Appendix C. Radiated Spurious Emission Plots

| Test Engineer : | Karl Hou, Nick Yu, and Peter Chiu | Temperature : | 22~25°C |
|-----------------|-----------------------------------|---------------------|---------|
| | | Relative Humidity : | 54~46% |

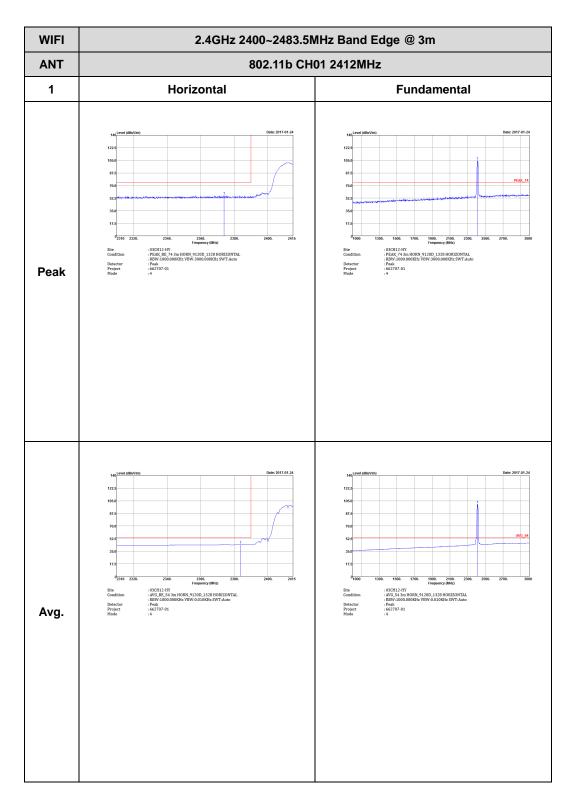
Note symbol

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

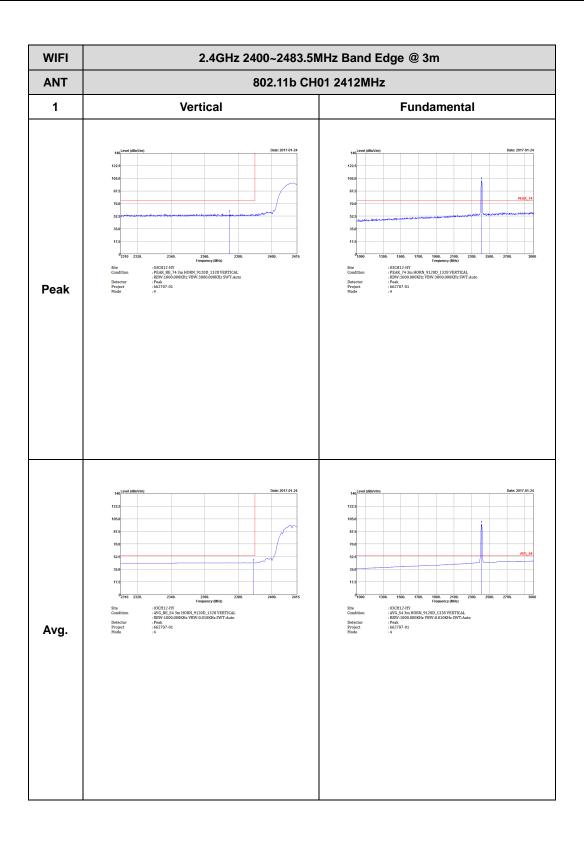
SPORTON INTERNATIONAL INC.

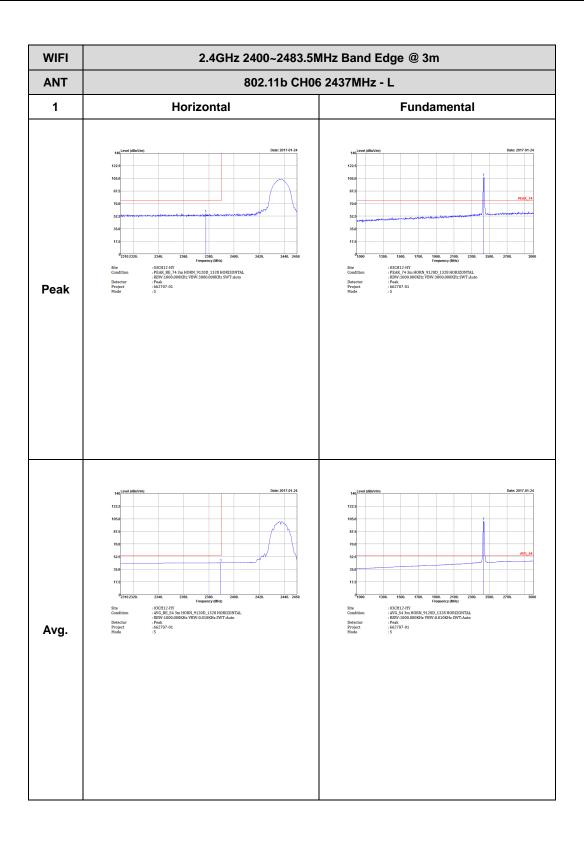
TEL: 886-3-327-3456 FAX: 886-3-328-4978

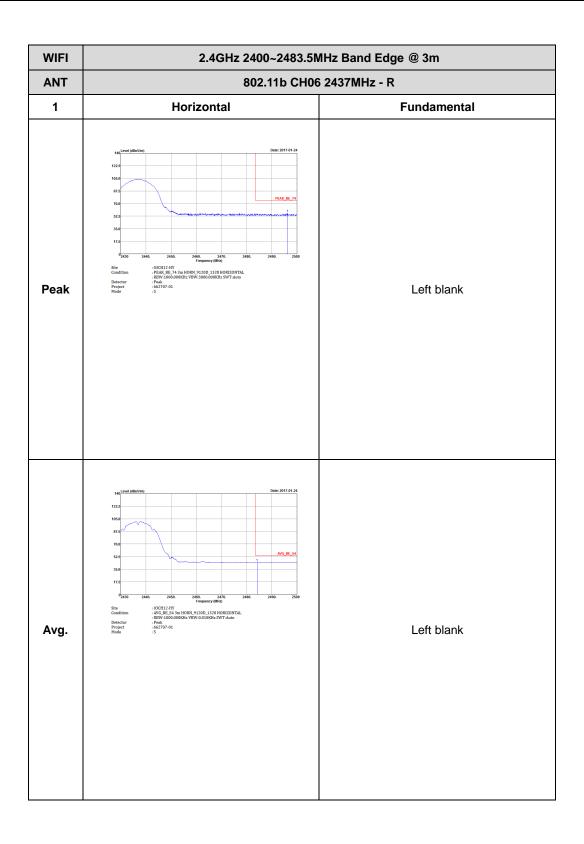
<EUT with Ant. 1> 2.4GHz 2400~2483.5MHz WIFI 802.11b (Band Edge @ 3m)

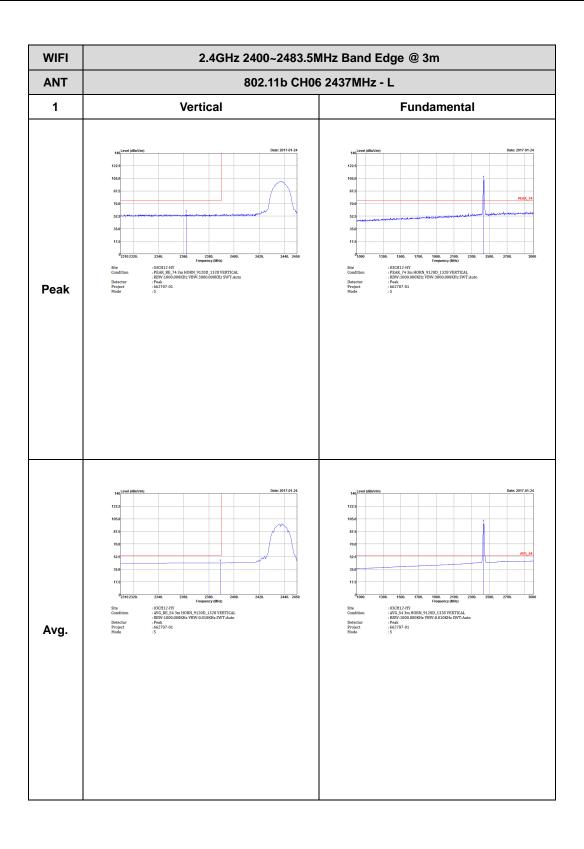


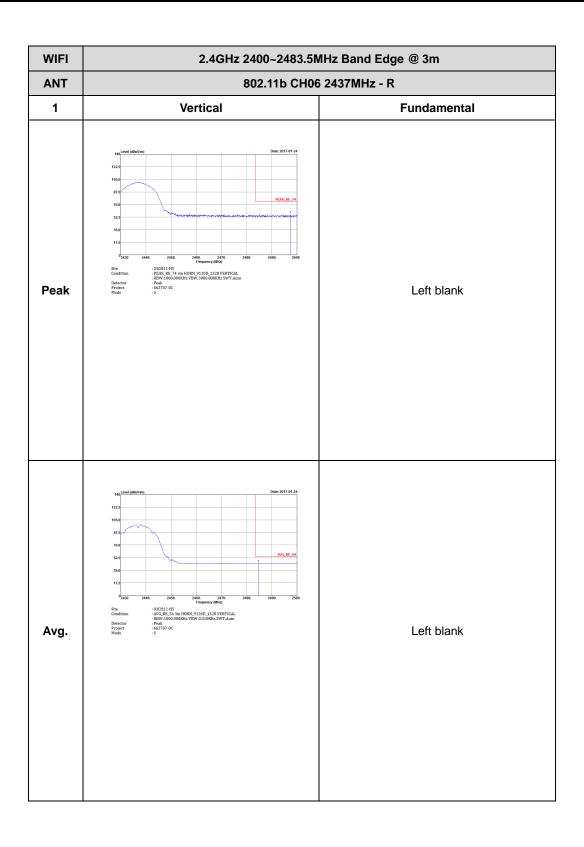
TEL: 886-3-327-3456 FAX: 886-3-328-4978

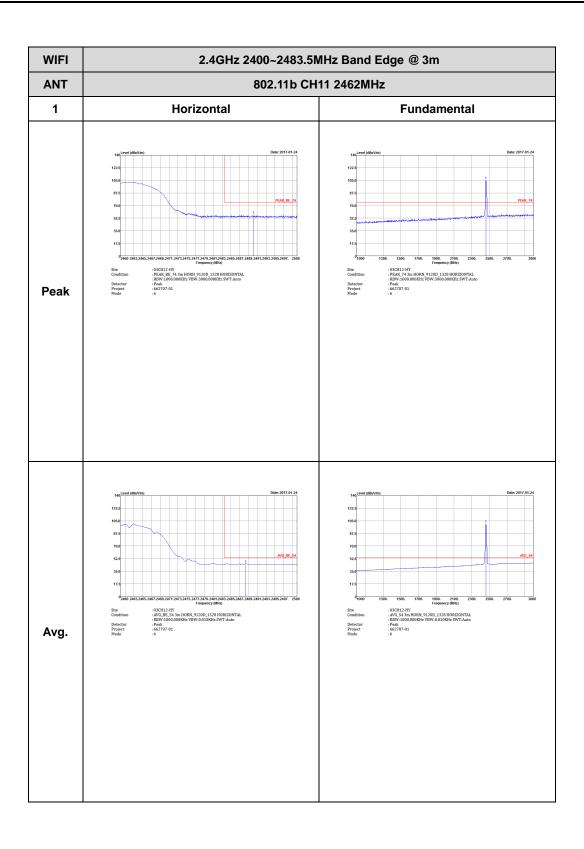


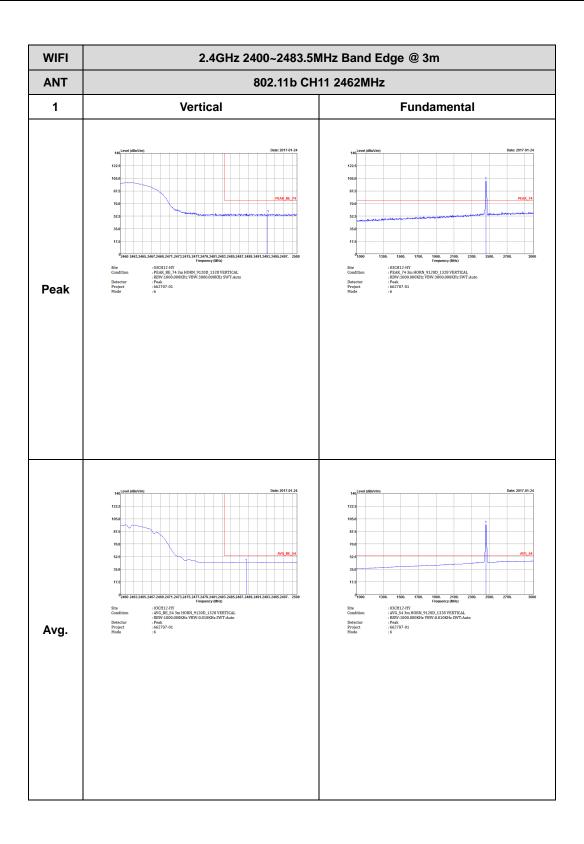


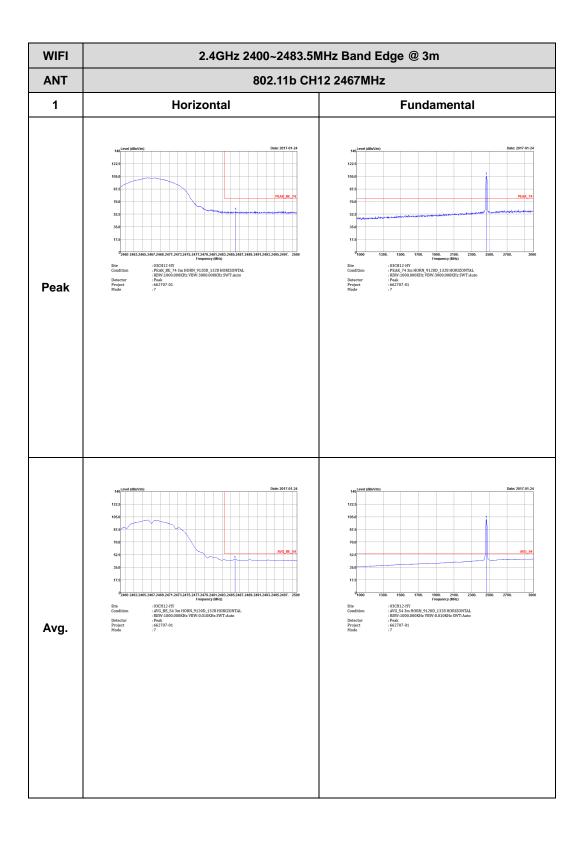


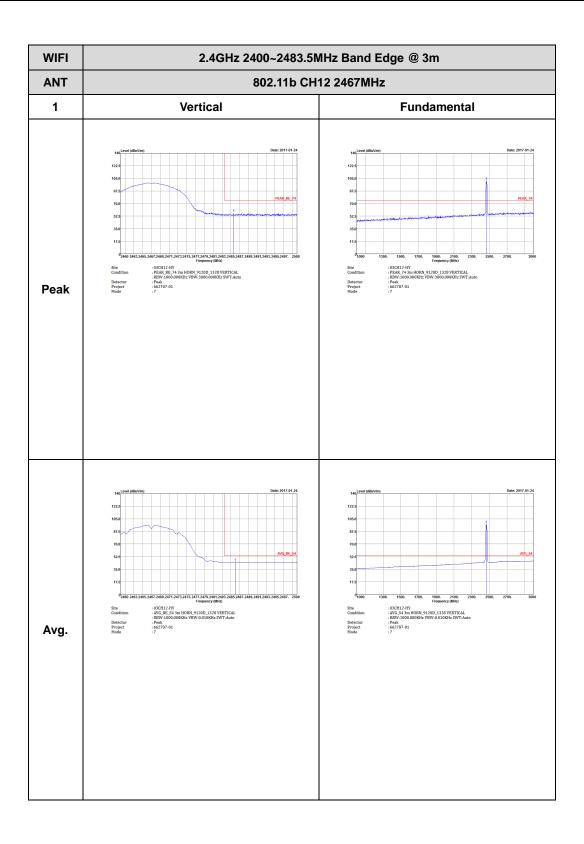


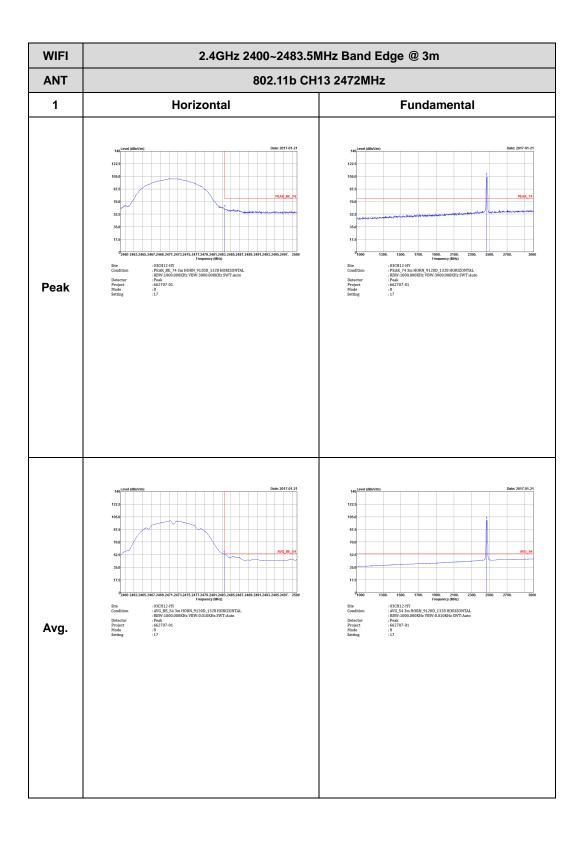


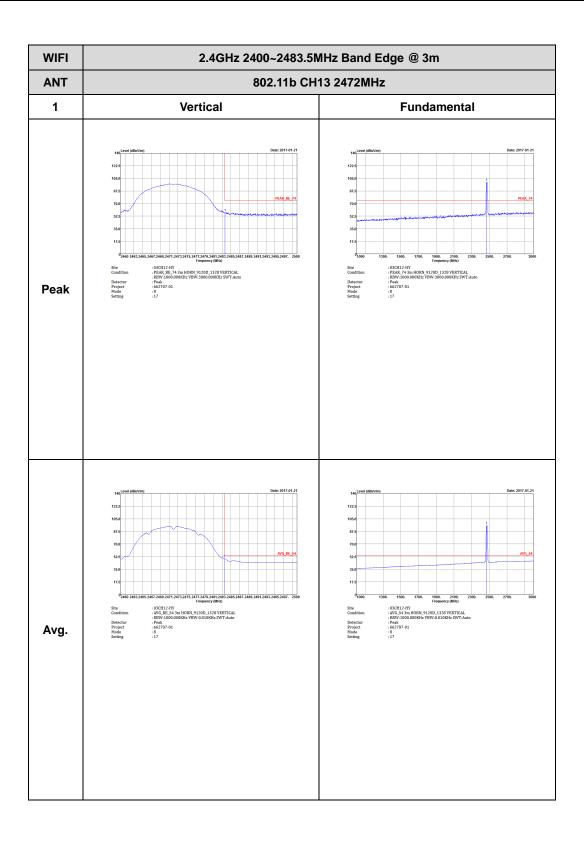






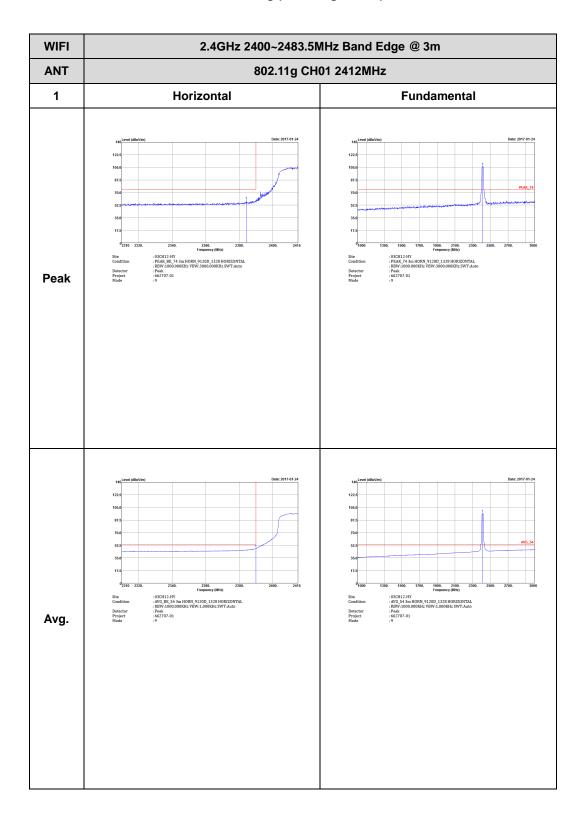




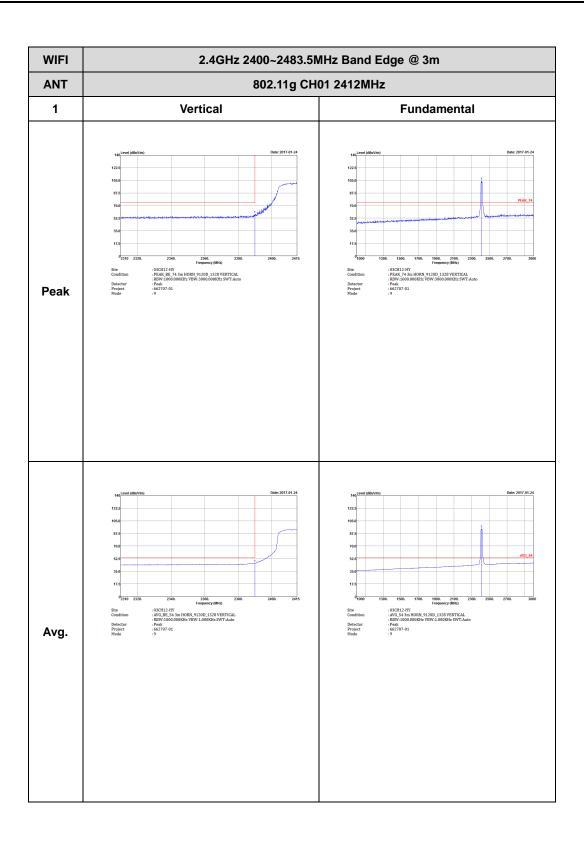


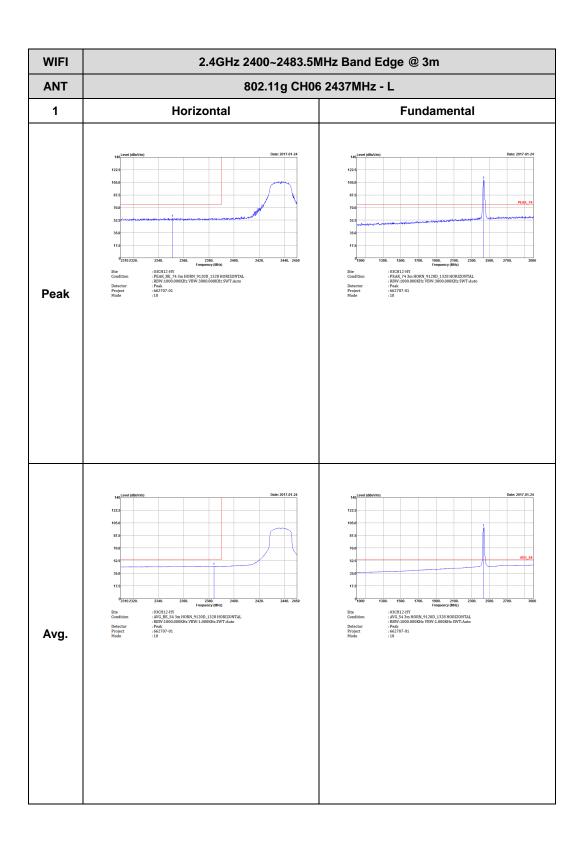
2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)



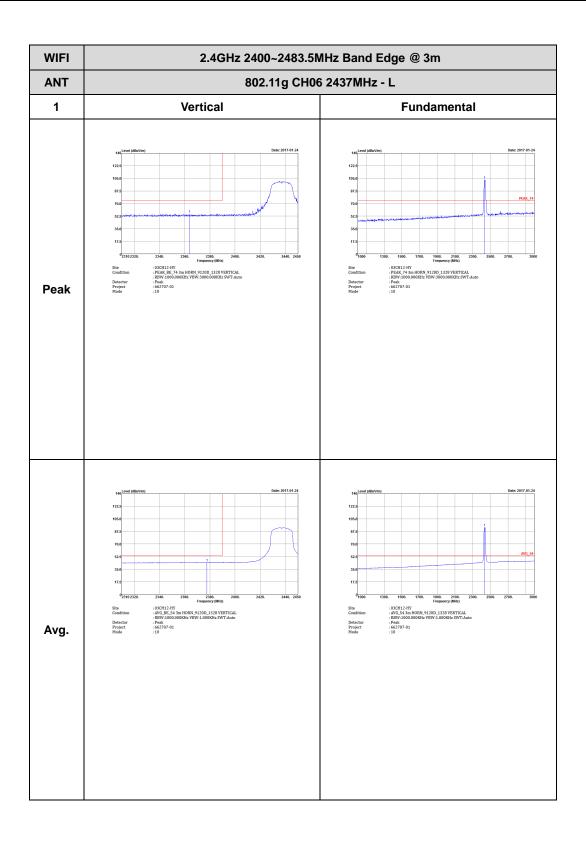
TEL: 886-3-327-3456 FAX: 886-3-328-4978

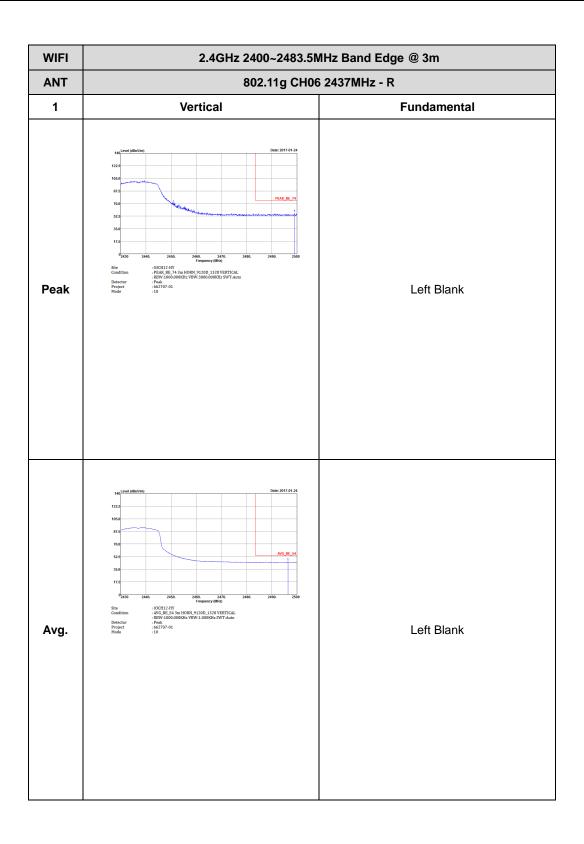


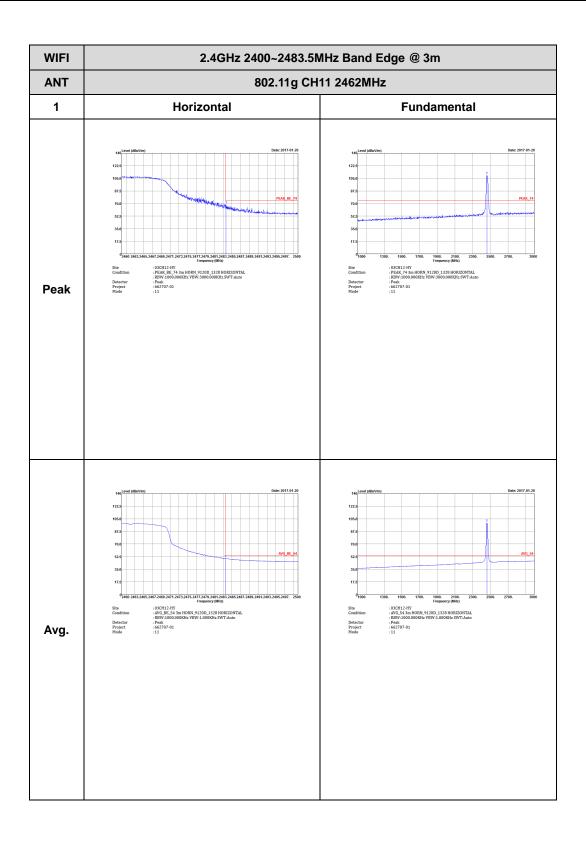


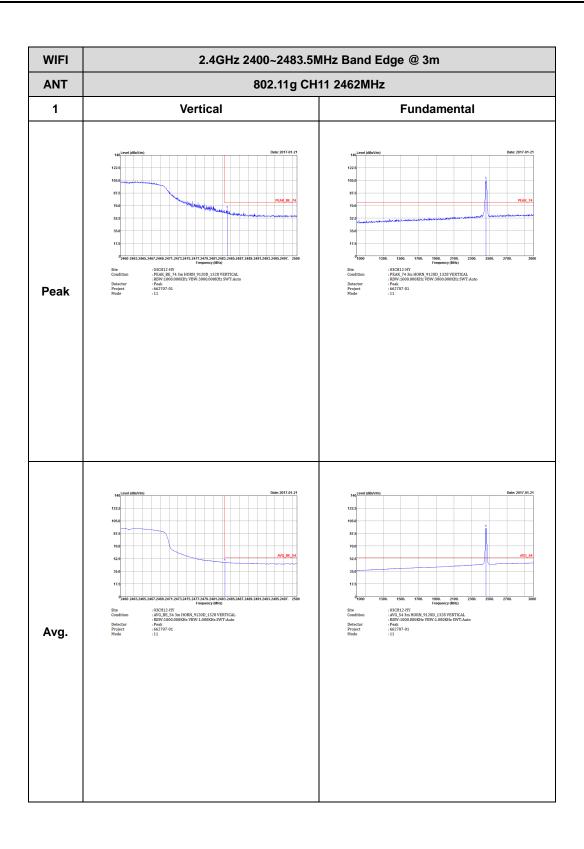
WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m ANT 802.11g CH06 2437MHz - R 1 Horizontal **Fundamental** Peak Left blank Left blank Avg.

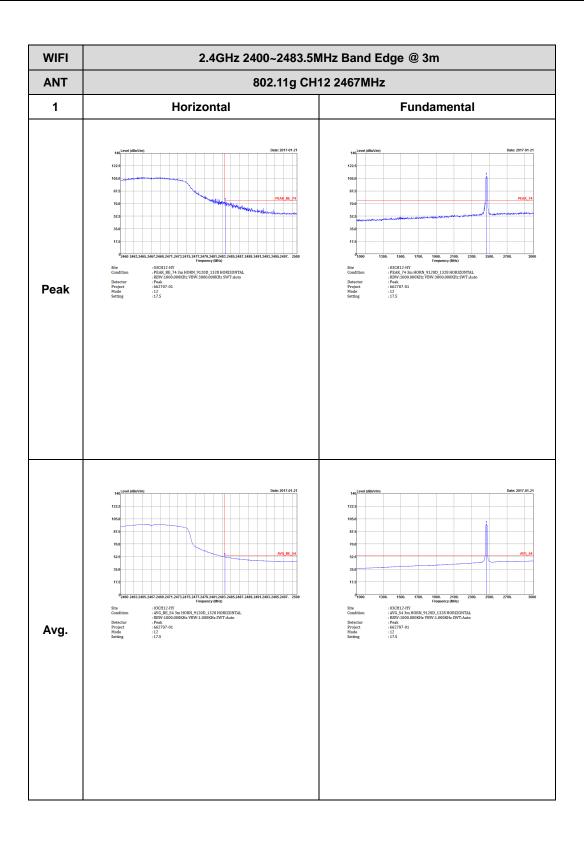
TEL: 886-3-327-3456 FAX: 886-3-328-4978

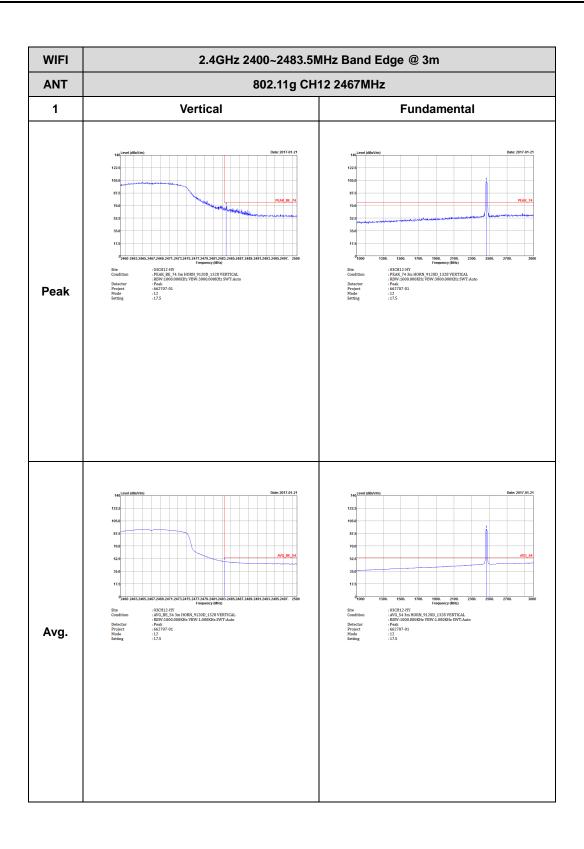


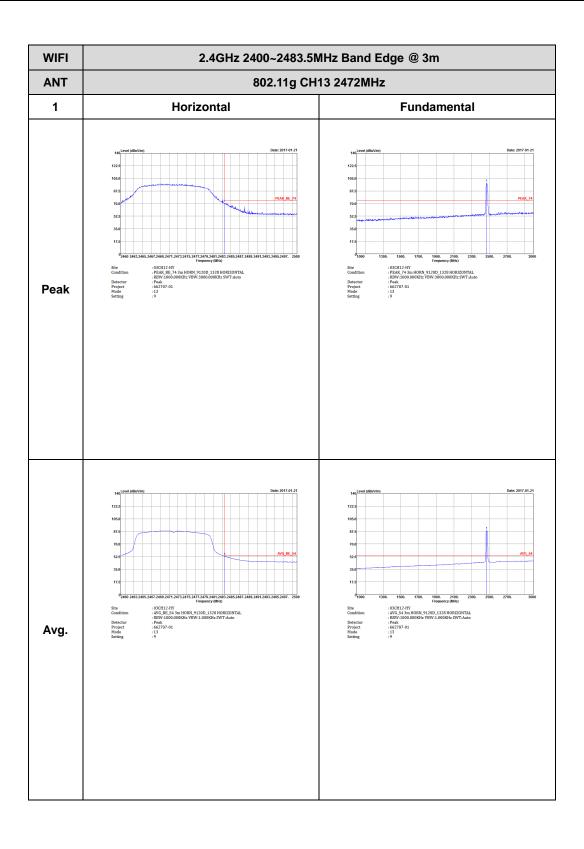


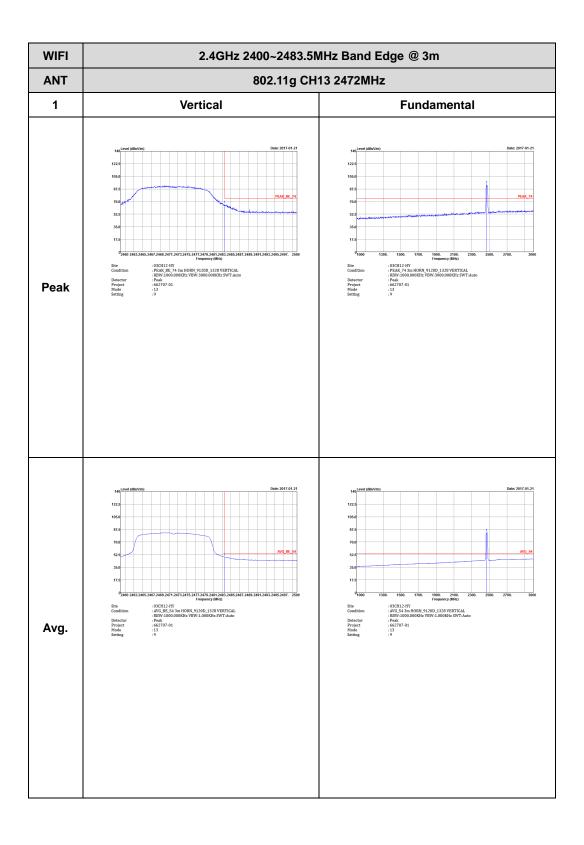






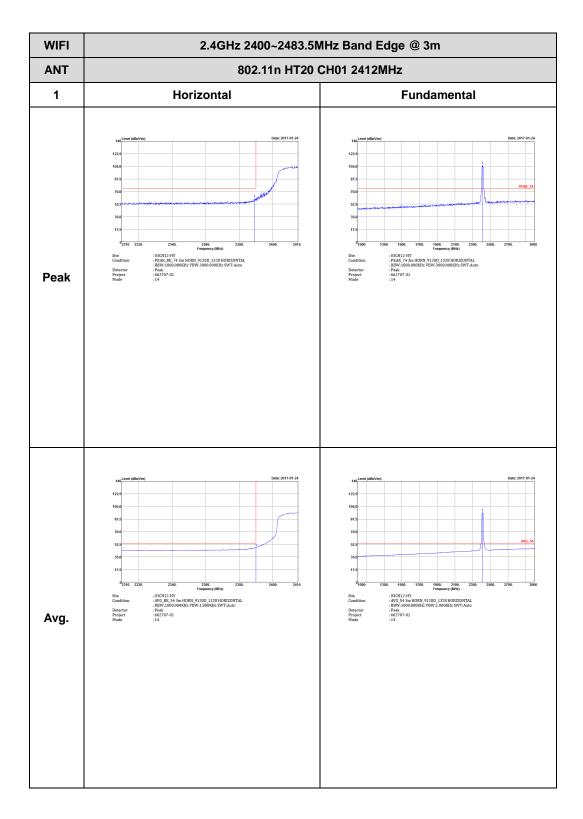




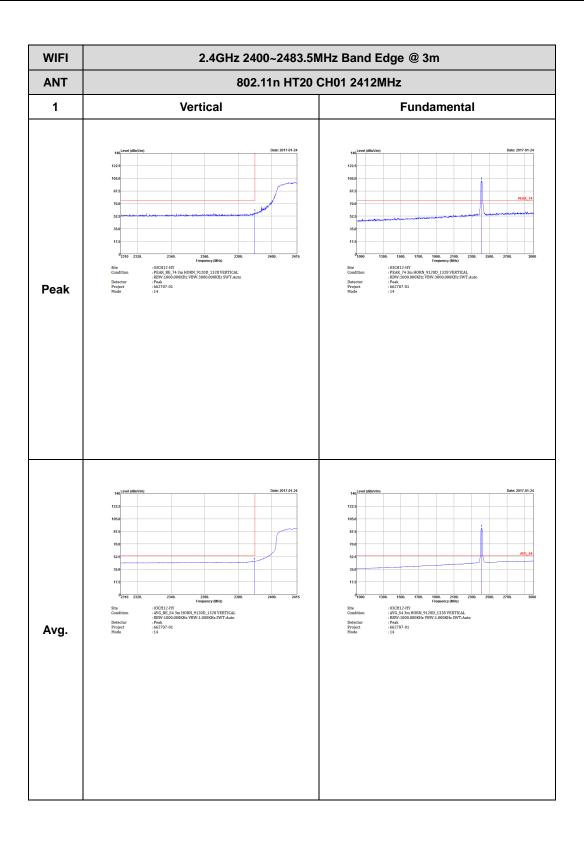


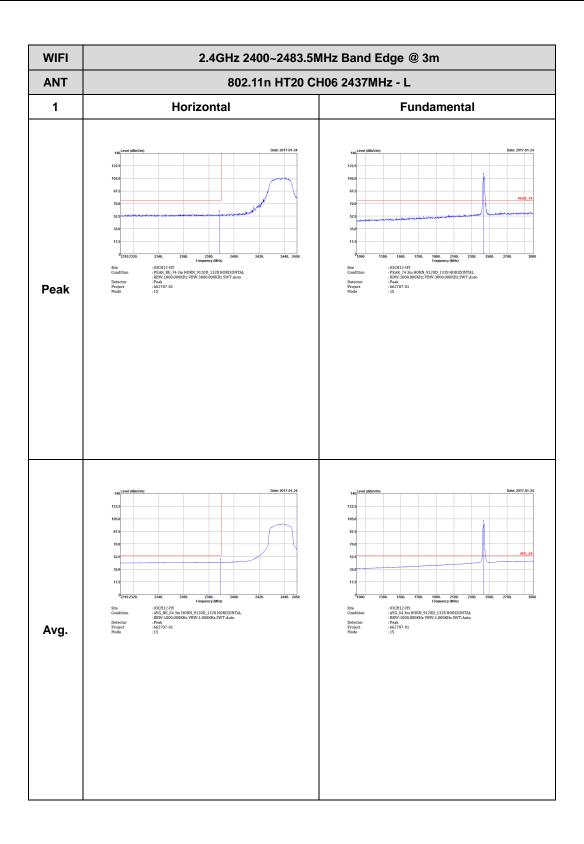
2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)



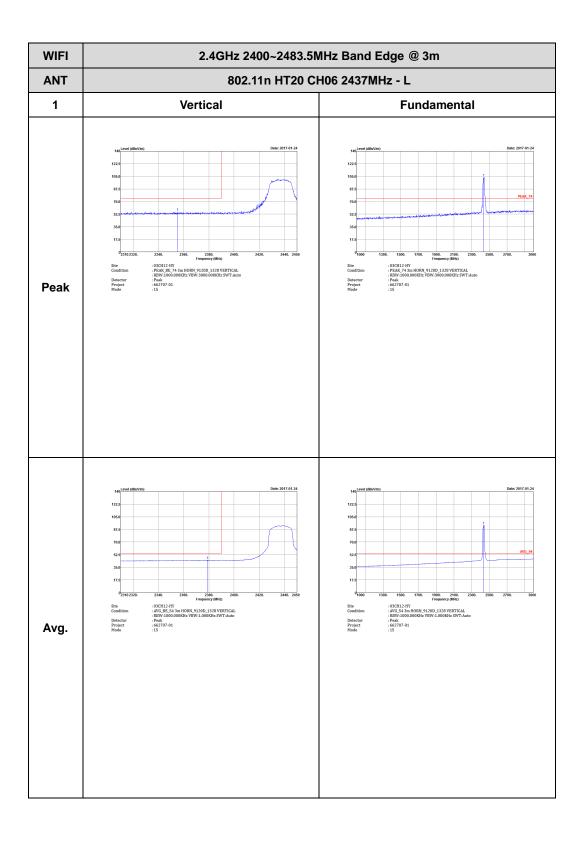
TEL: 886-3-327-3456 FAX: 886-3-328-4978

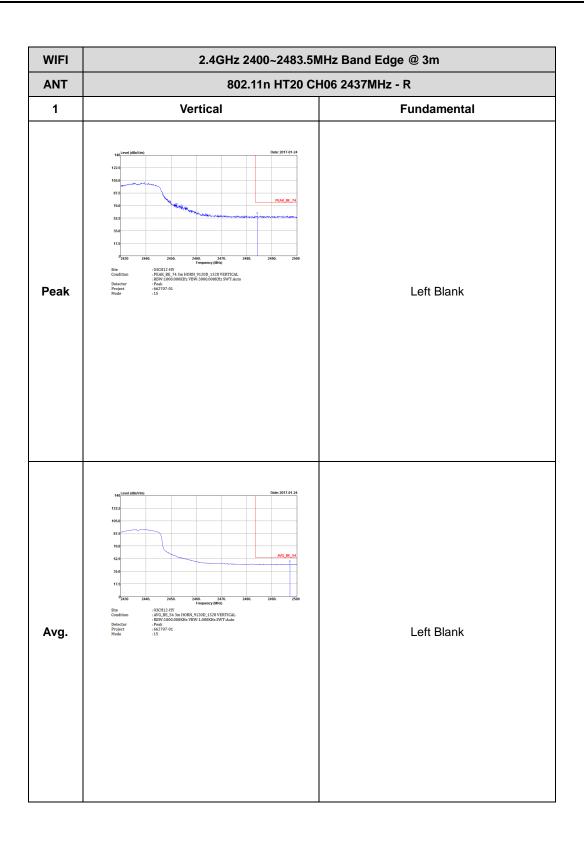


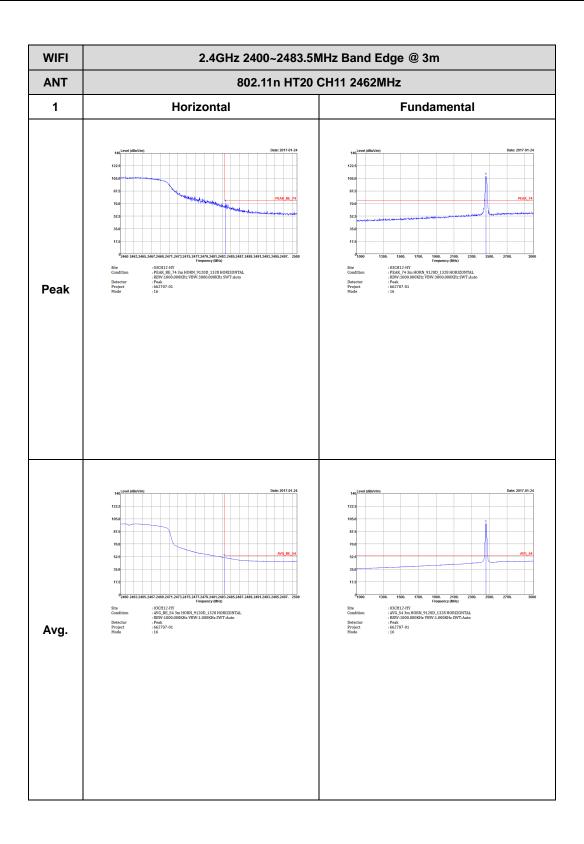


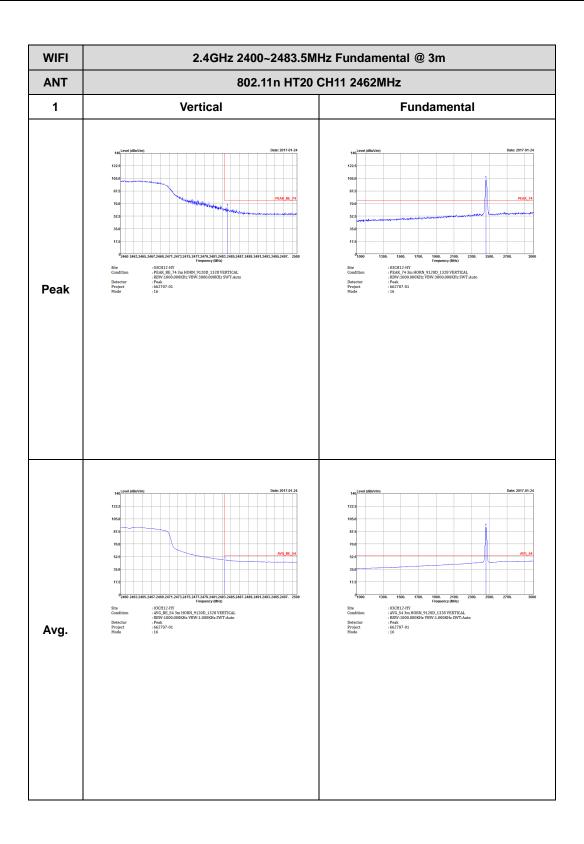
WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m ANT 802.11n HT20 CH06 2437MHz - R 1 Horizontal **Fundamental** Peak Left blank Left blank Avg.

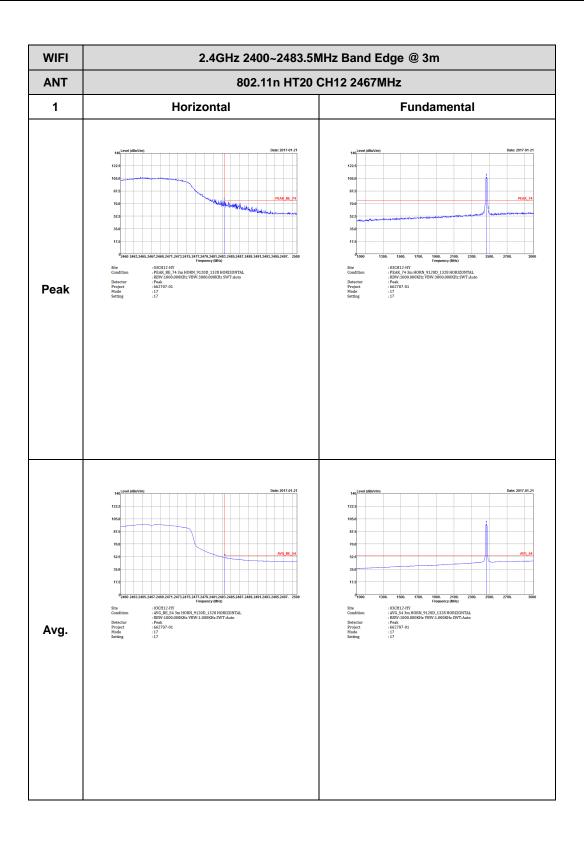
TEL: 886-3-327-3456 FAX: 886-3-328-4978

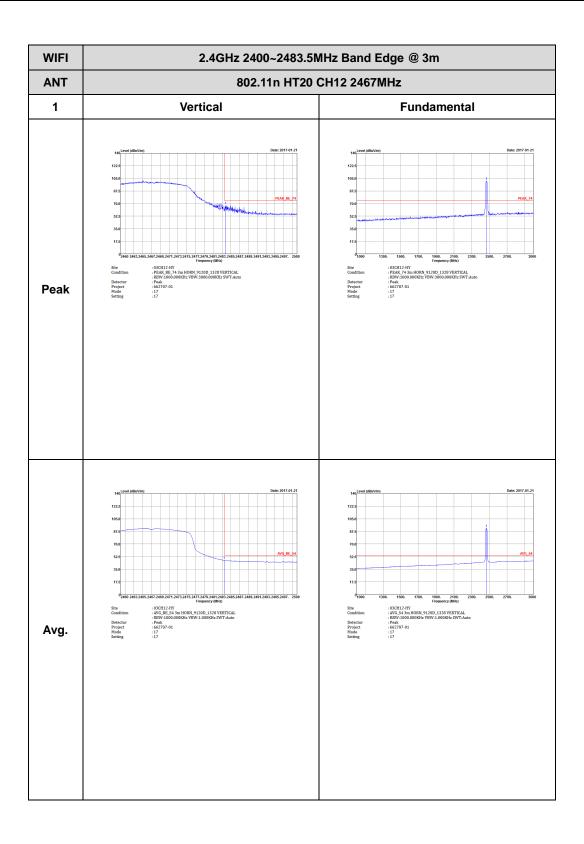


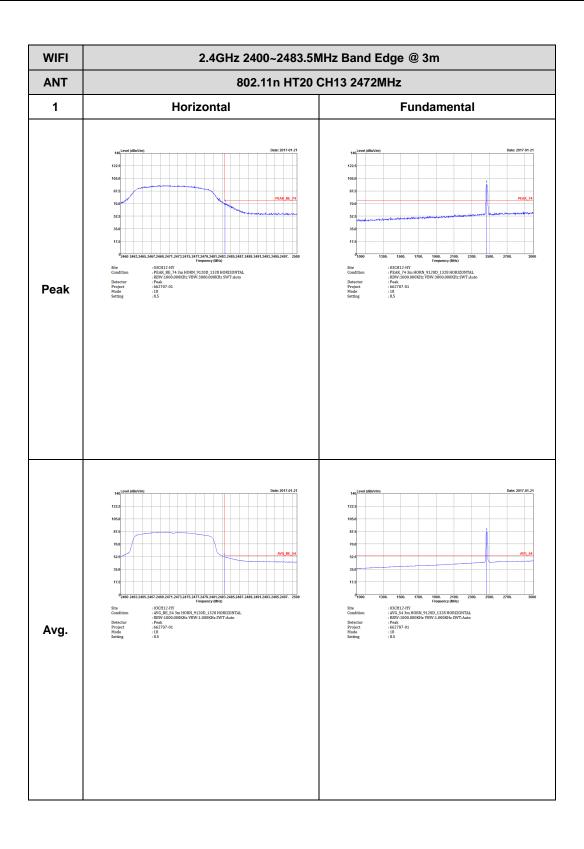


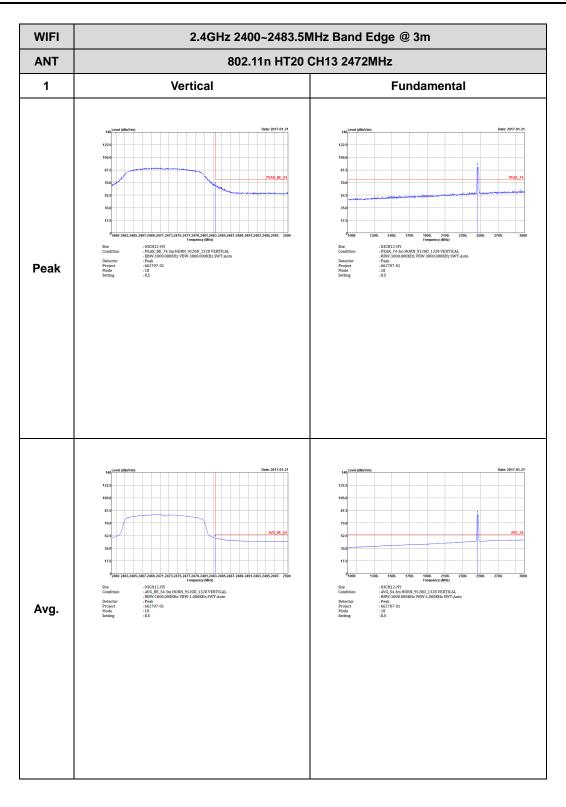






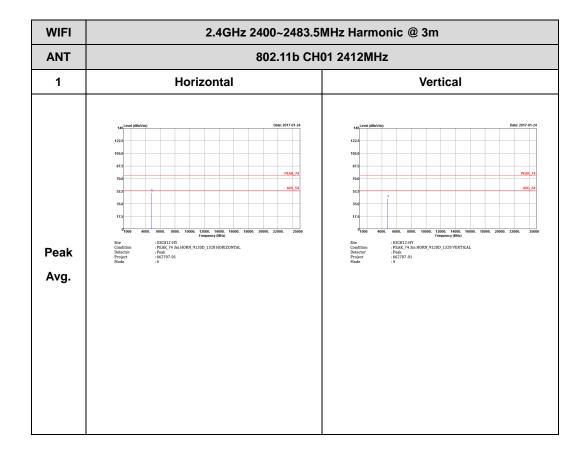




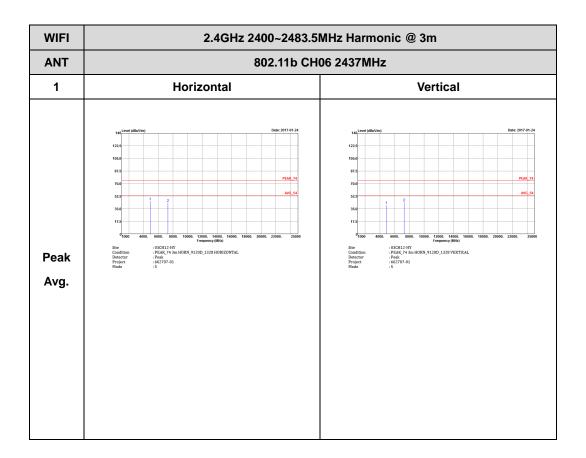


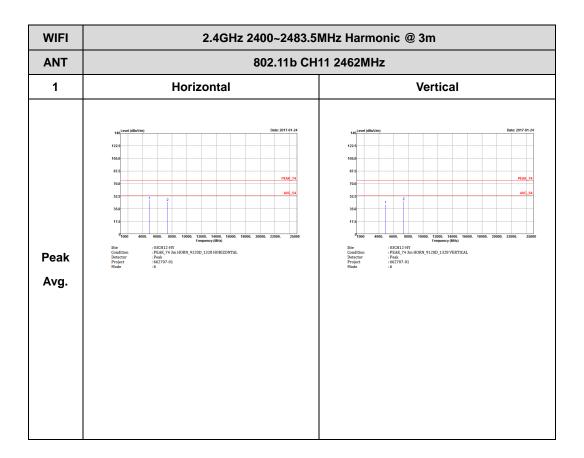
2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

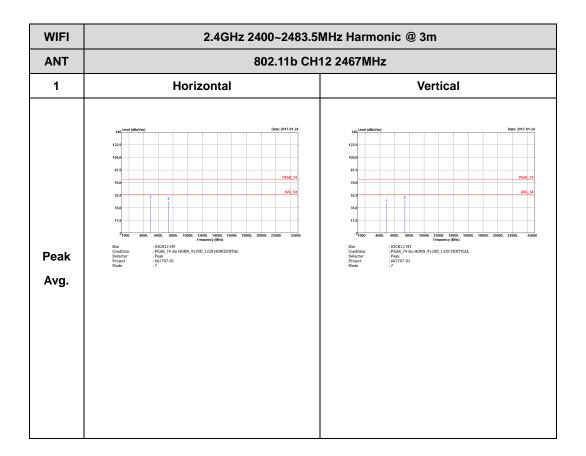


TEL: 886-3-327-3456 FAX: 886-3-328-4978

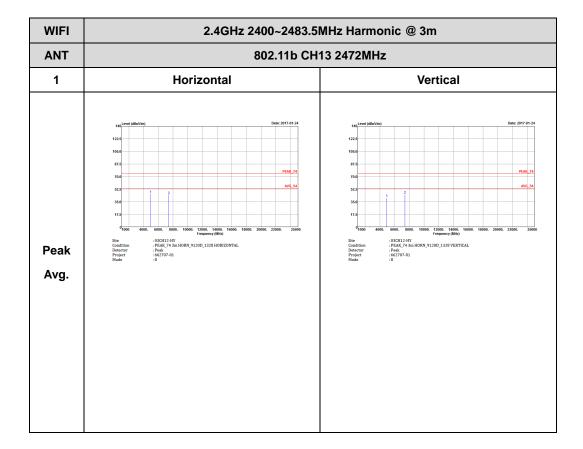






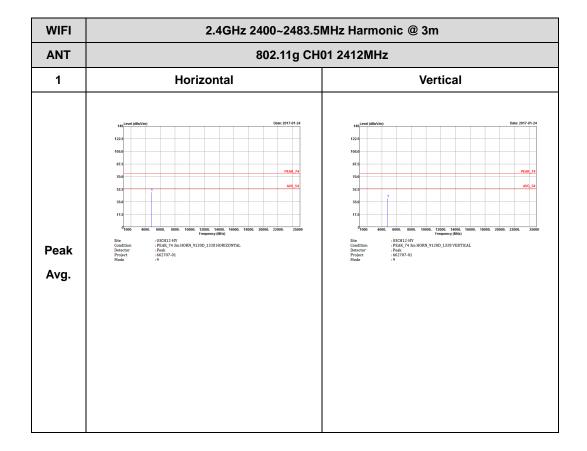




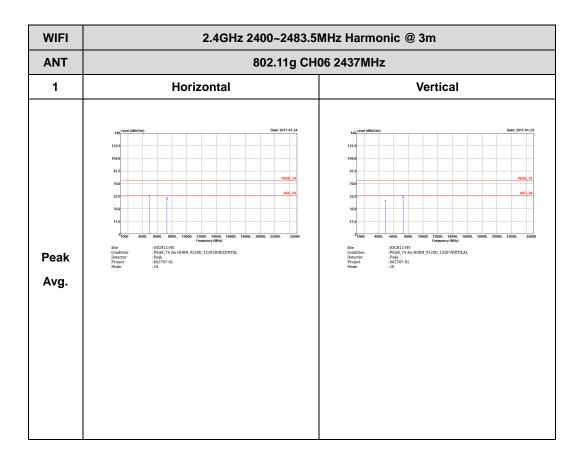


2.4GHz 2400~2483.5MHz

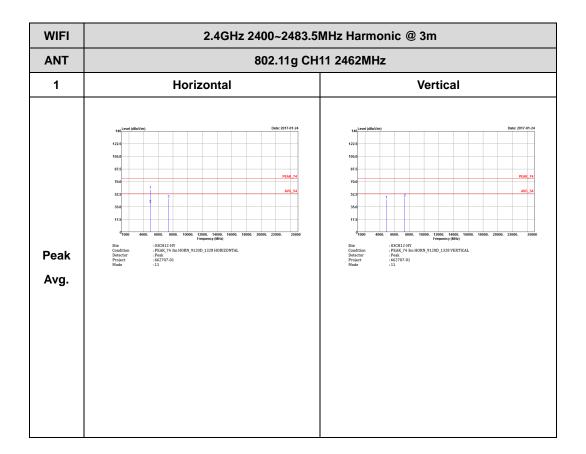
WIFI 802.11g (Harmonic @ 3m)

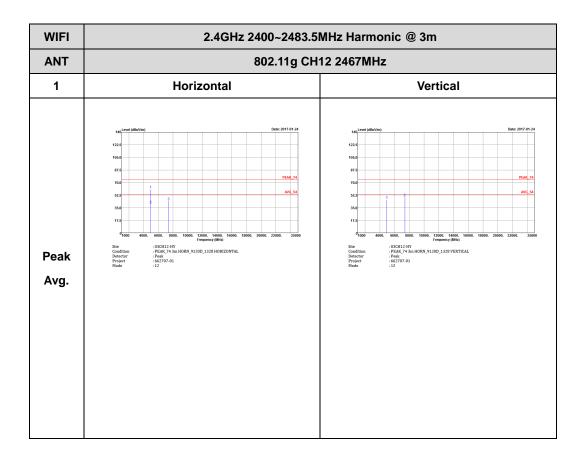


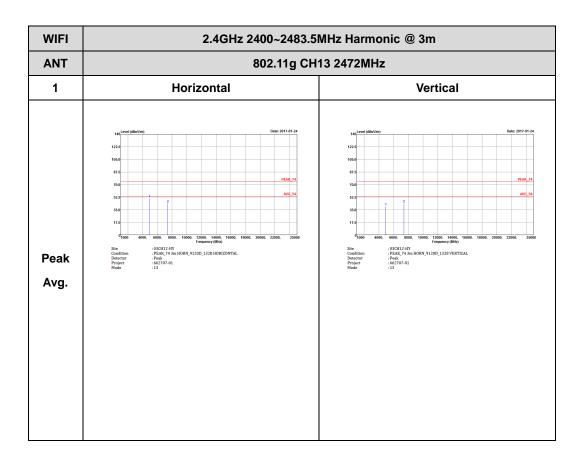
TEL: 886-3-327-3456 FAX: 886-3-328-4978





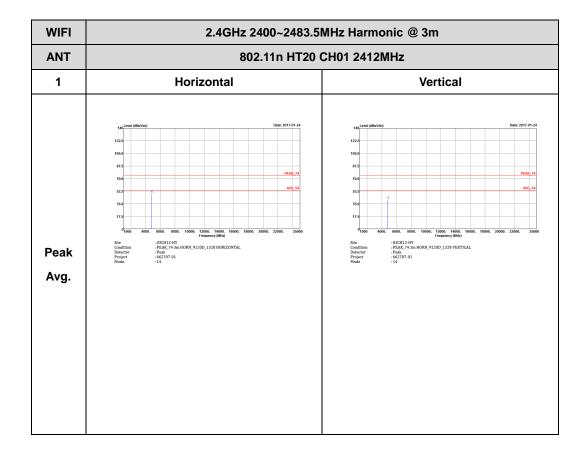




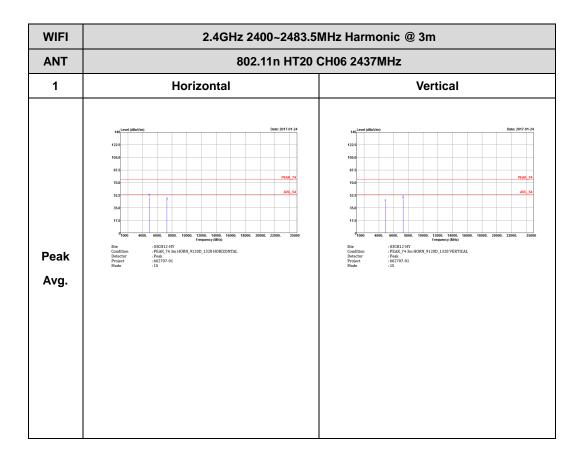


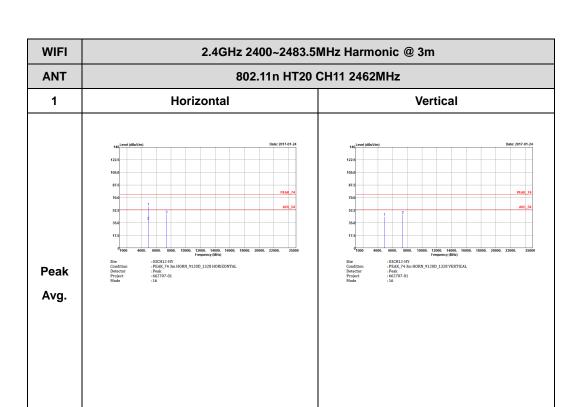
2.4GHz 2400~2483.5MHz

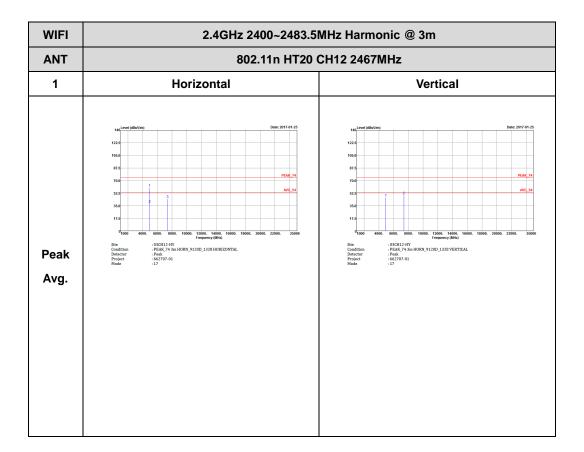
WIFI 802.11n HT20 (Harmonic @ 3m)

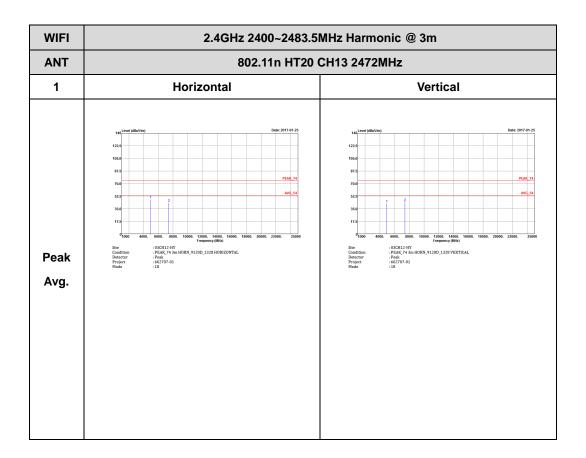


TEL: 886-3-327-3456 FAX: 886-3-328-4978



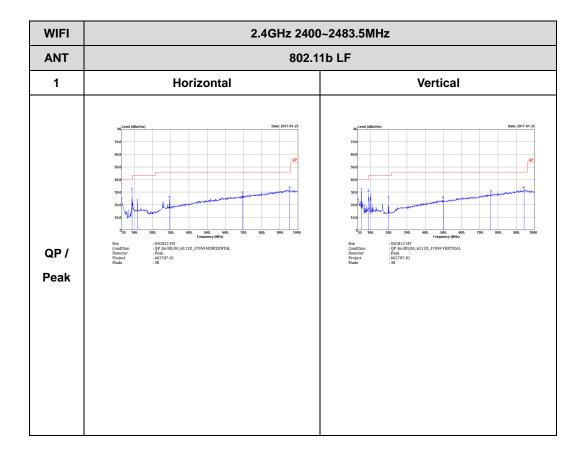






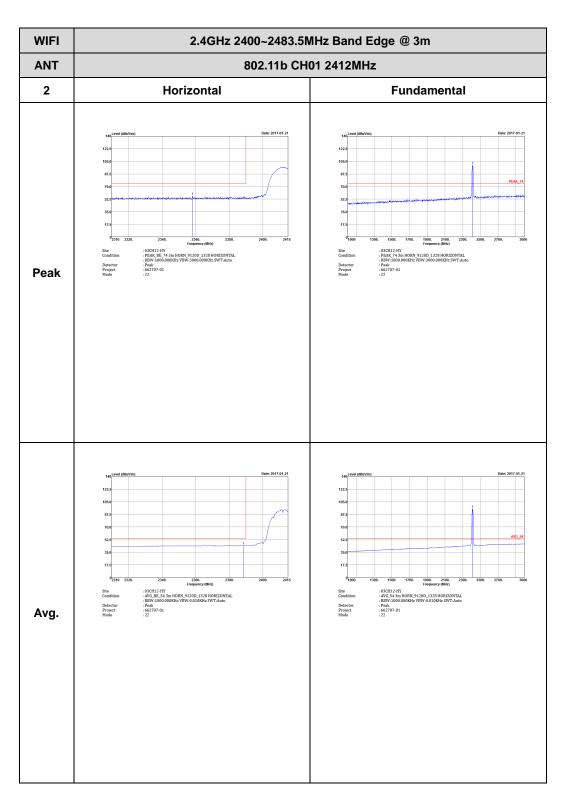
Emission below 1GHz

2.4GHz WIFI 802.11b (LF)

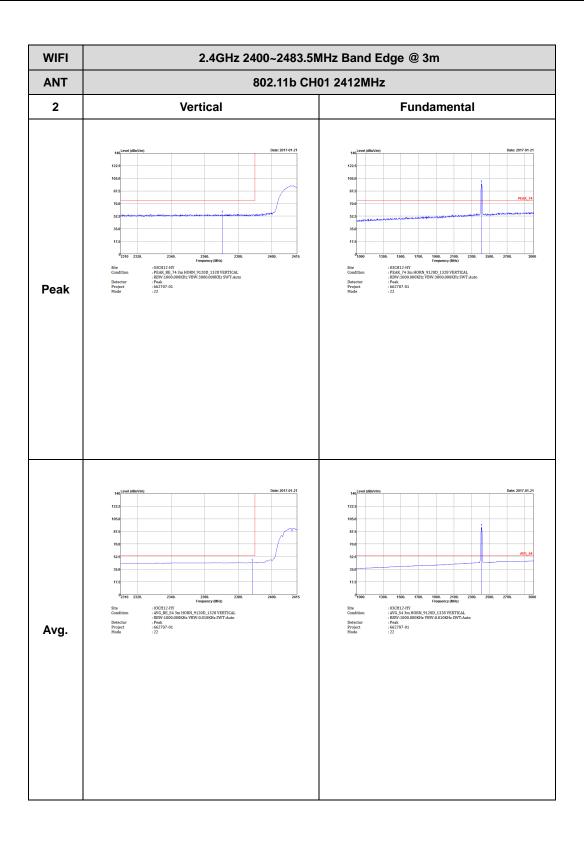


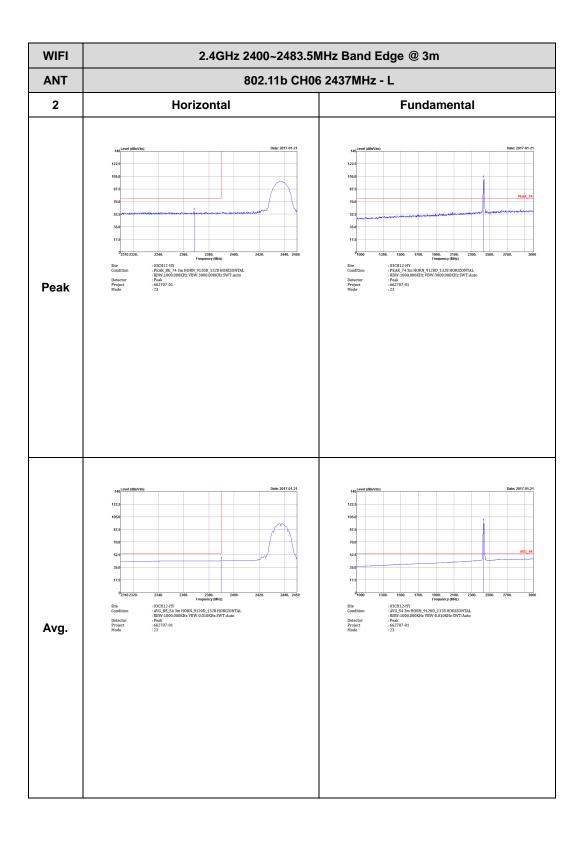
TEL: 886-3-327-3456 FAX: 886-3-328-4978

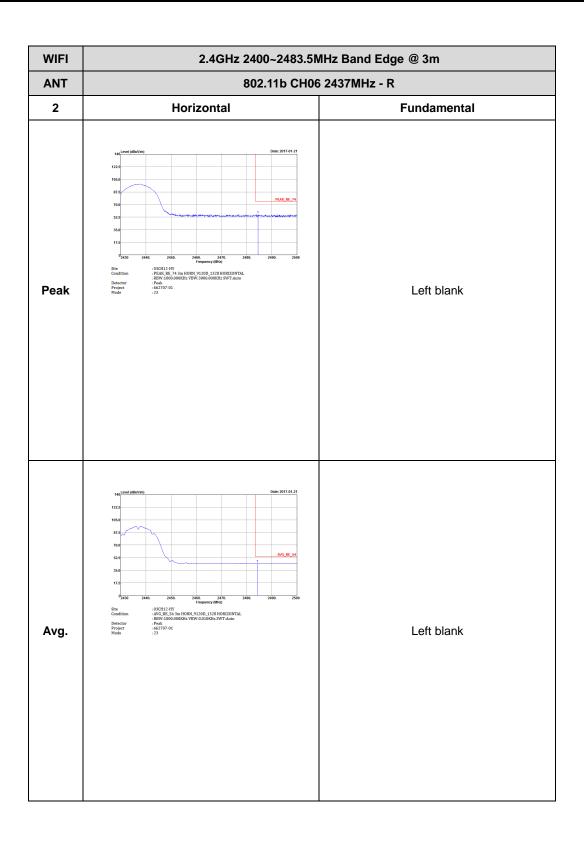
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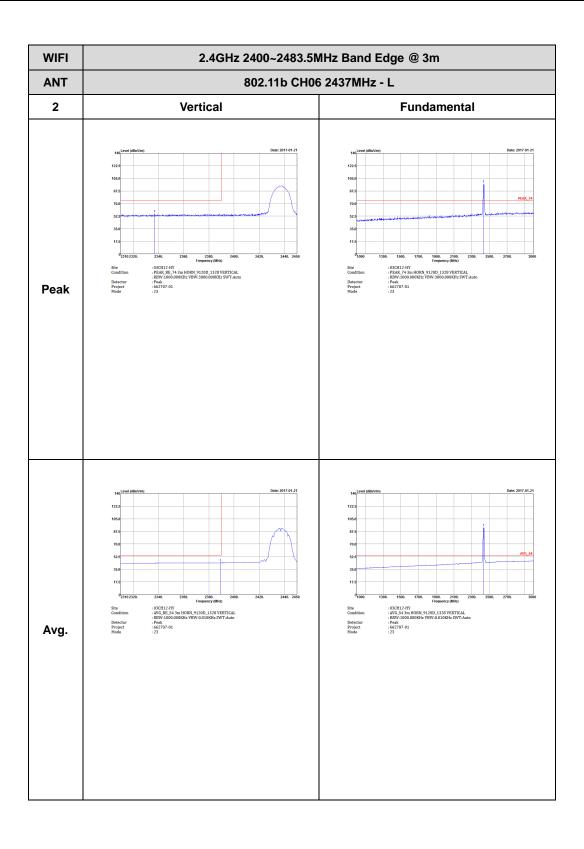


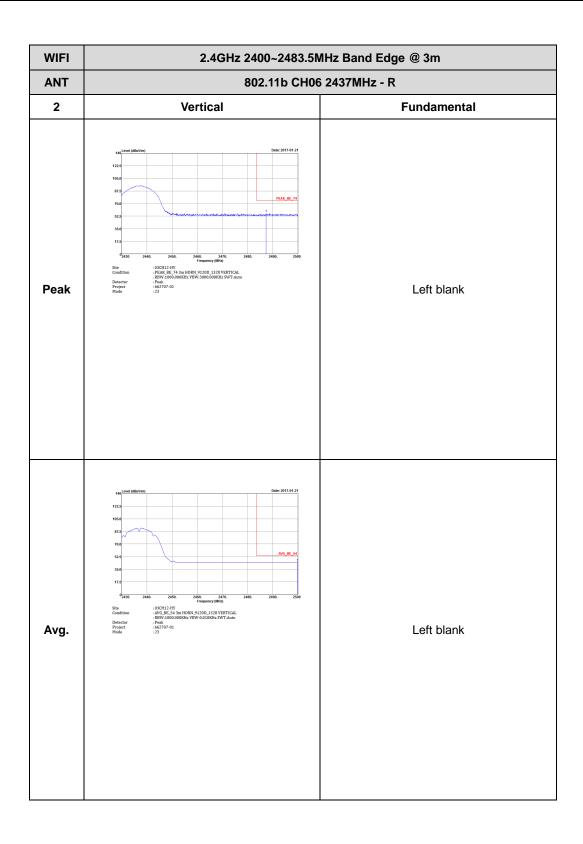
TEL: 886-3-327-3456 FAX: 886-3-328-4978

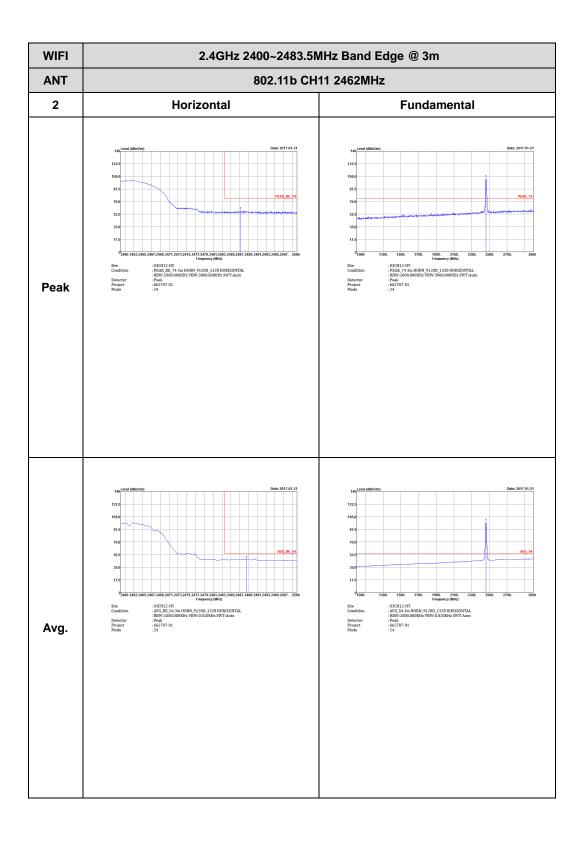


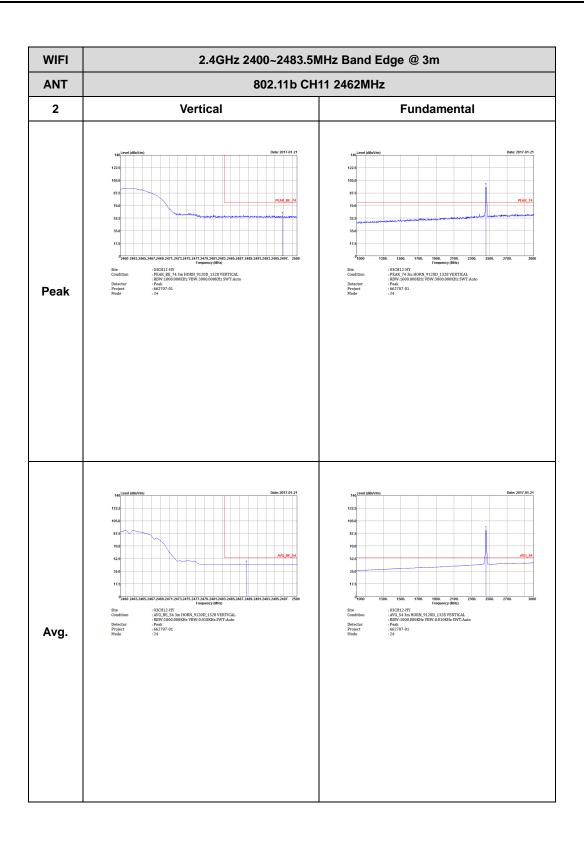


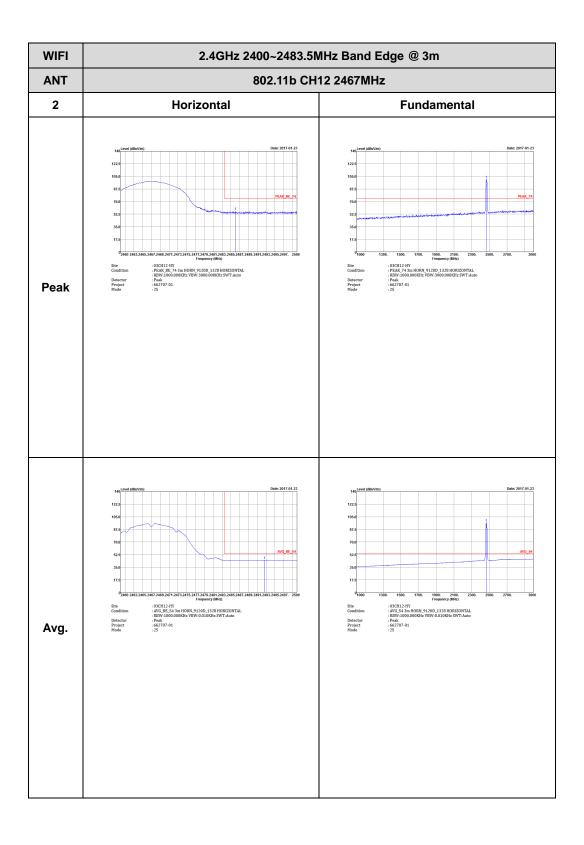


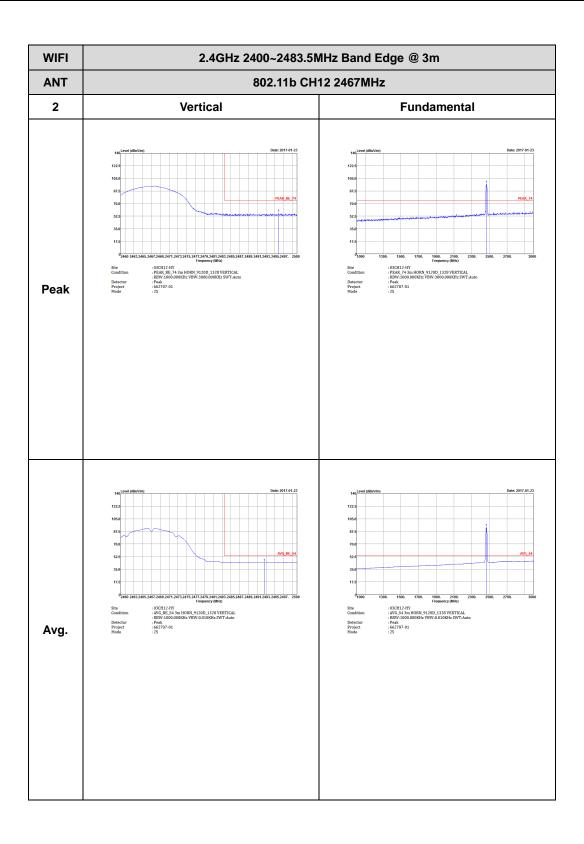


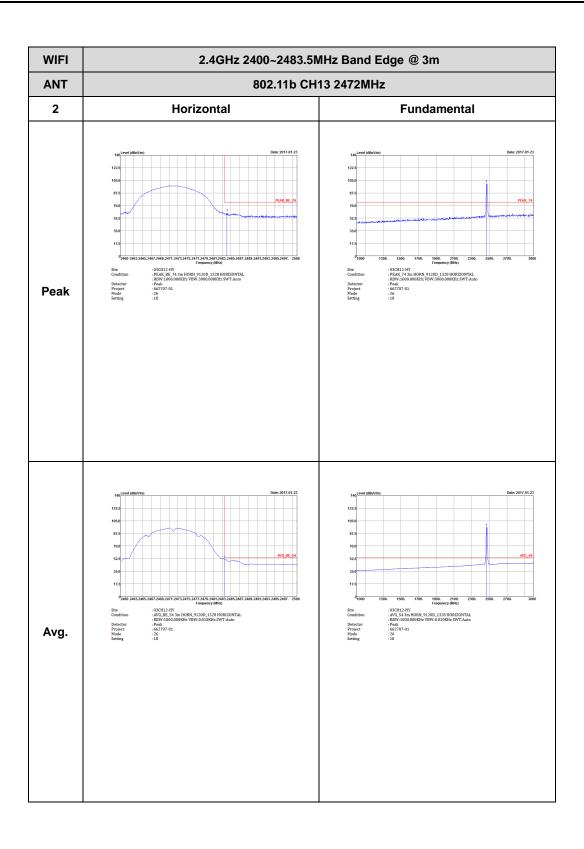


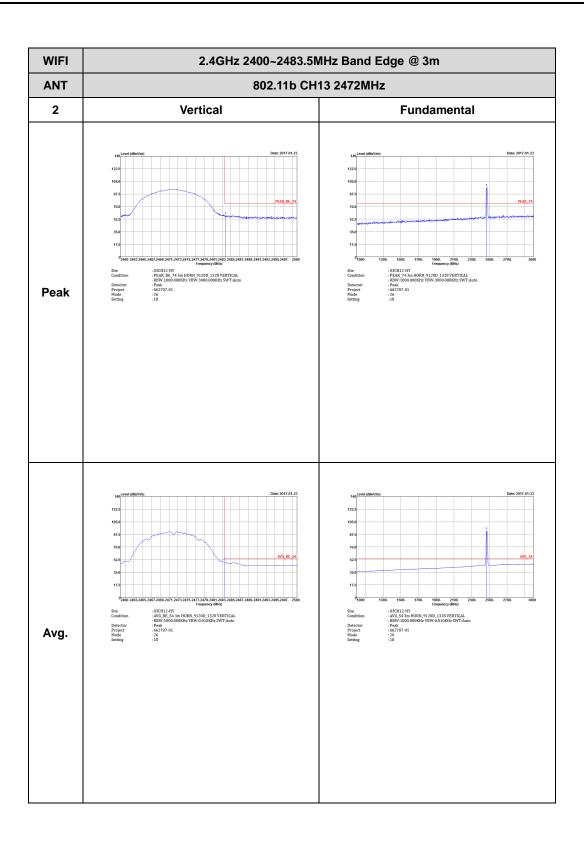






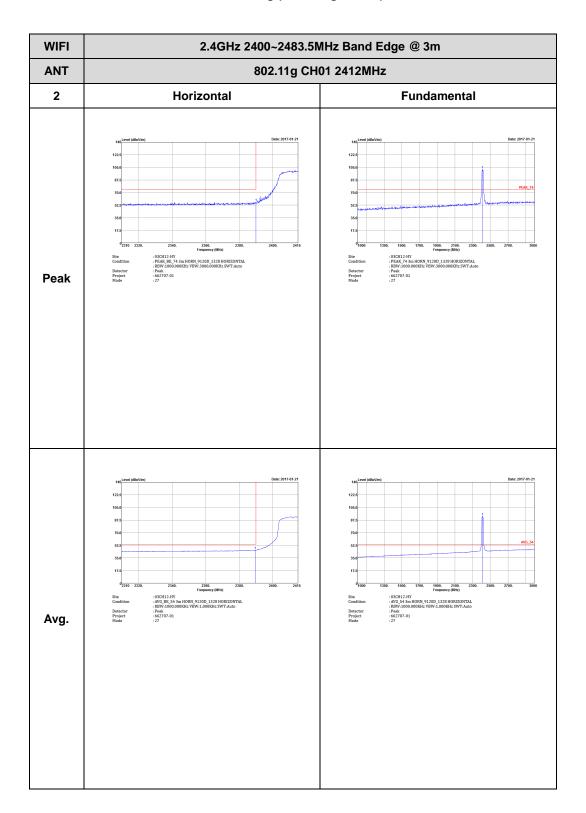




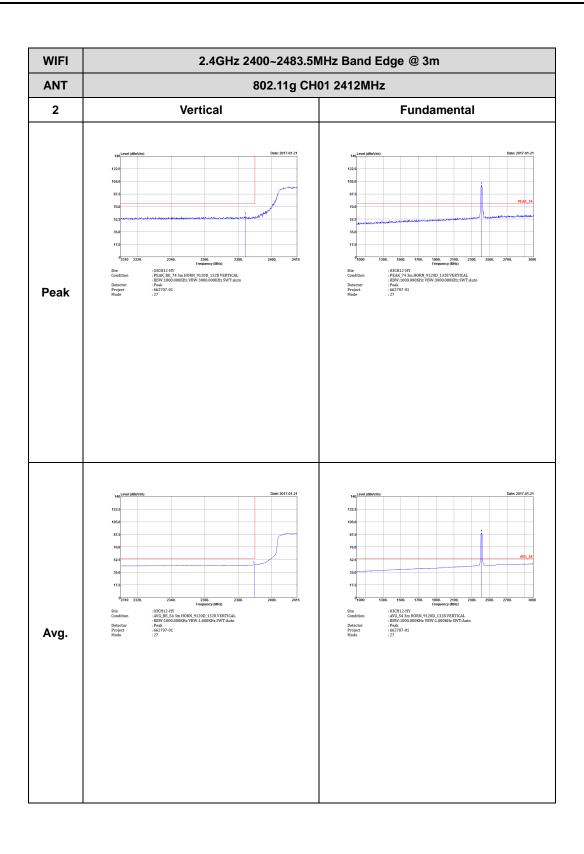


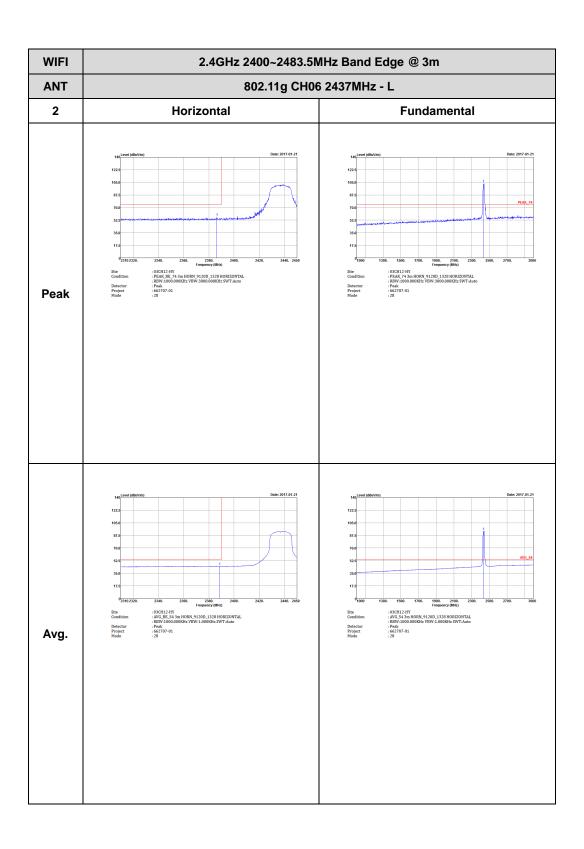
2.4GHz 2400~2483.5MHz

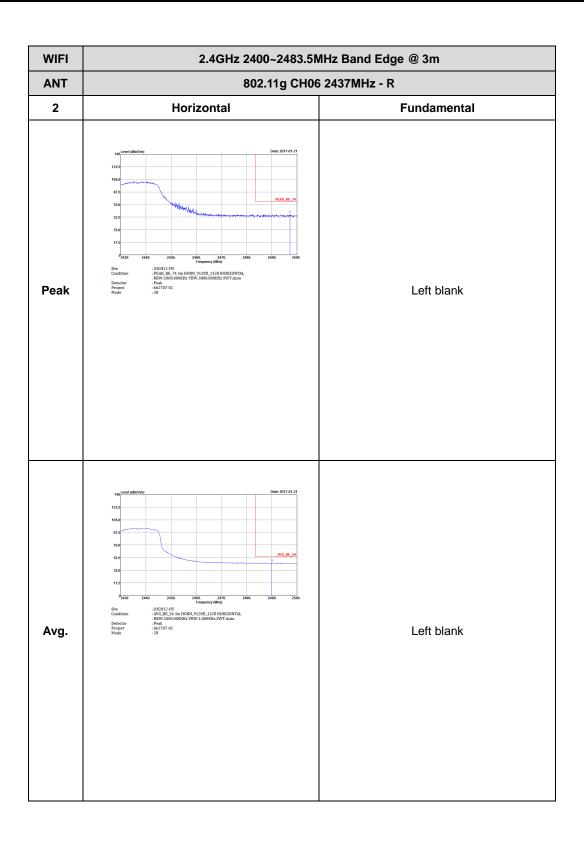
WIFI 802.11g (Band Edge @ 3m)

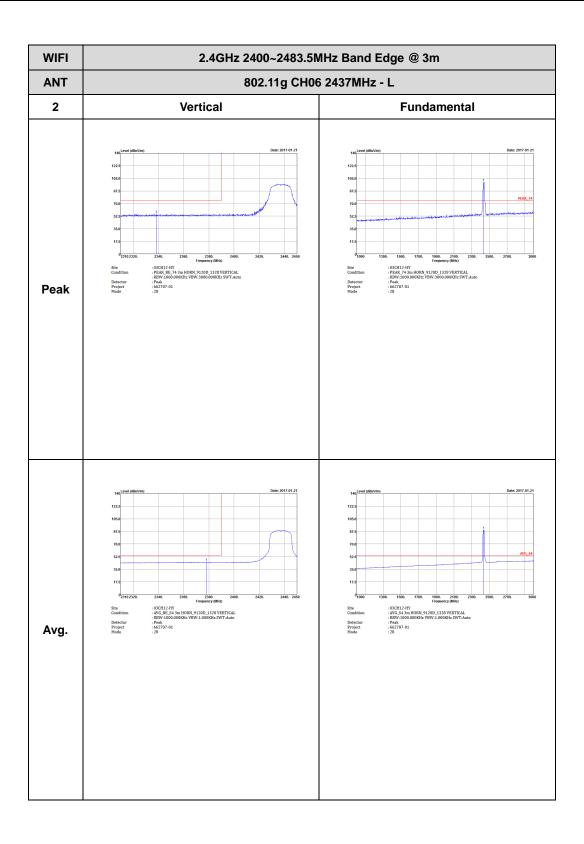


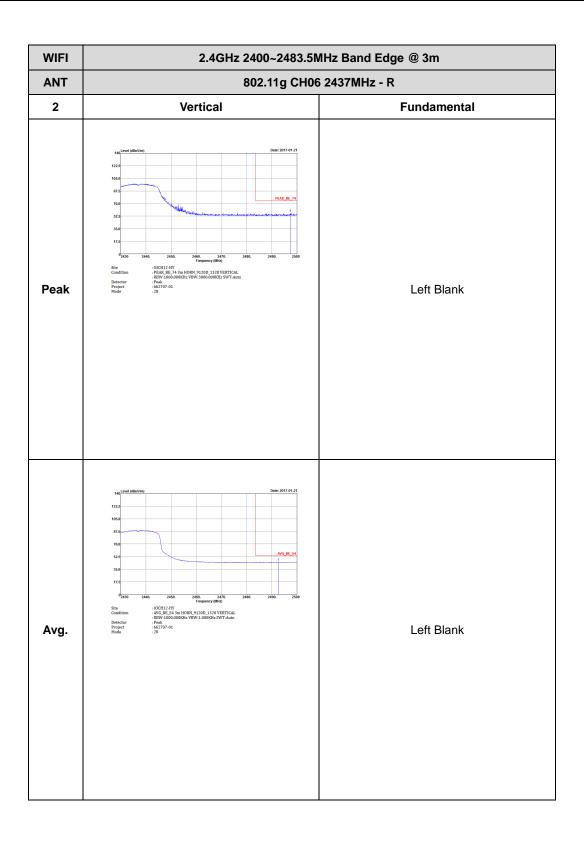
TEL: 886-3-327-3456 FAX: 886-3-328-4978

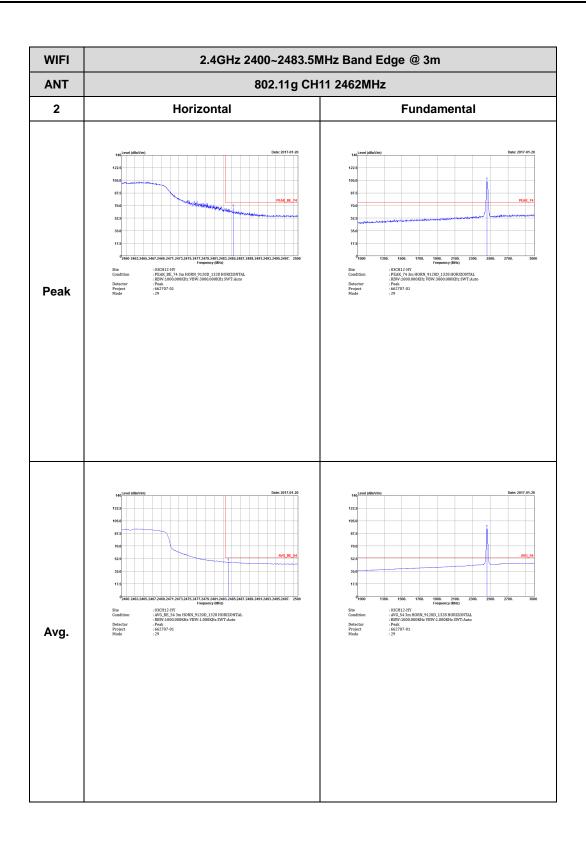


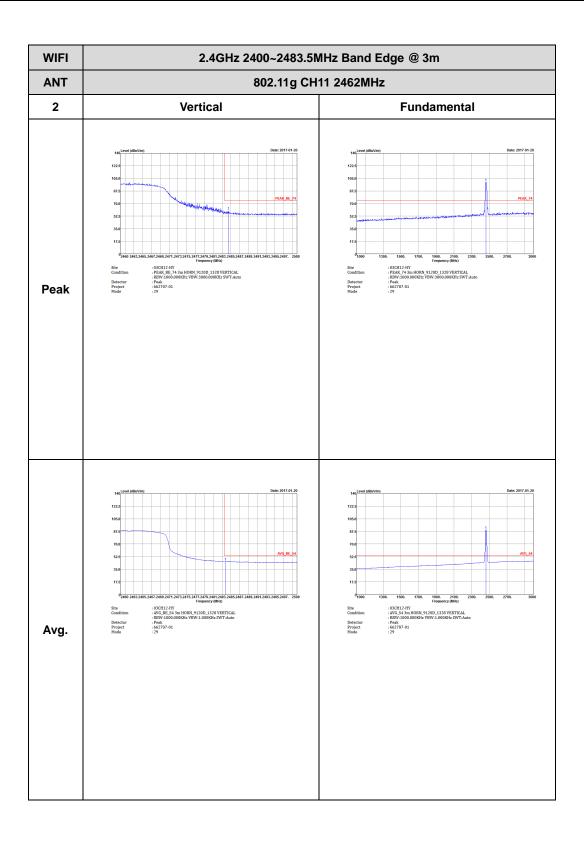


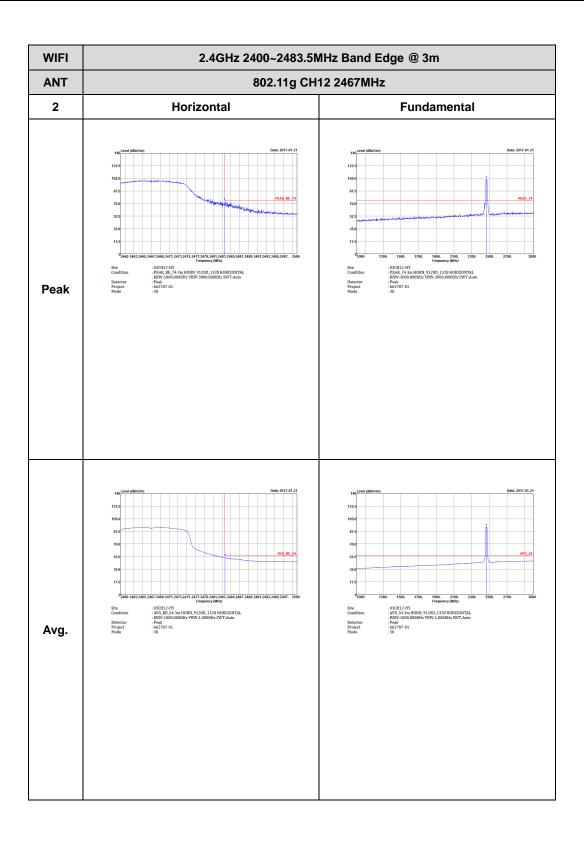


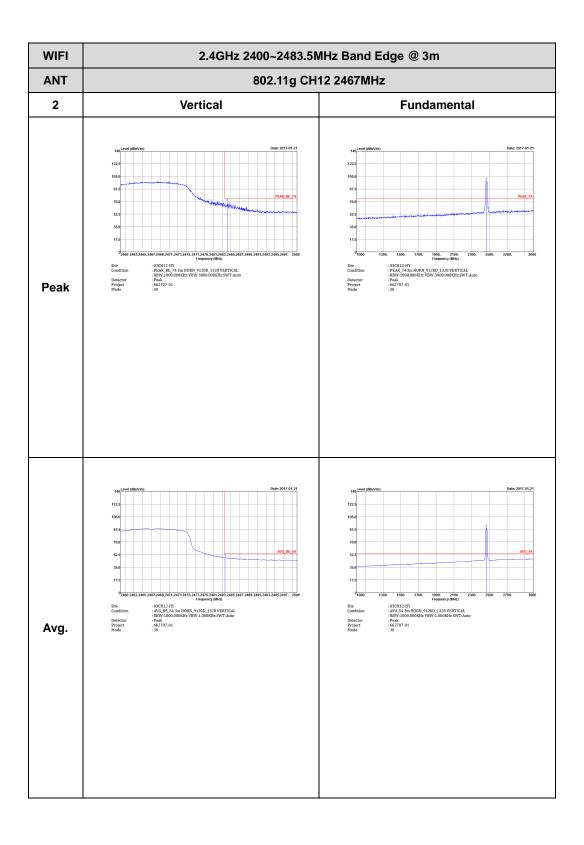


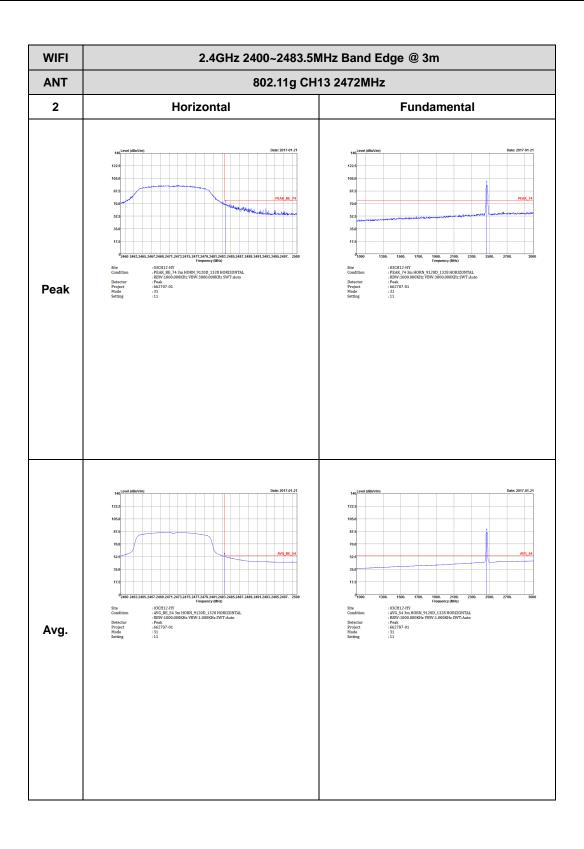


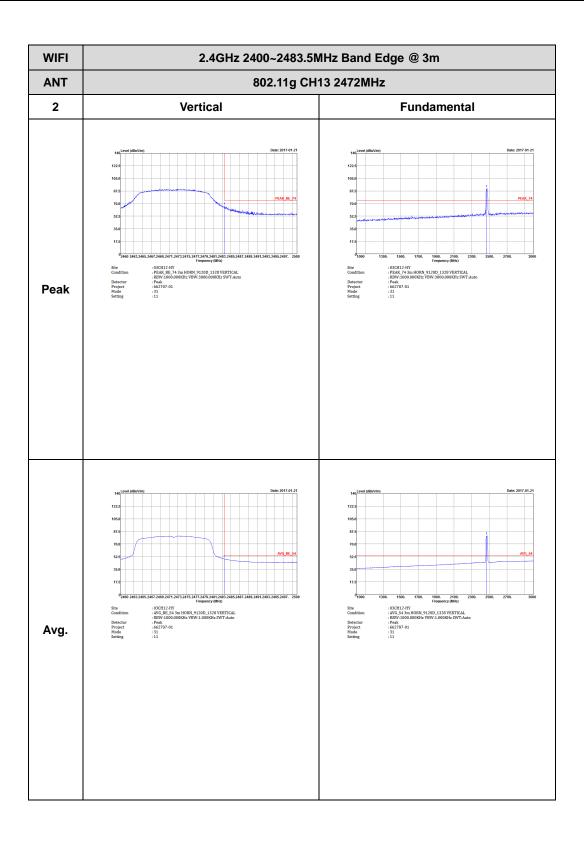






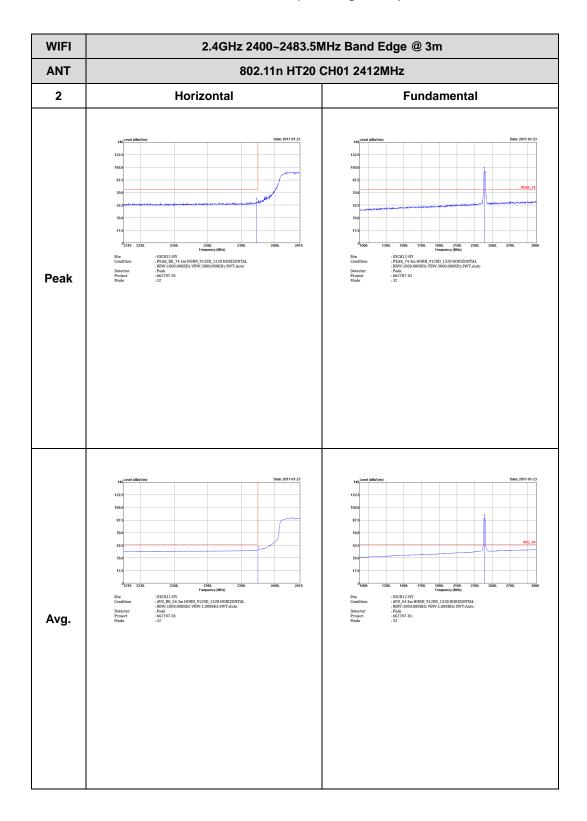




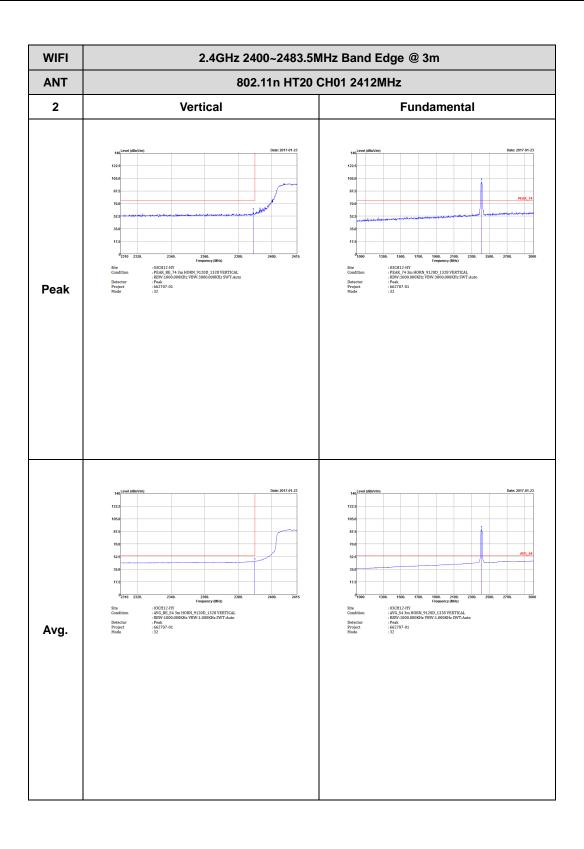


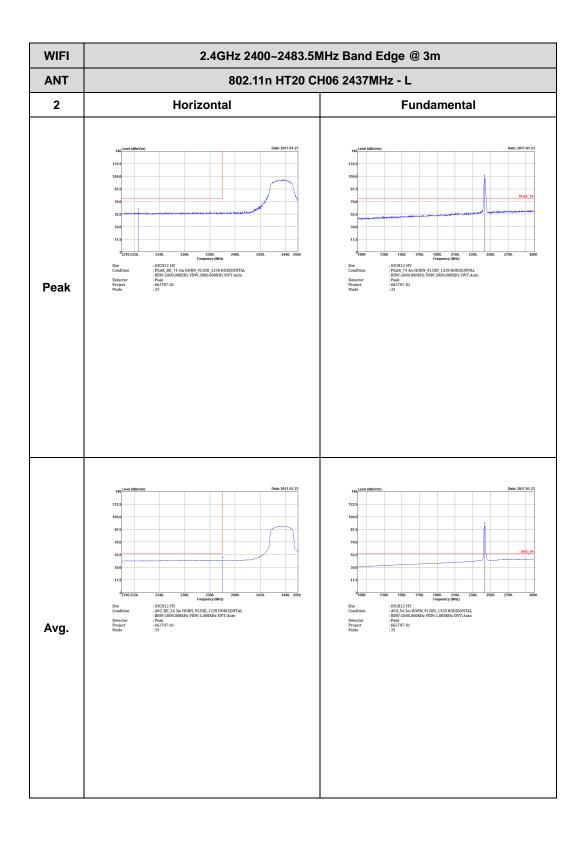
2.4GHz 2400~2483.5MHz

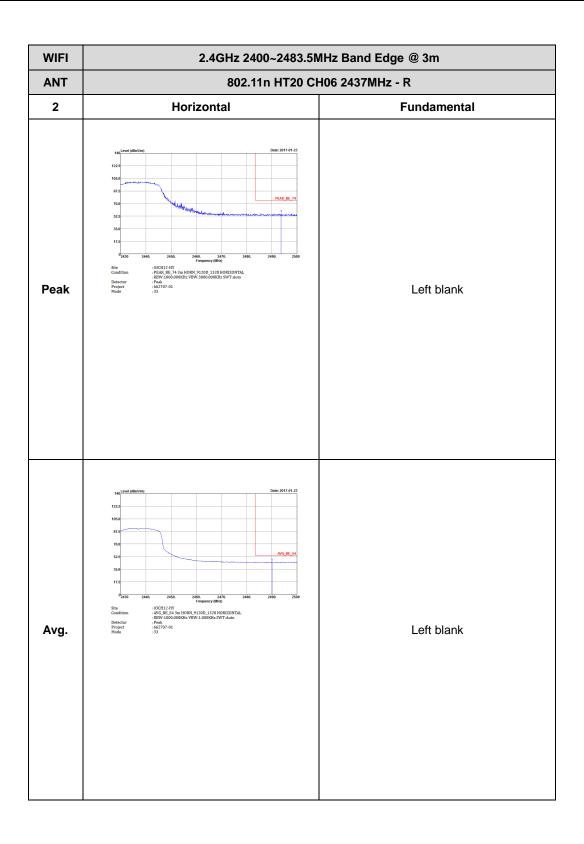
WIFI 802.11n HT20 (Band Edge @ 3m)

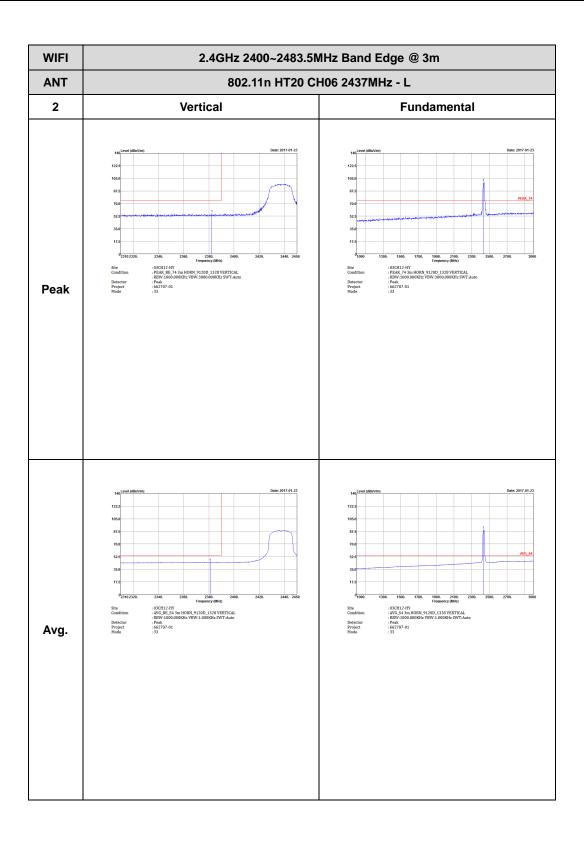


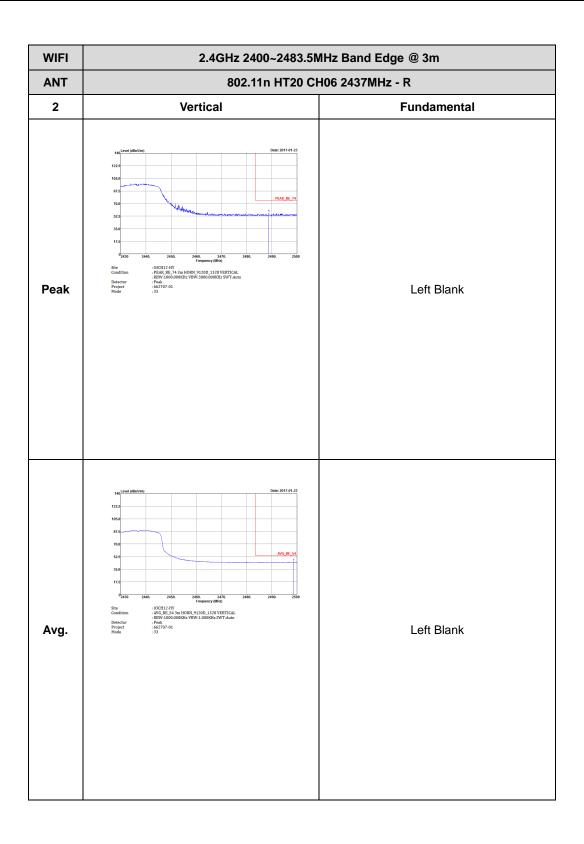
TEL: 886-3-327-3456 FAX: 886-3-328-4978

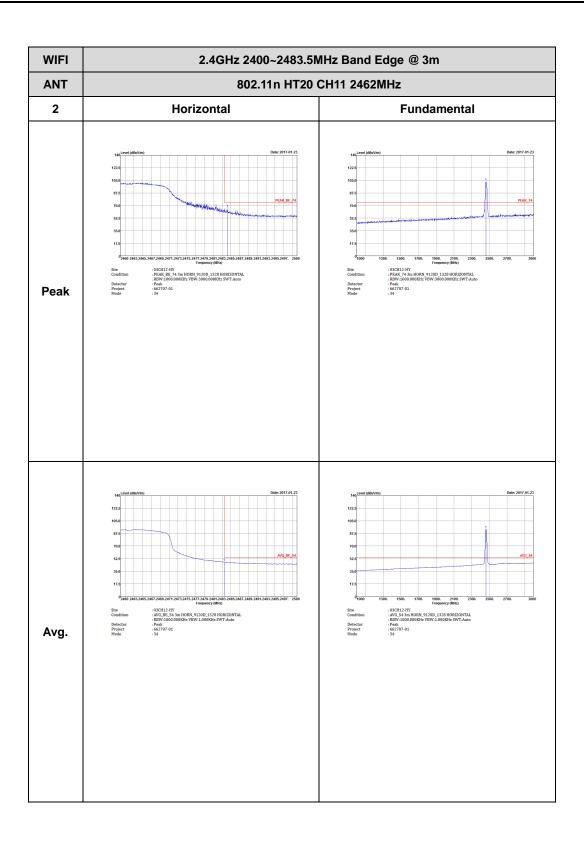


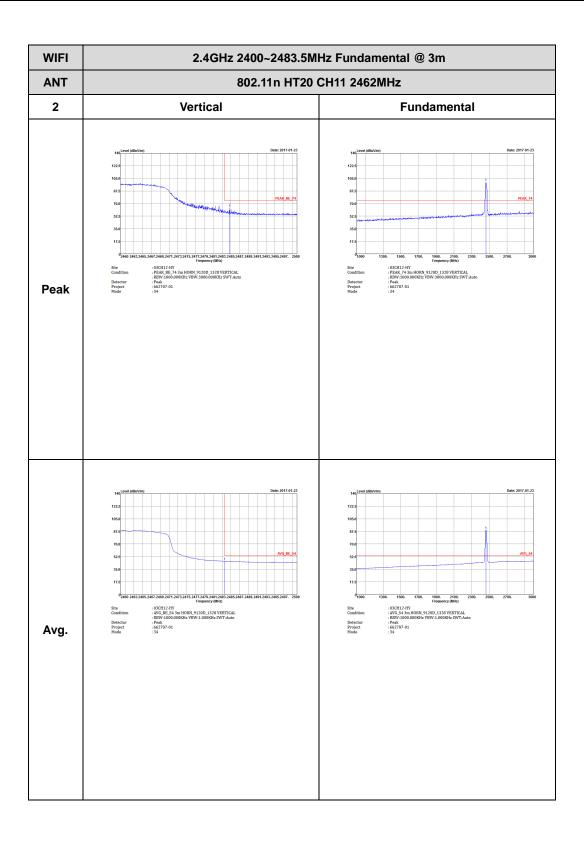


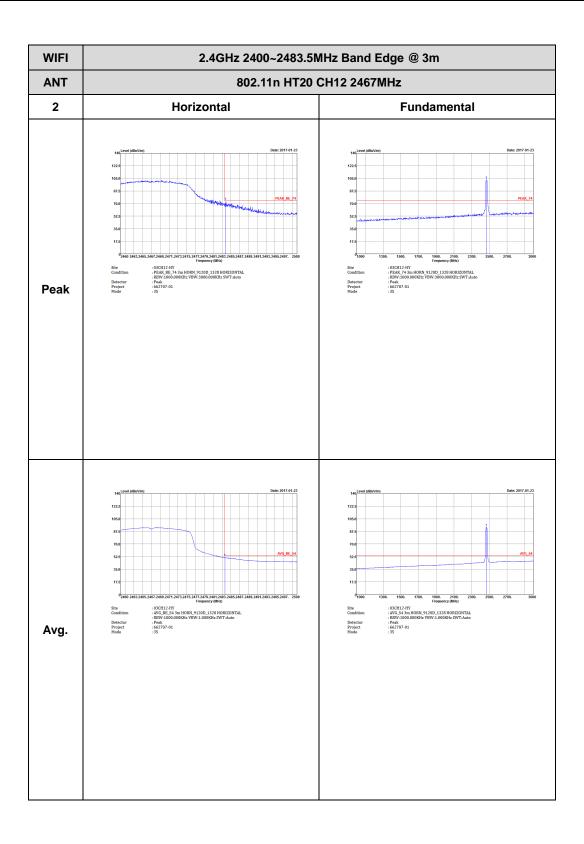


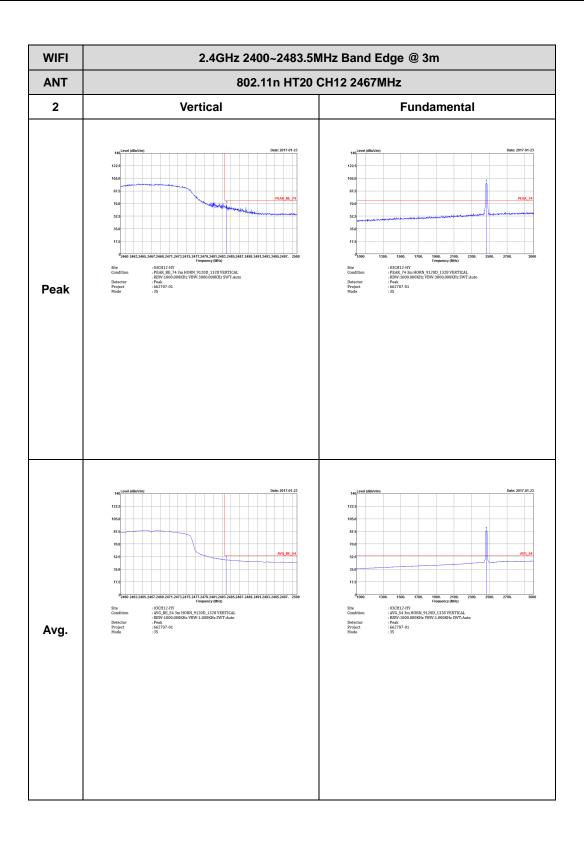


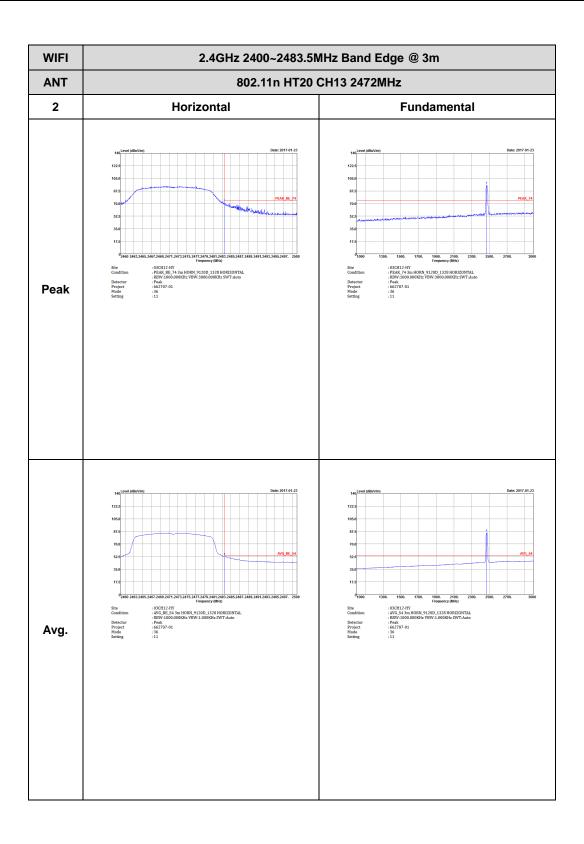


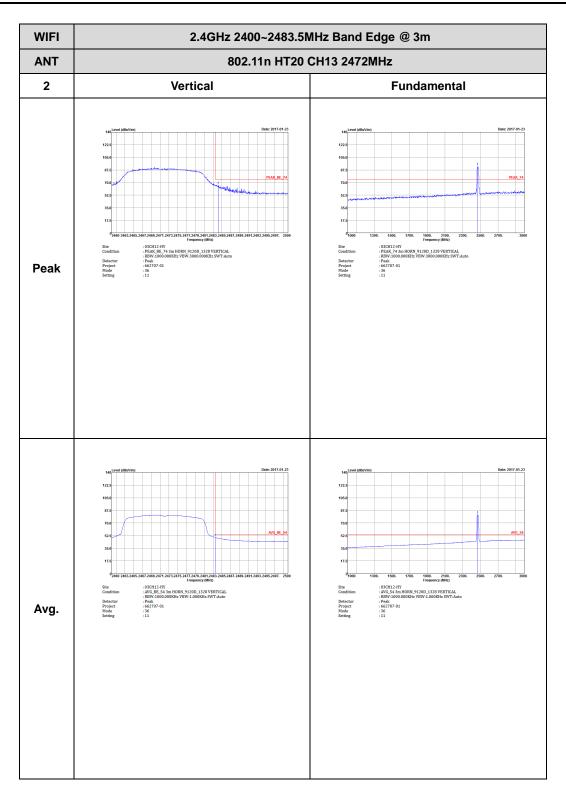






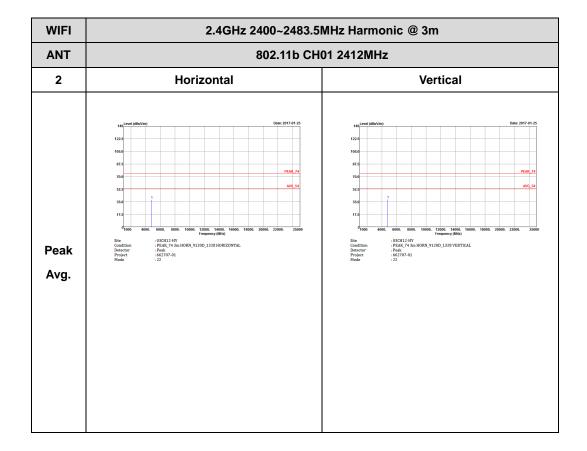




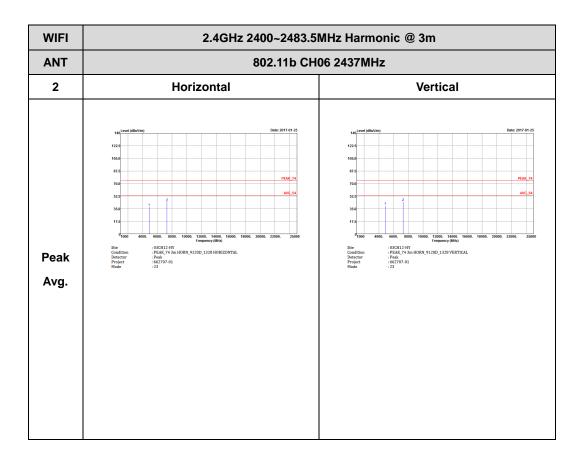


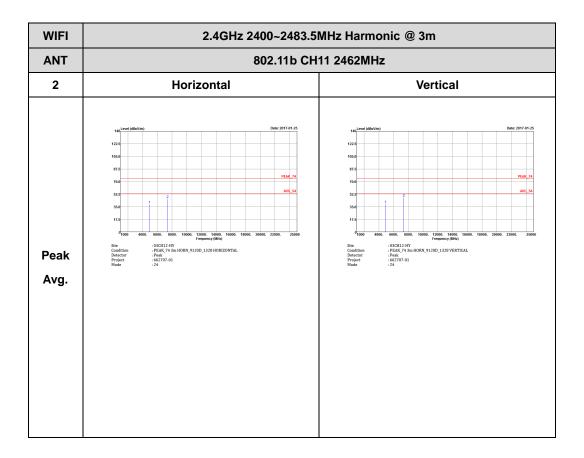
2.4GHz 2400~2483.5MHz

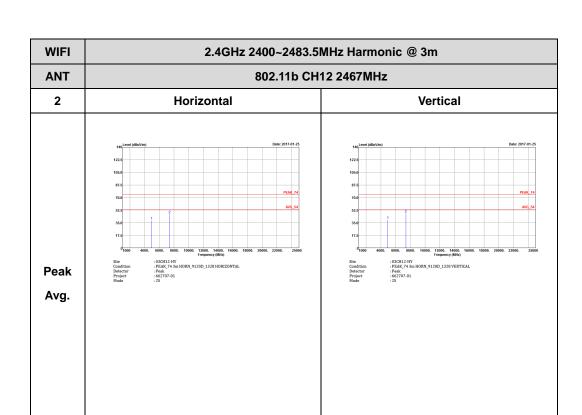
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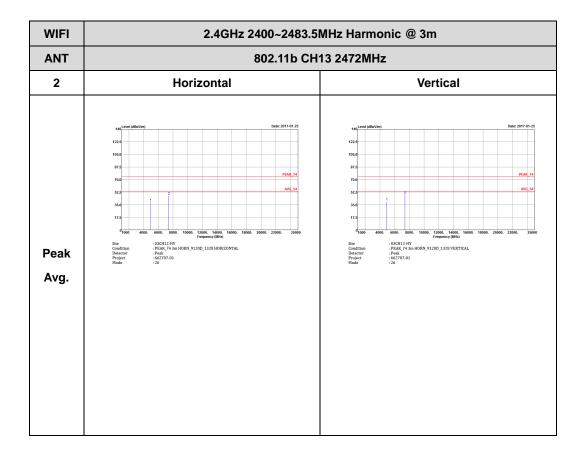
TEL: 886-3-327-3456 FAX: 886-3-328-4978





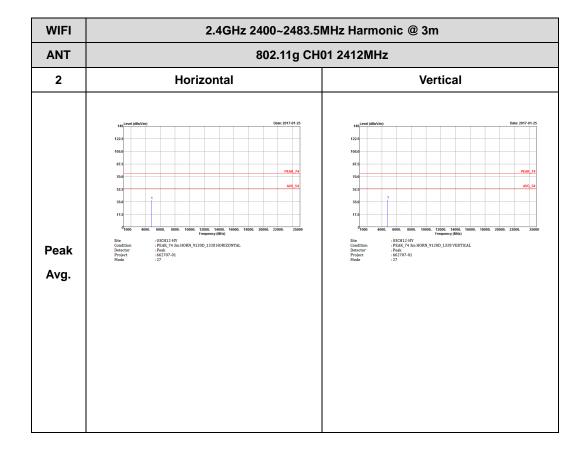






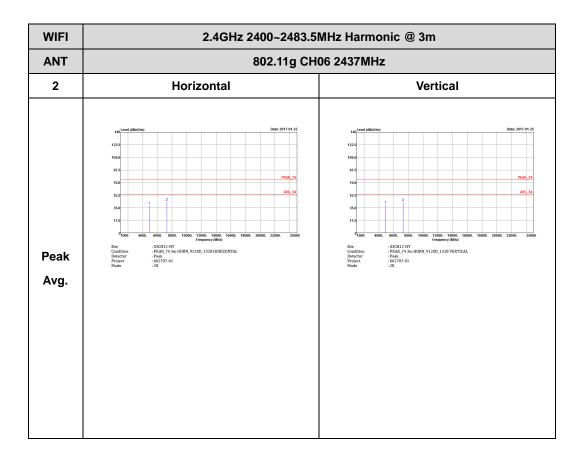
2.4GHz 2400~2483.5MHz

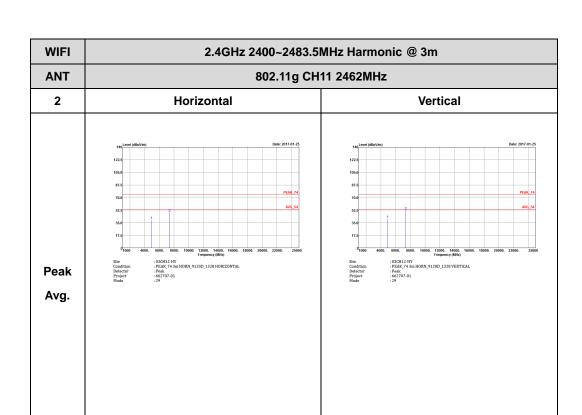
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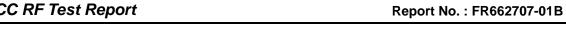


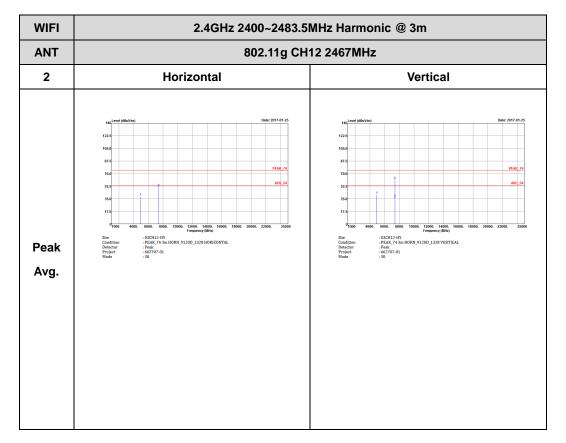
TEL: 886-3-327-3456 FAX: 886-3-328-4978

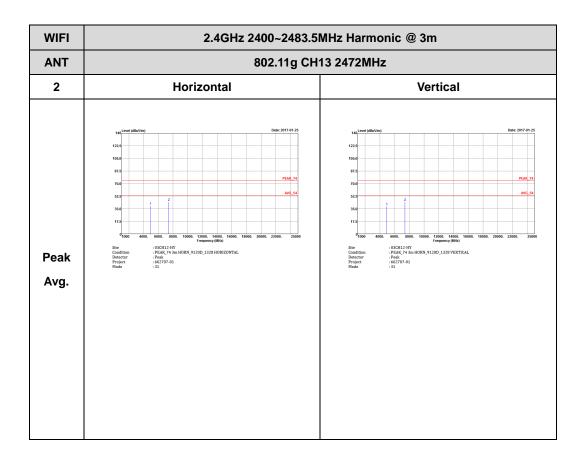






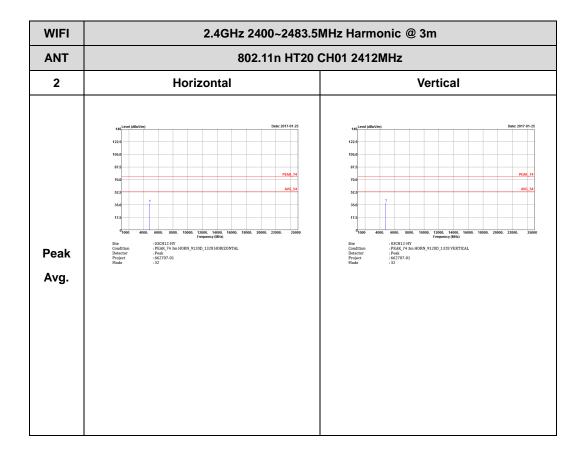




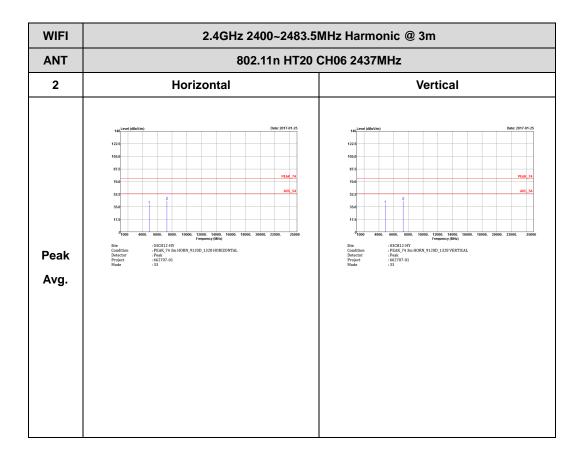


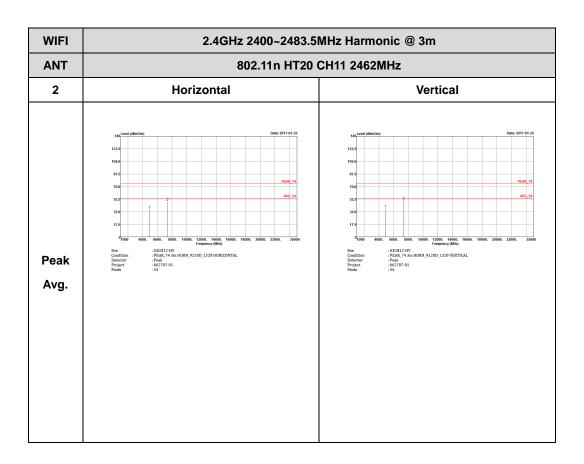
2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

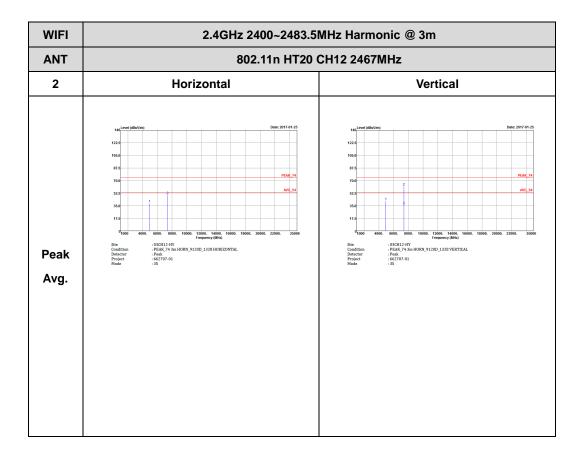


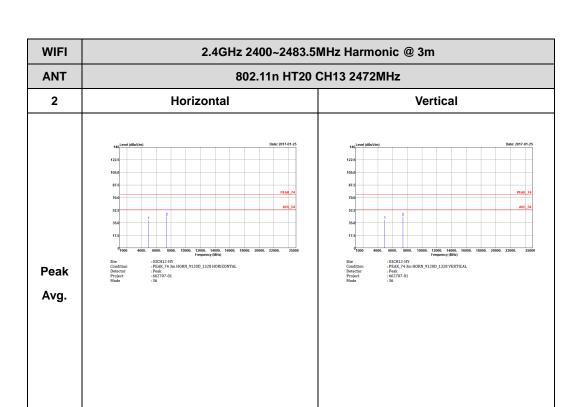
TEL: 886-3-327-3456 FAX: 886-3-328-4978





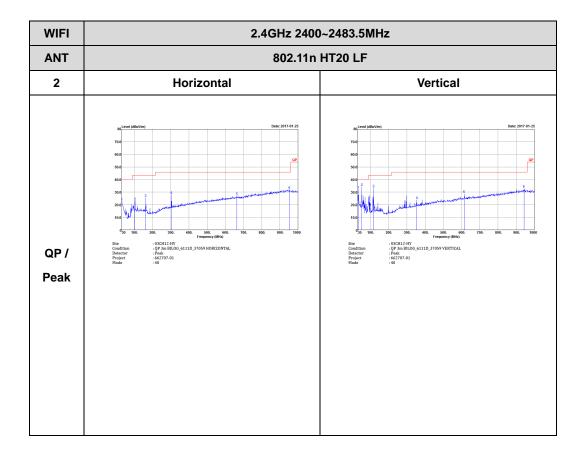






Emission below 1GHz

2.4GHz WIFI 802.11n HT20 (LF)



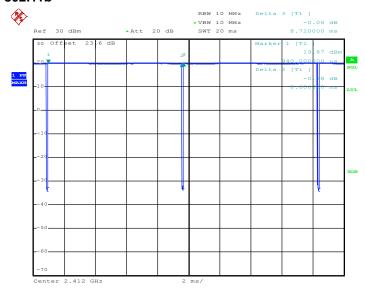
TEL: 886-3-327-3456 FAX: 886-3-328-4978



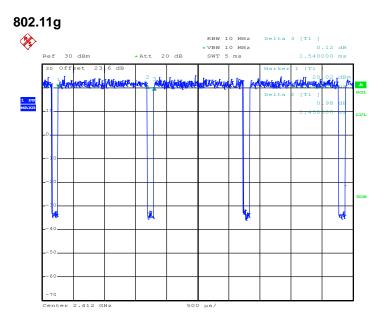
Appendix D. Duty Cycle Plots

| Antenna | Band | Duty Cycle(%) | T(us) | 1/T(kHz) | VBW Setting |
|---------|---------------------|------------------|---------|----------|----------------|
| 1 | 802.11b | 98.62 | - | - | 10Hz |
| 1 | 802.11g | 92.86 | 1430.00 | 0.70 | 1kHz |
| 1 | 2.4GHz 802.11n HT20 | 92.41 | 1340.00 | 0.75 | 1kHz |
| 2 | 802.11b | 98.62 | - | - | 10Hz |
| 2 | 802.11g | 92.86 | 1430.00 | 0.70 | 1kHz |
| 2 | 2.4GHz 802.11n HT20 | 92.36 | 1330.00 | 0.75 | 1kHz |

<Ant. 1> 802.11b

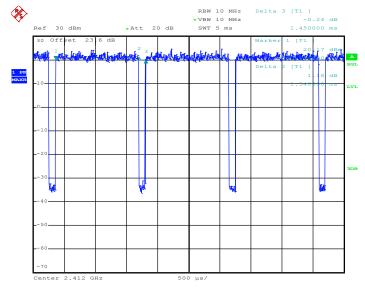


Date: 17.JAN.2017 15:03:06



Date: 17.JAN.2017 15:58:51

802.11n HT20



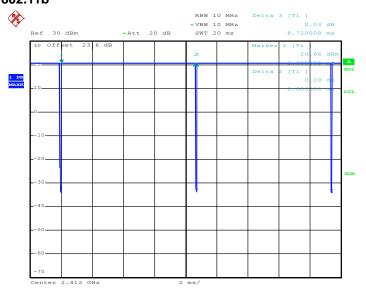
Date: 17.JAN.2017 16:40:00

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



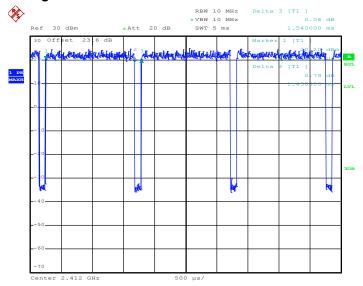






Date: 17.JAN.2017 15:34:02

802.11g

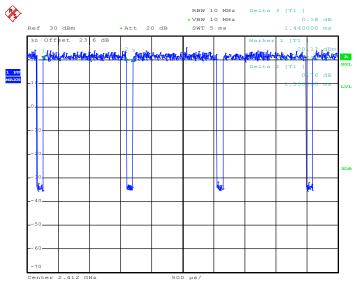


Date: 17.JAN.2017 16:17:26

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







Date: 17.JAN.2017 17:13:41

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