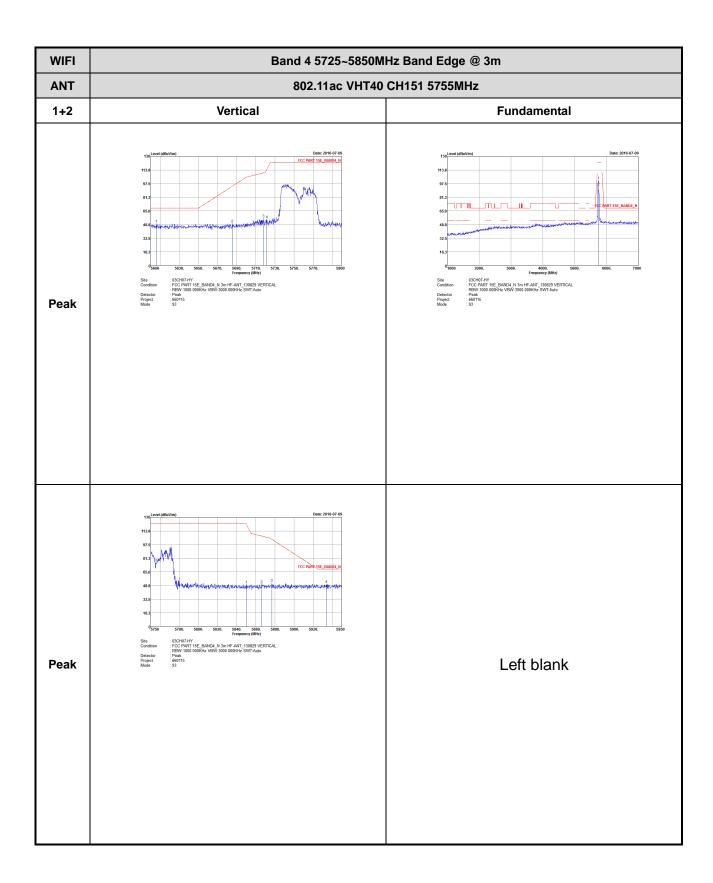




# Band 4 5725~5850MHz WIFI 802.11ac VHT40 (Band Edge @ 3m)



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



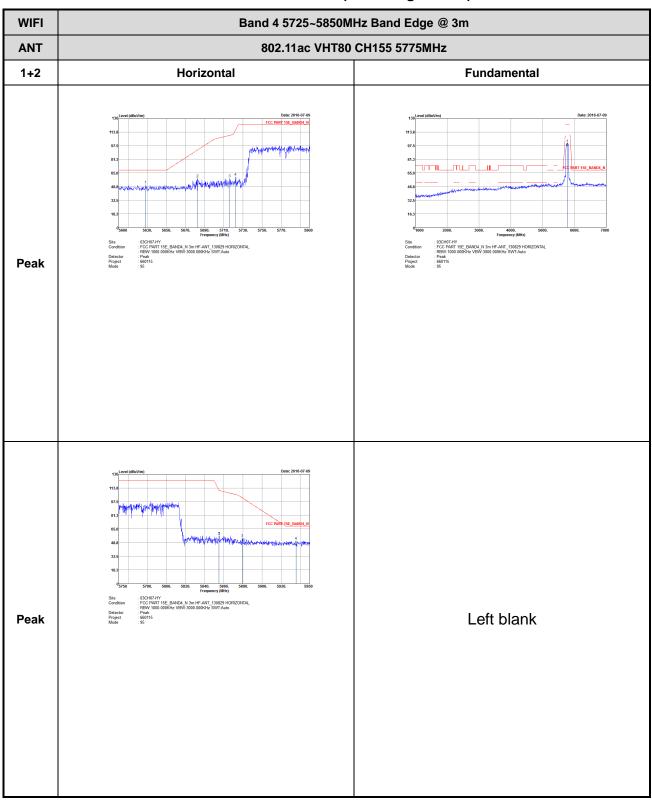
WIFI Band 4 5725~5850MHz Band Edge @ 3m **ANT** 802.11ac VHT40 CH159 5795MHz 1+2 Horizontal **Fundamental** 03CH07-HY FCC PART 15E\_BAND4\_N 3m HF-ANT\_130829 HORIZONTAL RBW-1000\_000KHz VBW-3000\_000KHz SWT-Auto Peak 660115 94 Peak Peak Left blank

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

WIFI Band 4 5725~5850MHz Band Edge @ 3m **ANT** 802.11ac VHT40 CH159 5795MHz 1+2 Vertical **Fundamental** 03CH07-HY FCC PART 15E\_BAND4\_N 3m HF-ANT\_130829 VERTICAL RBW-1000.000KHz VBW:3000.000KHz SWT:Auto Peak 660115 94 Peak Peak Left blank

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

# Band 4 5725~5850MHz WIFI 802.11ac VHT80 (Band Edge @ 3m)



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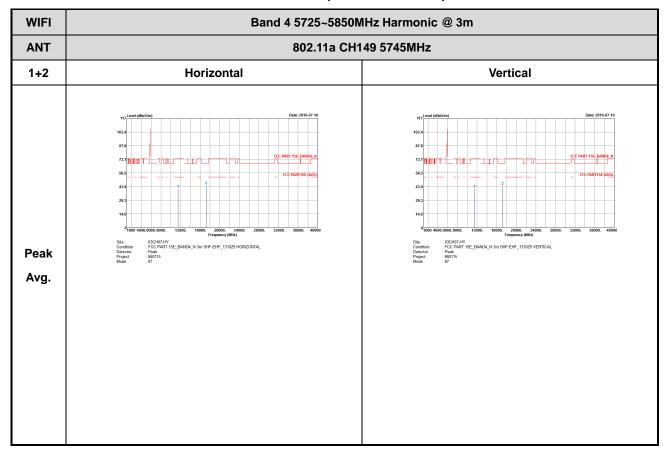
TEL: 886-3-327-3456 FAX: 886-3-328-4978

WIFI Band 4 5725~5850MHz Band Edge @ 3m **ANT** 802.11ac VHT80 CH155 5775MHz 1+2 Vertical **Fundamental** 03CH07-HY FCC PART 15E\_BAND4\_N 3m HF-ANT\_130829 VERTICAL RBW-1000.000KHz VBW:3000.000KHz SWT:Auto Peak 660115 95 Peak Peak Left blank

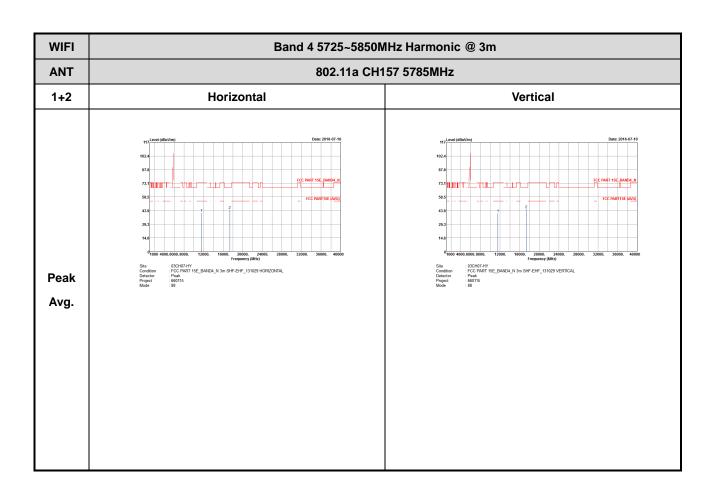
TEL: 886-3-327-3456 FAX: 886-3-328-4978

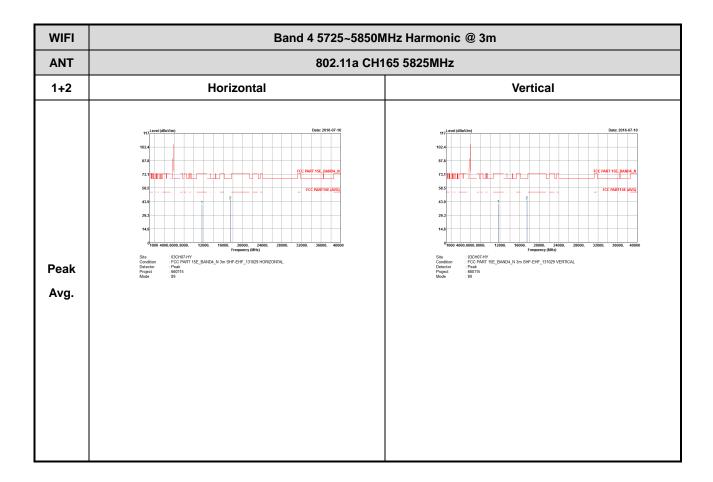
### Band 4 - 5725~5850MHz

## WIFI 802.11a (Harmonic @ 3m)

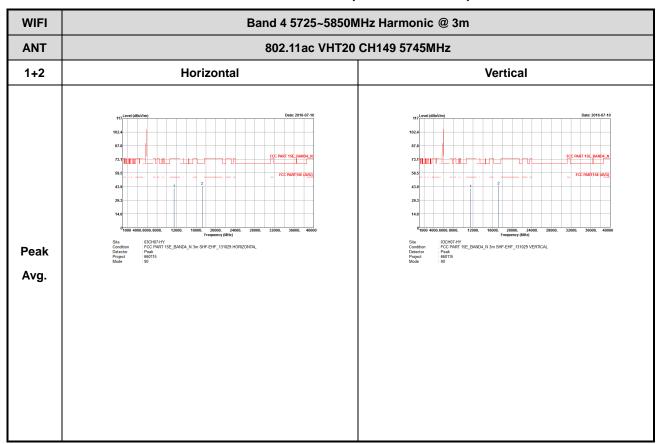


TEL: 886-3-327-3456 FAX: 886-3-328-4978

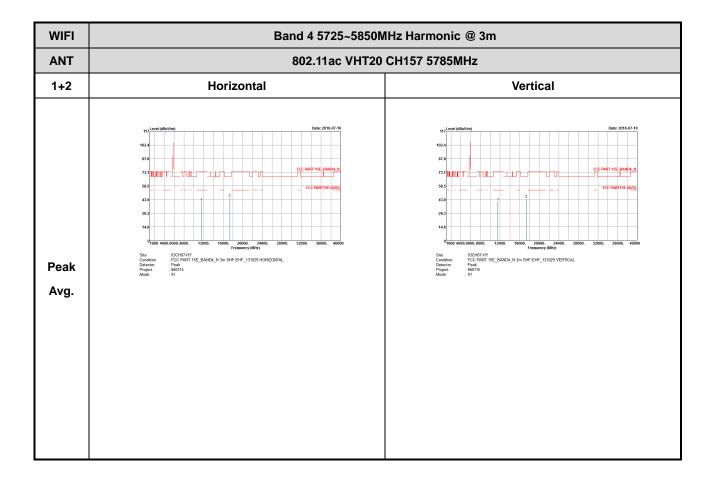


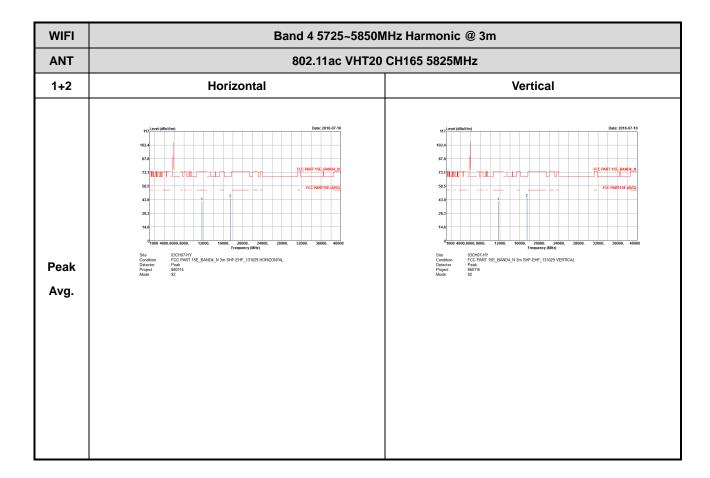


# Band 4 5725~5850MHz WIFI 802.11ac VHT20 (Harmonic @ 3m)

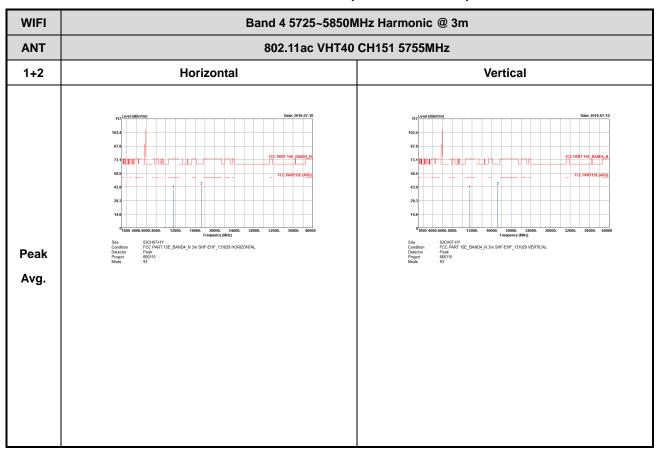


TEL: 886-3-327-3456 FAX: 886-3-328-4978

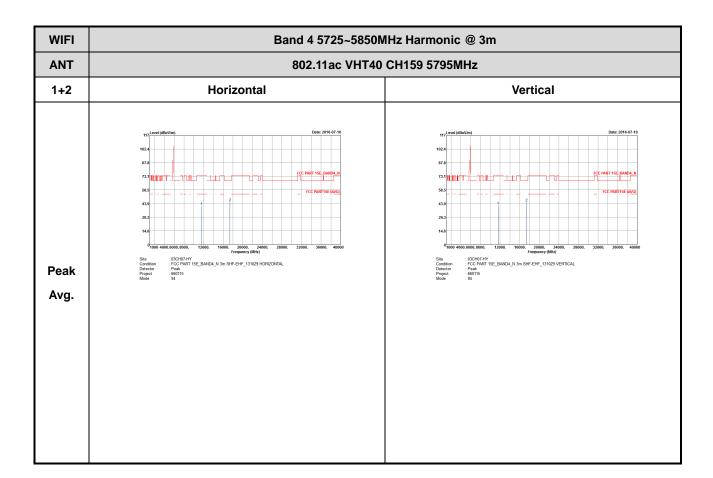




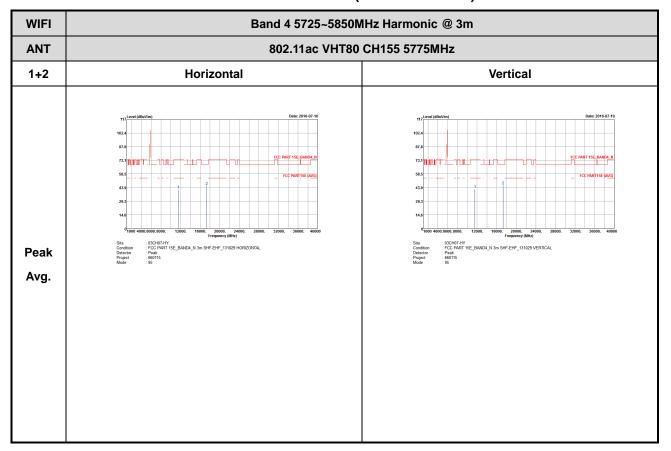
# Band 4 5725~5850MHz WIFI 802.11ac VHT40 (Harmonic @ 3m)



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

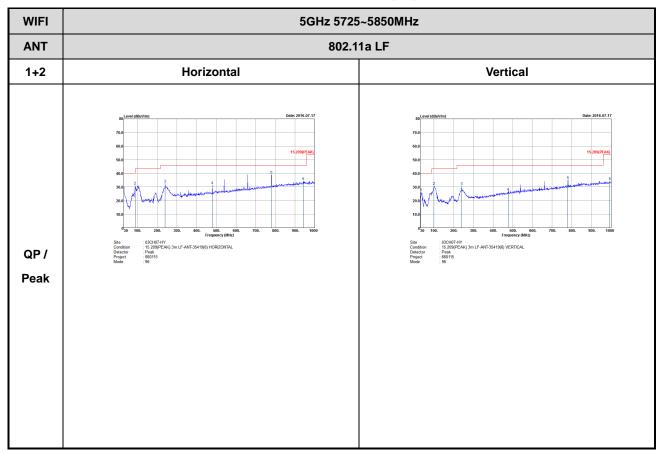


# Band 4 5725~5850MHz WIFI 802.11ac VHT80 (Harmonic @ 3m)



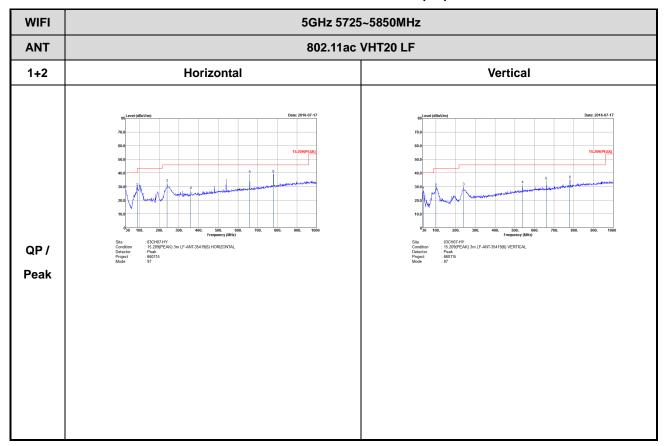
TEL: 886-3-327-3456 FAX: 886-3-328-4978

## 5GHz WIFI 802.11a (LF)



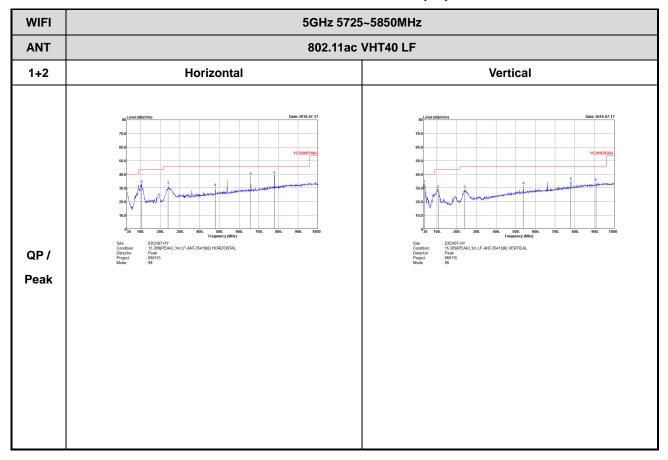
TEL: 886-3-327-3456 FAX: 886-3-328-4978

## 5GHz WIFI 802.11ac VHT20 (LF)



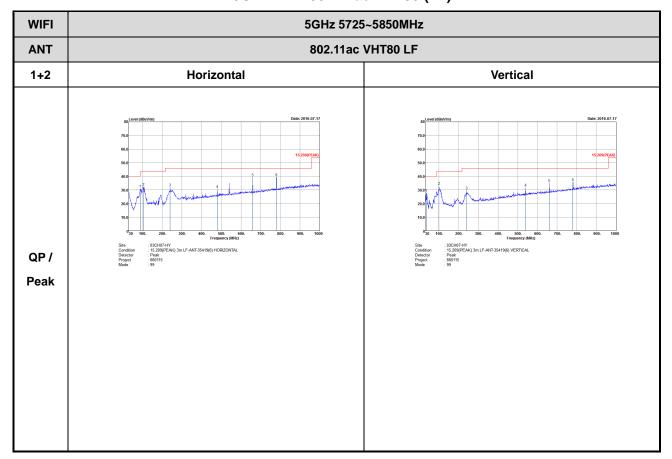
TEL: 886-3-327-3456 FAX: 886-3-328-4978

## 5GHz WIFI 802.11ac VHT40 (LF)



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

## 5GHz WIFI 802.11ac VHT80 (LF)



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



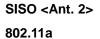
Appendix D. Duty Cycle Plots

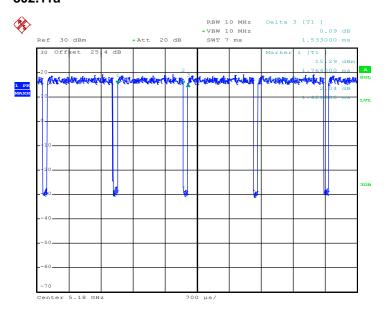
### <Non-TXBF Modes>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
2	802.11a	92.69	1421.00	0.70	1kHz
1+2	802.11a for Ant 1	92.73	1428.00	0.70	1kHz
1+2	802.11a for Ant 2	92.73	1428.00	0.70	1kHz
2	5GHz 802.11ac VHT20	93.2	1344.00	0.74	1kHz
1+2	5GHz 802.11ac VHT20 for Ant 1	92.31	1344.00	0.74	1kHz
1+2	5GHz 802.11ac VHT20 for Ant 2	92.31	1344.00	0.74	1kHz
2	5GHz 802.11ac VHT40	86.46	664.00	1.51	2kHz
1+2	5GHz 802.11ac VHT40 for Ant 1	86.46	664.00	1.51	2kHz
1+2	5GHz 802.11ac VHT40 for Ant 2	86.46	664.00	1.51	2kHz
2	5GHz 802.11ac VHT80	76.5	332.00	3.01	5kHz
1+2	5GHz 802.11ac VHT80 for Ant 1	75.93	328.00	3.05	5kHz
1+2	5GHz 802.11ac VHT80 for Ant 2	76.85	332.00	3.01	5kHz

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

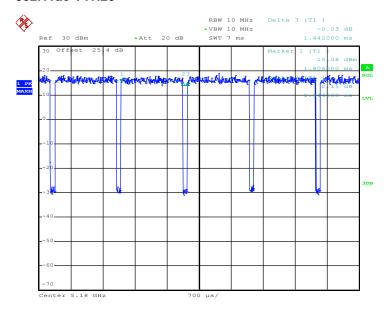






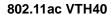
Date: 20.JUN.2016 16:02:32

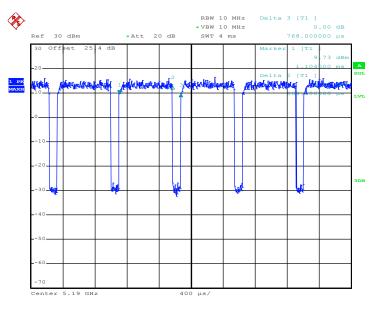
#### 802.11ac VTH20



Date: 20.JUN.2016 16:23:33

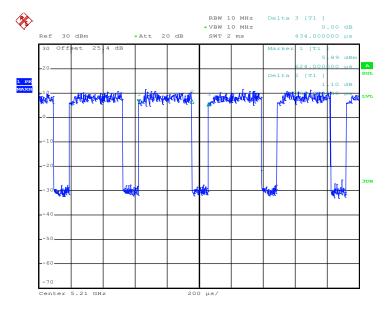






Date: 20.JUN.2016 16:28:25

### 802.11ac VTH80



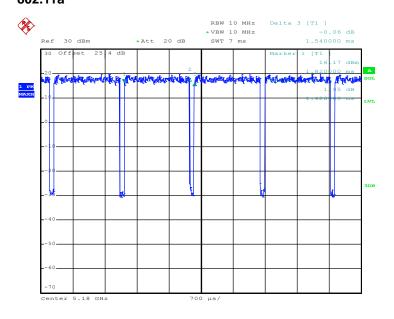
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Page Number

: D3 of D10

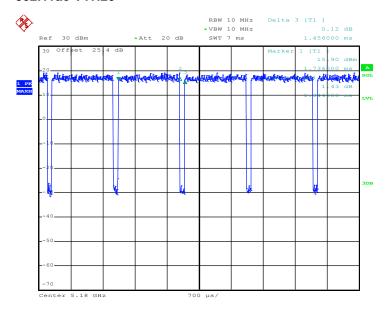


## MIMO <Ant. 1+2(1)> 802.11a



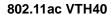
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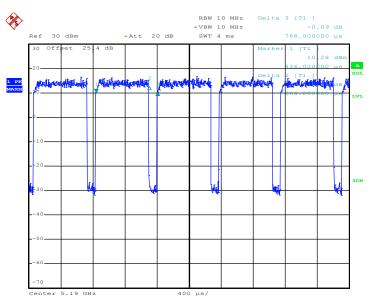
#### 802.11ac VTH20



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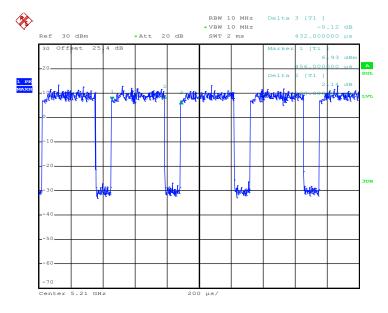






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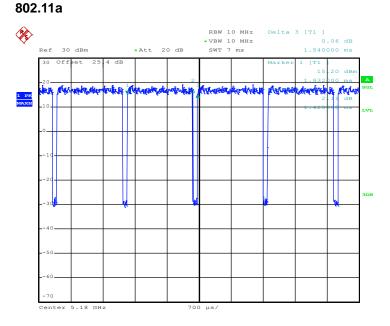
### 802.11ac VTH80



Date: 20.JUN.2016 16:52:39

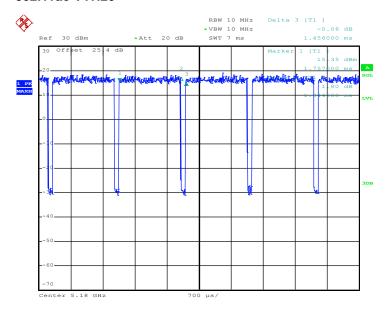


# MIMO <Ant. 1+2(2)>



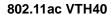
Date: 20.JUN.2016 16:04:57

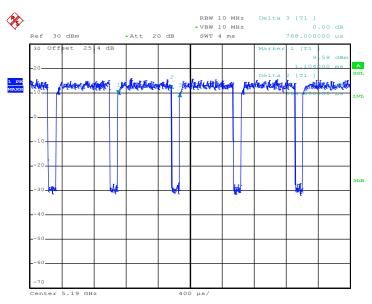
#### 802.11ac VTH20



Date: 20.JUN.2016 16:25:23

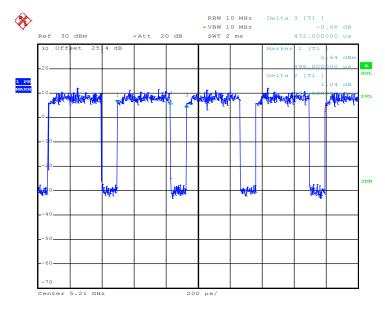






Date: 20.JUN.2016 16:43:26

### 802.11ac VTH80



Date: 20.JUN.2016 16:53:30



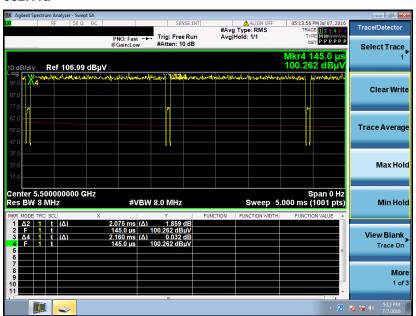
# FCC RF Test Report

#### <TXBF Modes>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1+2	802.11a	96.06	2075.00	0.48	1kHz
1+2	5GHz 802.11ac VHT20	97.22	3840.00	0.26	300Hz
1+2	5GHz 802.11ac VHT40	97.14	4590.00	0.22	300Hz
1+2	5GHz 802.11ac VHT80	96.9	4215.00	0.24	300Hz

#### MIMO <Ant. 1+2>

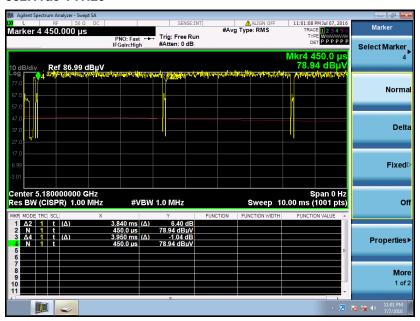
#### 802.11a



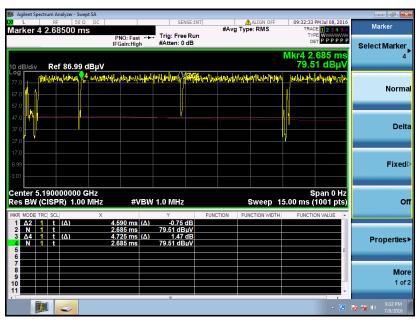
TEL: 886-3-327-3456 FAX: 886-3-328-4978



#### 802.11ac VTH20



#### 802.11ac VTH40





#### 802.11ac VTH80

