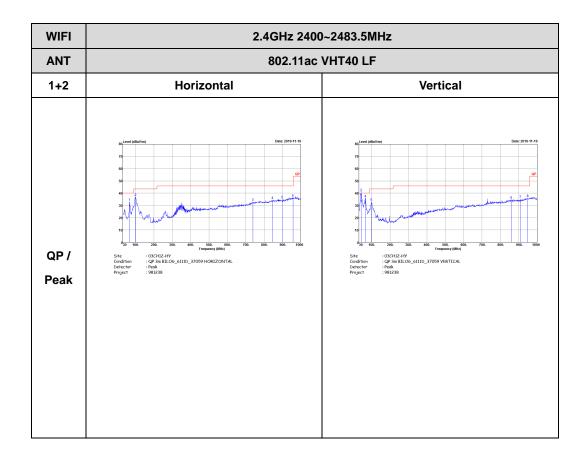
#### 2.4GHz 2400~2483.5MHz

Report No.: FR981238C

# Emission below 1GHz 2.4GHz WIFI 802.11ac VHT40 (LF)

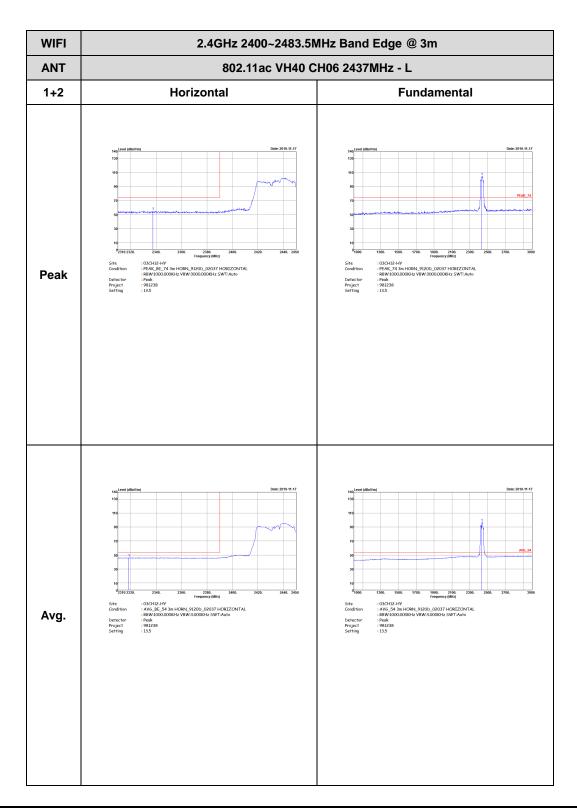


TEL: 886-3-327-3456 Page Number : C146 of C182

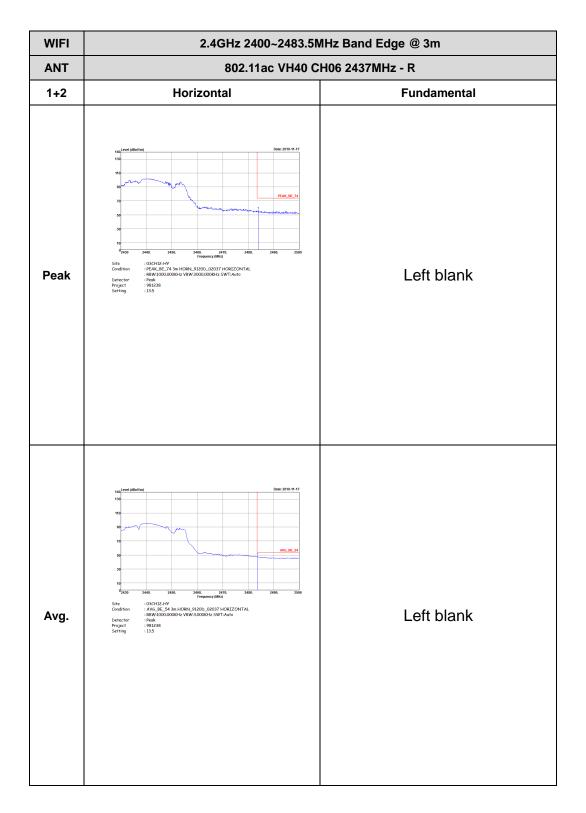
#### <For SKU 2>

Report No.: FR981238C

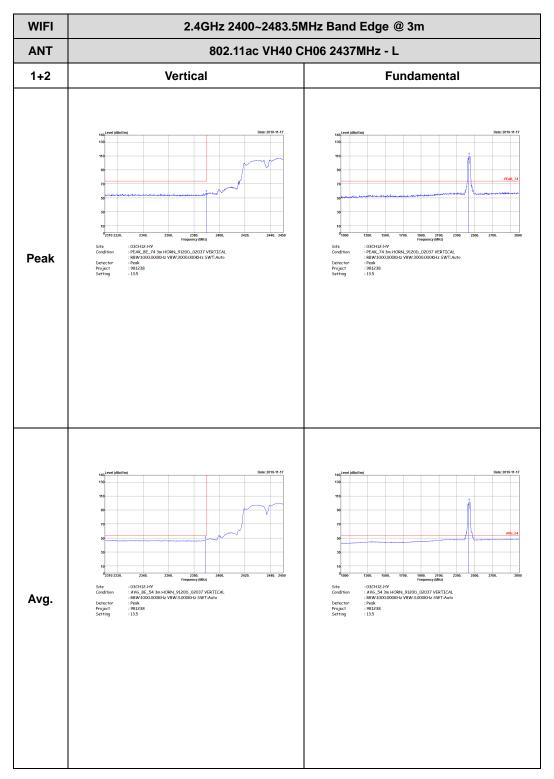
## 2.4GHz 2400~2483.5MHz WIFI 802.11ac VHT40 (Band Edge @ 3m)



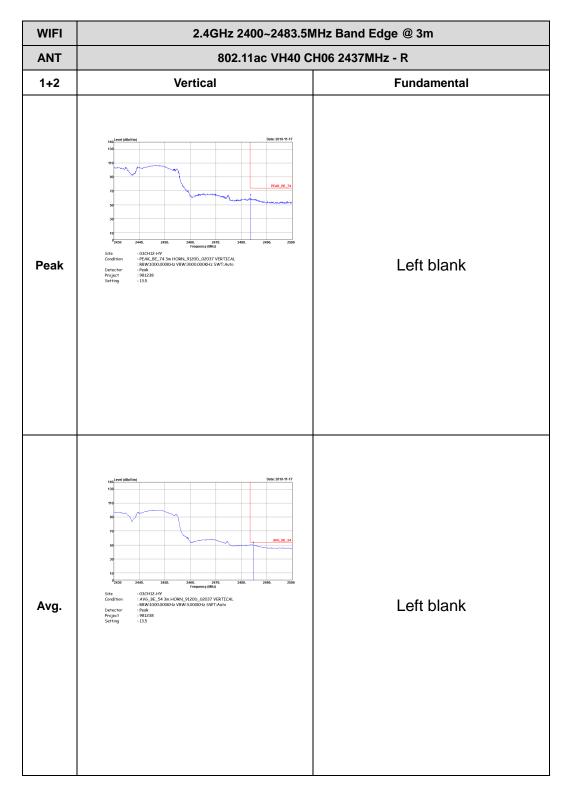
TEL: 886-3-327-3456 Page Number : C147 of C182



TEL: 886-3-327-3456 Page Number : C148 of C182



: C149 of C182 TEL: 886-3-327-3456 Page Number

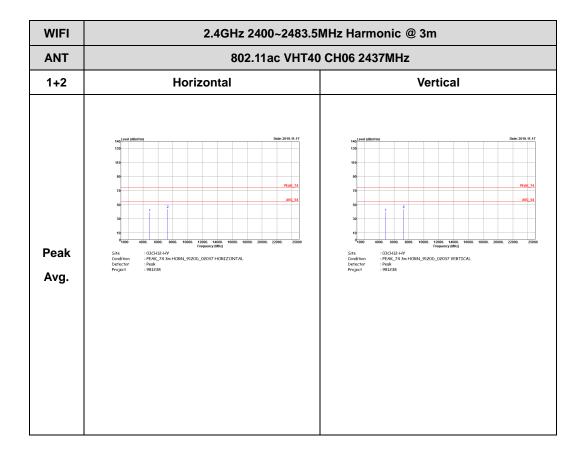


: C150 of C182 TEL: 886-3-327-3456 Page Number

## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT40 (Harmonic @ 3m)

Report No.: FR981238C



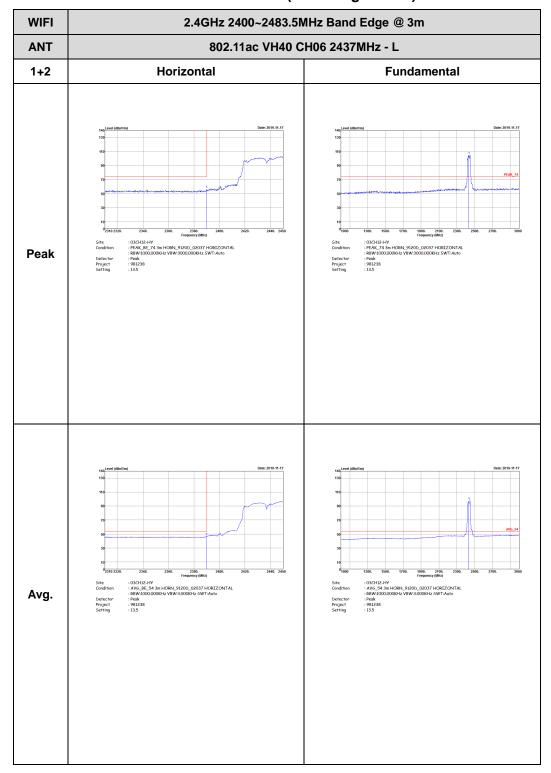
TEL: 886-3-327-3456 Page Number : C151 of C182

<For SKU 3>

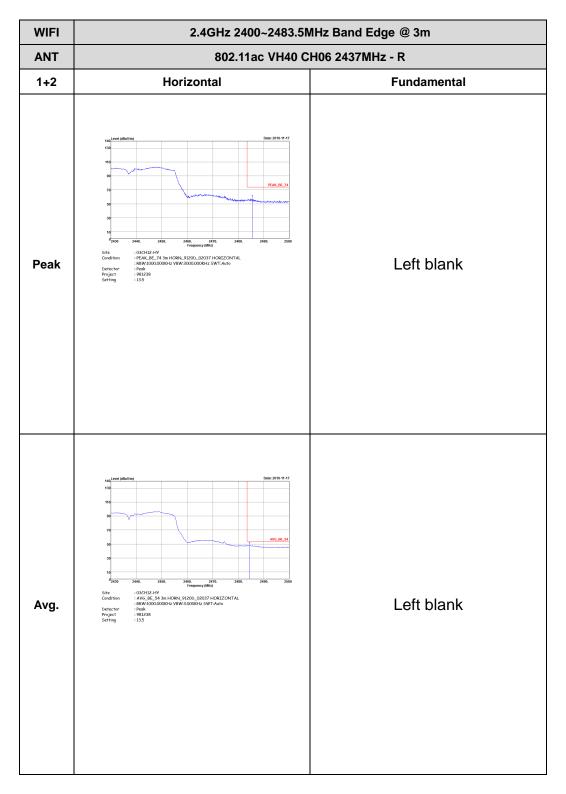
Report No.: FR981238C

### 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT40 (Band Edge @ 3m)

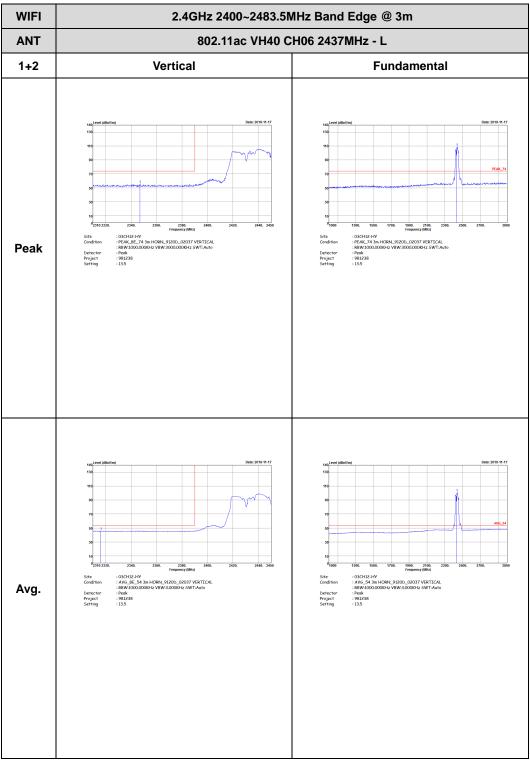


TEL: 886-3-327-3456 Page Number : C152 of C182



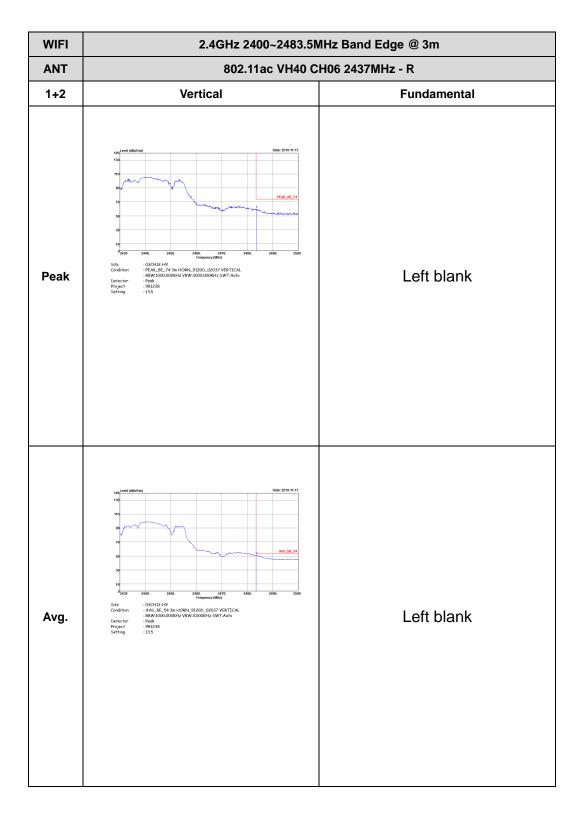
: C153 of C182 TEL: 886-3-327-3456 Page Number

FCC RADIO TEST REPORT



Report No.: FR981238C

: C154 of C182 TEL: 886-3-327-3456 Page Number

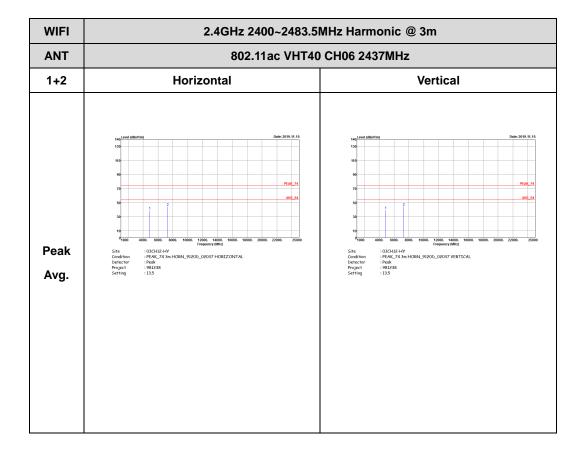


TEL: 886-3-327-3456 Page Number : C155 of C182

## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT40 (Harmonic @ 3m)

Report No.: FR981238C



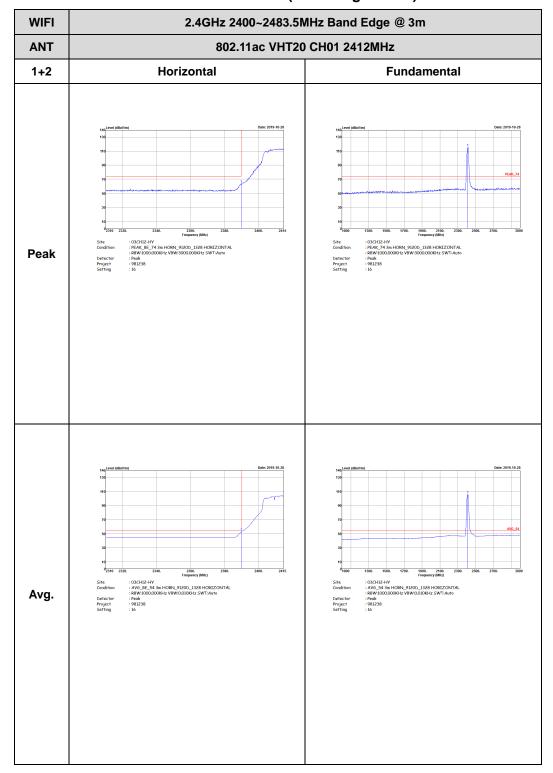
TEL: 886-3-327-3456 Page Number : C156 of C182

<For TXBF Mode>

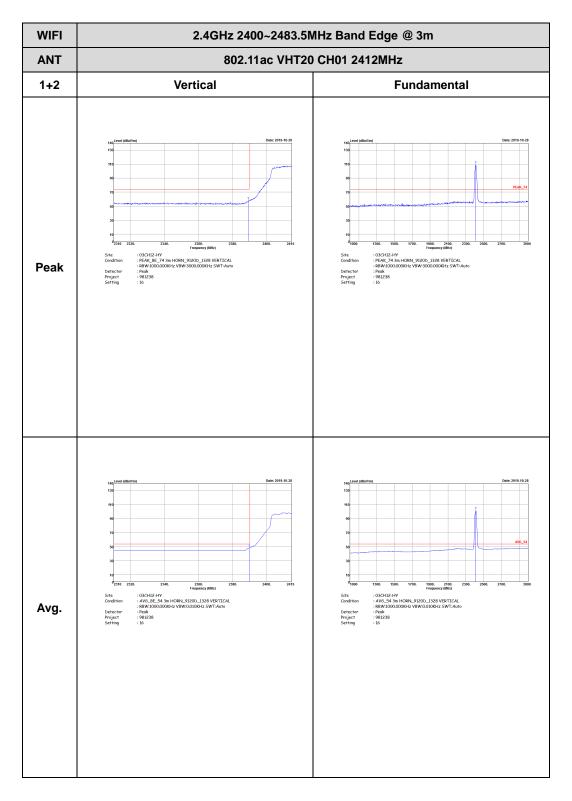
### 2.4GHz 2400~2483.5MHz

Report No.: FR981238C

## WIFI 802.11ac VHT20 (Band Edge @ 3m)

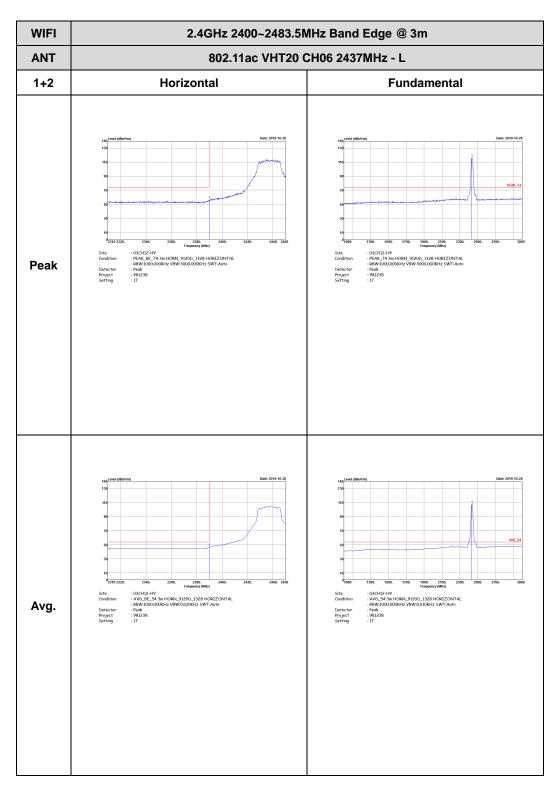


TEL: 886-3-327-3456 Page Number : C157 of C182



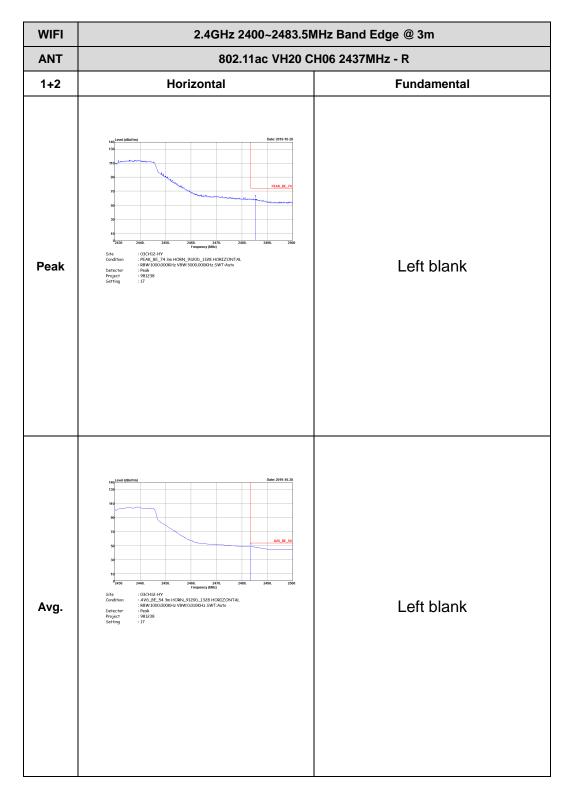
TEL: 886-3-327-3456 Page Number : C158 of C182

FCC RADIO TEST REPORT



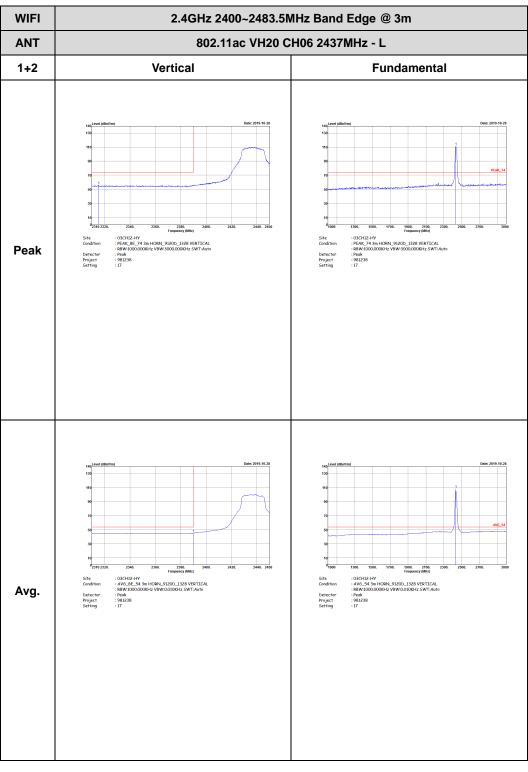
Report No.: FR981238C

TEL: 886-3-327-3456 Page Number : C159 of C182



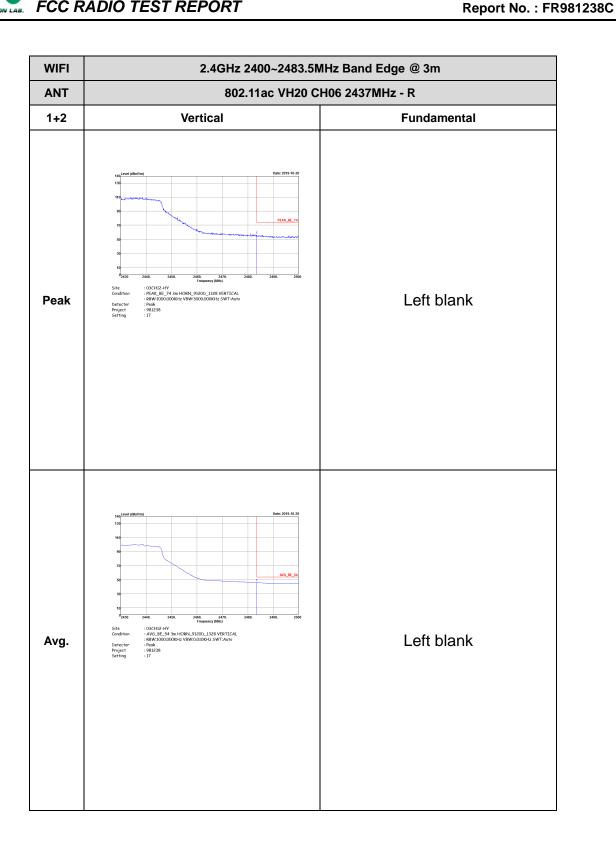
TEL: 886-3-327-3456 Page Number : C160 of C182





TEL: 886-3-327-3456 Page Number : C161 of C182

FAX: 886-3-328-4978

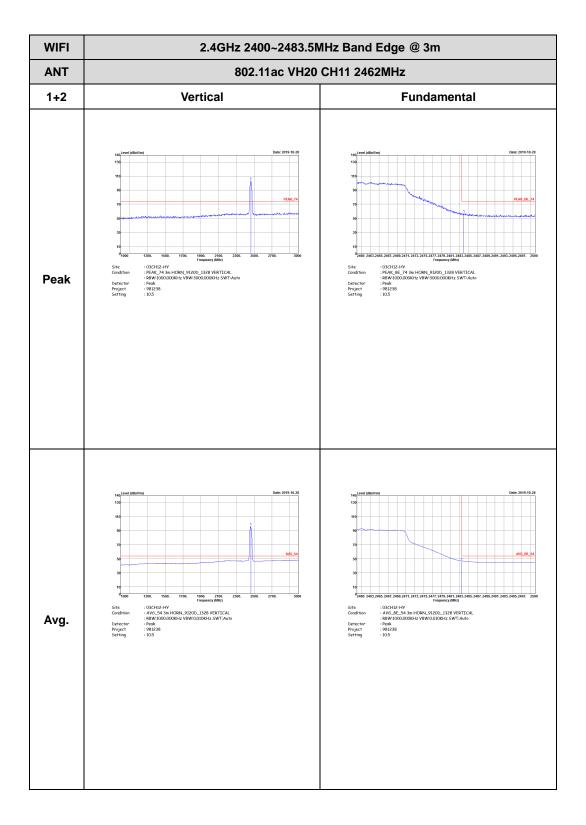


TEL: 886-3-327-3456 Page Number : C162 of C182

WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m 802.11ac VH20 CH11 2462MHz ANT 1+2 Horizontal **Fundamental** Peak : 03CH12-HY : AV6\_54 3m HORN\_91200\_1328 HORIZONTAL : 88W-1000.000KHz VBW-0.010KHz SWT-Auto : Peak : 981238 : 03CH12-HV : AV6\_BE\_54 3m HORN\_9120D\_1328 HORIZONTAL : R8W::1000.000KHz V8W:0.010KHz SWT:Auto : Peak : 981238 : 10.5 Avg.

Report No.: FR981238C

TEL: 886-3-327-3456 Page Number : C163 of C182 FAX: 886-3-328-4978

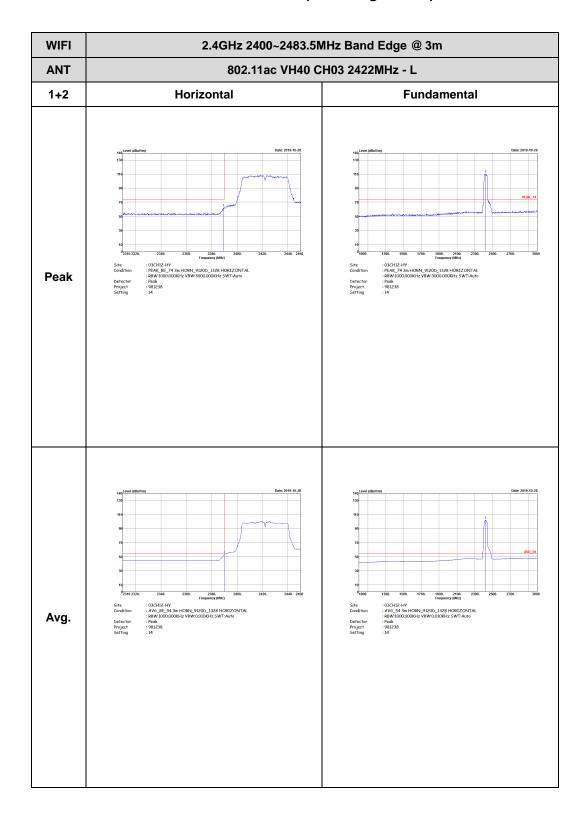


TEL: 886-3-327-3456 Page Number : C164 of C182

# 2.4GHz 2400~2483.5MHz

Report No.: FR981238C

### WIFI 802.11ac VHT40 (Band Edge @ 3m)



TEL: 886-3-327-3456 Page Number : C165 of C182

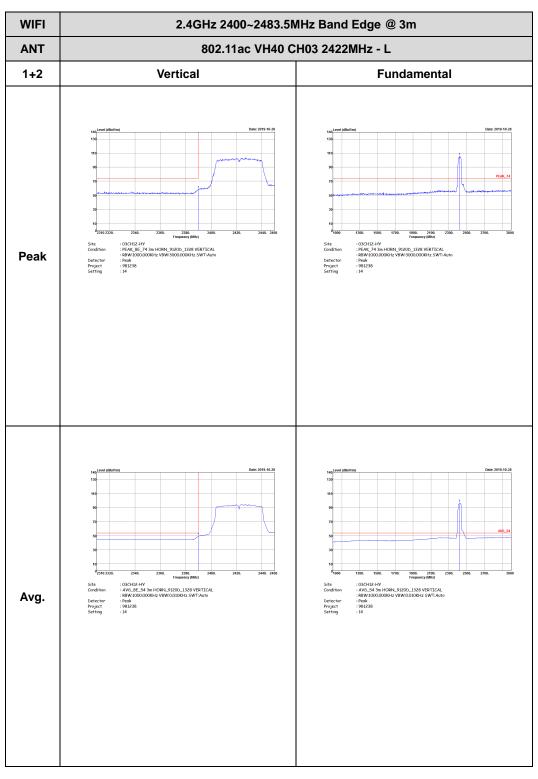
WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m ANT 802.11ac VH40 CH03 2422MHz - R 1+2 Horizontal **Fundamental** Left blank Peak

Report No.: FR981238C

: 03CH12-HY : AV6\_BE\_54 3m HORN\_9120D\_1328 HORIZONTAL : R8W:1000.000KHz V8W:0.010KHz SWT:Auto : Peak : 981238 :14 Left blank Avg.

TEL: 886-3-327-3456 Page Number : C166 of C182

FCC RADIO TEST REPORT



Report No.: FR981238C

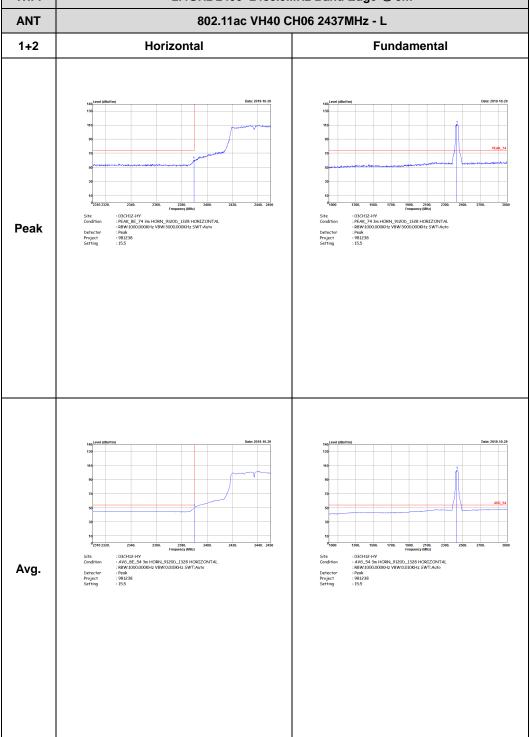
TEL: 886-3-327-3456 Page Number : C167 of C182

WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m ANT 802.11ac VH40 CH03 2422MHz - R 1+2 Vertical **Fundamental** Left blank Peak : 03CH12-HY : AV6\_BE\_94 3m HORN\_9120D\_1328 VERTICAL : 88W-1000,000KHz VBW-0,010KHz SWT:Auto : Peak : 981238 : 14 Left blank Avg.

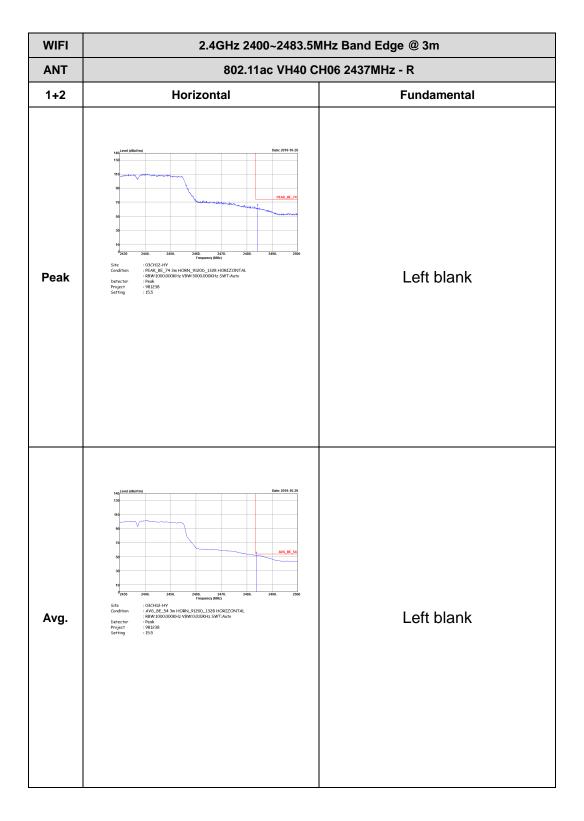
Report No.: FR981238C

TEL: 886-3-327-3456 Page Number : C168 of C182

Report No.: FR981238C WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m 802.11ac VH40 CH06 2437MHz - L



TEL: 886-3-327-3456 Page Number : C169 of C182



: C170 of C182 TEL: 886-3-327-3456 Page Number

WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m 802.11ac VH40 CH06 2437MHz - L ANT Vertical 1+2 **Fundamental** Peak : 03CH12-HY
: AV6\_BE\_94 3m HORN\_9120D\_1328 VERTICAL
: 88W-1000.000KHz VBW-0.010KHz SWT:Auto
: Peak
: 981238
: 1555 Avg.

Report No.: FR981238C

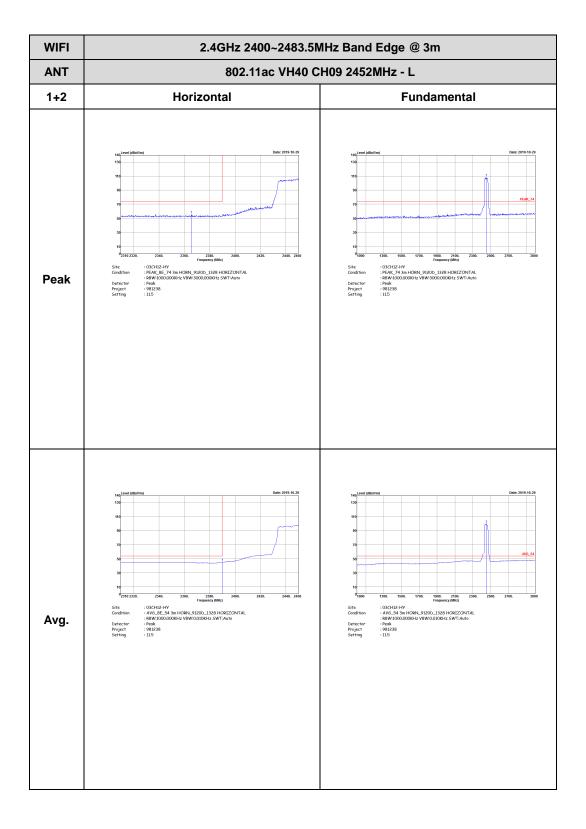
TEL: 886-3-327-3456 Page Number : C171 of C182

WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m 802.11ac VH40 CH06 2437MHz - R ANT 1+2 Vertical **Fundamental** Left blank Peak : 03CH12-HY : AV6\_BE\_94 3m HORN\_9120D\_1328 VERTICAL : 88W-100000KHz VBW-0.010KHz SWT:Auto : Peak : 981238 : 15.5 Left blank Avg.

Report No.: FR981238C

TEL: 886-3-327-3456 Page Number : C172 of C182





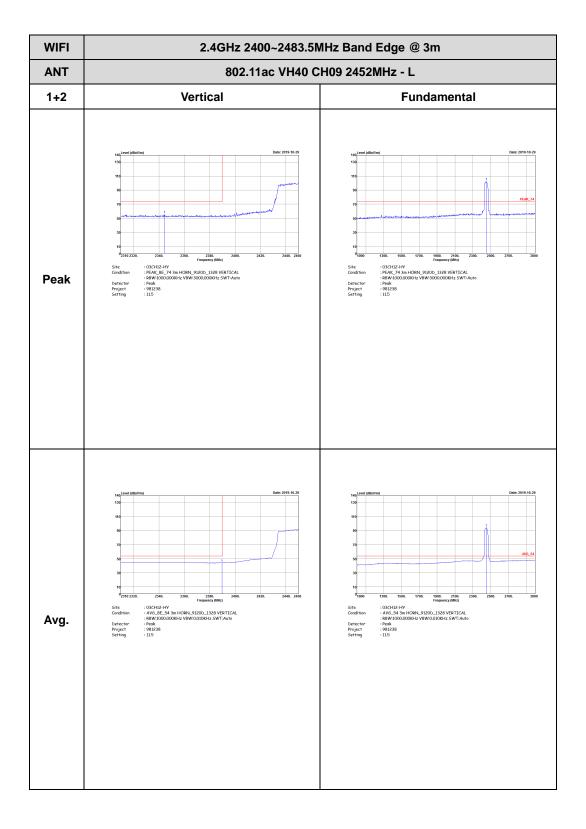
: C173 of C182 TEL: 886-3-327-3456 Page Number

WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m 802.11ac VH40 CH09 2452MHz - R ANT 1+2 Horizontal **Fundamental** Left blank Peak : 03CHI2-HV : AV6\_BE\_54 3m HORN\_9120D\_1328 HORIZONTAL : R8W±1000.000KHz V8W+0.010KHz SWT:Auto : Peak : 981238 : 11.5 Left blank Avg.

Report No.: FR981238C

TEL: 886-3-327-3456 Page Number : C174 of C182





: C175 of C182 TEL: 886-3-327-3456 Page Number

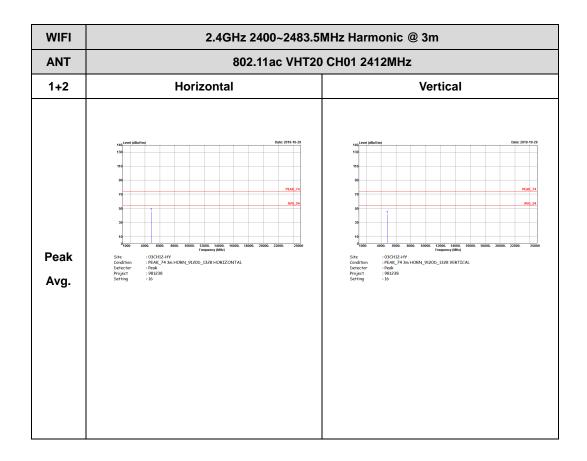
WIFI 2.4GHz 2400~2483.5MHz Band Edge @ 3m 802.11ac VH40 CH09 2452MHz - R ANT 1+2 Vertical **Fundamental** Left blank Peak : 03CH12-HY : AV6\_BE\_94 3m HORN\_9120D\_1328 VERTICAL : 88W-1000000KHz VBW-0.010KHz SWT:Auto : Peak : 981238 : 11.5 Left blank Avg.

Report No.: FR981238C

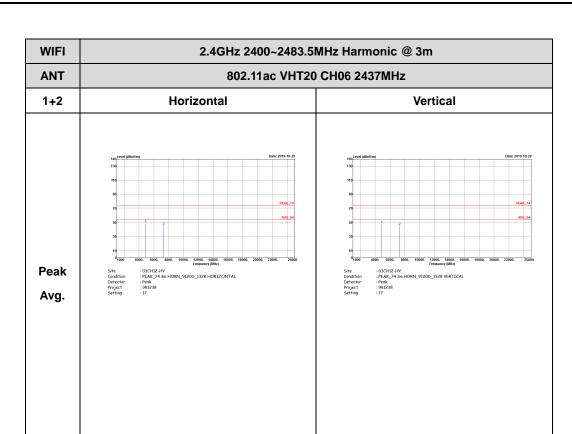
TEL: 886-3-327-3456 Page Number : C176 of C182

# 2.4GHz 2400~2483.5MHz WIFI 802.11ac VHT20 (Harmonic @ 3m)

Report No.: FR981238C



TEL: 886-3-327-3456 Page Number : C177 of C182



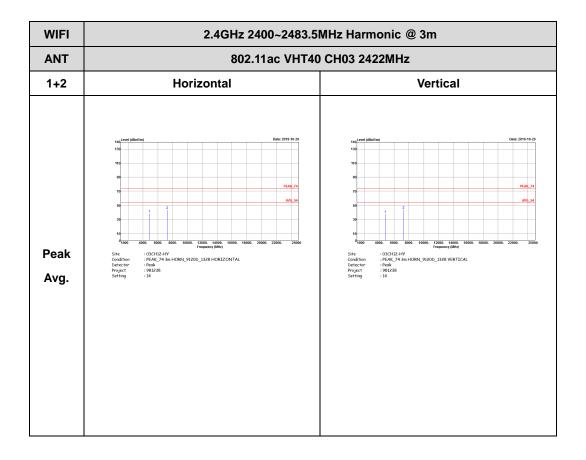
TEL: 886-3-327-3456 Page Number : C178 of C182

Report No.: FR981238C

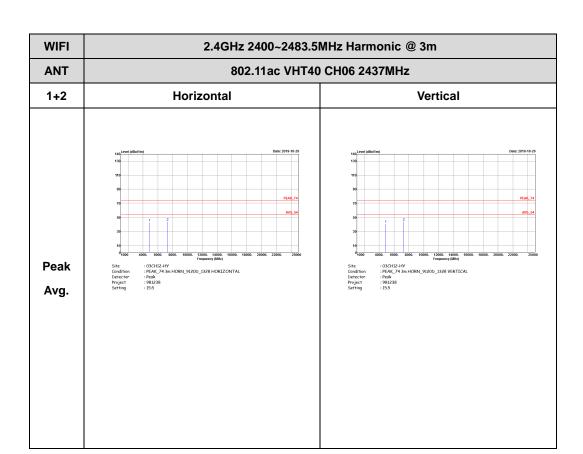
TEL: 886-3-327-3456 Page Number : C179 of C182

# 2.4GHz 2400~2483.5MHz WIFI 802.11ac VHT40 (Harmonic @ 3m)

Report No.: FR981238C



TEL: 886-3-327-3456 Page Number : C180 of C182



TEL: 886-3-327-3456 Page Number : C181 of C182

WIFI

2.4GHz 2400~2483.5MHz Harmonic @ 3m

802.11ac VHT40 CH09 2452MHz

1+2

Horizontal

Vertical

Peak
Avg.

Report No.: FR981238C

TEL: 886-3-327-3456 Page Number : C182 of C182

# **Appendix D. Duty Cycle Plots**

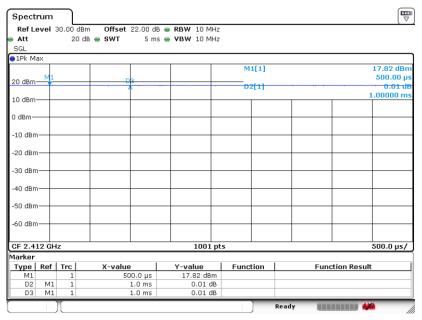
Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
1	802.11b	100.00	•	-	10Hz	0.00
2	802.11b	100.00	-	-	10Hz	0.00
1+2	802.11b for Ant. 1	100.00	-	-	10Hz	0.00
1+2	802.11b for Ant. 2	100.00	•	-	10Hz	0.00
1	802.11g	95.37	2060	0.49	1kHz	0.21
2	802.11g	95.37	2060	0.49	1kHz	0.21
1+2	802.11g for Ant. 1	95.81	2057	0.49	1kHz	0.19
1+2	802.11g for Ant. 2	95.49	2073	0.48	1kHz	0.20
1	2.4GHz 802.11n HT20	95.32	1933	0.52	1kHz	0.21
2	2.4GHz 802.11n HT20	95.30	1925	0.52	1kHz	0.21
1+2	2.4GHz 802.11n HT20 for Ant. 1	95.30	1925	0.52	1kHz	0.21
1+2	2.4GHz 802.11n HT20 for Ant. 2	95.05	1920	0.52	1kHz	0.22
1	2.4GHz 802.11n HT40	90.77	944	1.06	3kHz	0.42
2	2.4GHz 802.11n HT40	90.29	949	1.05	3kHz	0.44
1+2	2.4GHz 802.11n HT40 for Ant. 1	91.67	946	1.06	3kHz	0.38
1+2	2.4GHz 802.11n HT40 for Ant. 2	91.87	949	1.05	3kHz	0.37
1	2.4GHz 802.11ac VHT20	95.33	1938	0.52	1kHz	0.21
2	2.4GHz 802.11ac VHT20	95.56	1938	0.52	1kHz	0.20
1+2	2.4GHz 802.11ac VHT20 for Ant. 1	95.32	1935	0.52	1kHz	0.21
1+2	2.4GHz 802.11ac VHT20 for Ant. 2	95.47	1939	0.52	1kHz	0.20
1	2.4GHz 802.11ac VHT40	90.95	955	1.05	3kHz	0.41
2	2.4GHz 802.11ac VHT40	90.96	946	1.06	3kHz	0.41
1+2	2.4GHz 802.11ac VHT40 for Ant. 1	90.65	950	1.05	3kHz	0.43
1+2	2.4GHz 802.11ac VHT40 for Ant. 2	91.09	951	1.05	3kHz	0.41

Report No.: FR981238C

TEL: 886-3-327-3456 Page Number : D-1 of 13

#### <Ant. 1>

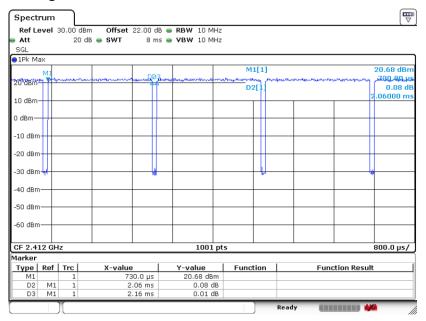
#### 802.11b



Report No.: FR981238C

Date: 10.SEP.2019 19:23:47

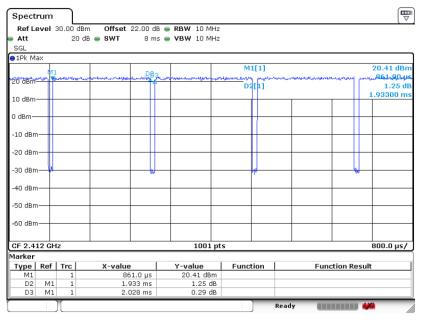
#### 802.11g



Date: 9.0CT.2019 23:08:58

TEL: 886-3-327-3456 Page Number : D-2 of 13

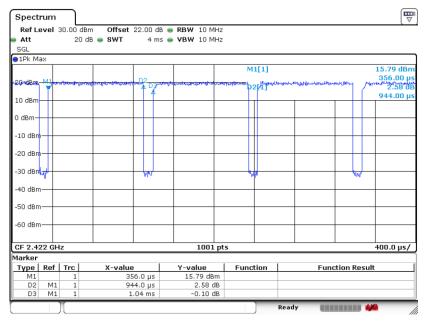




Report No.: FR981238C

Date: 9.0CT.2019 23:54:10

#### 802.11n HT40

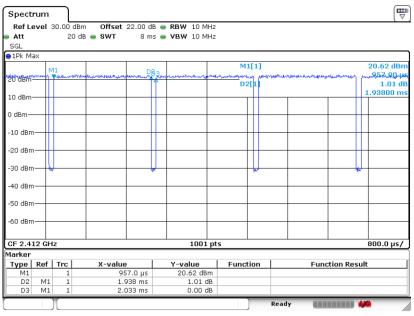


Date: 10.0CT.2019 00:25:10

TEL: 886-3-327-3456 Page Number : D-3 of 13



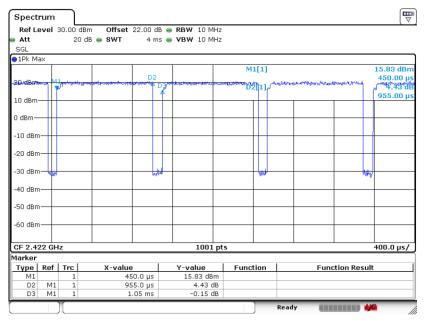
## 802.11ac VHT20



Report No.: FR981238C

Date: 10.0CT.2019 00:05:35

#### 802.11ac VHT40

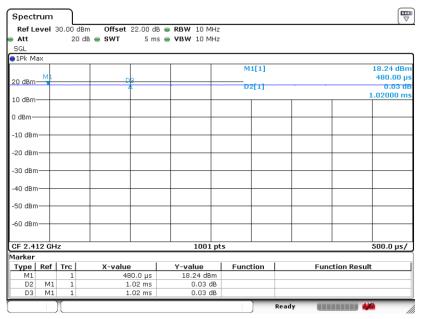


Date: 10.0CT.2019 00:32:32

TEL: 886-3-327-3456 Page Number : D-4 of 13 FAX: 886-3-328-4978

<Ant. 2>

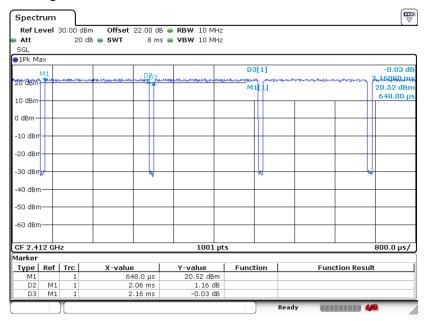
#### 802.11b



Report No.: FR981238C

Date: 10.SEP.2019 19:31:35

### 802.11g

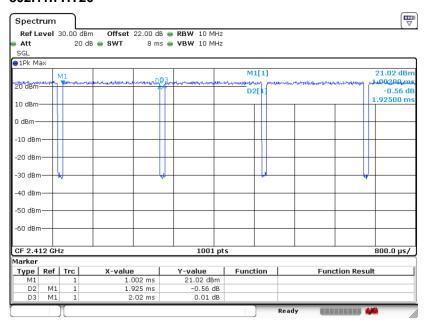


Date: 9.0CT.2019 23:14:12

FAX: 886-3-328-4978

TEL: 886-3-327-3456 Page Number : D-5 of 13

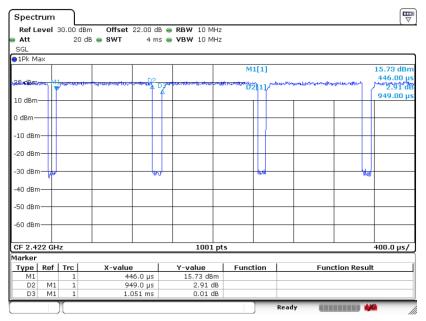




Report No.: FR981238C

Date: 9.0CT.2019 23:56:12

#### 802.11n HT40



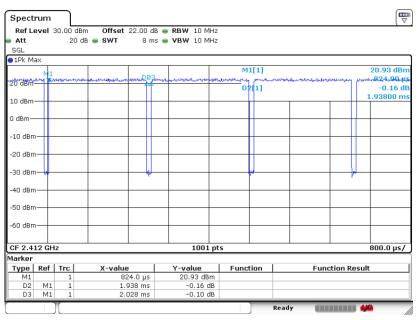
Date: 10.0CT.2019 00:26:53

TEL: 886-3-327-3456 Page Number : D-6 of 13



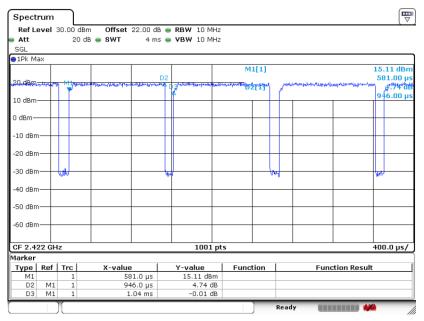
#### Report No.: FR981238C

#### 802.11ac VHT20



Date: 10.0CT.2019 00:07:45

#### 802.11ac VHT40

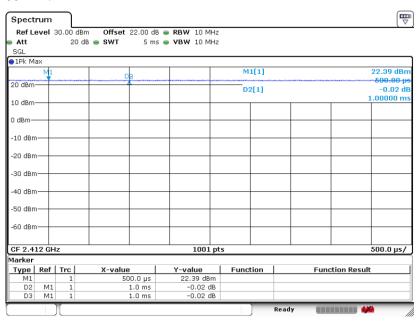


Date: 10.0CT.2019 00:37:02

TEL: 886-3-327-3456 Page Number : D-7 of 13

#### MIMO <Ant. 1>

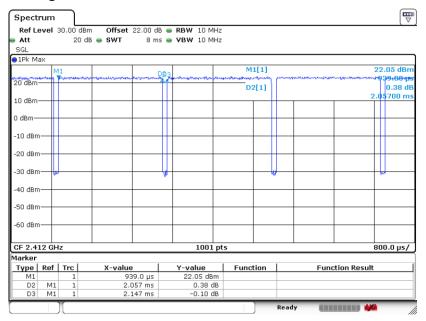
#### 802.11b



Report No.: FR981238C

Date: 9.0CT.2019 23:00:46

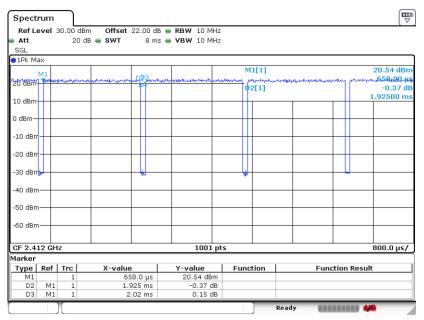
#### 802.11g



Date: 9.0CT.2019 23:20:23

TEL: 886-3-327-3456 Page Number : D-8 of 13

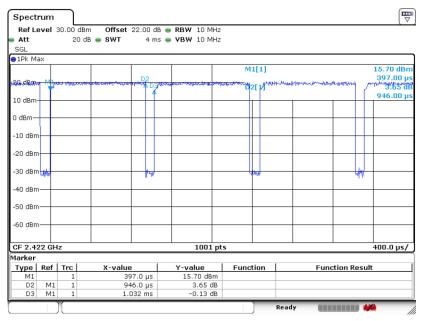




Report No.: FR981238C

Date: 9.0CT.2019 23:58:24

#### 802.11n HT40

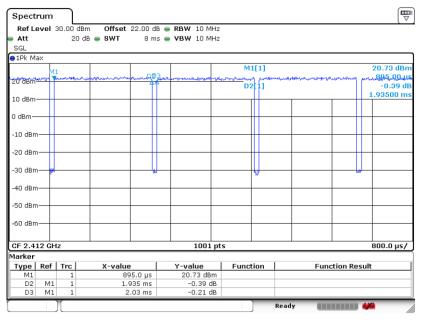


Date: 10.0CT.2019 00:28:34

TEL: 886-3-327-3456 Page Number : D-9 of 13



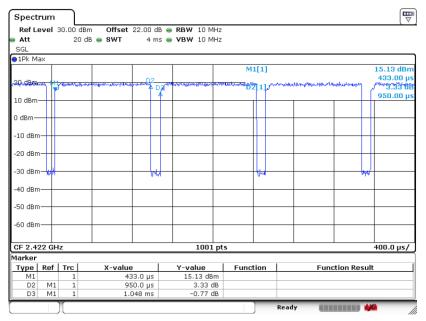
#### 802.11ac VHT20



Report No.: FR981238C

Date: 10.0CT.2019 00:09:37

#### 802.11ac VHT40

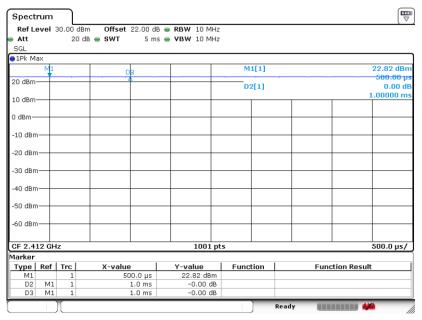


Date: 10.0CT.2019 00:38:27

TEL: 886-3-327-3456 Page Number : D-10 of 13

#### MIMO <Ant. 2>

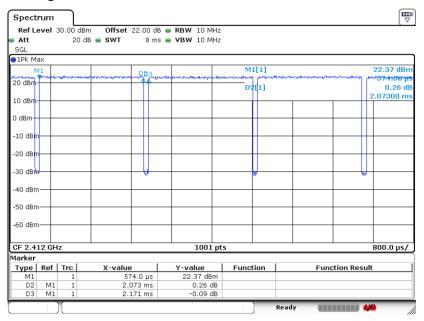
#### 802.11b



Report No.: FR981238C

Date: 9.0CT.2019 23:01:44

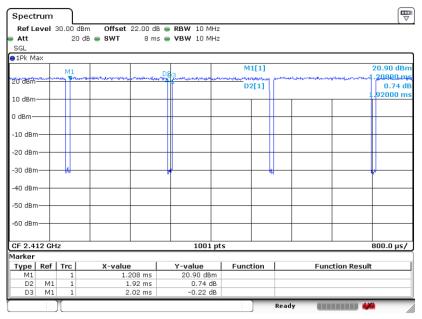
#### 802.11g



Date: 9.0CT.2019 23:21:44

TEL: 886-3-327-3456 Page Number : D-11 of 13

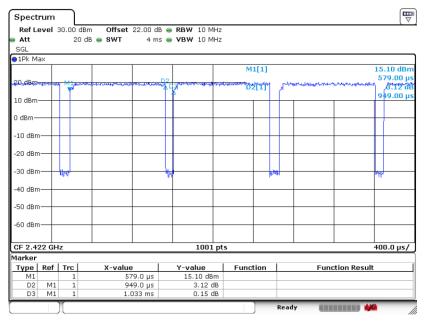




Report No.: FR981238C

Date: 9.0CT.2019 23:59:37

#### 802.11n HT40

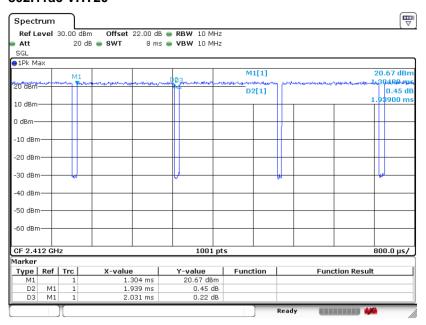


Date: 10.0CT.2019 00:30:11

TEL: 886-3-327-3456 Page Number: D-12 of 13



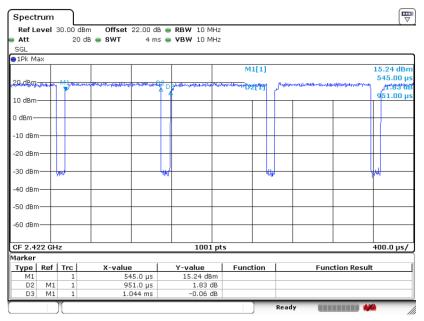
# 802.11ac VHT20



Report No.: FR981238C

Date: 10.0CT.2019 00:10:47

#### 802.11ac VHT40



Date: 10.0CT.2019 00:41:57

TEL: 886-3-327-3456 Page Number : D-13 of 13