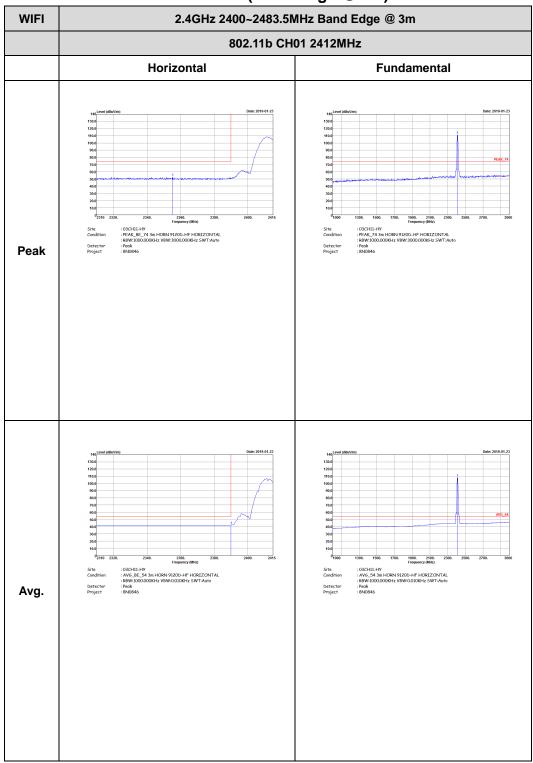
MIMO <Chain 1+2>

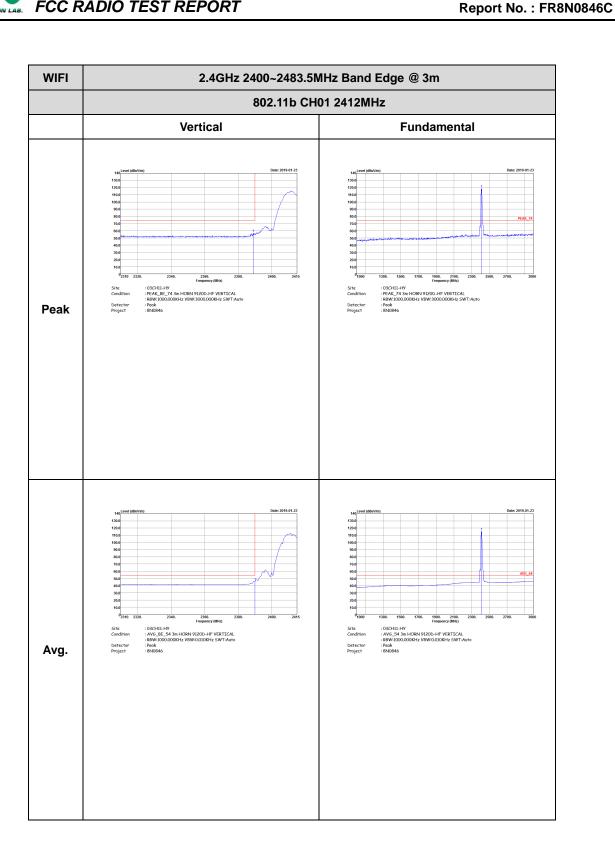
2.4GHz 2400~2483.5MHz WIFI 802.11b (Band Edge @ 3m)

Report No.: FR8N0846C

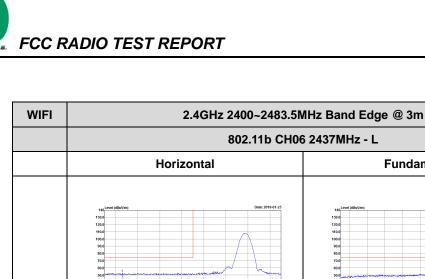


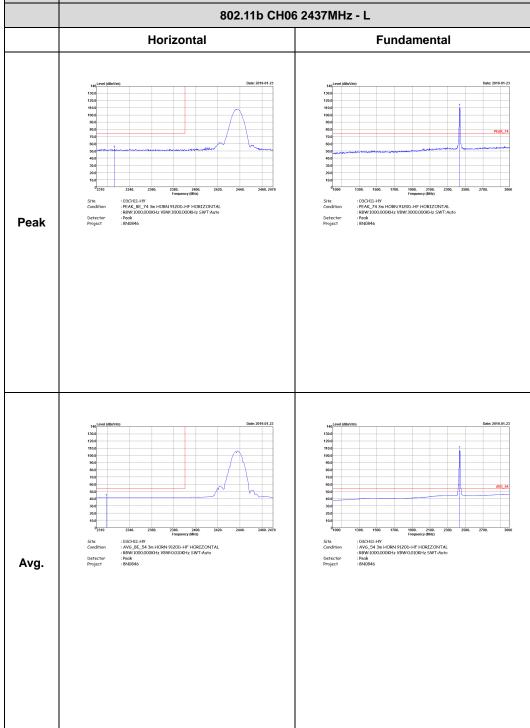
TEL: 886-3-327-3456 Page Number : C3-56 of C104





TEL: 886-3-327-3456 Page Number : C3-57 of C104

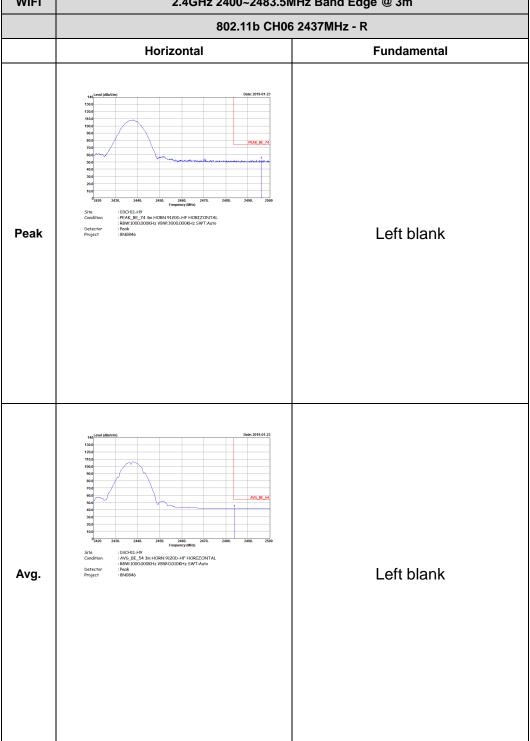




TEL: 886-3-327-3456 Page Number : C3-58 of C104

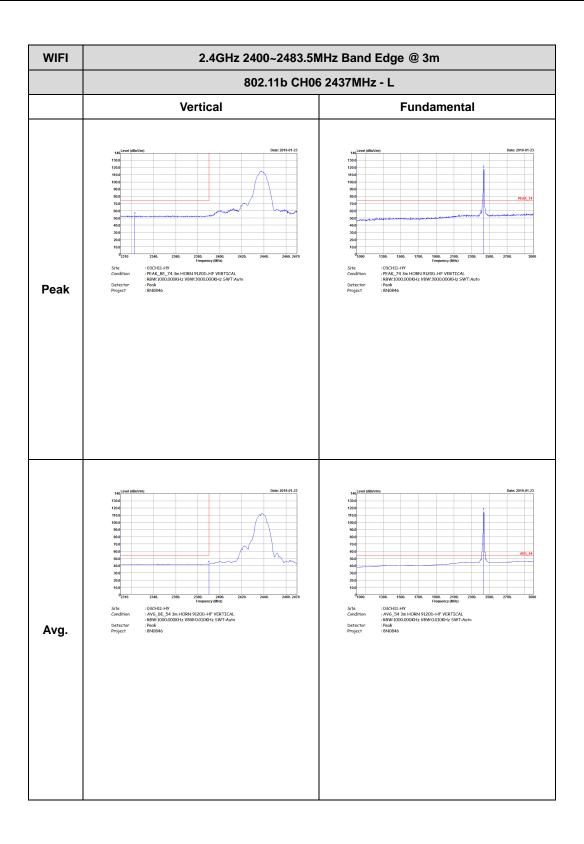
 WIFI
 2.4GHz 2400~2483.5MHz Band Edge @ 3m

 802.11b CH06 2437MHz - R



TEL: 886-3-327-3456 Page Number : C3-59 of C104





TEL: 886-3-327-3456 Page Number : C3-60 of C104

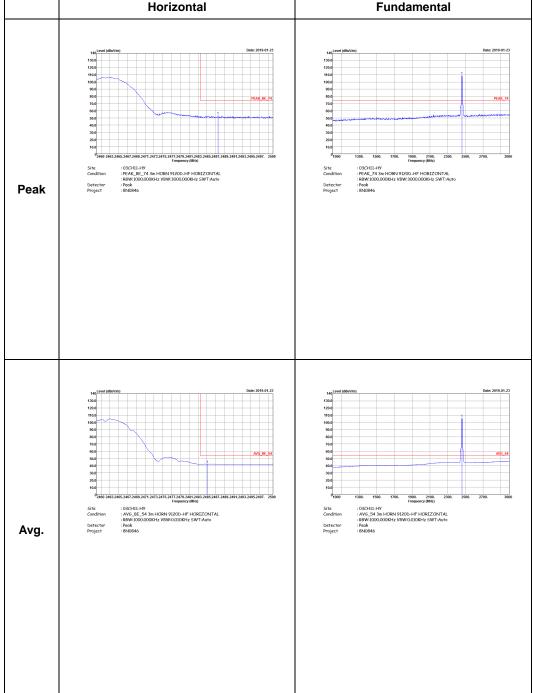
WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m 802.11b CH06 2437MHz - R Vertical **Fundamental** Peak Left blank : 03CH11-HY : AV6_BE_54 3m HORN 9120D-HF VERTICAL : 88W:1000.000KHz VBW:0.010KHz SWT:Auto : Peak : 8N0846 Left blank Avg.

Report No.: FR8N0846C

TEL: 886-3-327-3456 Page Number : C3-61 of C104

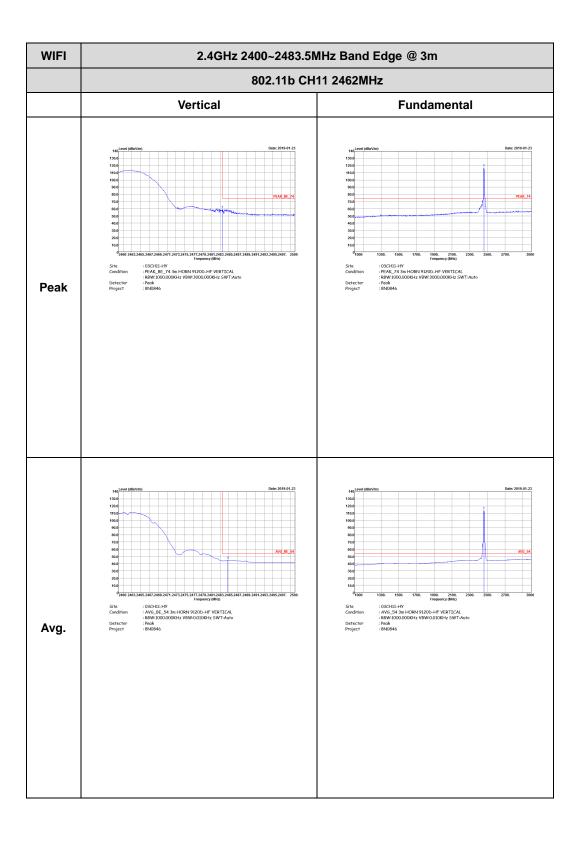
WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m 802.11b CH11 2462MHz Horizontal **Fundamental** Peak

Report No.: FR8N0846C



TEL: 886-3-327-3456 Page Number : C3-62 of C104



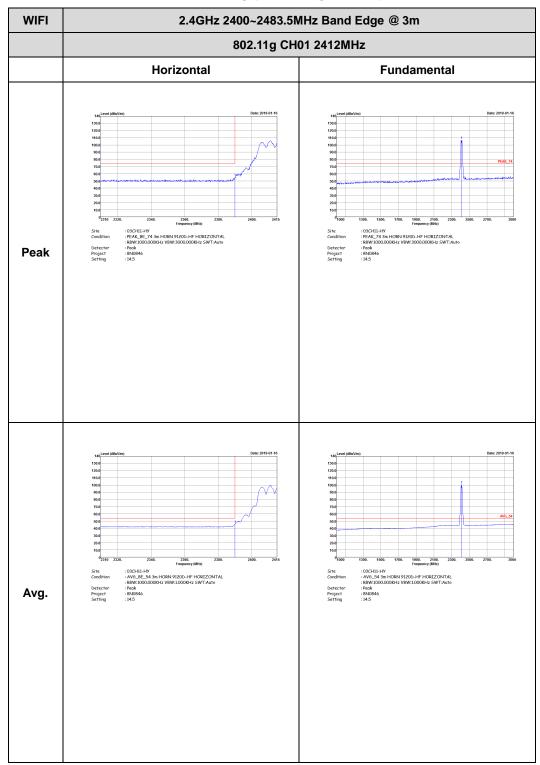


TEL: 886-3-327-3456 Page Number : C3-63 of C104

2.4GHz 2400~2483.5MHz

Report No.: FR8N0846C

WIFI 802.11g (Band Edge @ 3m)



TEL: 886-3-327-3456 Page Number : C3-64 of C104



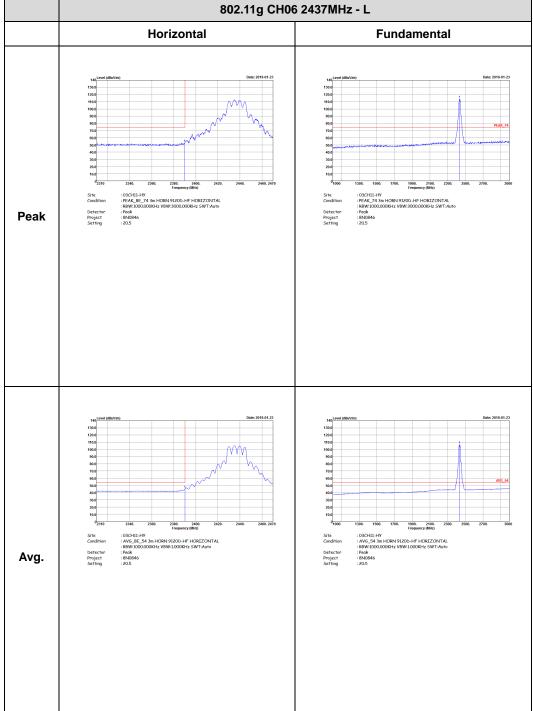
WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m 802.11g CH01 2412MHz Vertical **Fundamental** Peak Frequency (MHz)
: 03CH11-HY
: AV6_54 3m HORN 9120D-HF VERTICAL
: R8W:1000.000KHz VBW:1.000KHz SWT:Auto
: P8N0846
: 14.5 : 03CHIII-HY : AV6_BE_54 3m HORN 9I200-HF VERTICAL : R8W:1000.000KHz VBW:1.000KHz SWT:Auto : Peak : BN0846 : 14.5 Avg.

Report No.: FR8N0846C

TEL: 886-3-327-3456 Page Number : C3-65 of C104

WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m 802.11g CH06 2437MHz - L **Fundamental** Horizontal Peak

Report No.: FR8N0846C



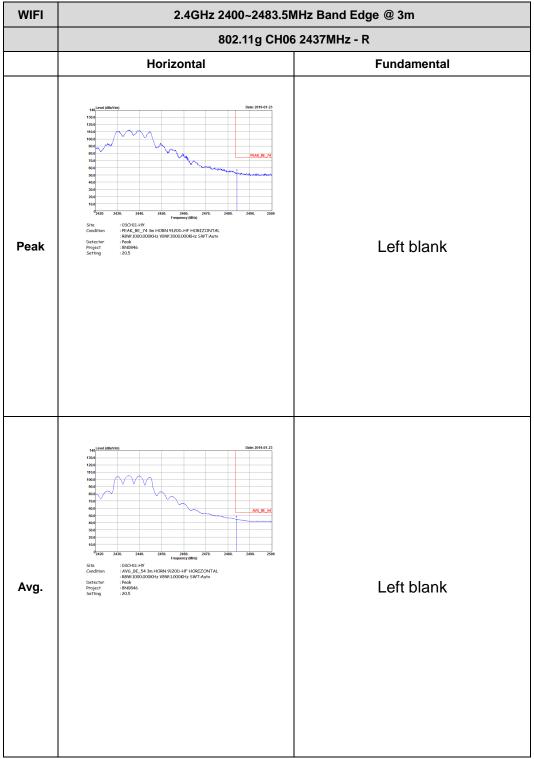
TEL: 886-3-327-3456 Page Number : C3-66 of C104

FCC RADIO TEST REPORT

Report No. : FR8N0846C

WIFI

2.4GHz 2400~2483.5MHz Band Edge @ 3m



TEL: 886-3-327-3456 Page Number : C3-67 of C104



WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m 802.11g CH06 2437MHz - L Vertical **Fundamental** Peak Frequency (MHz)
: 03CH11-HY
: AVE_BE_54 3m HORN 9120D-HF VERTICAL:
: R8W:1000.000KHz VBW:1.000KHz SWT:Auto
: P8N
: 88N0846
: 20.5 : 03CH11-HY
: AV6_54 3m HORN 91200-HF VERTICAL
: 88W:1000.000KHz VBW:1.000KHz SWT:Auto
: P8N0846
: 20.5 Avg.

Report No.: FR8N0846C

TEL: 886-3-327-3456 Page Number : C3-68 of C104

WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m 802.11g CH06 2437MHz - R Vertical **Fundamental** Peak Left blank : 03CHIII-HY : AV6_BE_54 3m HORN 9I200-HF VERTICAL : R8W:1000.000KHz VBW:1.000KHz SWT:Auto : Peak : 8N0846 : 20.5 Left blank Avg.

Report No.: FR8N0846C

TEL: 886-3-327-3456 Page Number : C3-69 of C104



WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m **ANT** 802.11g CH11 2462MHz 1+2 Horizontal **Fundamental** Peak 1 2483.72 54.49 -19.51 74.00 44.20 27.30 6.66 33.60 263 194 Peak 1 * 2462.00 106.94 32.94 74.00 96.67 27.30 6.64 33.60 263 194 Peak Frequency (MHz)

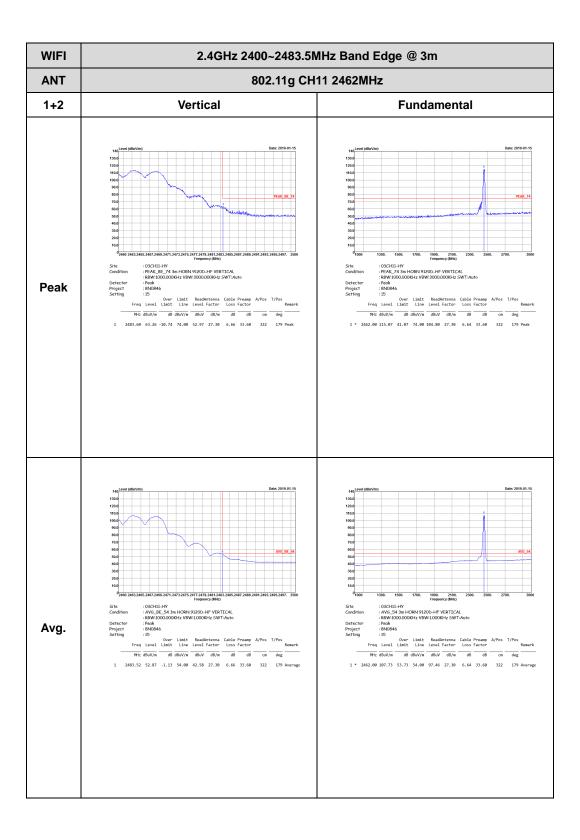
: O3C-H11-HY
: AV6_54 3m HORN 9120D-HF HORIZONTAL
: R8W:1000.000KHz VBW:1.000KHz SWT:Auto
: Peak
: SN0846
: 15

Over Limit RoadAntenna Cable Avg. 1 2483.52 45.51 -8.49 54.00 35.22 27.30 6.66 33.60 263 194 Average

Report No.: FR8N0846C

TEL: 886-3-327-3456 Page Number : C3-70 of C104



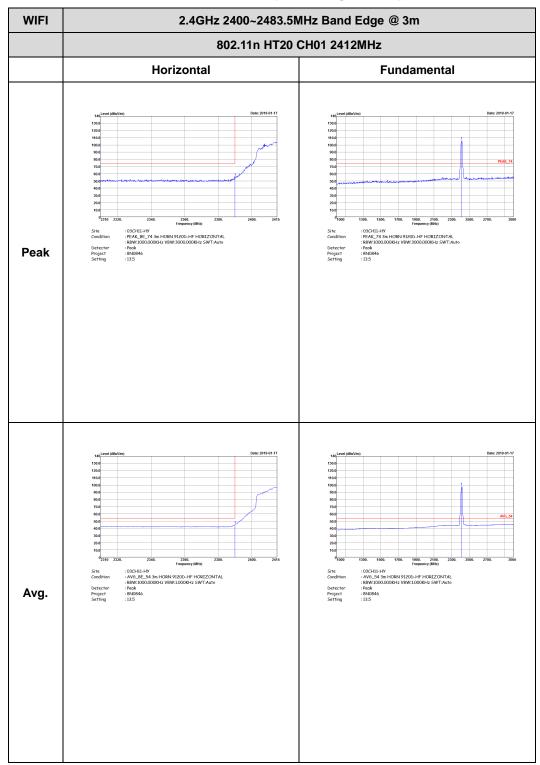


TEL: 886-3-327-3456 Page Number : C3-71 of C104

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

Report No.: FR8N0846C



TEL: 886-3-327-3456 Page Number: C3-72 of C104



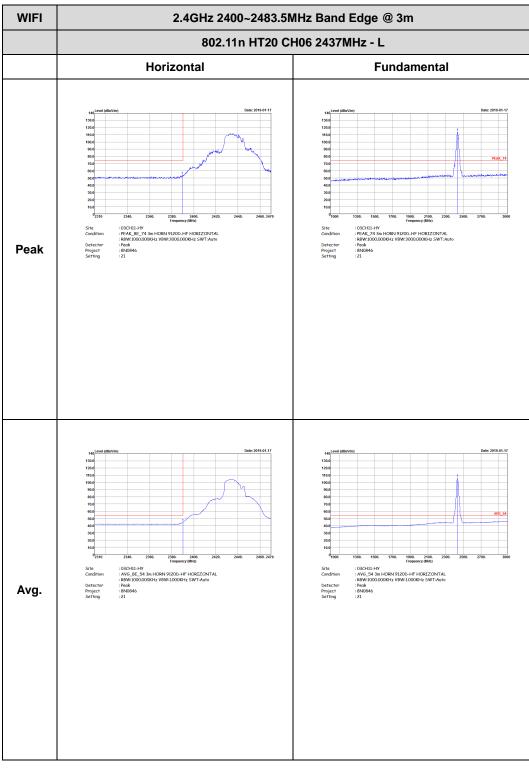
WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m 802.11n HT20 CH01 2412MHz Vertical **Fundamental** Peak Frequency (MML)

: 03CH11-HY
: AV6_54 3m HORN 9120D-HF VERTICAL
: 8BW-1000000KHz VBW-1.000KHz SWT-Auto
: Peak
: 8N0846
: 13.5 : 03CHIII-HY : AV6_BE_54 3m HORN 9I200-HF VERTICAL : R8W:1000.000KHz VBW:1.000KHz SWT:Auto : Peak : BN0846 : 13.5 Avg.

Report No.: FR8N0846C

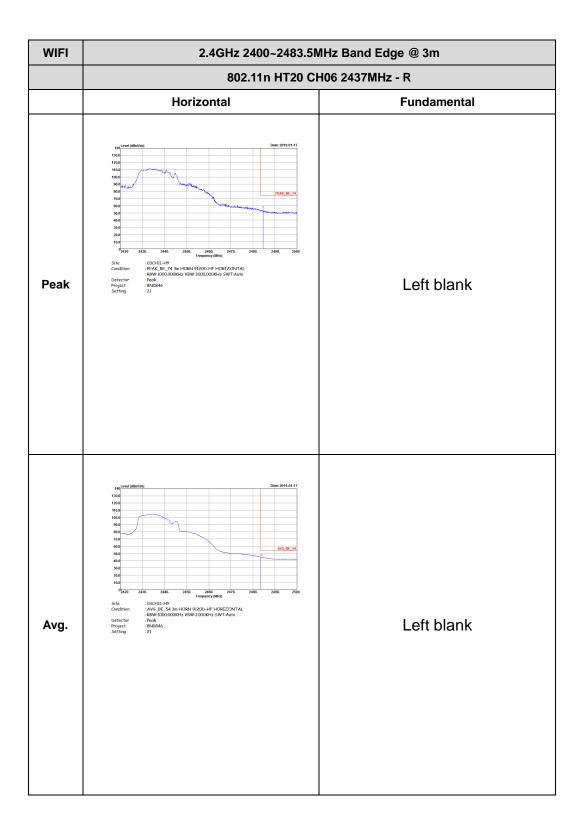
TEL: 886-3-327-3456 Page Number : C3-73 of C104





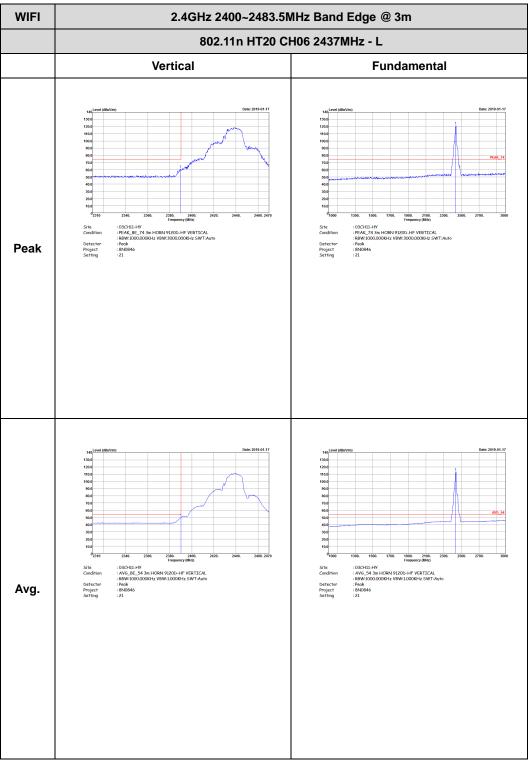
TEL: 886-3-327-3456 Page Number : C3-74 of C104





TEL: 886-3-327-3456 Page Number : C3-75 of C104



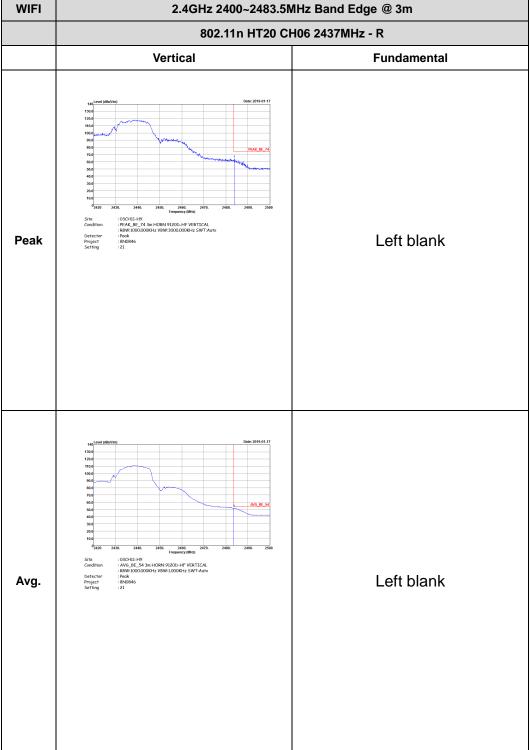


TEL: 886-3-327-3456 Page Number : C3-76 of C104

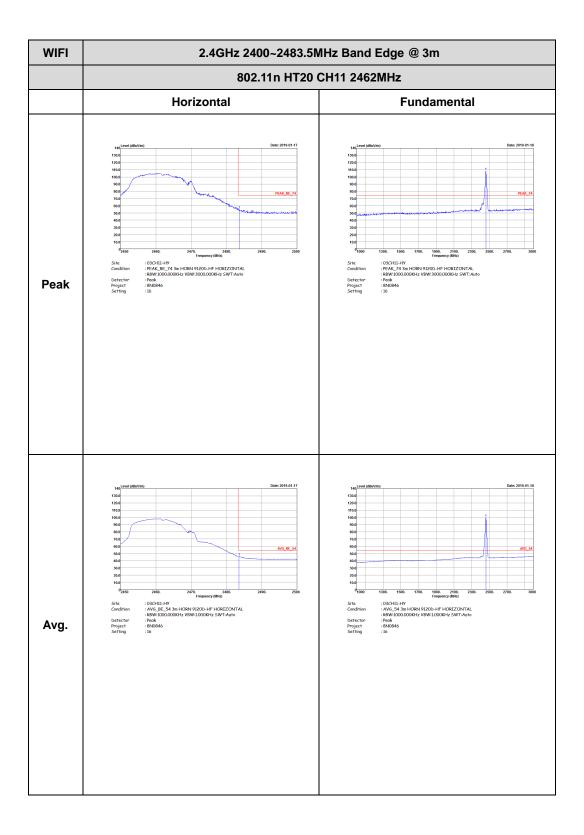
FCC RADIO TEST REPORT

Report No. : FR8N0846C

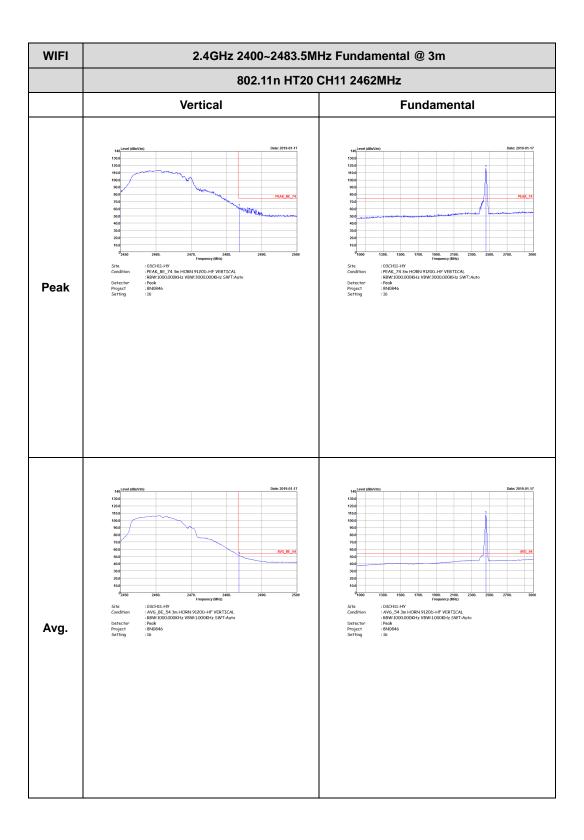
WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m



TEL: 886-3-327-3456 Page Number : C3-77 of C104



: C3-78 of C104 TEL: 886-3-327-3456 Page Number

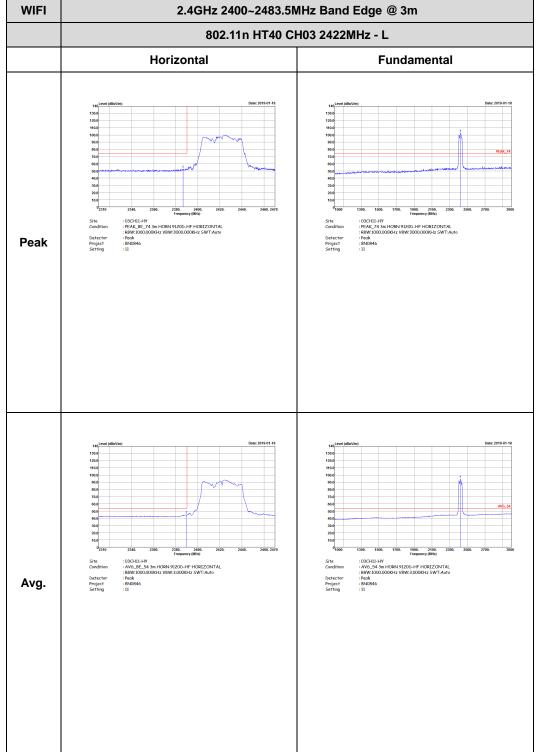


TEL: 886-3-327-3456 Page Number : C3-79 of C104

2.4GHz 2400~2483.5MHz

Report No.: FR8N0846C

WIFI 802.11n HT40 (Band Edge @ 3m)



TEL: 886-3-327-3456 Page Number : C3-80 of C104

WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m 802.11n HT40 CH03 2422MHz - R Horizontal **Fundamental** Peak Left blank : 03CHIL-HY : AVE_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto : Peak : 8N0846 :11

Report No.: FR8N0846C

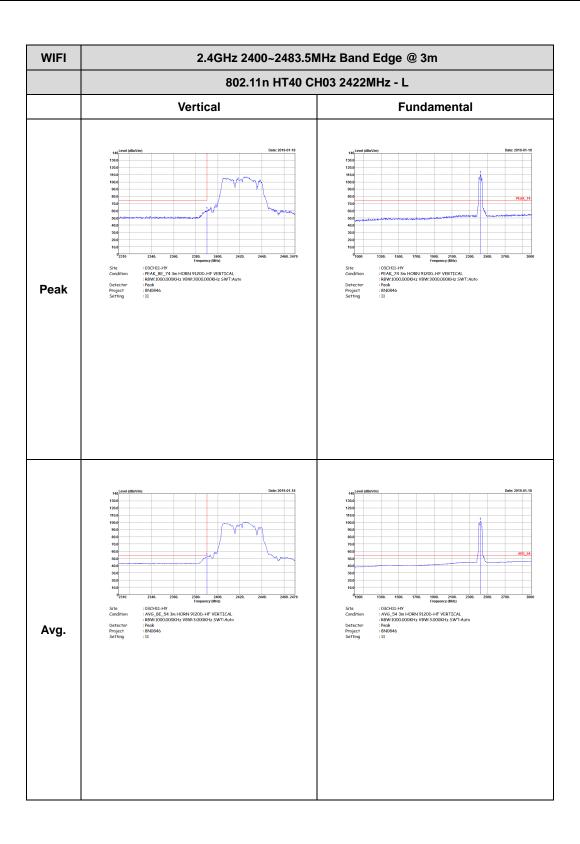
TEL: 886-3-327-3456 Page Number : C3-81 of C104

Left blank

FAX: 886-3-328-4978

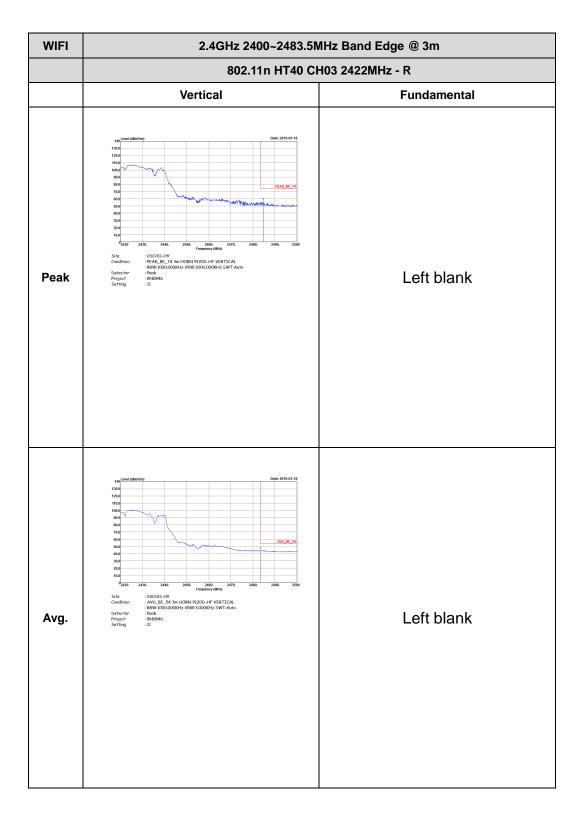
Avg.



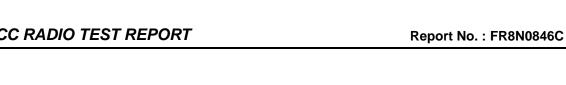


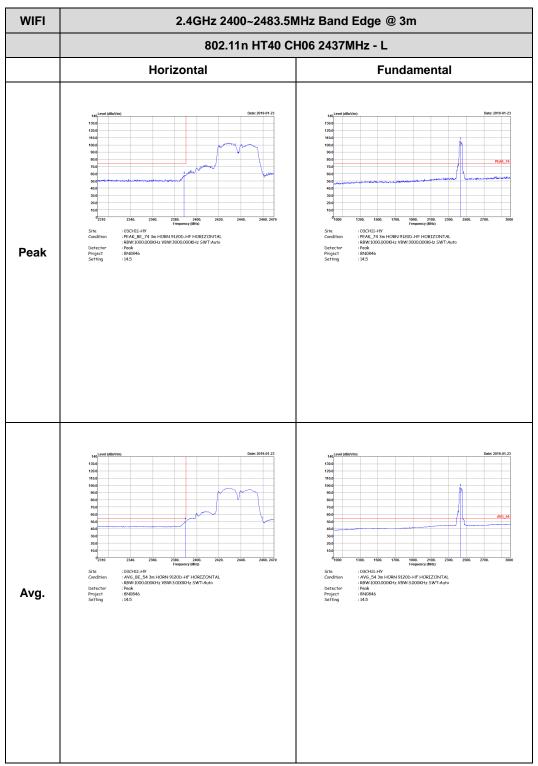
TEL: 886-3-327-3456 Page Number : C3-82 of C104





: C3-83 of C104 TEL: 886-3-327-3456 Page Number



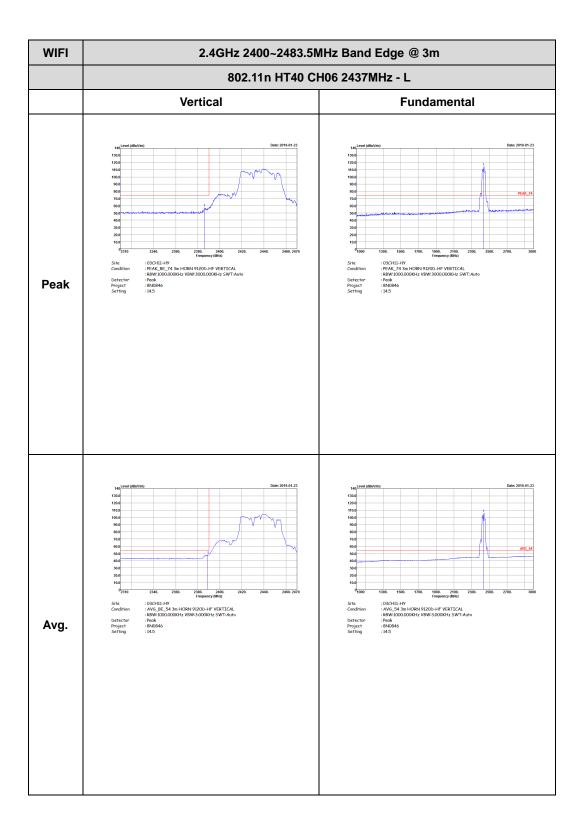


TEL: 886-3-327-3456 Page Number : C3-84 of C104

WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m 802.11n HT40 CH06 2437MHz - R Horizontal **Fundamental** Peak Left blank : 03CH11-HY : AV6_BE_54 3m HORN 91200-HF HORIZONTAL : R8W:1000.000KHz VBW:3.000KHz SWT:Auto : Peak : RN0846 : 14.5 Left blank Avg.

Report No.: FR8N0846C

TEL: 886-3-327-3456 Page Number : C3-85 of C104

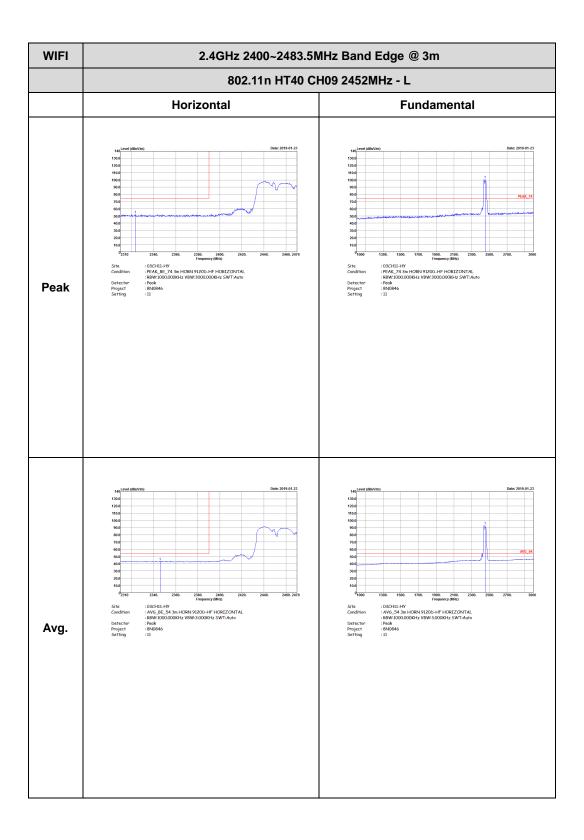


TEL: 886-3-327-3456 Page Number : C3-86 of C104

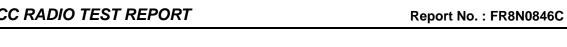
WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m 802.11n HT40 CH06 2437MHz - R Horizontal **Fundamental** Peak Left blank : 03CHIII-HY : AV6_BE_54 3m HORN 9120D-HF VERTICAL : R8W:1000.000KHz VBW:3.000KHz SWT:Auto : Peak : BN0846 : 14.5 Left blank Avg.

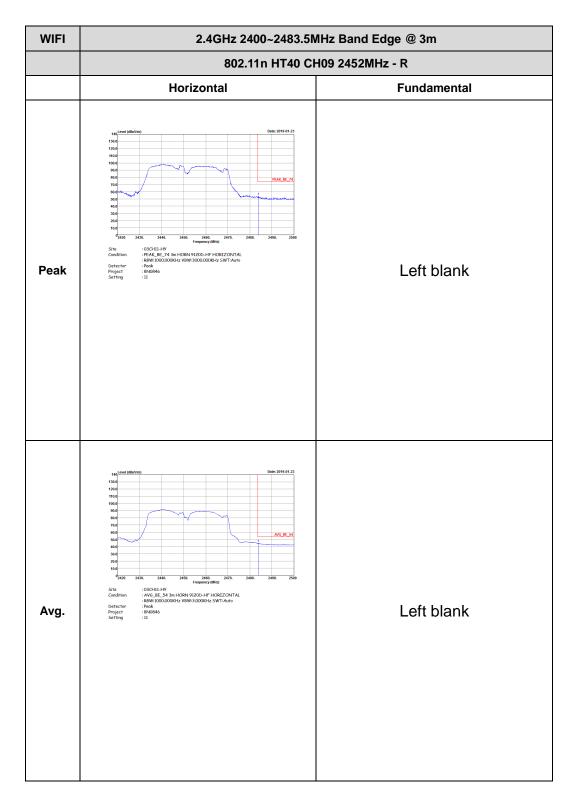
Report No.: FR8N0846C

TEL: 886-3-327-3456 Page Number : C3-87 of C104

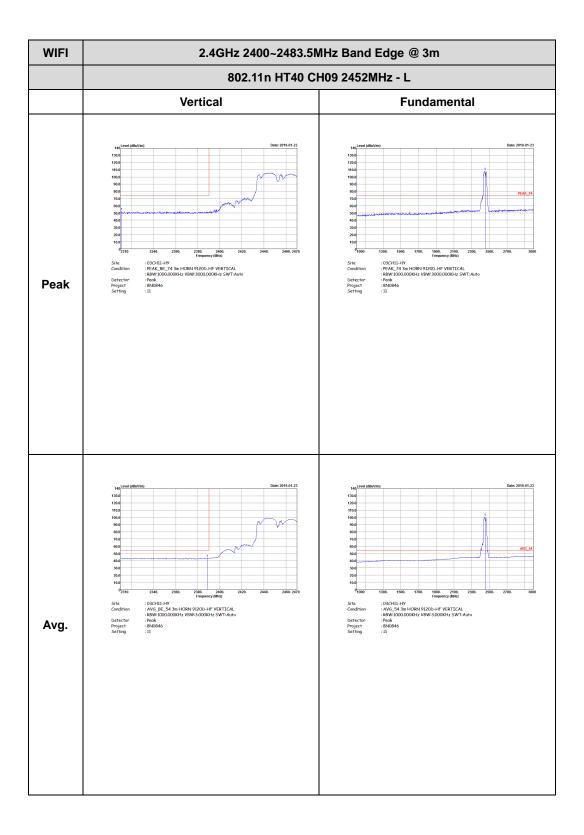


TEL: 886-3-327-3456 Page Number : C3-88 of C104



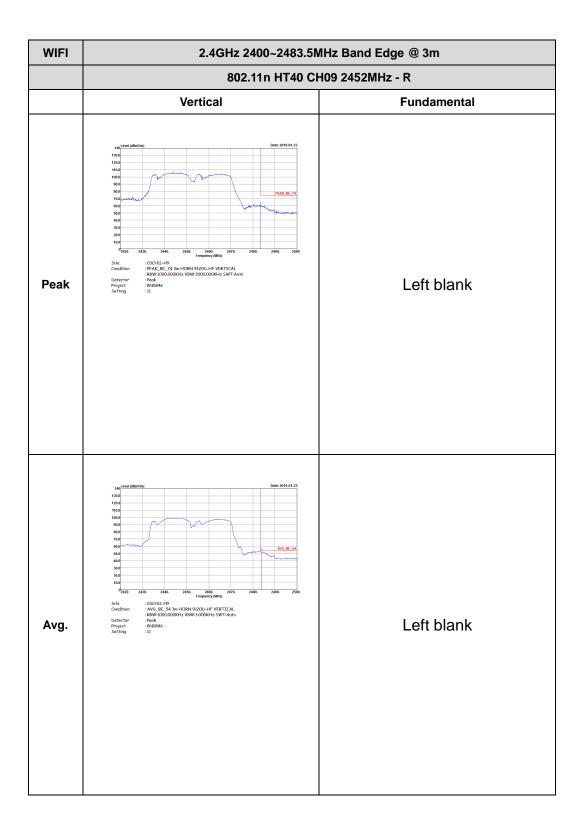


TEL: 886-3-327-3456 Page Number : C3-89 of C104



TEL: 886-3-327-3456 Page Number : C3-90 of C104



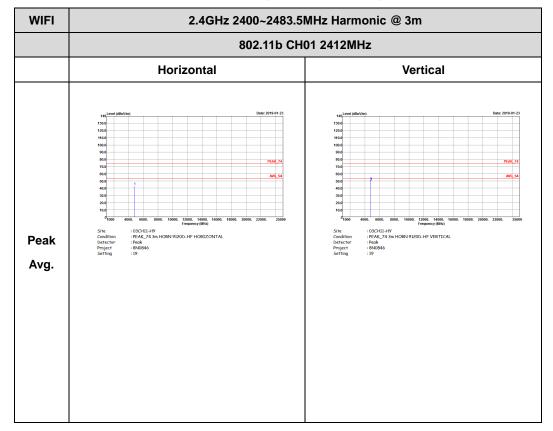


TEL: 886-3-327-3456 Page Number: C3-91 of C104

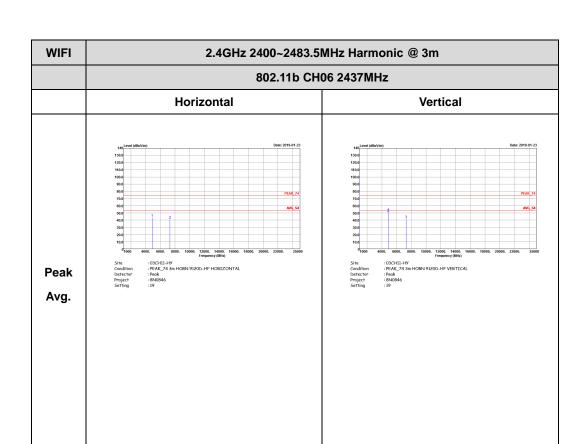
2.4GHz 2400~2483.5MHz

Report No.: FR8N0846C

WIFI 802.11b (Harmonic @ 3m)



TEL: 886-3-327-3456 Page Number : C3-92 of C104



TEL: 886-3-327-3456 Page Number : C3-93 of C104

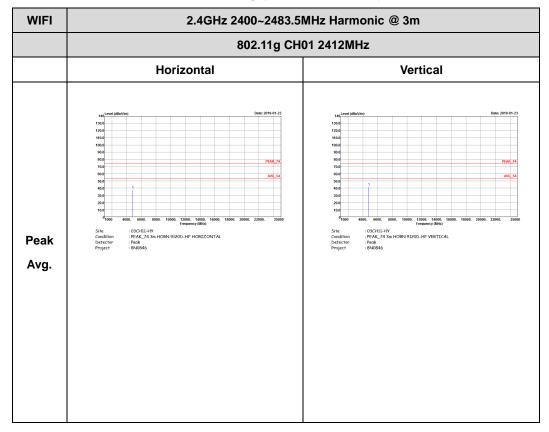
Report No.: FR8N0846C

TEL: 886-3-327-3456 Page Number : C3-94 of C104

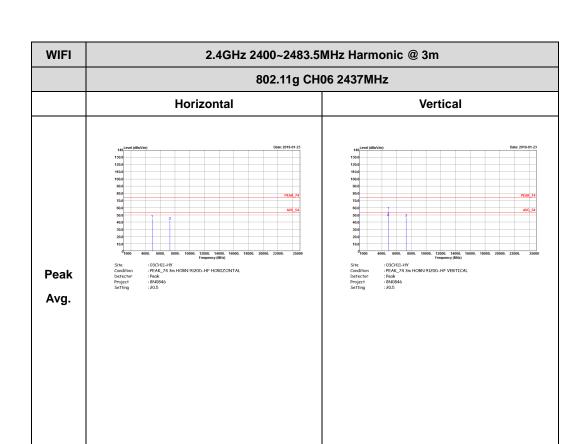
2.4GHz 2400~2483.5MHz

Report No.: FR8N0846C

WIFI 802.11g (Harmonic @ 3m)



TEL: 886-3-327-3456 Page Number : C3-95 of C104



TEL: 886-3-327-3456 Page Number : C3-96 of C104

WIFI

2.4GHz 2400~2483.5MHz Harmonic @ 3m

802.11g CH11 2462MHz

Horizontal

Vertical

Vertical

Peak

GoodStore | FAZ, Z lab 16280 91200-16* | FAZZZZSTYZ. | Service | FAZZZSTYZ. | Service | FAZZZZSTYZ. | Service | FAZZZSTYZ. | Service | FAZZZSTYZSTYZ. | Service | FAZZZSTYZ. | Service | FAZZZSTYZ. | Service | F

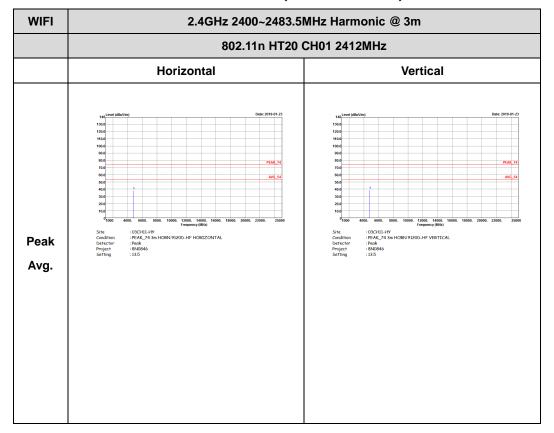
Report No.: FR8N0846C

TEL: 886-3-327-3456 Page Number : C3-97 of C104

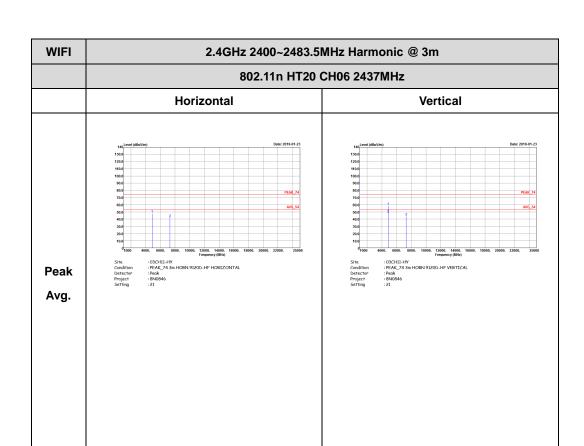
2.4GHz 2400~2483.5MHz

Report No.: FR8N0846C

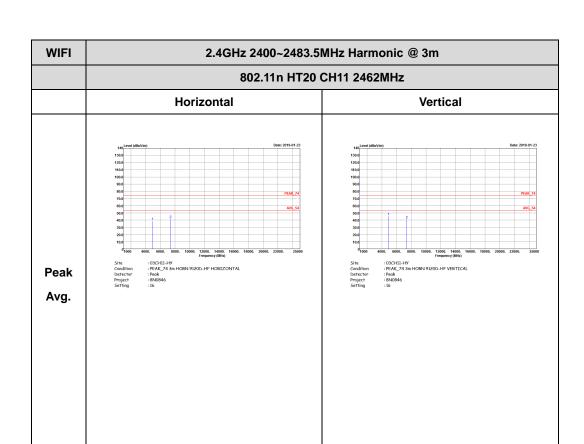
WIFI 802.11n HT20 (Harmonic @ 3m)



TEL: 886-3-327-3456 Page Number : C3-98 of C104



TEL: 886-3-327-3456 Page Number : C3-99 of C104

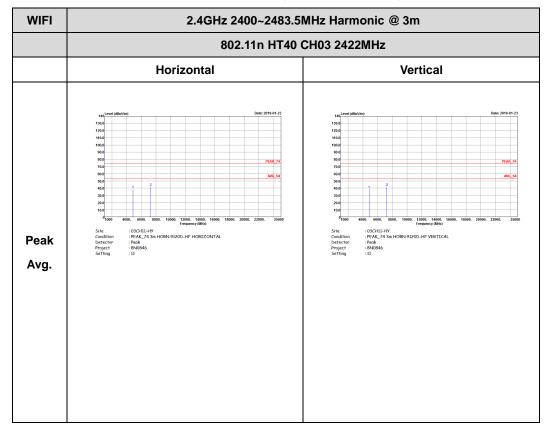


TEL: 886-3-327-3456 Page Number : C3-100 of C104

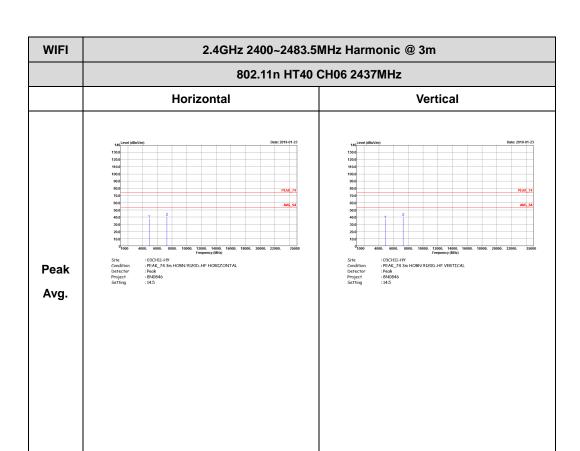
2.4GHz 2400~2483.5MHz

Report No.: FR8N0846C

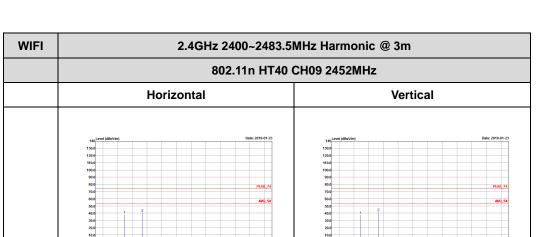
WIFI 802.11n HT40 (Harmonic @ 3m)



TEL: 886-3-327-3456 Page Number : C3-101 of C104



TEL: 886-3-327-3456 Page Number: C3-102 of C104



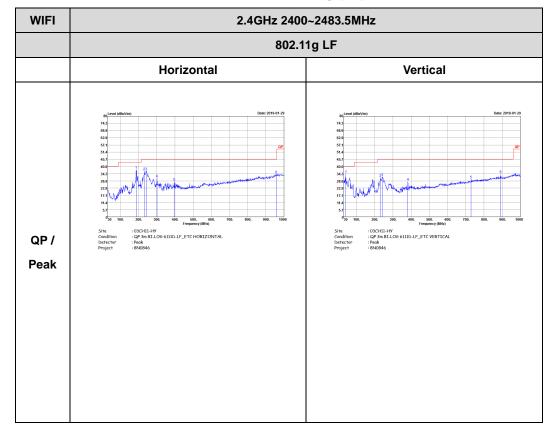
TEL: 886-3-327-3456 Page Number : C3-103 of C104

2.4GHz 2400~2483.5MHz

Report No.: FR8N0846C

Emission below 1GHz

2.4GHz WIFI 802.11g (LF)



TEL: 886-3-327-3456 Page Number : C3-104 of C104





Appendix D. Duty Cycle Plots

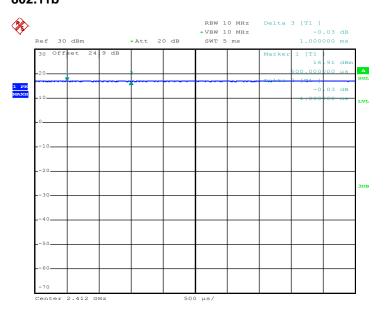
Chain	Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor (dB)
1	802.11b	100.00	-	-	10Hz	0.00
2	802.11b	100.00	-	-	10Hz	0.00
1+2	802.11b for Chain 1	100.00	-	-	10Hz	0.00
1+2	802.11b for Chain 2	100.00	-	-	10Hz	0.00
1	802.11g	94.88	2059.00	0.49	1kHz	0.23
2	802.11g	94.92	2075.00	0.48	1kHz	0.23
1+2	802.11g for Chain 1	95.59	2064.00	0.48	1kHz	0.20
1+2	802.11g for Chain 2	94.88	2059.00	0.49	1kHz	0.23
1	2.4GHz 802.11n HT20	94.29	1917.00	0.52	1kHz	0.26
2	2.4GHz 802.11n HT20	95.09	1935.00	0.52	1kHz	0.22
1+2	2.4GHz 802.11n HT20 for Chain 1	95.05	1919.00	0.52	1kHz	0.22
1+2	2.4GHz 802.11n HT20 for Chain 2	95.28	1919.00	0.52	1kHz	0.21
1	2.4GHz 802.11n HT40	91.25	939.00	1.06	3kHz	0.40
2	2.4GHz 802.11n HT40	91.84	945.00	1.06	3kHz	0.37
1+2	2.4GHz 802.11n HT40 for Chain 1	90.65	940.00	1.06	3kHz	0.43
1+2	2.4GHz 802.11n HT40 for Chain 2	91.37	942.00	1.06	3kHz	0.39
1	2.4GHz 802.11ac20	94.33	1929.00	0.52	1kHz	0.25
2	2.4GHz 802.11ac20	94.84	1929.00	0.52	1kHz	0.23
1+2	2.4GHz 802.11ac20 for Chain 1	94.87	1940.00	0.52	1kHz	0.23
1+2	2.4GHz 802.11ac20 for Chain 2	95.07	1929.00	0.52	1kHz	0.22
1	2.4GHz 802.11ac40	90.36	947.00	1.06	3kHz	0.44
2	2.4GHz 802.11ac40	90.86	954.00	1.05	3kHz	0.42
1+2	2.4GHz 802.11ac40 for Chain 1	89.75	946.00	1.06	3kHz	0.47
1+2	2.4GHz 802.11ac40 for Chain 2	90.67	952.00	1.05	3kHz	0.43

Report No.: FR8N0846C

TEL: 886-3-327-3456 Page Number : D1 of D13

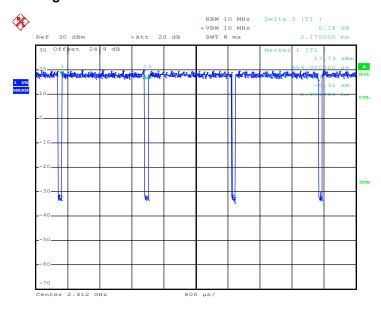






Date: 22.NOV.2018 20:54:12

802.11g



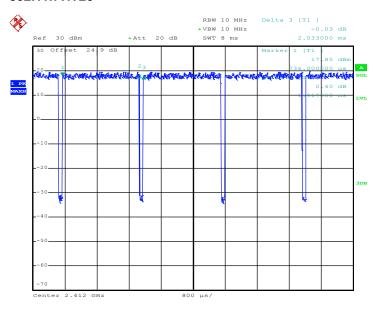
Date: 22.NOV.2018 22:09:13

TEL: 886-3-327-3456 Page Number : D2 of D13



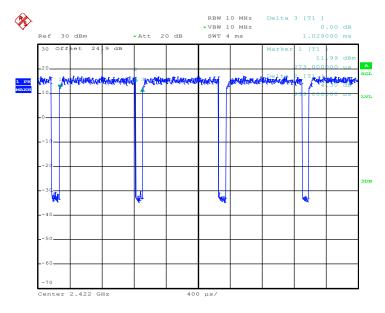
ST REPORT Report No.: FR8N0846C





Date: 22.NOV.2018 22:33:39

802.11n HT40



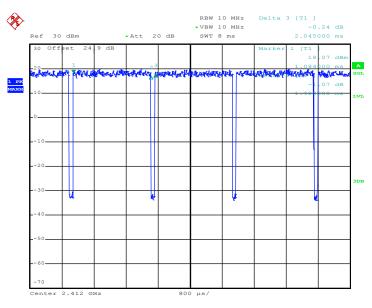
Date: 22.NOV.2018 23:21:52

TEL: 886-3-327-3456 Page Number : D3 of D13



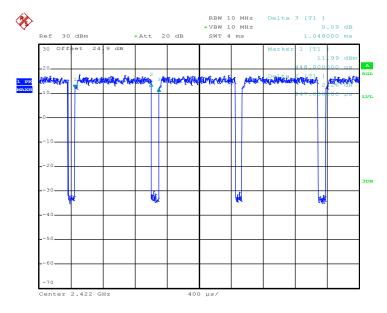
C RADIO TEST REPORT Report No. : FR8N0846C





Date: 22.NOV.2018 22:56:32

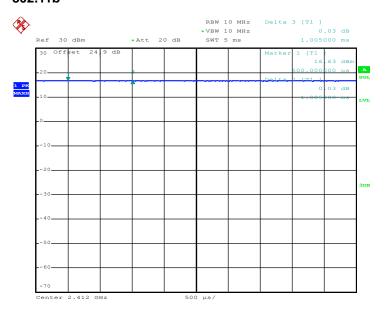
802.11ac VHT40



Date: 22.NOV.2018 23:40:51

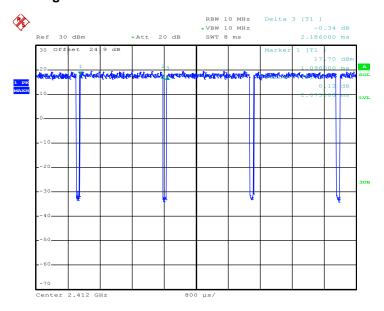
TEL: 886-3-327-3456 Page Number : D4 of D13

<Chain 2> 802.11b



Date: 22.NOV.2018 20:55:30

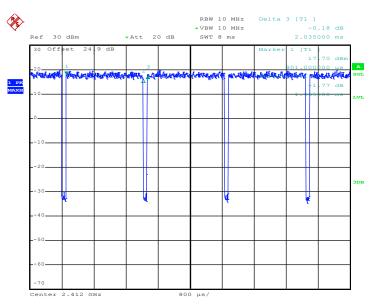
802.11g



Date: 22.NOV.2018 22:10:43

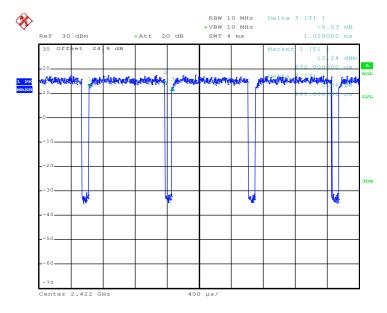
TEL: 886-3-327-3456 Page Number: D5 of D13

802.11n HT20



Date: 22.NOV.2018 22:34:39

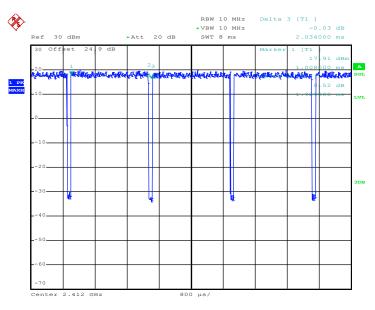
802.11n HT40



Date: 22.NOV.2018 23:22:44

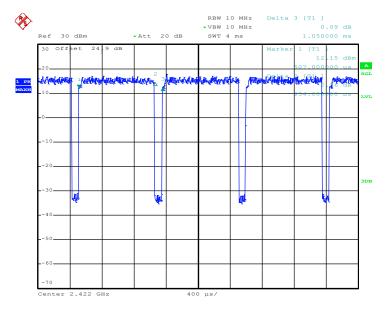
TEL: 886-3-327-3456 Page Number : D6 of D13





Date: 22.NOV.2018 22:57:43

802.11ac VHT40

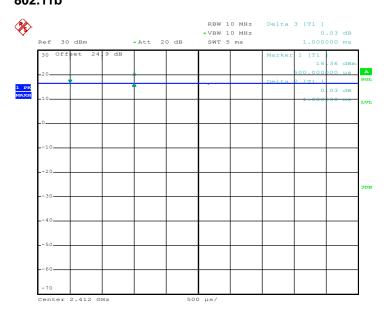


Date: 22.NOV.2018 23:42:06

TEL: 886-3-327-3456 Page Number: D7 of D13

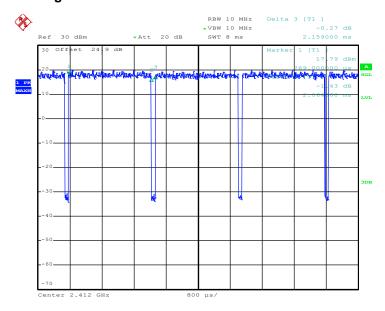


MIMO <Chain 1> 802.11b



Date: 22.NOV.2018 20:56:26

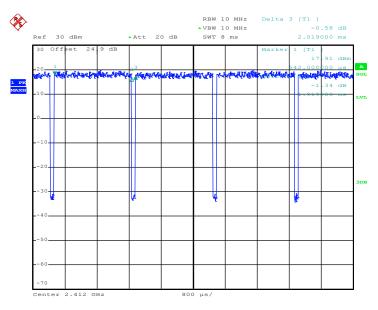
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Date: 22.NOV.2018 22:11:37

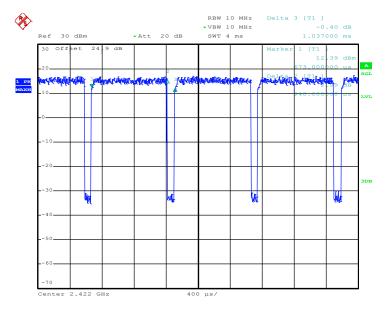
TEL: 886-3-327-3456 Page Number: D8 of D13





Date: 22.NOV.2018 22:35:57

802.11n HT40



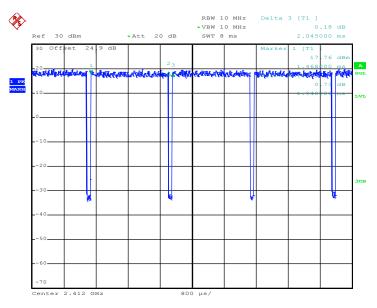
Date: 22.NOV.2018 23:23:53

TEL: 886-3-327-3456 Page Number : D9 of D13



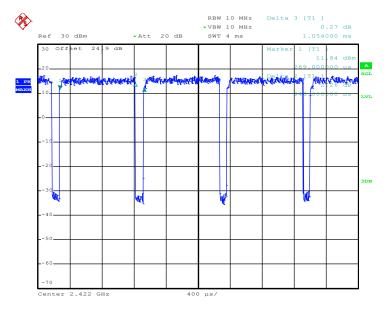
RADIO TEST REPORT Report No. : FR8N0846C





Date: 22.NOV.2018 22:59:31

802.11ac VHT40

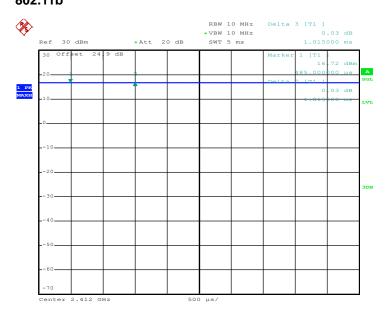


Date: 22.NOV.2018 23:43:05

TEL: 886-3-327-3456 Page Number : D10 of D13



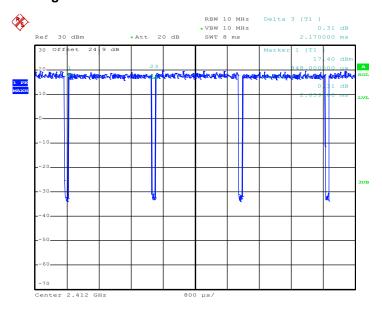
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Report No.: FR8N0846C

Date: 22.NOV.2018 20:58:42

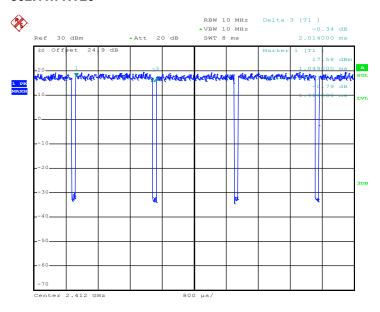
802.11g



Date: 22.NOV.2018 22:12:23

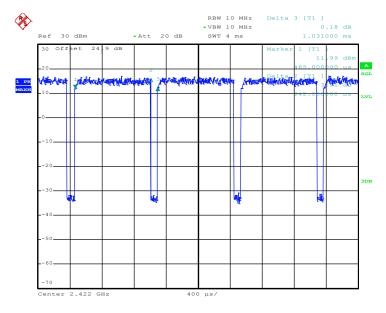
TEL: 886-3-327-3456 Page Number : D11 of D13

802.11n HT20



Date: 22.NOV.2018 22:36:33

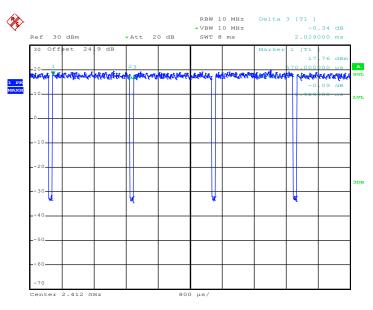
802.11n HT40



Date: 22.NOV.2018 23:24:43

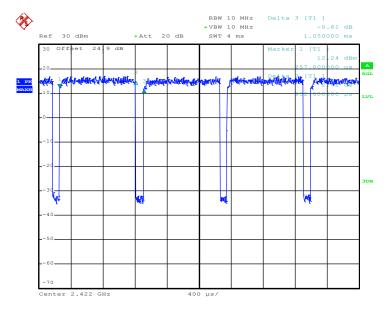
TEL: 886-3-327-3456 Page Number : D12 of D13





Date: 22.NOV.2018 23:00:07

802.11ac VHT40



Date: 22.NOV.2018 23:43:47

TEL: 886-3-327-3456 Page Number : D13 of D13