Appendix C. Radiated Spurious Emission Plots

| Test Engineer : | Karl Hou, Rover Lee, Peter Liao, Citta Ke, and Nick Yu | Temperature : | 22~25°C |
|-----------------|--|---------------------|---------|
| | | Relative Humidity : | 52~56% |

Report No. : FR6O0801-01D

Note symbol

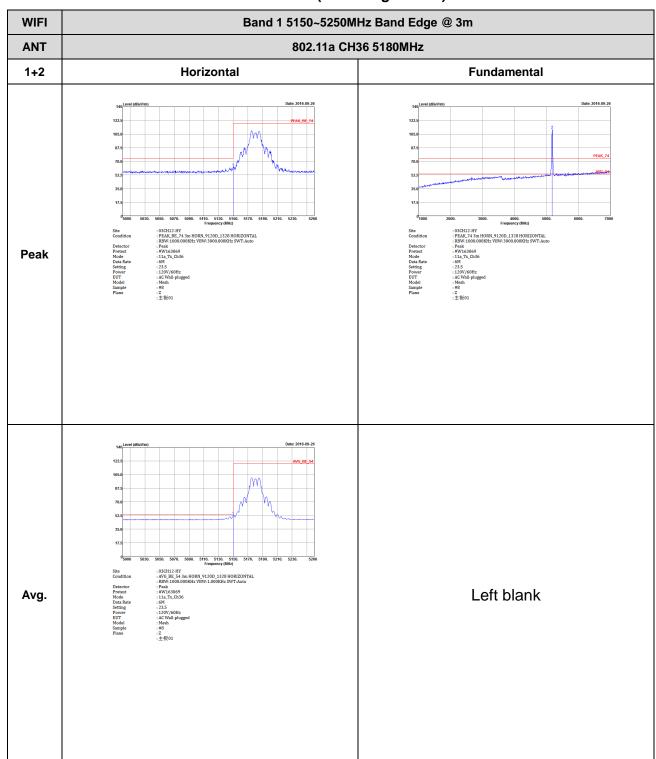
| -L | Low channel location |
|----|-----------------------|
| -R | High channel location |

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

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

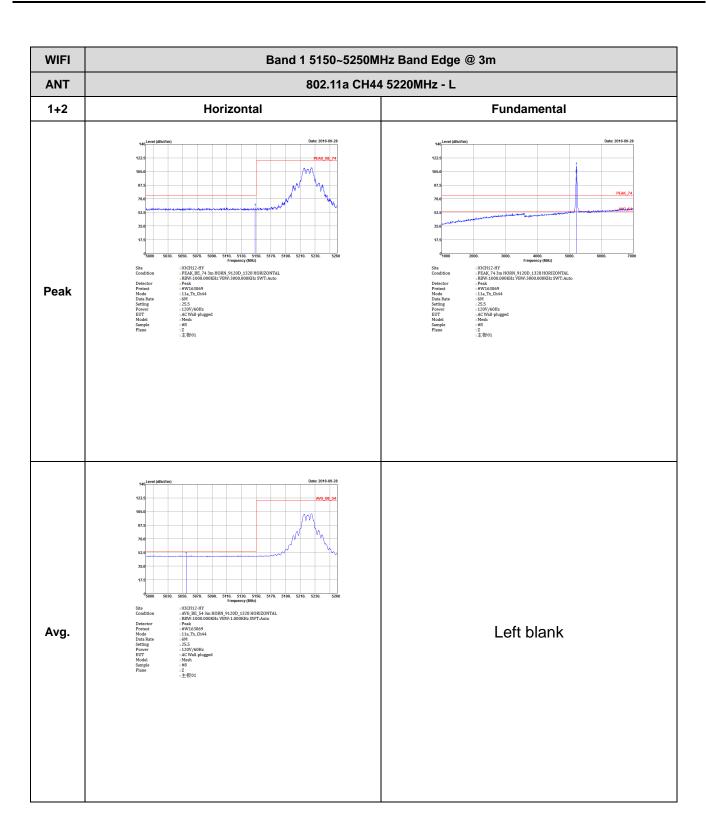


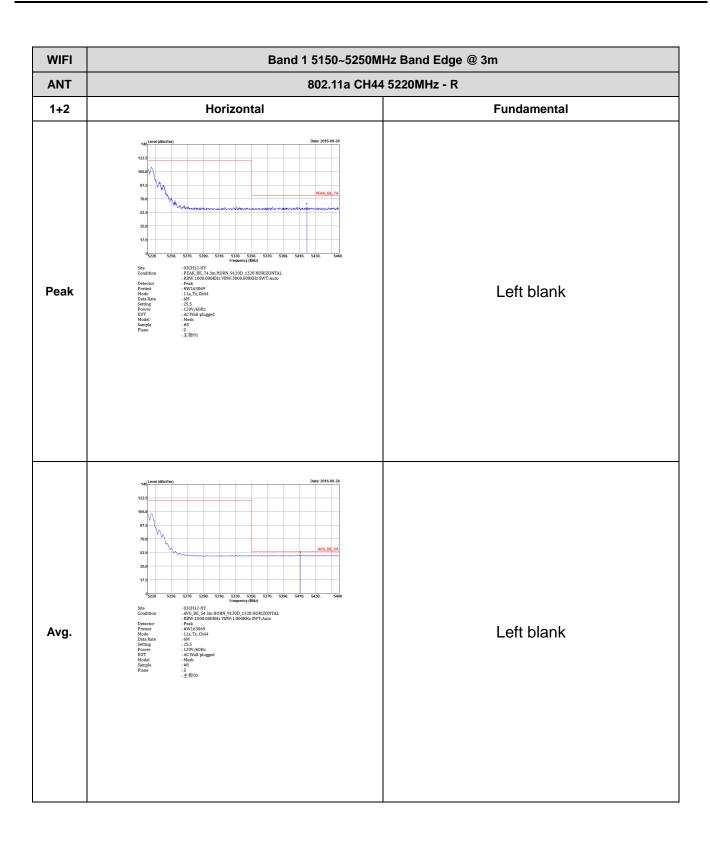
SPORTON INTERNATIONAL INC.

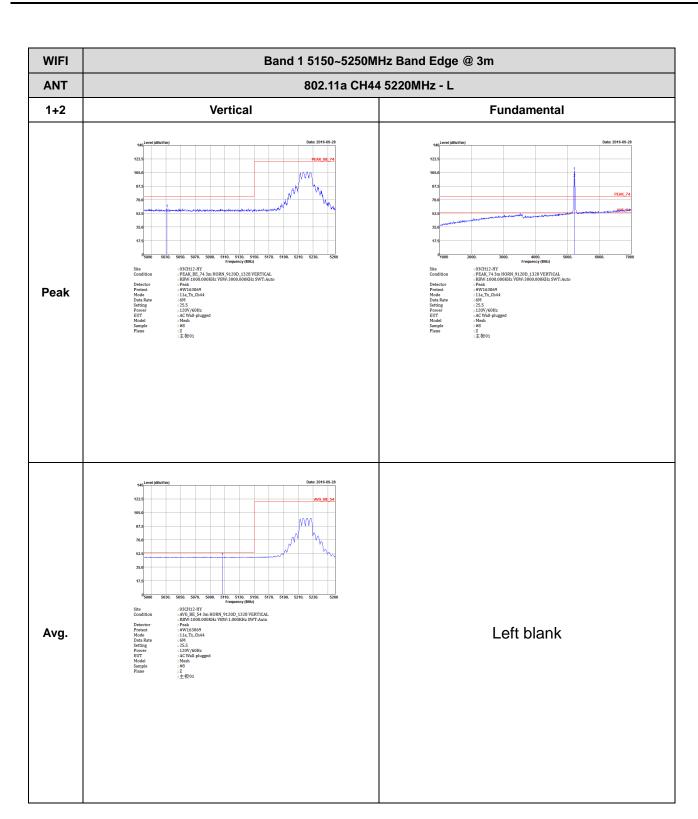
TEL: 886-3-327-3456 FAX: 886-3-328-4978

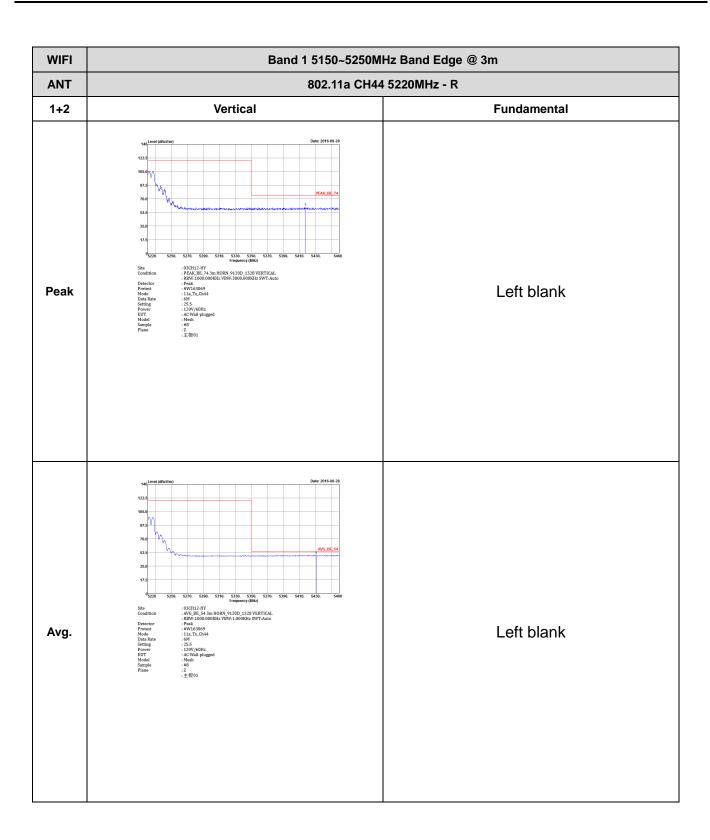
WIFI Band 1 5150~5250MHz Band Edge @ 3m **ANT** 802.11a CH36 5180MHz 1+2 Vertical **Fundamental** Frequency (MHz)
:03CH12-HY
:PEAK, 74 3m HORN, 9120D, 1328 VERTICAL
:RBW-1000.000KHz VBW-3000.000KHz SWT-Auto
:Peak
:W163069
:11a_Tx_Ch36
:6M Peak Frequency (Mist)
: 03CH12-HY
: 4NV. BE, 54 3m HONN. 9120D, 1328 VERTICAL
: RBW11000.000MHz VBW1.1.000MHz SWT-Auto
: #W1630699
: 114_TA_CABB.
: 6M
: 6M
: 2.220V/00192
: AC VAII-plugged
: Mesh Left blank Avg.

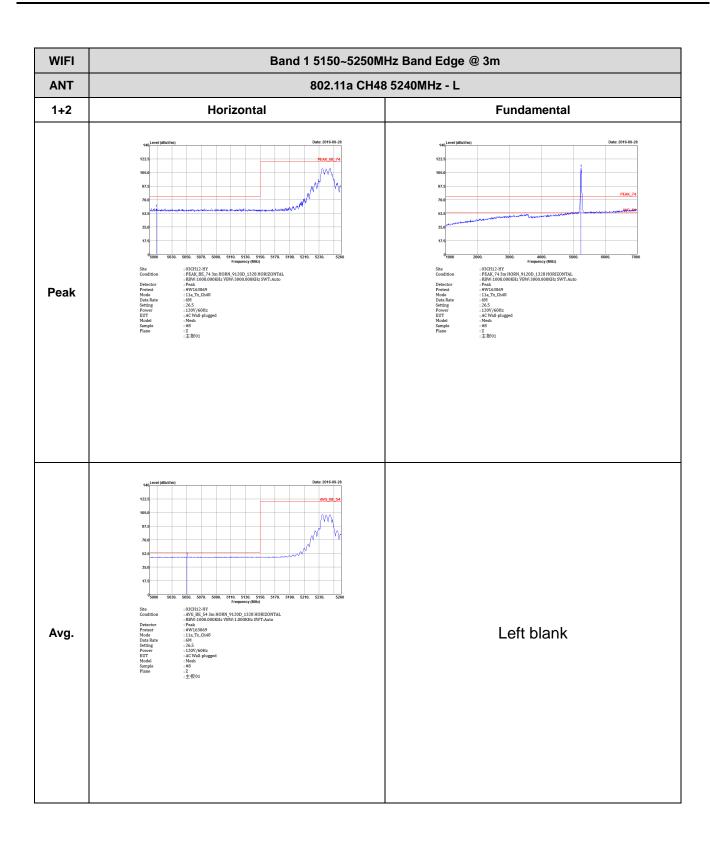
TEL: 886-3-327-3456 FAX: 886-3-328-4978

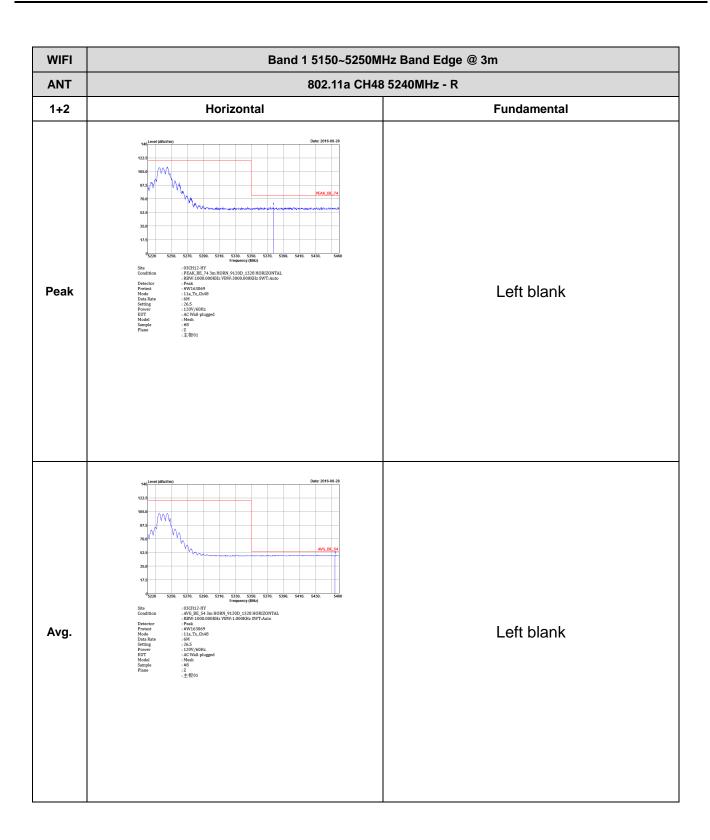






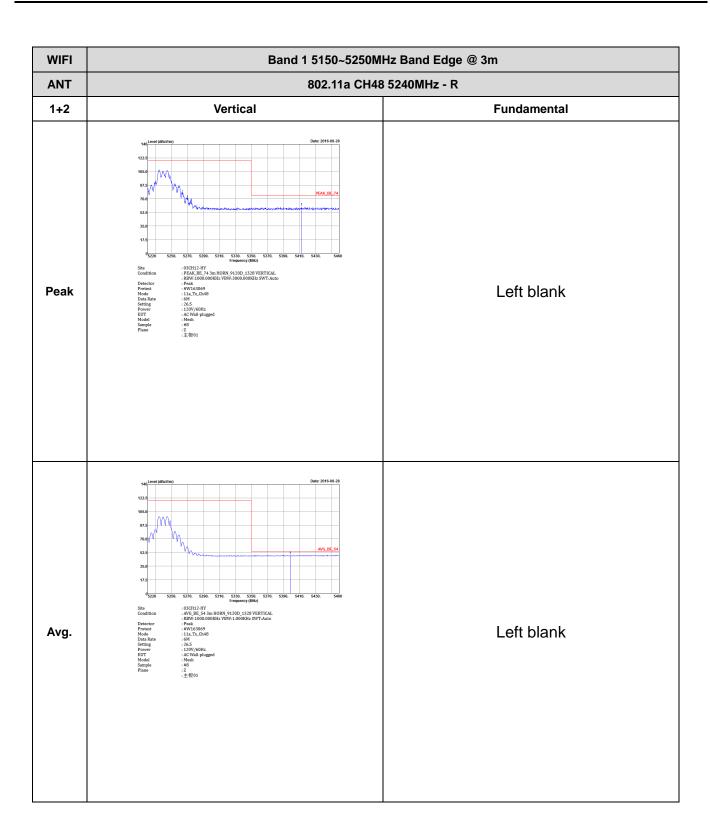




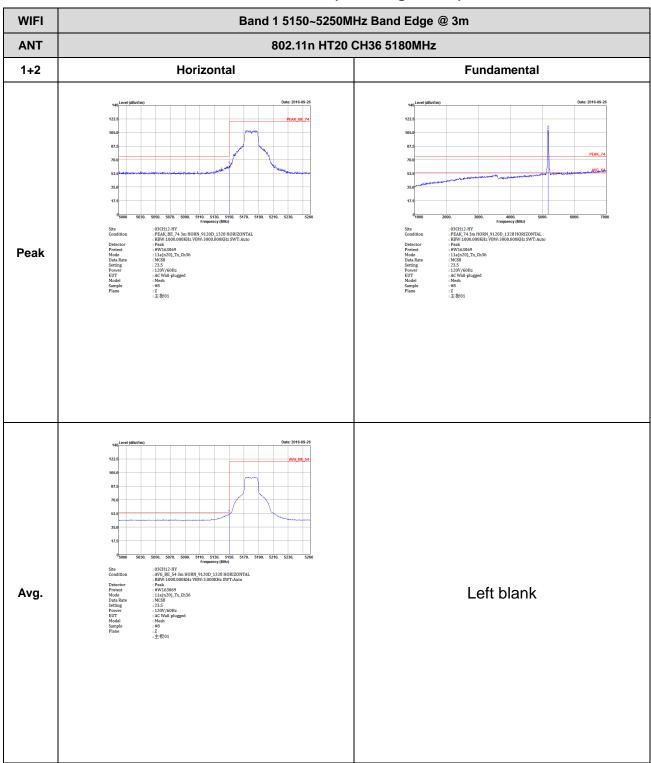


WIFI Band 1 5150~5250MHz Band Edge @ 3m **ANT** 802.11a CH48 5240MHz - L 1+2 Vertical **Fundamental** Frequency (MHz)
:03CH12-HY
:PEAK, 74 3m HORN, 9120D, 1328 VERTICAL
:RBW-1000.000KHz VBW-3000.000KHz SWT-Auto
:Peak
:W163069
:11a_Tx_Ch48
:6M Peak | 103CH12-HY | 103CH12-HY | 103CH12-HY | 14V0_BE_543 m HON. 9120D_1328 VERTICAL | 18W1-1000_00Ntht VSW1.100Wths.SWT.Auto | 18W1-103.0699 | 111a_TC_b48 | 6M | 126W1-103CH18-HY_1 Left blank Avg.

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Band 1 5150~5250MHz WIFI 802.11n HT20 (Band Edge @ 3m)

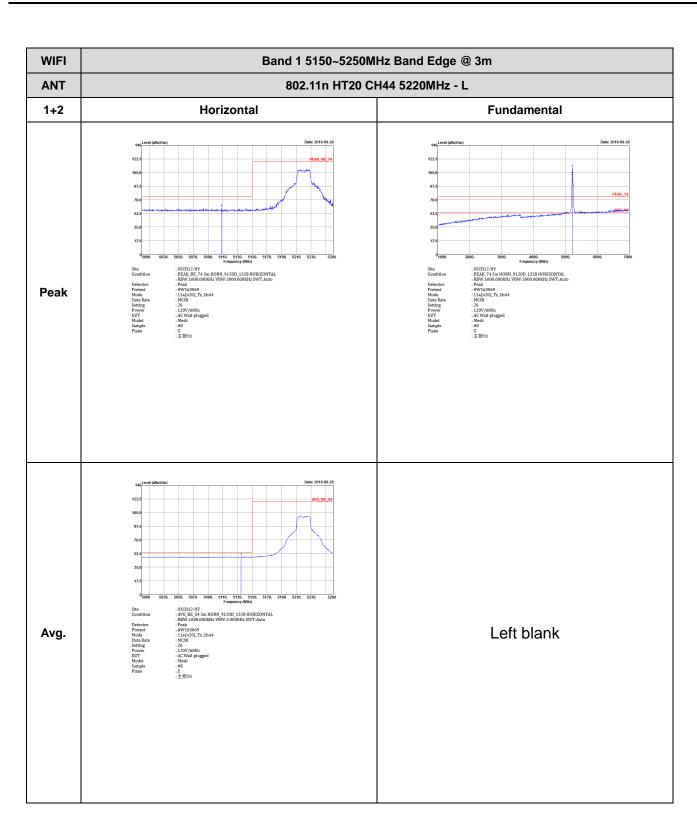


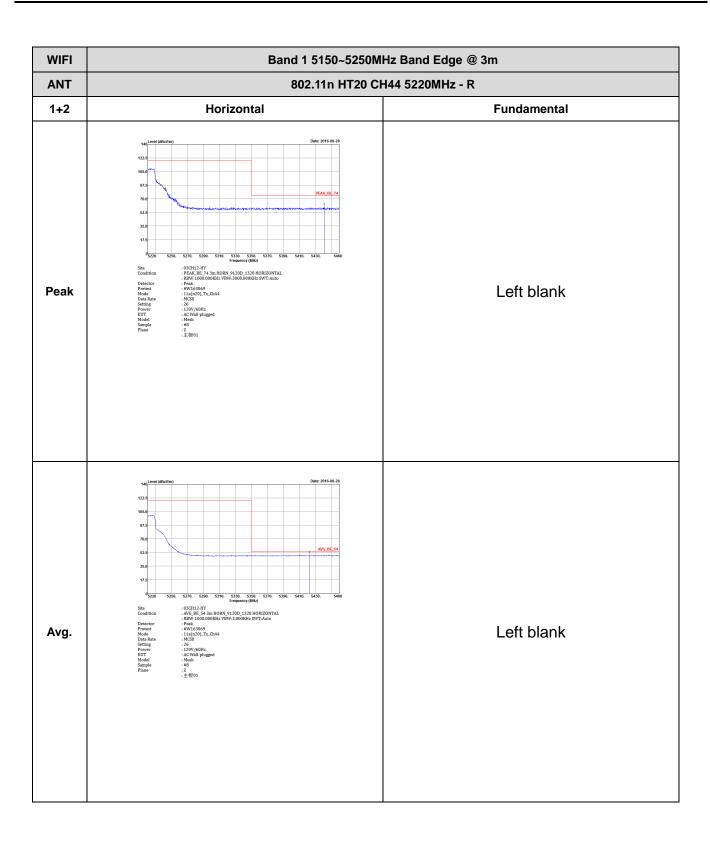
TEL: 886-3-327-3456 FAX: 886-3-328-4978

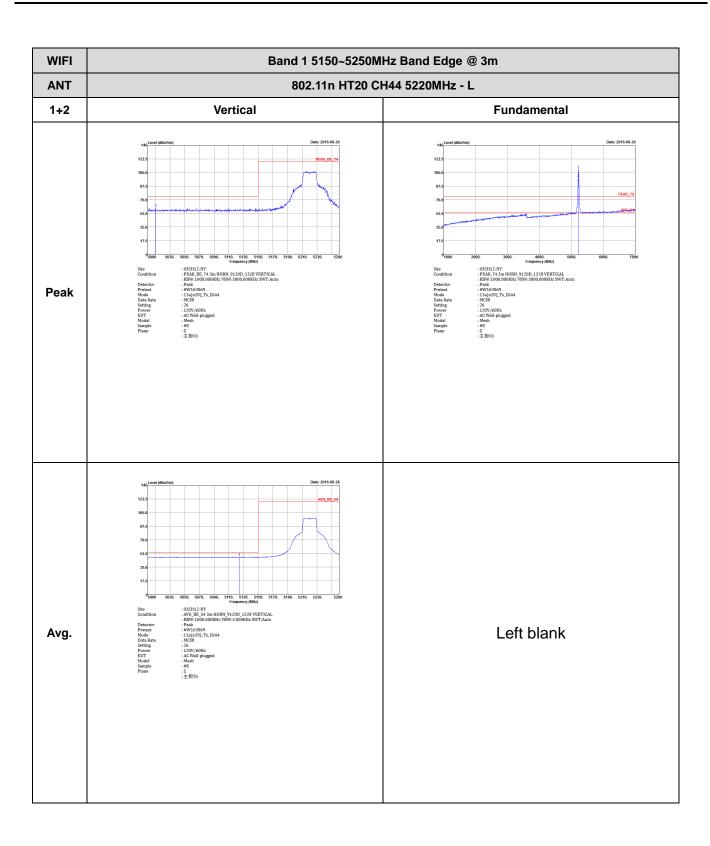
WIFI Band 1 5150~5250MHz Band Edge @ 3m **ANT** 802.11n HT20 CH36 5180MHz 1+2 Vertical **Fundamental** Frequency (Mix)

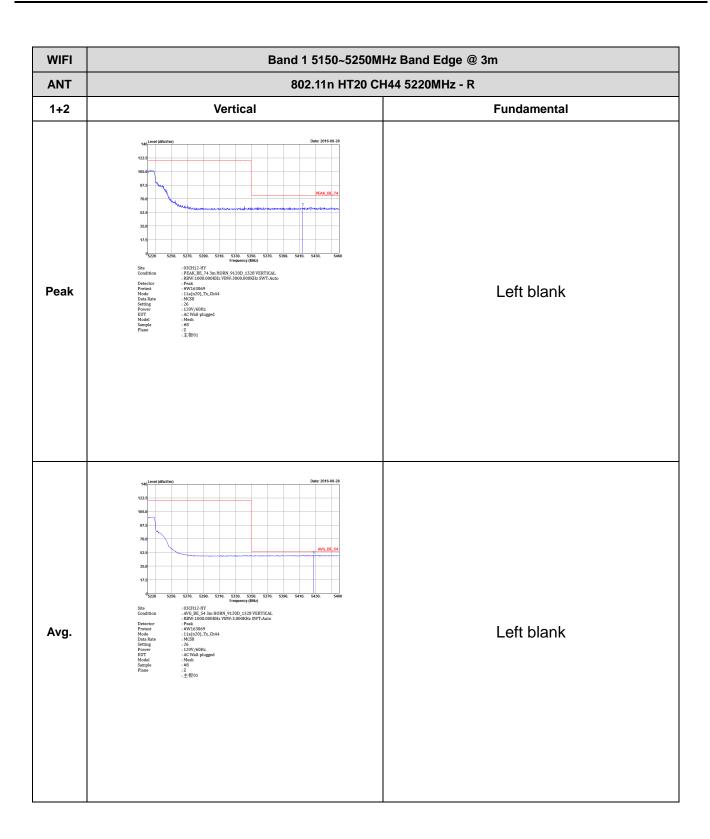
103CH12-HY
1-PEAK, 74-3m HORN, 9120D, 1328 VERTICAL
1-RBW-1000.000KHz VBW-3000.000KHz SWT-Auto
1-Peak
1-W163069
1114(20)_Tx_Ch36
MCS8 Peak Frequency (MHz)
: 03CH12-HY
: AVC, BE, S4 3m HORN_9120D_1328 VERTICAL
: RBW:1000.000KHz VBW:3.000KHz SWT:Auto
: Peak
: #W163069
: 114a(n20)_Tx_Ch36
: MCS8 Left blank Avg.

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









WIFI Band 1 5150~5250MHz Band Edge @ 3m **ANT** 802.11n HT20 CH48 5240MHz - L 1+2 Horizontal **Fundamental** 9000
Frequency (MHz)

Frequency (MHz)

PEAK, 74 5m HORN, 9120D, 1328 HORIZONTAL

RBW-1000.000KHz VBW-3000.000KHz SWT-Auto

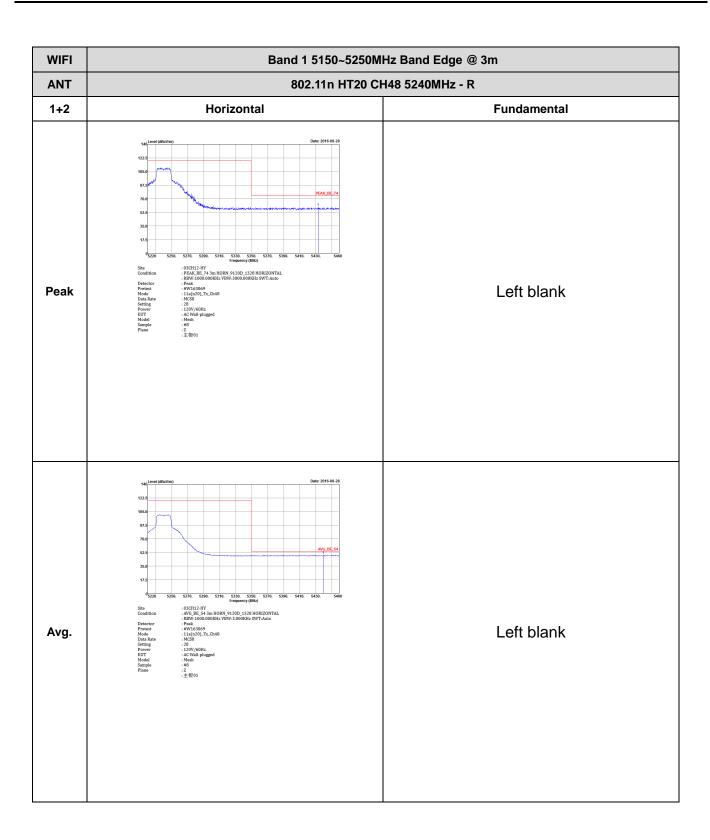
Peak

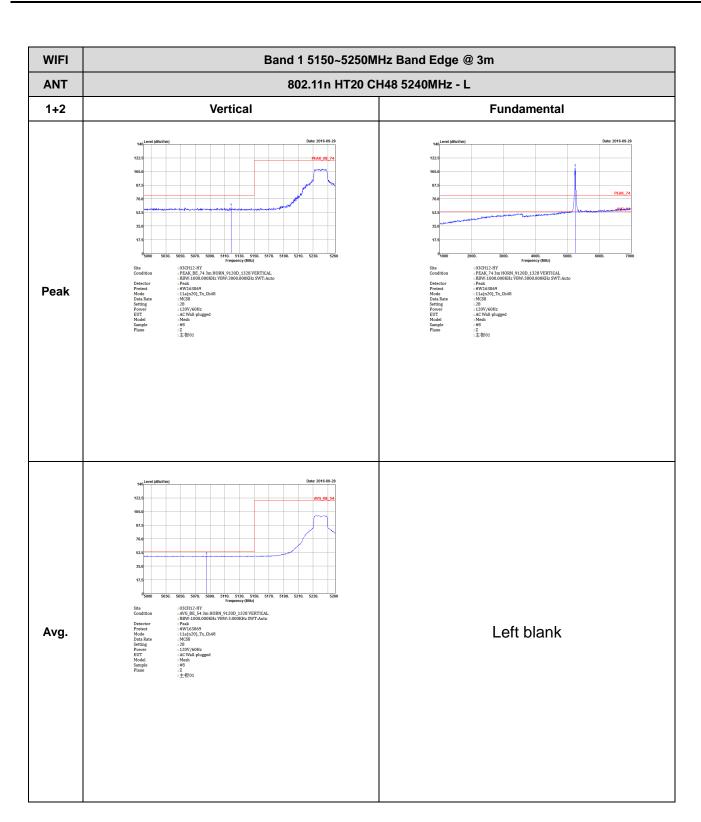
#W163069

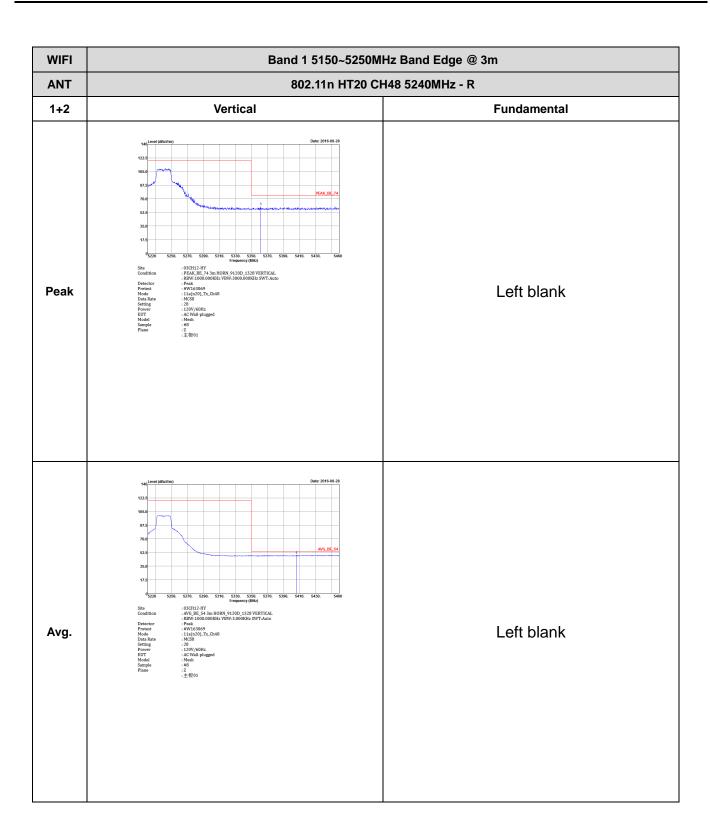
114(20)_Tx_Ch48

MC38 Peak | 103CH12-HY | 1-AVO_BE_54 am HORN_9120D_1328 HORIZONTAL | 18BW1.000.000KHz VBW13.000KHz SWT.Auto | 18-BW1.000.000KHz VBW13.000KHz SWT.Auto | 18-BW1.00069 | 114a[n20]_Tx_Ch48 | 1465.005 | 12-BW1.005.005 | 12-BW Left blank Avg.

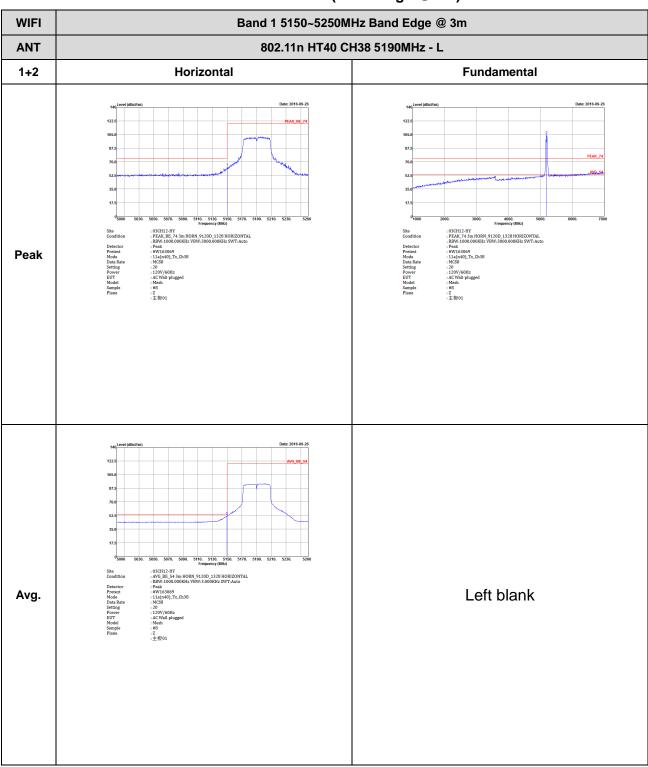
TEL: 886-3-327-3456 FAX: 886-3-328-4978







Band 1 5150~5250MHz WIFI 802.11n HT40 (Band Edge @ 3m)



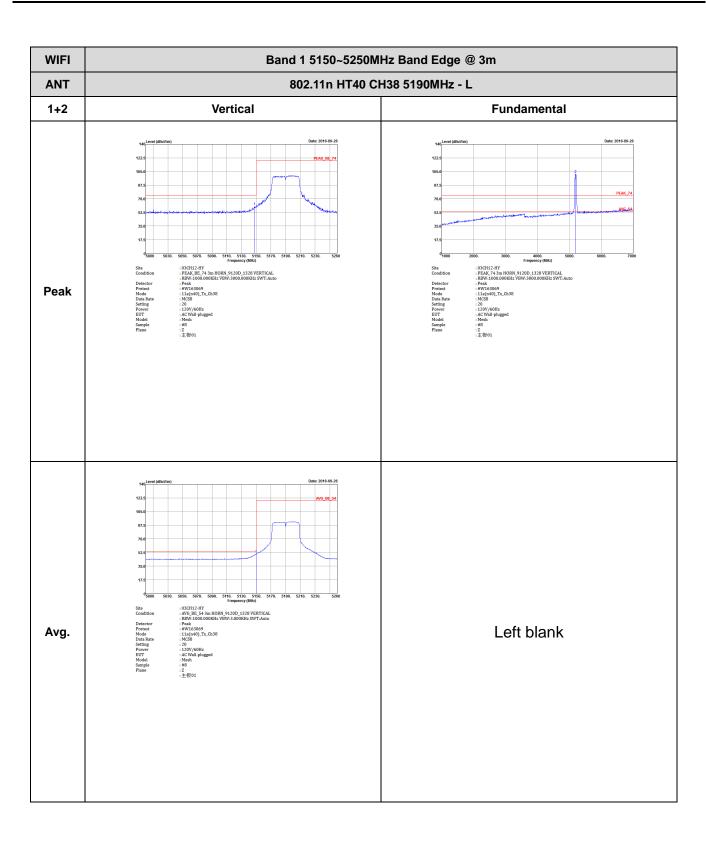
TEL: 886-3-327-3456 FAX: 886-3-328-4978

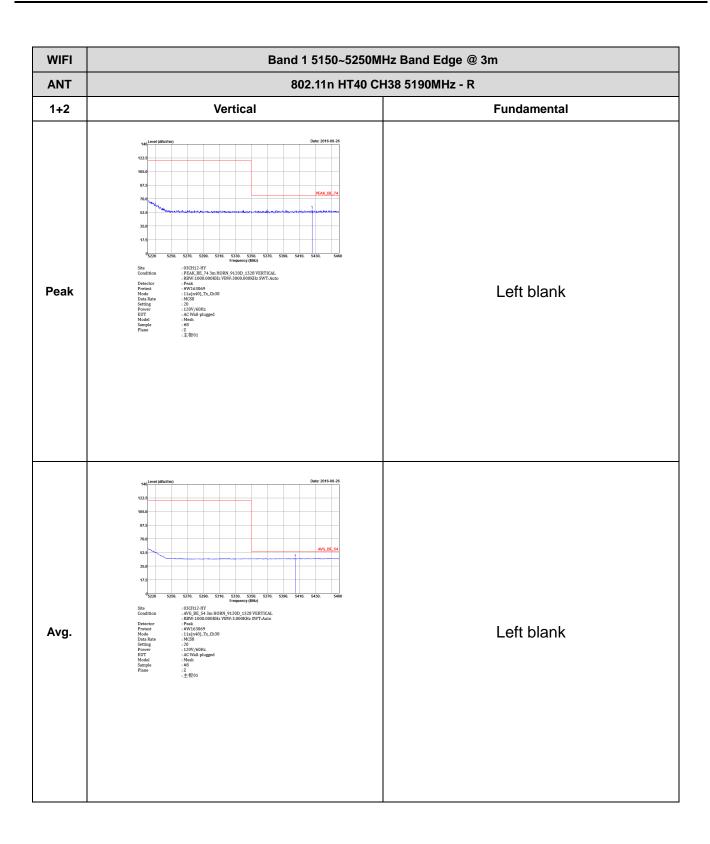
WIFI Band 1 5150~5250MHz Band Edge @ 3m **ANT** 802.11n HT40 CH38 5190MHz - R 1+2 Horizontal **Fundamental** Peak Left blank Frequency (MHz)

: 03CH12-HY

: AVC_BE_543m HORN_9120D_1328 HORIZONTAL
: REWY1000_000RHz VEW/3.000RHz SWT.Auto
: Peak
: #W163069
: 114g/#40]_TX_Ch38
: MCS8
: CS8 Left blank Avg.

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





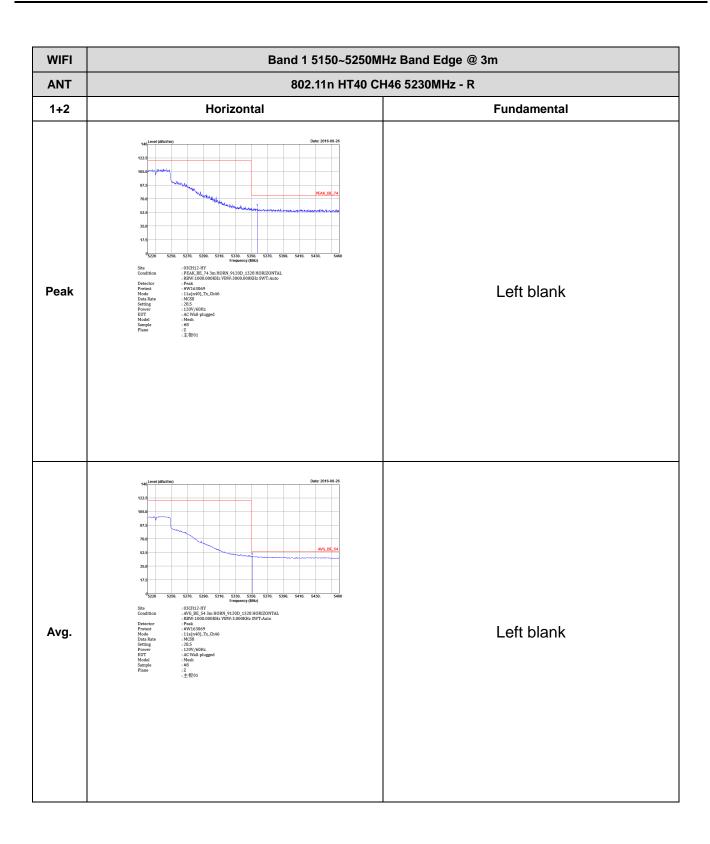
WIFI Band 1 5150~5250MHz Band Edge @ 3m **ANT** 802.11n HT40 CH46 5230MHz - L 1+2 Horizontal **Fundamental** 9000
Frequency (MHz)

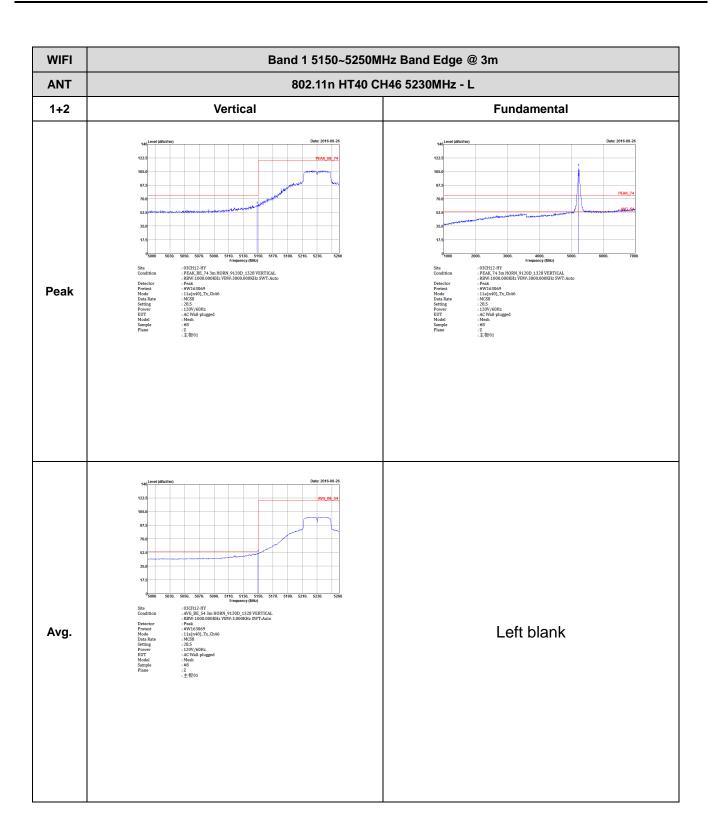
1 PEAK, 74 5m HORN, 9120D, 1328 HORIZONTAL
1 RBW-1000.000KHz VBW-3000.000KHz SWT-Auto
1 Peak
1 W163069
1 11a(n40)_Tx_Cb46
MC38 Peak Frequency (MHz)

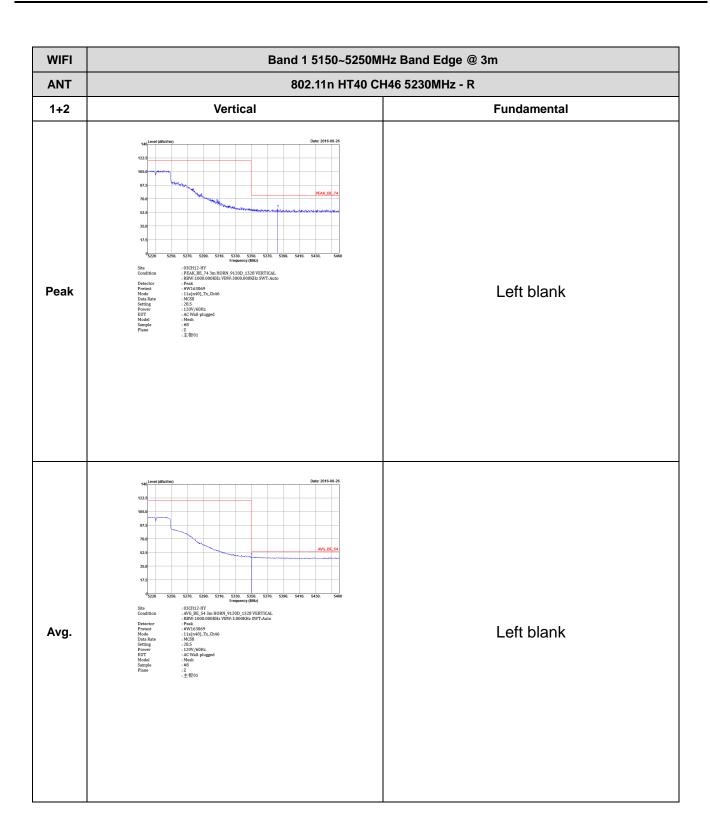
: 03CH12-HY

: AVC_BE_543m HORN_9120D_1328 HORIZONTAL
: REWY1000_000RHz VEW/3.000RHz SWT.Auto
: Peak
: #W163069
: 114[n40]_TX_Cb46
: MCS8 Left blank Avg.

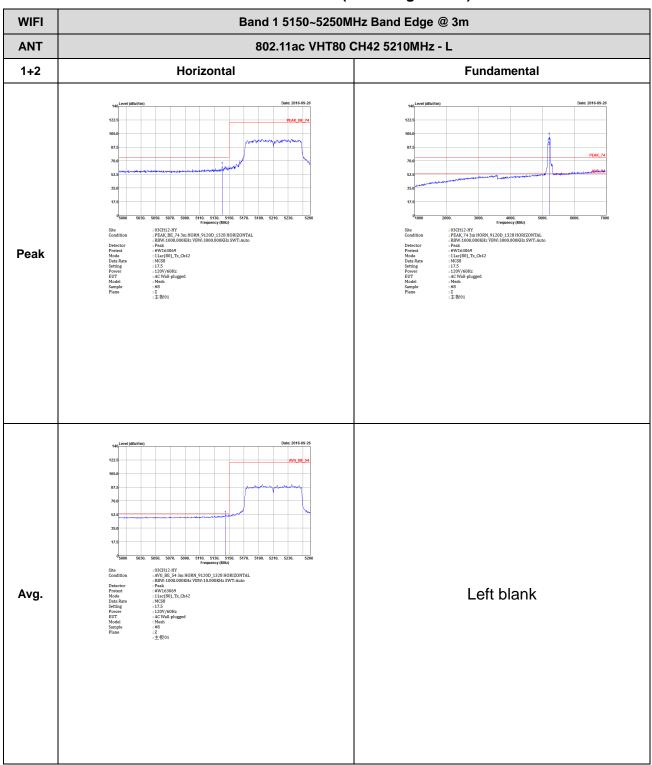
TEL: 886-3-327-3456 FAX: 886-3-328-4978



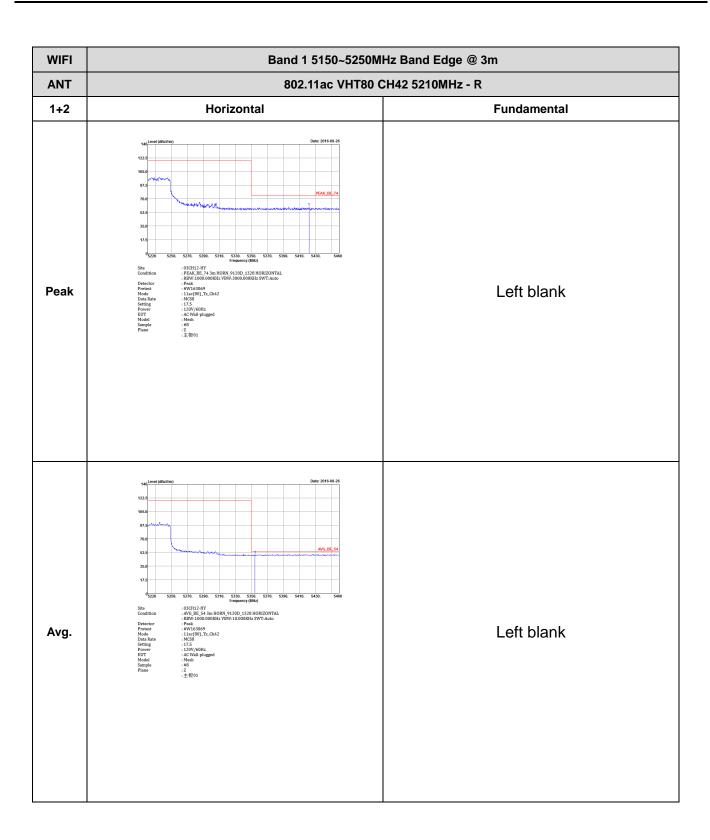


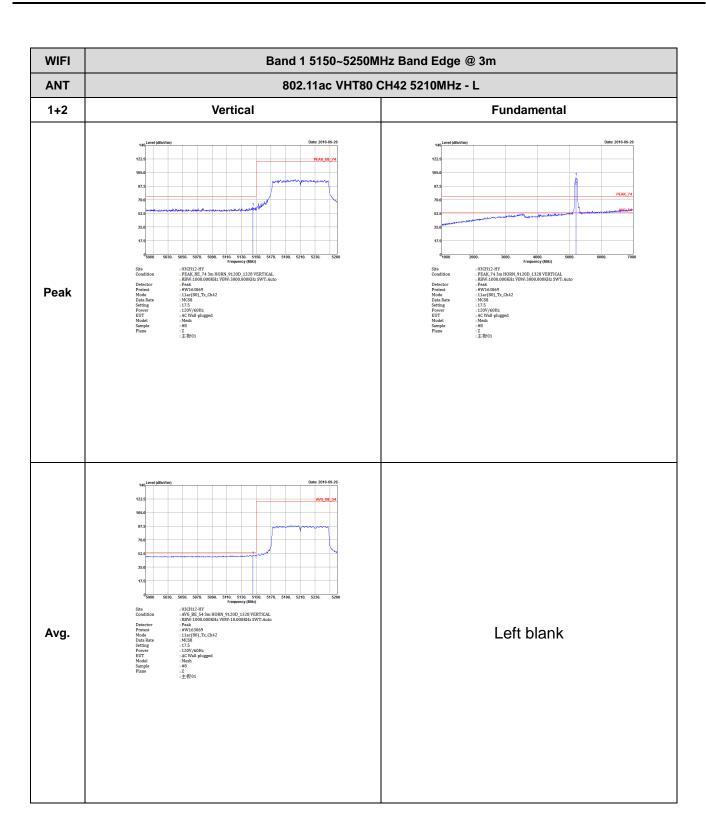


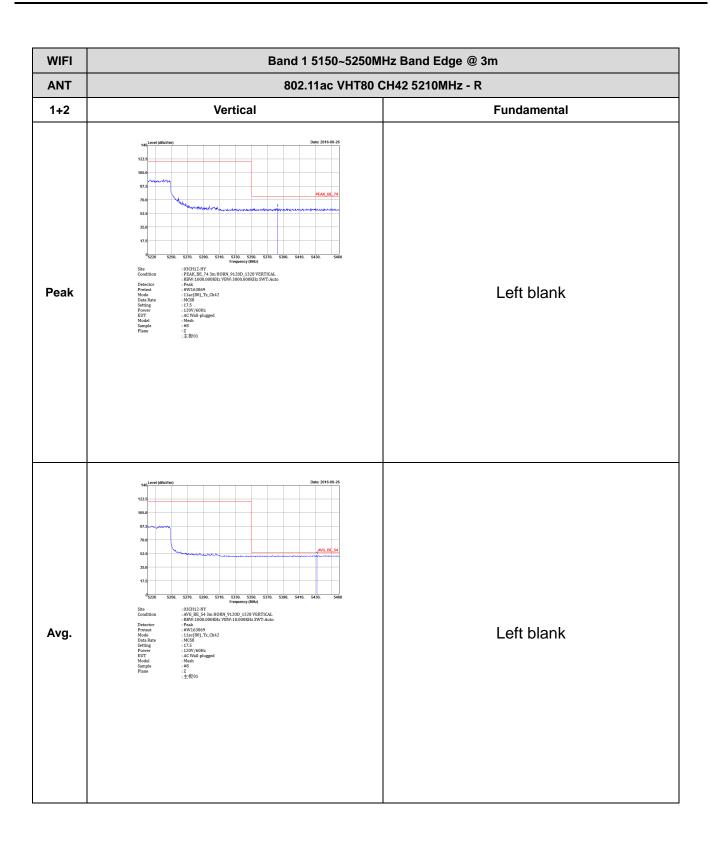
Band 1 5150~5250MHz WIFI 802.11ac VHT80 (Band Edge @ 3m)



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

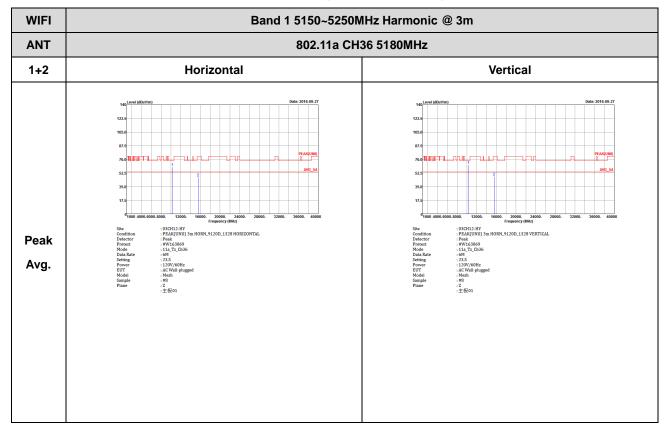






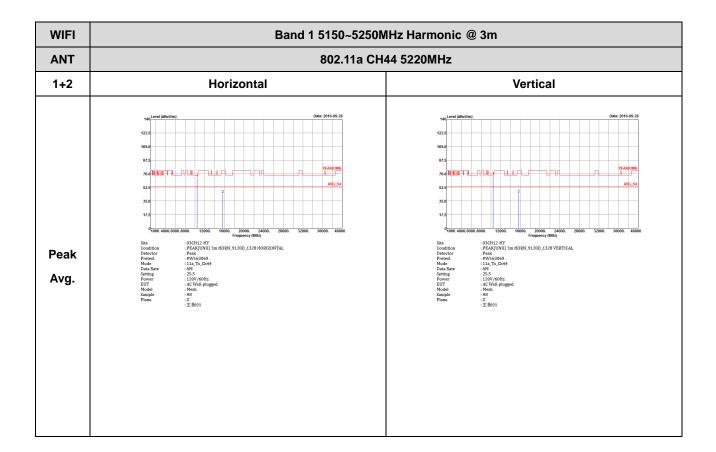
Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

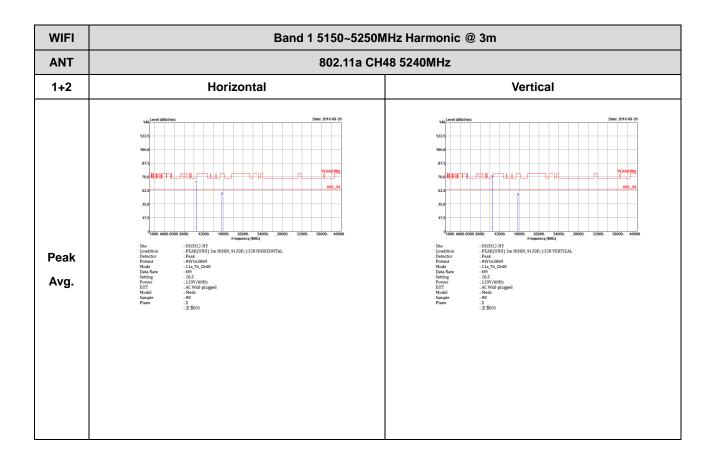


TEL: 886-3-327-3456 FAX: 886-3-328-4978

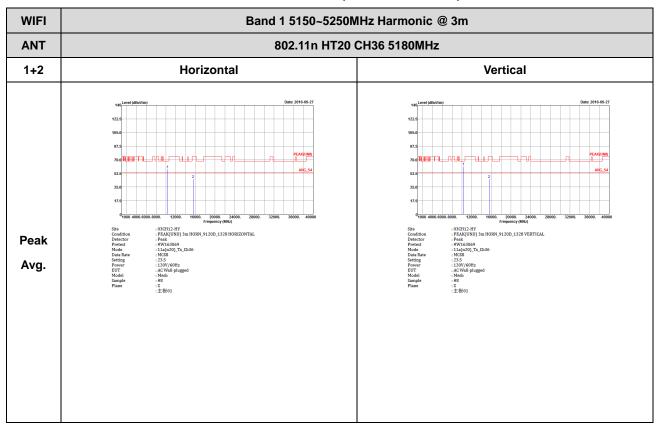






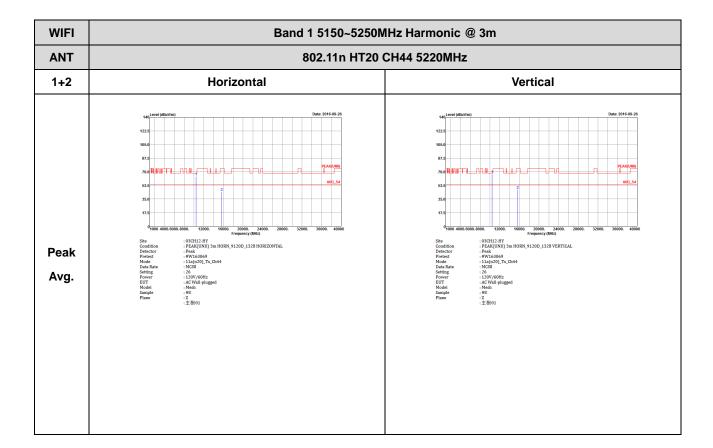


Band 1 5150~5250MHz WIFI 802.11n HT20 (Harmonic @ 3m)

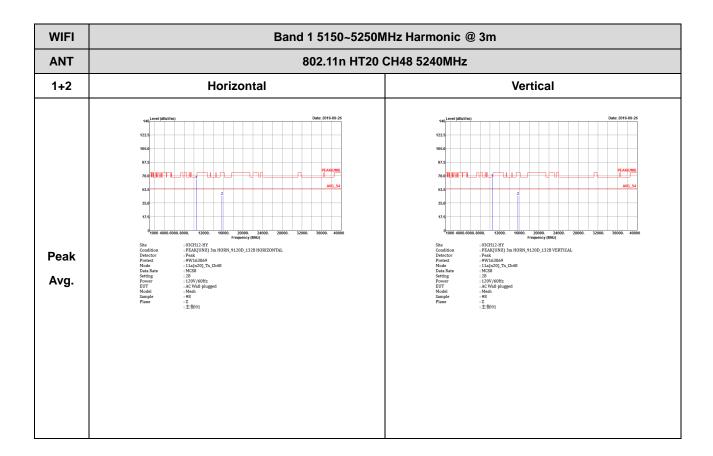


TEL: 886-3-327-3456 FAX: 886-3-328-4978

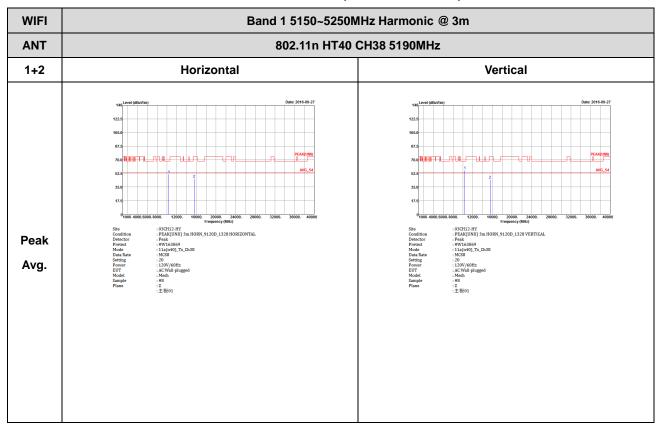






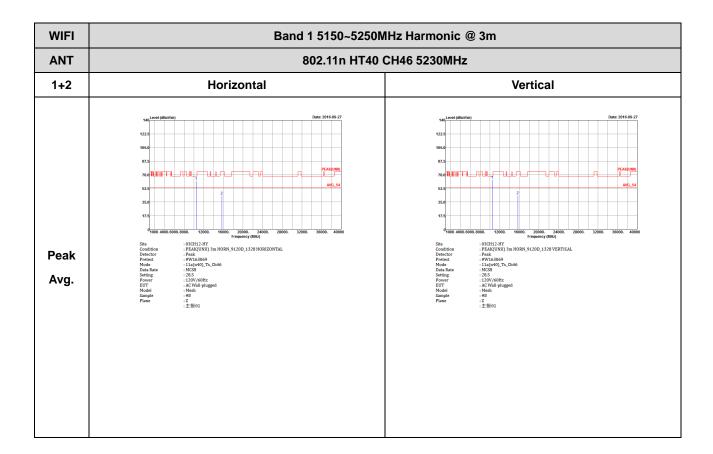


Band 1 5150~5250MHz WIFI 802.11n HT40 (Harmonic @ 3m)

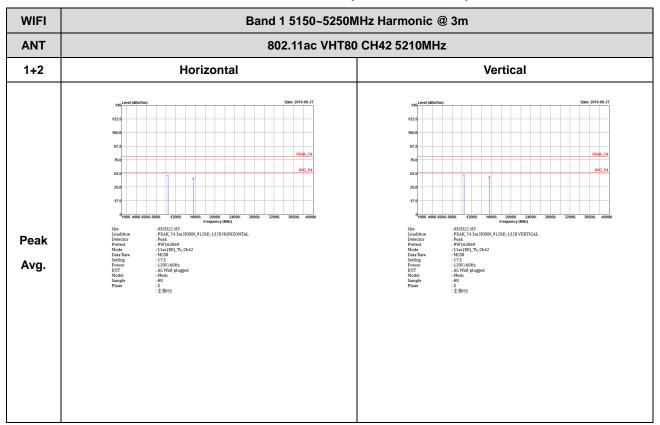


TEL: 886-3-327-3456 FAX: 886-3-328-4978



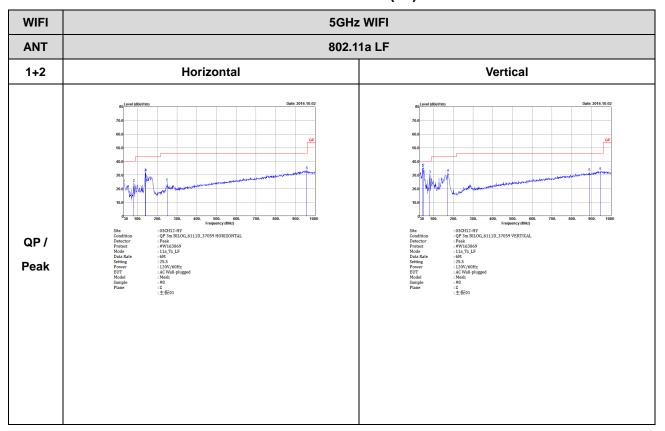


Band 1 5150~5250MHz WIFI 802.11ac VHT80 (Harmonic @ 3m)



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

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

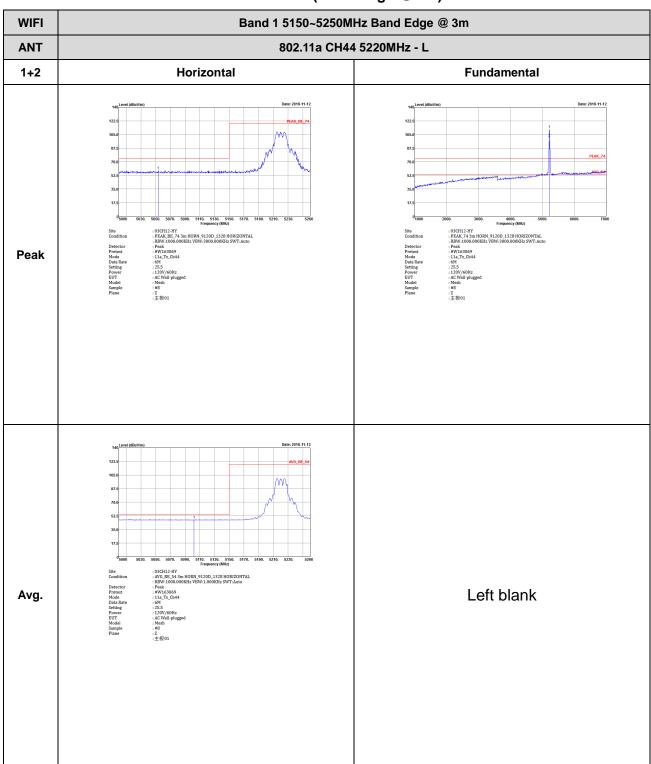


TEL: 886-3-327-3456 FAX: 886-3-328-4978

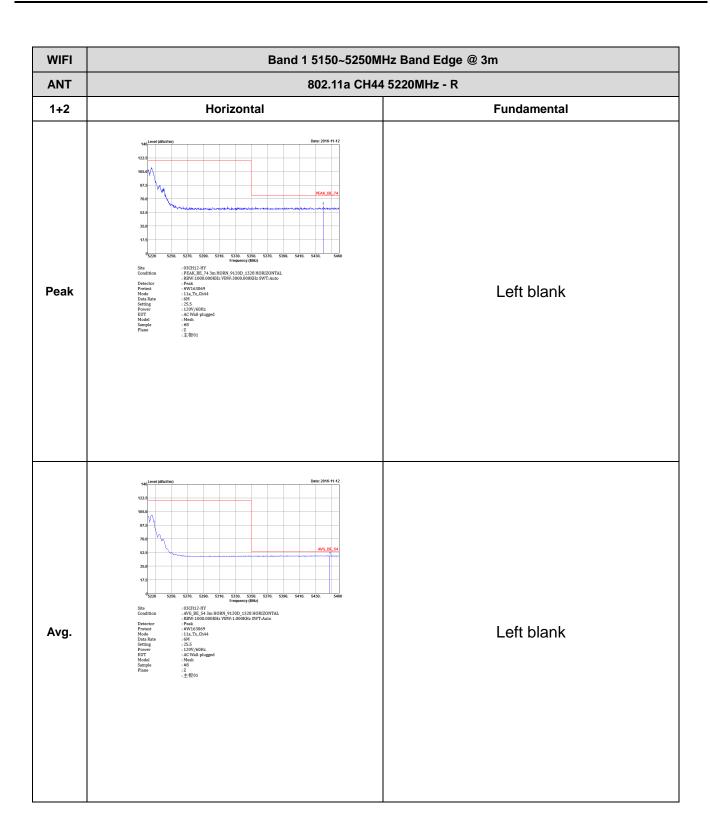
<EUT with RJ-45>

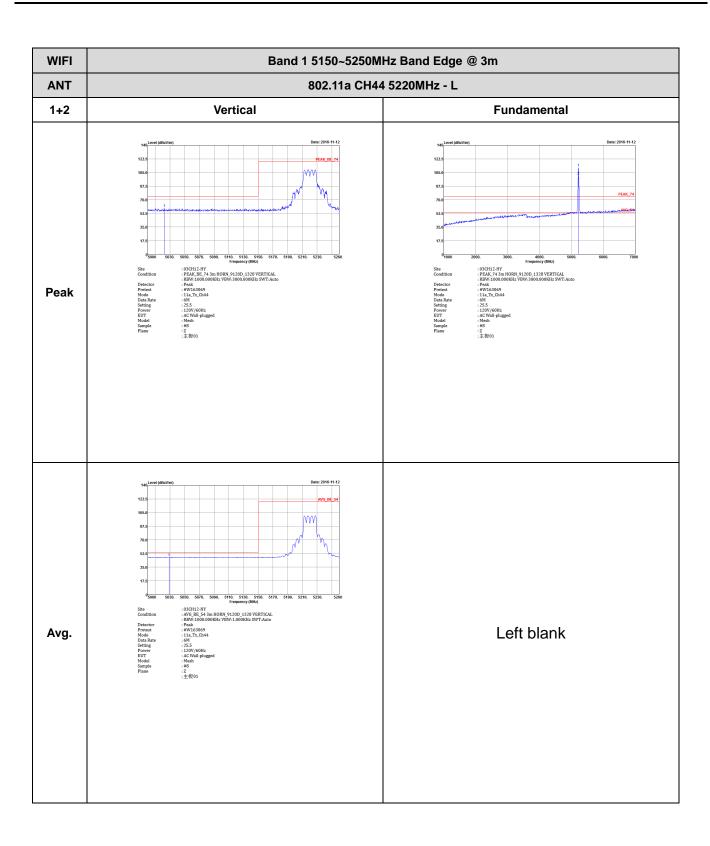
Band 1 - 5150~5250MHz

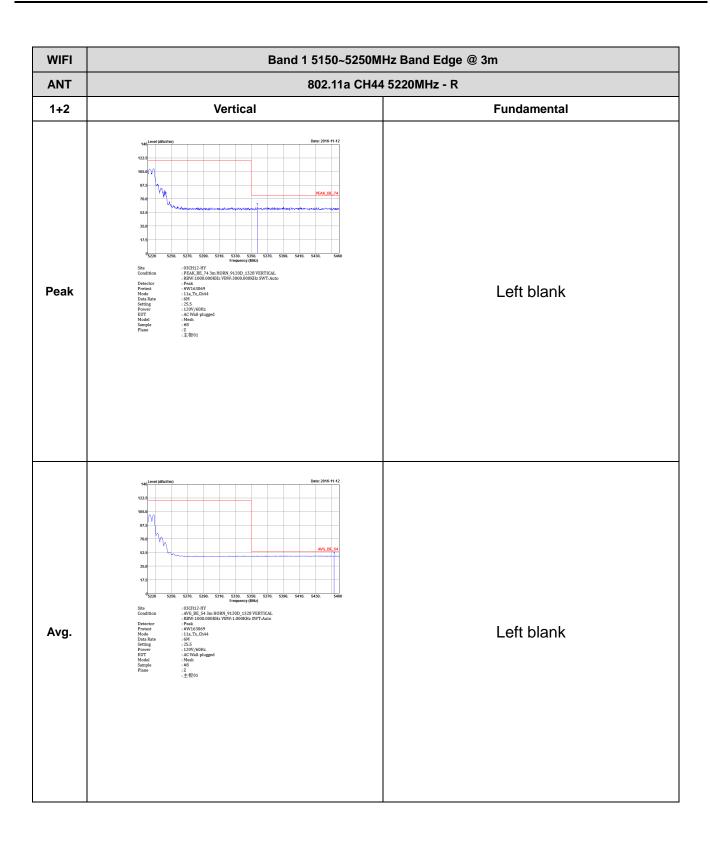
WIFI 802.11a (Band Edge @ 3m)



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

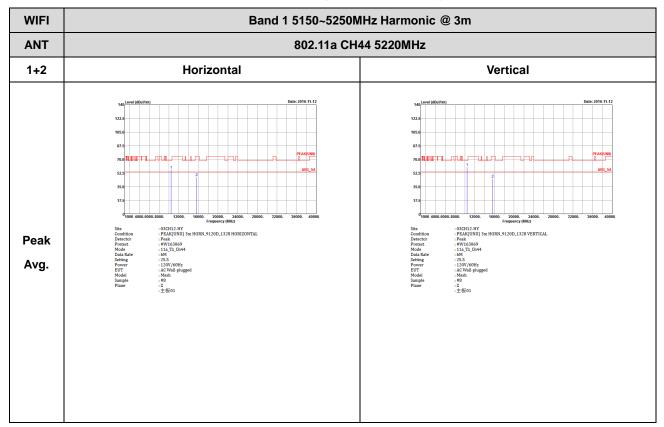






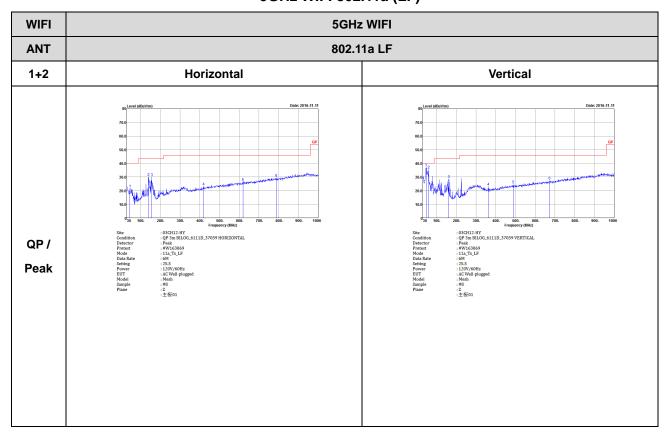
Band 1 - 5150~5250MHz

WIFI 802.11a (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