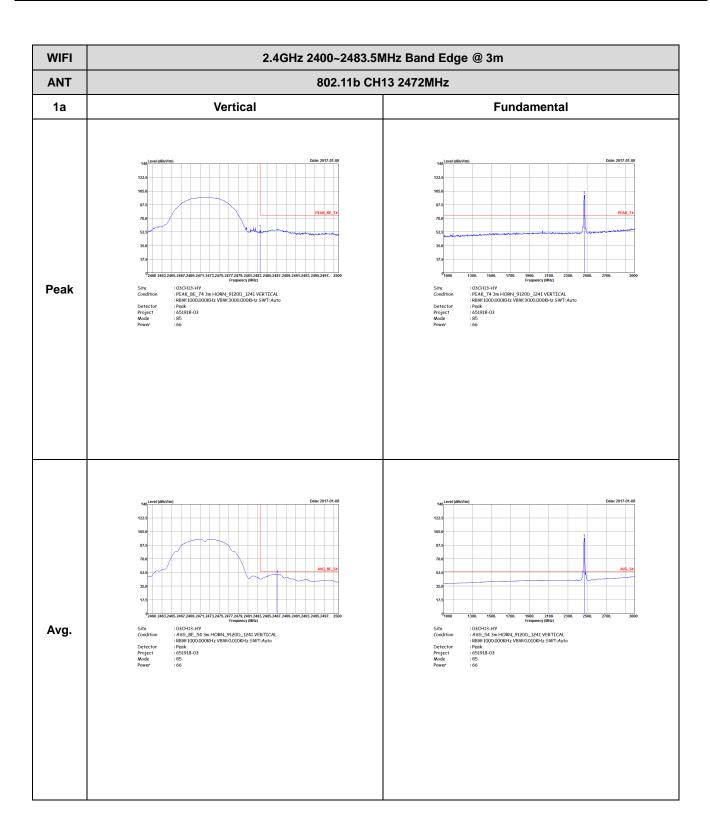


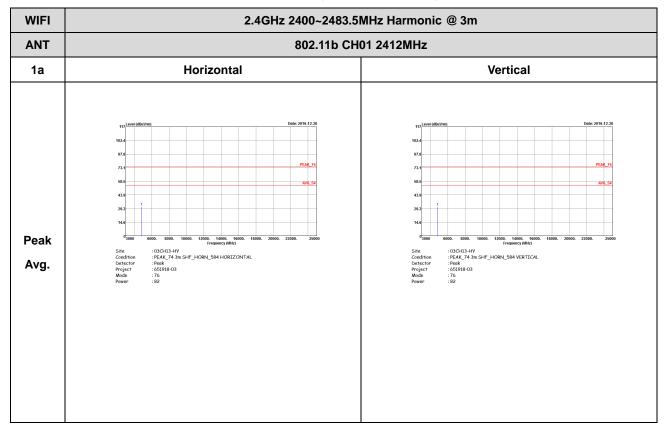
FCC RF Test Report



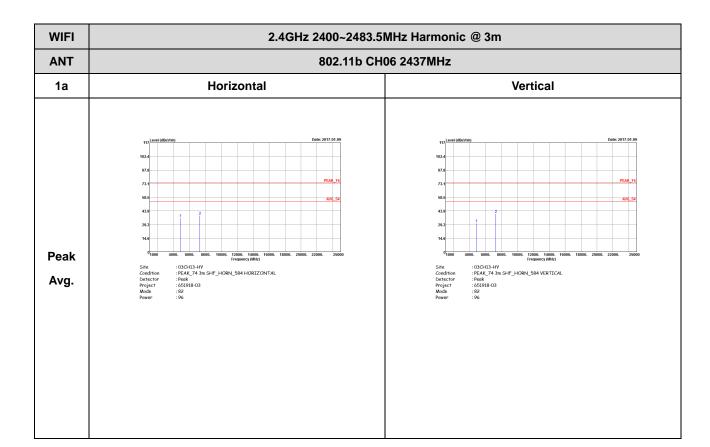
TEL: 886-3-327-3456 FAX: 886-3-328-4978

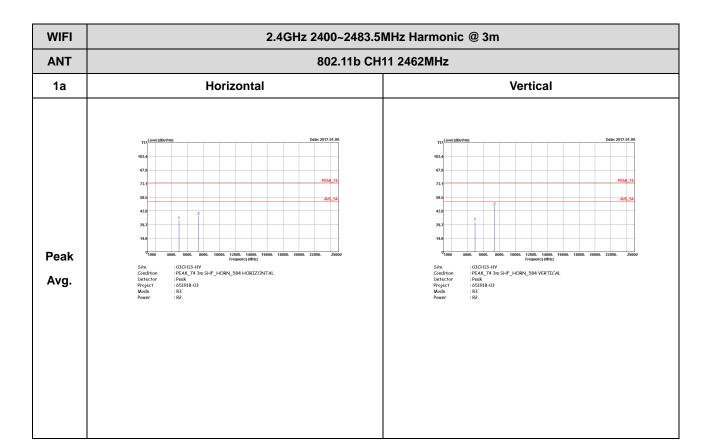
2.4GHz 2400~2483.5MHz

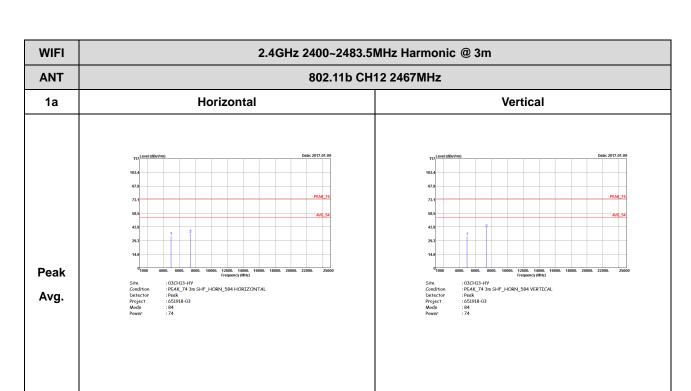
WIFI 802.11b (Harmonic @ 3m)

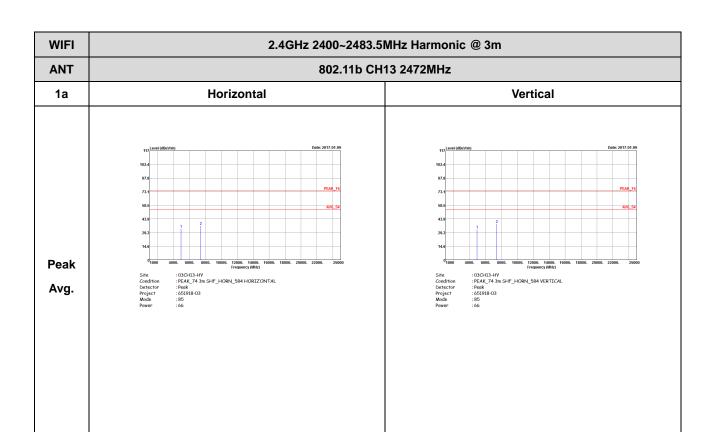


TEL: 886-3-327-3456 FAX: 886-3-328-4978

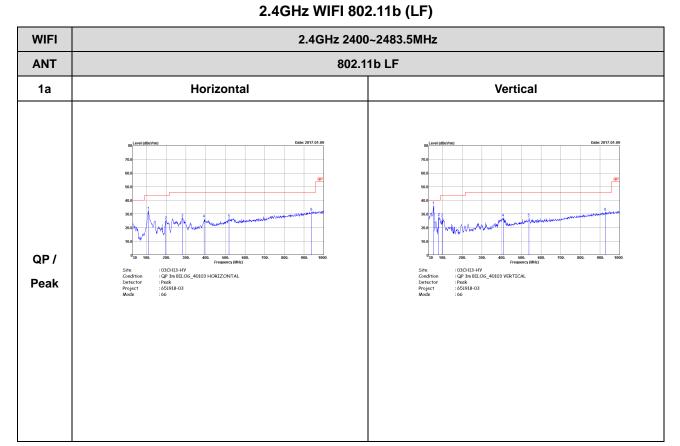








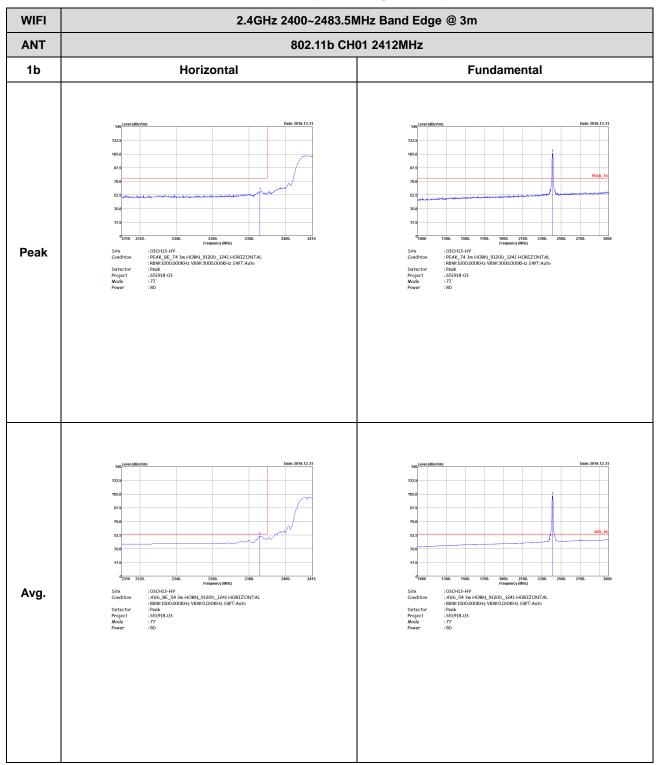
Emission below 1GHz



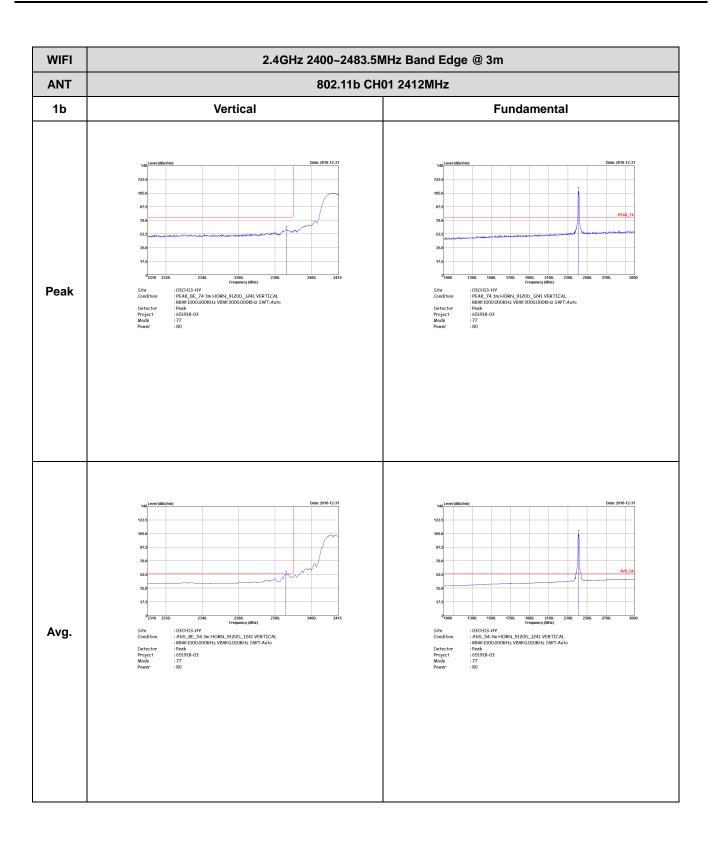
TEL: 886-3-327-3456 FAX: 886-3-328-4978

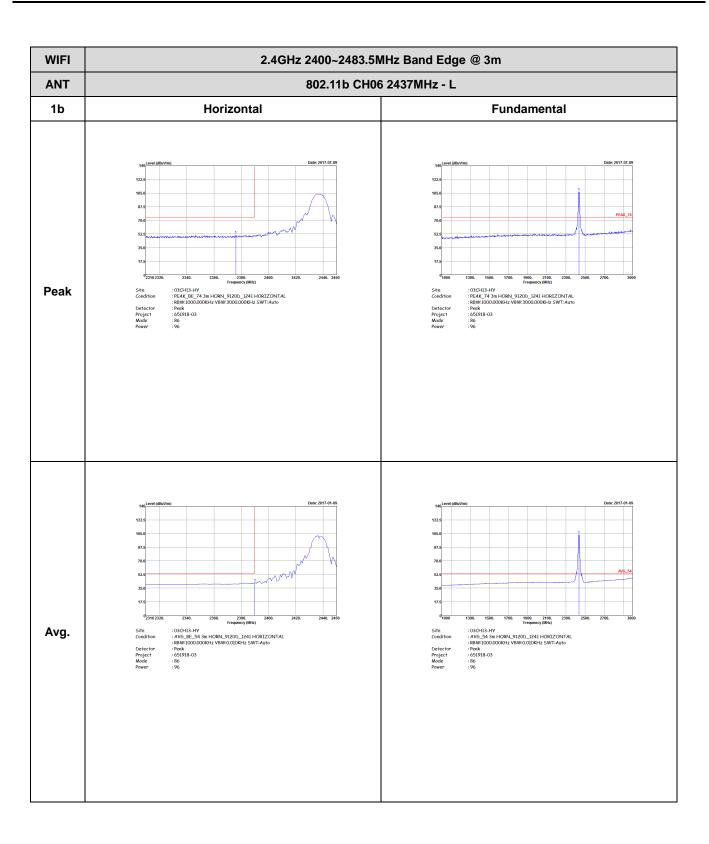
2.4GHz 2400~2483.5MHz

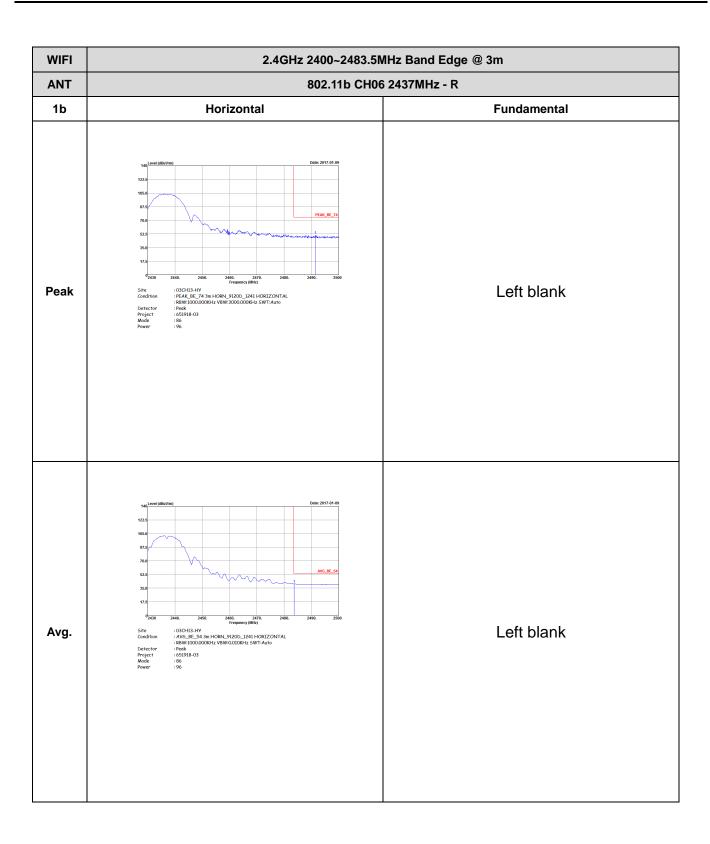
WIFI 802.11b (Band Edge @ 3m)

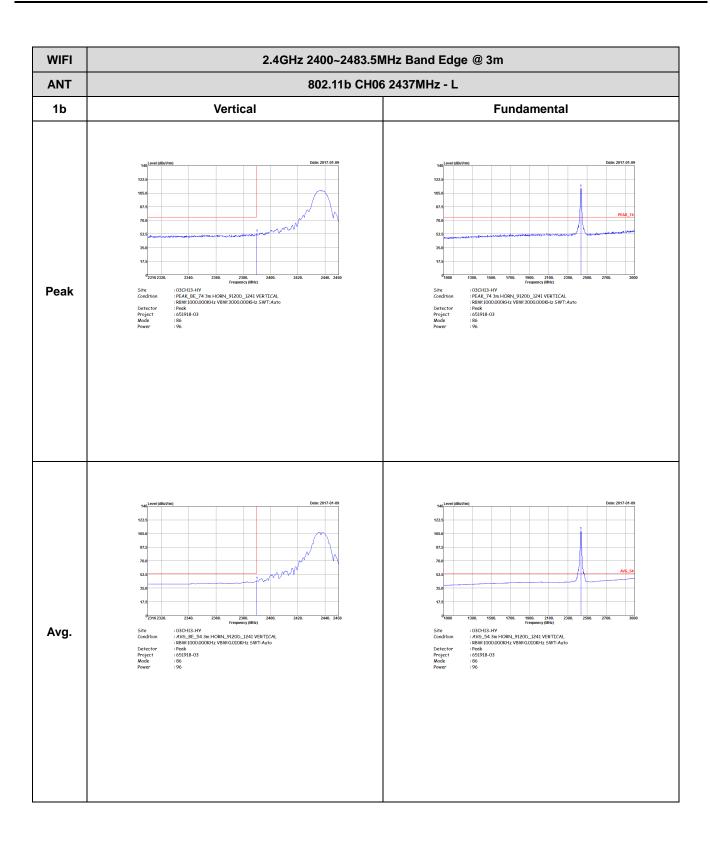


TEL: 886-3-327-3456 FAX: 886-3-328-4978



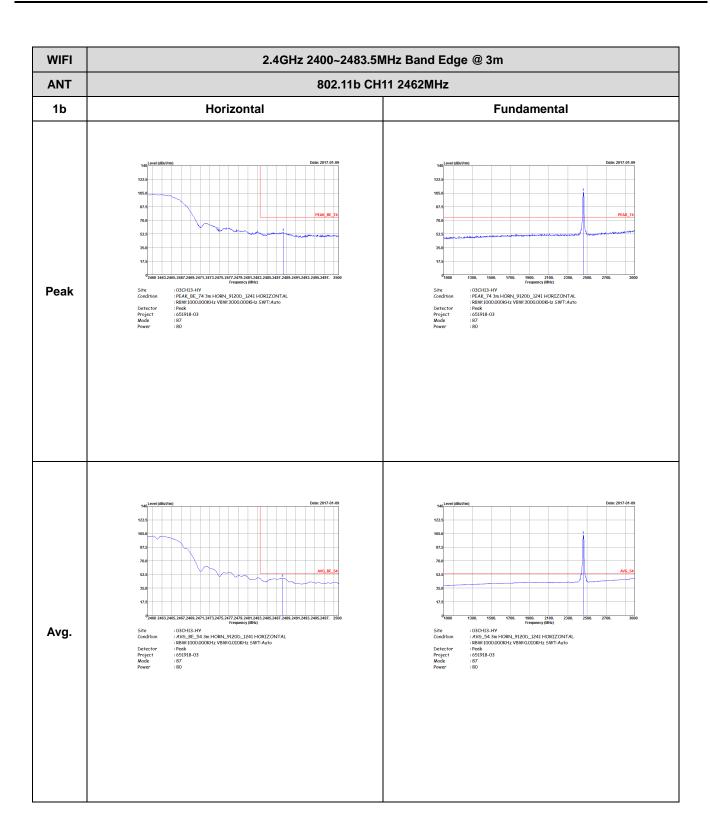


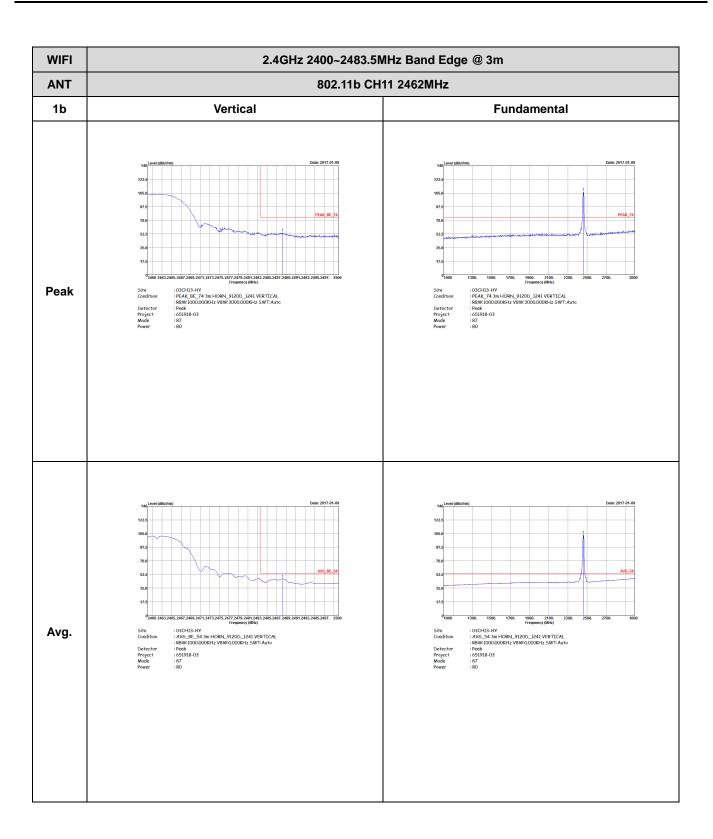


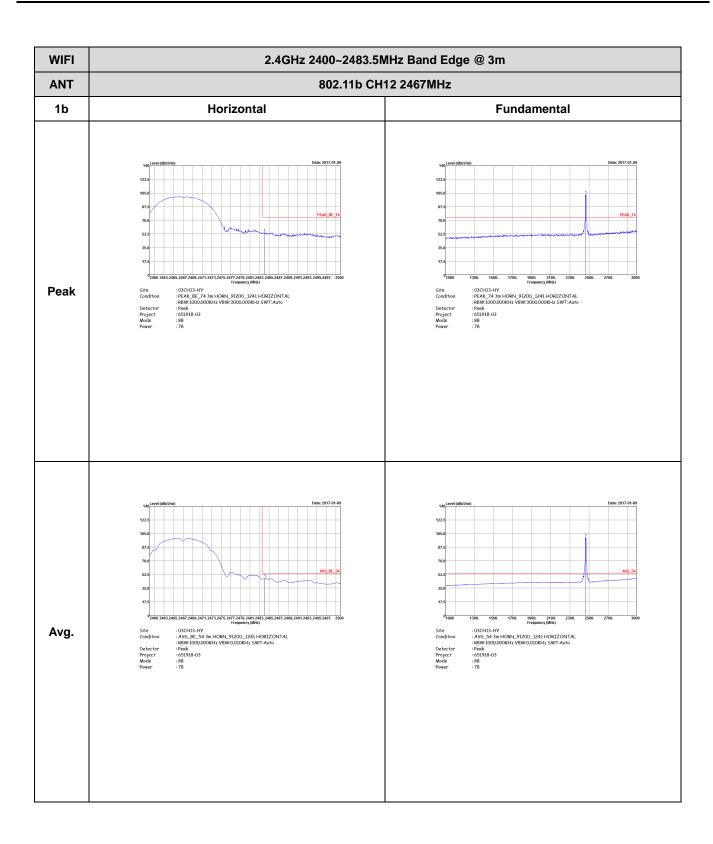


WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m **ANT** 802.11b CH06 2437MHz - R 1b Vertical **Fundamental** Peak Left blank Left blank Avg.

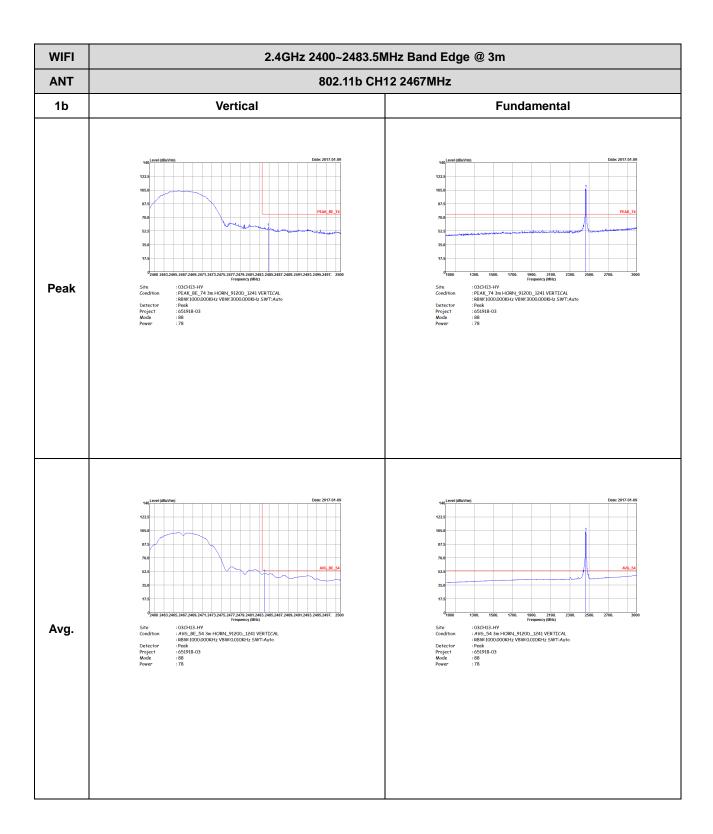
TEL: 886-3-327-3456 FAX: 886-3-328-4978

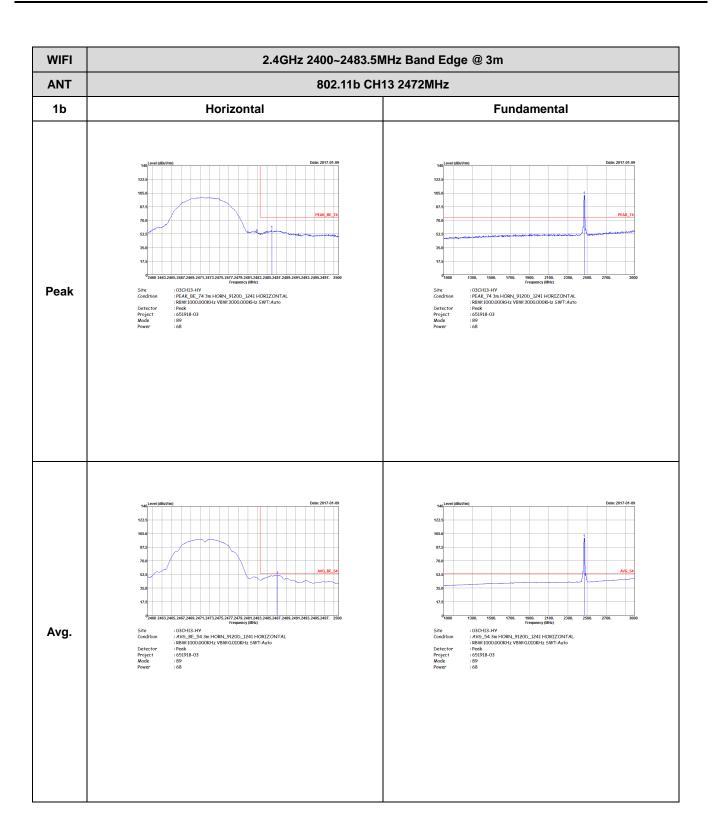




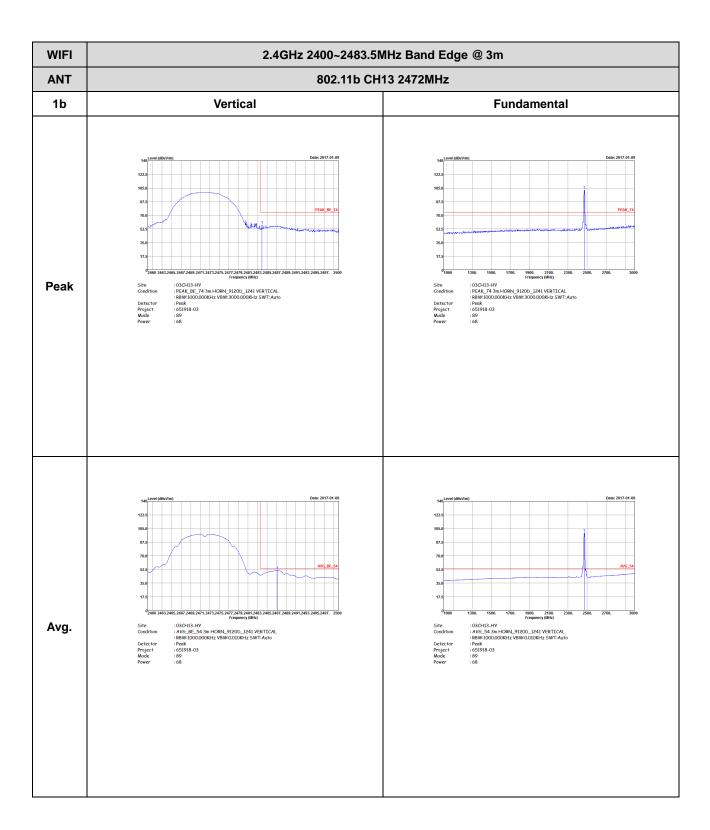






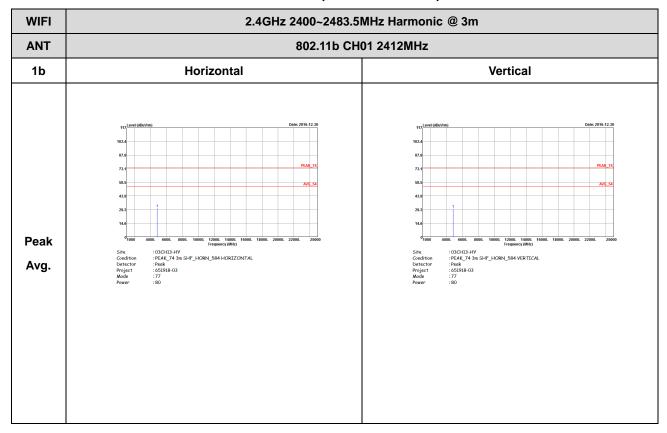




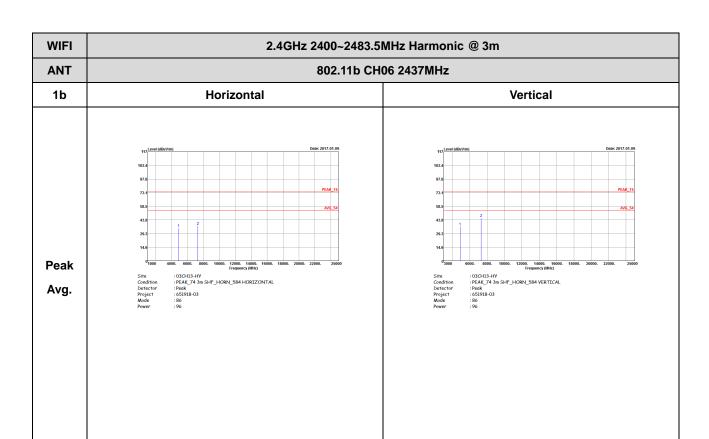


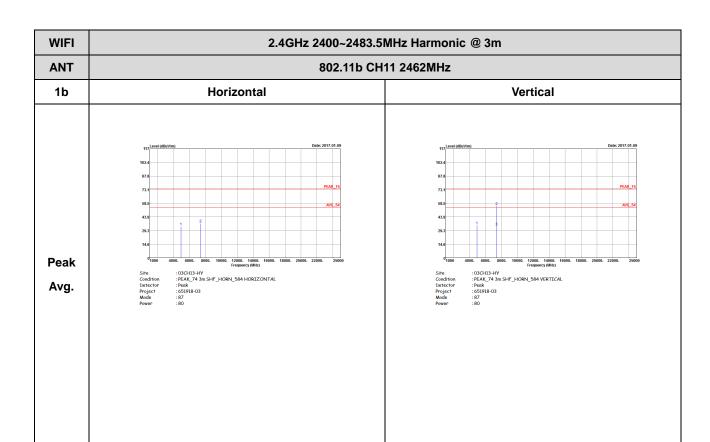
2.4GHz 2400~2483.5MHz

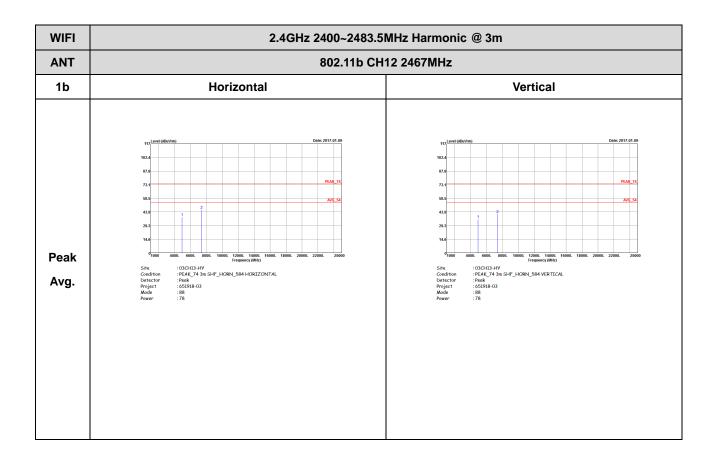
WIFI 802.11b (Harmonic @ 3m)

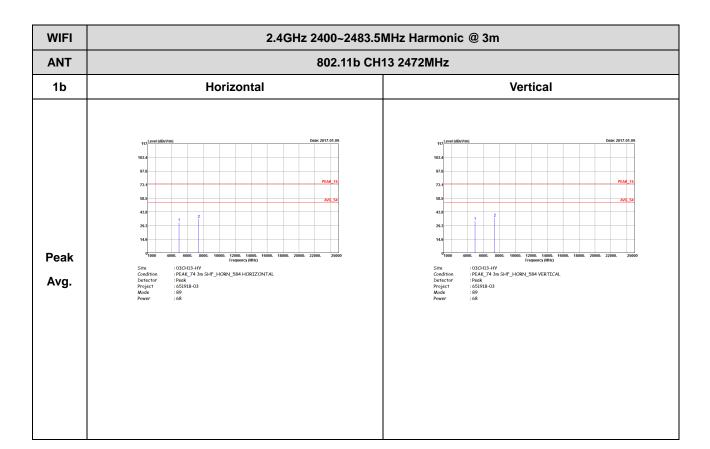


TEL: 886-3-327-3456 FAX: 886-3-328-4978



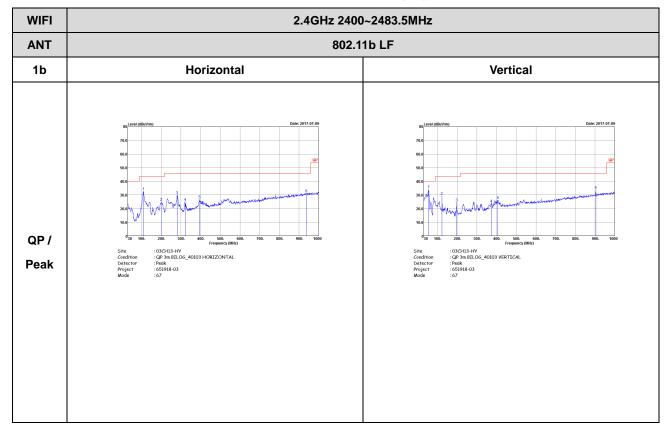






Emission below 1GHz

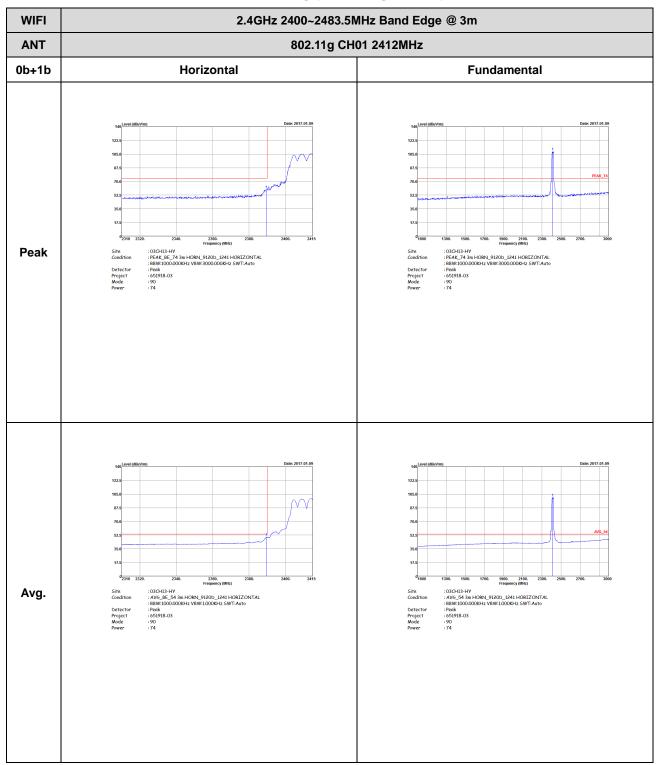
2.4GHz WIFI 802.11b (LF)



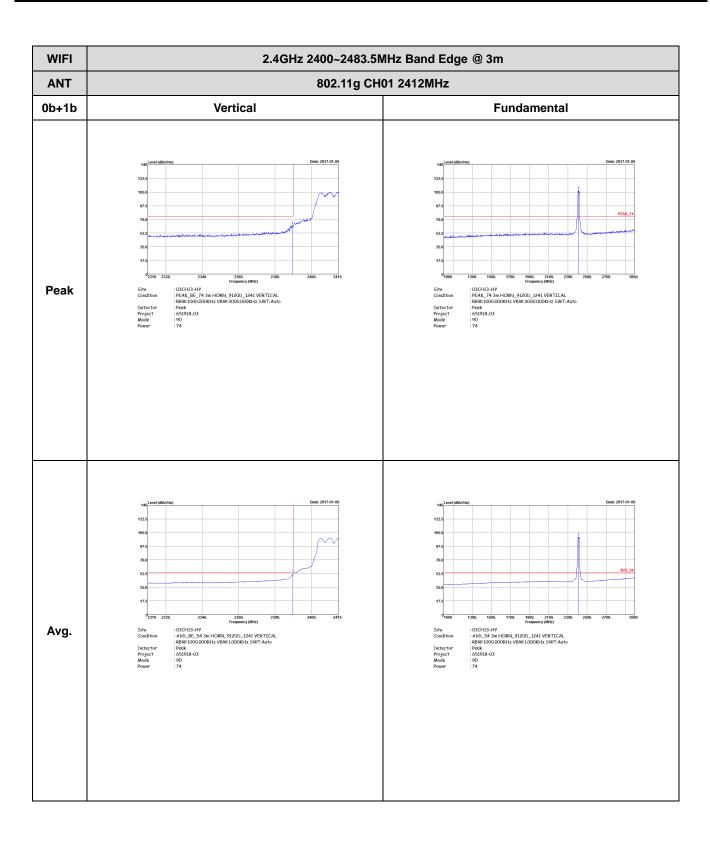
TEL: 886-3-327-3456 FAX: 886-3-328-4978

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

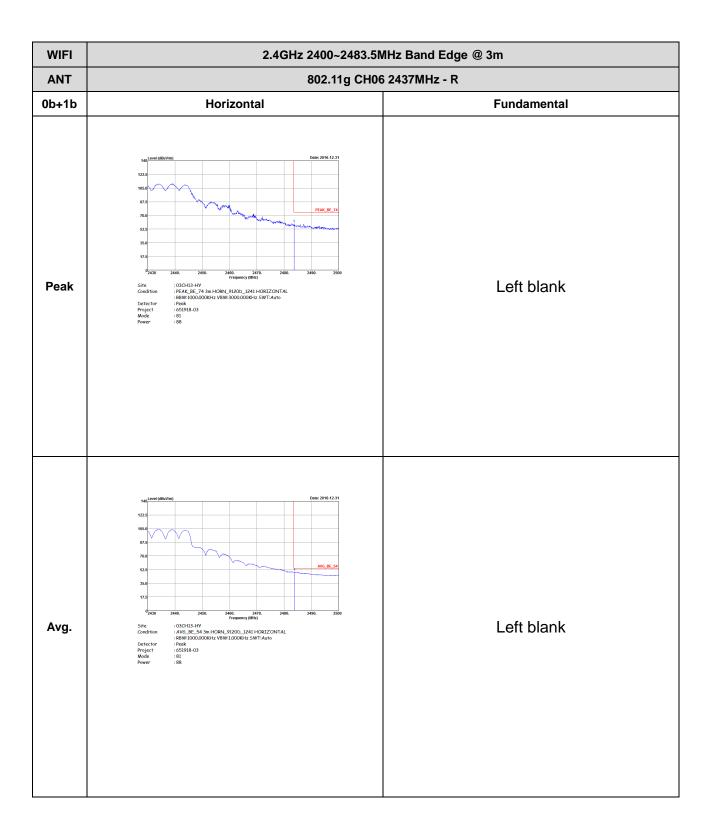


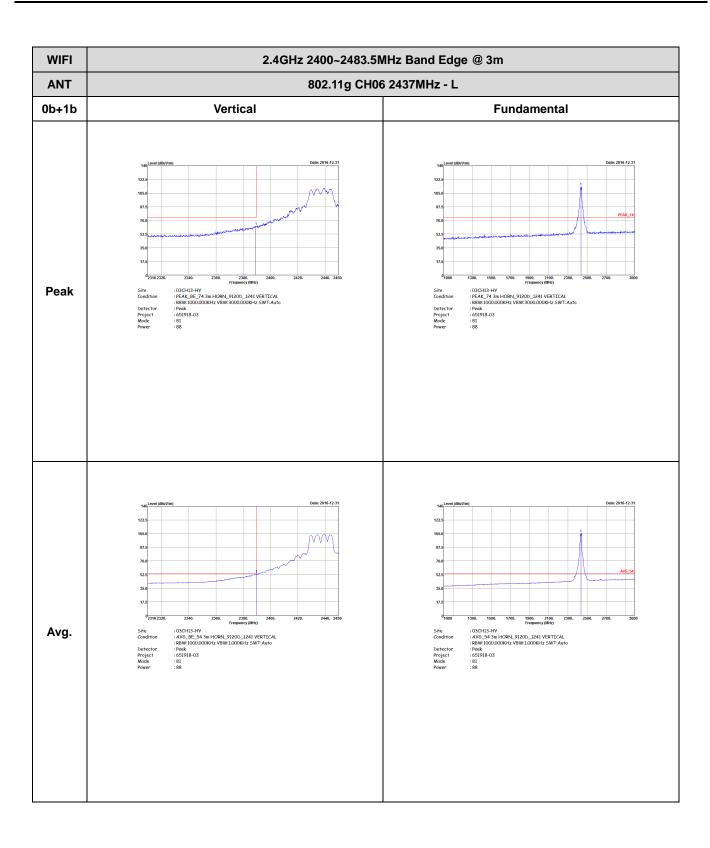
TEL: 886-3-327-3456 FAX: 886-3-328-4978



WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m **ANT** 802.11g CH06 2437MHz - L 0b+1b Horizontal **Fundamental** 7260. 2380. 2400.
Prespensy IBMT)
PERAK_BE_74 3m HORN_91200_1241 HORIZONTAL
RBWH0000000KHz VBW-3000.000KHz SWT-Autro
Peok
651918-03
818
88 Peak Frequency (MHz)
: 03CH13-HV
: AV6_54 3m HORN_9120D_1241 HORIZONTAL
: 8BW:1000,000KHz VBW:1,000KHz SWT:Auto
: Peak
: 651918-03
: 81
: 88 : 03CH13-HV requests (untr)
:AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL
:B8W:1000,000KHz VBW:1,000KHz SWT-Auto
:Peak
:051918-03
:81
:88 Avg.

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

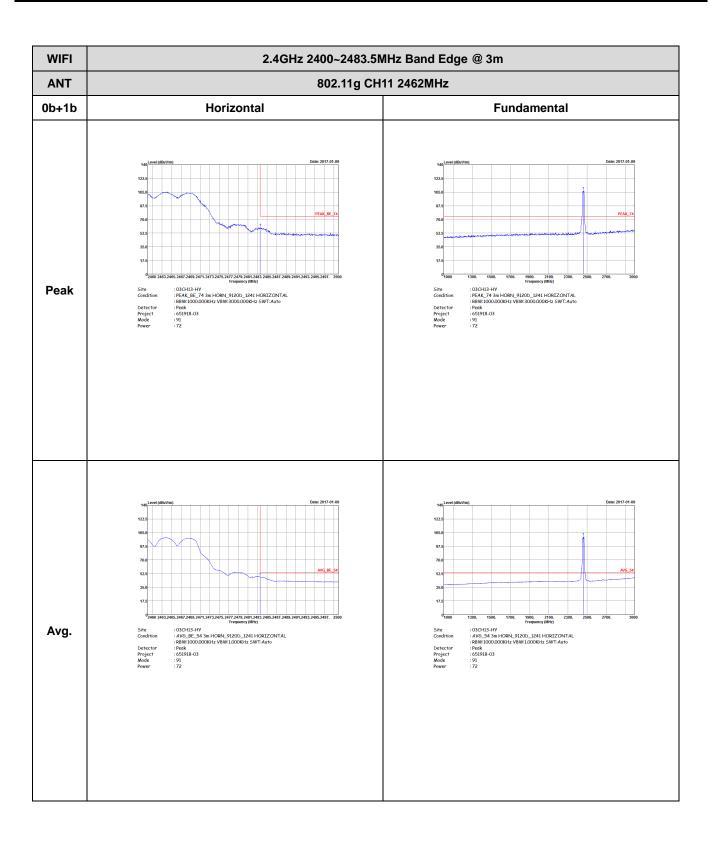


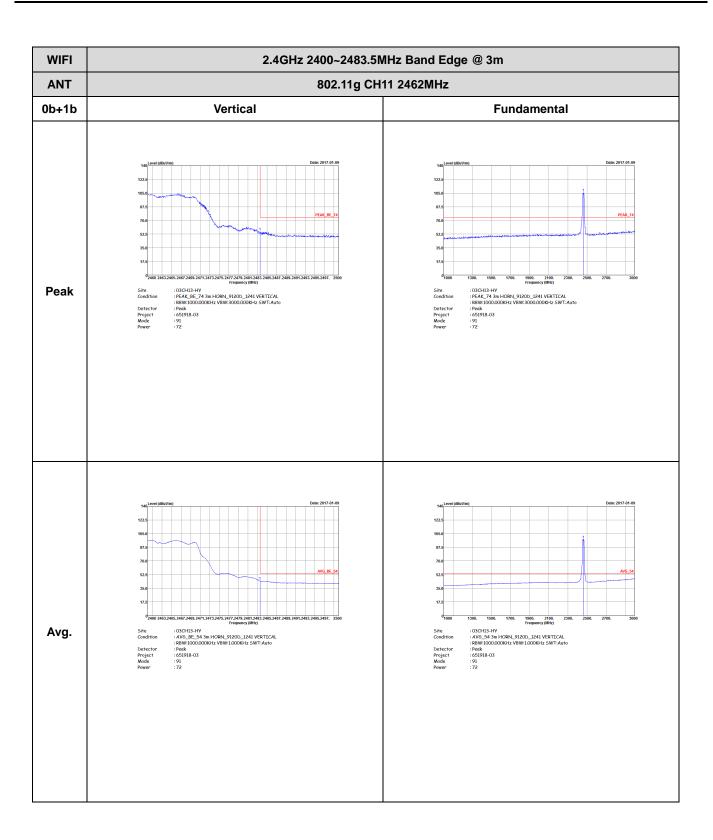


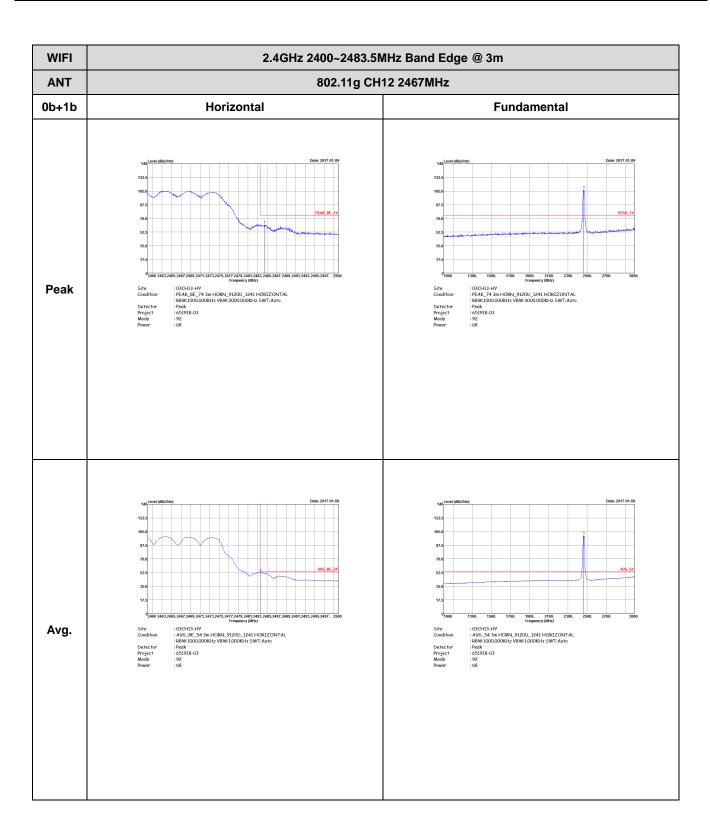
WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m **ANT** 802.11g CH06 2437MHz - R 0b+1b Vertical **Fundamental** Frequency (MHz)
: 03CH13-HV
: PEAK_BE_74 3m HORN_9120D_1241 VERTICAL
: 88W:1000.000KHz VBW:3000.000KHz SWTiAuto
: 801918-03
: 81
: 88 Left Blank Peak : 03CH13-HV : AV6_BE_54 3m HORN_9120b_1241 VERTICAL : 8BW:1000.000KHz VBW:1.000KHz SWT:Auto : Peak : 651918-03 : 81 : 88 Left Blank Avg.

SPORTON INTERNATIONAL INC.

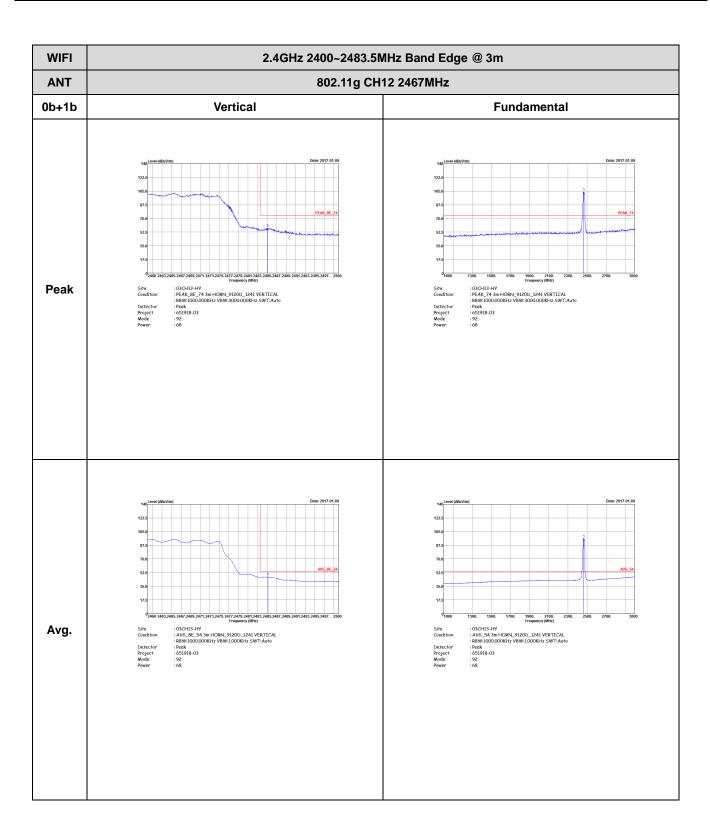
TEL: 886-3-327-3456 FAX: 886-3-328-4978





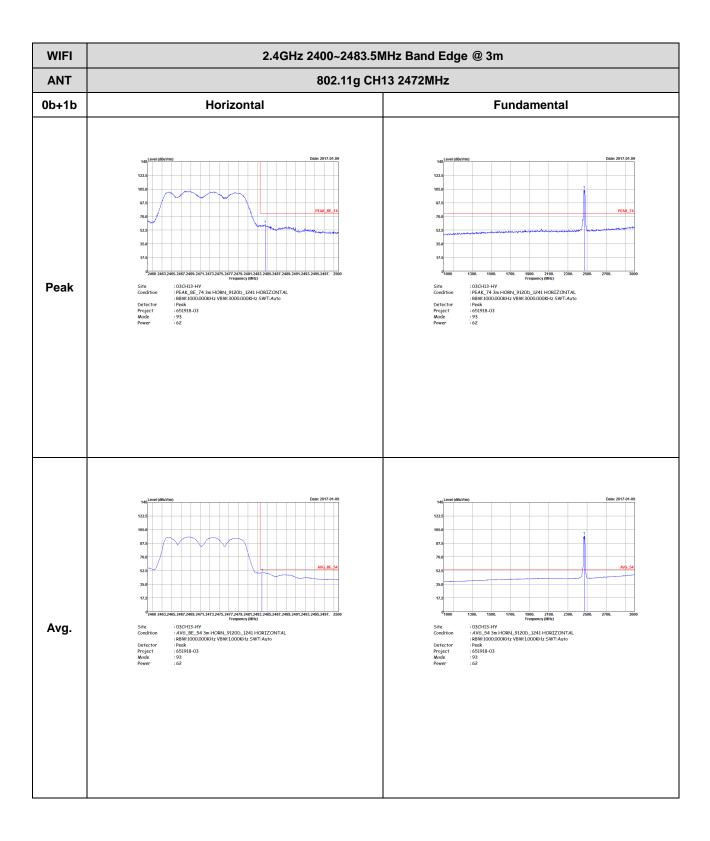


FCC RF Test Report



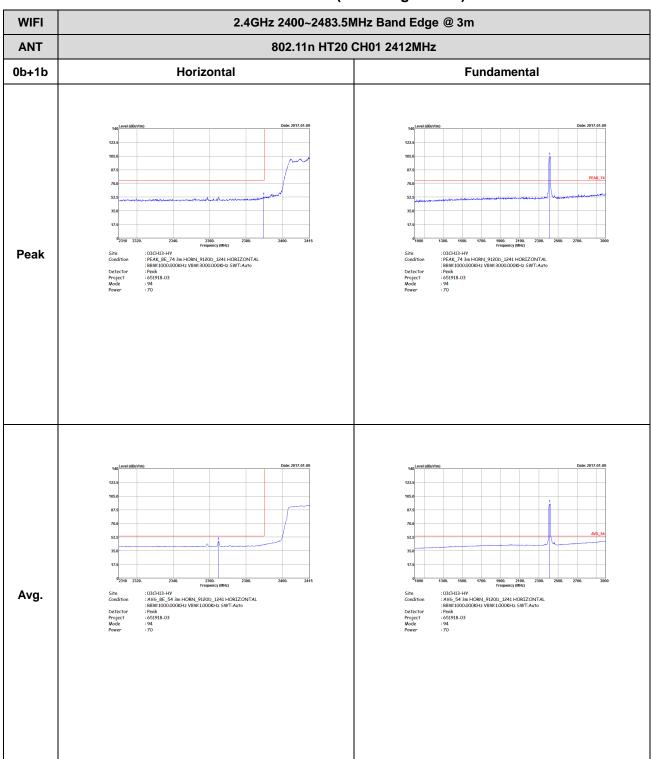
TEL: 886-3-327-3456 FAX: 886-3-328-4978



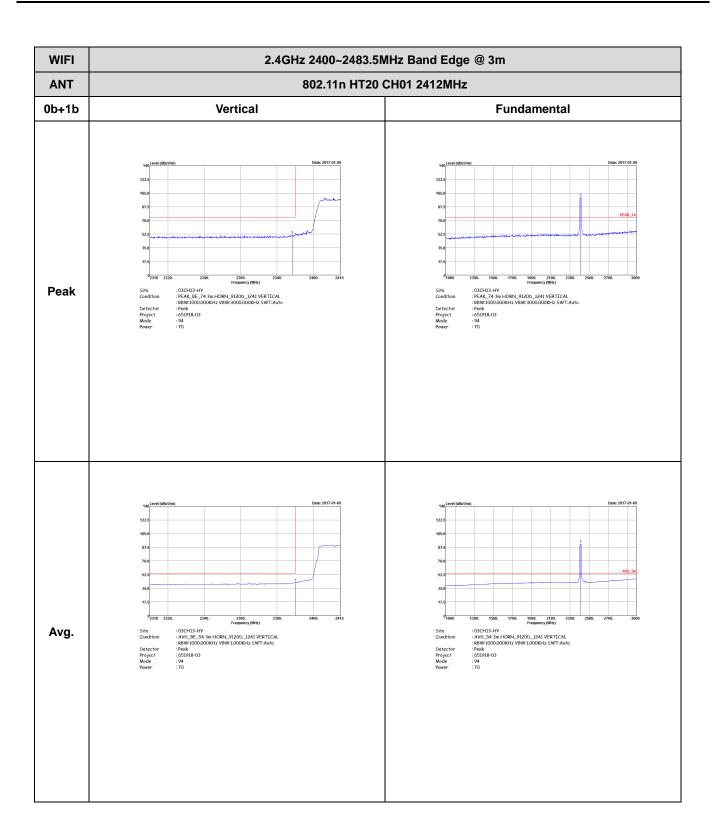


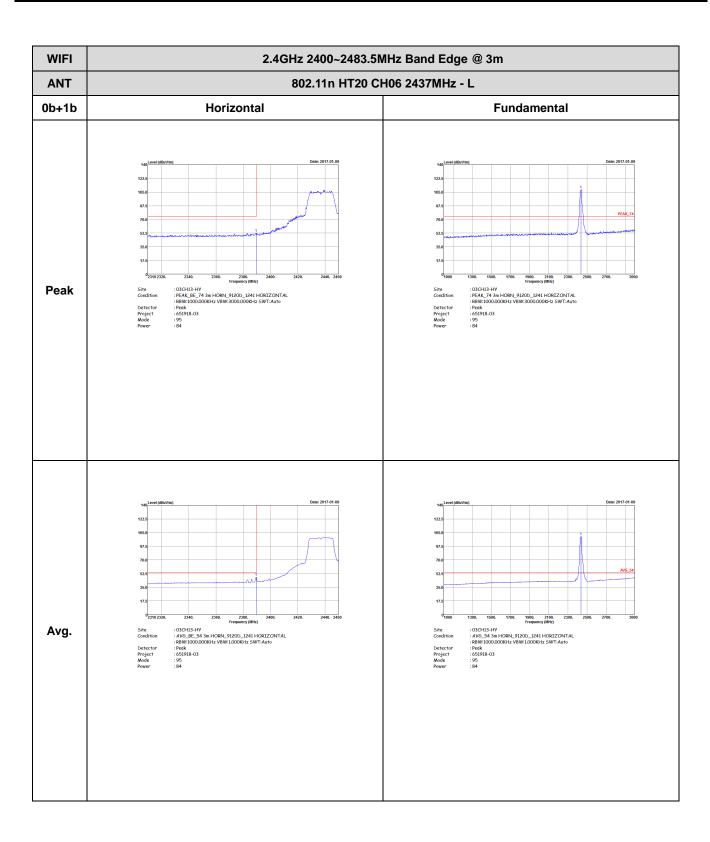
2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)



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WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m **ANT** 802.11n HT20 CH06 2437MHz - R 0b+1b Horizontal **Fundamental** COSCH13-HY Frequency (MRM) 246K Frequency (MRM) 1 1962 Frequency (MRM) 91000_1241 HORIZONTAL 188W:10000,000KHz VBW:3000,000KHz VBT:Auto 1962 Februs 1953 Februs 1954 Februs 1953 Februs 19 Peak Left blank

Report No.: FR651918-03B

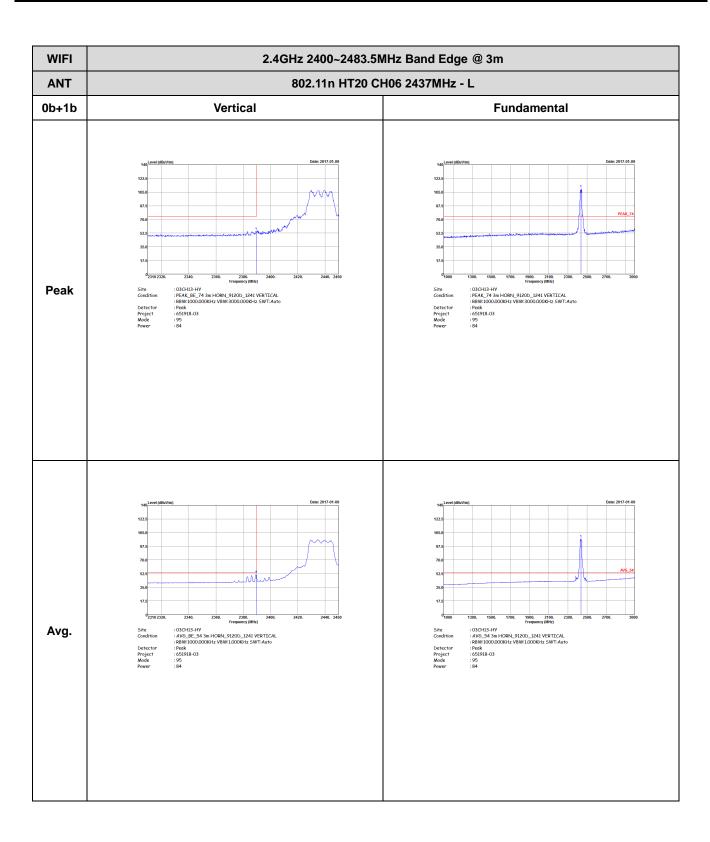
Left blank

SPORTON INTERNATIONAL INC. Page Number : C8-15 of 34

: 03CH13-HV requests (untr)
:AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL
:B8W:1000,000KHz VBW:1,000KHz SWT-Auto
:Peak
:051918-03
:95
:84

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

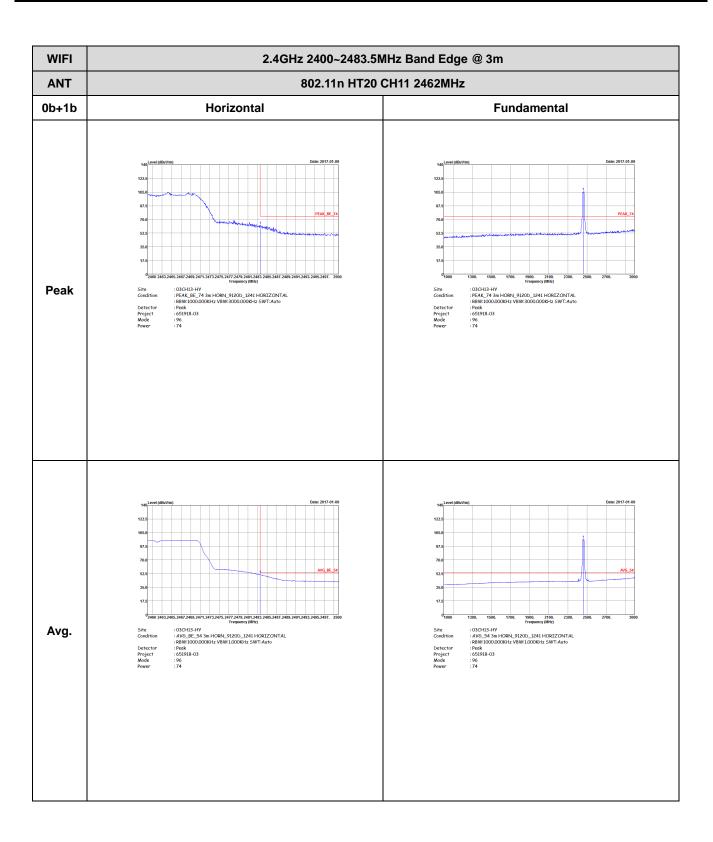
Avg.



WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m **ANT** 802.11n HT20 CH06 2437MHz - R 0b+1b Vertical **Fundamental** Frequency (MHz)
: 03CH13-HV
: PEAK_BE_74 3m HORN_9120D_1241 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
: 651918-03
: 95
: 84 Left Blank Peak : 03CH13-HV : AV6_BE_54 3m HORN_9120b_1241 VERTICAL : 8BW:1000,000KHz VBW:1,000KHz SWT:Auto : Peak : 651918-03 : 95 : 84 Left Blank Avg.

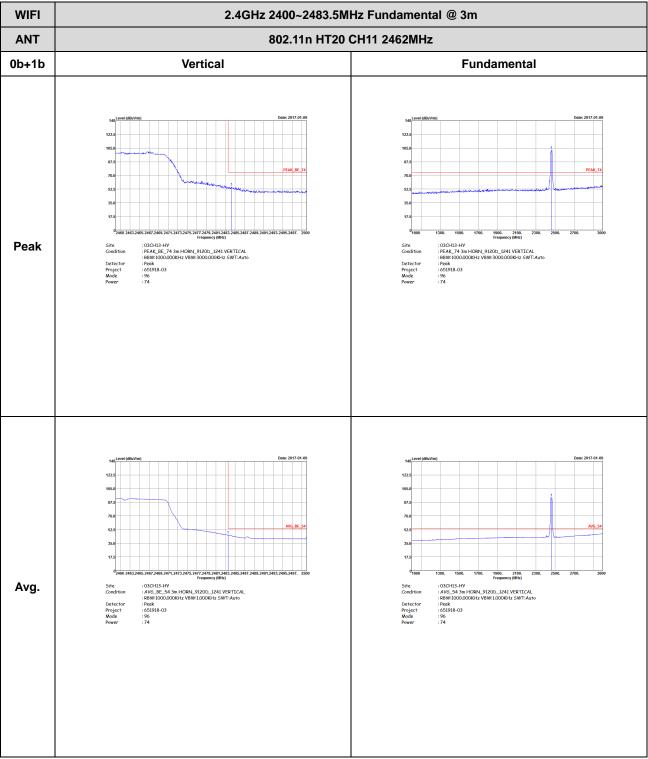
TEL: 886-3-327-3456 FAX: 886-3-328-4978

FCC RF Test Report

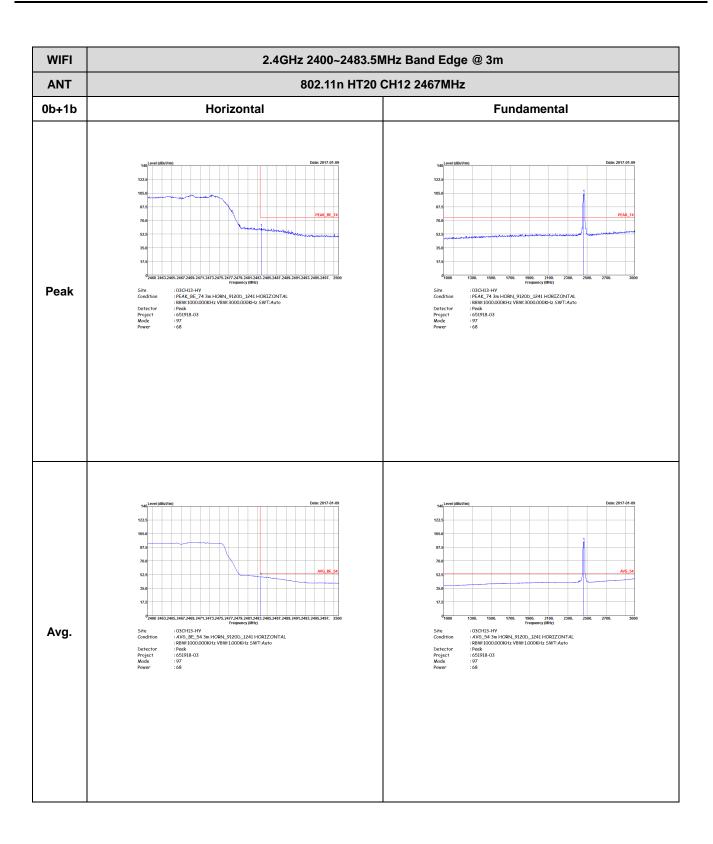


TEL: 886-3-327-3456 FAX: 886-3-328-4978

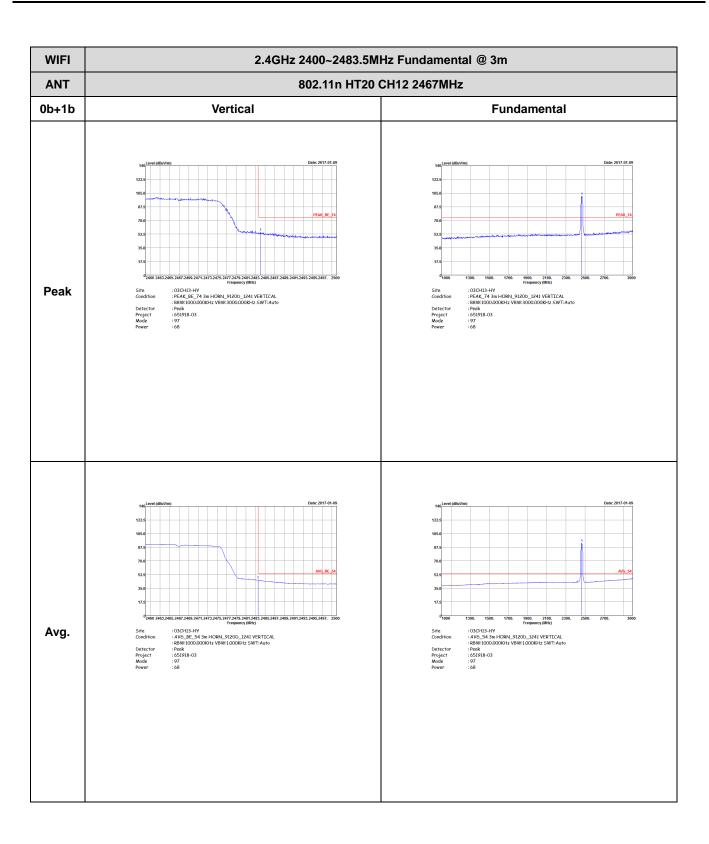
FCC RF Test Report Report No.: FR651918-03B 2.4GHz 2400~2483.5MHz Fundamental @ 3m



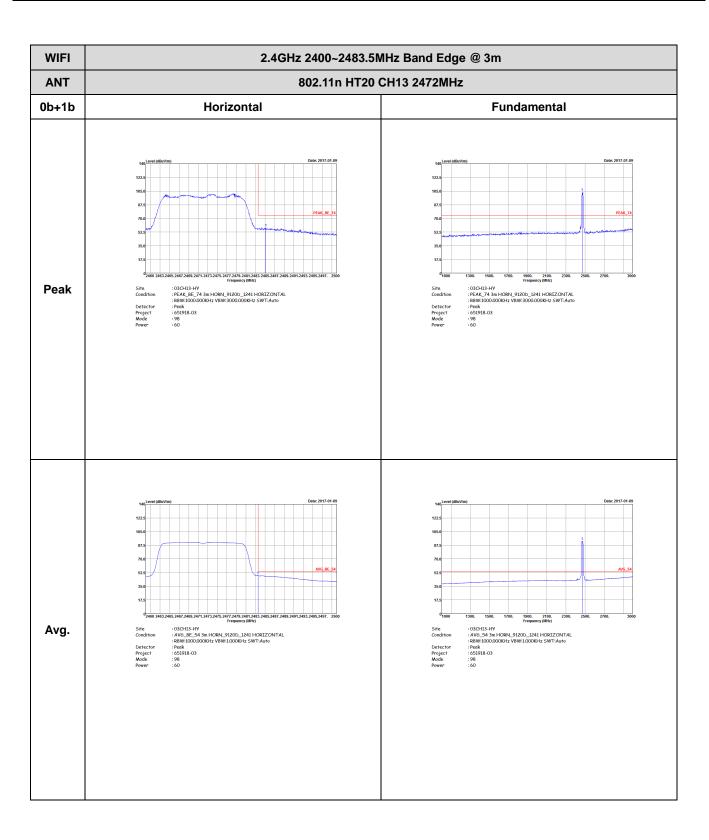
FCC RF Test Report



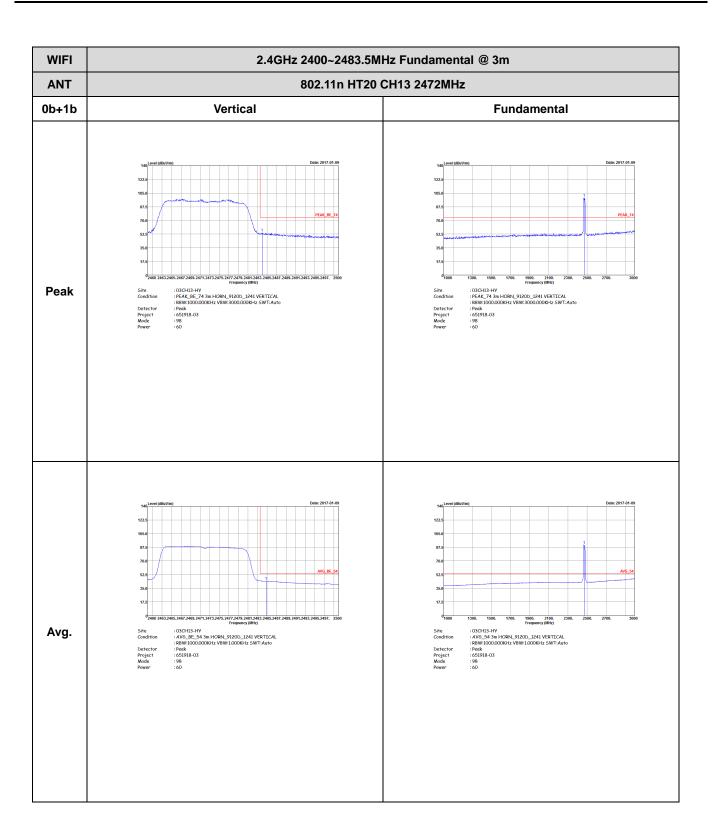
TEL: 886-3-327-3456 FAX: 886-3-328-4978



FCC RF Test Report

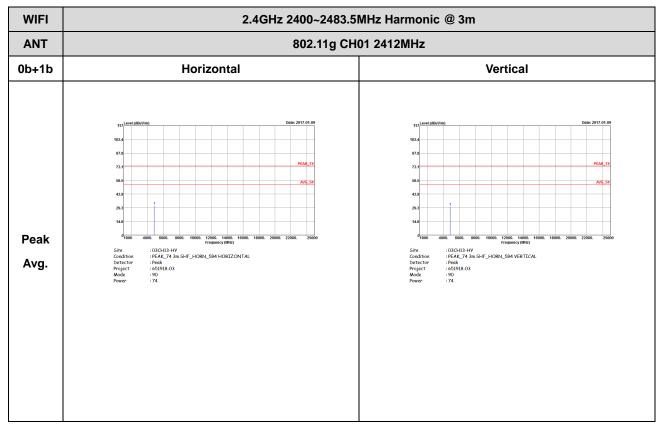


TEL: 886-3-327-3456 FAX: 886-3-328-4978

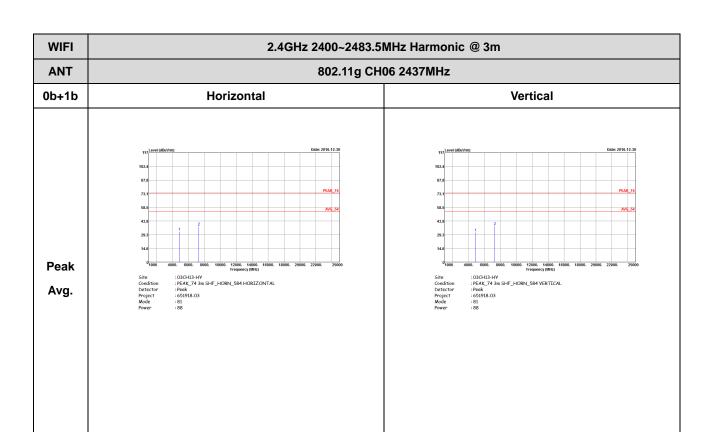


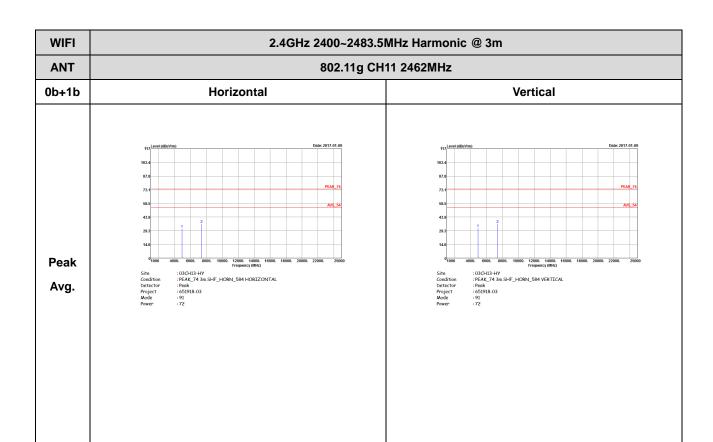
2.4GHz 2400~2483.5MHz

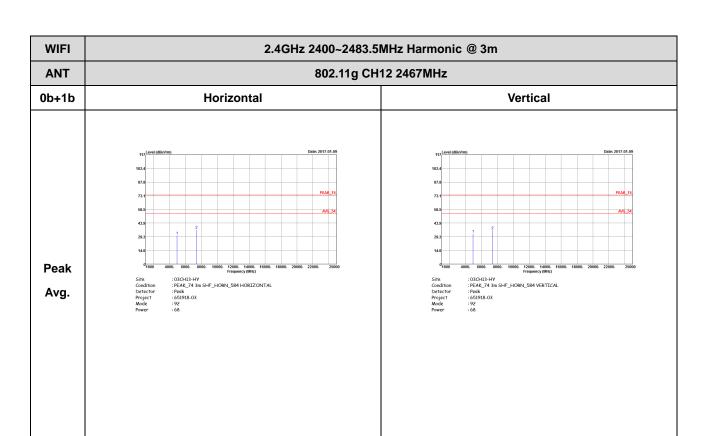
WIFI 802.11g (Harmonic @ 3m)

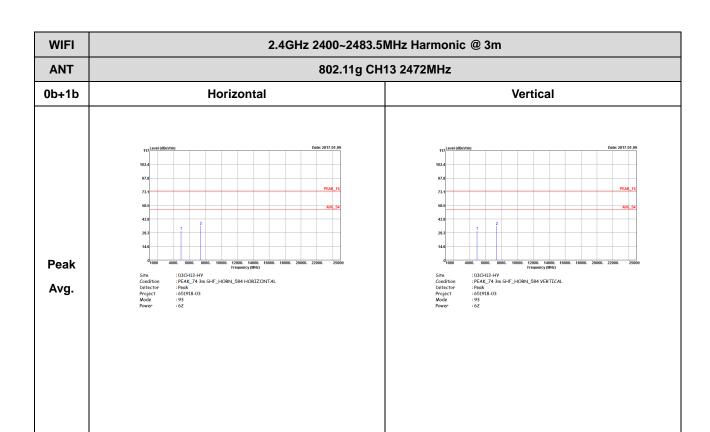


TEL: 886-3-327-3456 FAX: 886-3-328-4978



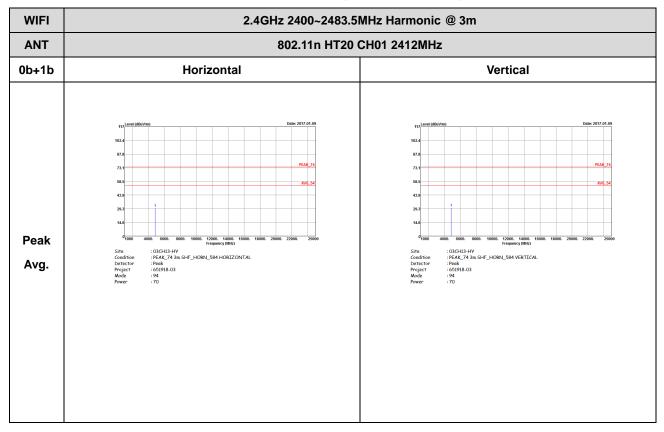




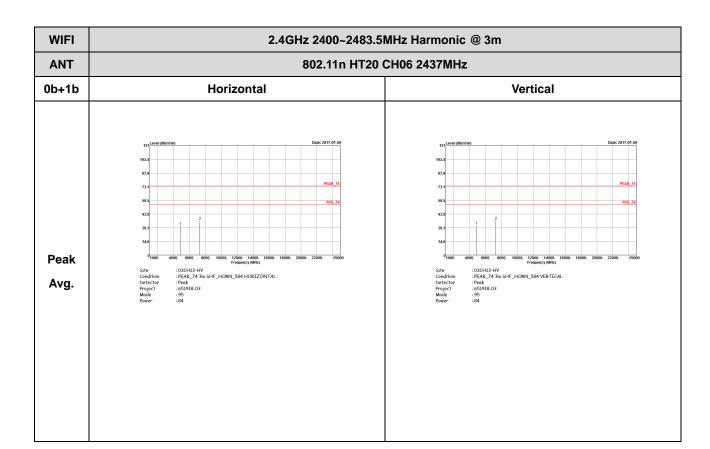


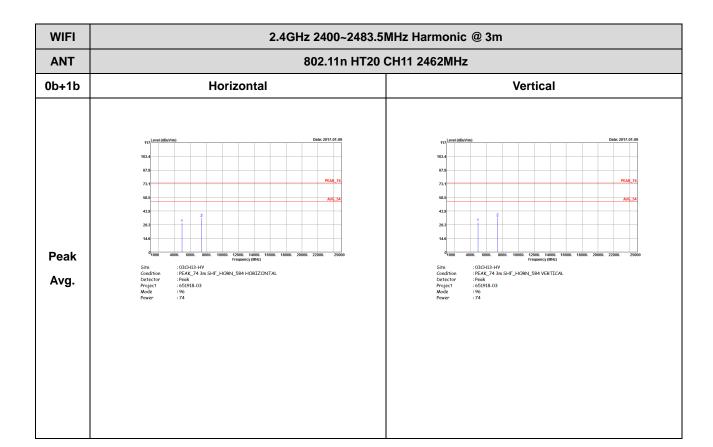
2.4GHz 2400~2483.5MHz

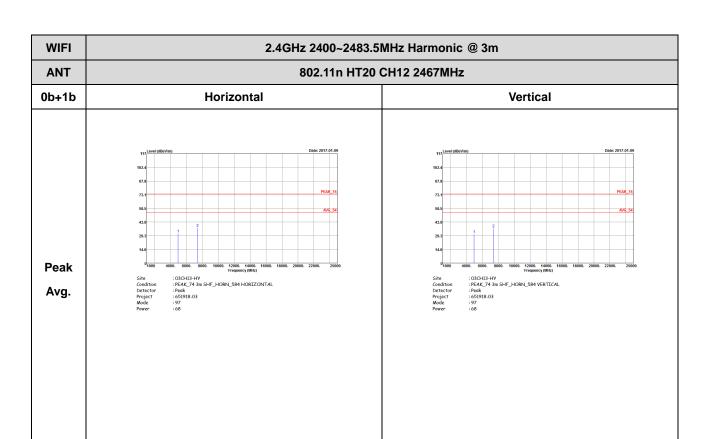
WIFI 802.11n HT20 (Harmonic @ 3m)

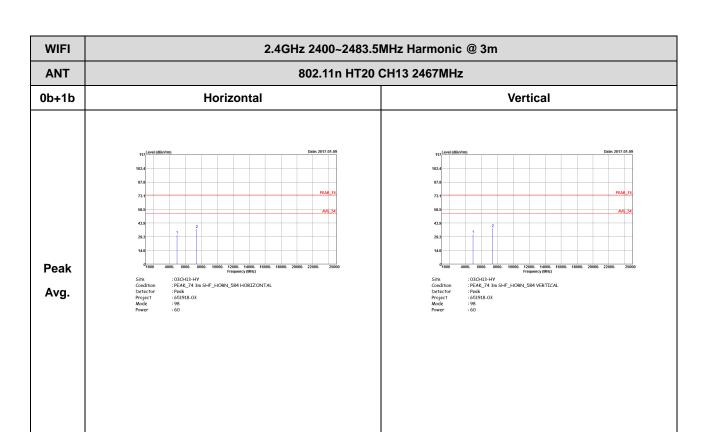


TEL: 886-3-327-3456 FAX: 886-3-328-4978



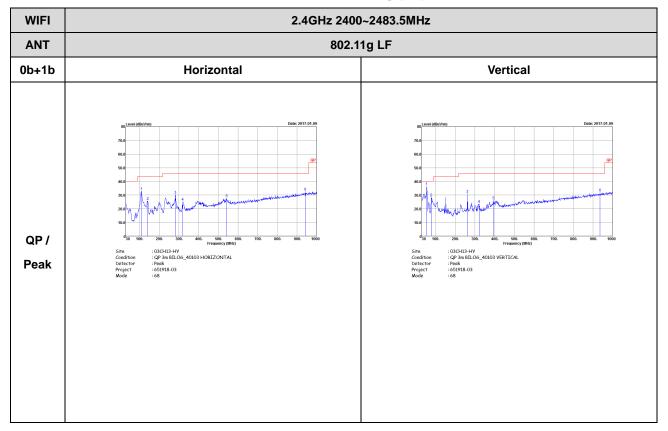






Emission below 1GHz

2.4GHz WIFI 802.11g (LF)



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

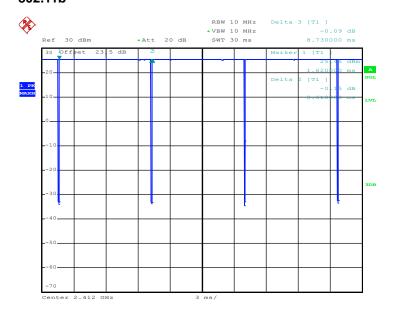


Appendix D. Duty Cycle Plots

<Ant. 0a & MIMO Ant. 0a+1a>

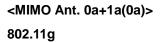
Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
0a	802.11b	98.625	-	-	10Hz
MIMO 0a+1a	802.11g for Ant. 0a	92.857	1430	0.70	1kHz
MIMO 0a+1a	2.4GHz 802.11n HT20 for Ant. 0a	92.414	1340	0.75	1kHz
MIMO 0a+1a	802.11g for Ant. 1a	92.857	1430	0.70	1kHz
MIMO 0a+1a	2.4GHz 802.11n HT20 for Ant. 1a	92.414	1340	0.75	1kHz

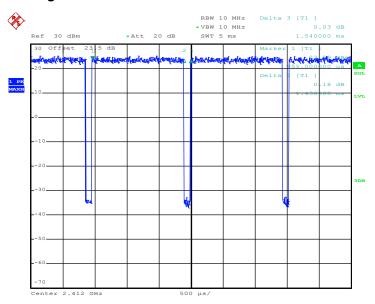




Date: 19.DEC.2016 16:45:28

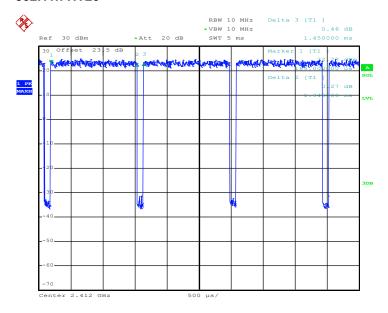






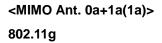
Date: 19.DEC.2016 17:14:49

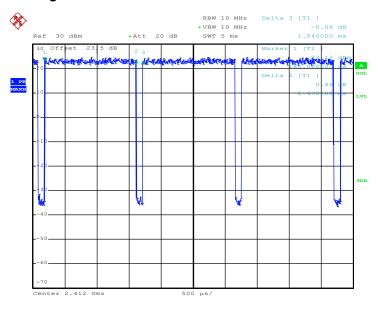
802.11n HT20



Date: 19.DEC.2016 17:36:55

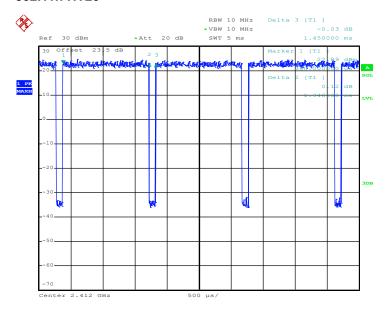






Date: 19.DEC.2016 17:16:51

802.11n HT20



Date: 19.DEC.2016 17:33:13

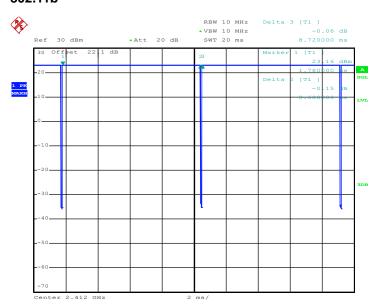


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<Ant. 0b & MIMO Ant. 0b+1b>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
0b	802.11b	98.625	ı	1	10Hz
MIMO 0b+1b	802.11g for Ant. 0b	92.21	1420	0.70	1kHz
MIMO 0b+1b	2.4GHz 802.11n HT20 for Ant. 0b	92.67	1320	0.76	1kHz
MIMO 0b+1b	802.11g for Ant. 1b	92.21	1420	0.70	1kHz
MIMO 0b+1b	2.4GHz 802.11n HT20 for Ant. 1b	92.67	1320	0.76	1kHz

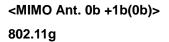
<Ant. 0b> 802.11b

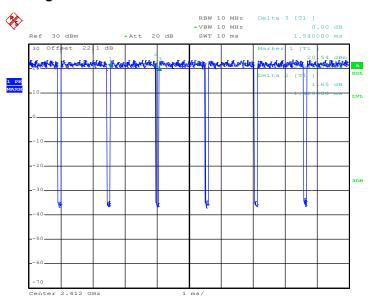


Date: 19.DEC.2016 21:51:19

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

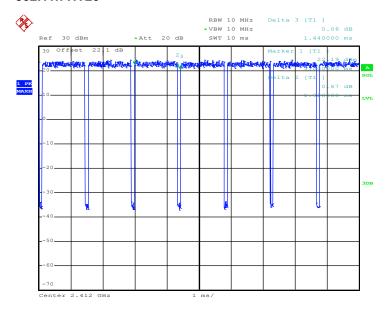






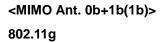
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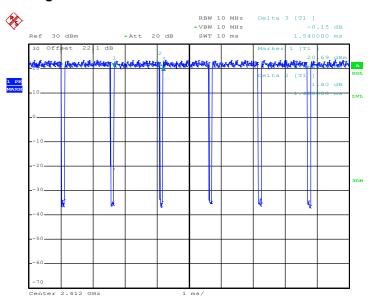
802.11n HT20



Date: 19.DEC.2016 22:23:22

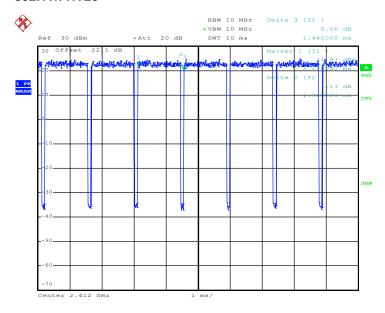






Date: 19.DEC.2016 22:05:42

802.11n HT20



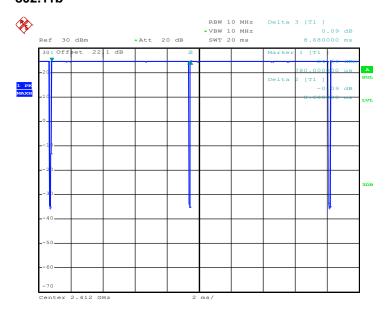
Date: 19.DEC.2016 22:22:22



<Ant. 1a & MIMO Ant. 0b+1a>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1a	802.11b	99.08	-	-	10Hz
MIMO 0b+1a	802.11g for Ant. 0b	92.21	1420	0.70	1kHz
MIMO 0b+1a	2.4GHz 802.11n HT20 for Ant. 0b	91.78	1340	0.75	1kHz
MIMO 0b+1a	802.11g for Ant. 1a	92.21	1420	0.70	1kHz
MIMO 0b+1a	2.4GHz 802.11n HT20 for Ant. 1a	93.01	1330	0.75	1kHz

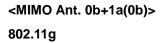
<Ant. 1a> 802.11b

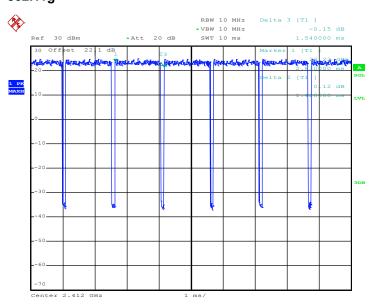


Date: 19.DEC.2016 23:39:10

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

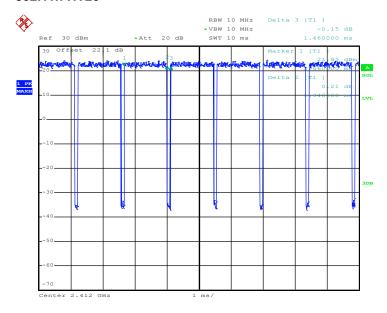






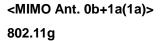
Date: 19.DEC.2016 23:45:05

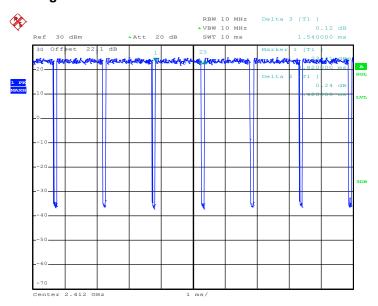
802.11n HT20



Date: 19.DEC.2016 23:52:43

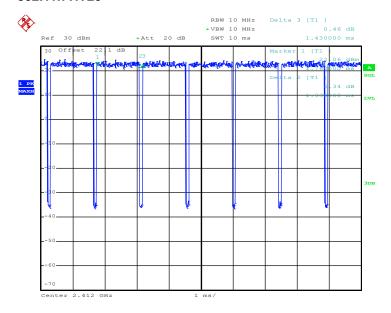






Date: 19.DEC.2016 23:44:22

802.11n HT20



Date: 19.DEC.2016 23:52:11

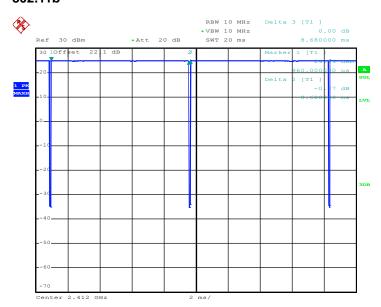


FCC RF Test Report

<Ant. 1b & MIMO Ant. 0a+1b>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1b	802.11b	99.08	-	-	10Hz
MIMO 0a+1b	802.11g for Ant. 0a	93.42	1420	0.70	1kHz
MIMO 0a+1b	2.4GHz 802.11n HT20 for Ant. 0a	93.06	1340	0.75	1kHz
MIMO 0a+1b	802.11g for Ant. 1b	93.42	1420	0.70	1kHz
MIMO 0a+1b	2.4GHz 802.11n HT20 for Ant. 1b	91.78	1340	0.75	1kHz

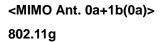
<Ant. 1b> 802.11b

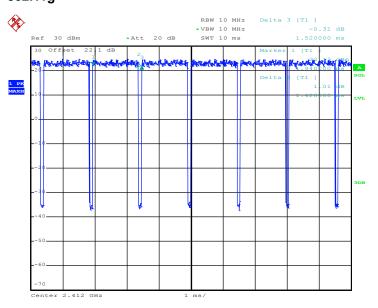


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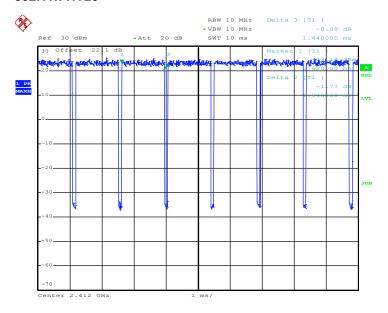






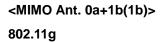
Date: 19.DEC.2016 22:57:00

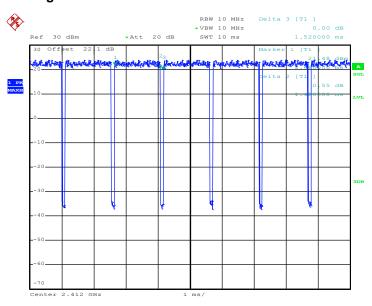
802.11n HT20



Date: 19.DEC.2016 23:16:43

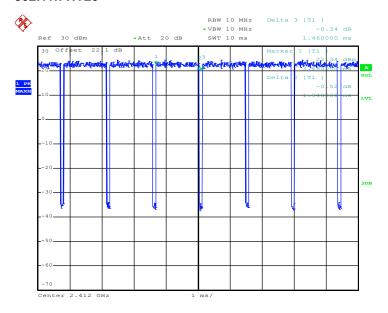






Date: 19.DEC.2016 22:53:57

802.11n HT20



Date: 19.DEC.2016 23:18:13