WIFI

Band 3 5470~5725MHz Band Edge @ 3m

Chain

802.11ac VHT80 CH106 5530MHz - R

2 Vertical

Fundamental

Peak

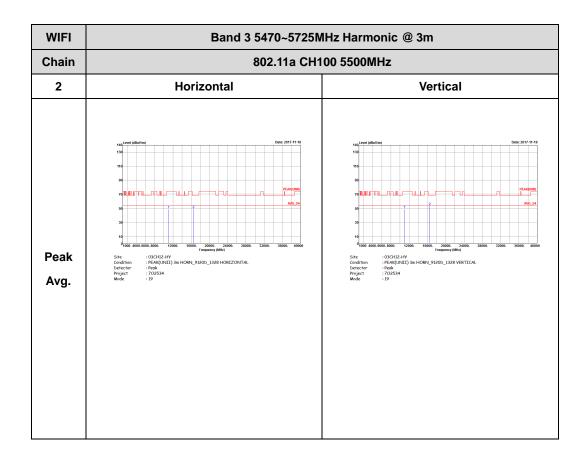
Peak

Left blank

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



Band 3 - 5470~5725MHz WIFI 802.11a (Harmonic @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw : D116 of D233



WIFI

Band 3 5470~5725MHz Harmonic @ 3m

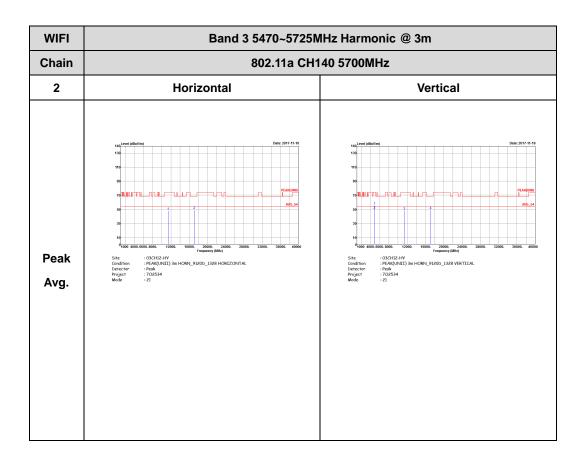
802.11a CH116 5580MHz

2 Horizontal Vertical

Peak
Avg.

Peak
Avg.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

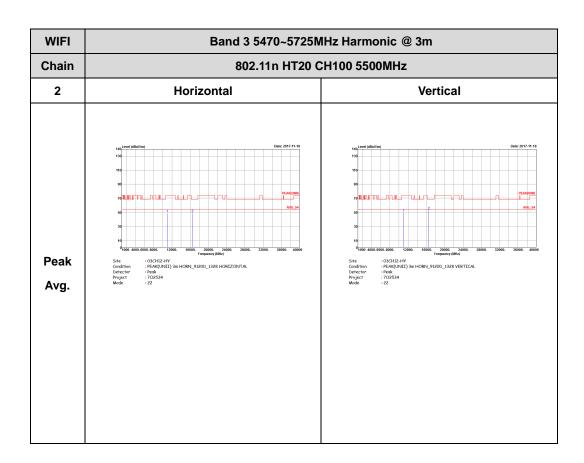


TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw Page Number

: D118 of D233



Band 3 5470~5725MHz WIFI 802.11n HT20 (Harmonic @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



WIFI

Band 3 5470~5725MHz Harmonic @ 3m

Chain

802.11n HT20 CH116 5580MHz

Peak

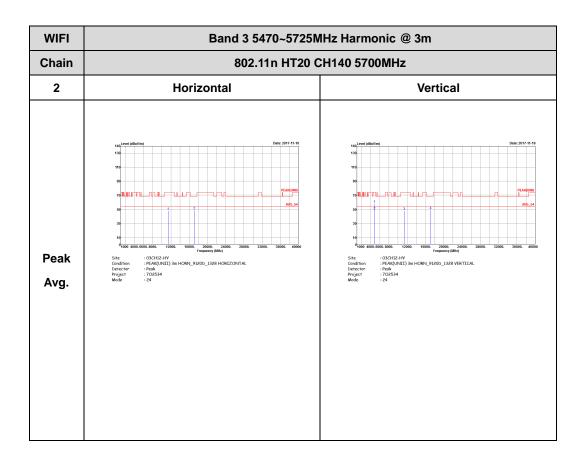
Avg.

Peak

Avg.

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: D120 of D233

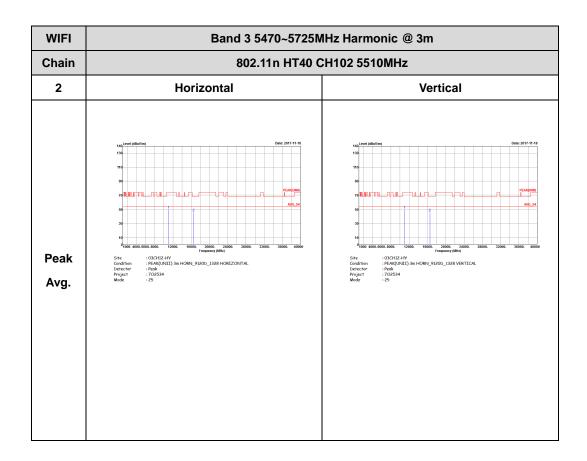


TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw Page Number

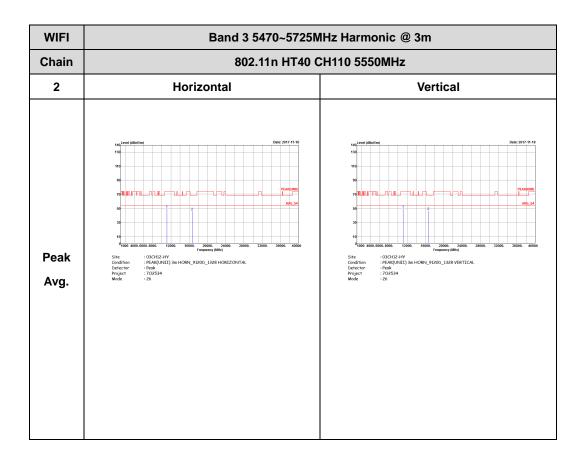
: D121 of D233



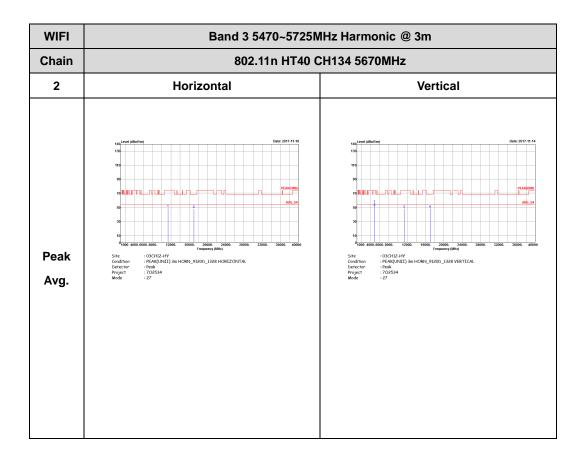
Band 3 5470~5725MHz WIFI 802.11n HT40 (Harmonic @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

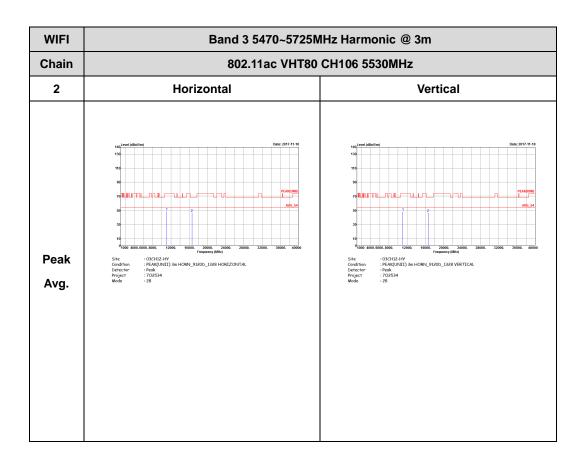


TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw



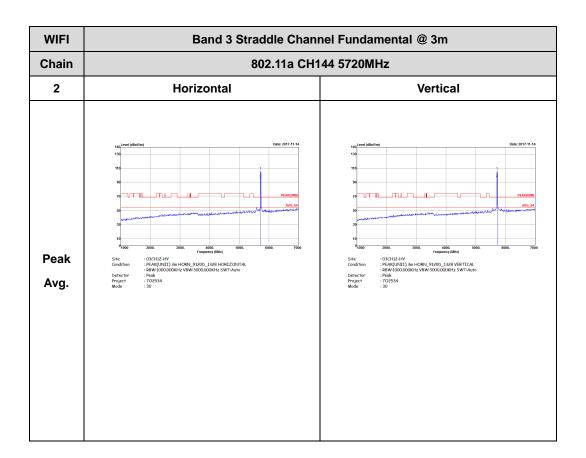
Band 3 5470~5725MHz WIFI 802.11ac VHT80 (Harmonic @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



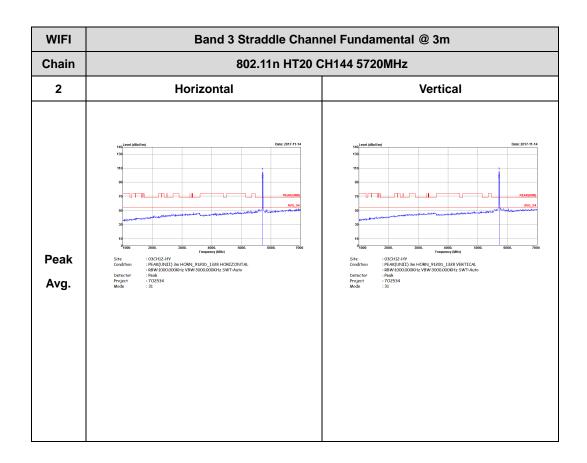
Band 3 - Straddle Channel
WIFI 802.11a (Fundamental @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



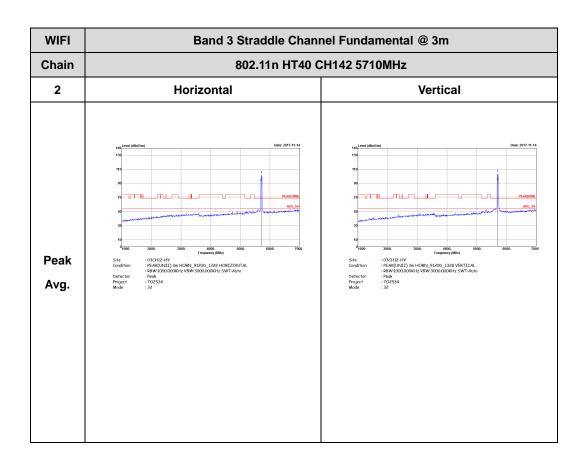
Band 3 – Straddle Channel WIFI 802.11n HT20 (Fundamental @ 3m)



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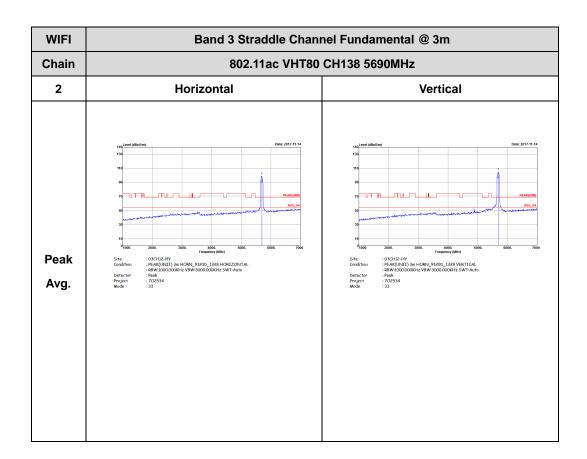
Band 3 – Straddle Channel WIFI 802.11n HT40 (Fundamental @ 3m)



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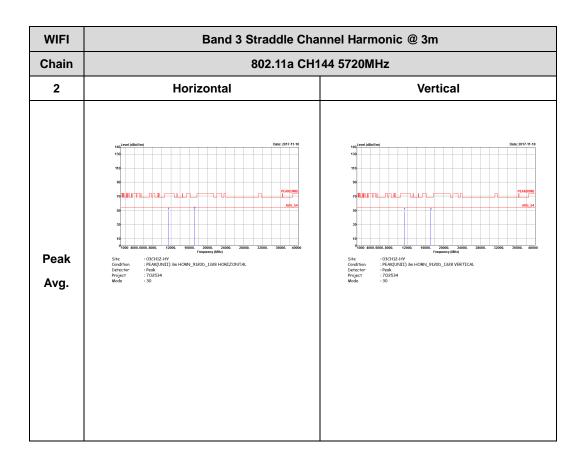
Band 3 – Straddle Channel WIFI 802.11ac VHT80 (Fundamental @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



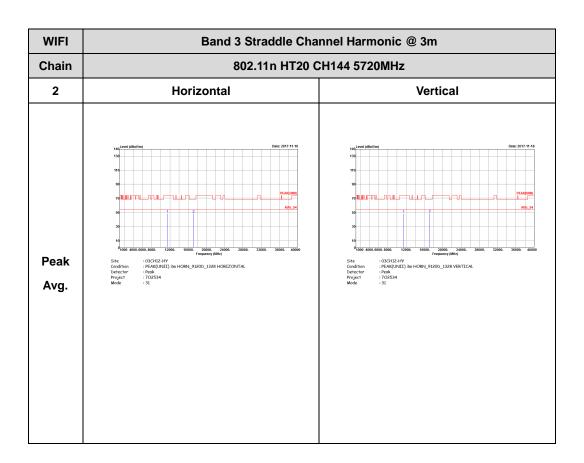
Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



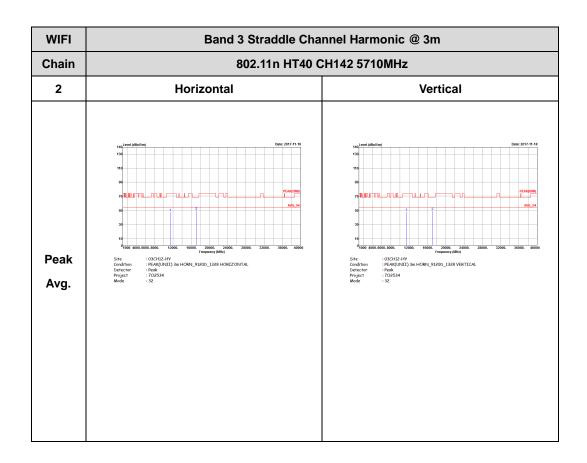
Band 3 – Straddle Channel WIFI 802.11n HT20 (Harmonic @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



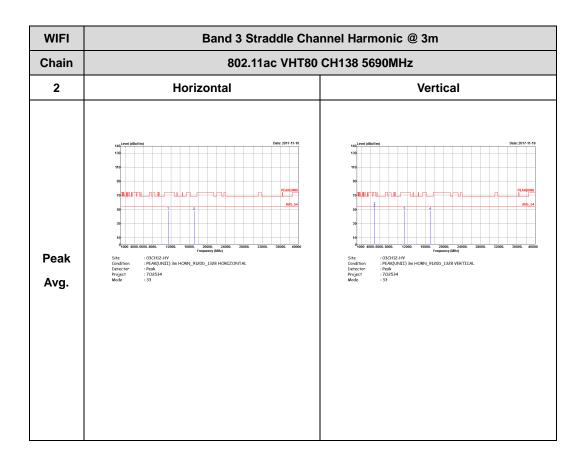
Band 3 – Straddle Channel WIFI 802.11n HT40 (Harmonic @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



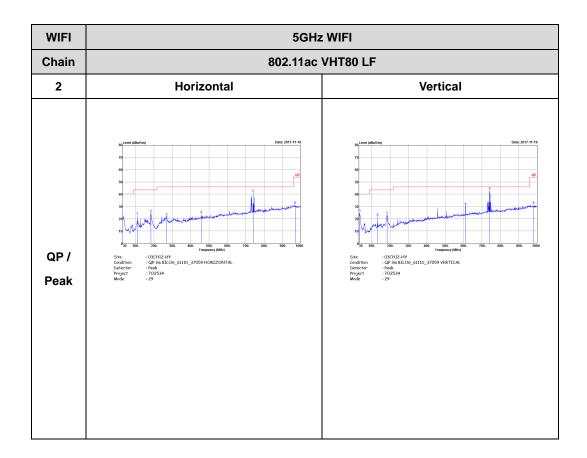
Band 3 – Straddle Channel WIFI 802.11ac VHT80 (Harmonic @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



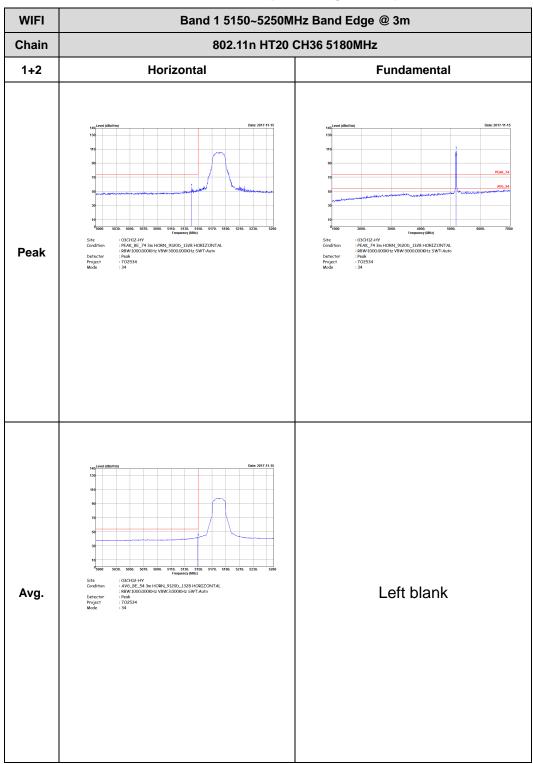
Emission below 1GHz 5GHz WIFI 802.11ac VHT80 (LF)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



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



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw : D135 of D233

WIFI Band 1 5150~5250MHz Band Edge @ 3m Chain 802.11n HT20 CH36 5180MHz 1+2 Vertical **Fundamental** Peak : 03CH12-HY : AV6_BE_94 3m HORN_9120D_1328 VERTICAL : 88W-1000.000KHz VBW-3.000KHz SWT:Auto : Peak : 702534 : 34 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

WIFI Band 1 5150~5250MHz Band Edge @ 3m Chain 802.11n HT20 CH44 5220MHz - L 1+2 Horizontal **Fundamental** Peak : 03CH12-HY : AV6_BE_54 3m HORN_9120D_1328 HORTZONTAL : 8BW:1000,000KHz V8W:3,000KHz SWT-Au10 : Peak : 702534 : 35 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

WIFI Band 1 5150~5250MHz Band Edge @ 3m Chain 802.11n HT20 CH44 5220MHz - R 1+2 Horizontal **Fundamental** Left blank Peak Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw Page Number

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WIFI Band 1 5150~5250MHz Band Edge @ 3m Chain 802.11n HT20 CH44 5220MHz - L 1+2 Vertical **Fundamental** Peak : 03CH12-HY : AV6_BE_94 3m HORN_9120D_1328 VERTICAL : 88W-1000.000KHz VBW-3.000KHz SWT:Auto : Peak : 7/02534 : 35 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

WIFI Band 1 5150~5250MHz Band Edge @ 3m Chain 802.11n HT20 CH44 5220MHz - R 1+2 Vertical **Fundamental** Left blank Peak : 03CH12-HY : AVE_BE_54 3m HORN_9120D_1328 VERTICAL : R8W:1000.000KHz VBW:3.000KHz SWT:Auto : Peak : 7/02534 : 35 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail : Alex@sporton.com.tw

WIFI Band 1 5150~5250MHz Band Edge @ 3m Chain 802.11n HT20 CH48 5240MHz - L 1+2 Horizontal **Fundamental** Peak : 03CH12-HY : AV6_BE_54 3m HORN_9120D_1328 HORTZONTAL : 8BW:1000,000KHz V8W:3,000KHz SWT-Au10 : Peak : 702534 : 36 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

WIFI Band 1 5150~5250MHz Band Edge @ 3m Chain 802.11n HT20 CH48 5240MHz - R 1+2 Horizontal **Fundamental** Left blank Peak Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

WIFI Band 1 5150~5250MHz Band Edge @ 3m Chain 802.11n HT20 CH48 5240MHz - L 1+2 Vertical **Fundamental** Peak : 03CH12-HY : AV6_BE_94 3m HORN_9120D_1328 VERTICAL : 88W-1000.000KHz VBW-3.000KHz SWT:Auto : Peak : 7/02534 : 36 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

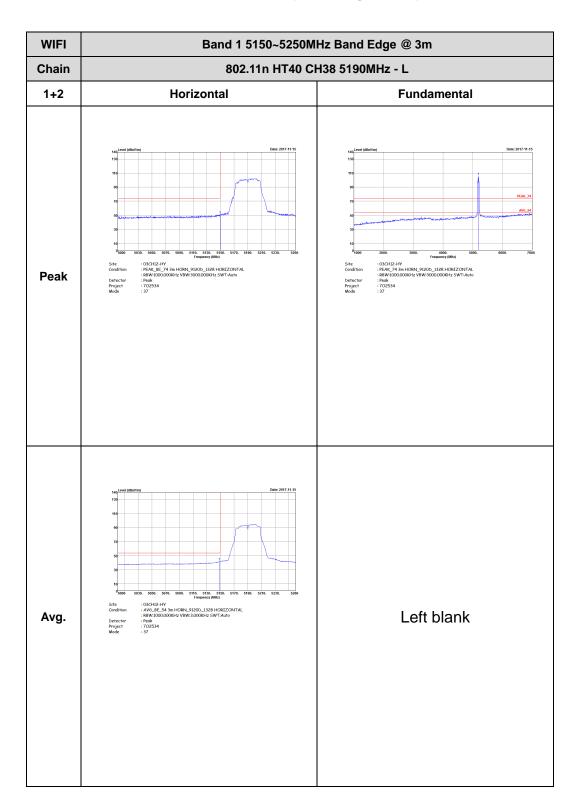
E-mail: Alex@sporton.com.tw

WIFI Band 1 5150~5250MHz Band Edge @ 3m Chain 802.11n HT20 CH48 5240MHz - R 1+2 Vertical **Fundamental** Left blank Peak : 03CH12-HY : AVE_BE_54 3m HORN_9120D_1328 VERTICAL : R8W:1000.000KHz VBW:3.000KHz SWT:Auto : Peak : 7/02534 : 36 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



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



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

WIFI Band 1 5150~5250MHz Band Edge @ 3m Chain 802.11n HT40 CH38 5190MHz - R 1+2 Horizontal **Fundamental** Left blank Peak Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

WIFI Band 1 5150~5250MHz Band Edge @ 3m 802.11n HT40 CH38 5190MHz - L Chain 1+2 Vertical **Fundamental** Peak : 03CH12-HY : AV6_BE_94 3m HORN_9120D_1328 VERTICAL : 88W-1000.000KHz VBW-3.000KHz SWT:Auto : Peak : 702534 : 37 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail : Alex@sporton.com.tw

WIFI Band 1 5150~5250MHz Band Edge @ 3m Chain 802.11n HT40 CH38 5190MHz - R 1+2 Vertical **Fundamental** Left blank Peak Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

WIFI Band 1 5150~5250MHz Band Edge @ 3m Chain 802.11n HT40 CH46 5230MHz - L 1+2 Horizontal **Fundamental** Peak : 03CH12-HY : AV6_BE_54 3m HORN_9120D_1328 HORTZONTAL : 8BW:1000,000KHz V8W:3,000KHz SWT-Au10 : Peak : 702534 : 38 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail : Alex@sporton.com.tw

WIFI Band 1 5150~5250MHz Band Edge @ 3m Chain 802.11n HT40 CH46 5230MHz - R 1+2 Horizontal **Fundamental** Left blank Peak Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

WIFI Band 1 5150~5250MHz Band Edge @ 3m Chain 802.11n HT40 CH46 5230MHz - L 1+2 Vertical **Fundamental** Peak : 03CH12-HY : AV6_BE_94 3m HORN_9120D_1328 VERTICAL : 88W-1000.000KHz VBW-3.000KHz SWT:Auto : Peak : 7/02534 : 38 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

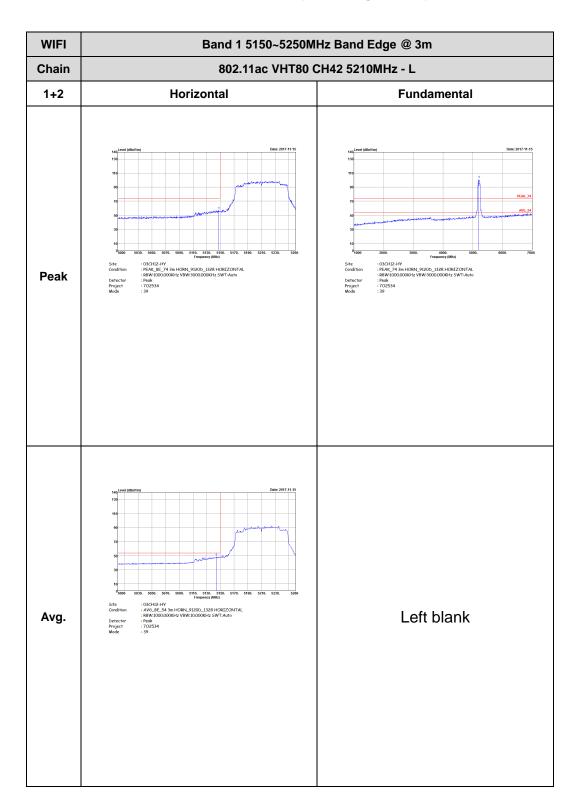
WIFI Band 1 5150~5250MHz Band Edge @ 3m Chain 802.11n HT40 CH46 5230MHz - R 1+2 Vertical **Fundamental** Left blank Peak : 03CH12-HY : AV6_BE_54 3m HORN_9120D_1328 VERTICAL : R8W-1000.000KHz VBW:3.000KHz SWT:Auto : Peak : 702534 : 38 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw Page Number

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



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

WIFI Band 1 5150~5250MHz Band Edge @ 3m Chain 802.11ac VHT80 CH42 5210MHz - R 1+2 Horizontal **Fundamental** Left blank Peak Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

WIFI Band 1 5150~5250MHz Band Edge @ 3m 802.11ac VHT80 CH42 5210MHz - L Chain Vertical 1+2 **Fundamental** Peak Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

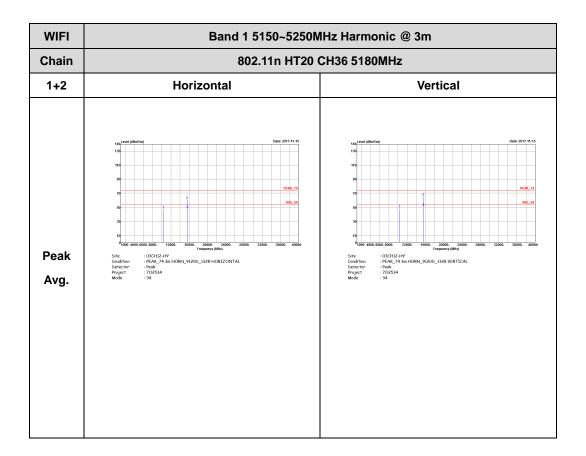
WIFI Band 1 5150~5250MHz Band Edge @ 3m Chain 802.11ac VHT80 CH42 5210MHz - R Vertical 1+2 **Fundamental** Left blank Peak Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



Band 1 - 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw : D157 of D233



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



WIFI

Chain

802.11n HT20 CH48 5240MHz

1+2

Horizontal

Vertical

Vertical

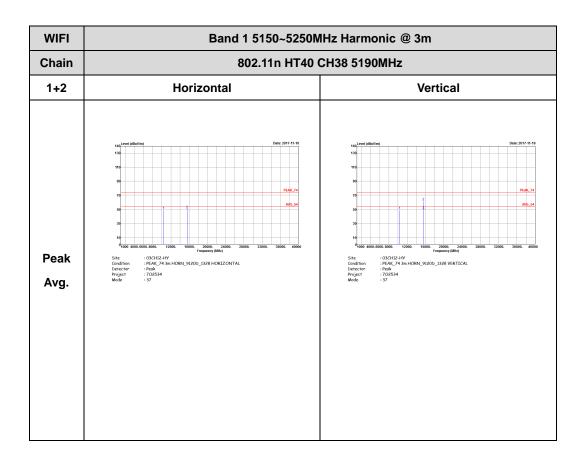
Feak
Avg.

Peak
Avg.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



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



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



WIFI
Chain

802.11n HT40 CH46 5230MHz

1+2

Horizontal

Vertical

Vertical

Peak
Avg.

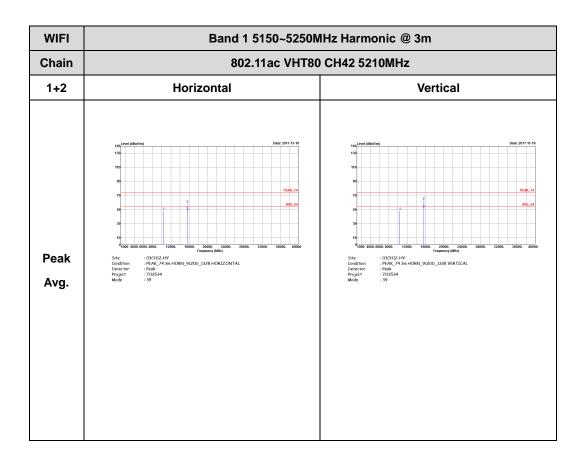
Pigg.

Grade (1906)

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



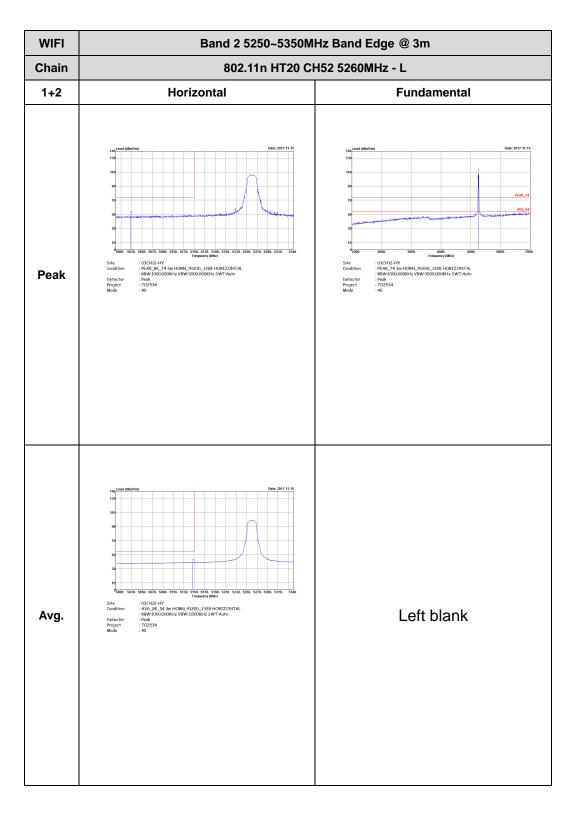
Band 1 5150~5250MHz WIFI 802.11ac VHT80 (Harmonic @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



Band 2 - 5250~5350MHz WIFI 802.11n HT20 (Band Edge @ 3m)



SPORTON INTERNATIONAL INC.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw Page Number

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WIFI Band 2 5250~5350MHz Band Edge @ 3m Chain 802.11n HT20 CH52 5260MHz - R 1+2 Horizontal **Fundamental** Left blank Peak : 03CH12-HY : AV6_BE_54 3m HORN_9120D_1328 HORTZONTAL : 8BW:1000,000KHz V8W:3,000KHz SWT:Au10 : Peak : 702534 : 40 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

WIFI Band 2 5250~5350MHz Band Edge @ 3m Chain 802.11n HT20 CH52 5260MHz - L 1+2 Vertical **Fundamental** Peak : 03CH12-HY : AV6_BE_94 3m HORN_9120D_1328 VERTICAL : 88W-1000.000KHz VBW-3.000KHz SWT:Auto : Peak : 702534 : 40 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

WIFI Band 2 5250~5350MHz Band Edge @ 3m Chain 802.11n HT20 CH52 5260MHz - R 1+2 Vertical **Fundamental** Left blank Peak : 03CH12-HY : AV6_BE_54 3m HORN_9120D_1328 VERTICAL : R8W-1000.000KHz VBW:3.000KHz SWT:Auto : Peak : 702534 : 40 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

WIFI Band 2 5250~5350MHz Band Edge @ 3m Chain 802.11n HT20 CH60 5300MHz - L 1+2 Horizontal **Fundamental** Peak : 03CH12-HY : AV6_BE_54 3m HORN_9120D_1328 HORTZONTAL : 8BW:1000,000KHz V8W:3,000KHz SWT-Au10 : Peak : 702534 :41 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

WIFI Band 2 5250~5350MHz Band Edge @ 3m Chain 802.11n HT20 CH60 5300MHz - R 1+2 Horizontal Vertical Left blank Peak : 03CH12-HY : AV6_BE_54 3m HORN_9120D_1328 HORTZONTAL : 8BW:1000,000KHz V8W:3,000KHz SWT-Au10 : Peak : 702534 :41 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw Page Number

: D168 of D233

WIFI Band 2 5250~5350MHz Band Edge @ 3m Chain 802.11n HT20 CH60 5300MHz - L 1+2 Vertical **Fundamental** Peak : 03CH12-HY : AV6_BE_54 3m HORN_9120D_1328 VERTICAL : R8W-1000.000KHz VBW:3.000KHz SWT:Auto : Peak : 7/02534 :41 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

WIFI Band 2 5250~5350MHz Band Edge @ 3m Chain 802.11n HT20 CH60 5300MHz - R 1+2 Vertical **Fundamental** Left blank Peak : 03CH12-HY : AV6_BE_54 3m HORN_9120D_1328 VERTICAL : R8W-1000.000KHz VBW:3.000KHz SWT:Auto : Peak : 7/02534 :41 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

WIFI Band 2 5250~5350MHz Band Edge @ 3m Chain 802.11n HT20 CH64 5320MHz 1+2 Horizontal **Fundamental** Peak : 03CH12-HY : AV6_BE_54 3m HORN_9120D_1328 HORIZONTAL : 8BW:1000,000KHz V8W:3,000KHz SWT:Au10 : Peak : 702534 : 42 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

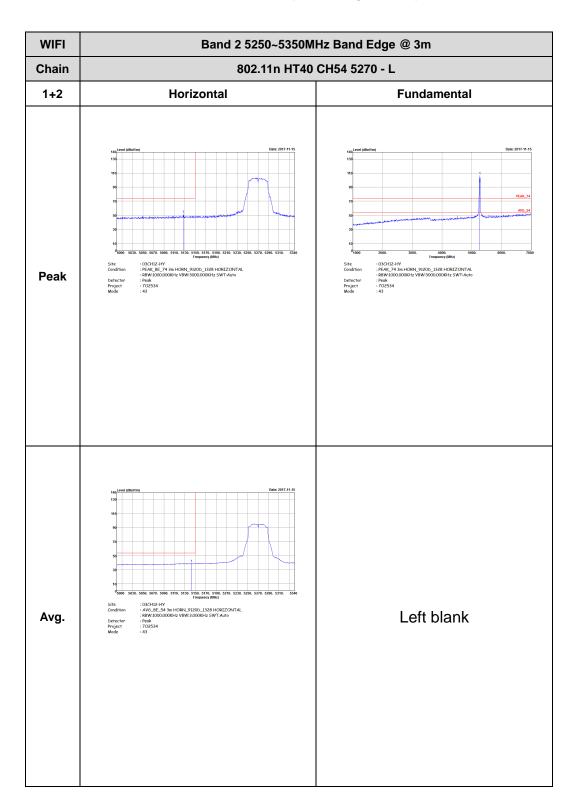
WIFI Band 2 5250~5350MHz Band Edge @ 3m Chain 802.11n HT20 CH64 5320MHz 1+2 Vertical **Fundamental** Peak : 03CH12-HY : AV6_BE_54 3m HORN_9120D_1328 VERTICAL : R8W-1000.000KHz VBW:3.000KHz SWT:Auto : Peak : 702534 : 42 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw



Band 2 5250~5350MHz WIFI 802.11n HT40 (Band Edge @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

Report No.: FR7O2534D

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT40 CH54 5270 - R	
1+2	Horizontal	Fundamental
Peak	Tender (Illinovim) Date 2917-11-15 119 119 129 120 120 120 120 120	Left blank
Avg.	Tell Level Editorium Date 2917-11-15 Tell 1919 Tell	Left blank

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

WIFI Band 2 5250~5350MHz Band Edge @ 3m 802.11n HT40 CH54 5270 - L Chain 1+2 Vertical Vertical Peak : 03CH12-HY : AV6_BE_94 3m HORN_9120D_1328 VERTICAL : 88W-1000.000KHz VBW-3.000KHz SWT:Auto : Peak : 7/02534 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

WIFI Band 2 5250~5350MHz Band Edge @ 3m 802.11n HT40 CH54 5270 - R Chain 1+2 Vertical Vertical Left blank Peak : 03CH12-HY
: AV6_BE_94 3m HORN_9120D_1328 VERTICAL:
:R8W-1000,000KHz VBW:3,000KHz SWT:Auto
: Peak
:702534 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw Page Number

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Band 2 5250~5350MHz Band Edge @ 3m WIFI 802.11n HT40 CH62 5310 - L Chain 1+2 **Fundamental** Horizontal Peak Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw Page Number

: D177 of D233

WIFI Band 2 5250~5350MHz Band Edge @ 3m Chain 802.11n HT40 CH62 5310 - R 1+2 Horizontal **Fundamental** Left blank Peak : 03CH12-HY : AV6_BE_54 3m HORN_9120D_1328 HORTZONTAL : B8W:1000,000KHz V8W:3,000KHz SWT:Au10 : Peak : 702534 :44 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail : Alex@sporton.com.tw

WIFI Band 2 5250~5350MHz Band Edge @ 3m Chain 802.11n HT40 CH62 5310 - L 1+2 Vertical **Fundamental** Peak : 03CH12-HY : AV6_BE_54 3m HORN_9120D_1328 VERTICAL : R8W-1000.000KHz VBW:3.000KHz SWT:Auto : Peak : 702534 : 44 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

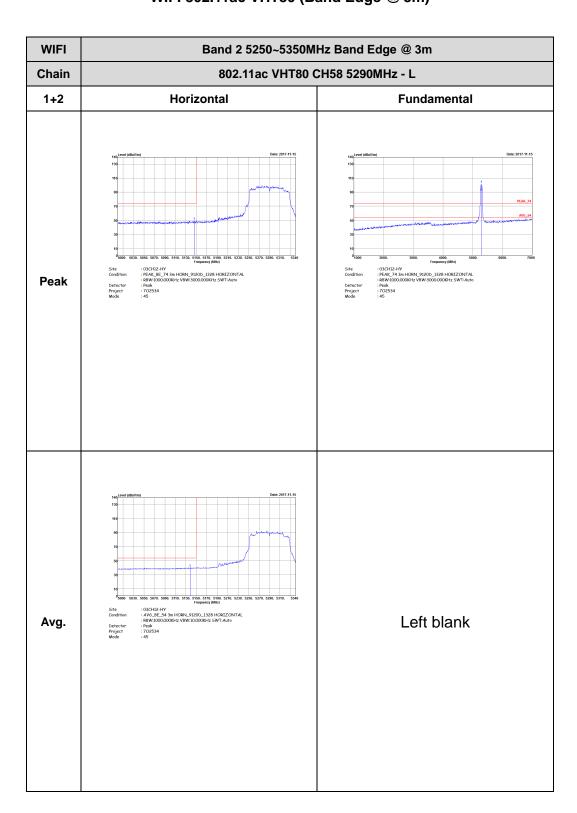
WIFI Band 2 5250~5350MHz Band Edge @ 3m Chain 802.11n HT40 CH62 5310 - R 1+2 Vertical **Fundamental** Left blank Peak : 03CH12-HY : AV6_BE_54 3m HORN_9120D_1328 VERTICAL : R8W-1000.000KHz VBW:3.000KHz SWT:Auto : Peak : 702534 : 44 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



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



SPORTON INTERNATIONAL INC.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

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

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

WIFI Band 2 5250~5350MHz Band Edge @ 3m 802.11ac VHT80 CH58 5290MHz - L Chain Vertical 1+2 **Fundamental** Peak : 03CH12-HY : AV6_BE_94 3m HORN_9120D_1328 VERTICAL : 88W-10000.000KHz VBW-10.000KHz SWT:Auto : Peak : 7/02534 : 45 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

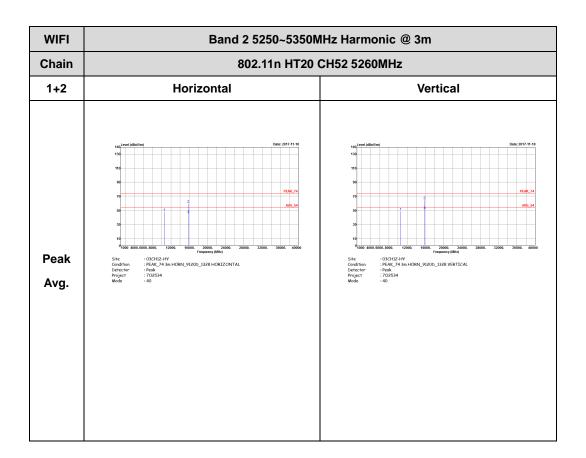
E-mail: Alex@sporton.com.tw

WIFI Band 2 5250~5350MHz Band Edge @ 3m Chain 802.11ac VHT80 CH58 5290MHz - R Vertical 1+2 **Fundamental** Left blank Peak : 03CH12-HY : AV6_BE_94 3m HORN_9120D_1328 VERTICAL : R8W-1000,000KHz VBW-10,000KHz SWT:Auto : Peak : 7/02534 : 45 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



Band 2 - 5250~5350MHz WIFI 802.11n HT20 (Harmonic @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



Peak
Avg.

Band 2 5250~5350MHz Harmonic @ 3m

S02.11n HT20 CH60 5300MHz

Vertical

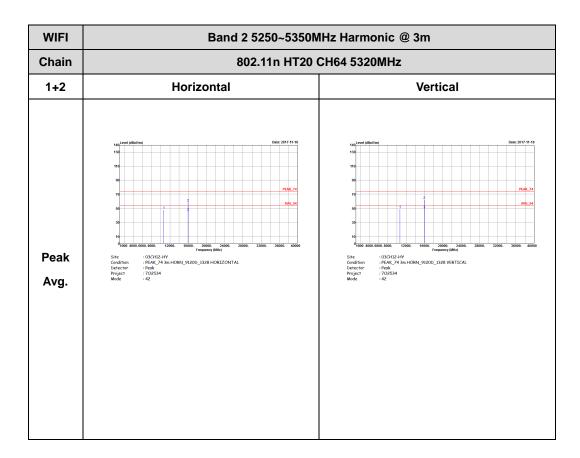
Vertical

Vertical

Vertical

Avg.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

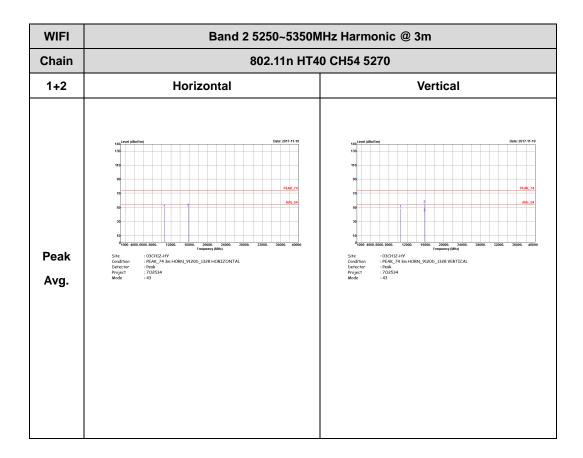


TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw Page Number

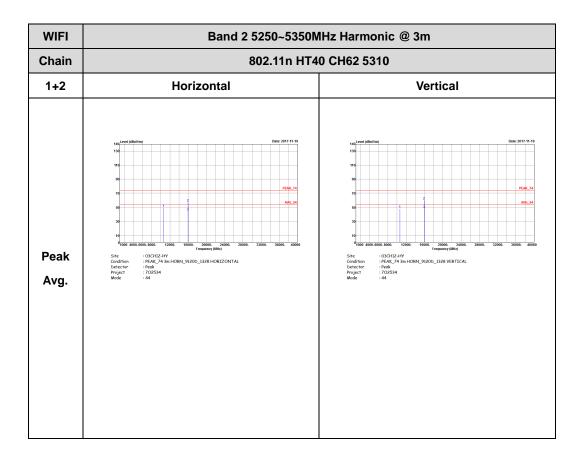
: D187 of D233



Band 2 5250~5350MHz WIFI 802.11n HT40 (Harmonic @ 3m)



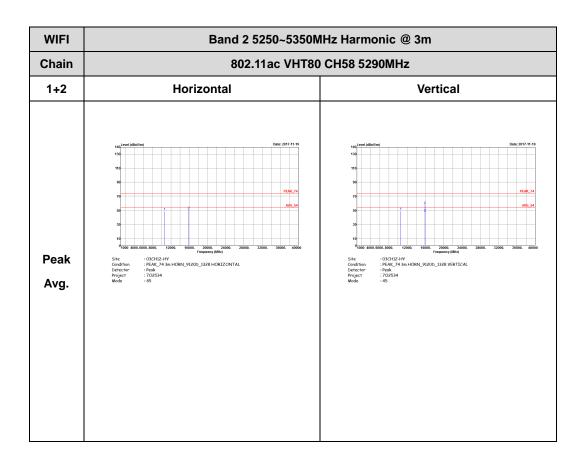
TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



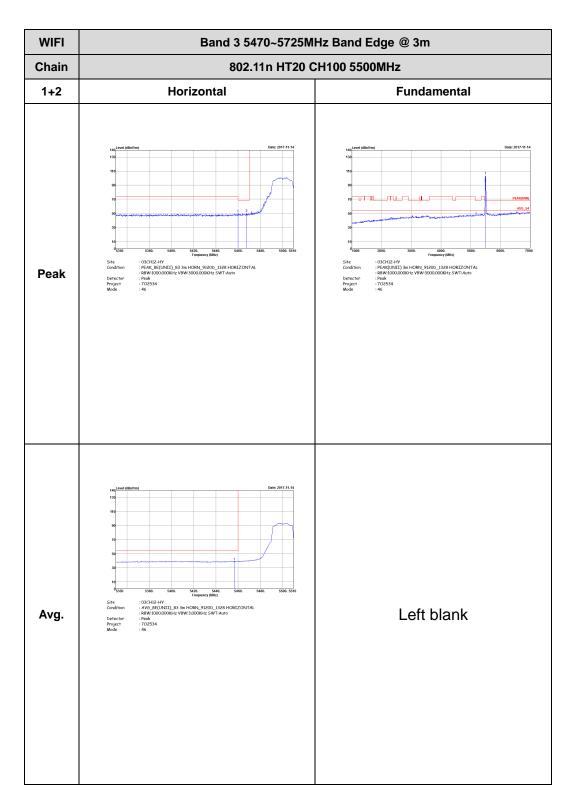
Band 2 5250~5350MHz WIFI 802.11ac VHT80 (Harmonic @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



Band 3 - 5470~5725MHz WIFI 802.11n HT20 (Band Edge @ 3m)



SPORTON INTERNATIONAL INC.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

WIFI Band 3 5470~5725MHz Band Edge @ 3m Chain 802.11n HT20 CH100 5500MHz 1+2 Vertical **Fundamental** Peak : 03CH12-HY : AV6_BE(UNIT)_B3 3m HORN_9120D_1328 VERTICAL : 8BW-1000,000KHz VBW-3,000KHz SWT:Auto : Peak : 7/02534 : 46 Left blank Avg.

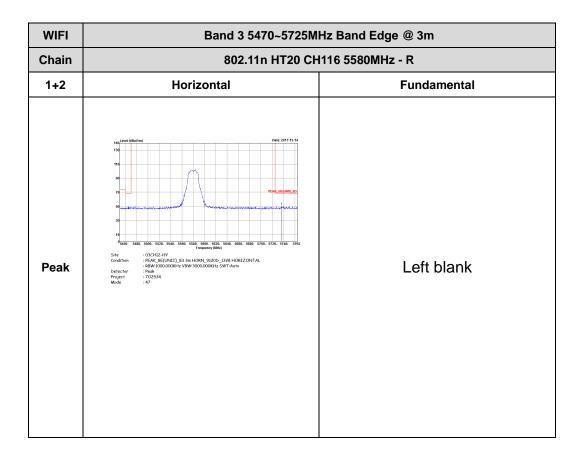
TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

WIFI Band 3 5470~5725MHz Band Edge @ 3m 802.11n HT20 CH116 5580MHz - L Chain 1+2 Horizontal **Fundamental** Peak Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

WIFI Band 3 5470~5725MHz Band Edge @ 3m 802.11n HT20 CH116 5580MHz - L Chain 1+2 Vertical **Fundamental** Peak : 03CH12-HY : AV6_BE(UNIT)_B3 3m HORN_9120D_1328 VERTICAL : 88W:1000,000KHz VBW:3,000KHz SWT:Auto : Peak : 7/02534 : 47 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw



WIFI

Band 3 5470~5725MHz Band Edge @ 3m

Chain

802.11n HT20 CH116 5580MHz - R

1+2

Vertical

Fundamental

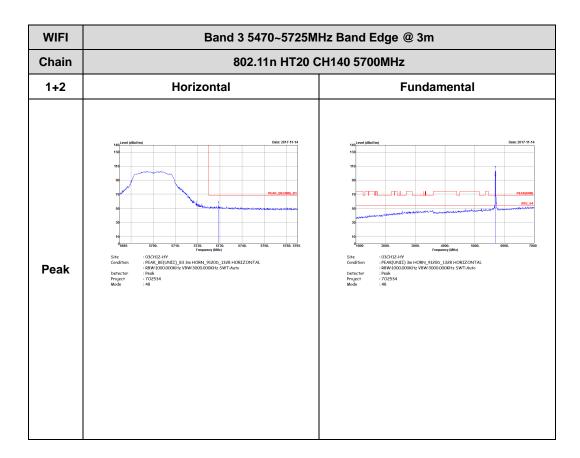
Peak

Peak

Peak

Left blank

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



TEL: 0800-800005 FAX: 886-3-328-4978

E-mail : Alex@sporton.com.tw



WIFI

Band 3 5470~5725MHz Band Edge @ 3m

802.11n HT20 CH140 5700MHz

1+2

Vertical

Fundamental

Peak.

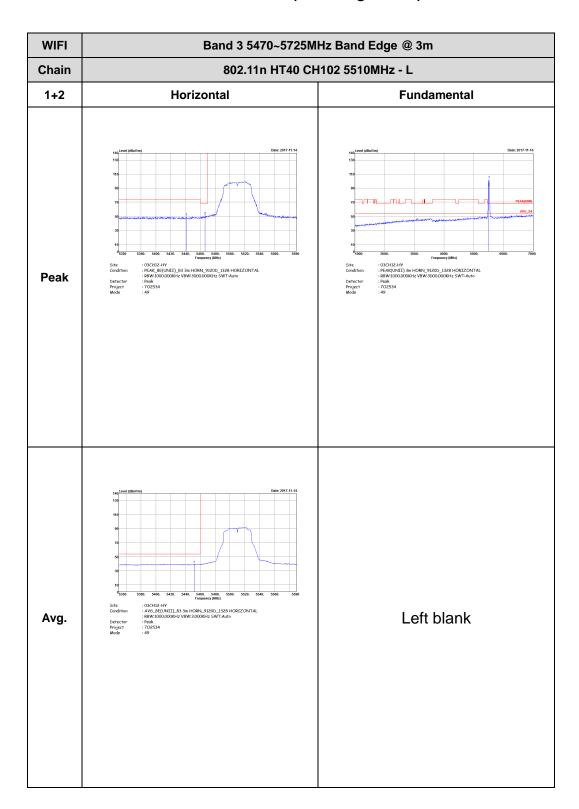
Peak.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw



Band 3 5470~5725MHz WIFI 802.11n HT40 (Band Edge @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



WIFI

Band 3 5470~5725MHz Band Edge @ 3m

Robatin 802.11n HT40 CH102 5510MHz - R

1+2

Horizontal Fundamental

Peak

Peak

Peak

Left blank

Report No.: FR7O2534D

: D200 of D233

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

WIFI Band 3 5470~5725MHz Band Edge @ 3m 802.11n HT40 CH102 5510MHz - L Chain Vertical 1+2 **Fundamental** Peak : 03CH12-HY : AV6_BE(UNIT)_B3 3m HORN_9120D_1328 VERTICAL : 8BW-1000,000KHz VBW-3,000KHz SWT:Auto : Peak : 702534 : 49 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw



WIFI

Band 3 5470~5725MHz Band Edge @ 3m

Chain

802.11n HT40 CH102 5510MHz - R

1+2

Vertical

Fundamental

Peak

Peak

Peak

Left blank

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

WIFI Band 3 5470~5725MHz Band Edge @ 3m 802.11n HT40 CH110 5550MHz - L Chain 1+2 Horizontal **Fundamental** Peak : 03CH12-HY
: AV6_BE(UNIT)_B3 3m HORN_9120D_1328 HORIZONTAL
: R8W:1000,000KHz VBW:3,000KHz SWT:Auto
: Peok
: 702534
: 50 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw



WIFI Band 3 5470~5725MHz Band Edge @ 3m

Chain 802.11n HT40 CH110 5550MHz - R

1+2 Horizontal Fundamental

Peak

Peak

Peak

Left blank

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

WIFI Band 3 5470~5725MHz Band Edge @ 3m 802.11n HT40 CH110 5550MHz - L Chain Vertical 1+2 **Fundamental** Peak : 03CH12-HY : AV6_BE(UNIT)_B3 3m HORN_9120D_1328 VERTICAL : 88W-1000,000KHz VBW-3,000KHz SWT:Auto : Peak : 7/02534 : 50 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

Chain

802.11n HT40 CH110 5550MHz - R

1+2

Vertical

Fundamental

Peak

Peak

Peak

Left blank

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

WIFI Band 3 5470~5725MHz Band Edge @ 3m 802.11n HT40 CH134 5670MHz - L Chain 1+2 Horizontal **Fundamental** Peak Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw



WIFI

Band 3 5470~5725MHz Band Edge @ 3m

Chain

802.11n HT40 CH134 5670MHz - R

1+2

Horizontal

Fundamental

Peak

Peak

Peak

Left blank

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

WIFI Band 3 5470~5725MHz Band Edge @ 3m 802.11n HT40 CH134 5670MHz - L Chain Vertical 1+2 **Fundamental** Peak Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail : Alex@sporton.com.tw

WIFI

Band 3 5470~5725MHz Band Edge @ 3m

Chain

802.11n HT40 CH134 5670MHz - R

1+2

Vertical

Fundamental

Peak

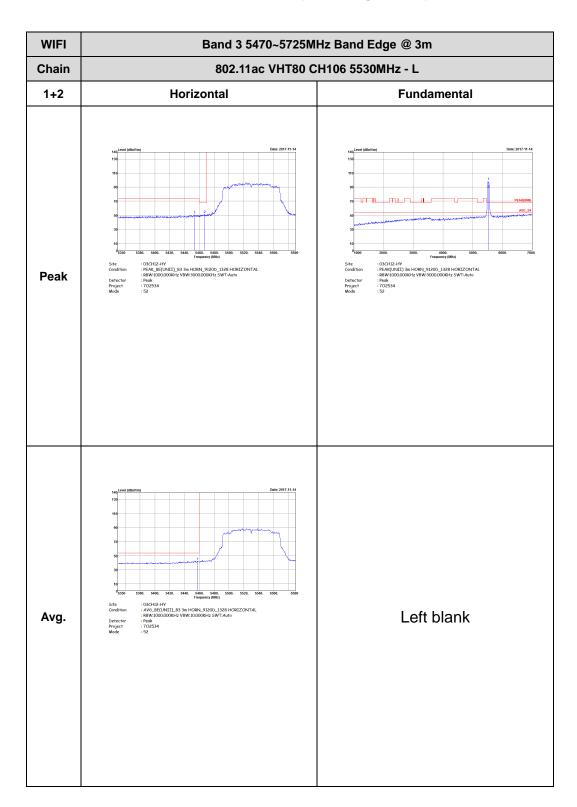
Peak

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TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



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



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw Page Number

: D211 of D233

WIFI

Band 3 5470~5725MHz Band Edge @ 3m

Chain

802.11ac VHT80 CH106 5530MHz - R

1+2

Horizontal

Fundamental

Peak

Peak

Peak

Left blank

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

WIFI Band 3 5470~5725MHz Band Edge @ 3m 802.11ac VHT80 CH106 5530MHz - L Chain 1+2 Vertical **Fundamental** Peak : 03CH12-HY : AV6_BE(UNIT)_B3 3m HORN_9120D_1328 VERTICAL : 88W-10000000KHz VBW-10,000KHz SWT:Auto : Peak : 702534 : 52 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw



WIFI

Band 3 5470~5725MHz Band Edge @ 3m

Chain

802.11ac VHT80 CH106 5530MHz - R

1+2

Vertical

Fundamental

Peak

Peak

Peak

Left blank

Report No.: FR7O2534D

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

WIFI Band 3 5470~5725MHz Band Edge @ 3m 802.11ac VHT80 CH122 5610MHz - L Chain 1+2 Horizontal **Fundamental** Peak : 03CH12-HY : AV6_BE(UNIT)_B3 3m HORN_9120D_1328 HORIZONTAL : 88W:1000,000KHz VBW:10,000KHz SWT:Au10 : Peak : 702534 : 53 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail : Alex@sporton.com.tw

WIFI

Band 3 5470~5725MHz Band Edge @ 3m

802.11ac VHT80 CH122 5610MHz - R

1+2

Horizontal

Fundamental

Peak

Peak

Peak

Left blank

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

WIFI Band 3 5470~5725MHz Band Edge @ 3m 802.11ac VHT80 CH122 5610MHz - L Chain 1+2 Vertical **Fundamental** Peak : 03CH12-HY : AV6_BE(UNIT)_B3 3m HORN_9120D_1328 VERTICAL : R8W-1000,000KHz VBW-10,000KHz SWT:Auto : Peak : 702534 : 53 Left blank Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

Chain

802.11ac VHT80 CH122 5610MHz - R

1+2

Vertical

Fundamental

Peak

Peak

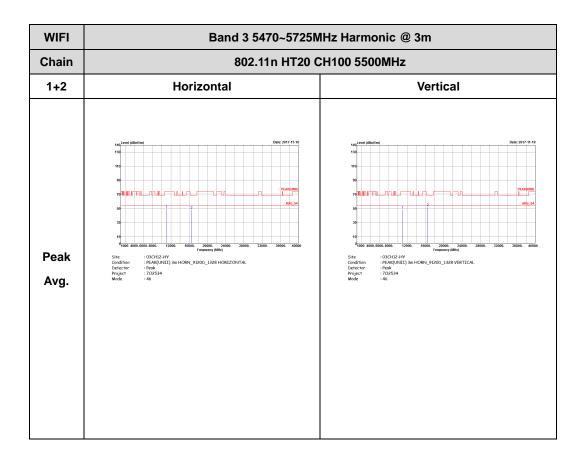
Peak

Left blank

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



Band 3 - 5470~5725MHz WIFI 802.11n HT20 (Harmonic @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



WIFI

Band 3 5470~5725MHz Harmonic @ 3m

Chain

802.11n HT20 CH116 5580MHz

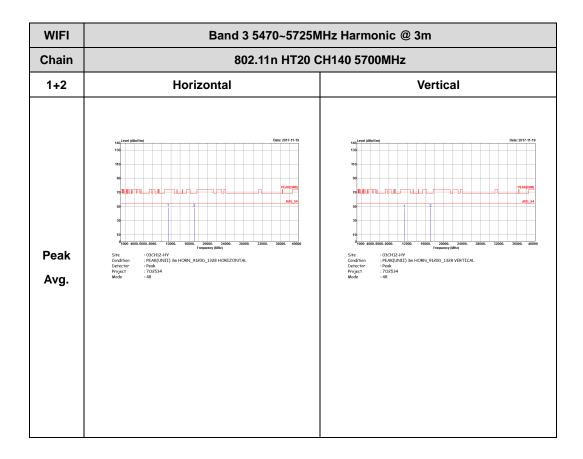
1+2

Horizontal

Vertical

Peak
Avg.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

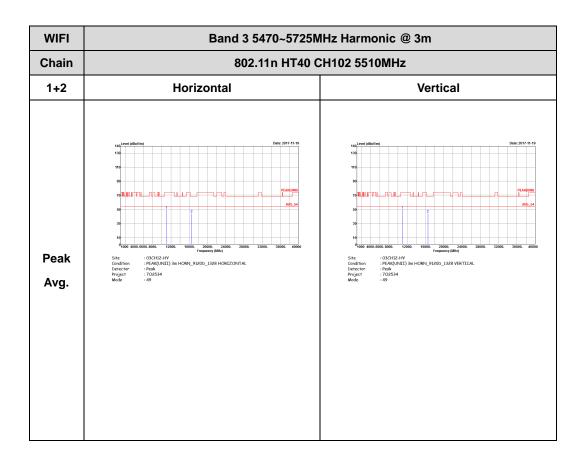


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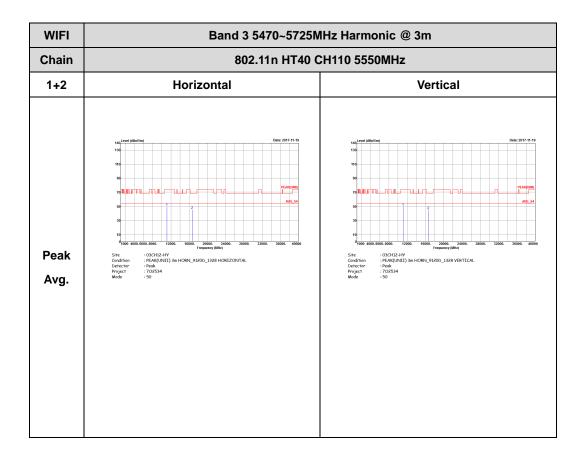
: D221 of D233



Band 3 5470~5725MHz WIFI 802.11n HT40 (Harmonic @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

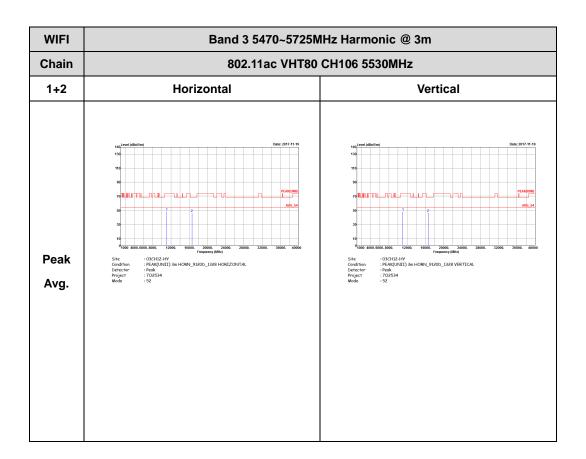
WIFI Band 3 5470~5725MHz Harmonic @ 3m Chain 802.11n HT40 CH134 5670MHz 1+2 Horizontal Vertical Peak Avg.

TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw



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



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

Peak
Avg.

Band 3 5470~5725MHz Harmonic @ 3m

802.11ac VHT80 CH122 5610MHz

Vertical

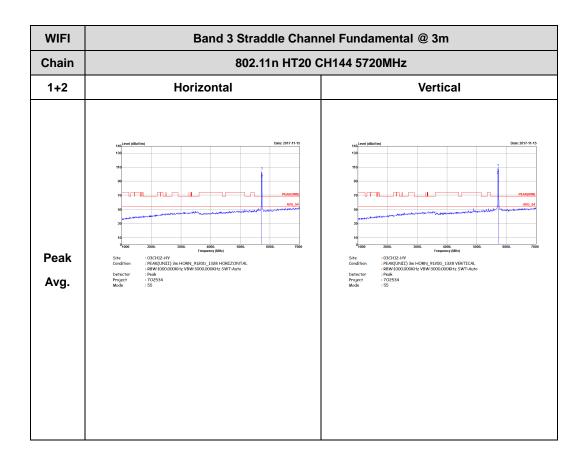
Vertical

Peak
Avg.

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



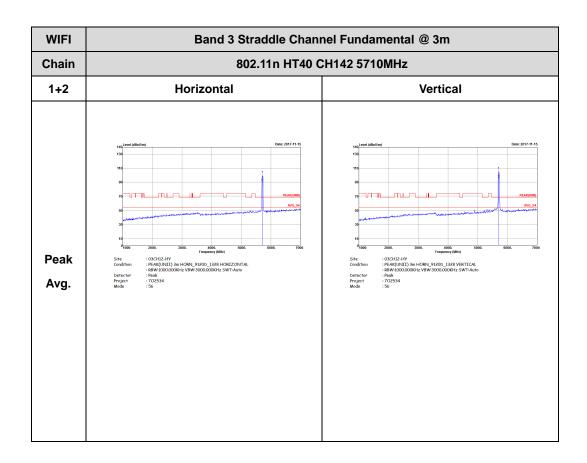
Band 3 - Straddle Channel WIFI 802.11n HT20 (Fundamental @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



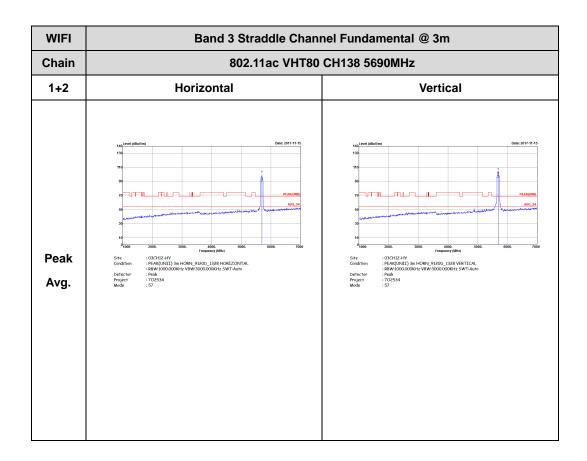
Band 3 – Straddle Channel WIFI 802.11n HT40 (Fundamental @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



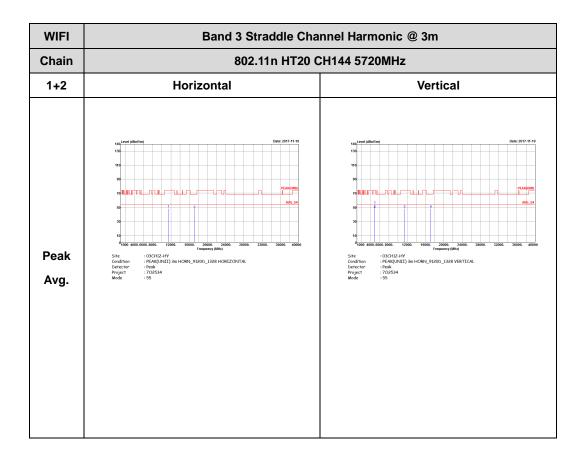
Band 3 – Straddle Channel WIFI 802.11ac VHT80 (Fundamental @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



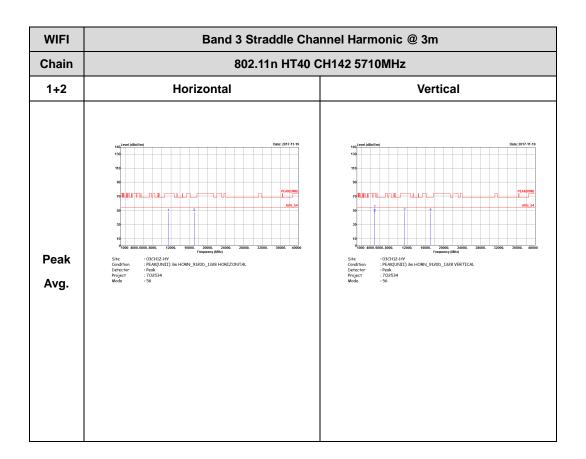
Band 3 - Straddle Channel WIFI 802.11n HT20 (Harmonic @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



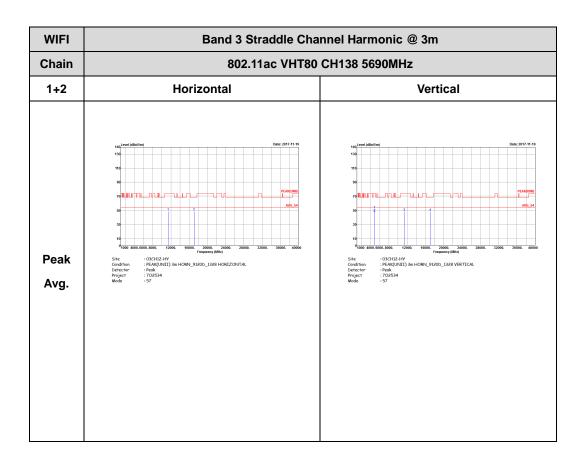
Band 3 – Straddle Channel WIFI 802.11n HT40 (Harmonic @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



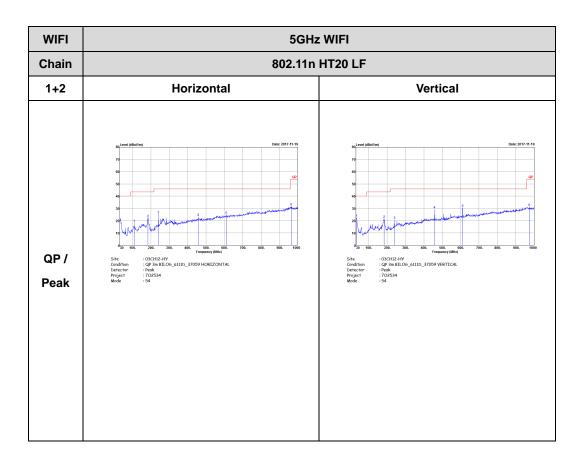
Band 3 – Straddle Channel WIFI 802.11ac VHT80 (Harmonic @ 3m)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



Emission below 1GHz 5GHz WIFI 802.11n HT20 (LF)



TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



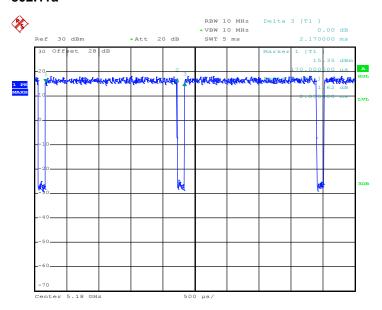
Appendix E. Duty Cycle Plots

Chain	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
2	802.11a	94.47	2050.00	0.49	1kHz
2	5GHz 802.11n HT20	95.03	1910.00	0.52	1kHz
1+2	5GHz 802.11n HT20 for Chain 1	88.18	970.00	1.03	3kHz
1+2	5GHz 802.11n HT20 for Chain 2	88.18	970.00	1.03	3kHz
2	5GHz 802.11n HT40	88.68	940.00	1.06	3kHz
1+2	5GHz 802.11n HT40 for Chain 1	88.49	492.00	2.03	3kHz
1+2	5GHz 802.11n HT40 for Chain 2	87.77	488.00	2.05	3kHz
2	5GHz 802.11ac VHT80	87.69	456.00	2.19	3kHz
1+2	5GHz 802.11ac VHT80 for Chain 1	86.49	256.00	3.88	10kHz
1+2	5GHz 802.11ac VHT80 for Chain 2	87.08	256.00	3.90	10kHz

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

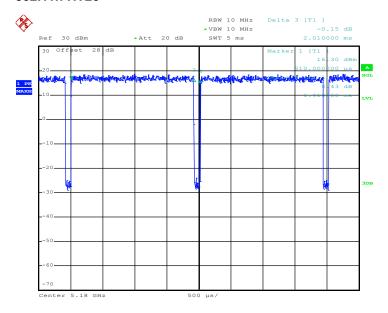






Date: 27.OCT.2017 12:22:52

802.11n HT20

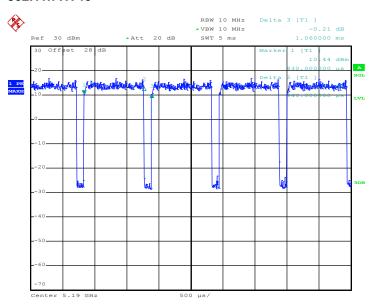


Date: 27.0CT.2017 12:26:02

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw

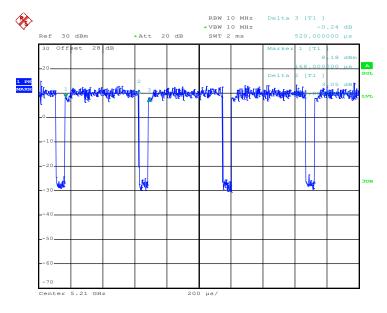


802.11n HT40



Date: 27.OCT.2017 12:32:56

802.11ac VHT80



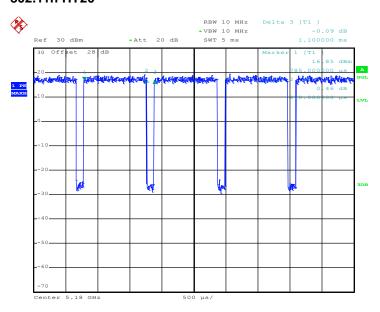
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TEL: 0800-800005 FAX: 886-3-328-4978

E-mail: Alex@sporton.com.tw

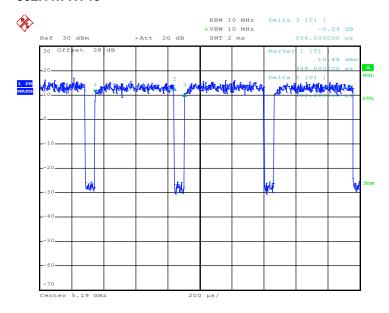


MIMO <Chain 1+2(1)> 802.11n HT20



Date: 27.OCT.2017 12:27:39

802.11n HT40



Date: 27.OCT.2017 14:10:20

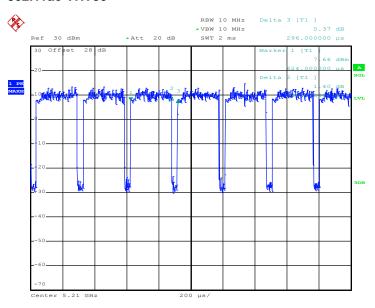
TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw



FCC RF Test Report

Report No.: FR7O2534D

802.11ac VHT80



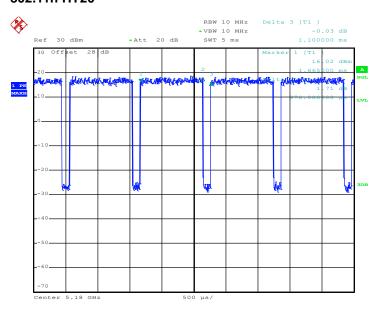
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TEL: 0800-800005 FAX: 886-3-328-4978

E-mail : Alex@sporton.com.tw

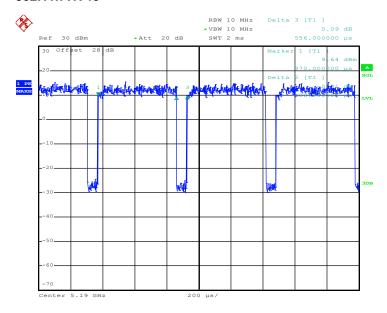


MIMO <Chain 1+2(2)> 802.11n HT20



Date: 27.OCT.2017 12:28:44

802.11n HT40

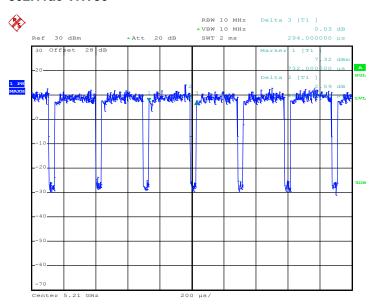


Date: 27.OCT.2017 14:11:21

TEL: 0800-800005 FAX: 886-3-328-4978 E-mail: Alex@sporton.com.tw Page Number

: E6 of E7

802.11ac VHT80



Date: 27.OCT.2017 14:28:55

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