



## Radio Test Report

**Report No.:** RJ180514E06-1

**Test Model:** PT-SH700A

**Received Date:** May 30, 2018

**Test Date:** June 05 to 13, 2018

**Issued Date:** Oct. 08, 2018

**Applicant:** ARRIS International plc

**Address:** 3871 Lakefield Dr. Suwanee, GA 30024 United States

**Issued By:** Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch  
Hsin Chu Laboratory

**Lab Address:** E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300,  
Taiwan R.O.C.

**Test Location:** E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300,  
Taiwan R.O.C.



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Release Control Record

Issue No.	Description	Date Issued
RJ180514E06-1	Original release.	Oct. 08, 2018



## 1 Certificate of Conformity

**Product:** ZH4330SSP, Set-top Box

**Brand:** ARRIS

**Test Model:** PT-SH700A

**Sample Status:** ENGINEERING SAMPLE


**Applicant:** ARRIS International plc

**Test Date:** June 05 to 13, 2018

**Standards:** ARIB STD-T71 (V6.1), MIC notice 88 Appendix 45

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

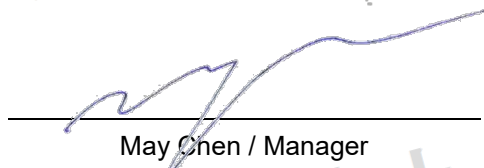
**Prepared by :**

  
Phoenix Huang / Specialist

**Date:**

Oct. 08, 2018

**Approved by :**

  
May Chen / Manager

**Date:**

Oct. 08, 2018



## 2 Summary of Test Results

The EUT has been tested according to the following specifications:

Notice 88 Appendix 45 Reference	ARIB STD-T71 Ref.	Report Reference	Parameter	Test Results (Note)
<b>General Provisions</b>				
C	3.1.2 (4)	4.1	Frequency tolerance	C
D	3.1.2 (11)	4.2	Occupied bandwidth	C
E	3.1.2 (8)	4.3	Spurious emissions	C
<b>Transmitting Equipment</b>				
F	3.1.2 (3)	4.6	Tolerance of antenna power	C
--	--	--	SAR	NA
<b>Transmitting Antenna</b>				
--	--	3.5	Type, configuration, etc. of transmitting antenna	C
--	--	3.5	Direction pattern of transmitting antenna	C
<b>Receiving Equipment</b>				
H	3.1.3 (1)	4.7	Spurious emissions of receiver	C
--	--	3.5	Refer to all articles for transmitting antenna	C
<b>Operating Frequency (W52+W53+W56)</b>				
--	3.1.8 (1)	3.4	High frequency / modulation section can not be opened easily	C
--	3.1.1(1)	3.1	Communication method	C
--	3.1.2 (1)	3.1	Modulation method	C
--	3.1.2 (6)	3.1	Signal transmission rate	C
--	3.1.2 (7)	4.8	Burst length	C
--	3.1.2 (2)	4.6	Antenna power	C
--	3.1.2 (5)	4.6	Isotropically radiated power	C
--	3.1.2 (1)	4.11	Number of carriers within 1 MHz bandwidth in OFDM	C
--	3.1.2 (10)	4.4	Out-band leakage power	C
--	3.1.2 (9)	4.5	Adjacent channel leakage power	C
--	3.1.4.1	4.9	Interference Prevention Function	C
--	3.1.7(1)	4.10	Carrier sense capability	C
--	3.1.7(2)	--	Dynamic frequency selection	NA

Note: 1. C = Conform NC = Not Conform NT = Not Tested NA = Not Applicable

## 2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in TR 100 028-1.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of  $k=2$ .

Parameter	Uncertainty
Occupied Bandwidth	1620.33 Hz
Spurious emissions	2.52 dB
Output power density	1.37 dB
Adjacent Channel Leakage Power	0.71 dB
Out of band radiated power	2.52 dB
Frequency Tolerance	1620.33 Hz
Burst length	2.23 ms

## 2.2 Modification Record

There were no modifications required for compliance.

### 3 General Information

#### 3.1 General Description of EUT

Product	ZH4330SSP, Set-top Box
Brand	ARRIS
Test Model	PT-SH700A
Status of EUT	ENGINEERING SAMPLE
Nominal Voltage	12Vdc from power adapter
Modulation Type	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode only
Modulation Technology	DSSS, OFDM
Transfer Rate	802.11b: up to 11Mbps 802.11g: up to 54Mbps 802.11n: up to 300Mbps 802.11ac: up to 866.7Mbps
Operating Frequency	<b>2.4GHz:</b> 2.412 ~ 2.472GHz <b>5GHz:</b> 5.18 ~ 5.24GHz, 5.26 ~ 5.32GHz, 5.5 ~ 5.7GHz
Number of Channel	<b>2.4GHz:</b> 802.11b, 802.11g, 802.11n (HT20): 13 802.11n (HT40): 9 <b>5GHz:</b> 802.11a, 802.11n (HT20), 802.11ac (VHT20): 19 802.11n (HT40), 802.11ac (VHT40): 9 802.11ac (VHT80): 4
Rated RF Output Power Density	Refer to Note
Conducted RF Output Power Density	Refer to Note
Radiated RF Output Power Density	Refer to Note
Antenna Type	Refer to section 3.5
Antenna Connector	Refer to section 3.5
Accessory Device	Adapter x1 Remote controller (RCU) x 1
Data Cable Supplied	HDMI cable × 1 (unshielded, 1.5m)



Note:

1. Simultaneously transmission condition.

Condition	Technology	
1	WLAN 2.4GHz	WLAN 5GHz

2. The EUT needs to be supplied from power adapter, the information is as below table:

Brand	Model No.	Spec.
AcBel	ADJ007	Input: 100Vac, 0.8A Max, 50/60Hz Output: 12Vdc, 2.5A (unshielded, 1.8m)

3. The EUT incorporates a MIMO function.

2.4GHz Band			
MODULATION MODE	DATA RATE (MCS)	TX & RX CONFIGURATION	
802.11b	1 ~ 11Mbps	2TX	2RX
802.11g	6 ~ 54Mbps	2TX	2RX
802.11n (HT20)	MCS 0~7	2TX	2RX
	MCS 8~15	2TX	2RX
802.11n (HT40)	MCS 0~7	2TX	2RX
	MCS 8~15	2TX	2RX
5GHz Band			
MODULATION MODE	DATA RATE (MCS)	TX & RX CONFIGURATION	
802.11a	6 ~ 54Mbps	2TX	2RX
802.11n (HT20)	MCS 0~7	2TX	2RX
	MCS 8~15	2TX	2RX
802.11n (HT40)	MCS 0~7	2TX	2RX
	MCS 8~15	2TX	2RX
802.11ac (VHT20)	MCS0~8 Nss= 1	2TX	2RX
	MCS0~8 Nss= 2	2TX	2RX
802.11ac (VHT40)	MCS0~9 Nss= 1	2TX	2RX
	MCS0~9 Nss= 2	2TX	2RX
802.11ac (VHT80)	MCS0~9 Nss= 1	2TX	2RX
	MCS0~9 Nss= 2	2TX	2RX

Note:

1. The modulation and bandwidth are similar for 802.11n mode for 20MHz (40MHz) and 802.11ac mode for 20MHz (40MHz), therefore investigated worst case to representative mode in test report.

2. All of modulation mode support beamforming function except (2.4GHz & 802.11a) modulation mode.

4. The power table as below table:

Modulation Mode	Rated output power density (mW/MHz)	Conducted RF output power density (mW/MHz)	Radiated RF output power density (mW/MHz)
<b>W52</b>			
802.11a	4	3.991	9.819
802.11ac (VHT20)	4	3.991	9.819
802.11ac (VHT40)	2	1.996	4.911
802.11ac (VHT80)	1	0.998	2.455
<b>W53</b>			
802.11a	4	3.973	9.775
802.11ac (VHT20)	4	4	9.841
802.11ac (VHT40)	2	1.996	4.911
802.11ac (VHT80)	1	0.993	2.443
<b>W56</b>			
802.11a	8	7.927	19.503
802.11ac (VHT20)	8	7.483	18.411
802.11ac (VHT40)	4	3.865	9.509
802.11ac (VHT80)	2	1.762	4.335

5. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

### 3.2 Description of Test Modes

#### Operated in 5180 ~ 5320MHz band (W52 & W53):

8 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Freq. (MHz)	Channel	Freq. (MHz)
<b>36</b>	<b>5180</b>	<b>52</b>	<b>5260</b>
40	5200	56	5280
44	5220	60	5300
<b>48</b>	<b>5240</b>	<b>64</b>	<b>5320</b>

4 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Freq. (MHz)	Channel	Freq. (MHz)
<b>38</b>	<b>5190</b>	<b>54</b>	<b>5270</b>
<b>46</b>	<b>5230</b>	<b>62</b>	<b>5310</b>

2 channels are provided for 802.11ac (VHT80):

Channel	Freq. (MHz)	Channel	Freq. (MHz)
<b>42</b>	<b>5210</b>	<b>58</b>	<b>5290</b>

#### Operated in 5500 ~ 5700MHz band (W56):

11 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Freq. (MHz)	Channel	Freq. (MHz)
<b>100</b>	<b>5500</b>	124	5620
104	5520	128	5640
108	5540	132	5660
112	5560	136	5680
116	5580	<b>140</b>	<b>5700</b>
<b>120</b>	<b>5600</b>		

5 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Freq. (MHz)	Channel	Freq. (MHz)
<b>102</b>	<b>5510</b>	126	5630
110	5550	<b>134</b>	<b>5670</b>
<b>118</b>	<b>5590</b>		

2 channels are provided for 802.11ac (VHT80):

Channel	Freq. (MHz)	Channel	Freq. (MHz)
<b>106</b>	<b>5530</b>	<b>122</b>	<b>5610</b>

Note:

- The channels which were indicated in bold type of the above channel list were selected as representative test channel. Therefore only the data of the test channels were recorded in this report.

By means of test software (Mtool 3.0.0.6) provided by manufacture, the power levels during the tests were set according to the following codes:

**Operated in 5180 ~ 5320MHz band (W52 & W53):**

802.11a		802.11ac (VHT20)		802.11ac (VHT40)		802.11ac (VHT80)	
Channel	Power Setting	Channel	Power Setting	Channel	Power Setting	Channel	Power Setting
36	59	36	62	38	60	42	61
48	60	48	61	46	60	58	62
52	60	52	60	54	60		
64	59	64	60	62	59		

**Operated in 5500 ~ 5700MHz band (W56):**

802.11a		802.11ac (VHT20)		802.11ac (VHT40)		802.11ac (VHT80)	
Channel	Power Setting	Channel	Power Setting	Channel	Power Setting	Channel	Power Setting
100	72	100	71	102	69	106	66
120	72	120	70	118	69	122	71
140	73	140	73	134	69		

### 3.3 Test Conditions

Test Conditions		Voltage (Vdc)
$V_{normal}$		12
$V_{max.}$	+10%	13.2
$V_{min.}$	-10%	10.8

### 3.4 Assembly

The EUT is constructed as a ZH4330SSP, Set-top Box. The housing consists of two parts, and the plastic enclosure was fixed together by special type screw (Please refer the attach file -Screw spec.). Separating the two parts was only possible by special tools.



### 3.5 Antenna Specifications

#### 3.5.1 Antenna Gain

Antenna No.	Transmitter Circuit	Brand	Model No.	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connector Type
1	Chain (0)	Cingxin	A176-I00-A051-0001	2.9	2.4~2.4835	PIFA	i-pex(MHF)
		Cingxin		3.64	5.15~5725		
2	Chain (1)	Cingxin	A176-I00-A051-0002	2.93	2.4~2.4835	PIFA	i-pex(MHF)
		Cingxin		3.91	5.15~5725		

#### 3.5.2 Antenna Pattern

Please refer the attach file – antenna pattern.



## 4 Test Results

### 4.1 Frequency Tolerance Measurement

#### 4.1.1 Limits of Frequency Tolerance Measurement

Tolerance of frequency shall be +/- 20ppm

#### 4.1.2 Test Setup



#### 4.1.3 Test Results

802.11a / 802.11ac (VHT20)

Environmental Conditions		25 deg.C, 60% RH					
Channel	Frequency (MHz)	V <sub>normal</sub>		V <sub>max.</sub>		V <sub>min.</sub>	
		Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)
36	5180	5179.997840	-0.416	5179.994960	-0.972	5179.993040	-1.343
48	5240	5239.996280	-0.709	5239.994000	-1.145	5239.992960	-1.343
52	5260	5259.995760	-0.806	5259.993400	-1.254	5259.992560	-1.414
64	5320	5319.993840	-1.157	5319.992760	-1.360	5319.991960	-1.511
100	5500	5499.994000	-1.090	5499.991760	-1.498	5499.992040	-1.447
120	5600	5599.994840	-0.921	5599.992200	-1.392	5599.991600	-1.500
140	5700	5699.994160	-1.024	5699.991600	-1.473	5699.991440	-1.501

### 802.11ac (VHT40)

Environmental Conditions		25 deg.C, 60% RH					
Channel	Frequency (MHz)	V <sub>normal</sub>		V <sub>max.</sub>		V <sub>min.</sub>	
		Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)
38	5190	5189.998360	-0.315	5189.996560	-0.662	5189.996080	-0.755
46	5230	5229.993720	-1.200	5229.992680	-1.399	5229.992640	-1.407
54	5270	5269.995760	-0.804	5269.993680	-1.199	5269.992680	-1.388
62	5310	5309.995480	-0.851	5309.993640	-1.197	5309.992640	-1.386
102	5510	5509.993640	-1.154	5509.992440	-1.372	5509.991640	-1.517
118	5590	5589.994360	-1.008	5589.992200	-1.395	5589.991720	-1.481
134	5670	5669.994040	-1.051	5669.992840	-1.262	5669.992080	-1.396

### 802.11ac (VHT80)

Environmental Conditions		25 deg.C, 60% RH					
Channel	Frequency (MHz)	V <sub>normal</sub>		V <sub>max.</sub>		V <sub>min.</sub>	
		Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)
42	5210	5209.994880	-0.982	5209.993200	-1.305	5209.992120	-1.512
58	5290	5289.993800	-1.172	5289.992600	-1.398	5289.992640	-1.391
106	5530	5529.993880	-1.106	5529.992360	-1.381	5529.991680	-1.504
122	5610	5609.994680	-0.948	5609.993240	-1.204	5609.992080	-1.411

## 4.2 Occupied Bandwidth Measurement (99% power bandwidth)

### 4.2.1 Limits of Occupied Bandwidth Measurement

Item	Operating Band	Limit	Remark
Occupied bandwidth	W52 & W53	<19MHz	802.11a/n(HT20)/ac(VHT20)
Occupied bandwidth	W56	<19.7MHz	802.11a/n(HT20)/ac(VHT20)
Occupied bandwidth	W52 & W53 & W56	<38MHz	802.11n(HT40)/ac(VHT40)
Occupied bandwidth	W52 & W53 & W56	<78MHz	802.11ac(VHT80)

### 4.2.2 Test Setup





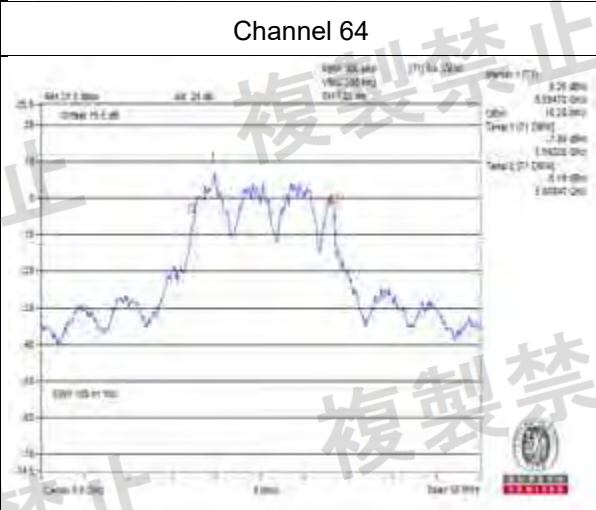
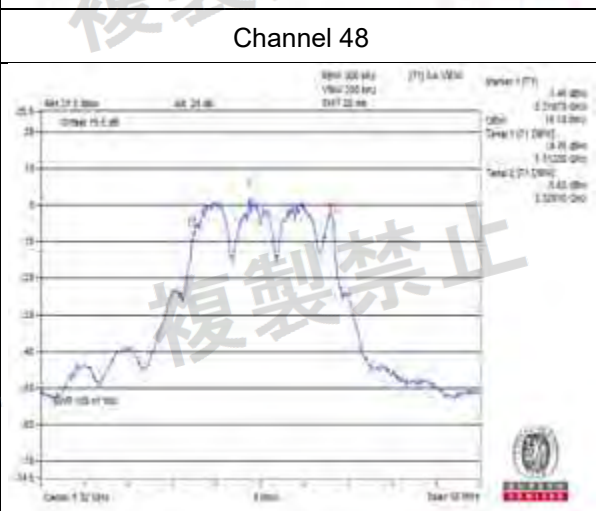
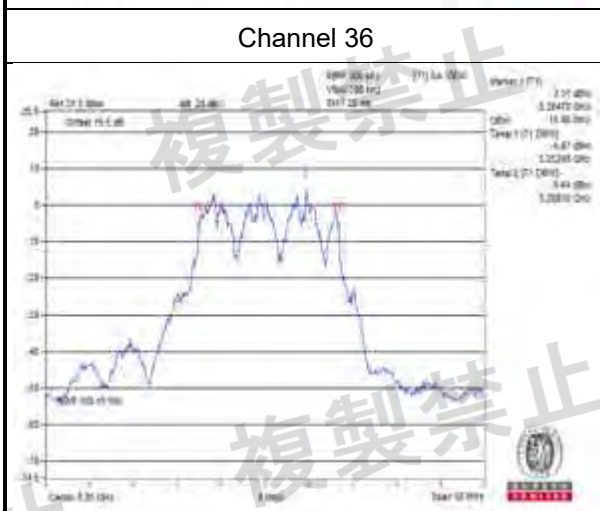
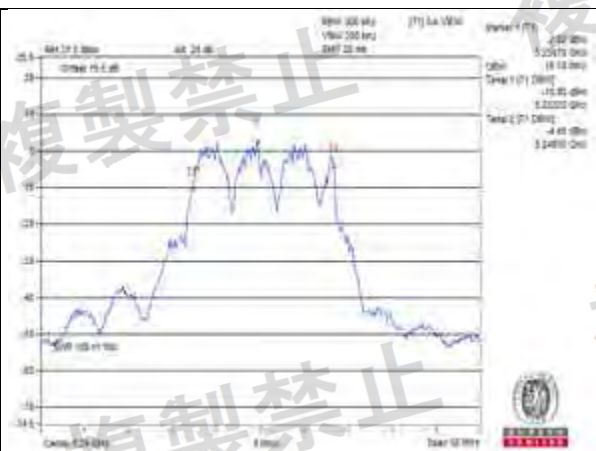
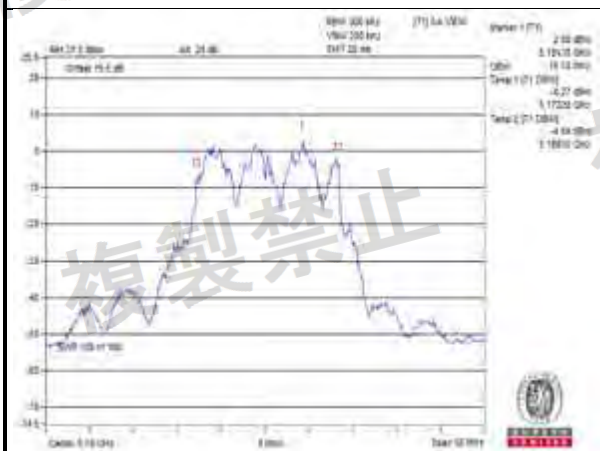
#### 4.2.3 Test Results

802.11a

Environmental Conditions		25 deg.C, 60% RH		
Channel	Frequency (MHz)	$V_{normal}$	$V_{max.}$	$V_{min.}$
		Occupied Bandwidth (MHz)	Occupied Bandwidth (MHz)	Occupied Bandwidth (MHz)
36	5180	16.10	16.00	16.00
48	5240	16.10	16.10	16.20
52	5260	15.90	15.90	16.00
64	5320	16.10	15.90	16.00
100	5500	16.10	16.10	16.10
120	5600	16.20	16.00	16.10
140	5700	16.40	16.30	16.40

Note: For the test plots please refer to the below pages.

V<sub>normal</sub>



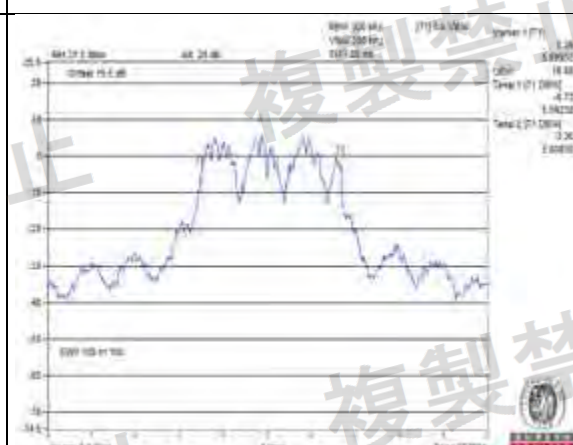
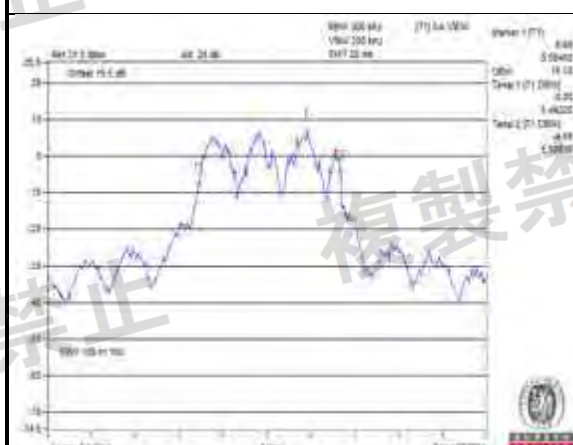
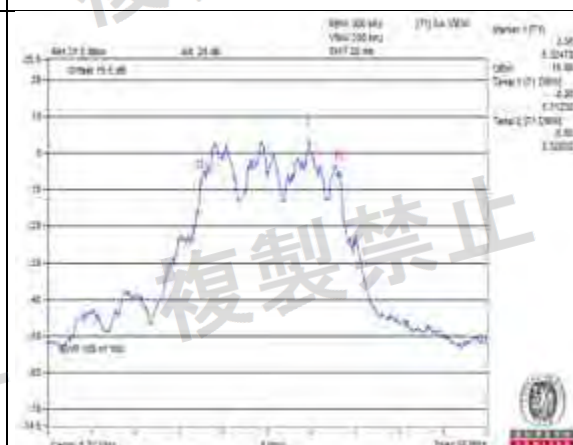
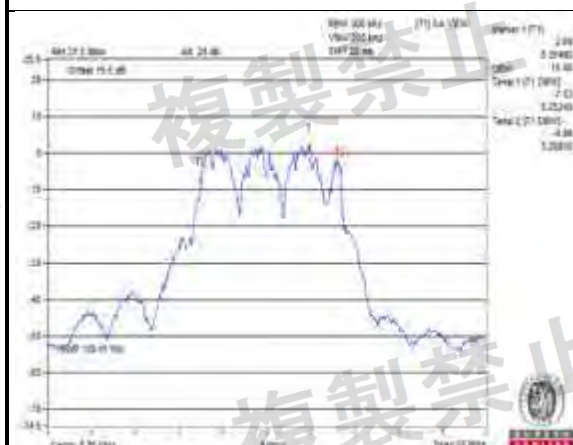
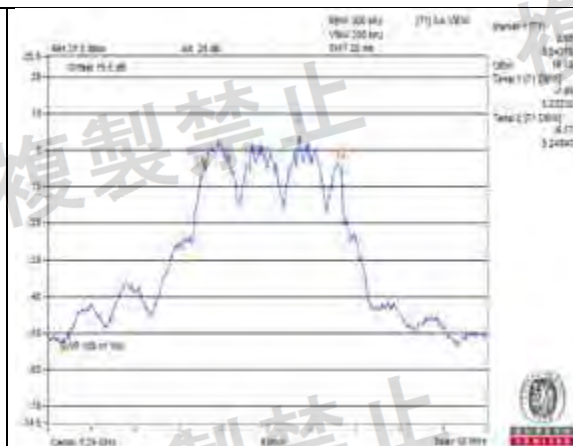


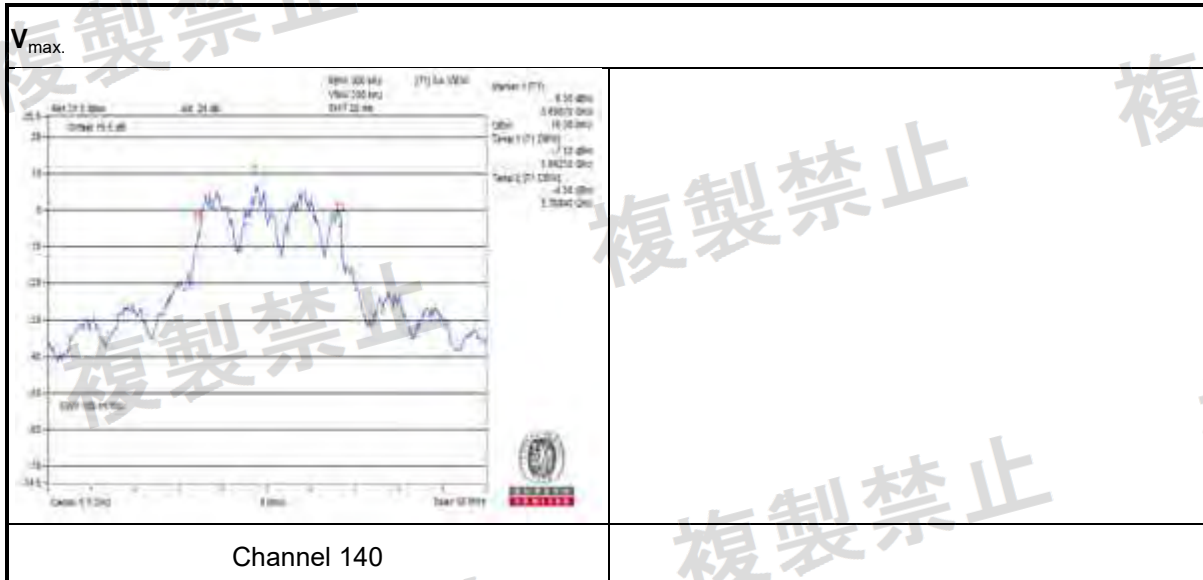
V normal



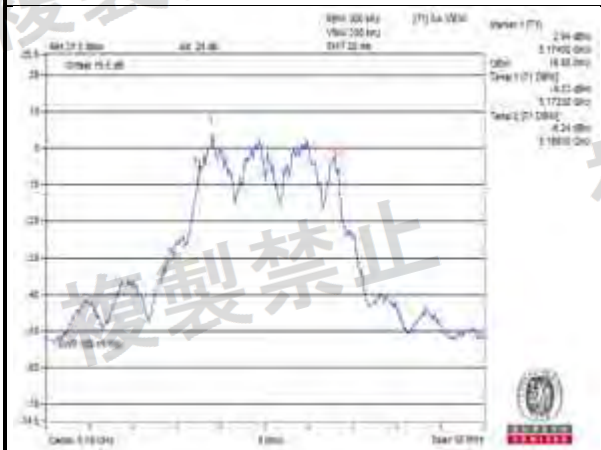
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V<sub>max</sub>

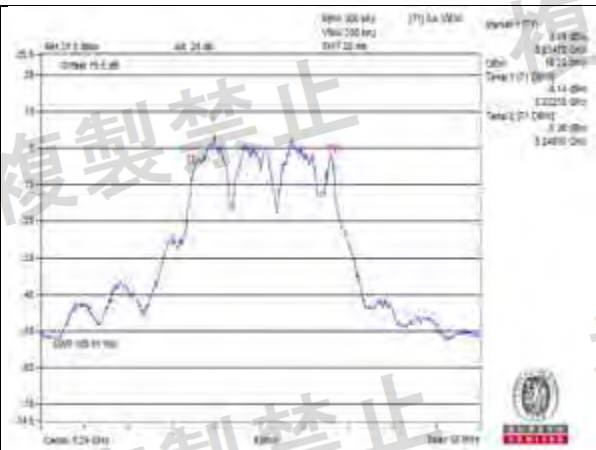




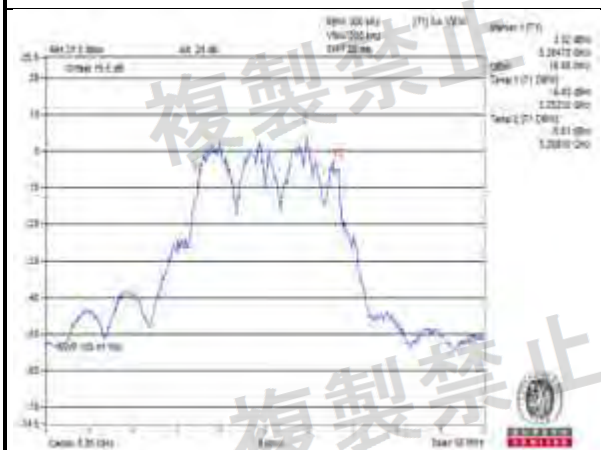
V-10%



Channel 36



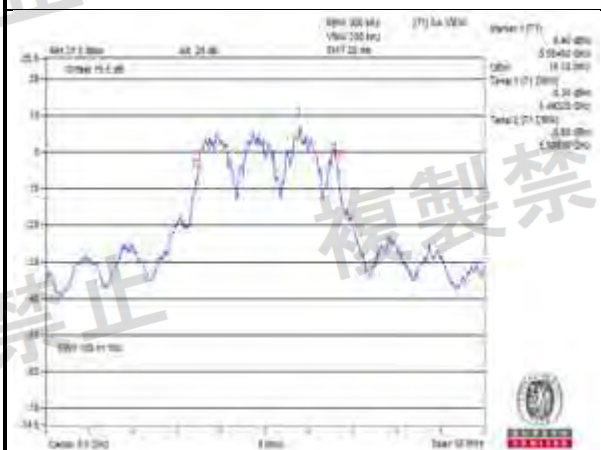
Channel 48



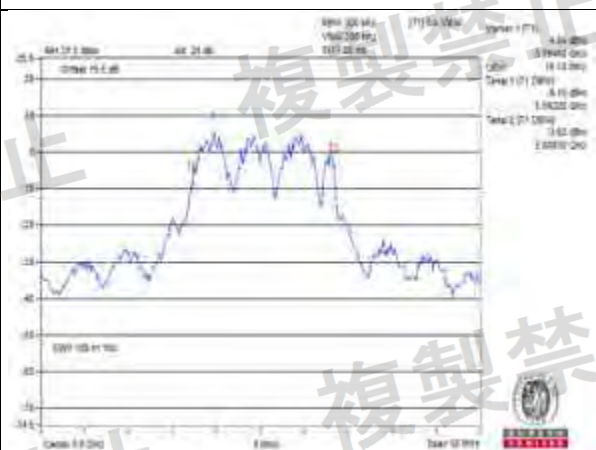
Channel 52



Channel 64



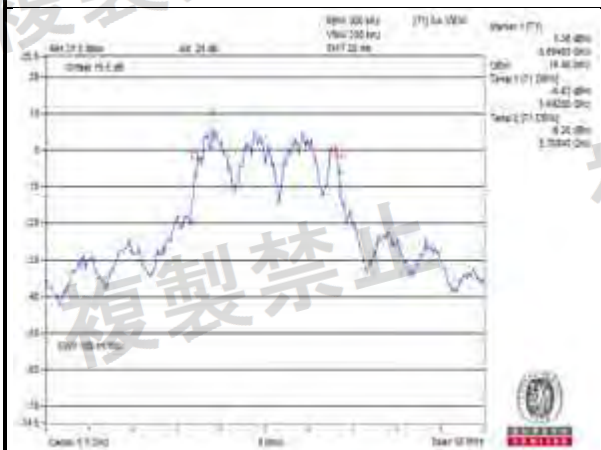
Channel 100



Channel 120



V-10%



Channel 140



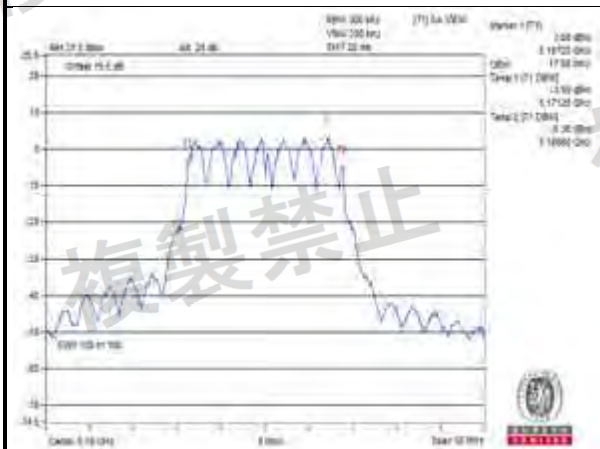


# 802.11ac (VHT20)

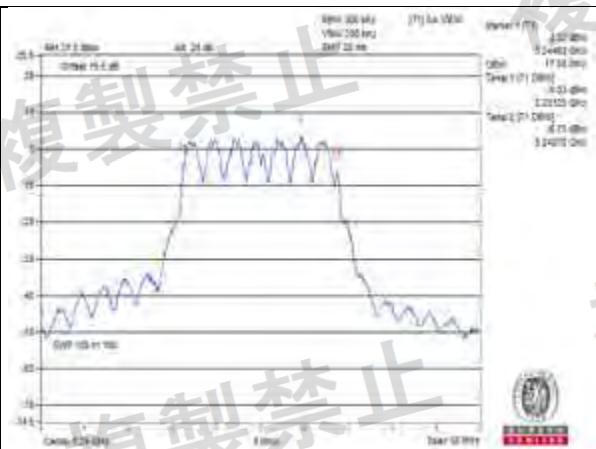
Environmental Conditions		25 deg.C, 60% RH		
Channel	Frequency (MHz)	V <sub>normal</sub>	V <sub>max.</sub>	V <sub>min.</sub>
		Occupied Bandwidth (MHz)	Occupied Bandwidth (MHz)	Occupied Bandwidth (MHz)
36	5180	17.60	17.60	17.60
48	5240	17.50	17.50	17.50
52	5260	17.60	17.60	17.50
64	5320	17.50	17.50	17.50
100	5500	17.50	17.70	17.50
120	5600	17.50	17.60	17.50
140	5700	17.80	17.70	17.70

Note: For the test plots please refer to the below pages.

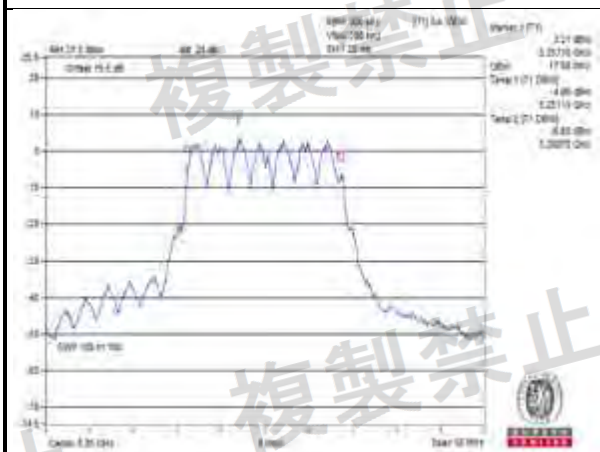
V<sub>normal</sub>



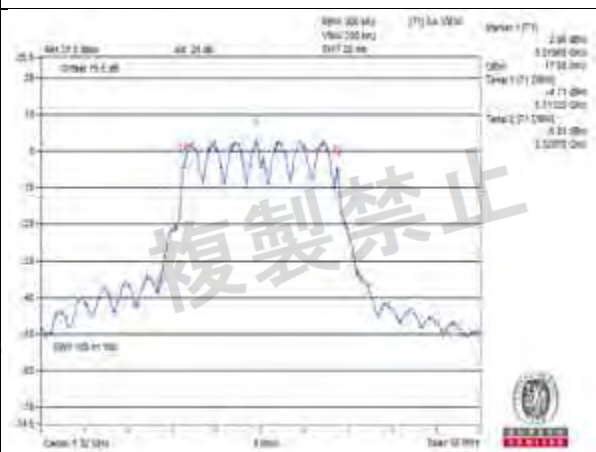
Channel 36



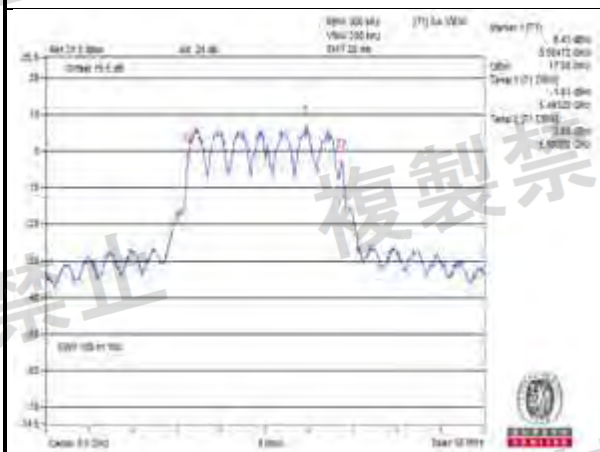
Channel 48



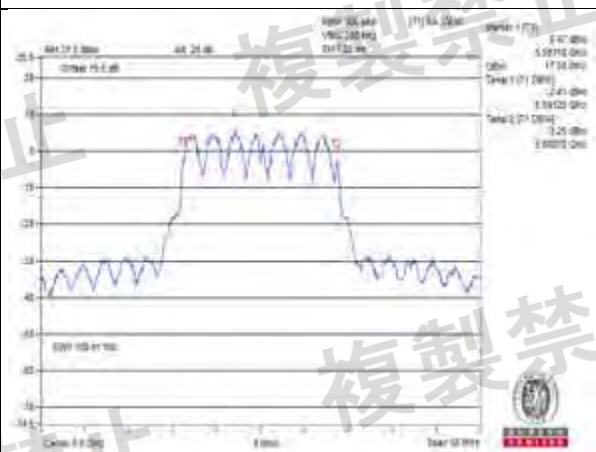
Channel 52



Channel 64

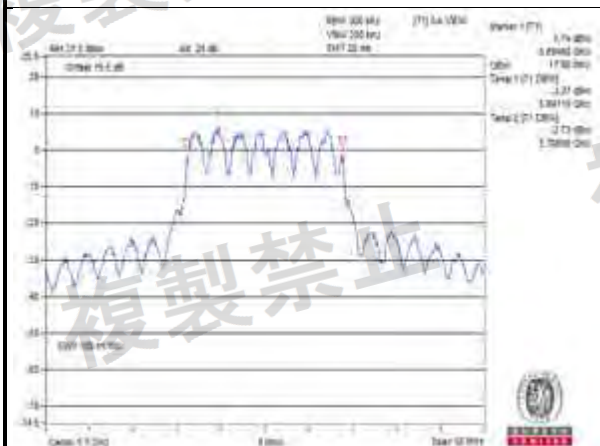


Channel 100



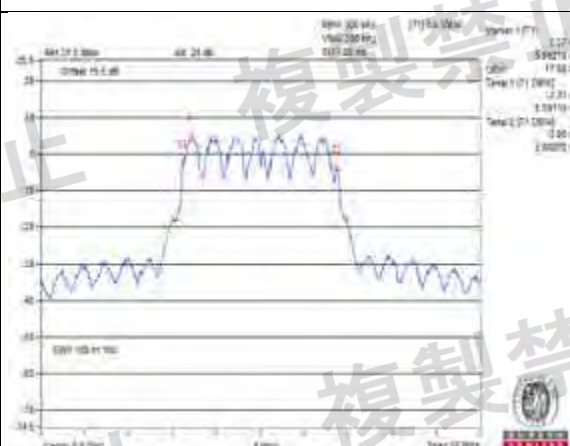
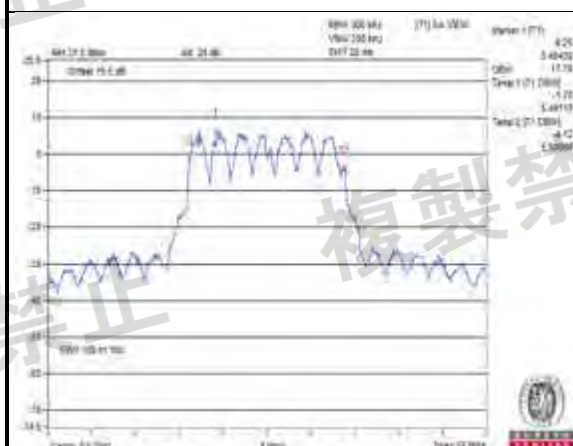
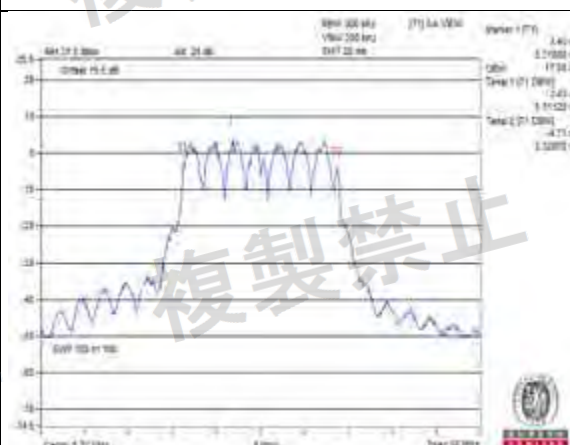
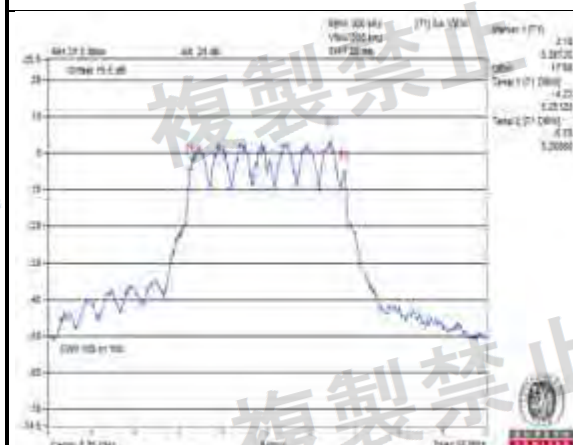
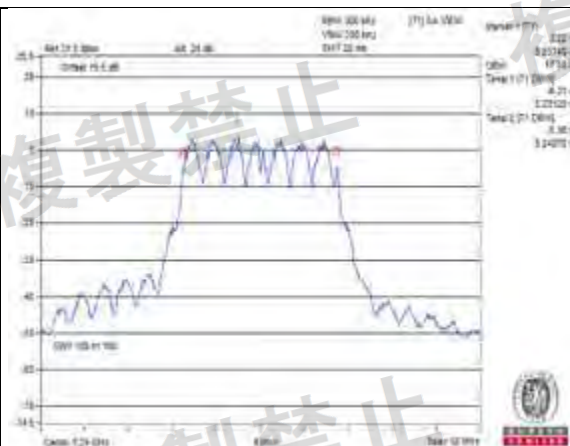
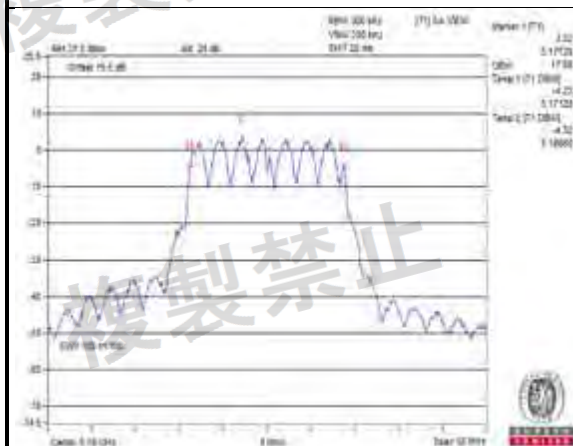
Channel 120

V<sub>normal</sub>

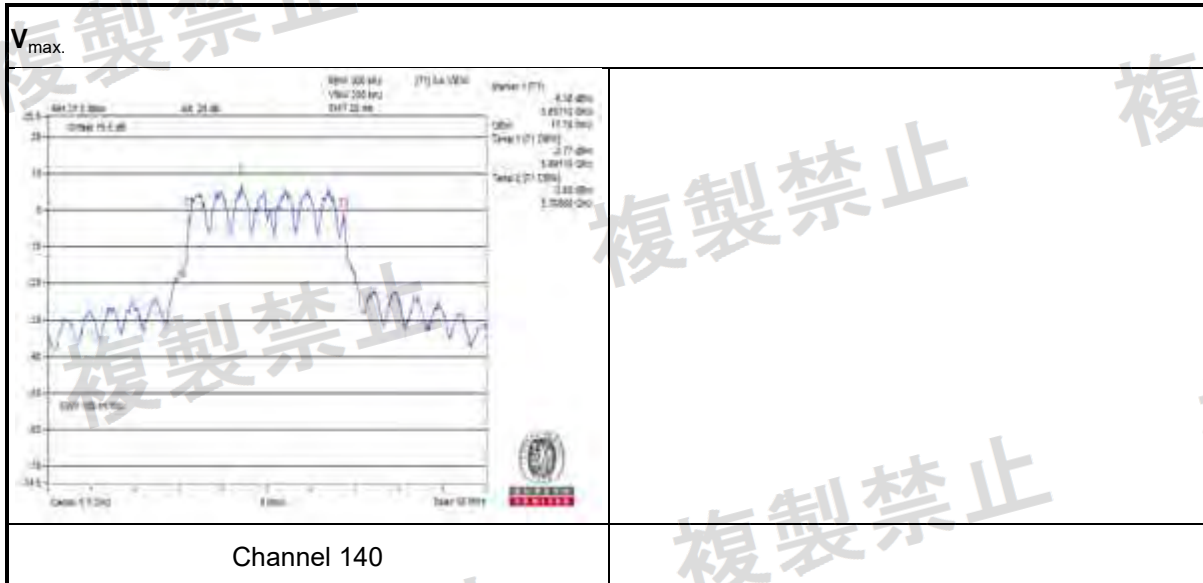


Channel 140

V<sub>max</sub>

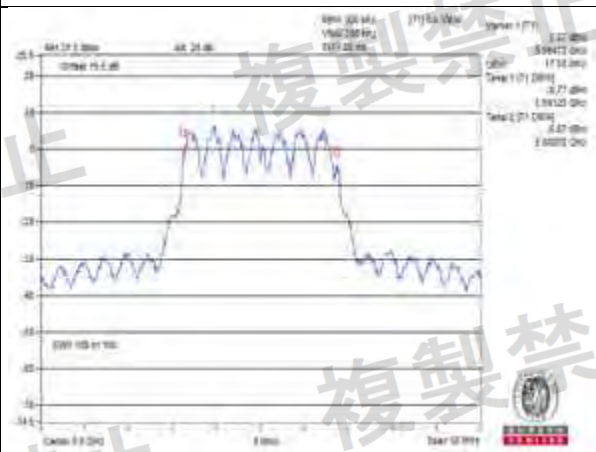
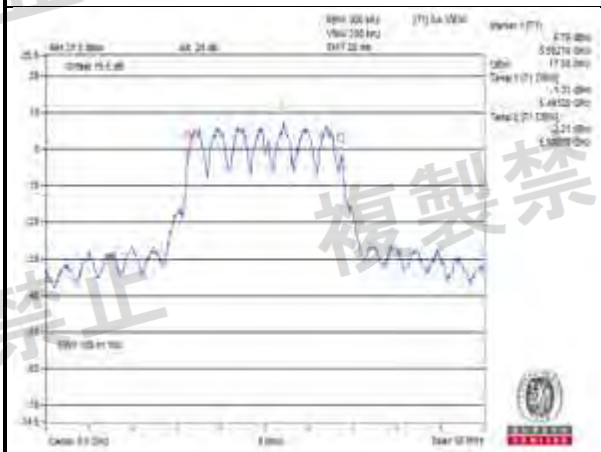
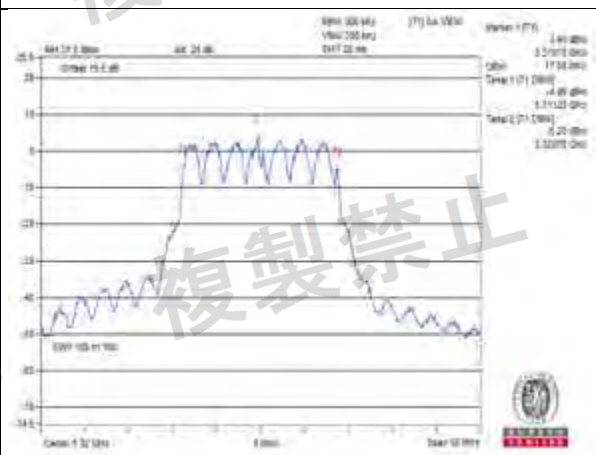
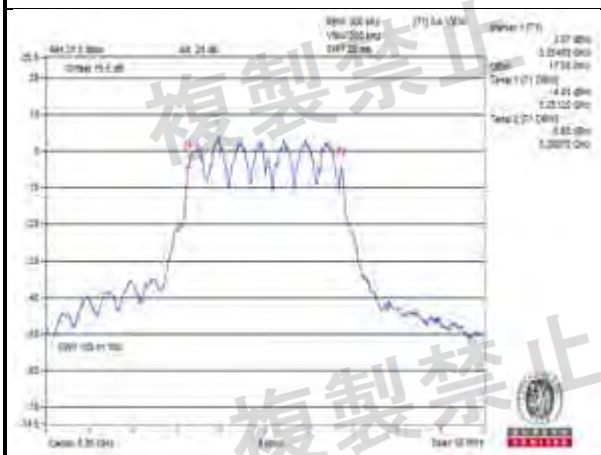
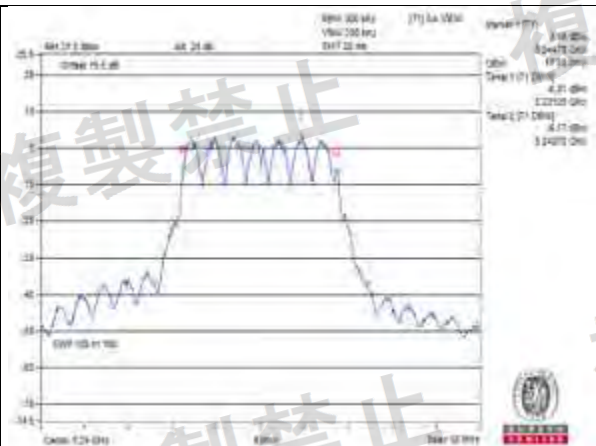
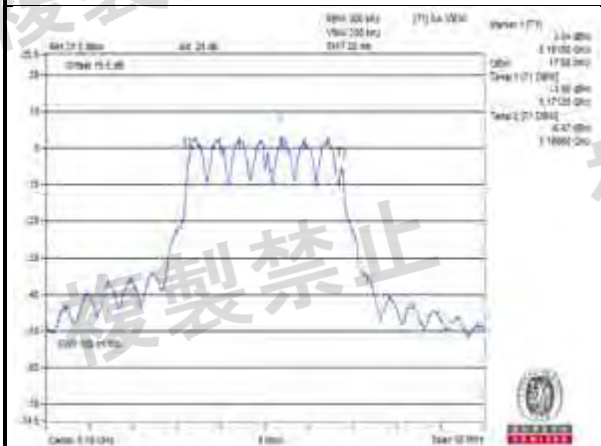




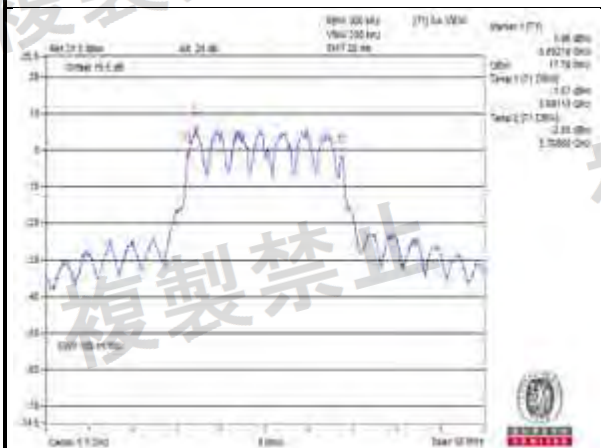




V-10%



V-10%



Channel 140



802.11ac (VHT40)

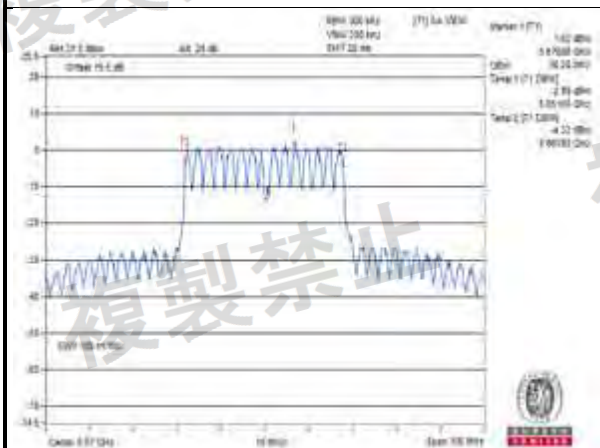
Environmental Conditions		25 deg.C, 60% RH		
Channel	Frequency (MHz)	$V_{normal}$	$V_{max.}$	$V_{min.}$
		Occupied Bandwidth (MHz)	Occupied Bandwidth (MHz)	Occupied Bandwidth (MHz)
38	5190	36.20	36.20	36.00
46	5230	36.20	36.00	36.20
54	5270	36.20	36.00	36.20
62	5310	36.20	36.20	36.20
102	5510	36.20	36.20	36.20
118	5590	36.40	36.20	36.40
134	5670	36.20	36.20	36.20

Note: For the test plots please refer to the below pages.





V<sub>normal</sub>



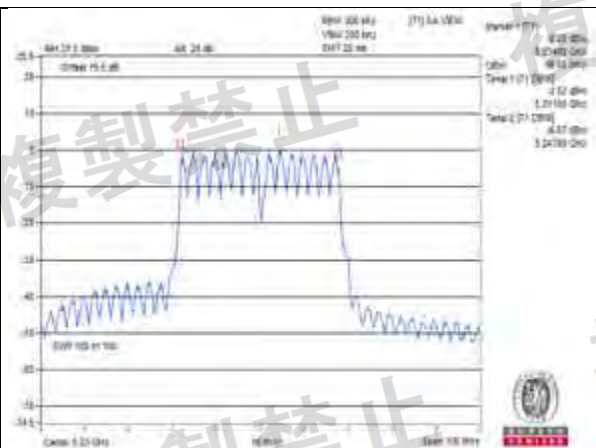
Channel 134



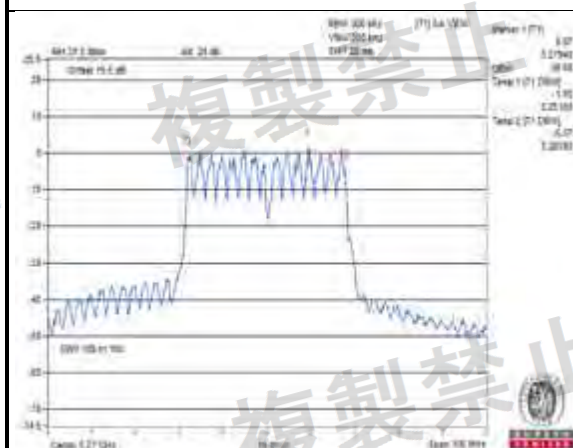
V<sub>max</sub>



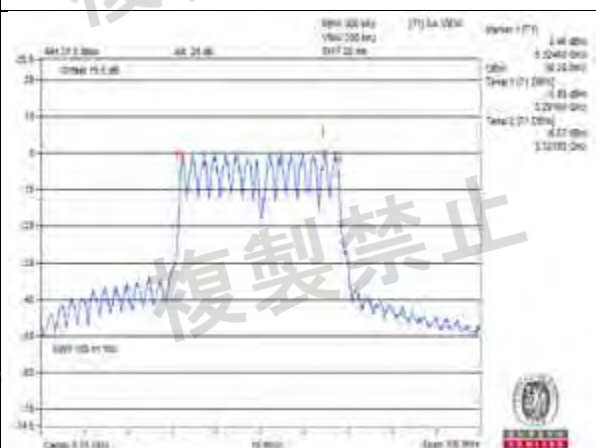
Channel 38



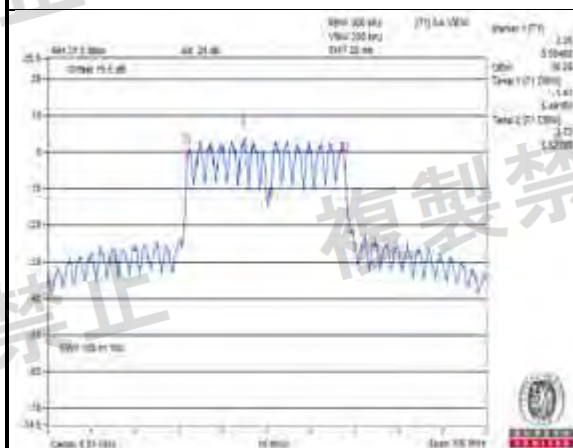
Channel 46



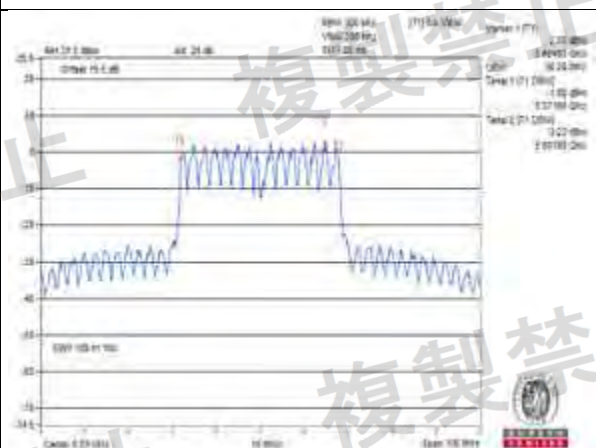
Channel 54



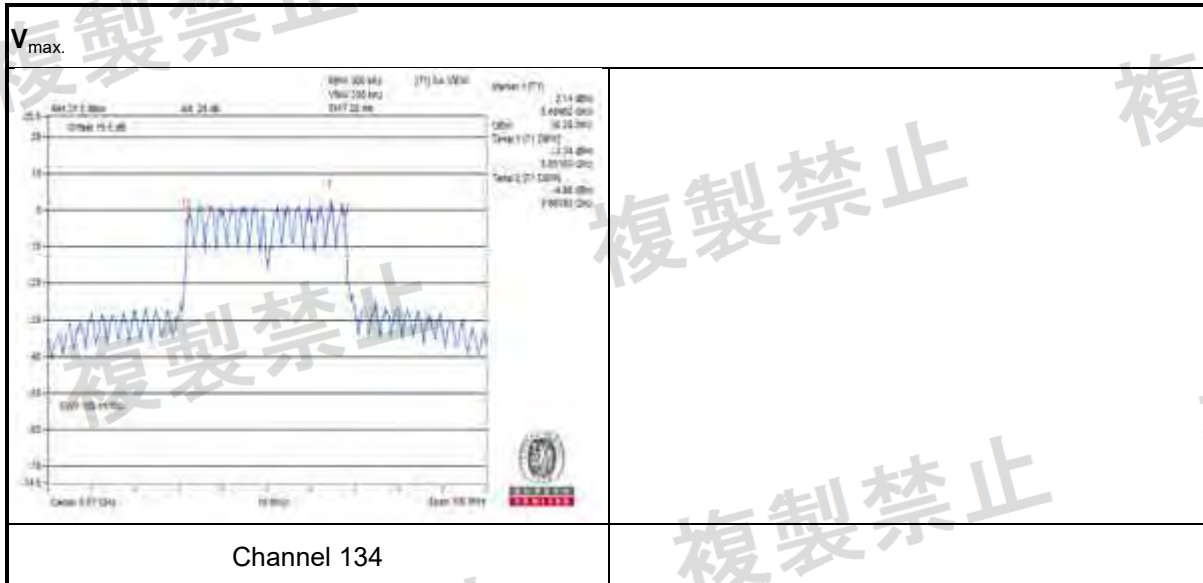
Channel 62



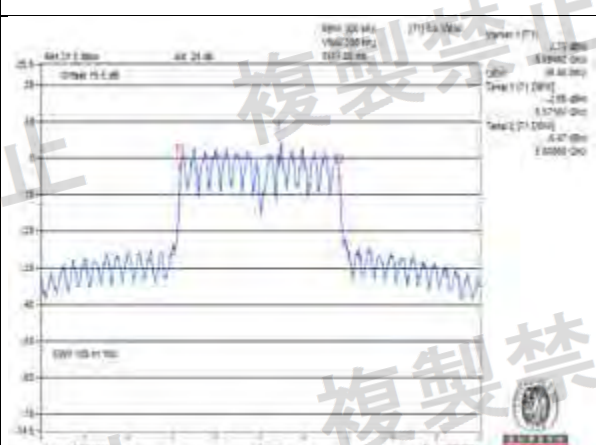
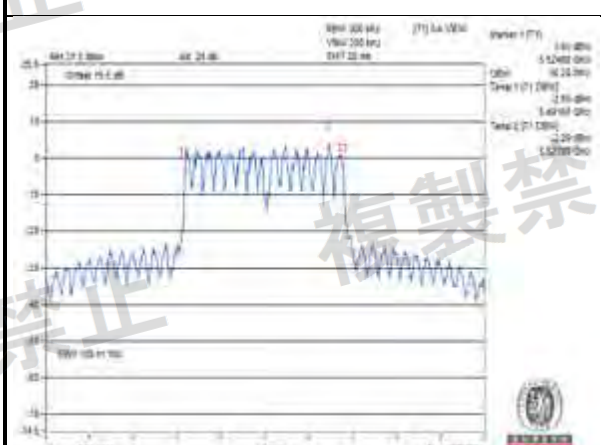
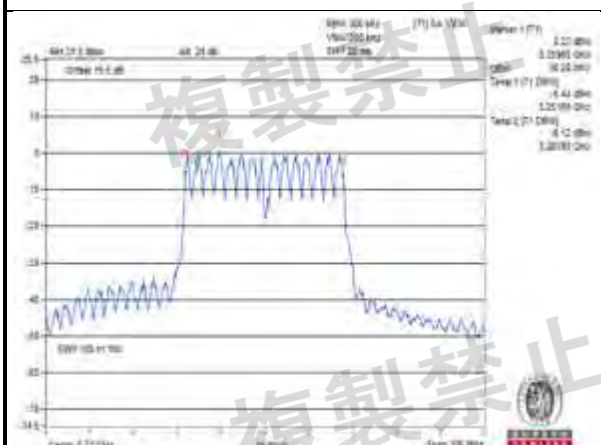
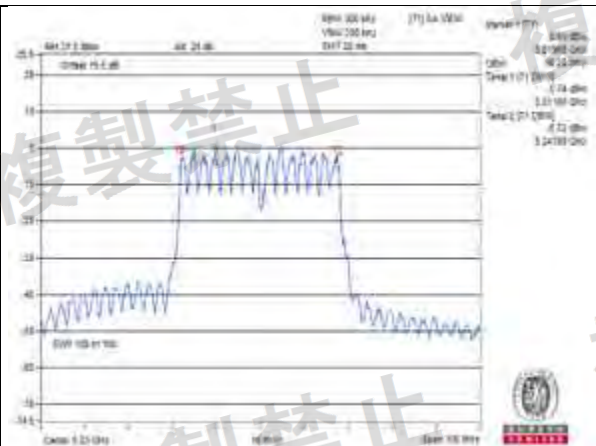
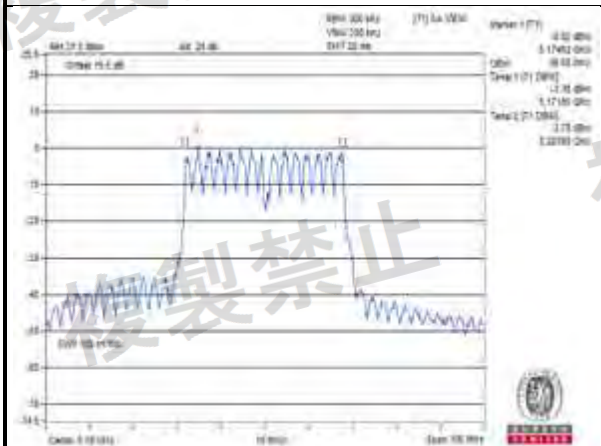
Channel 102



Channel 118



V-10%



V-10%

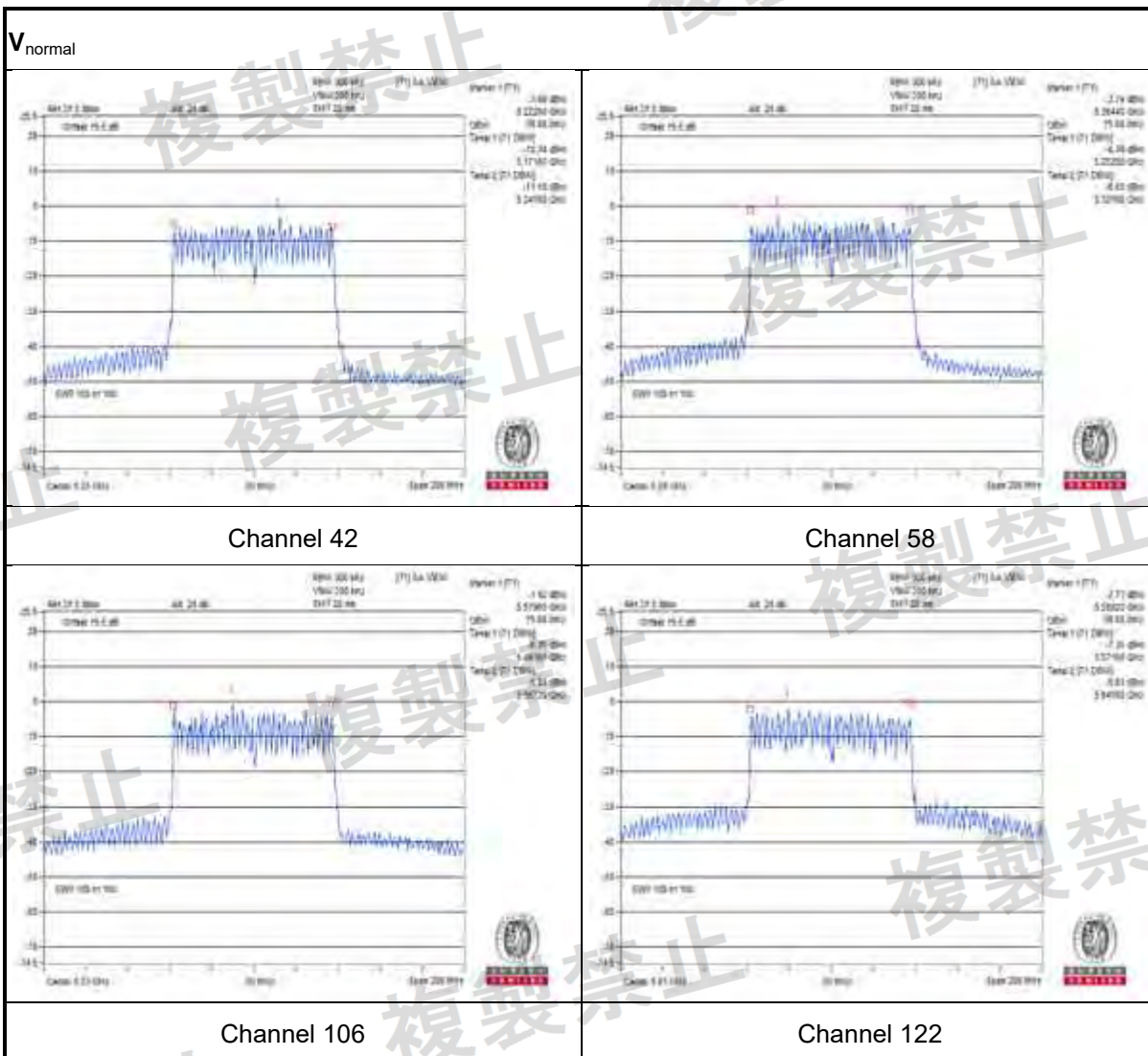


Channel 134



# 802.11ac (VHT80)

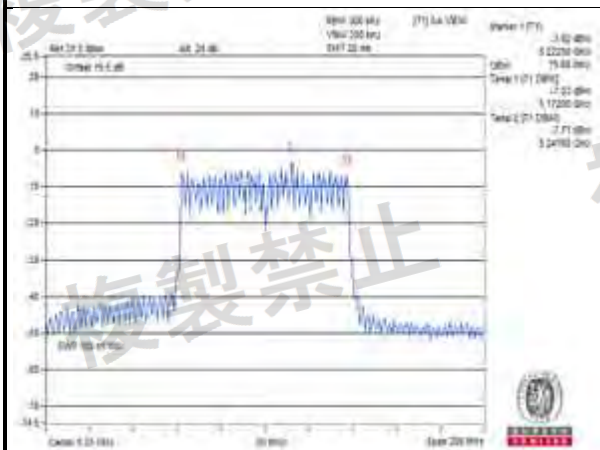
Environmental Conditions		25 deg.C, 60% RH		
Channel	Frequency (MHz)	V <sub>normal</sub>	V <sub>max.</sub>	V <sub>min.</sub>
		Occupied Bandwidth (MHz)	Occupied Bandwidth (MHz)	Occupied Bandwidth (MHz)
42	5210	76.00	75.60	75.60
58	5290	75.60	75.60	75.60
106	5530	75.60	76.00	76.00
122	5610	76.00	76.00	76.00







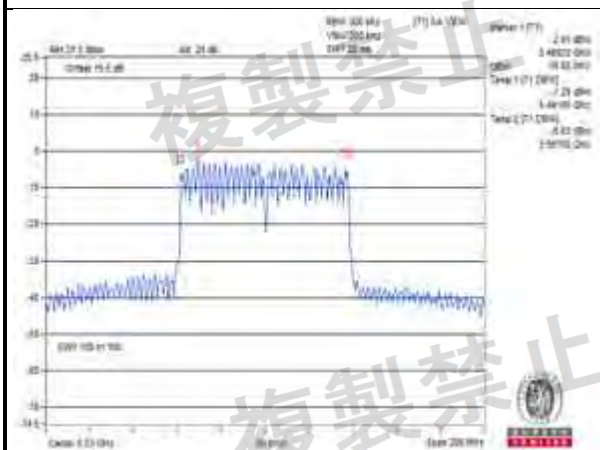
V-10%



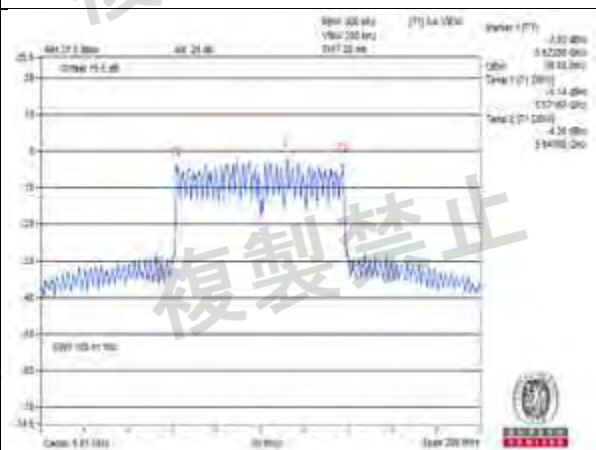
Channel 42



Channel 58



Channel 106



Channel 122

### 4.3 Spurious Emissions for Transmitter Measurement

#### 4.3.1 Limits of Spurious Emissions

##### W52 & W53 bands: 802.11a / 802.11n (HT20) / 802.11ac (VHT20)

Frequencies (MHz)	Limit
<b>OBW <math>\leq</math> 18MHz</b>	
30.0MHz to 1000.0MHz	$\leq$ 0.25 $\mu$ W/100kHz
1000.0MHz to 5140.0MHz	$\leq$ 2.5 $\mu$ W/MHz
5360.0MHz to 26000.0MHz	$\leq$ 2.5 $\mu$ W/MHz
<b>18MHz &lt; OBW &lt; 19MHz</b>	
30.0MHz to 1000.0MHz	$\leq$ 0.25 $\mu$ W/100kHz
1000.0MHz to 5135.0MHz	$\leq$ 2.5 $\mu$ W/MHz
5365.0MHz to 26000.0MHz	$\leq$ 2.5 $\mu$ W/MHz

##### W52 & W53 bands: 802.11n (HT40) / 802.11ac (VHT40)

Frequencies (MHz)	Limit
30.0MHz ~ 1000.0MHz	$\leq$ 0.25 $\mu$ W/100kHz
1000.0MHz ~ 5100.0MHz	$\leq$ 2.5 $\mu$ W/MHz
5400.0MHz ~ 26000.0MHz	$\leq$ 2.5 $\mu$ W/MHz

##### W52 & W53 bands: 802.11ac (VHT80)

Frequencies (MHz)	Limit
30.0MHz ~ 1000.0MHz	$\leq$ 0.25 $\mu$ W/100kHz
1000.0MHz ~ 5020.0MHz	$\leq$ 2.5 $\mu$ W/MHz
5480.0MHz ~ 26000.0MHz	$\leq$ 2.5 $\mu$ W/MHz

##### W56 band: 802.11a / 802.11n (HT20) / 802.11ac (VHT20)

Frequencies (MHz)	Limit
30.0MHz to 1000.0MHz	$\leq$ 0.25 $\mu$ W/100kHz
1000.0MHz ~ 5455.0MHz	$\leq$ 2.5 $\mu$ W/MHz
5745.0MHz ~ 26000.0MHz	$\leq$ 2.5 $\mu$ W/MHz

##### W56 band: 802.11n (HT40) / 802.11ac (VHT40)

Frequencies (MHz)	Limit
30.0MHz to 1000.0MHz	$\leq$ 0.25 $\mu$ W/100kHz
1000.0MHz ~ 5420.0MHz	$\leq$ 2.5 $\mu$ W/MHz
5760.0MHz ~ 26000.0MHz	$\leq$ 2.5 $\mu$ W/MHz

##### W56 band: 802.11ac (VHT80)

Frequencies (MHz)	Limit
30.0MHz to 1000.0MHz	$\leq$ 0.25 $\mu$ W/100kHz
1000.0MHz ~ 5340.0MHz	$\leq$ 2.5 $\mu$ W/MHz
5800.0MHz ~ 26000.0MHz	$\leq$ 2.5 $\mu$ W/MHz

#### 4.3.2 Test Setup



#### 4.3.3 Test Results

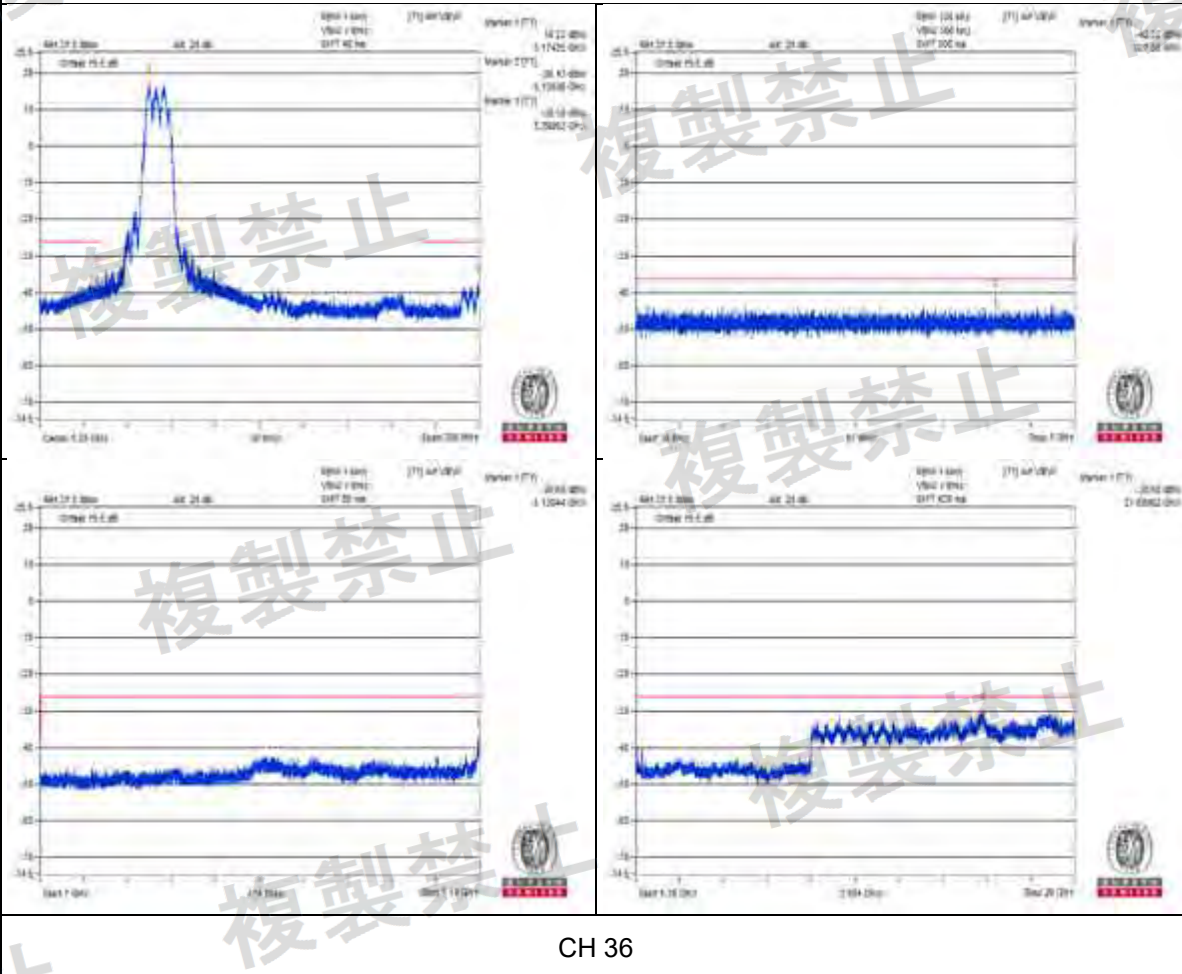
W52 Bands: 802.11a

Environmental Conditions		25 deg.C, 60% RH					
Test Channel		CH36 (5180MHz)		CH48 (5240MHz)		Limit	Result
Test Condition	Frequency Range	Frequency (MHz)	Measured Value	Frequency (MHz)	Measured Value		
V <sub>normal</sub>	30MHz to 1000MHz	827.090	<b>0.0590</b>	555.010	<b>0.0560</b>	0.25uW/100kHz	Pass
	1000MHz to 5140MHz	5138.440	0.1550	5075.310	0.0670	2.5uW/MHz	Pass
	5360MHz to 26000MHz	21688.820	0.8700	21539.180	1.2180	2.5uW/MHz	Pass
V <sub>max.</sub>	30MHz to 1000MHz	946.520	0.0510	538.880	0.0550	0.25uW/100kHz	Pass
	1000MHz to 5140MHz	5130.680	0.1200	3117.610	0.0730	2.5uW/MHz	Pass
	5360MHz to 26000MHz	21706.880	1.0540	21681.080	<b>1.3800</b>	2.5uW/MHz	Pass
V <sub>min.</sub>	30MHz to 1000MHz	91.110	0.0460	560.100	0.0520	0.25uW/100kHz	Pass
	1000MHz to 5140MHz	5139.480	<b>0.1590</b>	5076.340	<b>0.0740</b>	2.5uW/MHz	Pass
	5360MHz to 26000MHz	24761.600	<b>1.0810</b>	24617.120	1.2500	2.5uW/MHz	Pass

Note: 1. The worst value in each frequency range v.s. each channel has been marked by boldface.  
 2. The spectrum plots are attached on the following pages



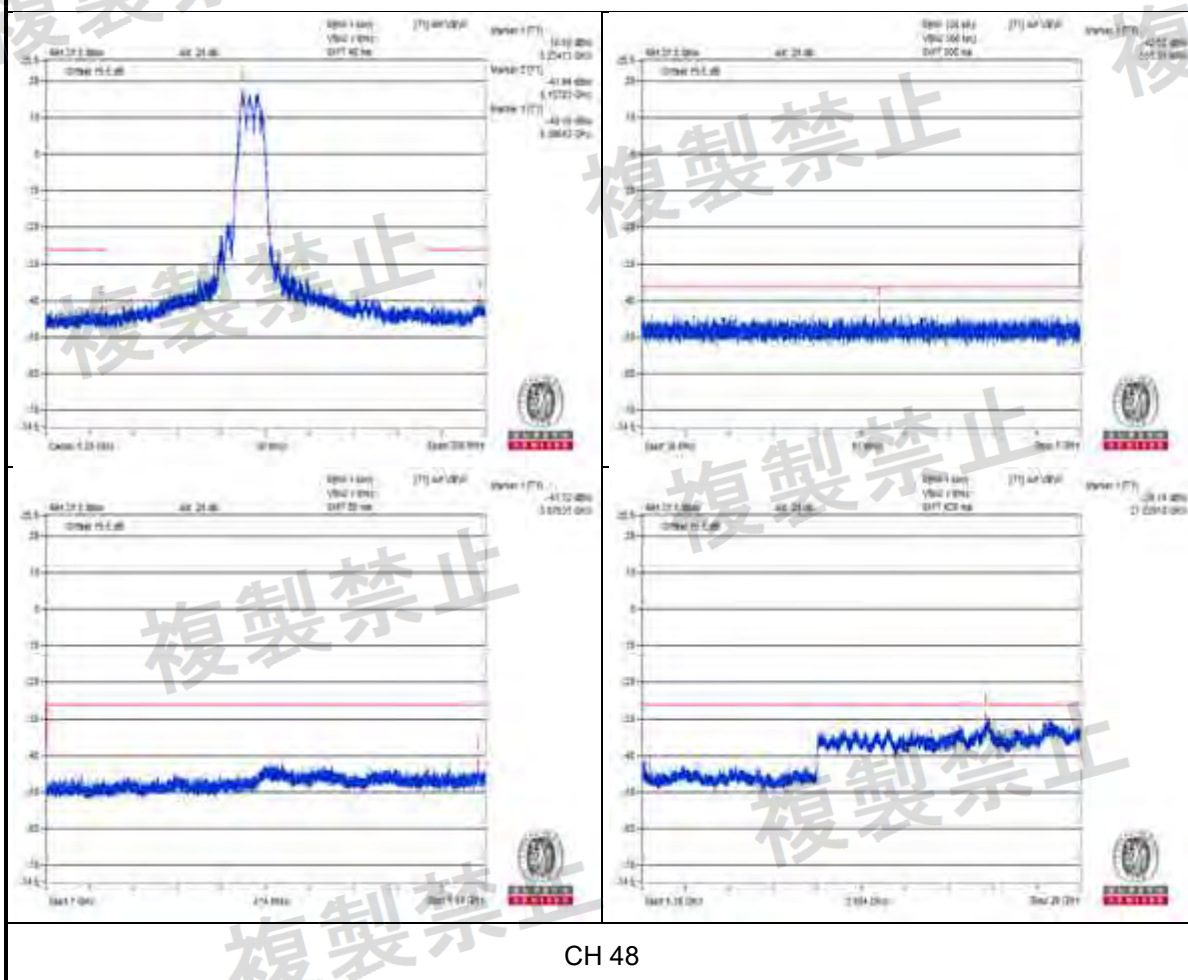
V normal



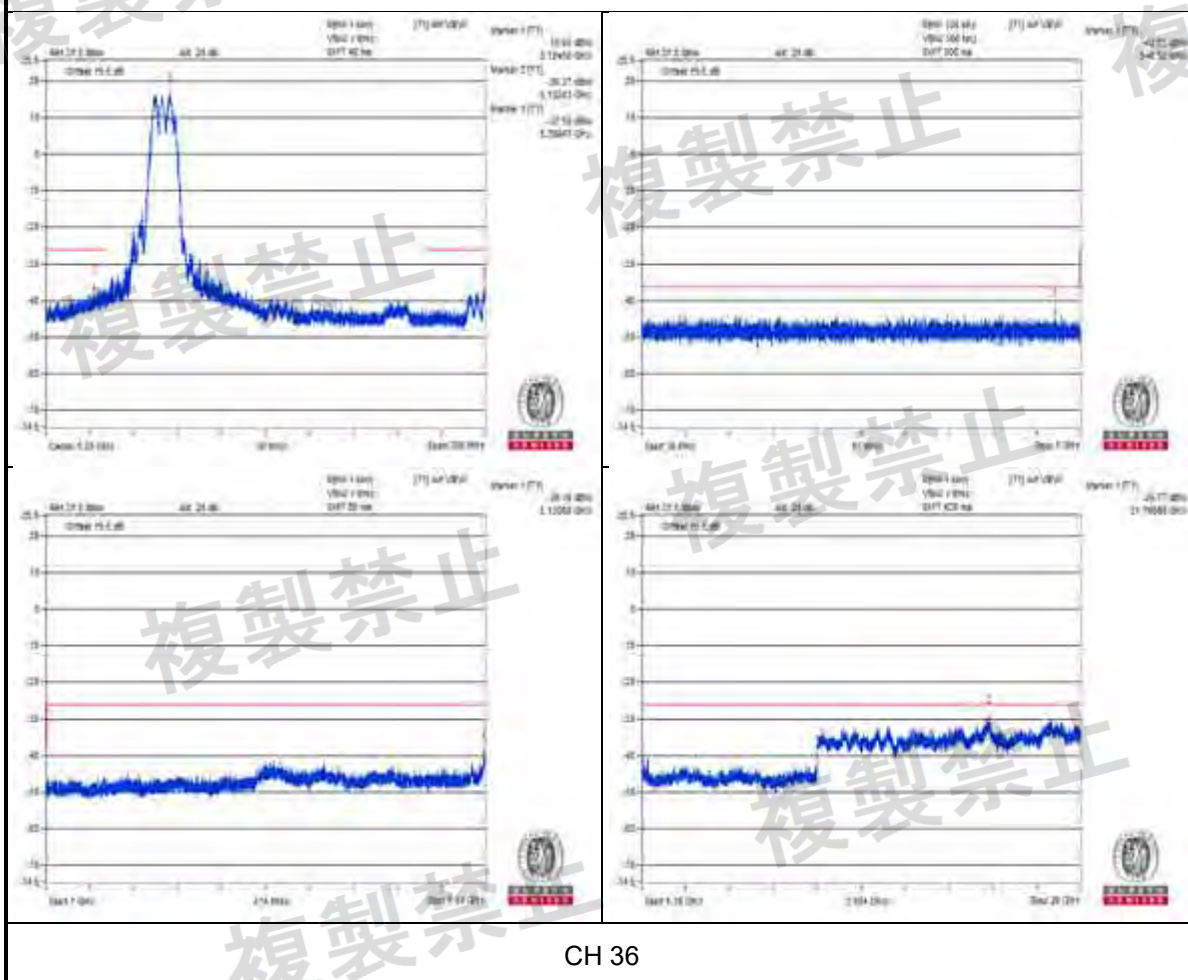
CH 36



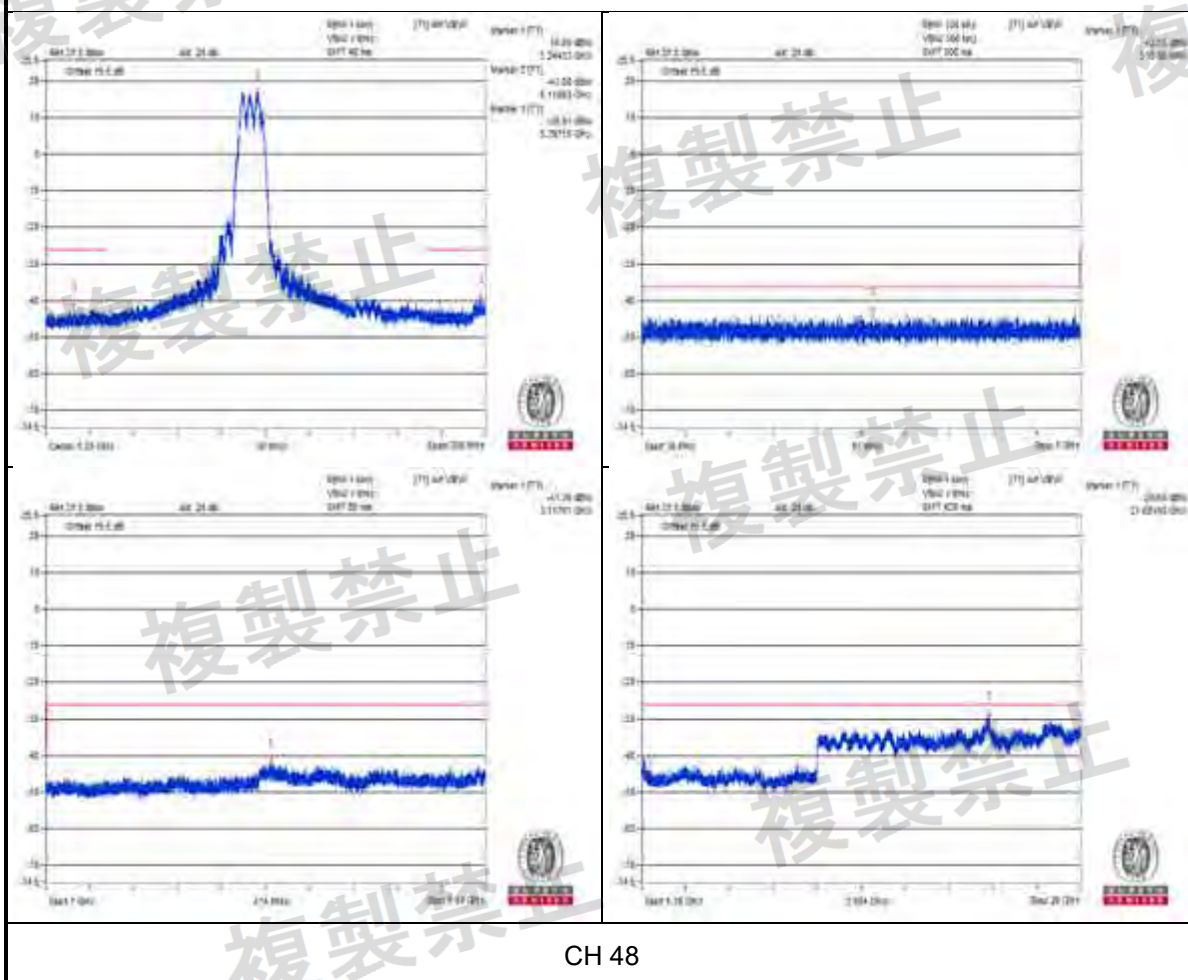
V normal

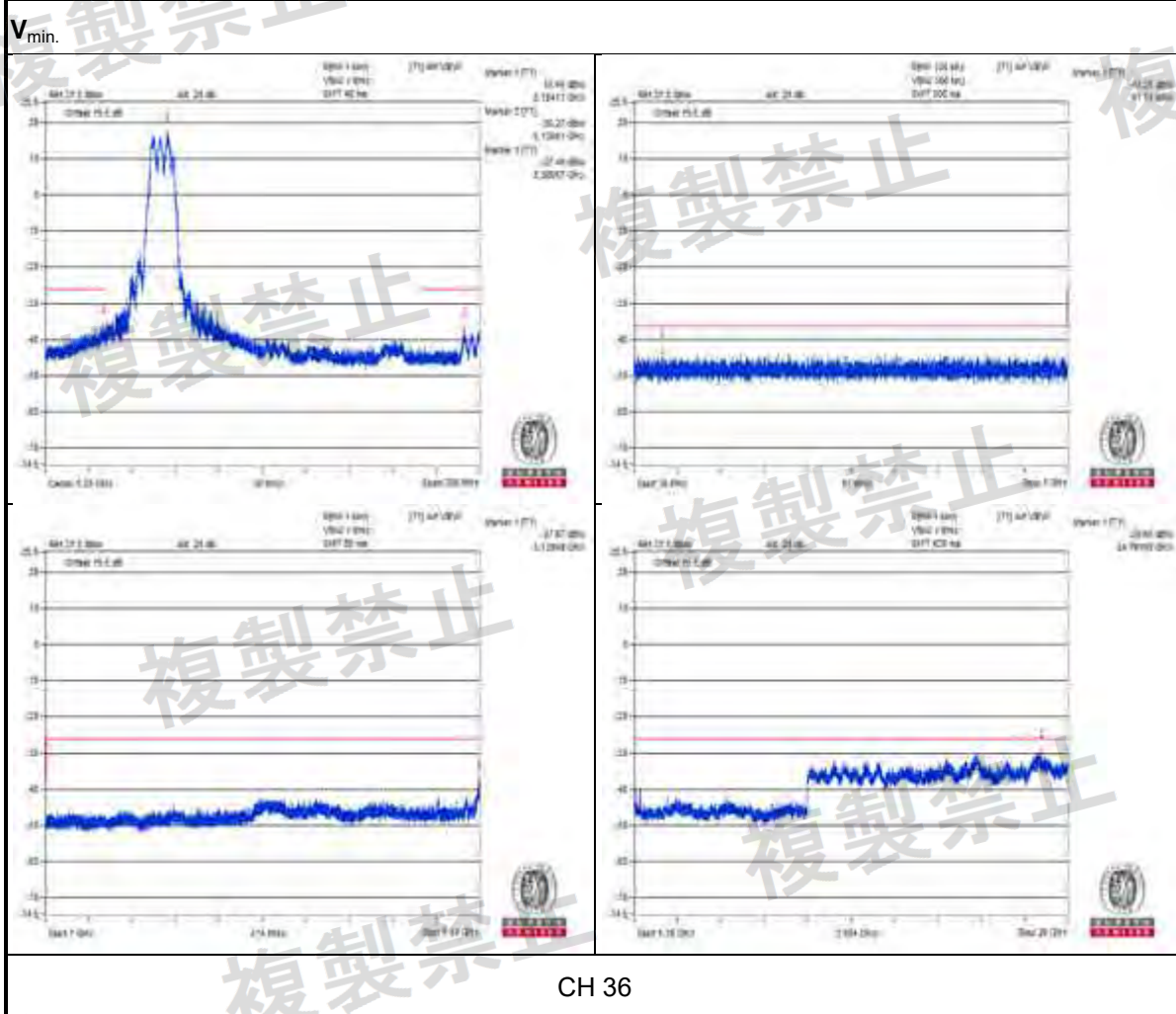


V<sub>max</sub>



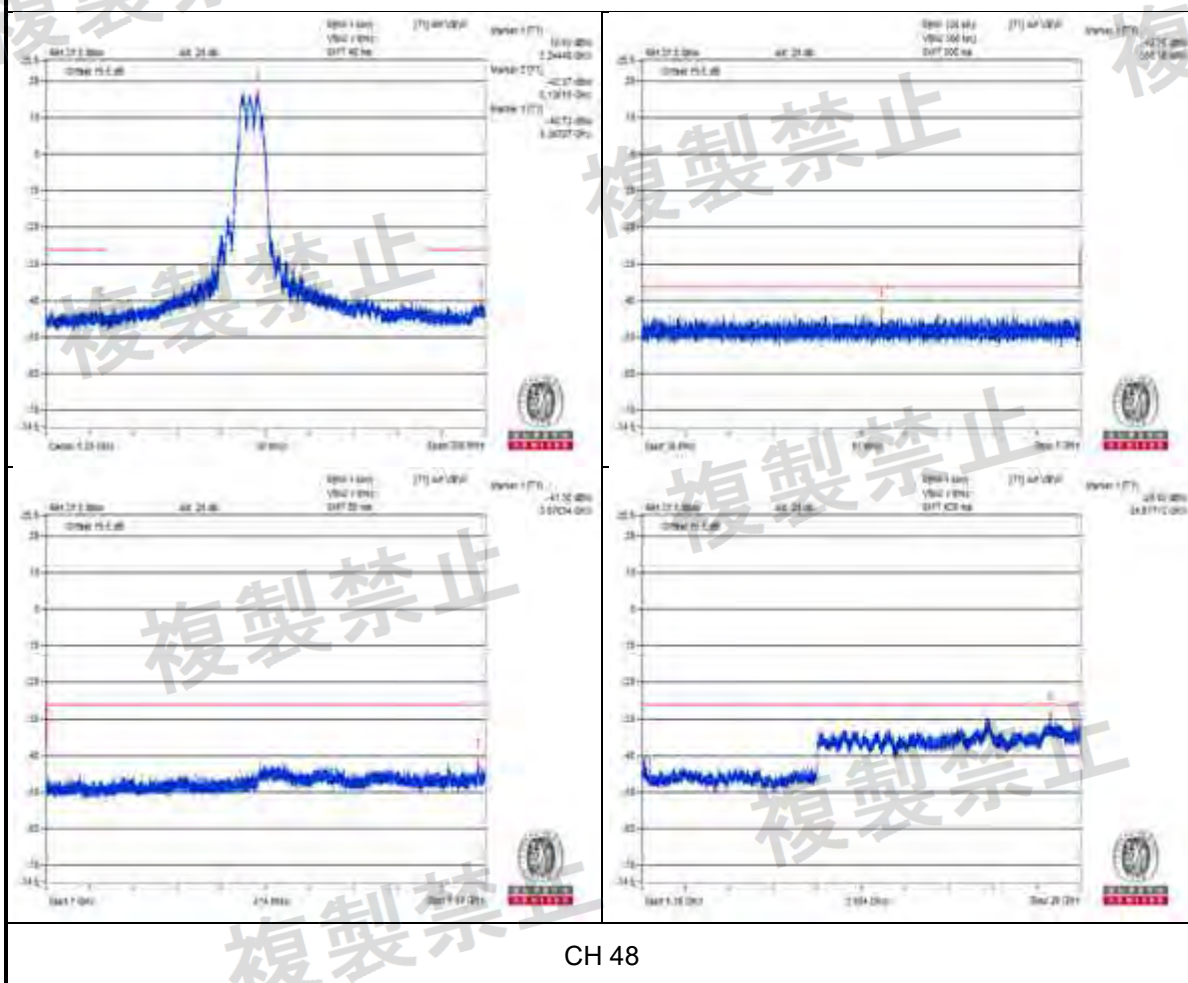
V<sub>max</sub>







V<sub>min</sub>



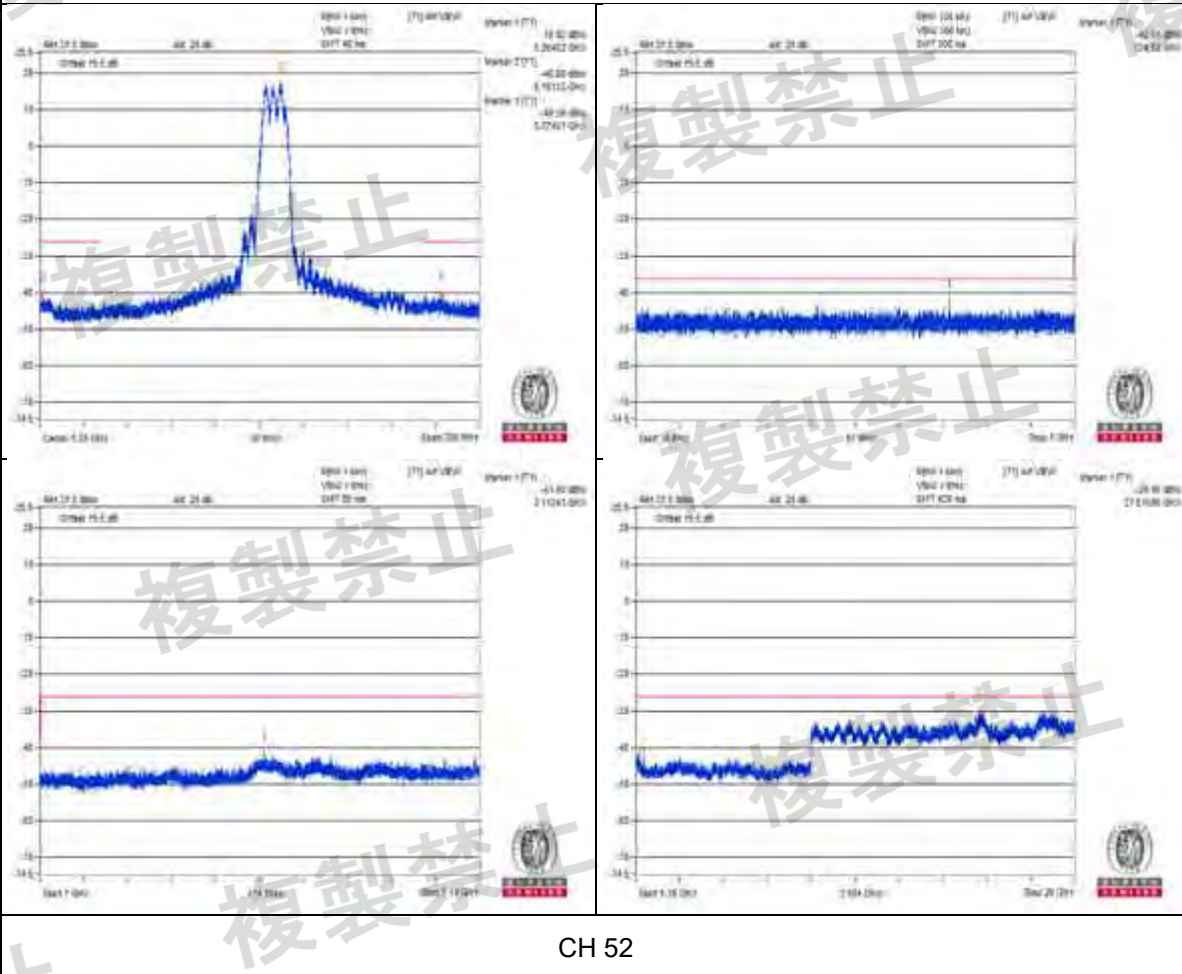


W53 Bands: 802.11a

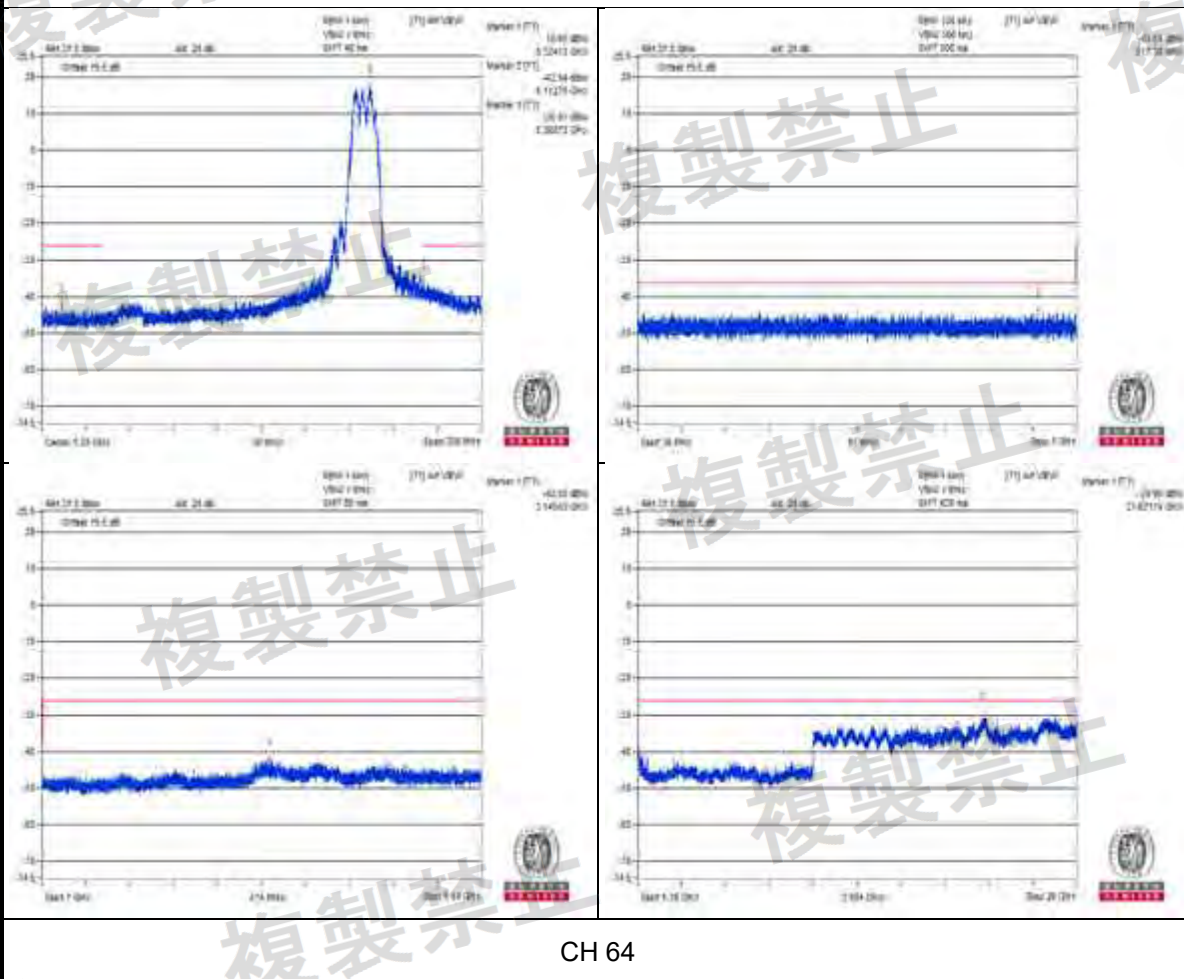
Environmental Conditions		25 deg.C, 60% RH					
Test Channel		CH52 (5260MHz)		CH64 (5320MHz)		Limit	Result
Test Condition	Frequency Range	Frequency (MHz)	Measured Value	Frequency (MHz)	Measured Value		
V <sub>normal</sub>	30MHz to 1000MHz	724.520	<b>0.0550</b>	917.300	0.0430	0.25uW/100kHz	Pass
	1000MHz to 5100MHz	3112.430	0.0660	3145.030	0.0630	2.5uW/MHz	Pass
	5400MHz to 26000MHz	21515.960	1.0110	21621.740	1.0020	2.5uW/MHz	Pass
V <sub>max.</sub>	30MHz to 1000MHz	530.030	0.0510	42.970	<b>0.0530</b>	0.25uW/100kHz	Pass
	1000MHz to 5100MHz	3074.650	0.0560	3657.880	0.0620	2.5uW/MHz	Pass
	5400MHz to 26000MHz	24586.160	1.1420	24599.060	<b>1.3120</b>	2.5uW/MHz	Pass
V <sub>min.</sub>	30MHz to 1000MHz	333.000	0.0490	834.250	0.0510	0.25uW/100kHz	Pass
	1000MHz to 5100MHz	3087.590	<b>0.0740</b>	3358.240	<b>0.0720</b>	2.5uW/MHz	Pass
	5400MHz to 26000MHz	21642.380	<b>1.2970</b>	21675.920	1.0660	2.5uW/MHz	Pass

Note: 1. The worst value in each frequency range v.s. each channel has been marked by boldface  
 2. The spectrum plots are attached on the following pages

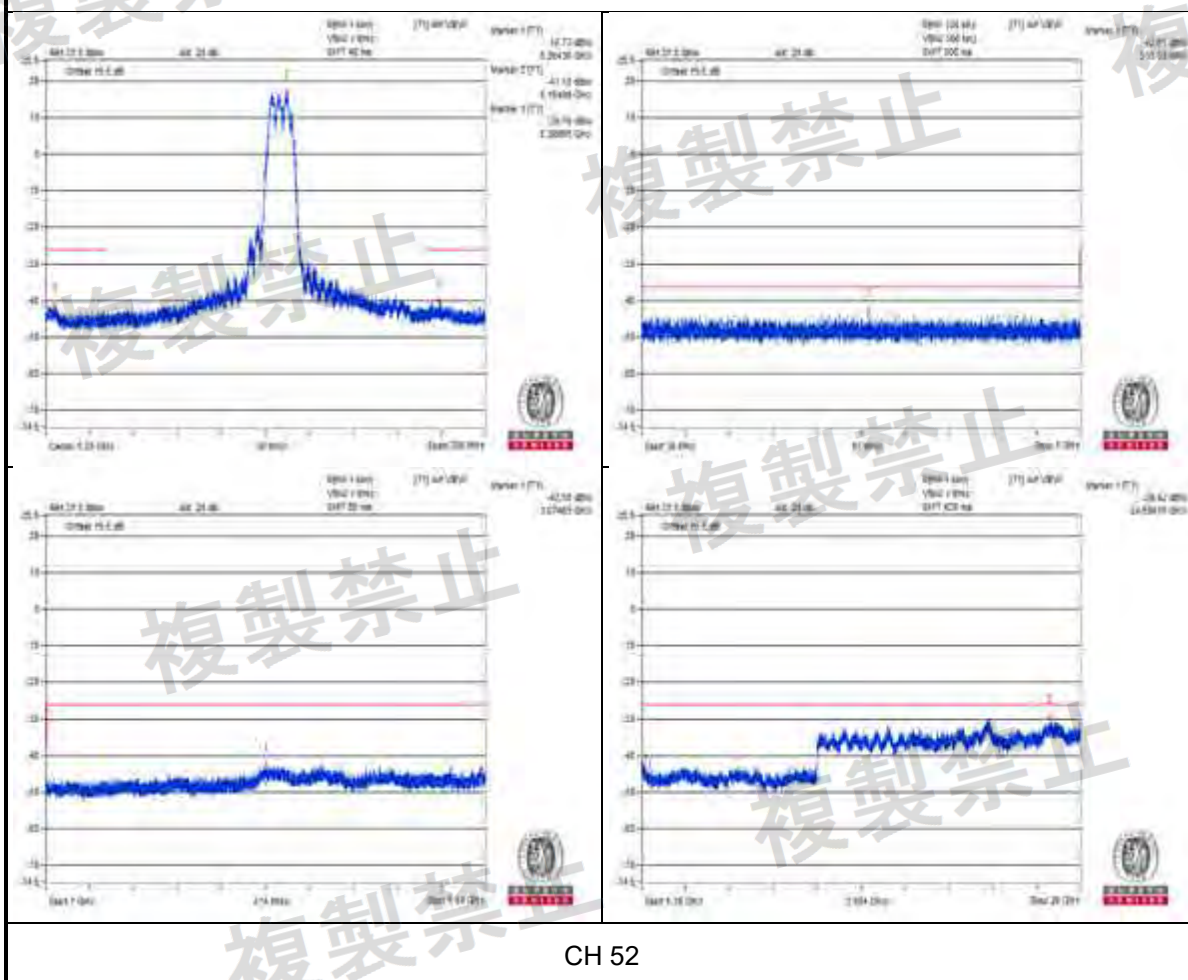
V normal



V normal

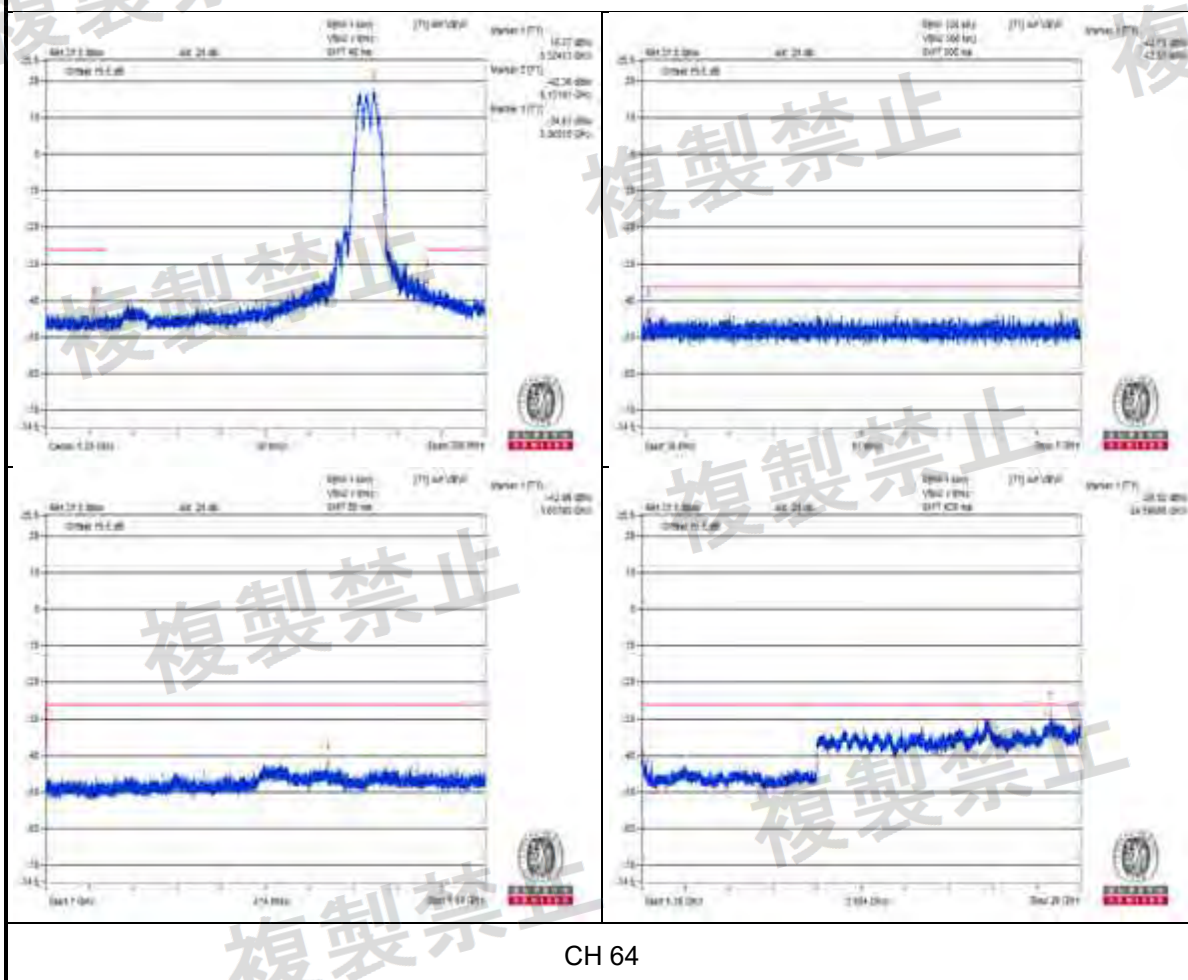


V<sub>max</sub>

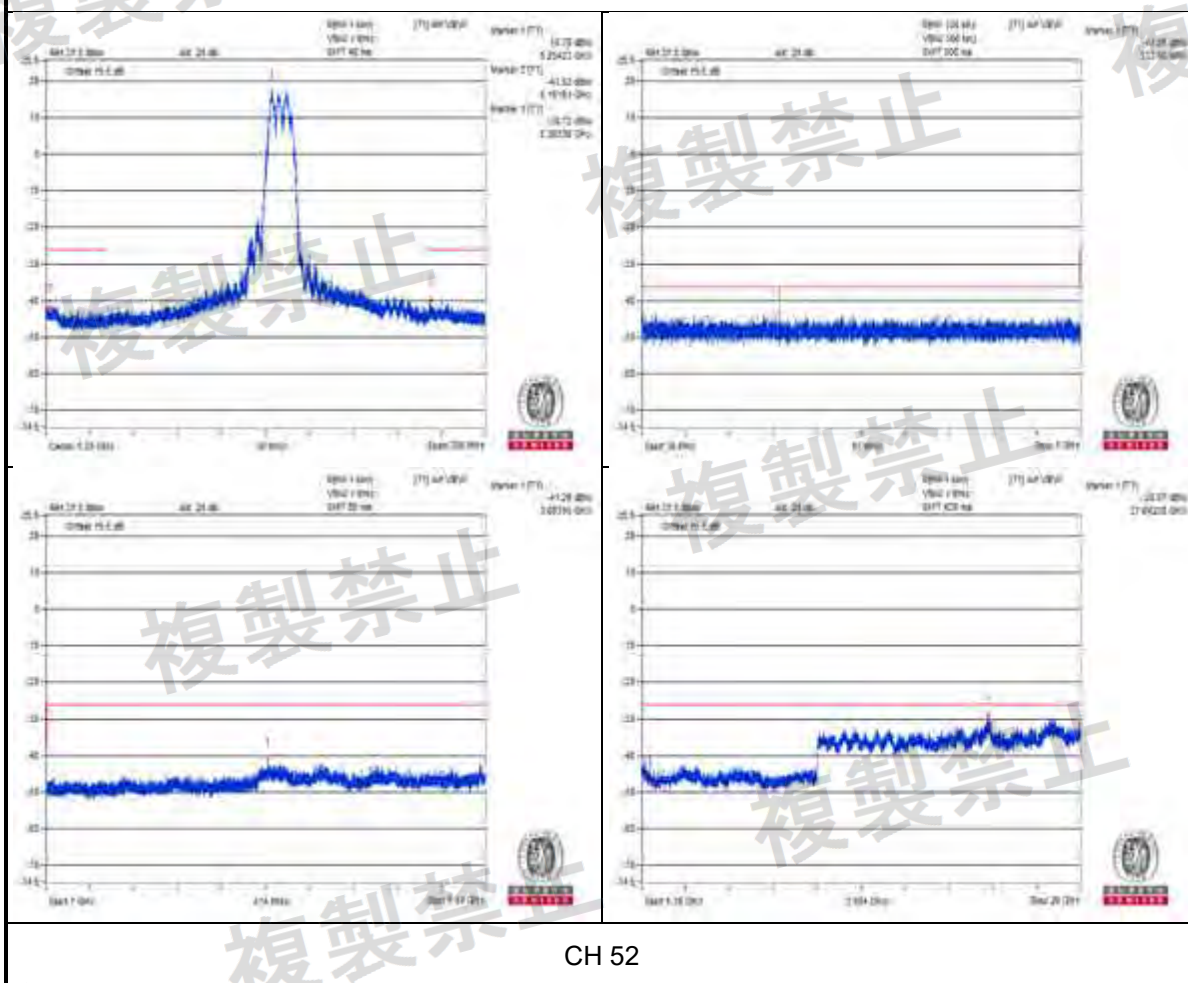


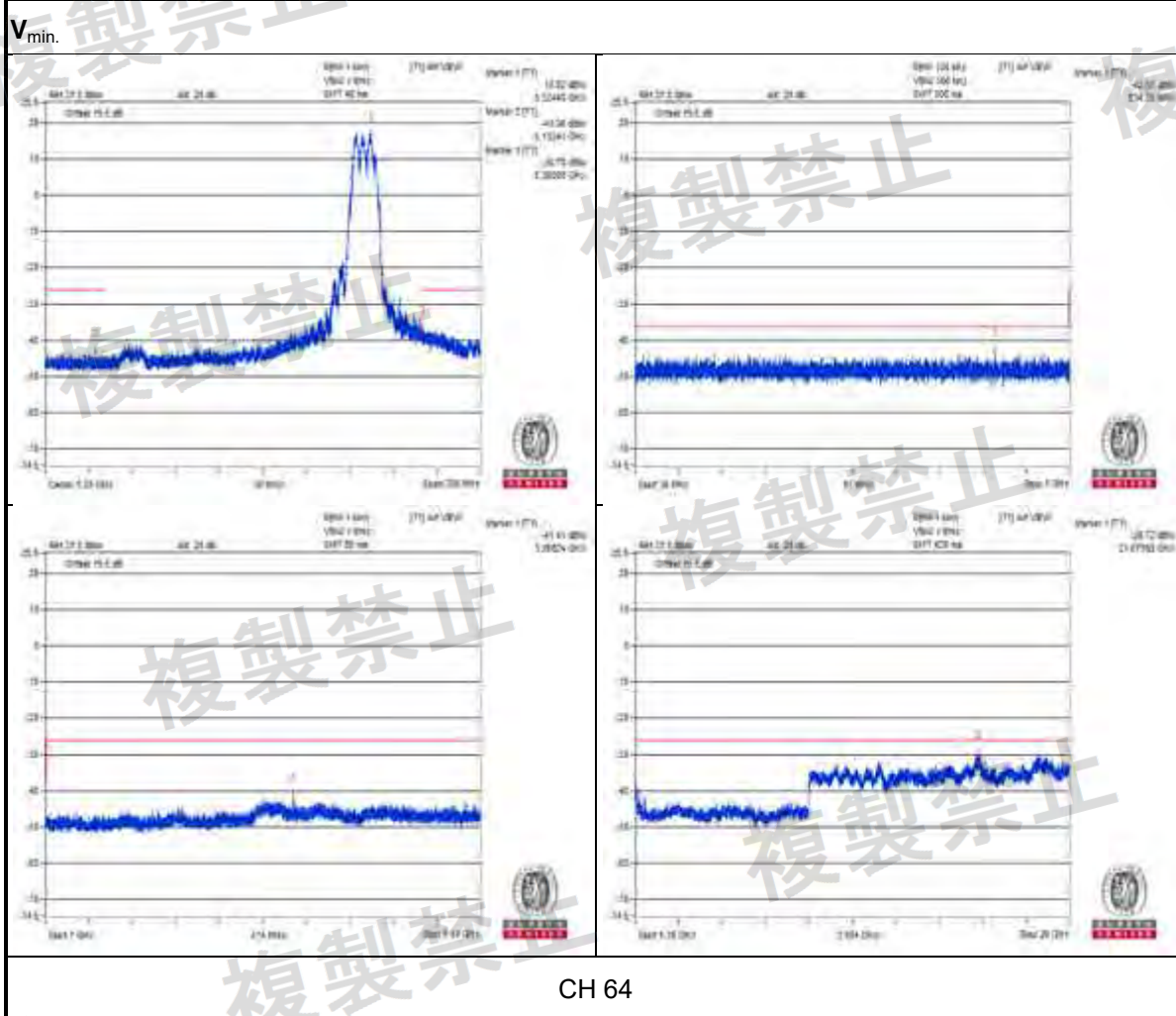


V<sub>max</sub>



V<sub>min</sub>







W56 Band: 802.11a

Environmental Conditions		25 deg.C, 60% RH					
Test Channel		CH100 (5500MHz)		CH120 (5600MHz)		Limit	Result
Test Condition	Frequency Range	Frequency (MHz)	Measured Value	Frequency (MHz)	Measured Value		
V <sub>normal</sub>	30MHz to 1000MHz	871.110	<b>0.0570</b>	954.280	<b>0.0500</b>	0.25uW/100kHz	Pass
	1000MHz to 5455MHz	5454.440	0.8550	5440.520	0.0650	2.5uW/MHz	Pass
	5745MHz to 26000MHz	21662.890	1.0780	24539.100	1.0690	2.5uW/MHz	Pass
V <sub>max.</sub>	30MHz to 1000MHz	213.450	<b>0.0500</b>	284.620	0.0480	0.25uW/100kHz	Pass
	1000MHz to 5455MHz	5448.310	0.6160	5448.310	0.0820	2.5uW/MHz	Pass
	5745MHz to 26000MHz	25106.240	1.2470	21538.830	<b>1.0830</b>	2.5uW/MHz	Pass
V <sub>min.</sub>	30MHz to 1000MHz	546.280	0.0530	798.110	0.0480	0.25uW/100kHz	Pass
	1000MHz to 5455MHz	5454.440	<b>1.0640</b>	5439.400	<b>0.0830</b>	2.5uW/MHz	Pass
	5745MHz to 26000MHz	21541.360	<b>1.5340</b>	25984.800	0.9880	2.5uW/MHz	Pass

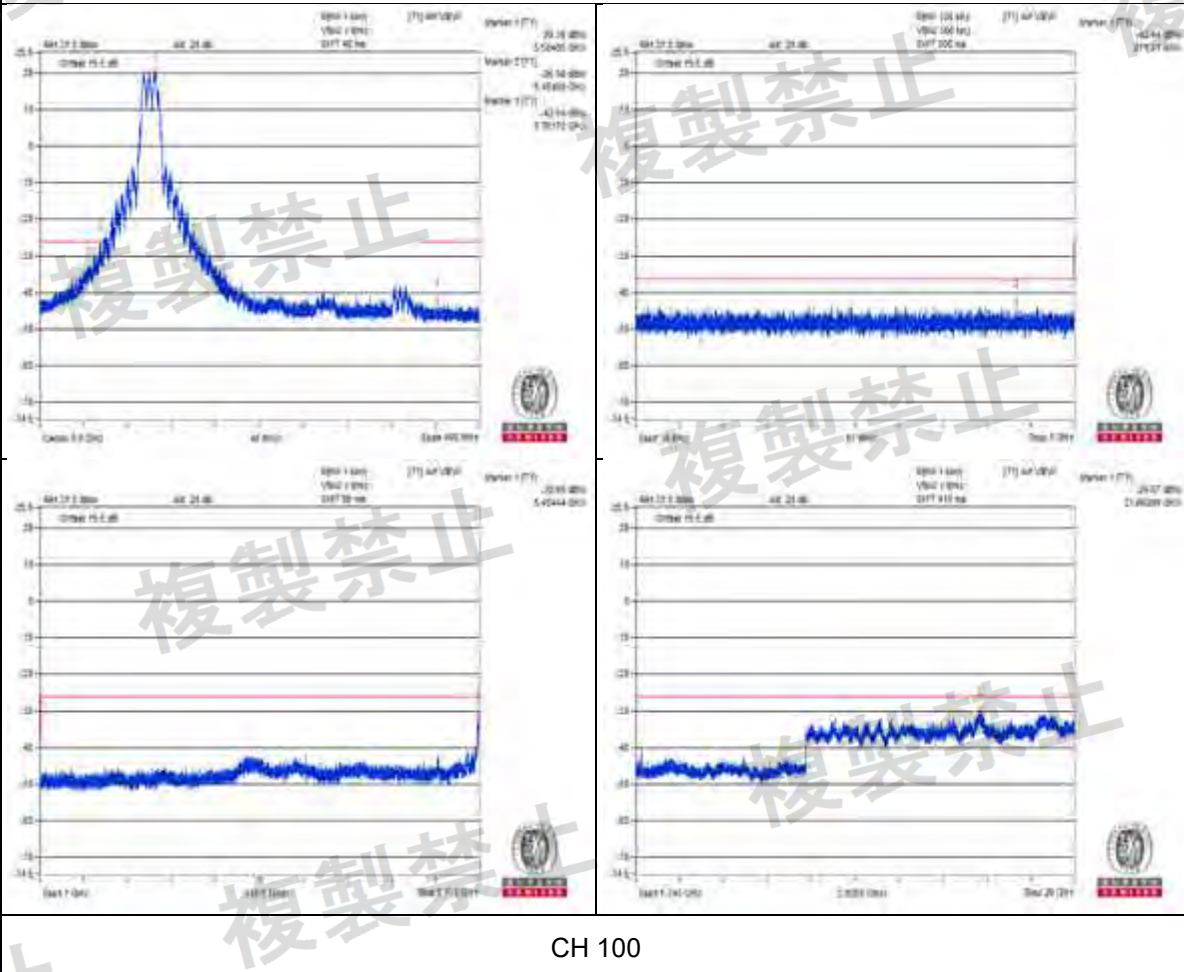
Note: The worst value in each frequency range v.s. each channel has been marked by boldface.



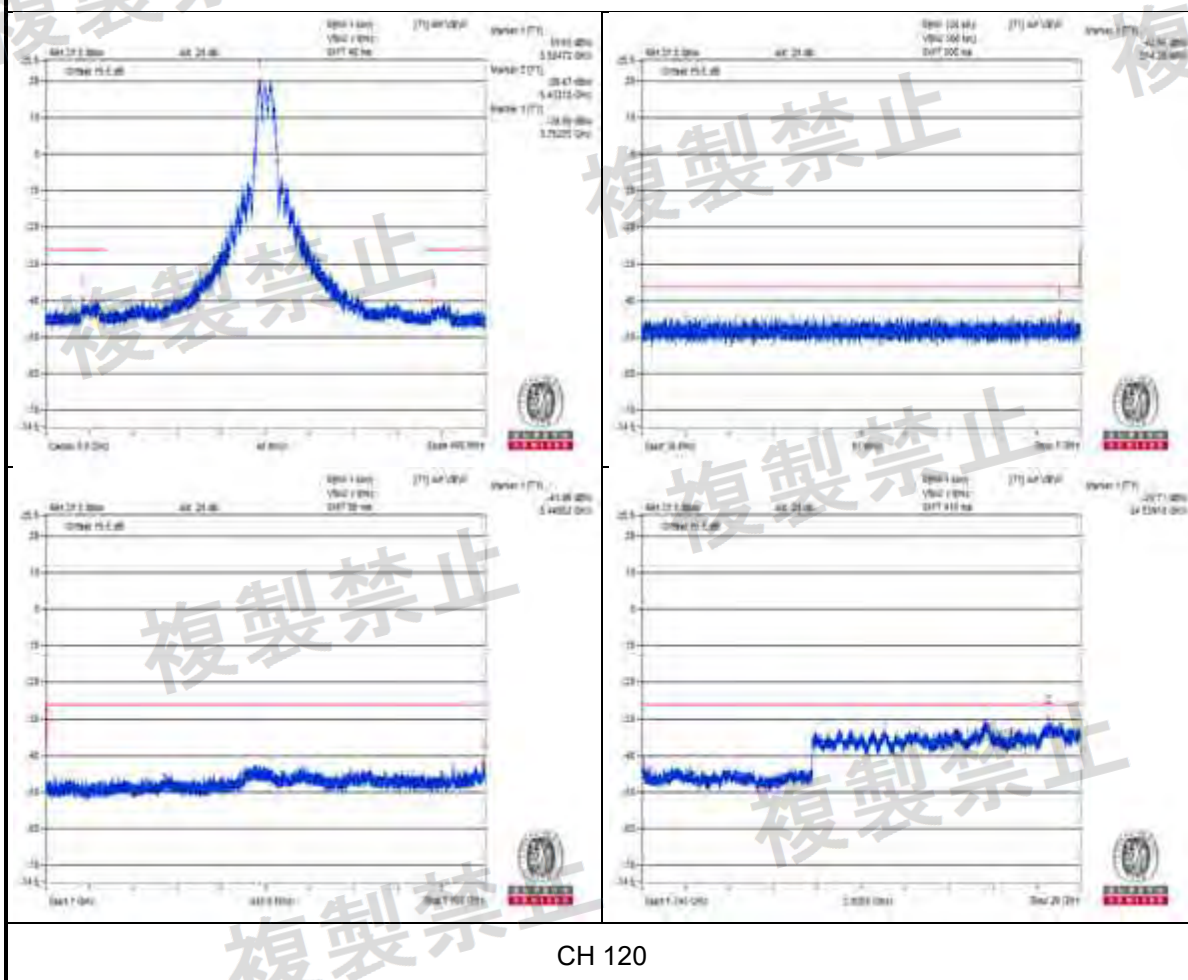
Environmental Conditions		25 deg.C, 60% RH			
Test Channel		CH140 (5700MHz)		Limit	Result
Test Condition	Frequency Range	Frequency (MHz)	Measured Value		
V <sub>normal</sub>	30MHz to 1000MHz	323.910	<b>0.0550</b>	0.25uW/100kHz	Pass
	1000MHz to 5455MHz	3623.430	0.0610	2.5uW/MHz	Pass
	5745MHz to 26000MHz	24435.300	<b>1.1010</b>	2.5uW/MHz	Pass
V <sub>max.</sub>	30MHz to 1000MHz	108.930	0.0450	0.25uW/100kHz	Pass
	1000MHz to 5455MHz	5229.460	0.0910	2.5uW/MHz	Pass
	5745MHz to 26000MHz	24622.660	1.0200	2.5uW/MHz	Pass
V <sub>min.</sub>	30MHz to 1000MHz	725.240	0.0510	0.25uW/100kHz	Pass
	1000MHz to 5455MHz	5229.460	<b>0.0990</b>	2.5uW/MHz	Pass
	5745MHz to 26000MHz	21680.620	1.0280	2.5uW/MHz	Pass

Note: 1. The worst value in each frequency range v.s. each channel has been marked by boldface  
 2. The spectrum plots are attached on the following pages

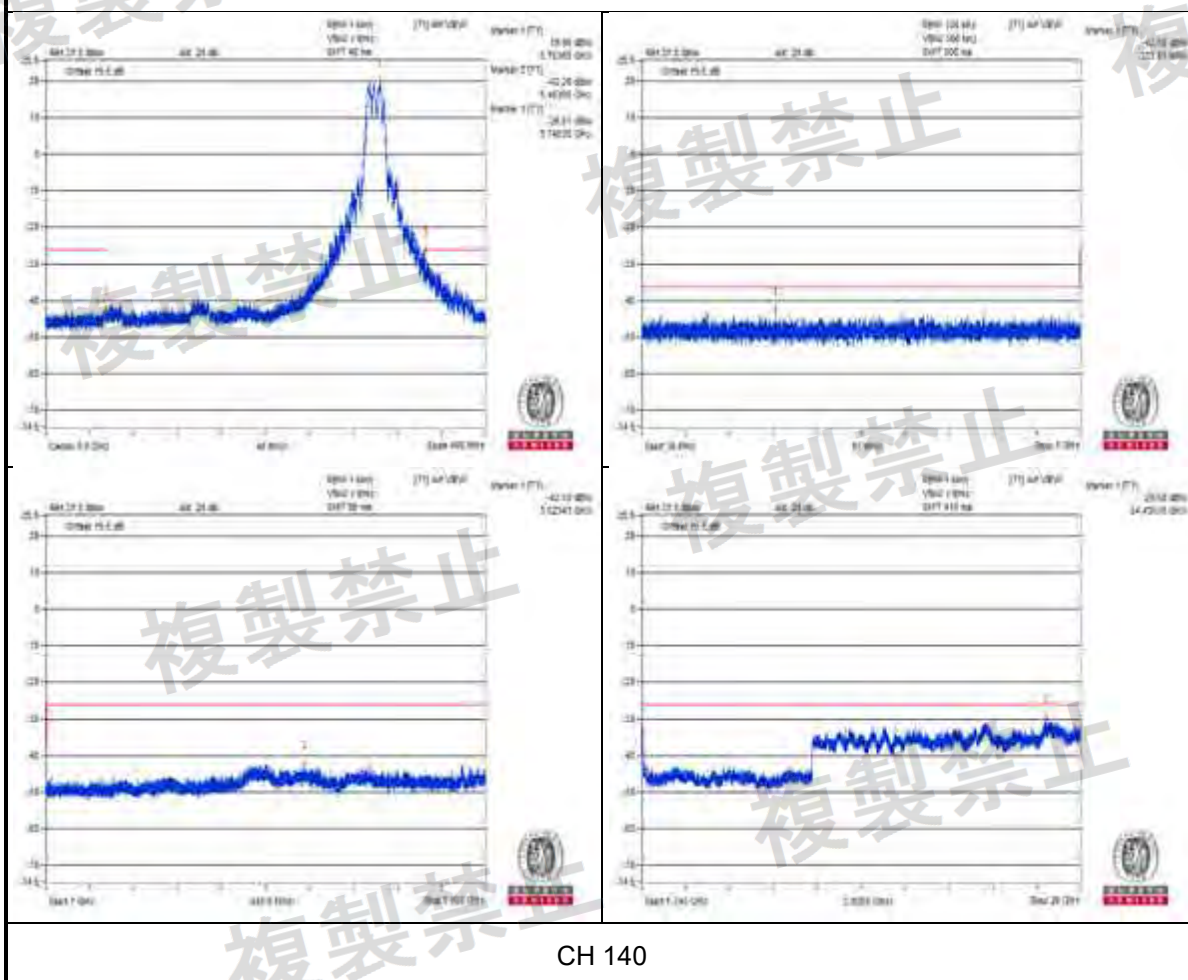
V normal



V normal

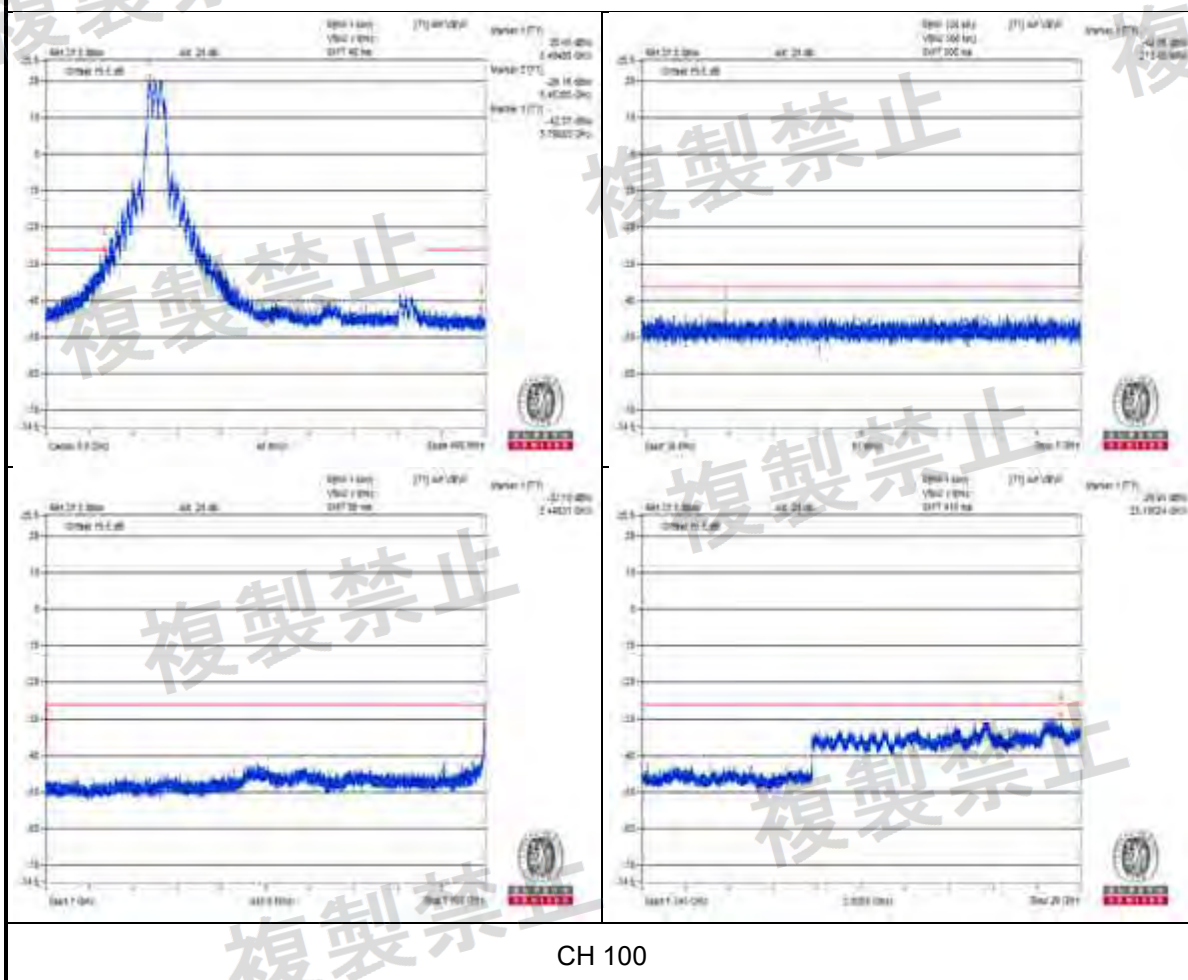


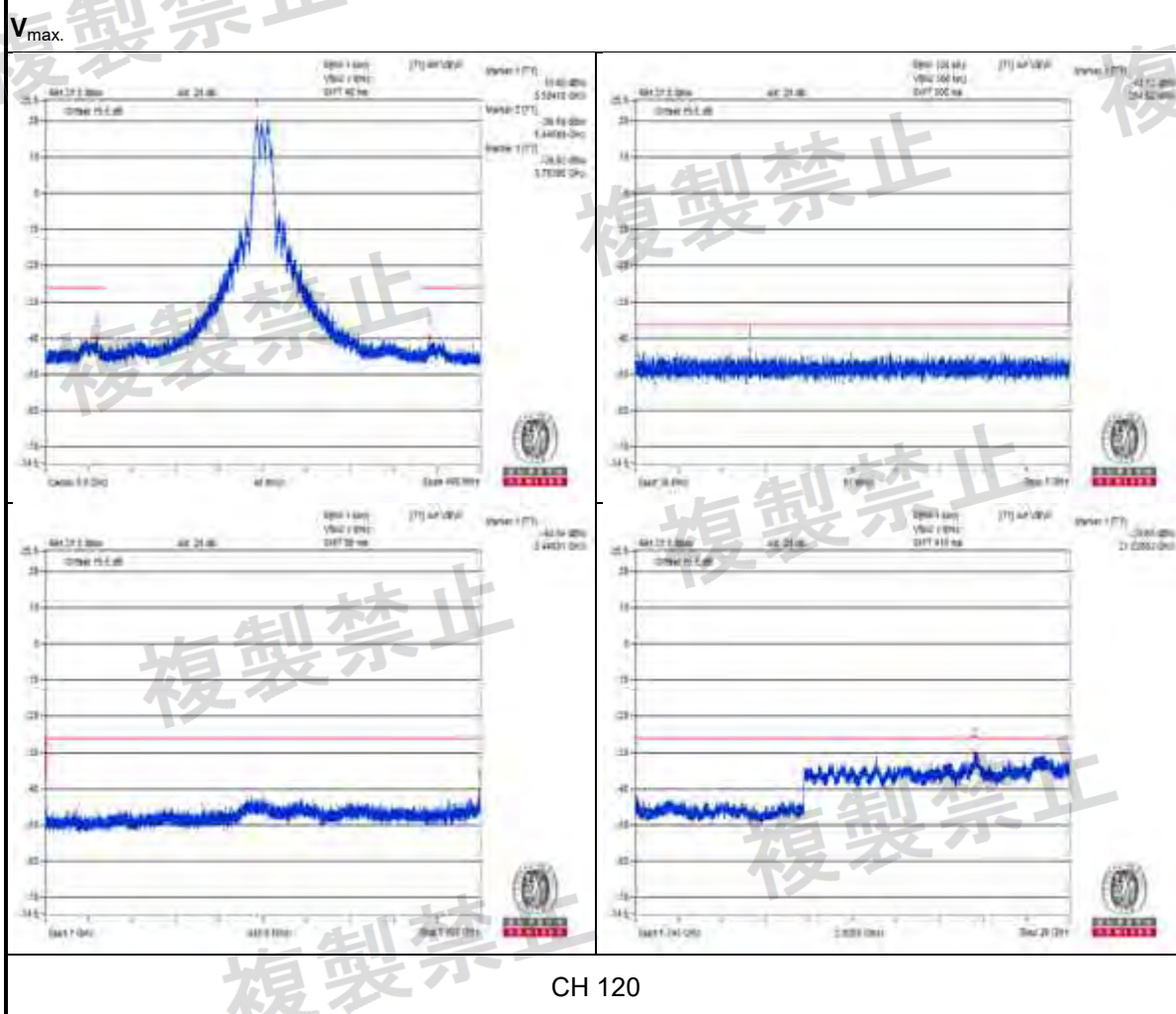
V normal



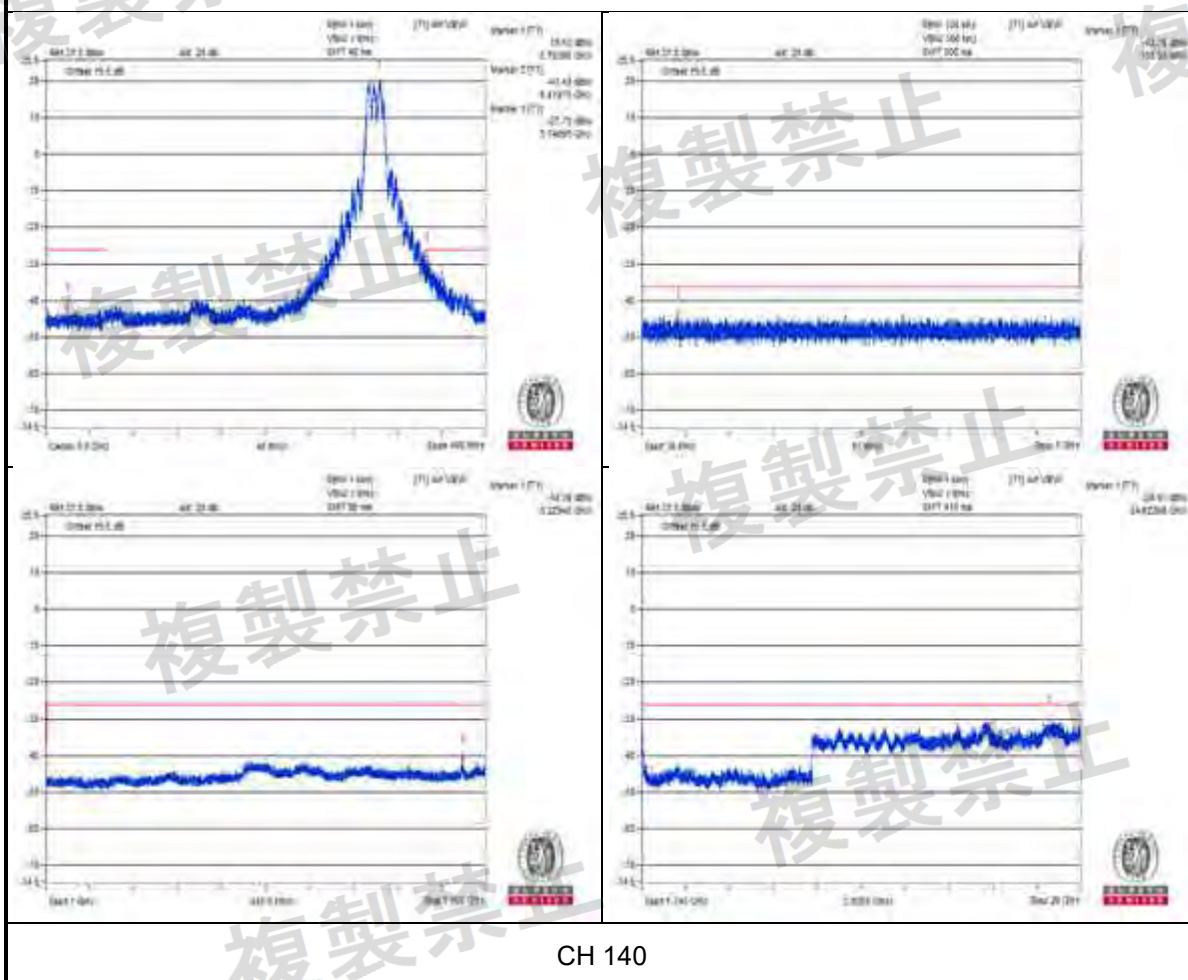


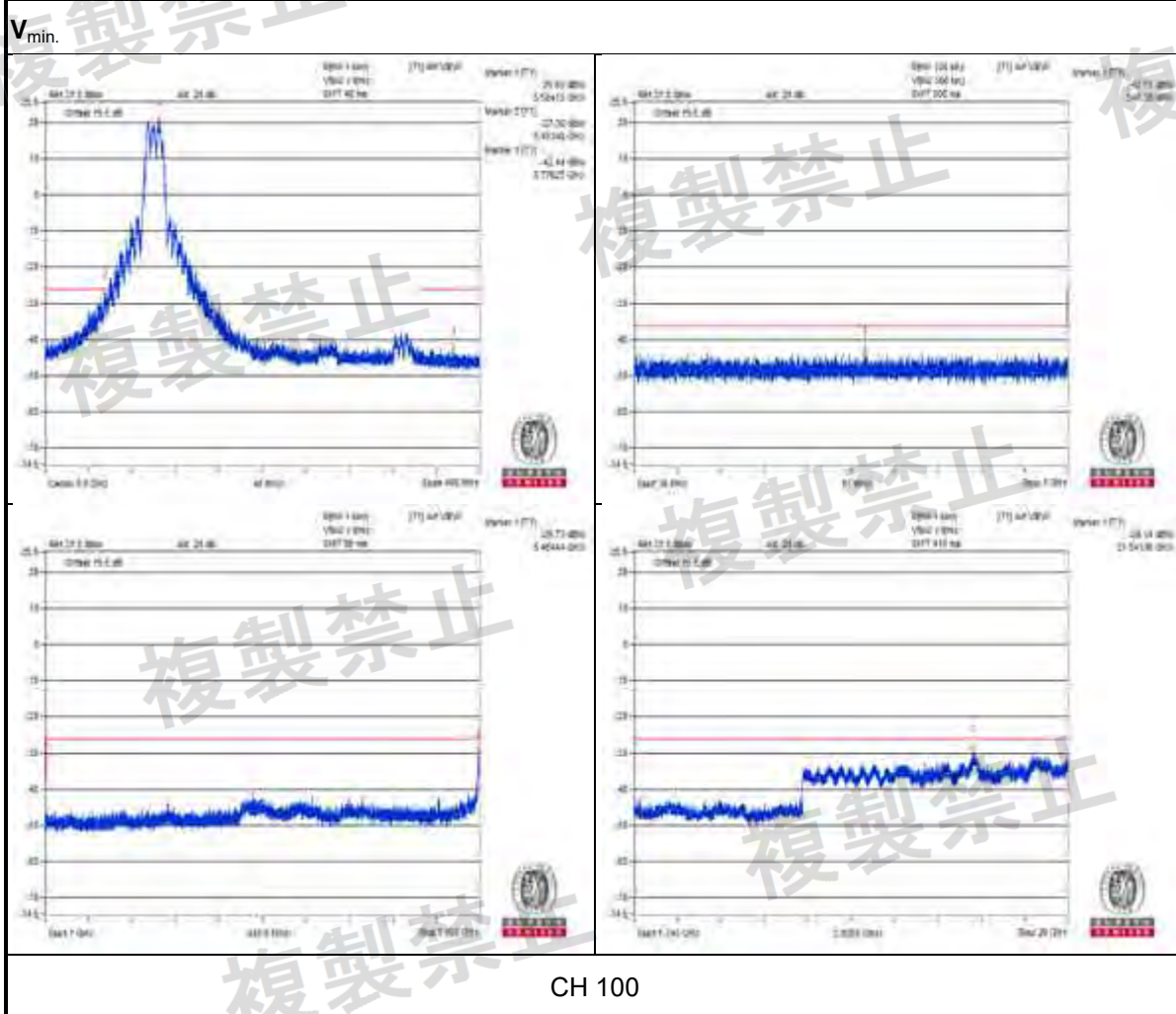
V<sub>max</sub>



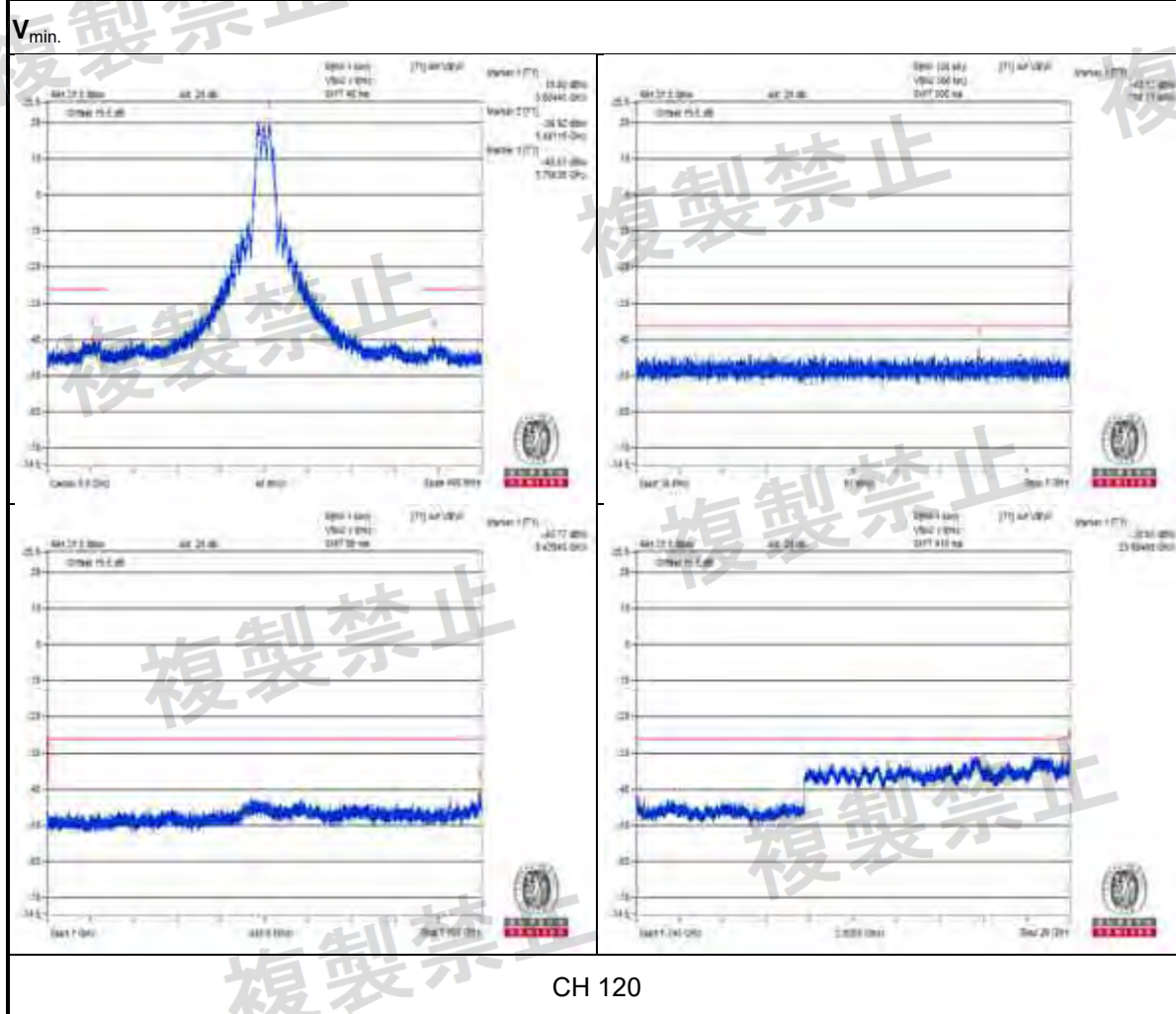


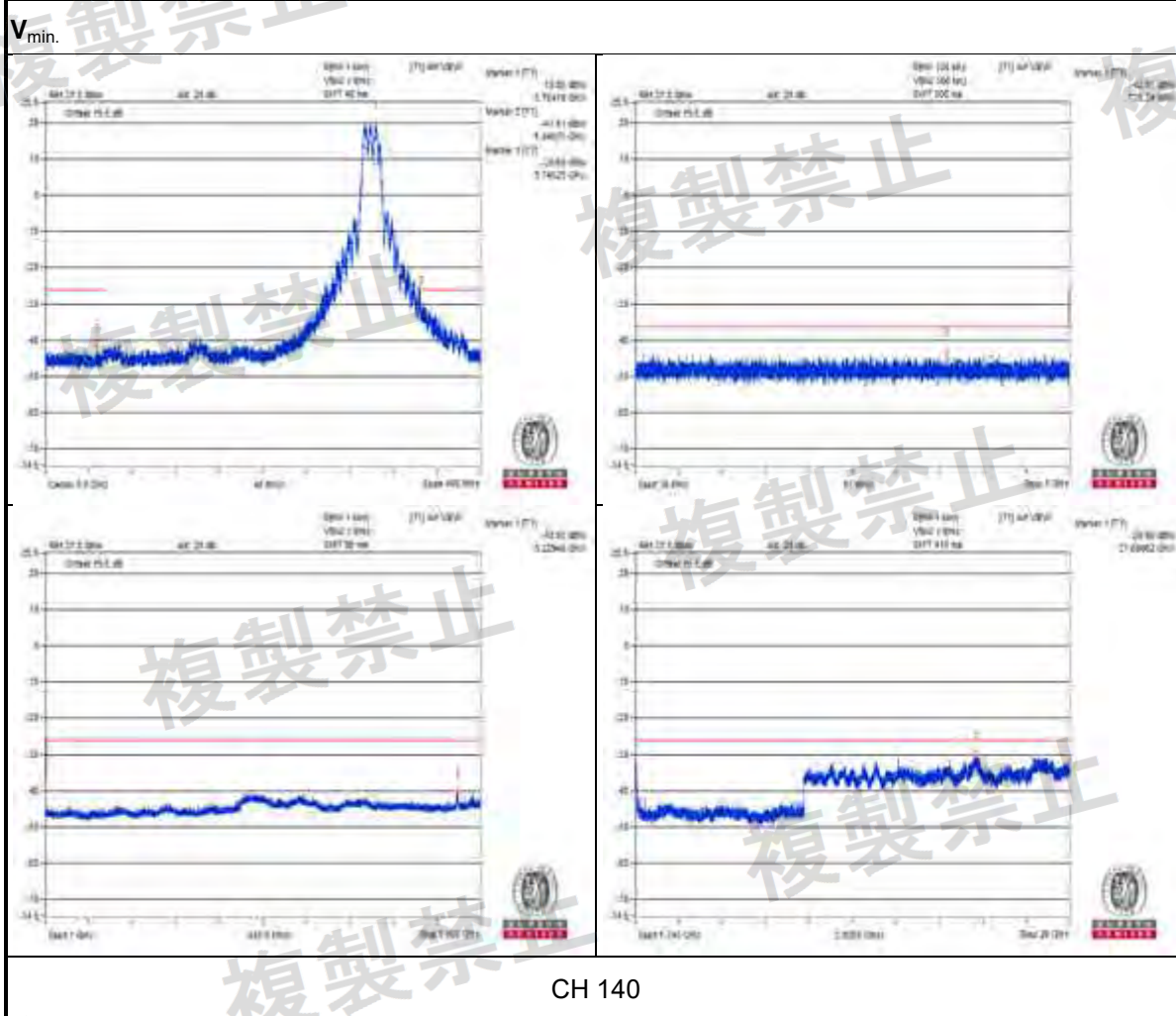
V<sub>max</sub>









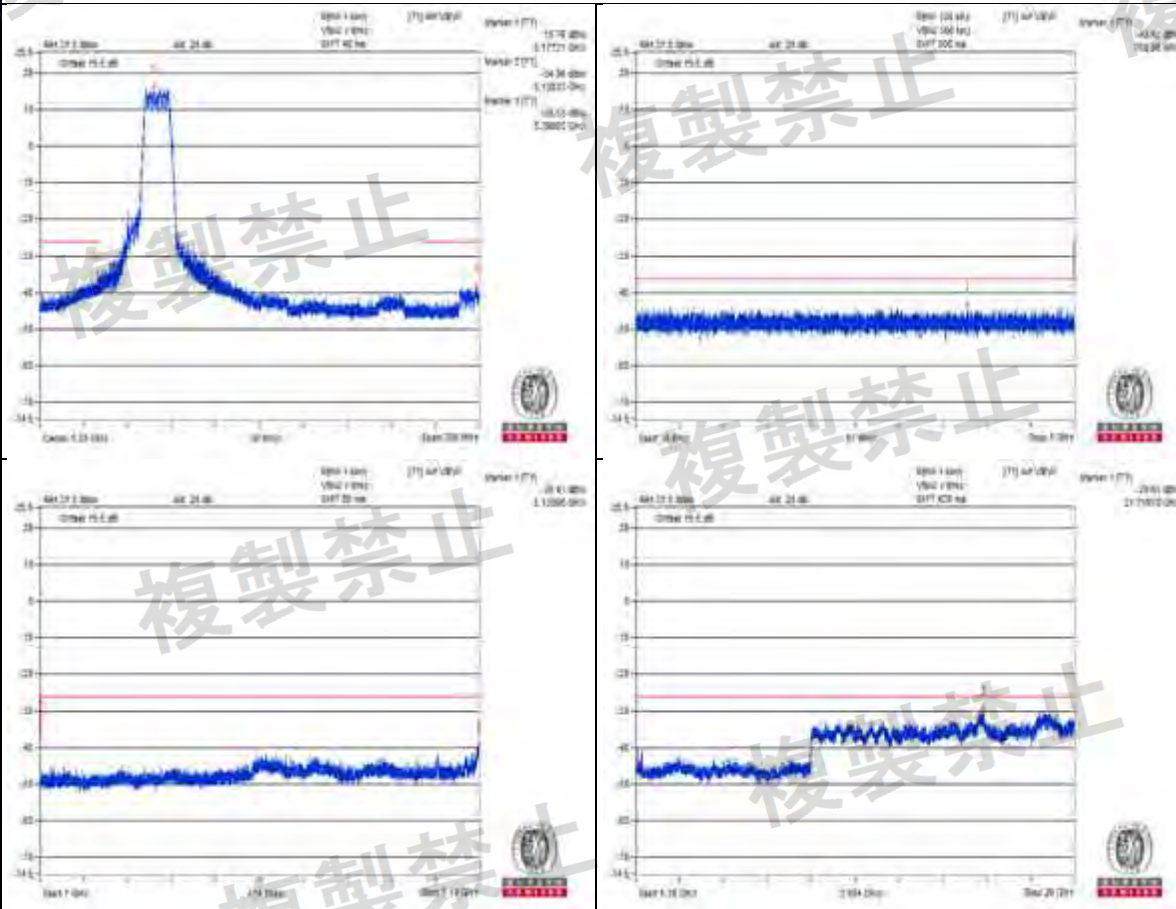


W52 Bands: 802.11n (HT20)

Environmental Conditions		25 deg.C, 60% RH					
Test Channel		CH36 (5180MHz)		CH48 (5240MHz)		Limit	Result
Test Condition	Frequency Range	Frequency (MHz)	Measured Value	Frequency (MHz)	Measured Value		
V <sub>normal</sub>	30MHz to 1000MHz	762.950	0.0450	823.700	0.0430	0.25uW/100kHz	Pass
	1000MHz to 5140MHz	5138.960	0.1140	3074.650	0.0690	2.5uW/MHz	Pass
	5360MHz to 26000MHz	21719.780	1.0930	21644.960	1.0370	2.5uW/MHz	Pass
V <sub>max.</sub>	30MHz to 1000MHz	892.690	0.0480	456.800	0.0440	0.25uW/100kHz	Pass
	1000MHz to 5140MHz	5128.090	<b>0.2110</b>	4800.520	0.0580	2.5uW/MHz	Pass
	5360MHz to 26000MHz	25107.320	<b>1.2240</b>	24604.220	<b>1.0830</b>	2.5uW/MHz	Pass
V <sub>min.</sub>	30MHz to 1000MHz	256.130	<b>0.0500</b>	56.670	<b>0.0500</b>	0.25uW/100kHz	Pass
	1000MHz to 5140MHz	5131.200	0.1150	3078.280	<b>0.0720</b>	2.5uW/MHz	Pass
	5360MHz to 26000MHz	24387.500	1.1090	21668.180	1.0300	2.5uW/MHz	Pass

Note: 1. The worst value in each frequency range v.s. each channel has been marked by boldface  
 2. The spectrum plots are attached on the following pages

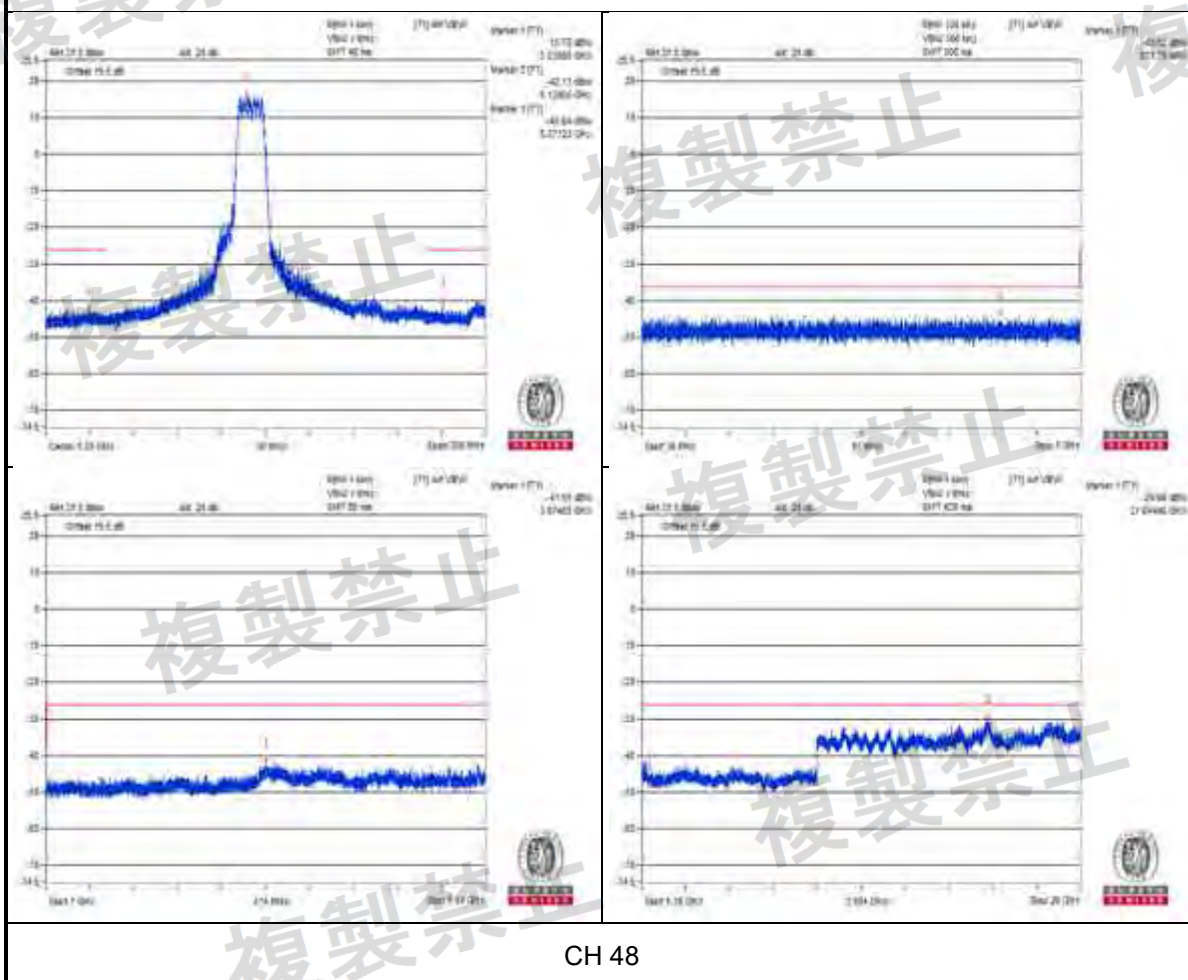
V normal



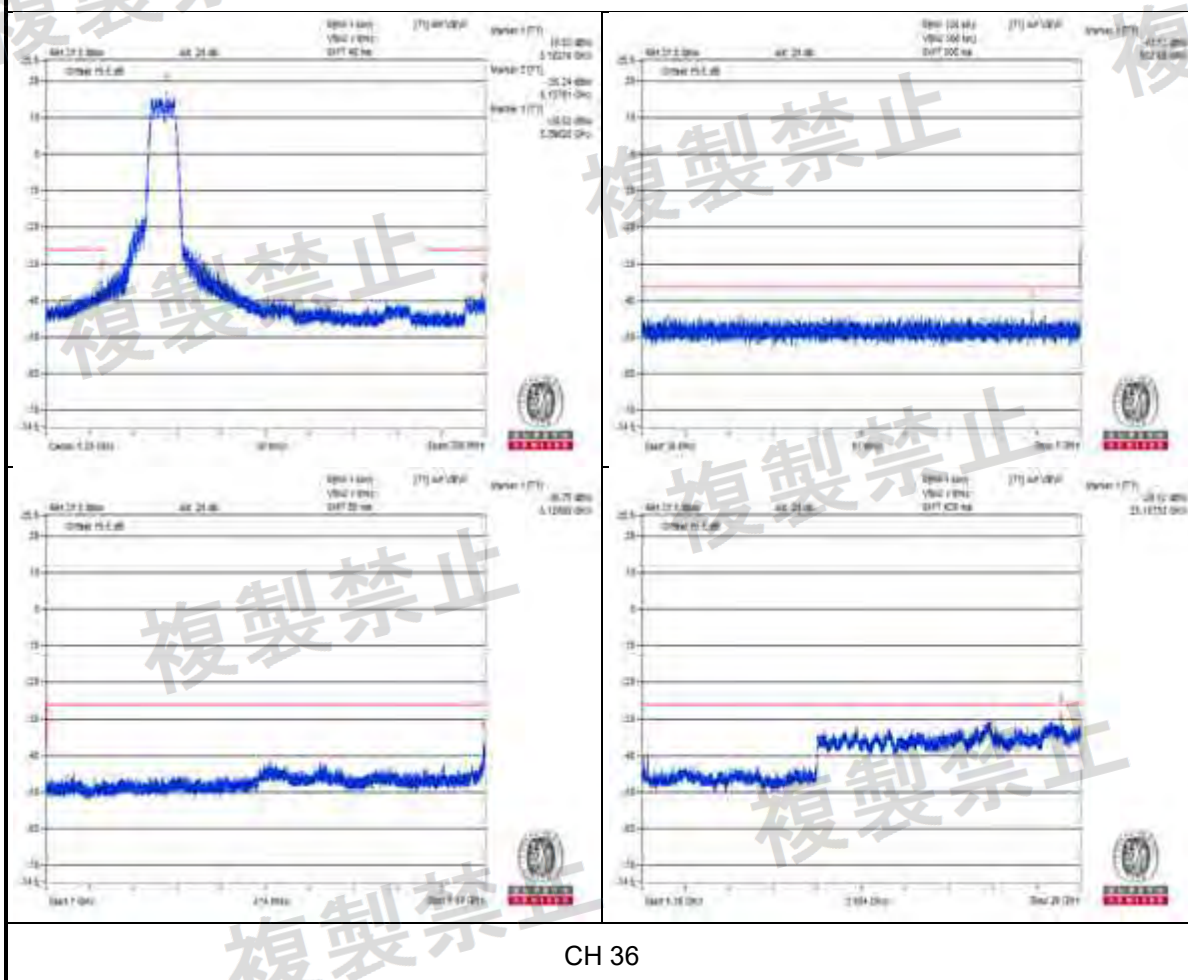
CH 36

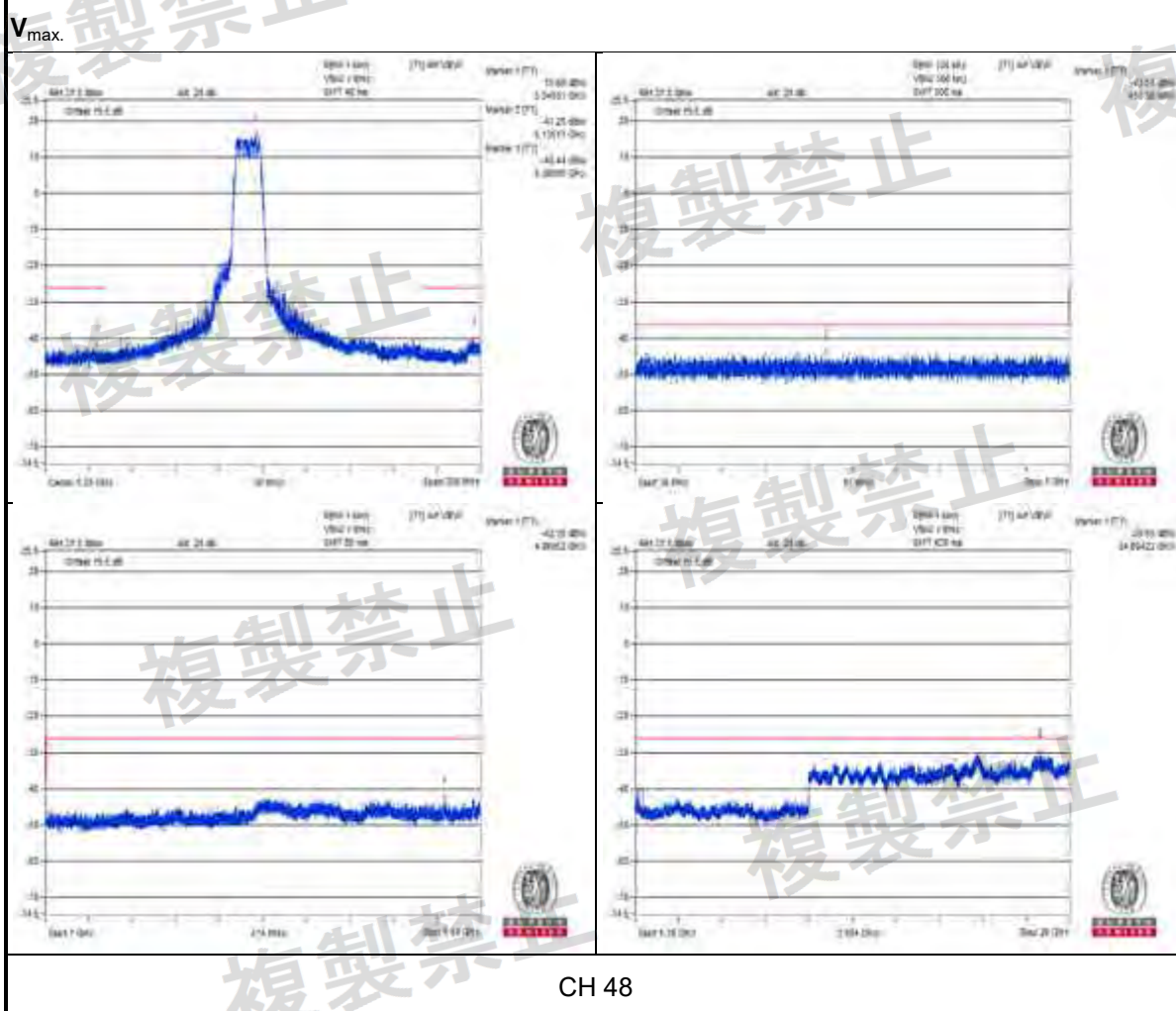


V normal

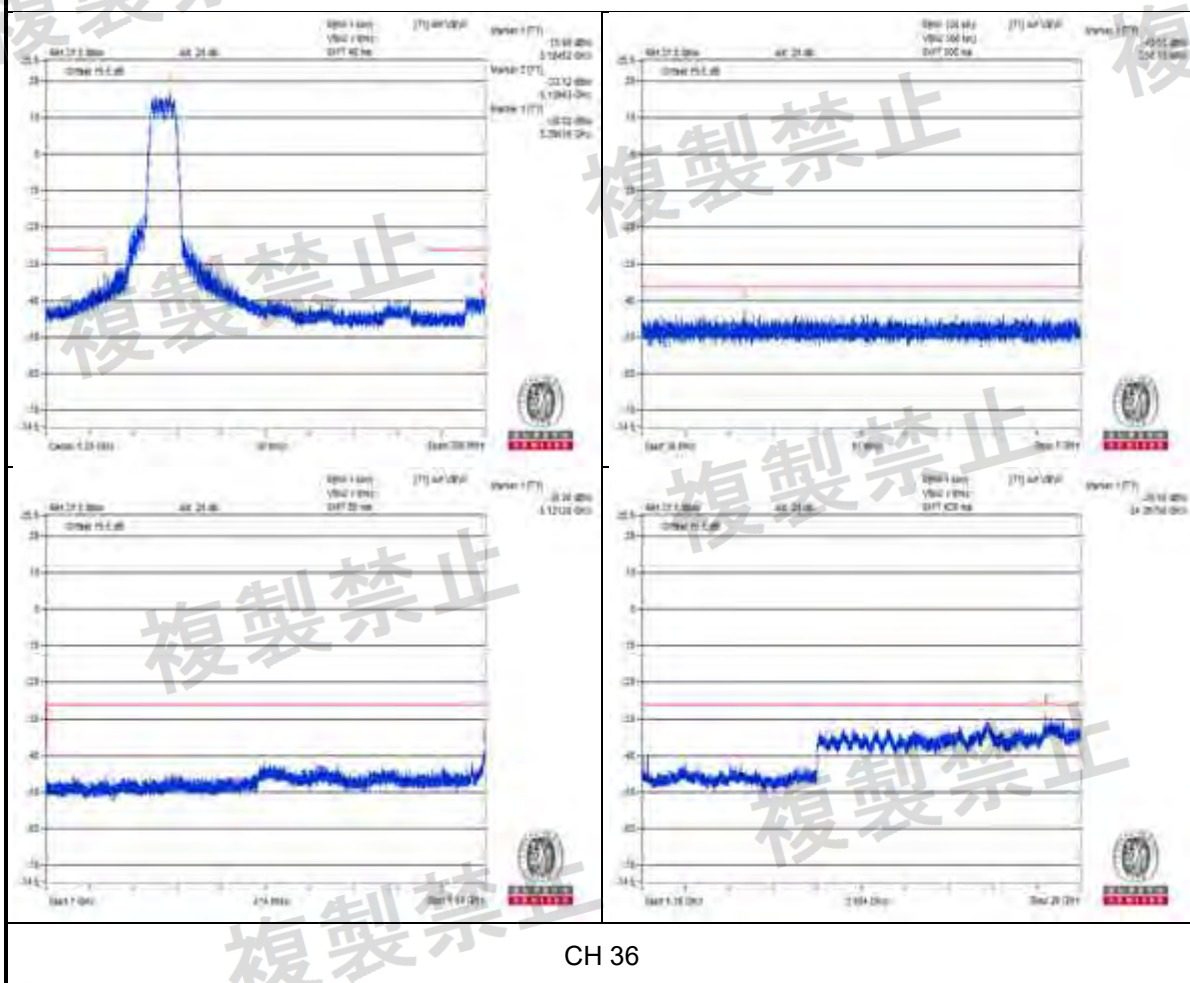


V<sub>max</sub>



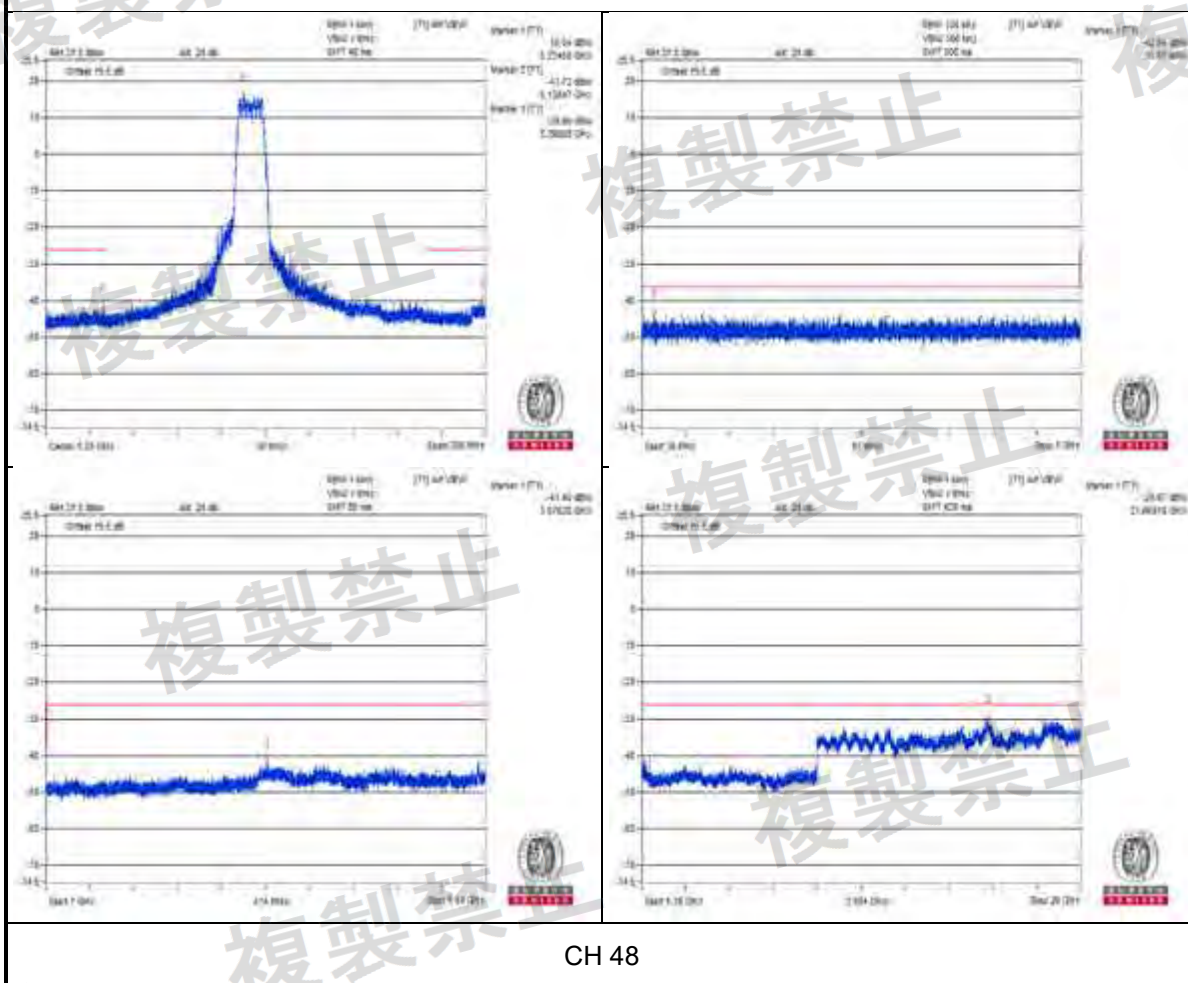


V<sub>min</sub>





V<sub>min</sub>



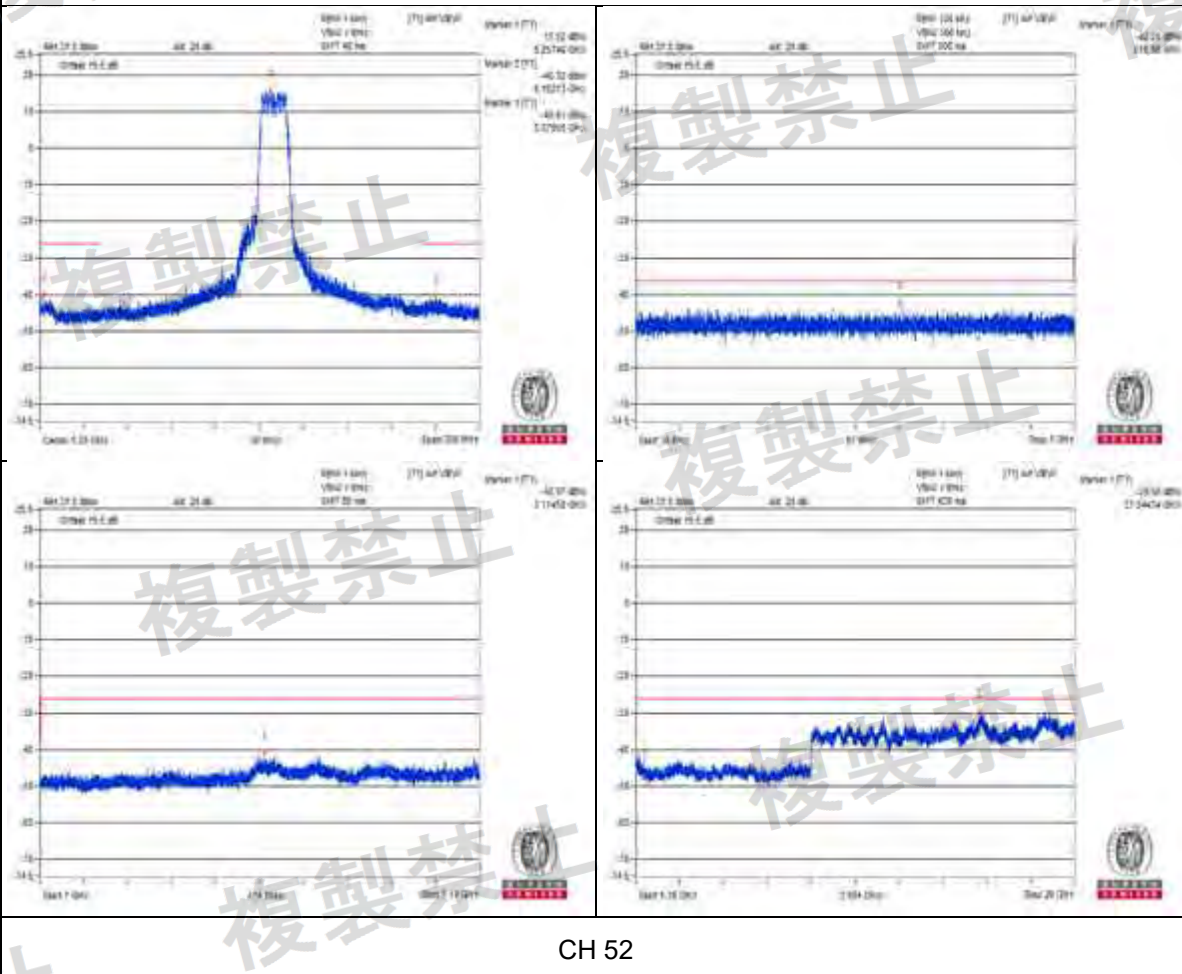


W53 Bands: 802.11ac (VHT20)

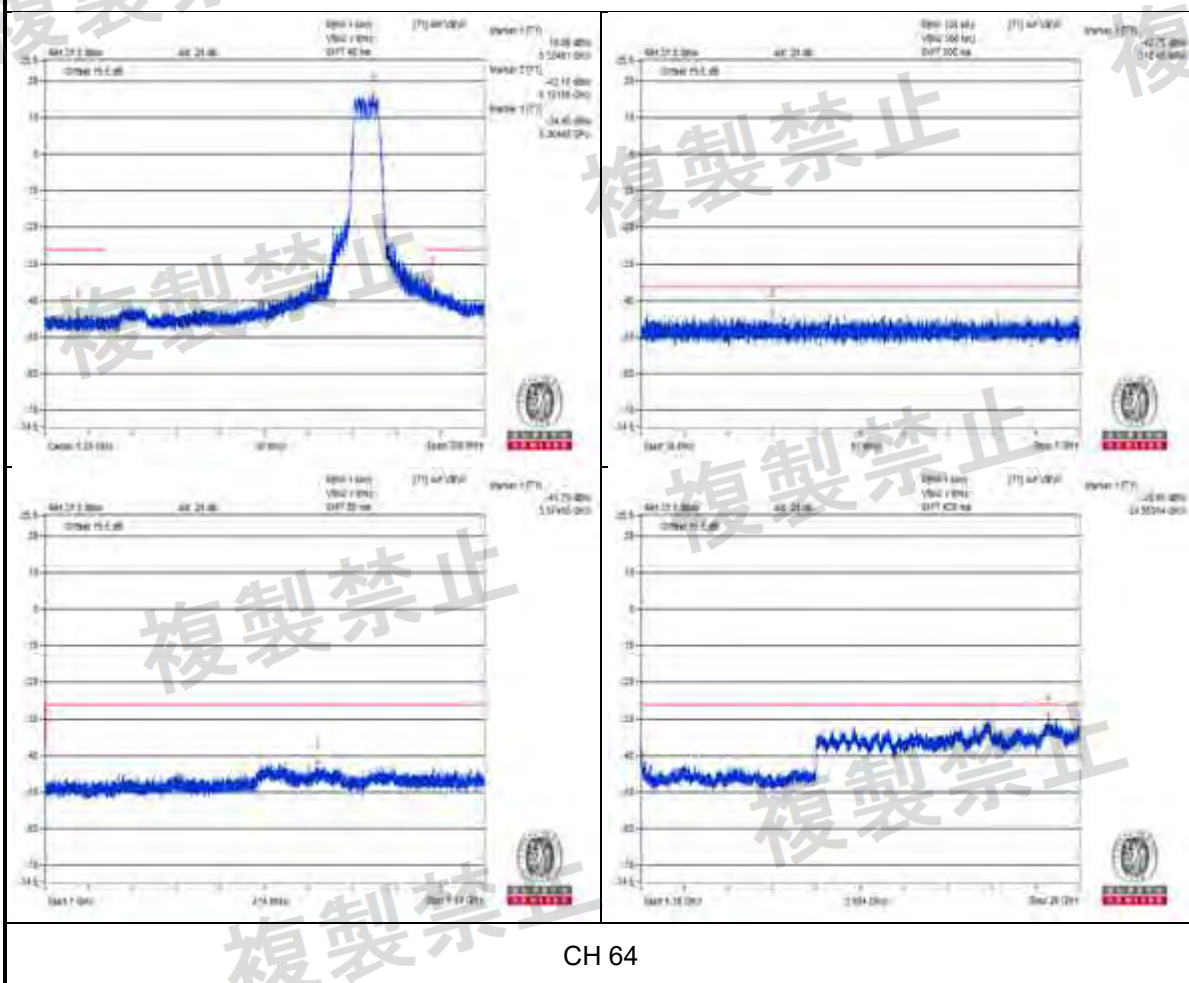
Environmental Conditions		25 deg.C, 60% RH					
Test Channel		CH52 (5260MHz)		CH64 (5320MHz)		Limit	Result
Test Condition	Frequency Range	Frequency (MHz)	Measured Value	Frequency (MHz)	Measured Value		
V <sub>normal</sub>	30MHz to 1000MHz	615.880	<b>0.0590</b>	318.450	0.0530	0.25uW/100kHz	Pass
	1000MHz to 5140MHz	3114.500	<b>0.0790</b>	3574.560	0.0660	2.5uW/MHz	Pass
	5360MHz to 26000MHz	21544.340	<b>1.1010</b>	24550.040	1.2730	2.5uW/MHz	Pass
V <sub>max.</sub>	30MHz to 1000MHz	516.090	0.0520	419.940	0.0530	0.25uW/100kHz	Pass
	1000MHz to 5140MHz	3093.800	0.0760	3026.010	<b>0.0680</b>	2.5uW/MHz	Pass
	5360MHz to 26000MHz	21750.740	1.0040	21572.720	<b>1.3240</b>	2.5uW/MHz	Pass
V <sub>min.</sub>	30MHz to 1000MHz	834.490	0.0460	407.690	<b>0.0540</b>	0.25uW/100kHz	Pass
	1000MHz to 5140MHz	3265.610	0.0670	3053.440	0.0590	2.5uW/MHz	Pass
	5360MHz to 26000MHz	24611.960	0.9590	21634.640	0.9630	2.5uW/MHz	Pass

Note: 1. The worst value in each frequency range v.s. each channel has been marked by boldface  
2. The spectrum plots are attached on the following pages

V normal

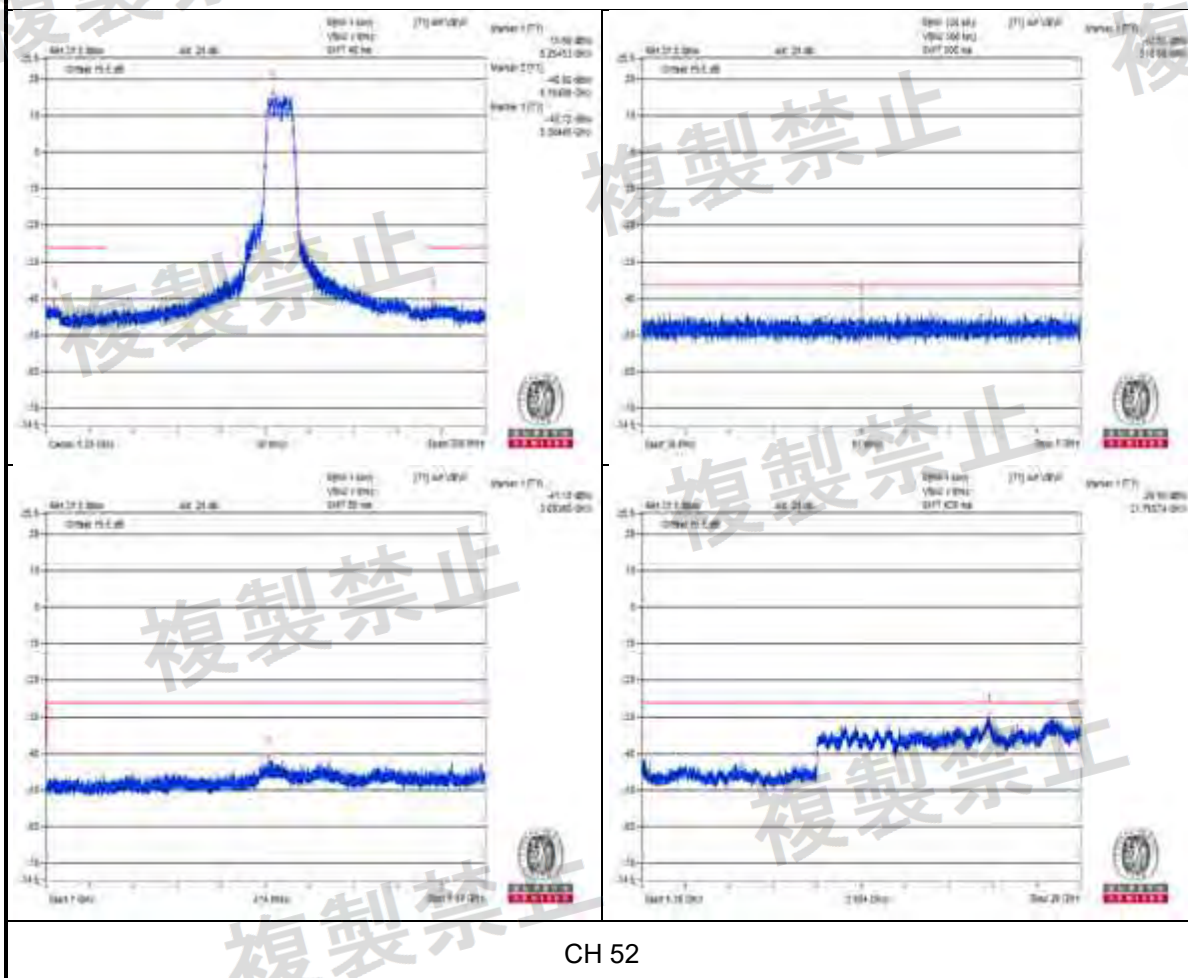


V normal

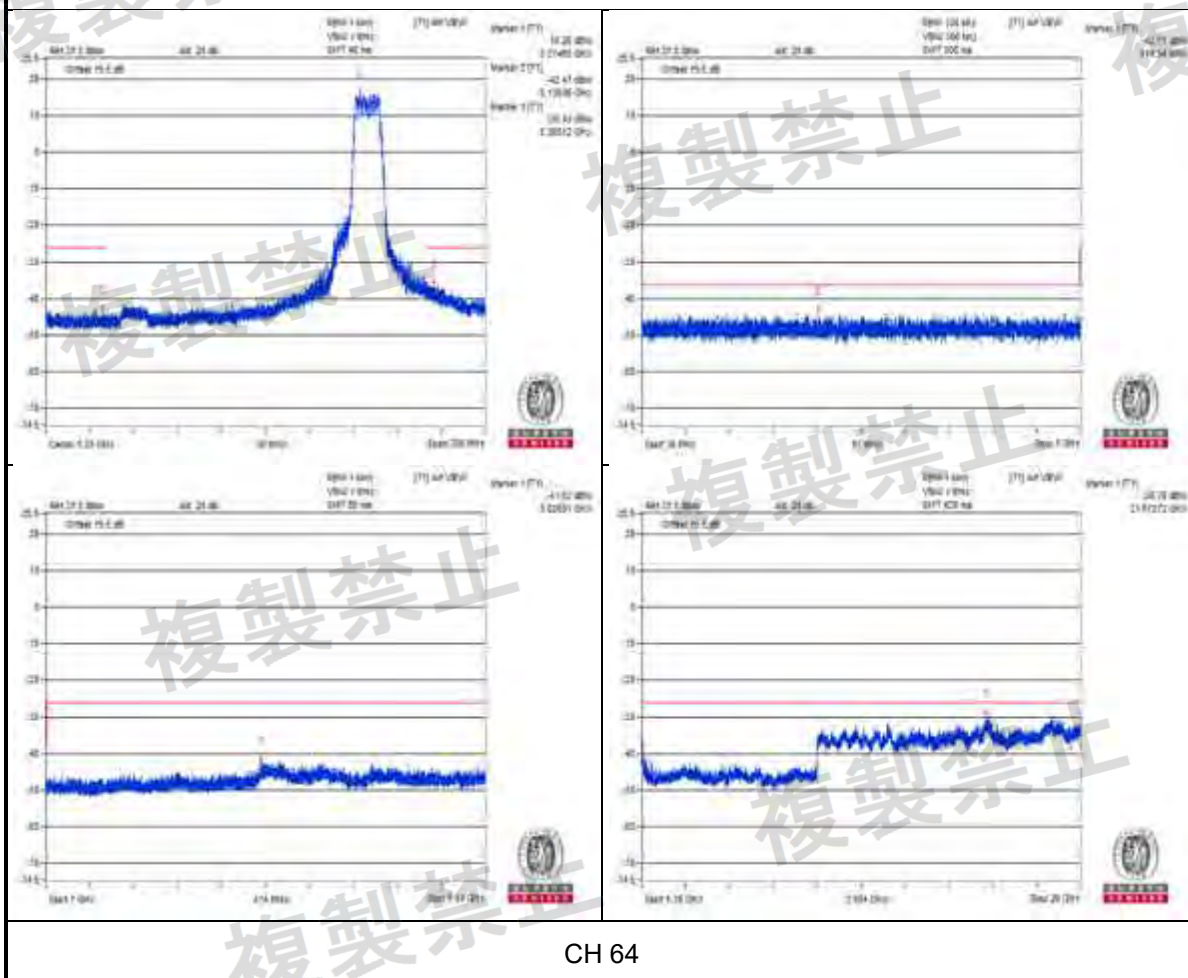




V<sub>max</sub>

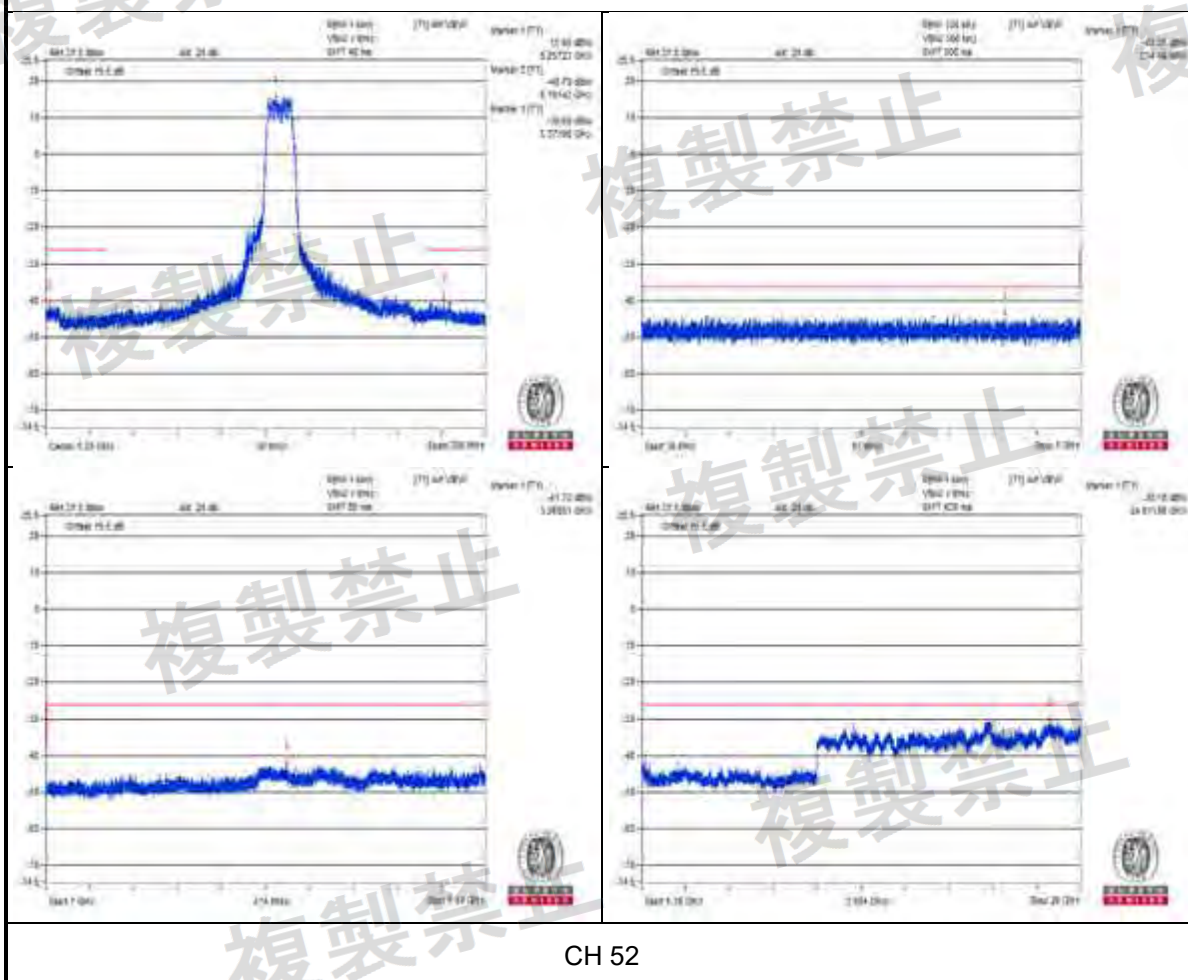


V<sub>max</sub>

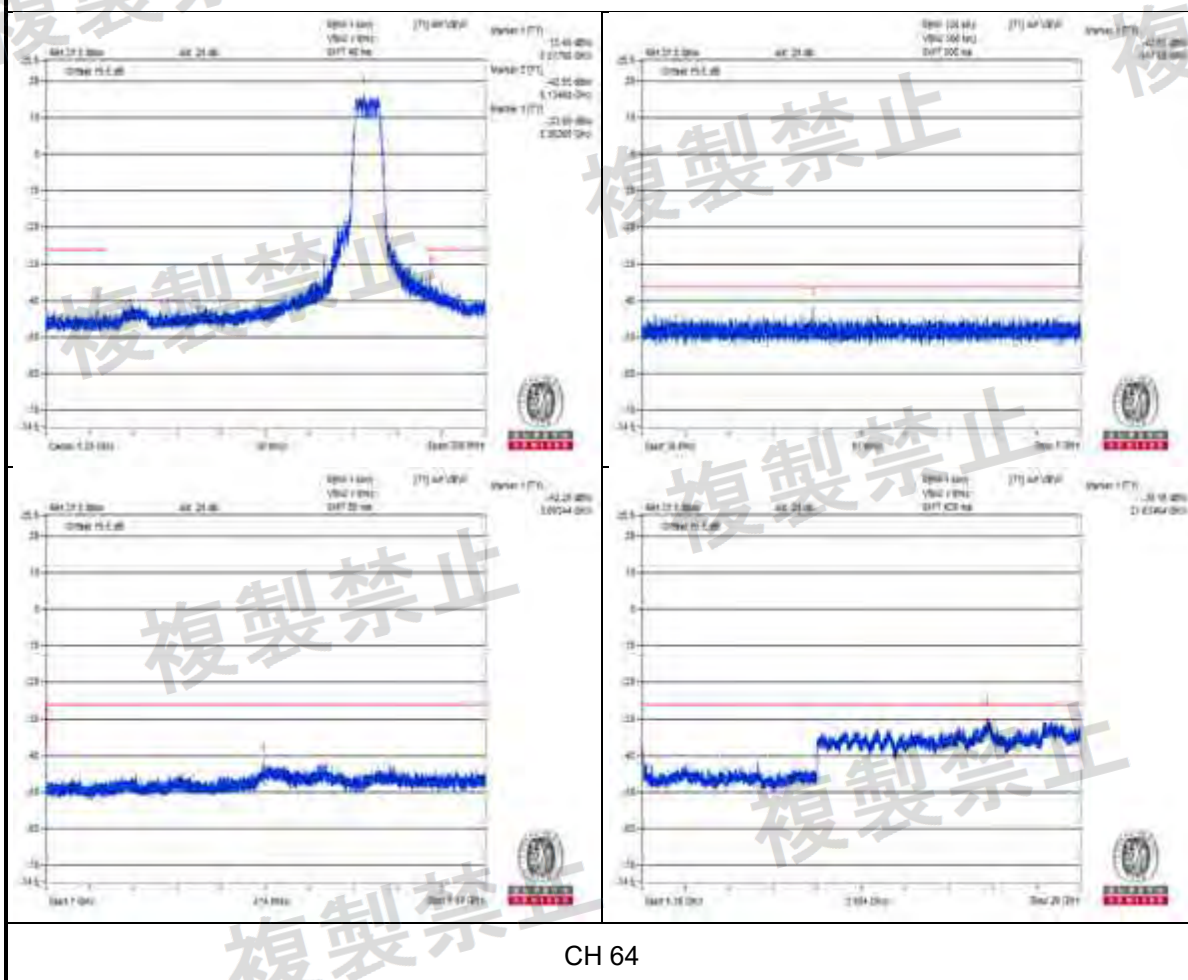


CH 64

V<sub>min</sub>



V<sub>min</sub>







W56 Band: 802.11ac (VHT20)

Environmental Conditions		25 deg.C, 60% RH					
Test Channel		CH100 (5500MHz)		CH120 (5600MHz)		Limit	Result
Test Condition	Frequency Range	Frequency (MHz)	Measured Value	Frequency (MHz)	Measured Value		
V <sub>normal</sub>	30MHz to 1000MHz	333.240	0.047uW	633.340	0.044uW	0.25uW/100kHz	Pass
	1000MHz to 5455MHz	5455.000	0.849uW	3027.580	0.06uW	2.5uW/MHz	Pass
	5745MHz to 26000MHz	21584.410	1.119uW	24622.660	1.009uW	2.5uW/MHz	Pass
V <sub>max.</sub>	30MHz to 1000MHz	986.420	0.044uW	675.170	0.05uW	0.25uW/100kHz	Pass
	1000MHz to 5455MHz	5453.320	0.554uW	3086.610	0.062uW	2.5uW/MHz	Pass
	5745MHz to 26000MHz	24435.300	1.127uW	24665.700	1.114uW	2.5uW/MHz	Pass
V <sub>min.</sub>	30MHz to 1000MHz	785.140	0.041uW	959.980	0.055uW	0.25uW/100kHz	Pass
	1000MHz to 5455MHz	5455.000	0.608uW	3153.430	0.067uW	2.5uW/MHz	Pass
	5745MHz to 26000MHz	24369.470	1.129uW	24640.380	1.047uW	2.5uW/MHz	Pass

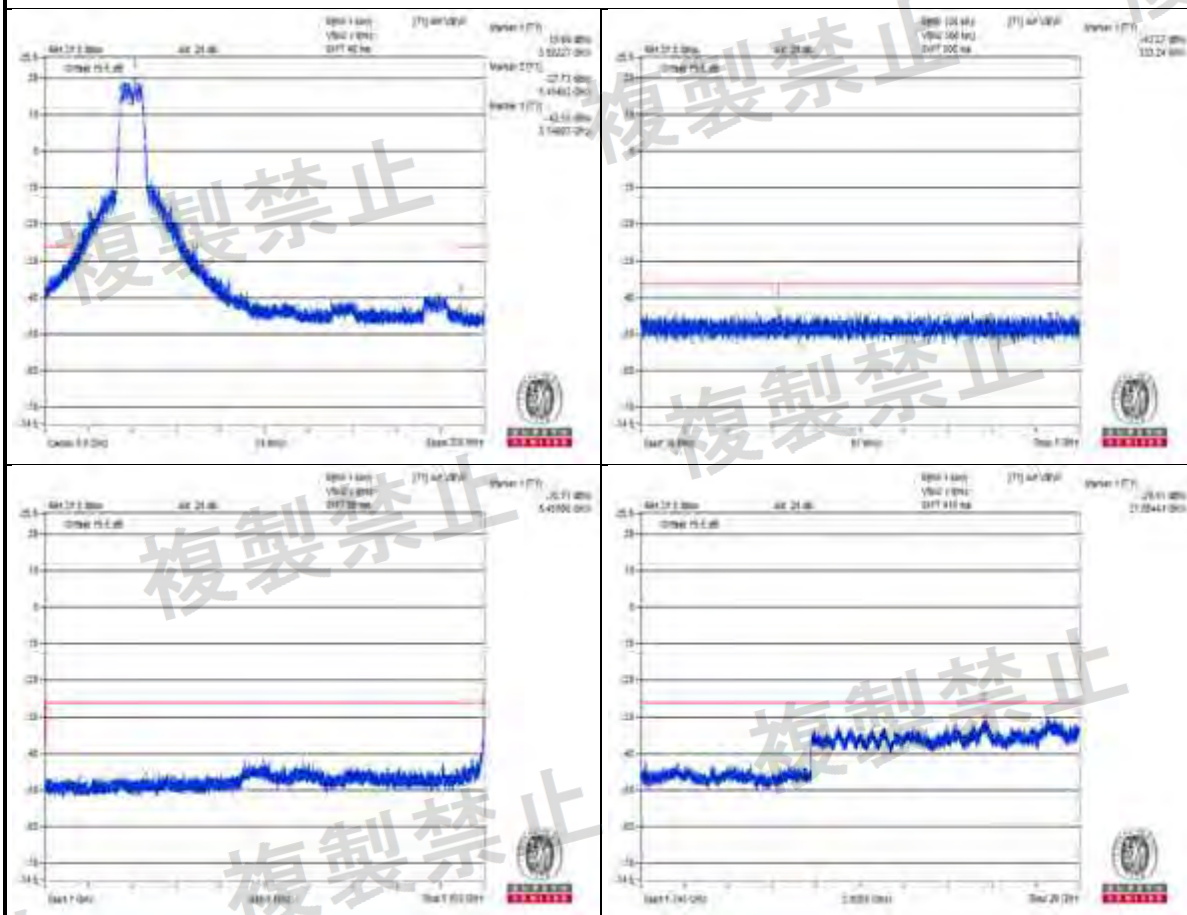
Note: The worst value in each frequency range v.s. each channel has been marked by boldface.



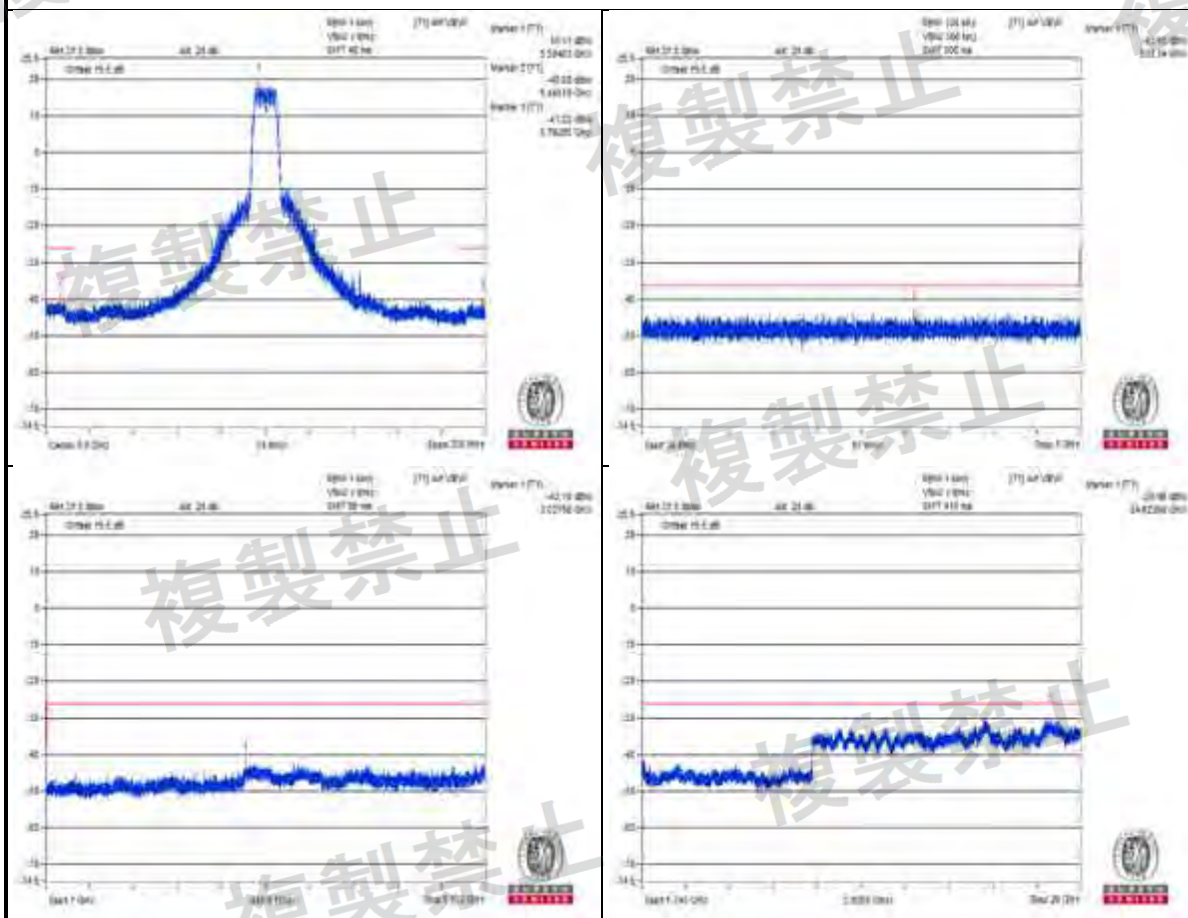
Environmental Conditions		25 deg.C, 60% RH			
Test Channel		CH140 (5700MHz)		Limit	Result
Test Condition	Frequency Range	Frequency (MHz)	Measured Value		
V <sub>normal</sub>	30MHz to 1000MHz	756.040	0.055uW	0.25uW/100kHz	Pass
	1000MHz to 5455MHz	3186.840	0.061uW	2.5uW/MHz	Pass
	5745MHz to 26000MHz	5745.000	1.336uW	2.5uW/MHz	Pass
V <sub>max.</sub>	30MHz to 1000MHz	385.020	0.049uW	0.25uW/100kHz	Pass
	1000MHz to 5455MHz	3037.040	0.075uW	2.5uW/MHz	Pass
	5745MHz to 26000MHz	5745.000	1.27uW	2.5uW/MHz	Pass
V <sub>min.</sub>	30MHz to 1000MHz	858.740	0.065uW	0.25uW/100kHz	Pass
	1000MHz to 5455MHz	3583.340	0.074uW	2.5uW/MHz	Pass
	5745MHz to 26000MHz	21660.360	1.081uW	2.5uW/MHz	Pass

Note: 1. The worst value in each frequency range v.s. each channel has been marked by boldface  
2. The spectrum plots are attached on the following pages

Vnormal  
CH 100

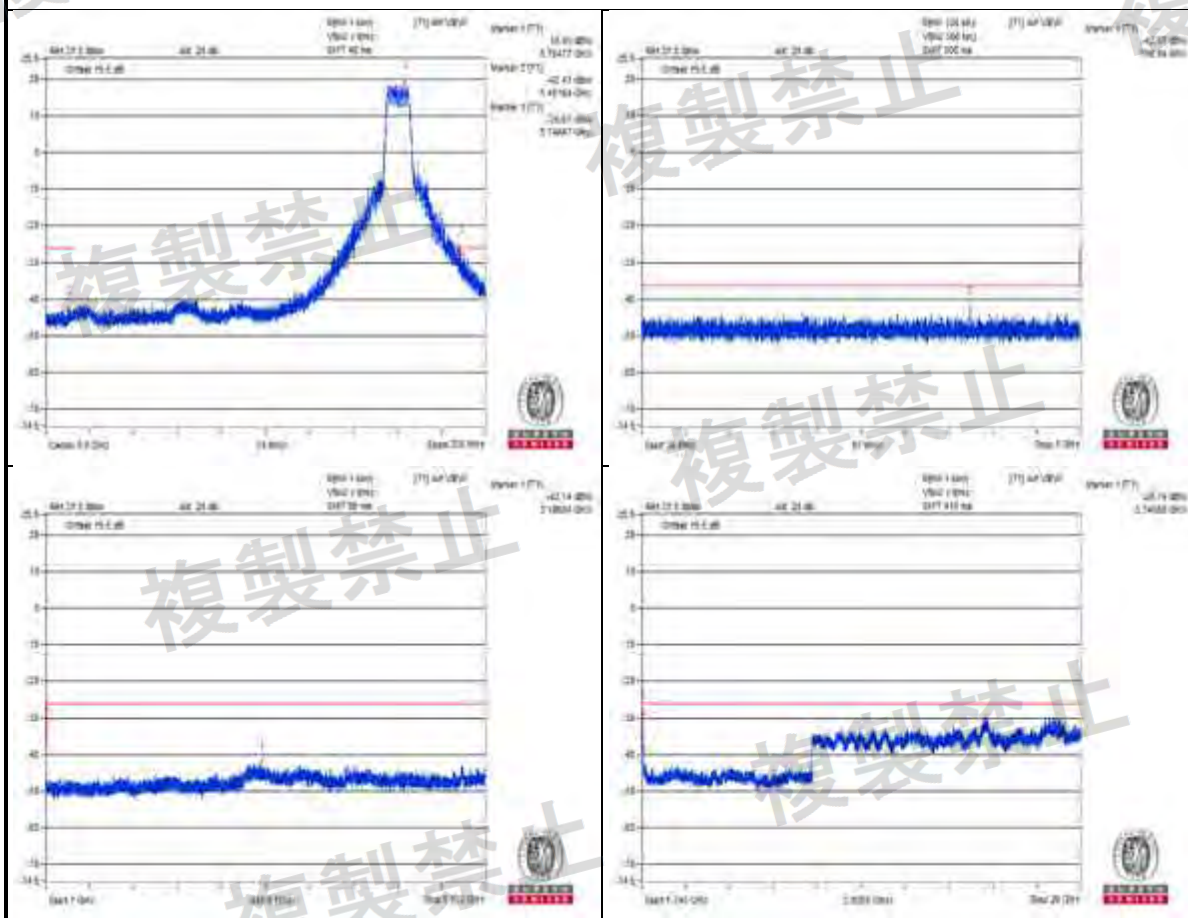


V<sub>normal</sub>  
CH 120

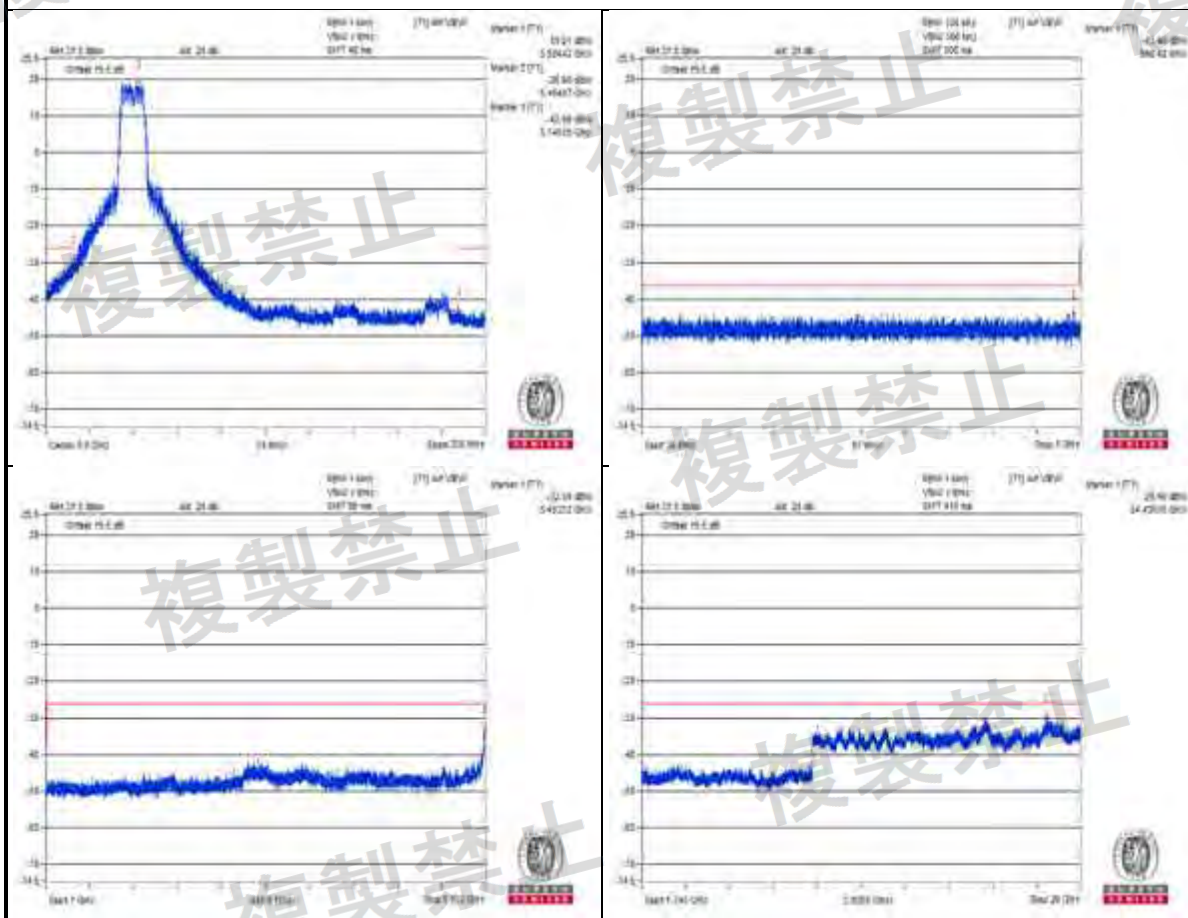




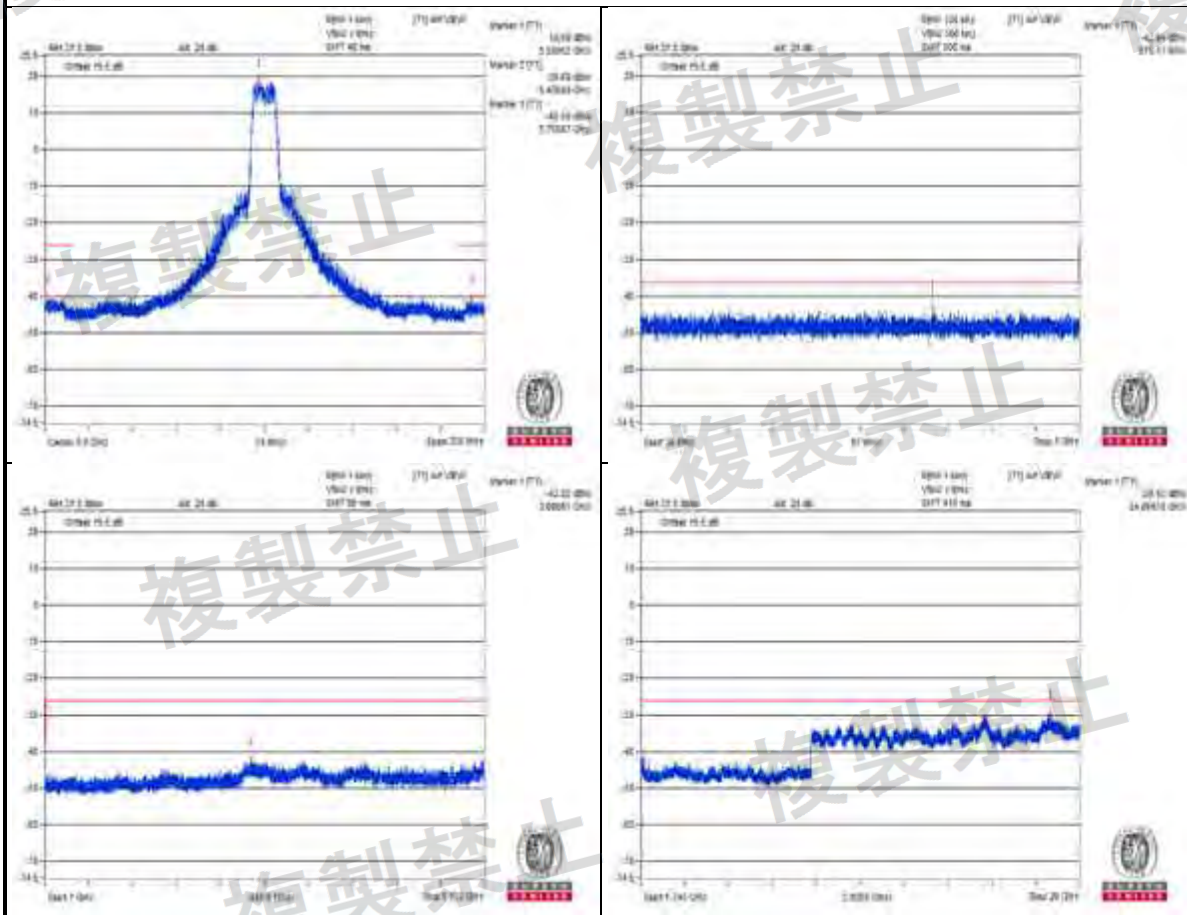
Vnormal  
CH 140



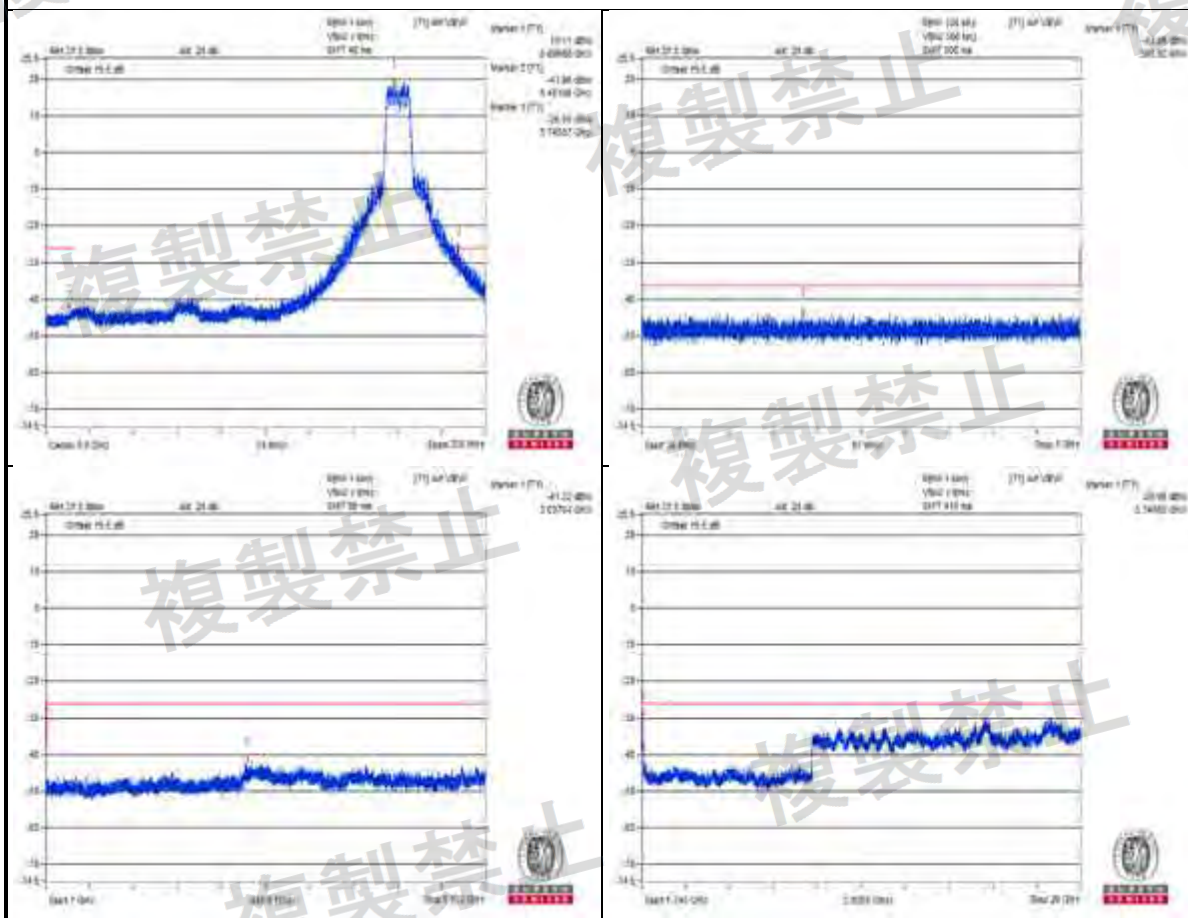
V<sub>max</sub>  
CH 100



V<sub>max</sub>  
CH 120

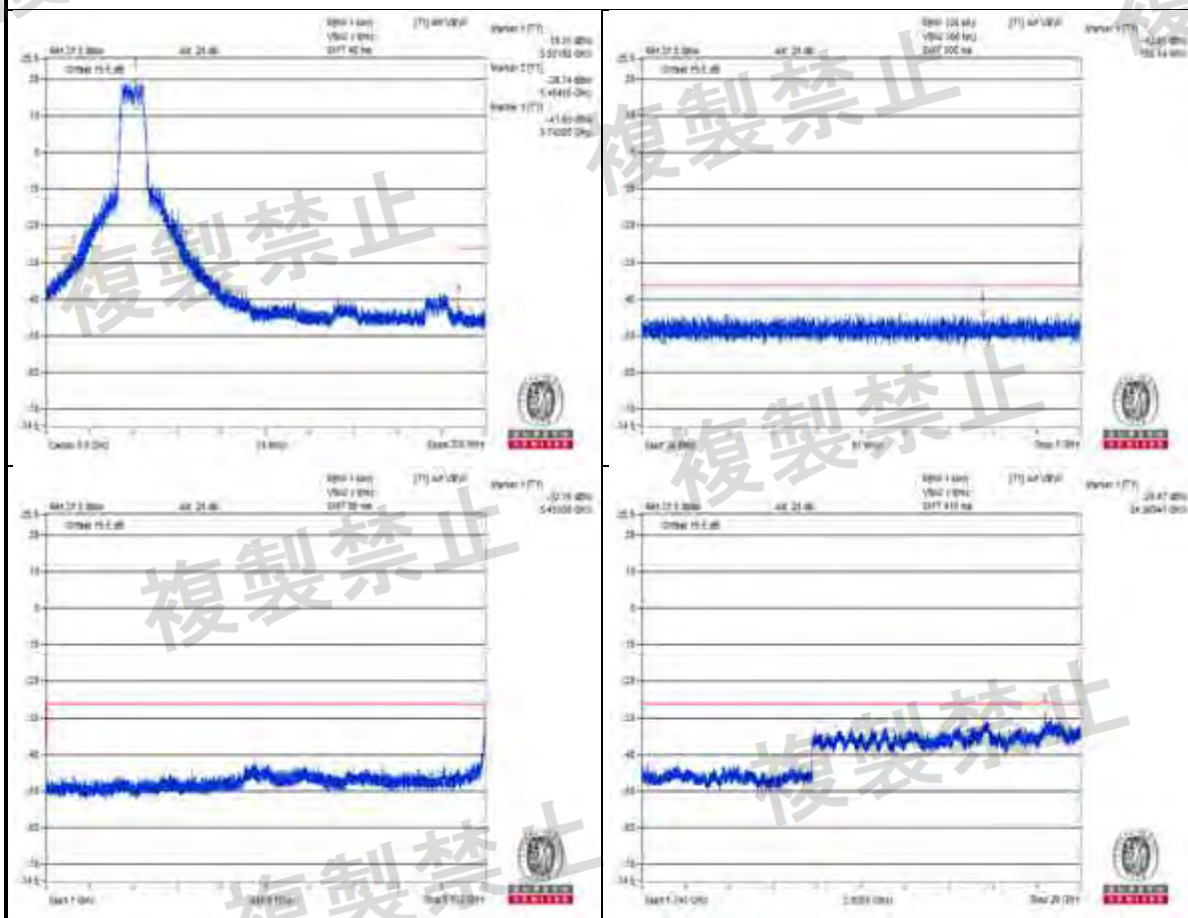


V<sub>max</sub>  
CH 140

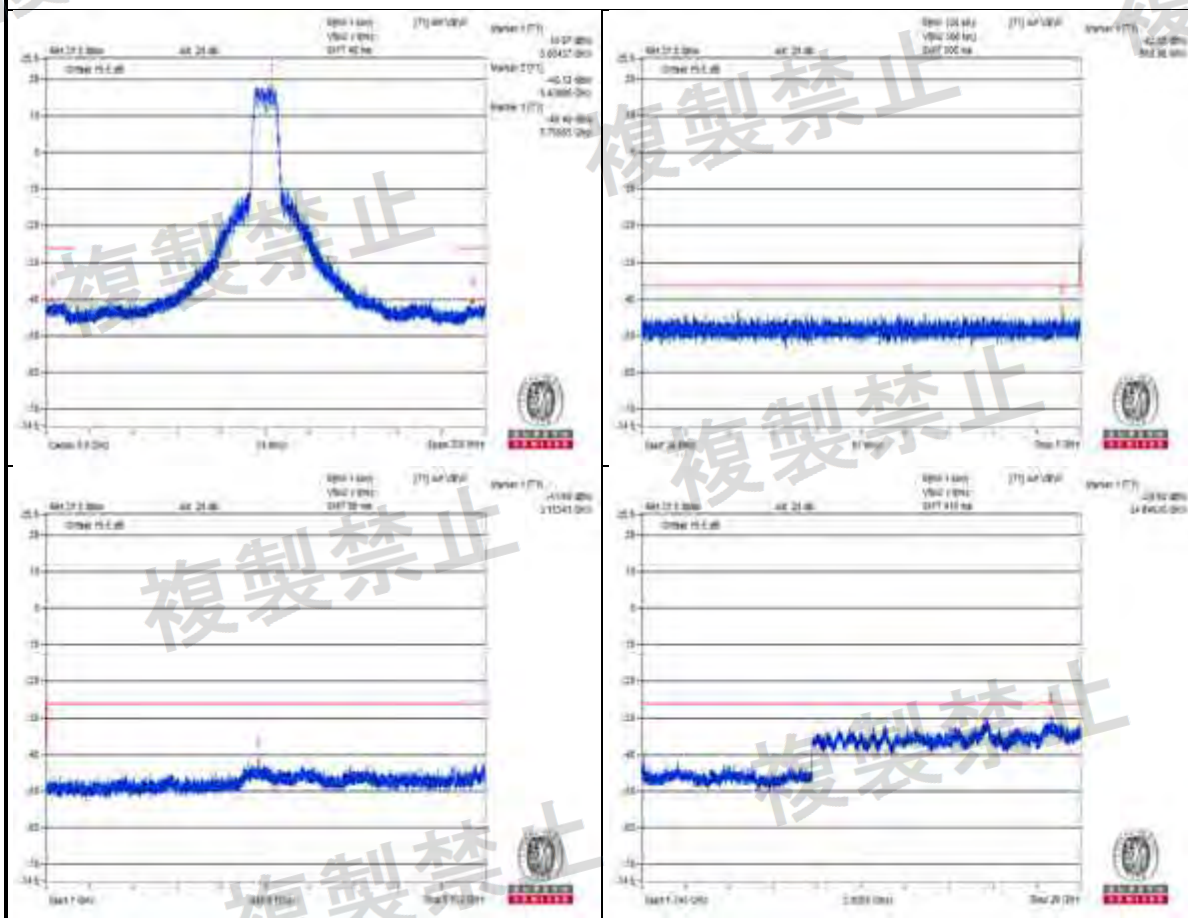




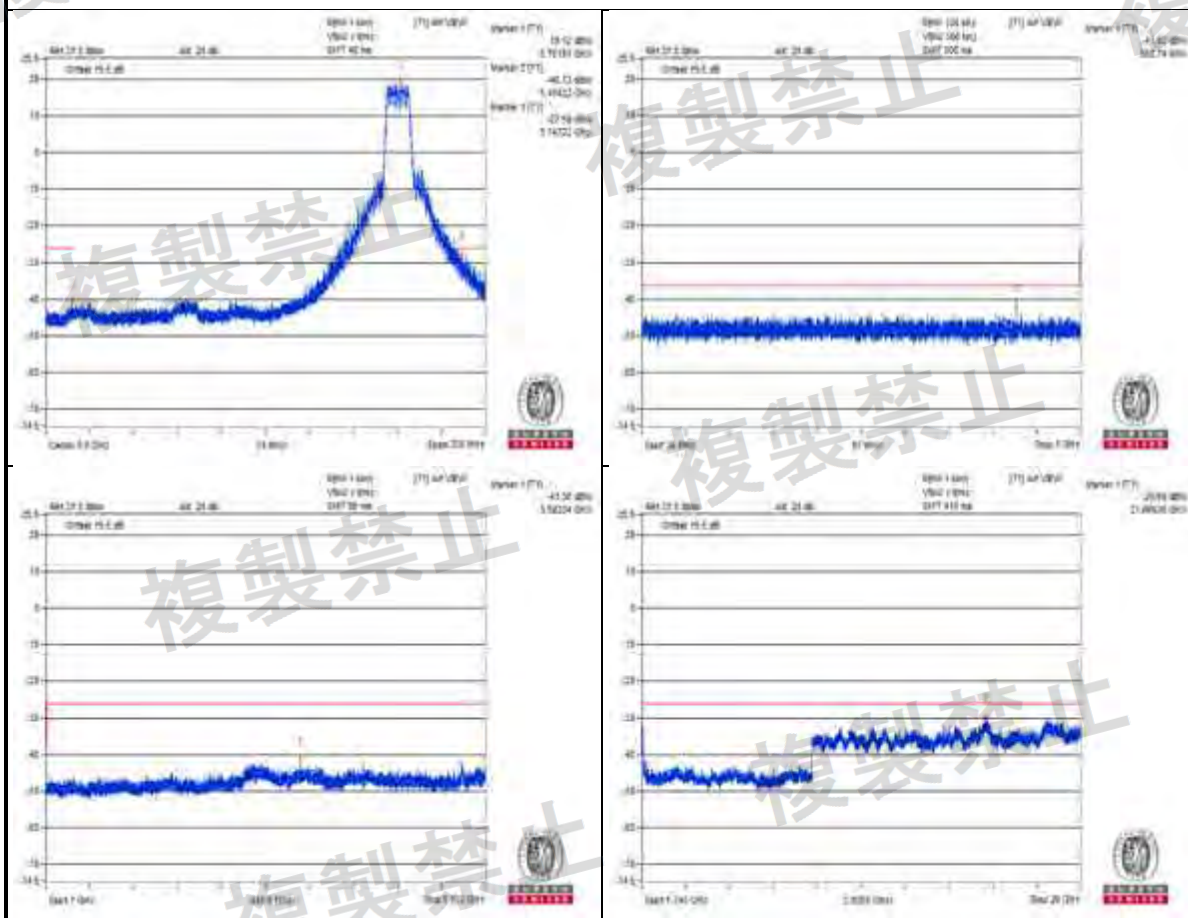
V<sub>min</sub>  
CH 100



V<sub>min</sub>  
CH 120



V<sub>min</sub>  
CH 140



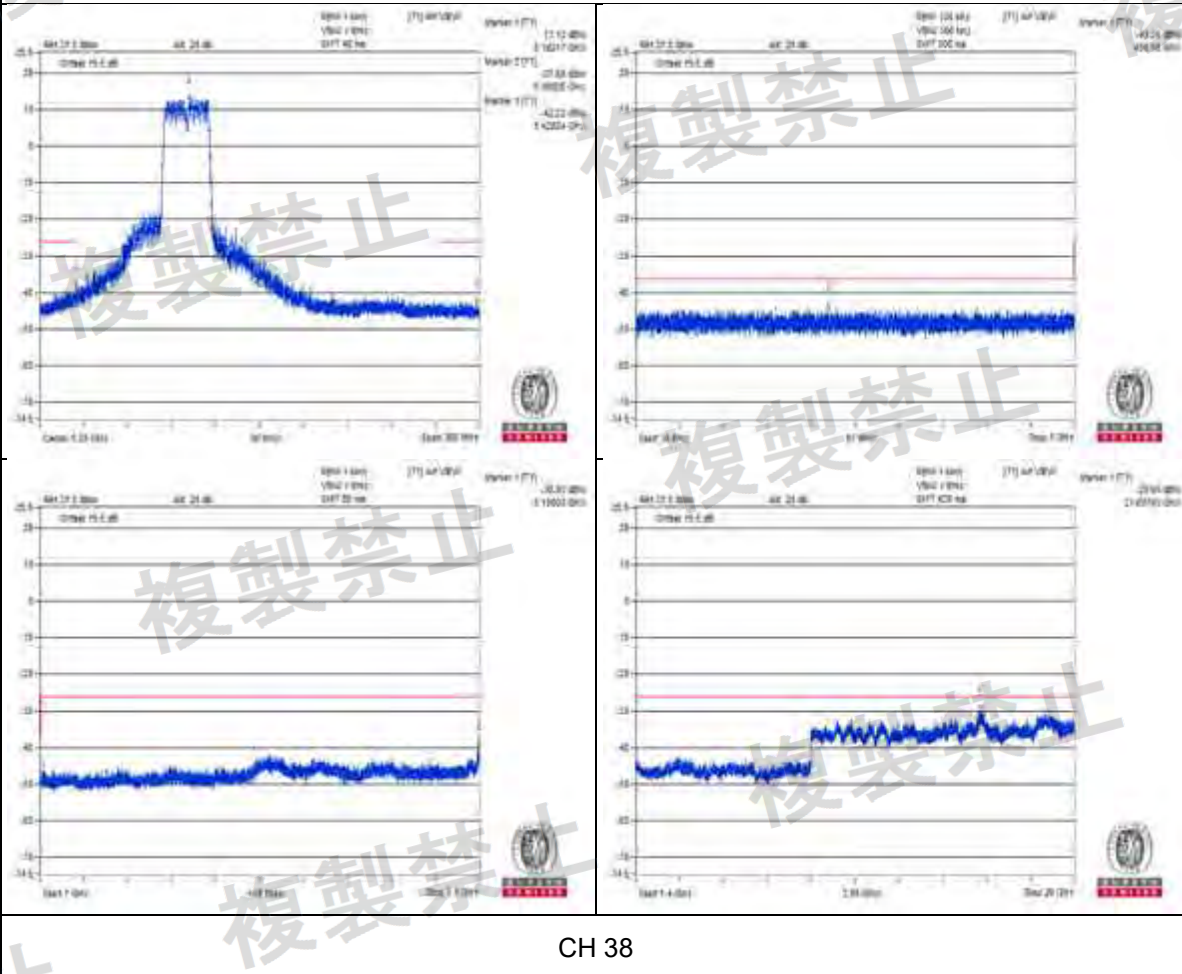
# W52 Bands: 802.11ac (VHT40)

Environmental Conditions		25 deg.C, 60% RH					
Test Channel		CH38 (5190MHz)		CH46 (5230MHz)		Limit	Result
Test Condition	Frequency Range	Frequency (MHz)	Measured Value	Frequency (MHz)	Measured Value		
V <sub>normal</sub>	30MHz to 1000MHz	456.550	0.0470	62.850	0.0430	0.25uW/100kHz	Pass
	1000MHz to 5100MHz	5100.000	<b>0.1300</b>	3136.610	0.0610	2.5uW/MHz	Pass
	5400MHz to 26000MHz	21607.050	<b>1.2760</b>	24519.370	1.0300	2.5uW/MHz	Pass
V <sub>max.</sub>	30MHz to 1000MHz	971.500	<b>0.0500</b>	843.830	<b>0.0500</b>	0.25uW/100kHz	Pass
	1000MHz to 5100MHz	5092.310	0.0750	3155.570	0.0660	2.5uW/MHz	Pass
	5400MHz to 26000MHz	21568.420	1.1160	21707.470	1.1800	2.5uW/MHz	Pass
V <sub>min.</sub>	30MHz to 1000MHz	781.260	0.0440	889.660	0.0490	0.25uW/100kHz	Pass
	1000MHz to 5100MHz	5095.380	0.0830	3000.800	<b>0.0710</b>	2.5uW/MHz	Pass
	5400MHz to 26000MHz	21643.100	1.0990	21702.320	<b>1.3240</b>	2.5uW/MHz	Pass

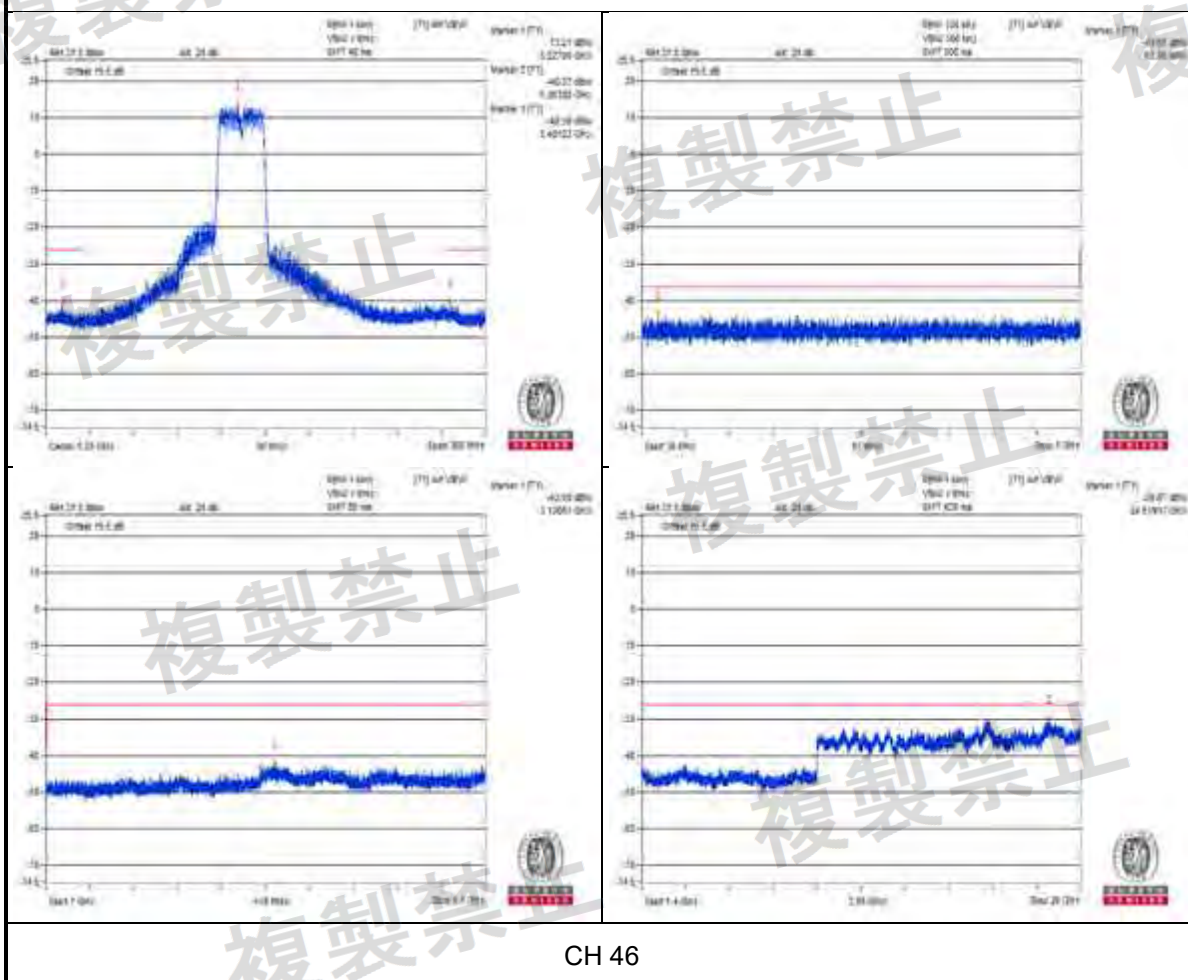
Note: 1. The worst value in each frequency range v.s. each channel has been marked by boldface  
 2. The spectrum plots are attached on the following pages



V normal

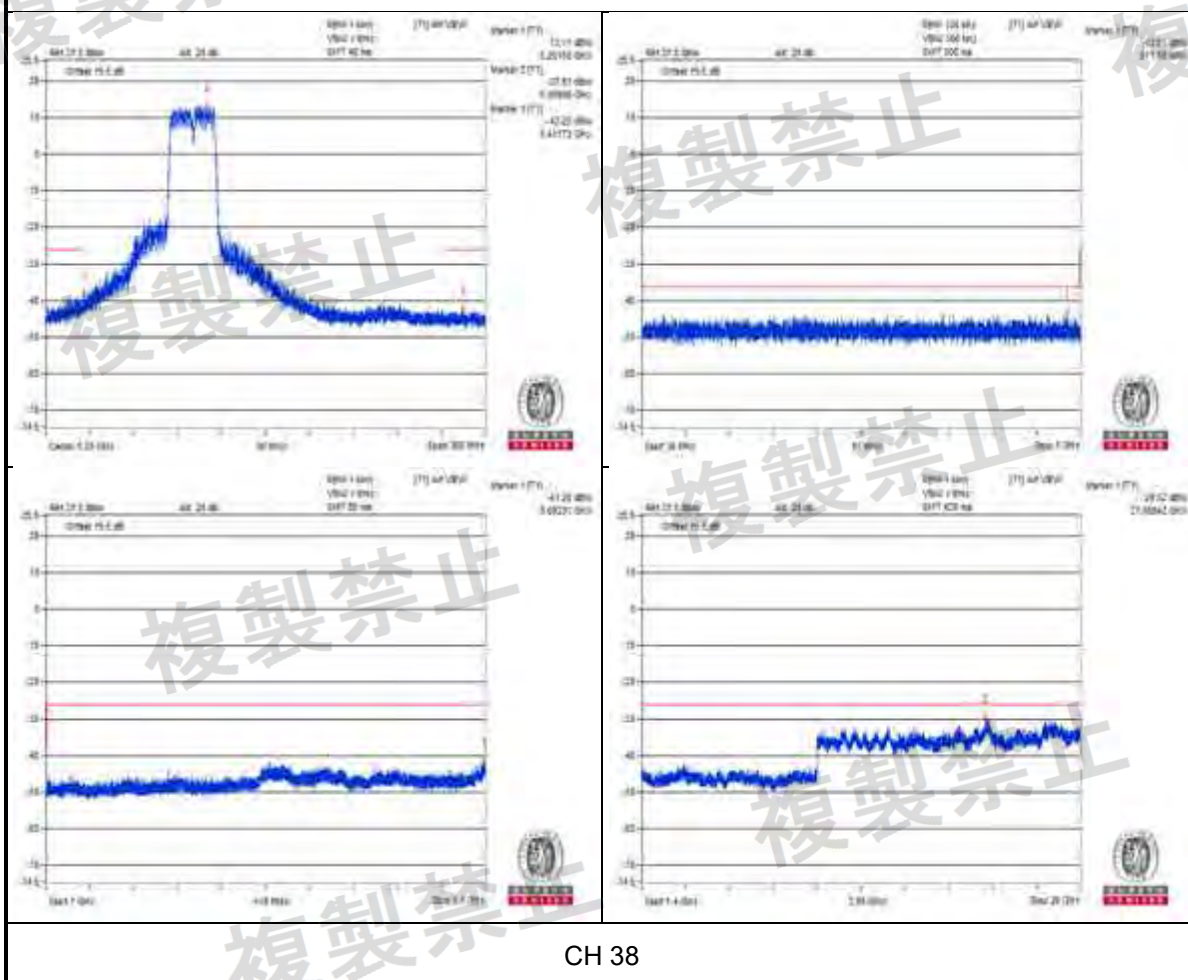


V normal

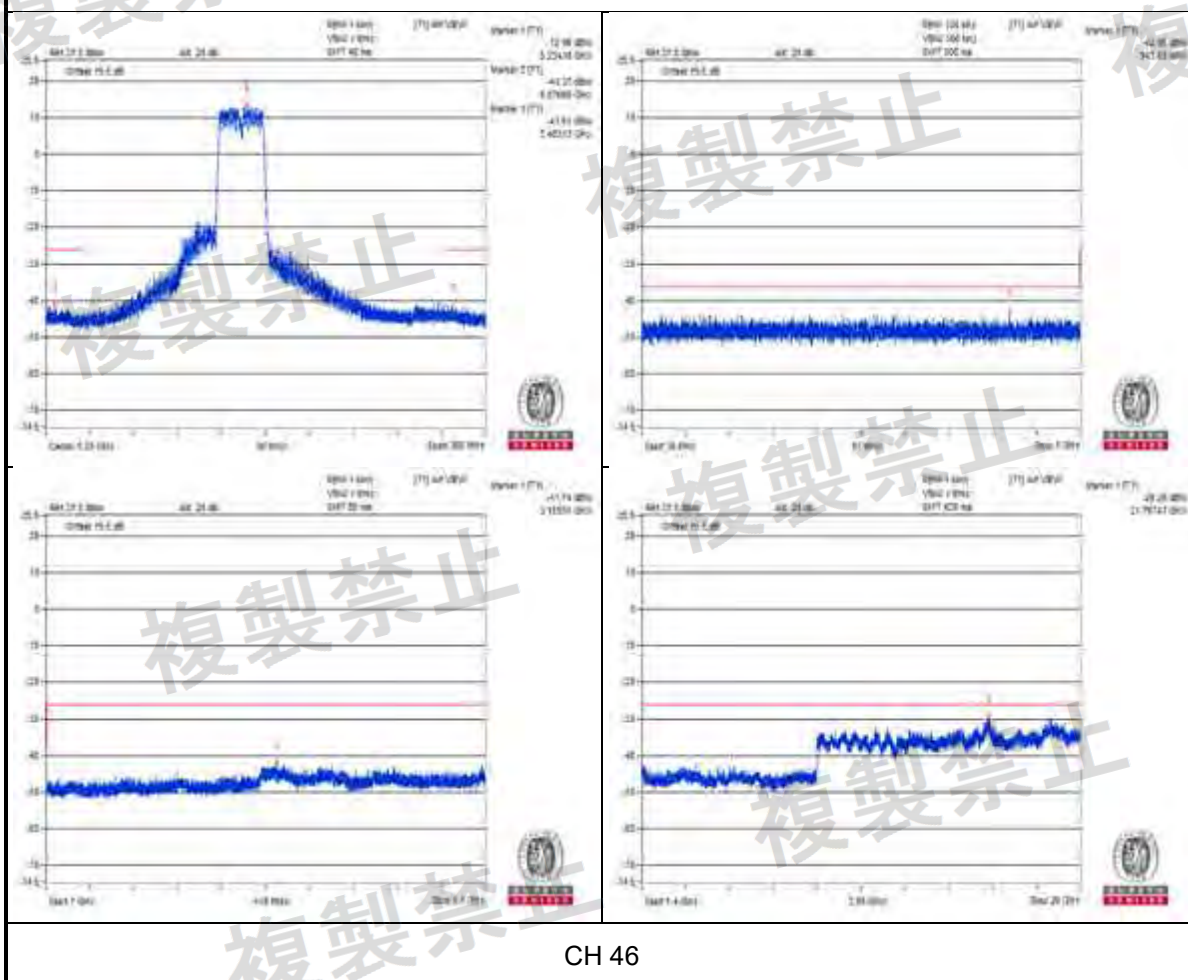


CH 46

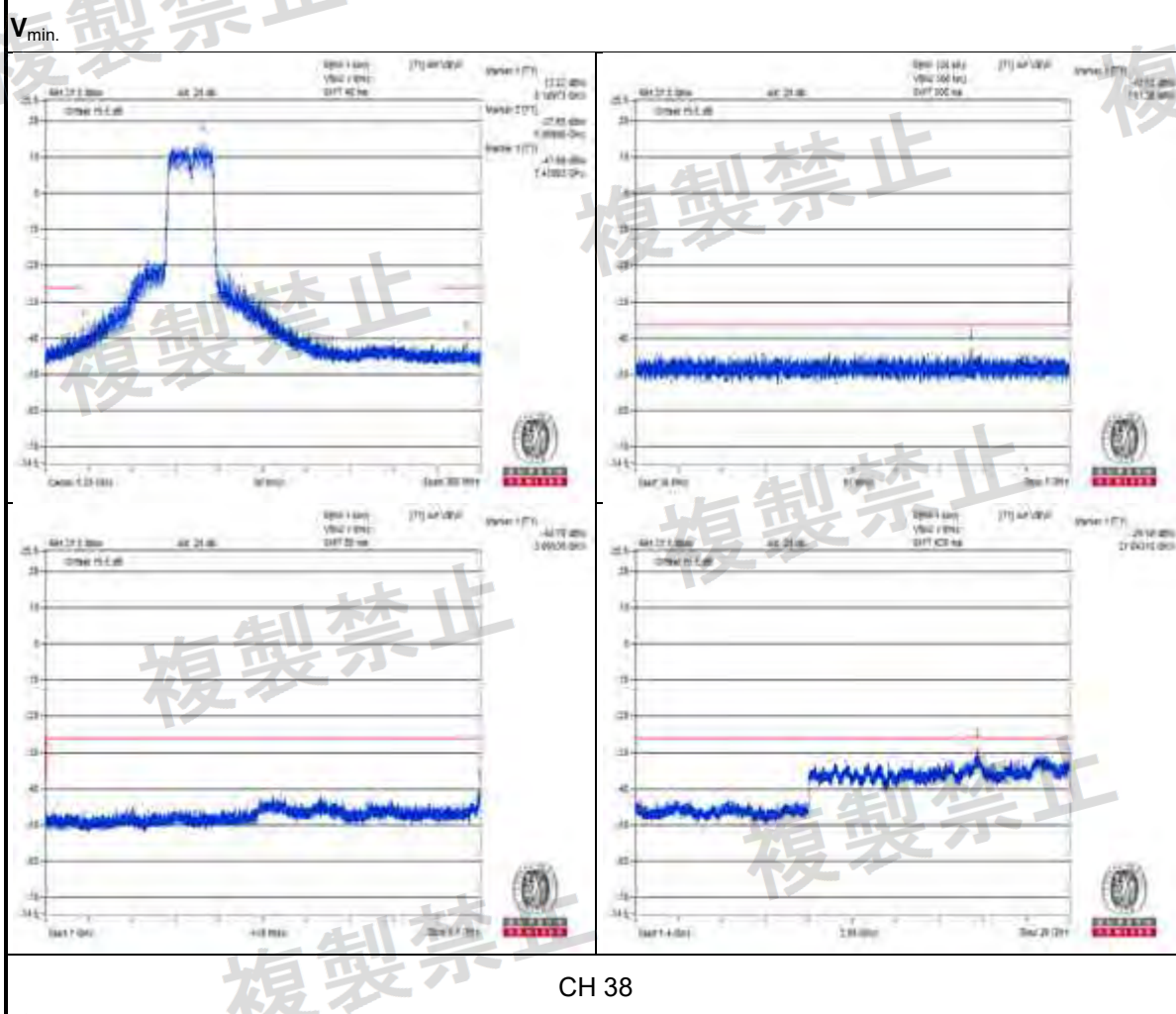
V<sub>max</sub>



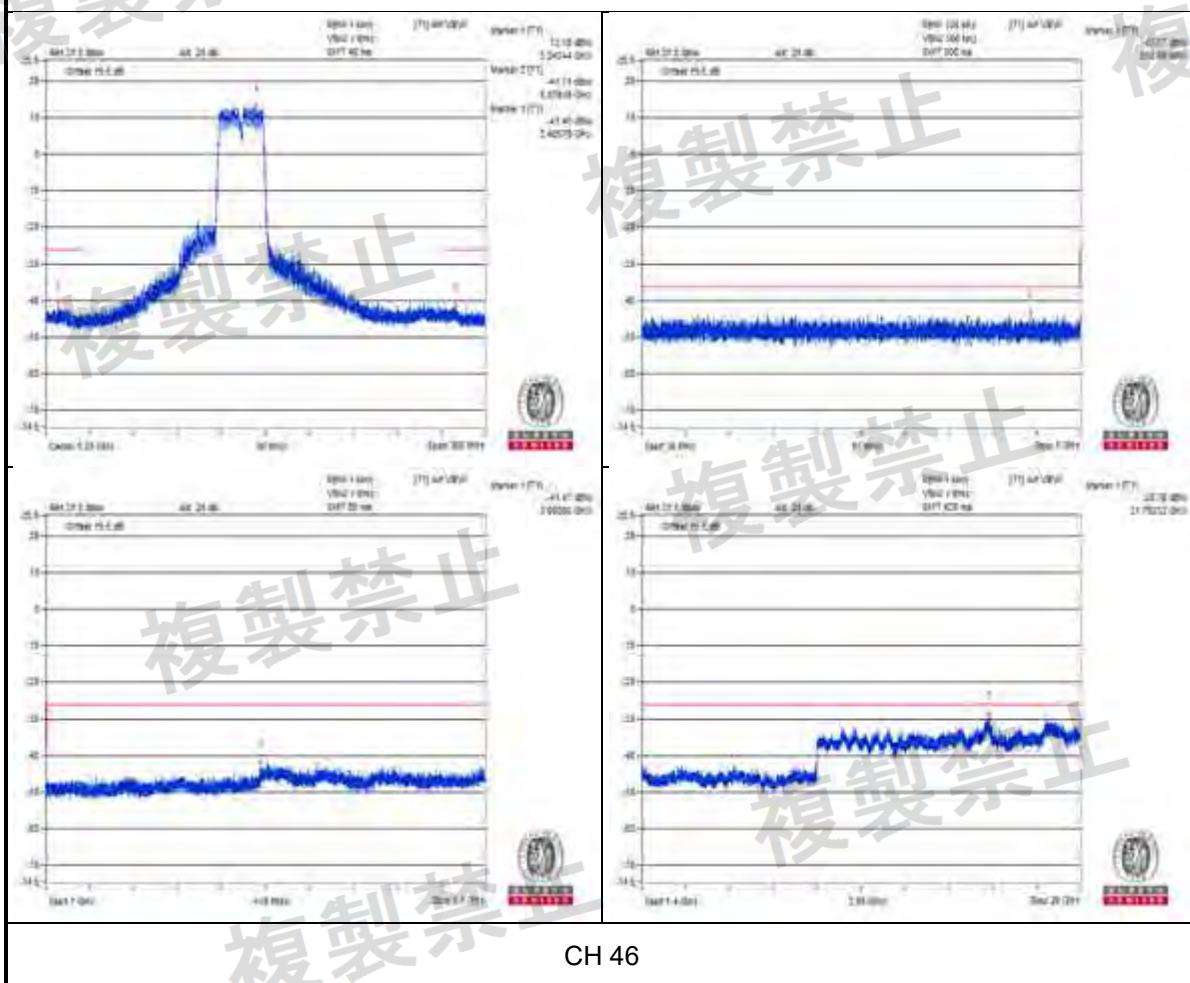
V<sub>max</sub>







V<sub>min</sub>



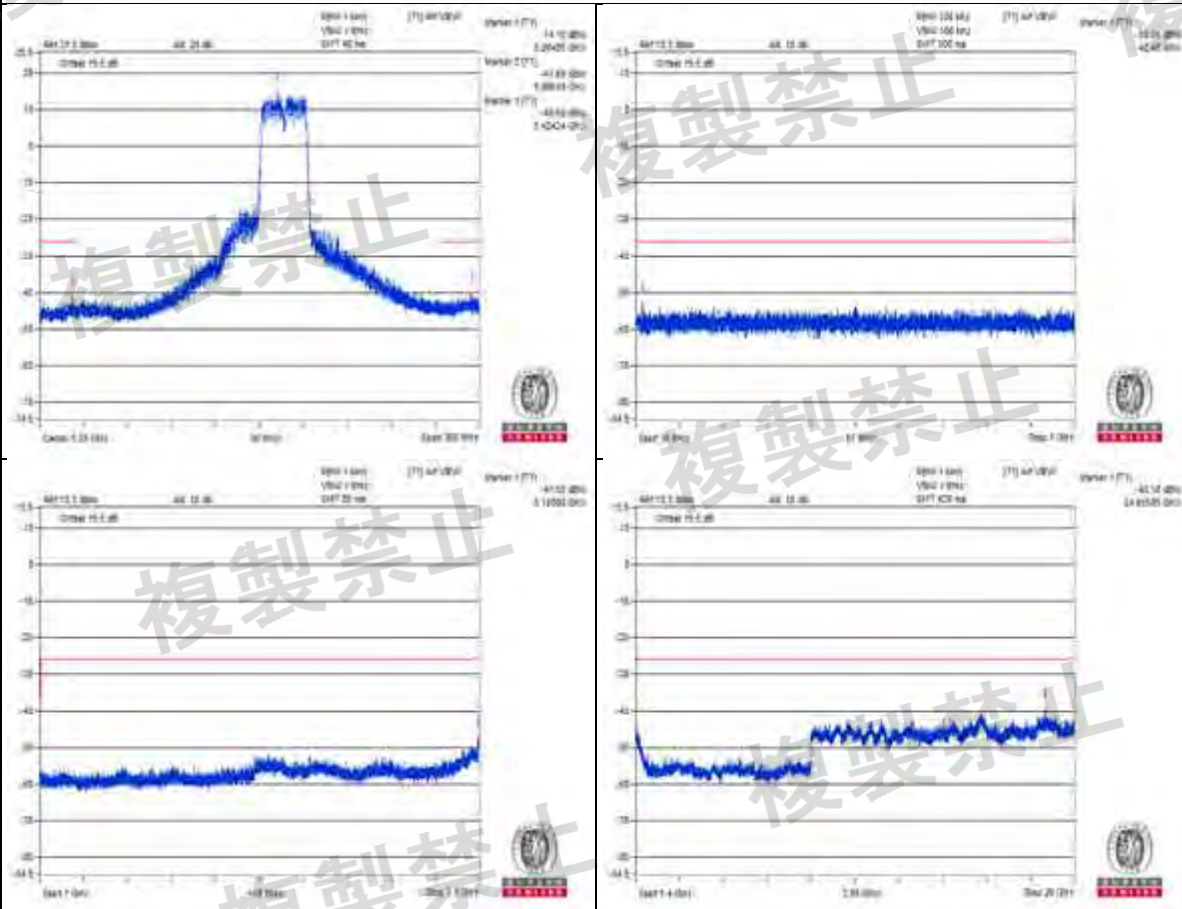


W53 Bands: 802.11ac (VHT40)

Environmental Conditions		25 deg.C, 60% RH					
Test Channel		CH54 (5270MHz)		CH62 (5310MHz)		Limit	Result
Test Condition	Frequency Range	Frequency (MHz)	Measured Value	Frequency (MHz)	Measured Value		
V <sub>normal</sub>	30MHz to 1000MHz	42.480	0.0040	826.970	0.0040	0.25uW/100kHz	Pass
	1000MHz to 5100MHz	5100.000	0.0170	5056.950	0.0100	2.5uW/MHz	Pass
	5400MHz to 26000MHz	24655.850	0.0930	24400.920	<b>0.1040</b>	2.5uW/MHz	Pass
V <sub>max.</sub>	30MHz to 1000MHz	354.580	<b>0.0050</b>	431.090	0.0040	0.25uW/100kHz	Pass
	1000MHz to 5100MHz	5097.950	<b>0.0210</b>	5088.210	0.0100	2.5uW/MHz	Pass
	5400MHz to 26000MHz	21668.850	0.1060	21614.770	0.0970	2.5uW/MHz	Pass
V <sub>min.</sub>	30MHz to 1000MHz	34.120	<b>0.0050</b>	746.950	<b>0.0050</b>	0.25uW/100kHz	Pass
	1000MHz to 5100MHz	5096.920	0.0150	5090.260	<b>0.0140</b>	2.5uW/MHz	Pass
	5400MHz to 26000MHz	21648.250	<b>0.1120</b>	24429.250	0.0940	2.5uW/MHz	Pass

Note: 1. The worst value in each frequency range v.s. each channel has been marked by boldface  
2. The spectrum plots are attached on the following pages

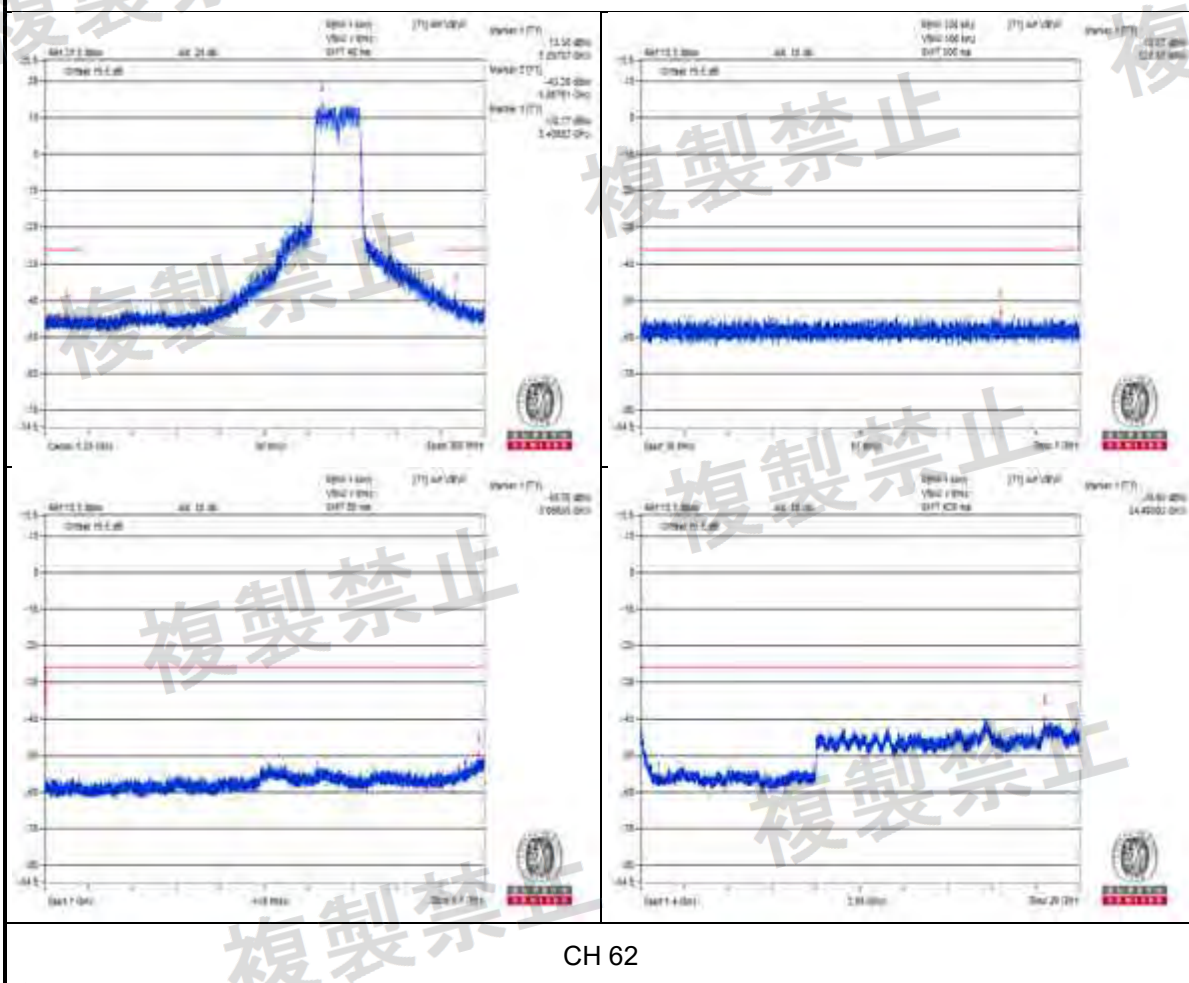
V normal



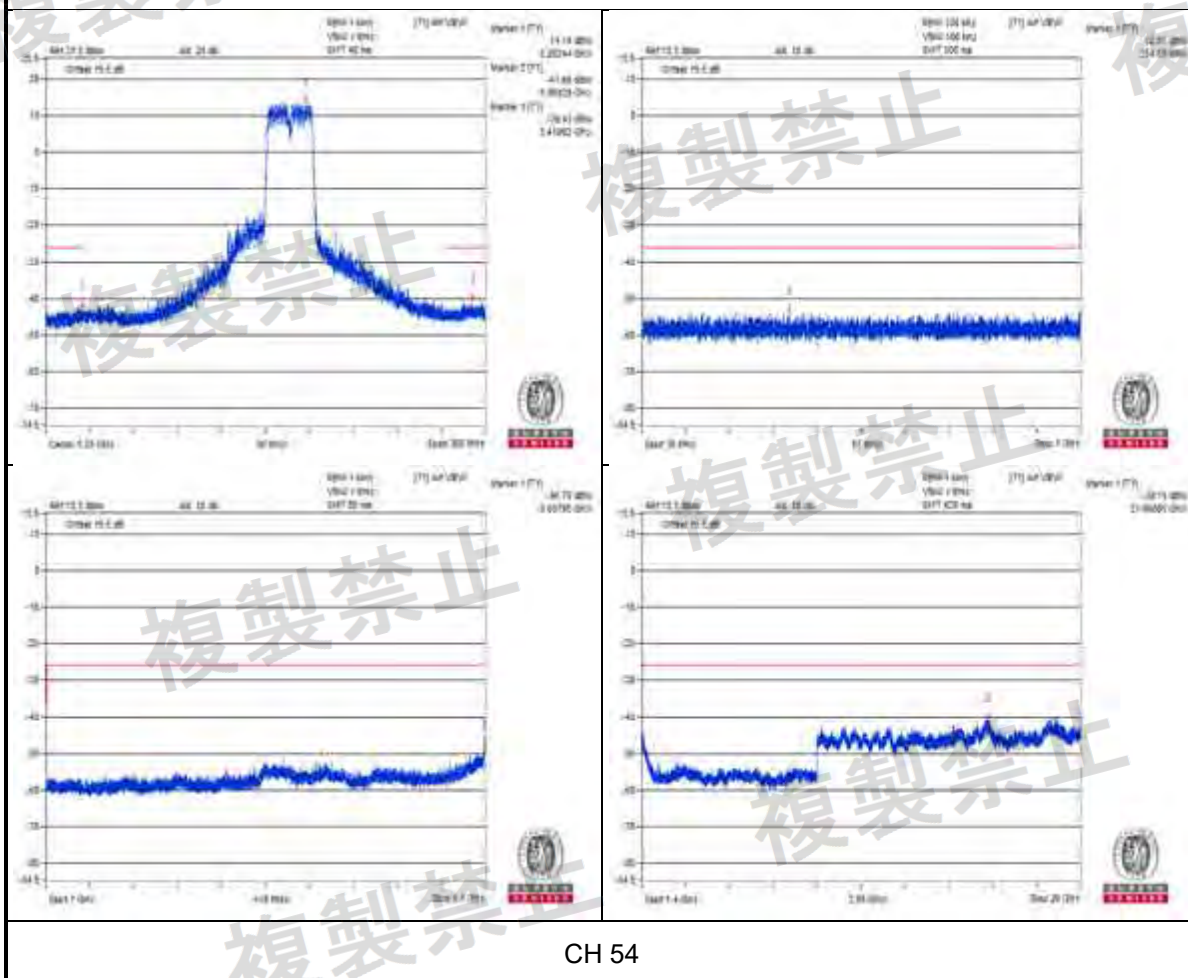
CH 54



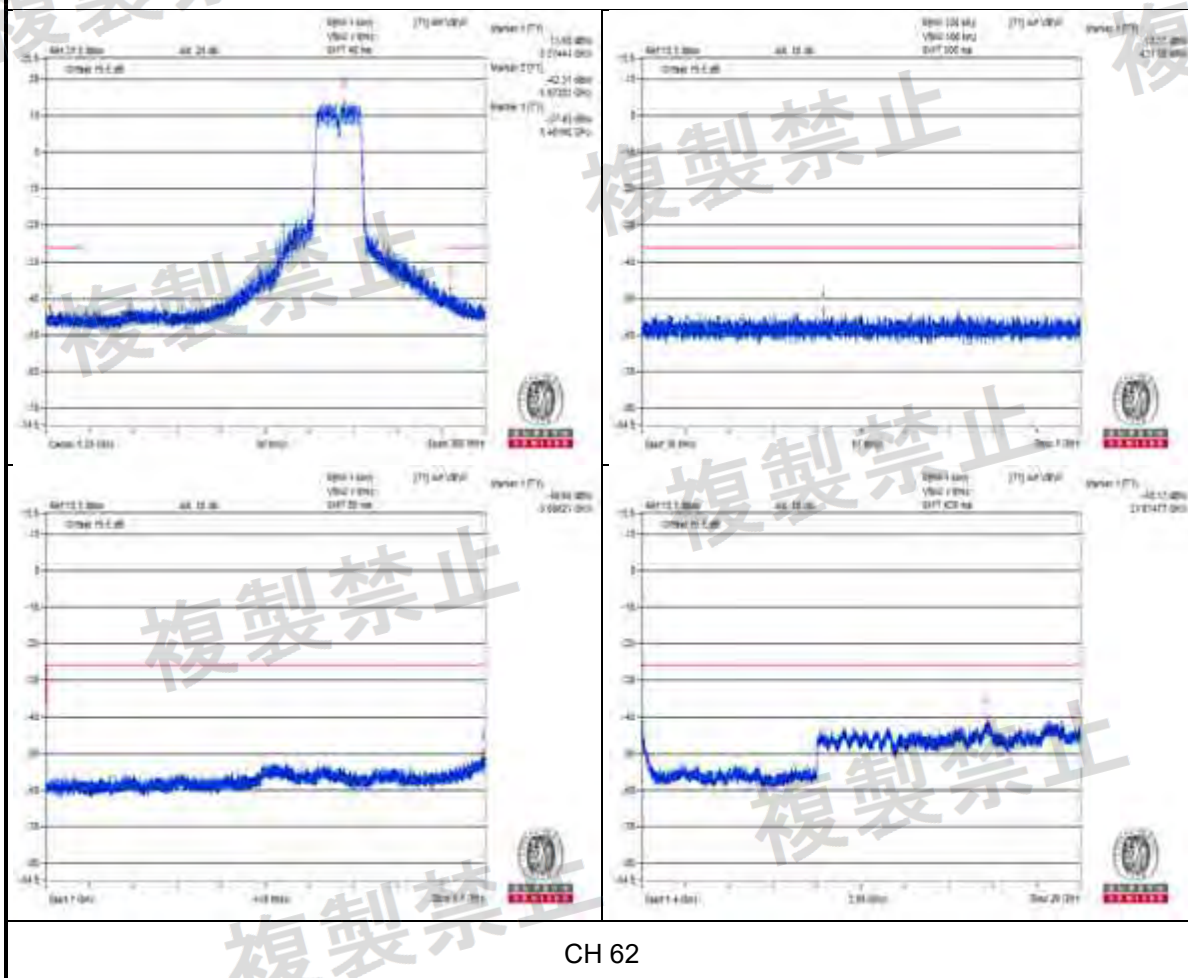
V normal

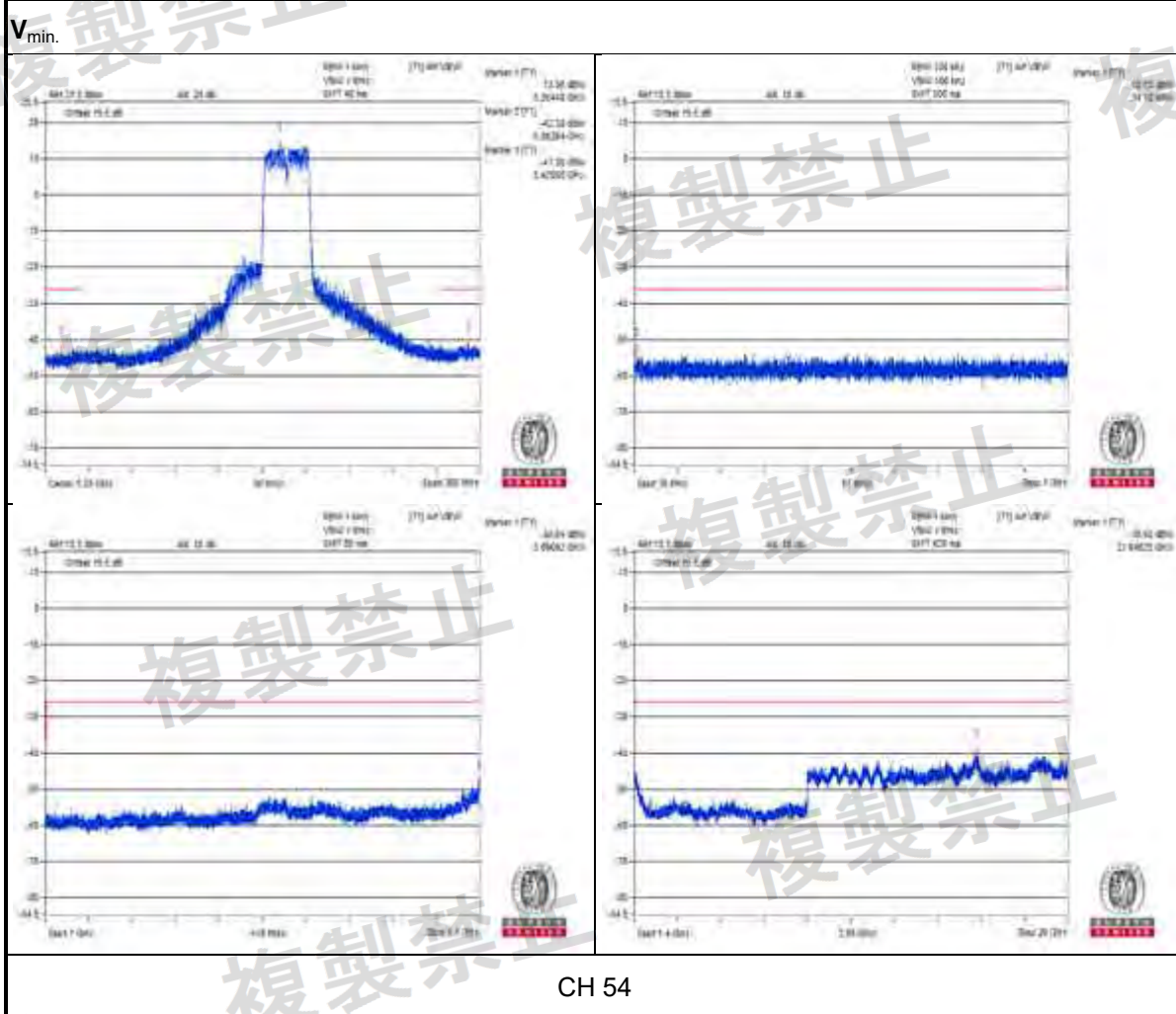


V<sub>max</sub>

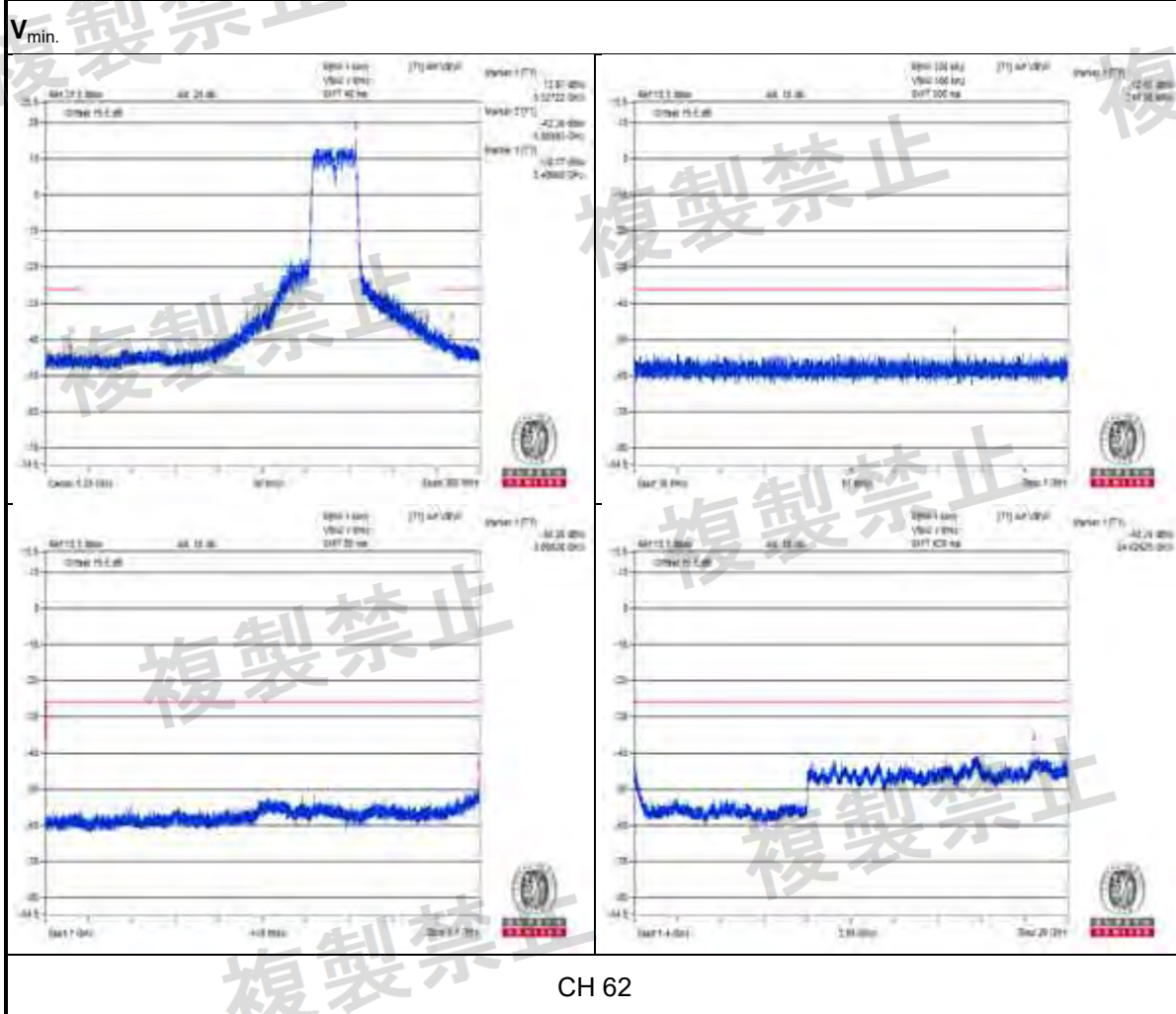


V<sub>max</sub>











W56 Band: 802.11ac (VHT40)

Environmental Conditions		25 deg.C, 60% RH					
Test Channel		CH102 (5510MHz)		CH118 (5590MHz)		Limit	Result
Test Condition	Frequency Range	Frequency (MHz)	Measured Value	Frequency (MHz)	Measured Value		
V <sub>normal</sub>	30MHz to 1000MHz	188.590	<b>0.0770</b>	511.960	<b>0.0530</b>	0.25uW/100kHz	Pass
	1000MHz to 5420MHz	5417.790	0.5620	3553.650	<b>0.0810</b>	2.5uW/MHz	Pass
	5760MHz to 26000MHz	24499.710	<b>1.2020</b>	21483.950	<b>1.1160</b>	2.5uW/MHz	Pass
V <sub>max.</sub>	30MHz to 1000MHz	970.410	0.0450	672.980	0.0510	0.25uW/100kHz	Pass
	1000MHz to 5420MHz	5412.260	0.4120	3207.230	0.0680	2.5uW/MHz	Pass
	5760MHz to 26000MHz	21704.060	<b>1.1160</b>	24626.210	1.0690	2.5uW/MHz	Pass
V <sub>min.</sub>	30MHz to 1000MHz	537.180	0.0500	676.860	0.0470	0.25uW/100kHz	Pass
	1000MHz to 5420MHz	5418.890	<b>0.6900</b>	4104.490	0.0580	2.5uW/MHz	Pass
	5760MHz to 26000MHz	24691.990	1.1290	21587.680	0.9970	2.5uW/MHz	Pass

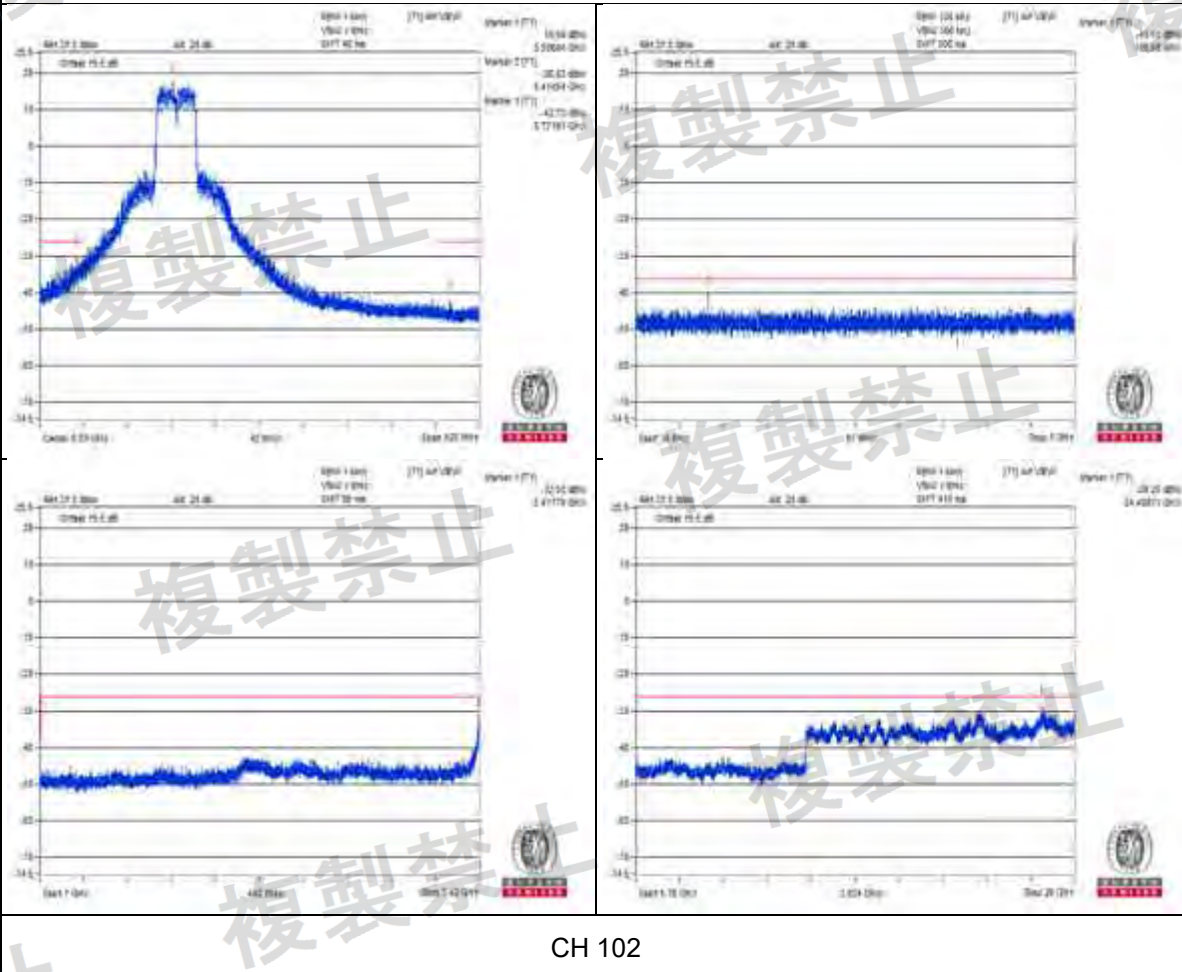
Note: The worst value in each frequency range v.s. each channel has been marked by boldface.



Environmental Conditions		25 deg.C, 60% RH			
Test Channel		CH134 (5670MHz)		Limit	Result
Test Condition	Frequency Range	Frequency (MHz)	Measured Value		
V <sub>normal</sub>	30.0MHz ~ 1000.0MHz	141.790	0.0430	0.25uW/100kHz	Pass
	1000.0MHz ~ 5420.0MHz	3199.500	0.0620	2.5uW/MHz	Pass
	5760.0MHz ~ 26000.0MHz	24583.200	<b>1.2240</b>	2.5uW/MHz	Pass
V <sub>max.</sub>	30.0MHz ~ 1000.0MHz	708.390	<b>0.0440</b>	0.25uW/100kHz	Pass
	1000.0MHz ~ 5420.0MHz	3574.650	<b>0.0660</b>	2.5uW/MHz	Pass
	5760.0MHz ~ 26000.0MHz	21582.620	1.1400	2.5uW/MHz	Pass
V <sub>min.</sub>	30.0MHz ~ 1000.0MHz	604.960	<b>0.0440</b>	0.25uW/100kHz	Pass
	1000.0MHz ~ 5420.0MHz	3082.920	0.0600	2.5uW/MHz	Pass
	5760.0MHz ~ 26000.0MHz	21638.280	1.1740	2.5uW/MHz	Pass

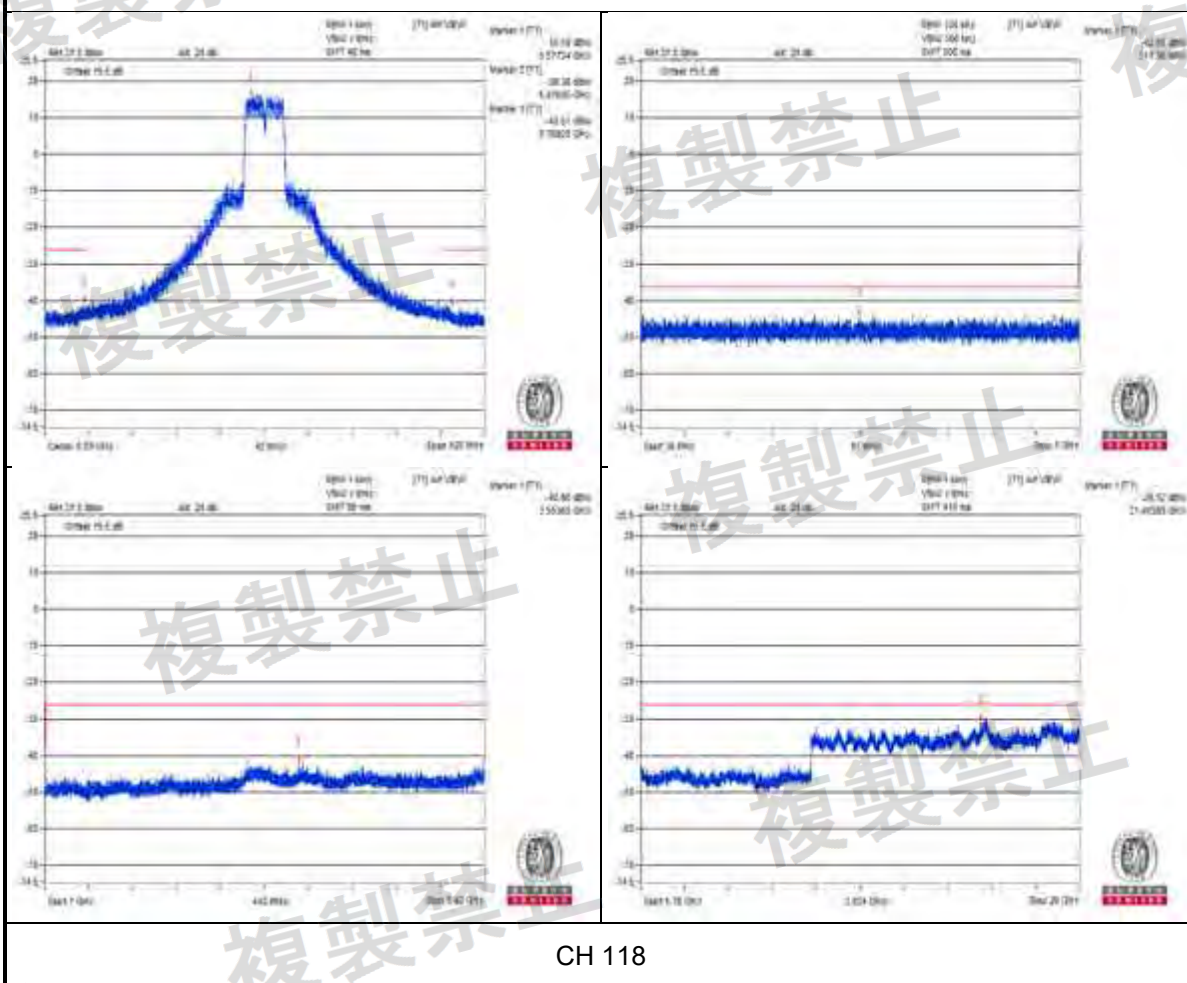
Note: 1. The worst value in each frequency range v.s. each channel has been marked by boldface  
2. The spectrum plots are attached on the following pages

V normal

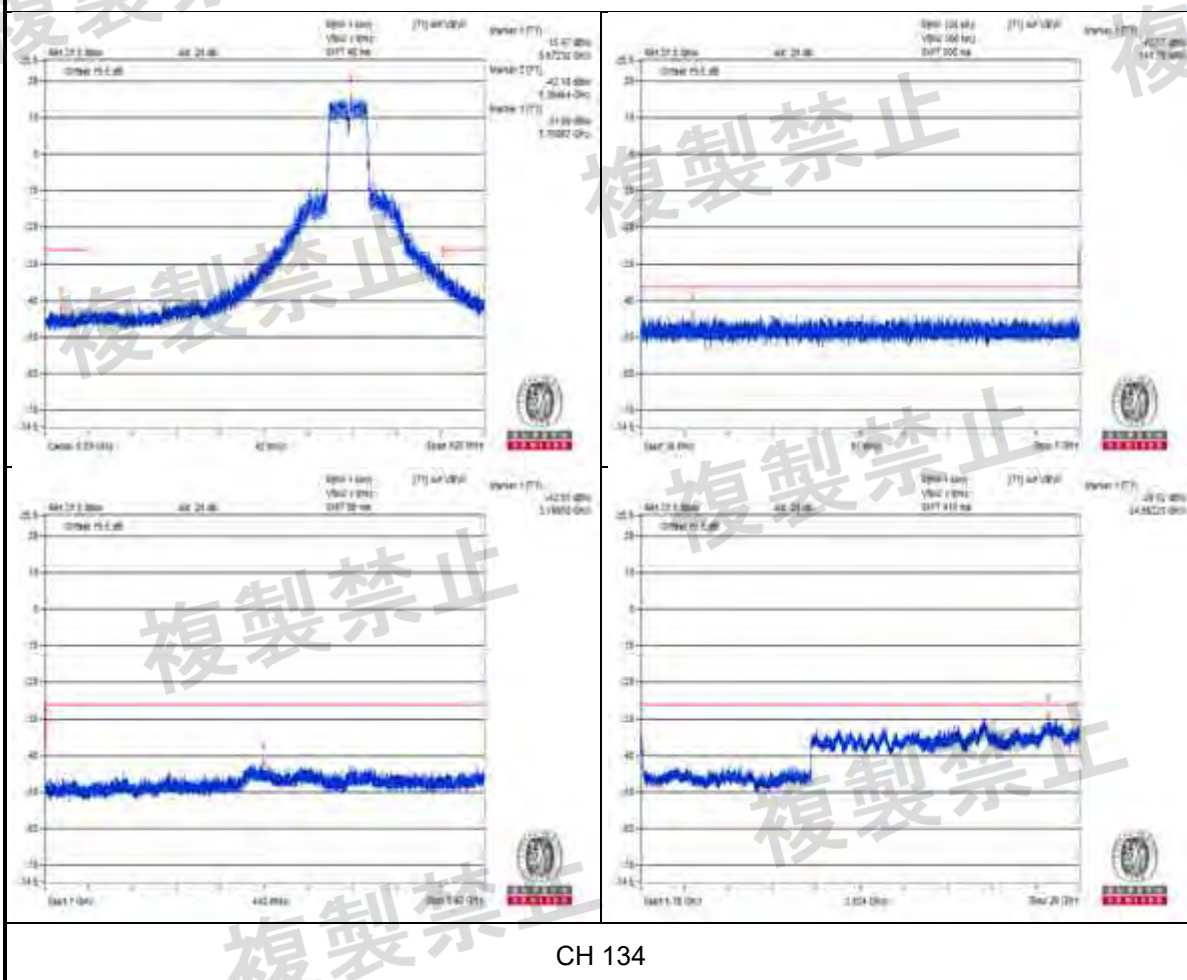


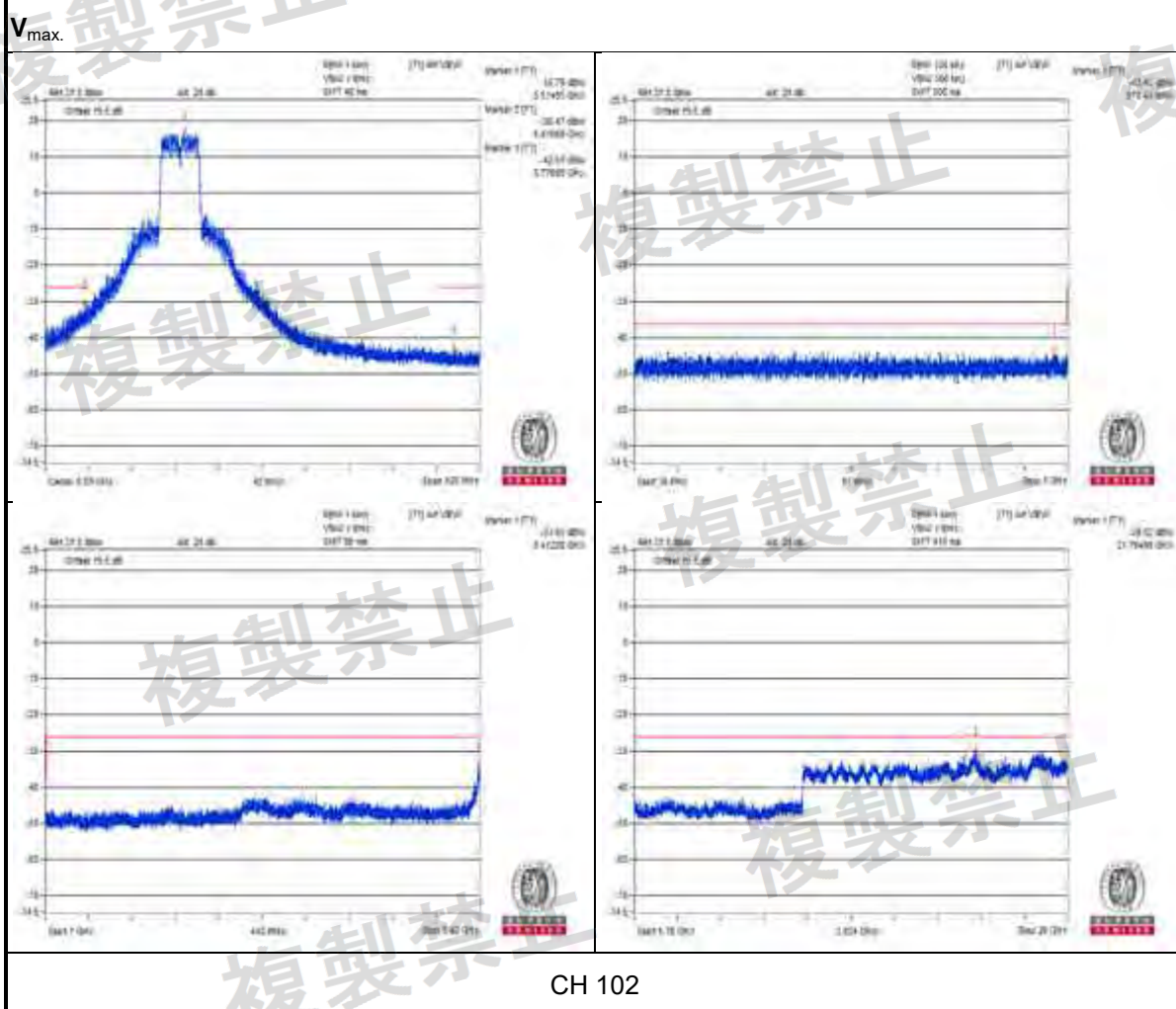


V normal

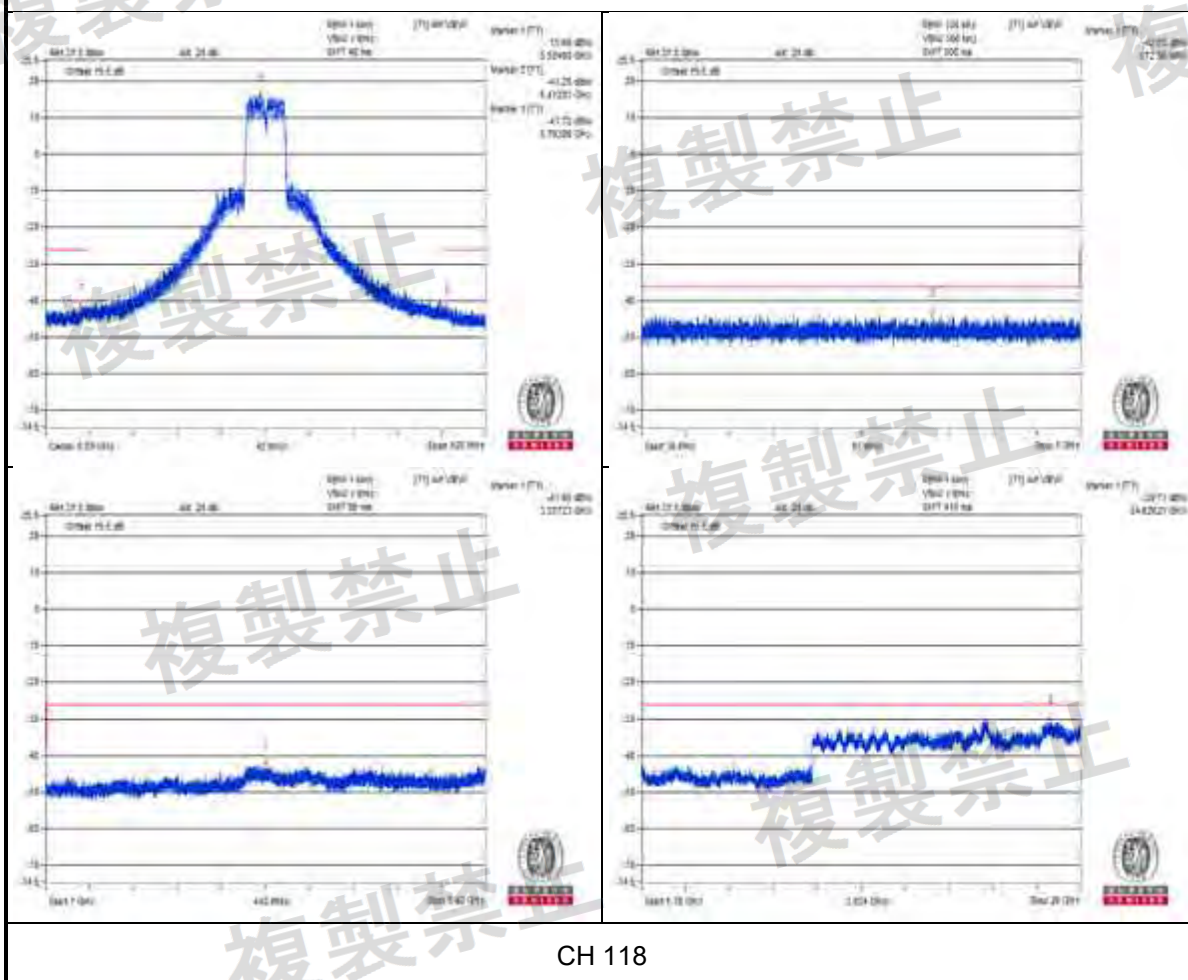


V normal



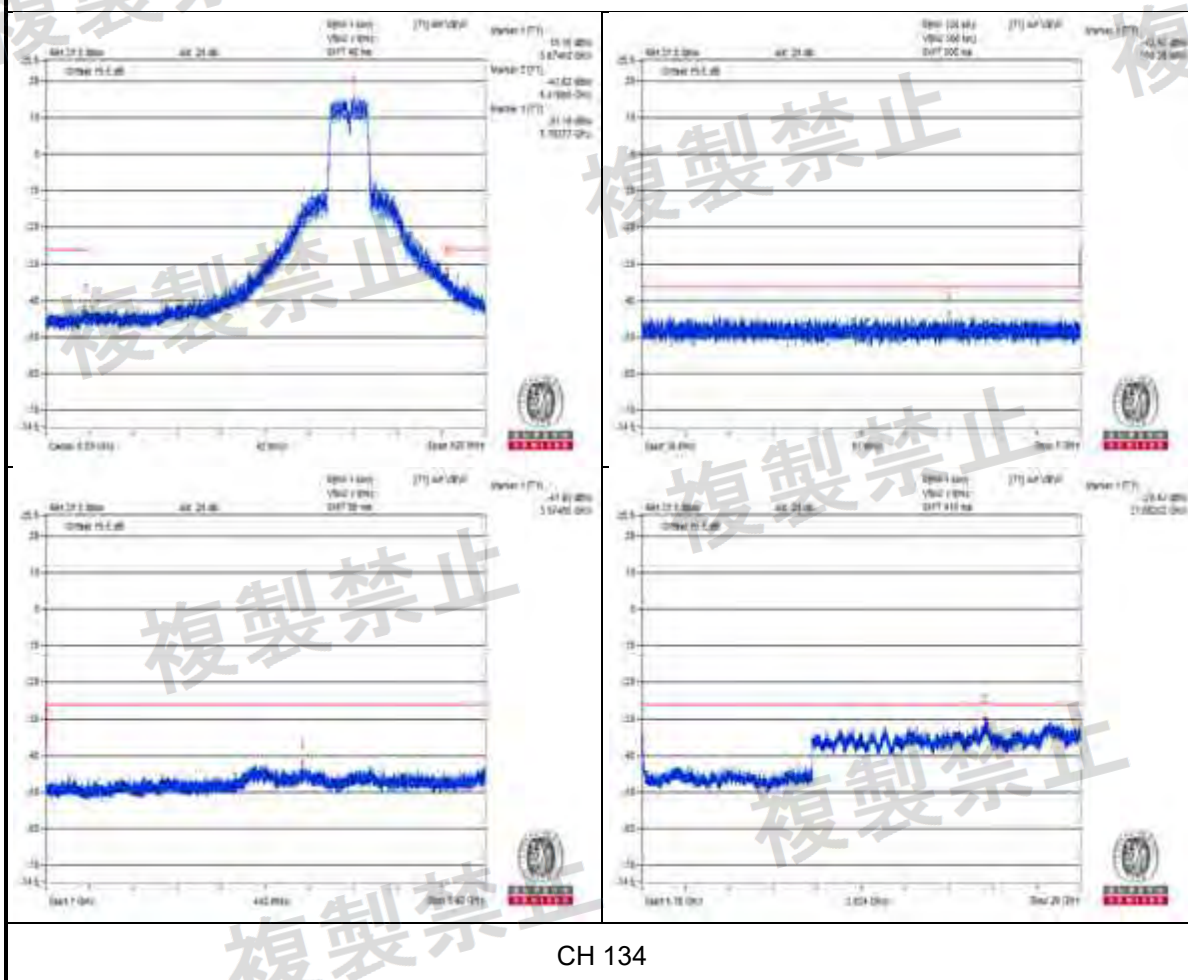


V<sub>max</sub>

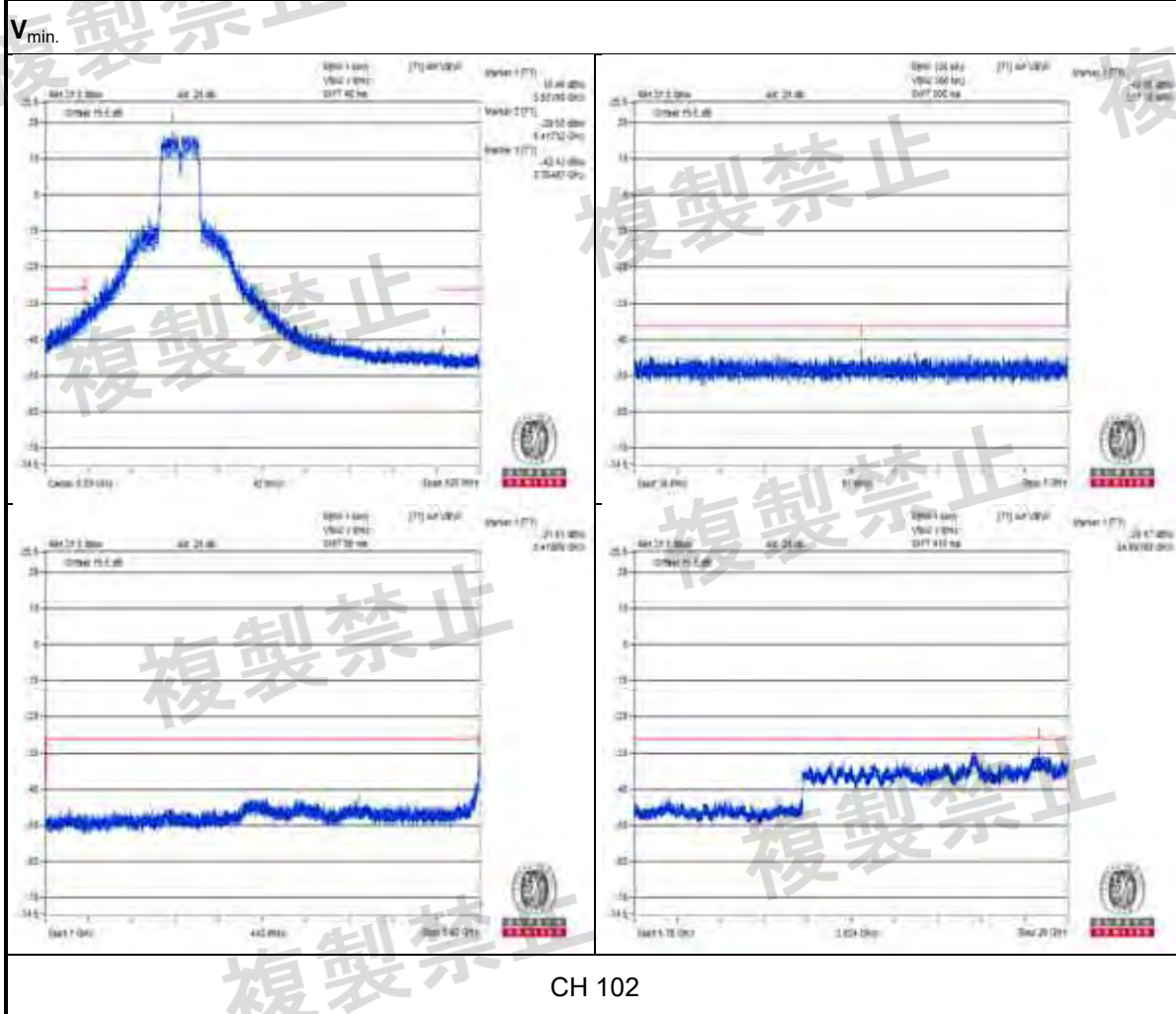


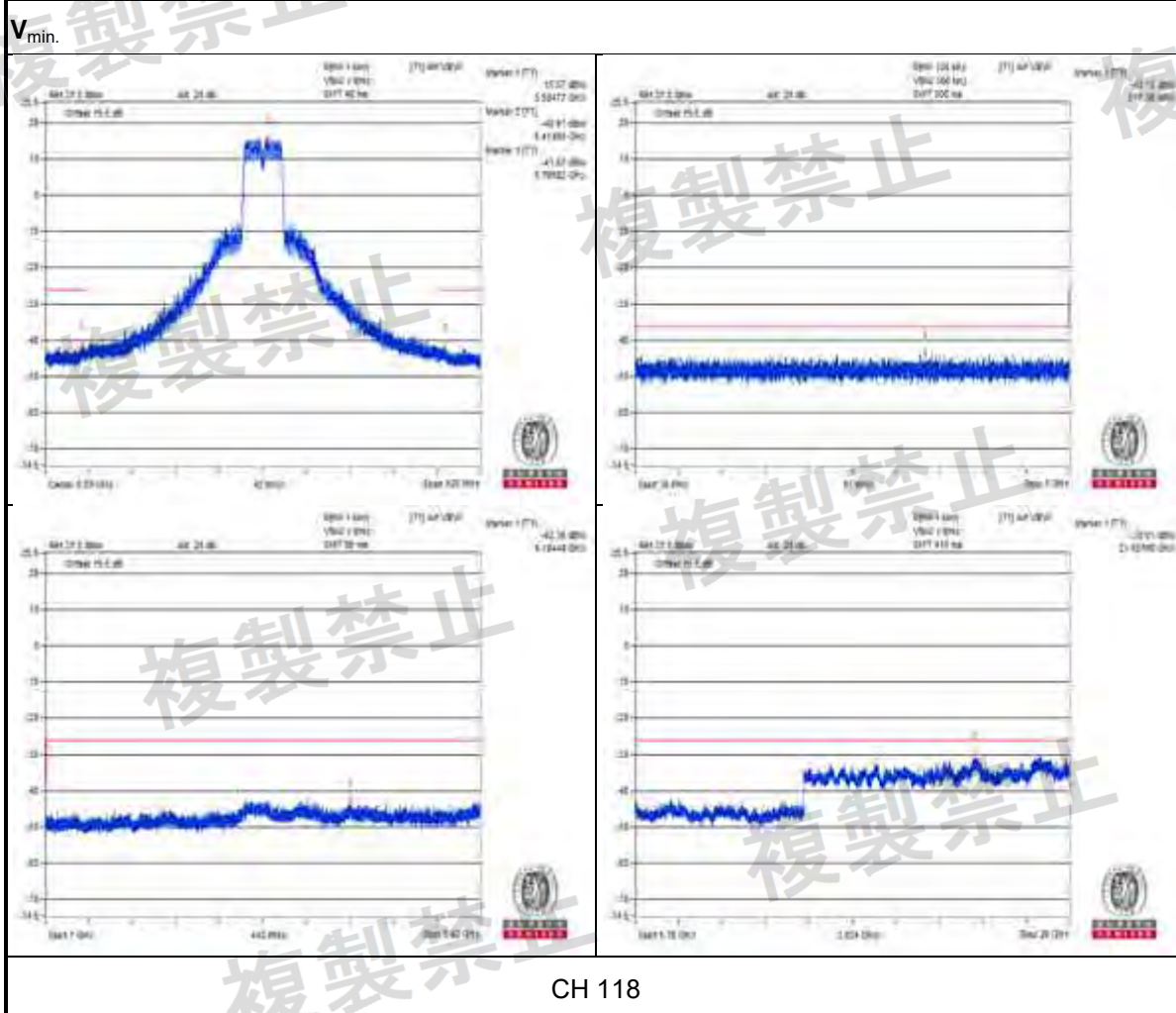


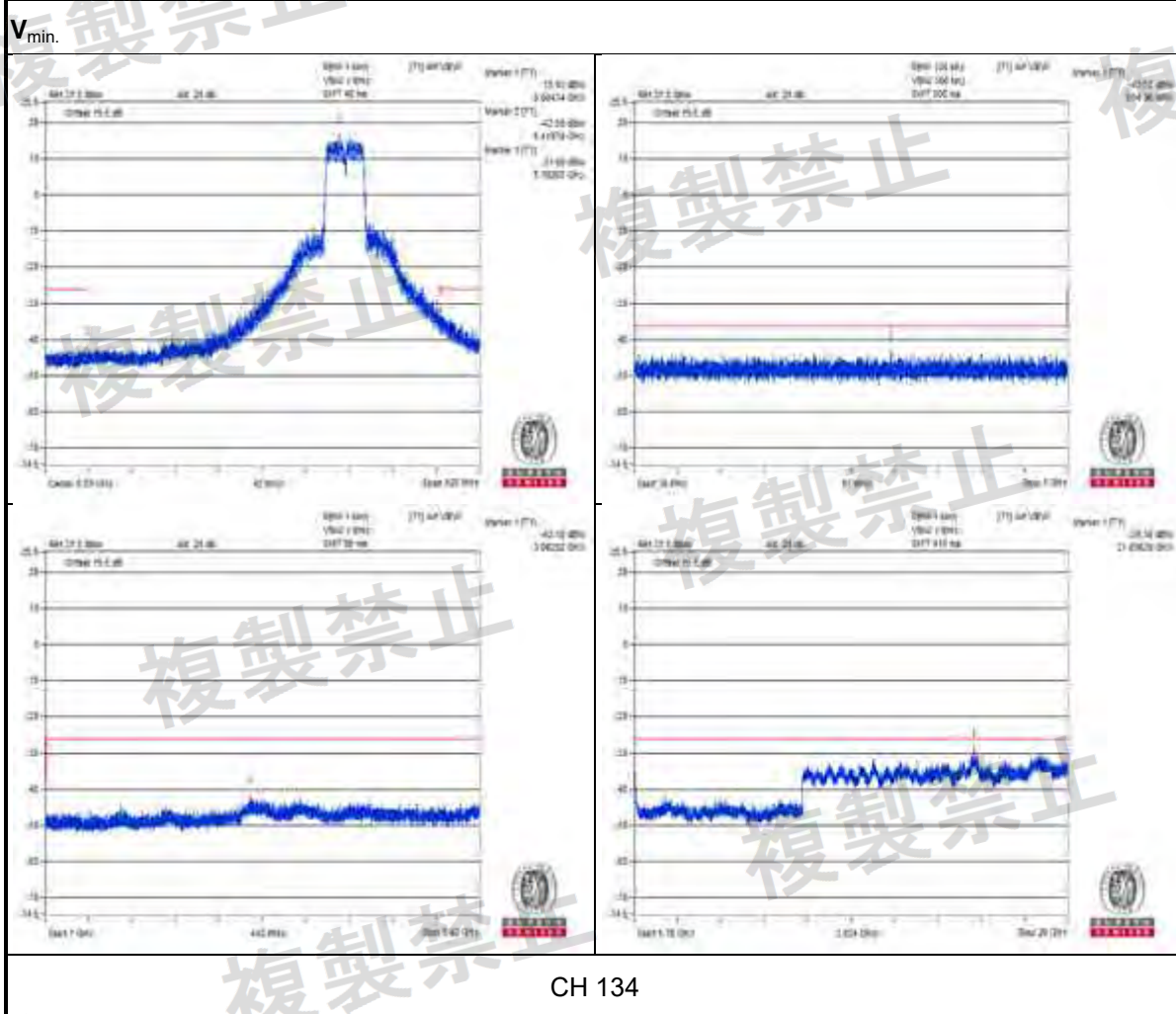
V<sub>max</sub>



CH 134







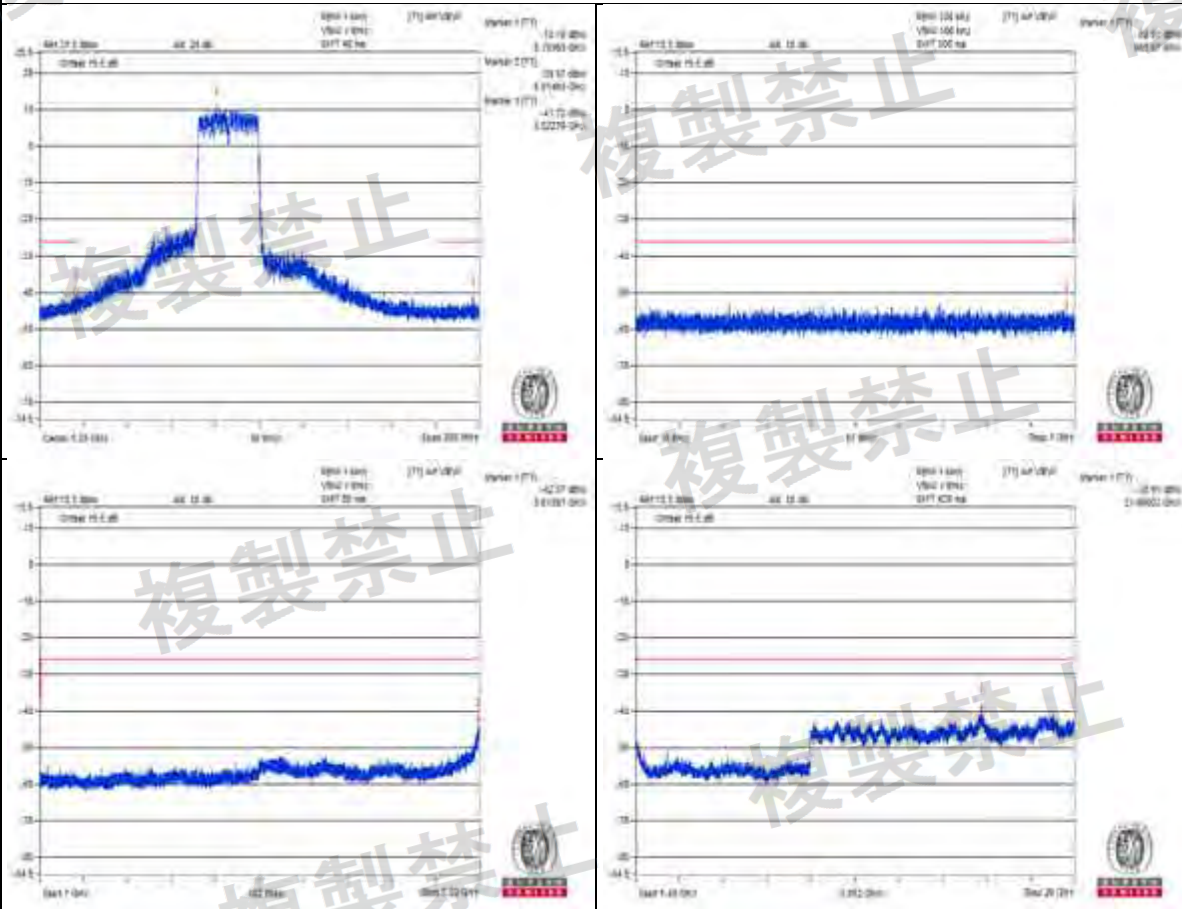


# W52 & W53 Bands: 802.11ac (VHT80)

Environmental Conditions		25 deg.C, 60% RH					
Test Channel		CH 42 (5210MHz)		CH 58 (5290MHz)		Limit	Result
Test Condition	Frequency Range	Frequency (MHz)	Measured Value	Frequency (MHz)	Measured Value		
V <sub>normal</sub>	30MHz to 1000MHz	983.870	<b>0.0050</b>	324.030	0.0040	0.25uW/100kHz	Pass
	1000MHz to 5020MHz	5013.970	<b>0.0550</b>	5006.930	<b>0.0110</b>	2.5uW/MHz	Pass
	5480MHz to 26000MHz	21660.020	<b>0.1280</b>	24471.260	<b>0.1210</b>	2.5uW/MHz	Pass
V <sub>max.</sub>	30MHz to 1000MHz	660.130	0.0040	445.760	0.0040	0.25uW/100kHz	Pass
	1000MHz to 5020MHz	5007.430	0.0480	5018.490	0.0100	2.5uW/MHz	Pass
	5480MHz to 26000MHz	21624.110	0.1040	21647.190	0.0930	2.5uW/MHz	Pass
V <sub>min.</sub>	30MHz to 1000MHz	92.080	<b>0.0050</b>	825.030	<b>0.0050</b>	0.25uW/100kHz	Pass
	1000MHz to 5020MHz	5020.000	0.0400	4979.800	0.0100	2.5uW/MHz	Pass
	5480MHz to 26000MHz	21557.420	0.1090	21570.240	0.1090	2.5uW/MHz	Pass

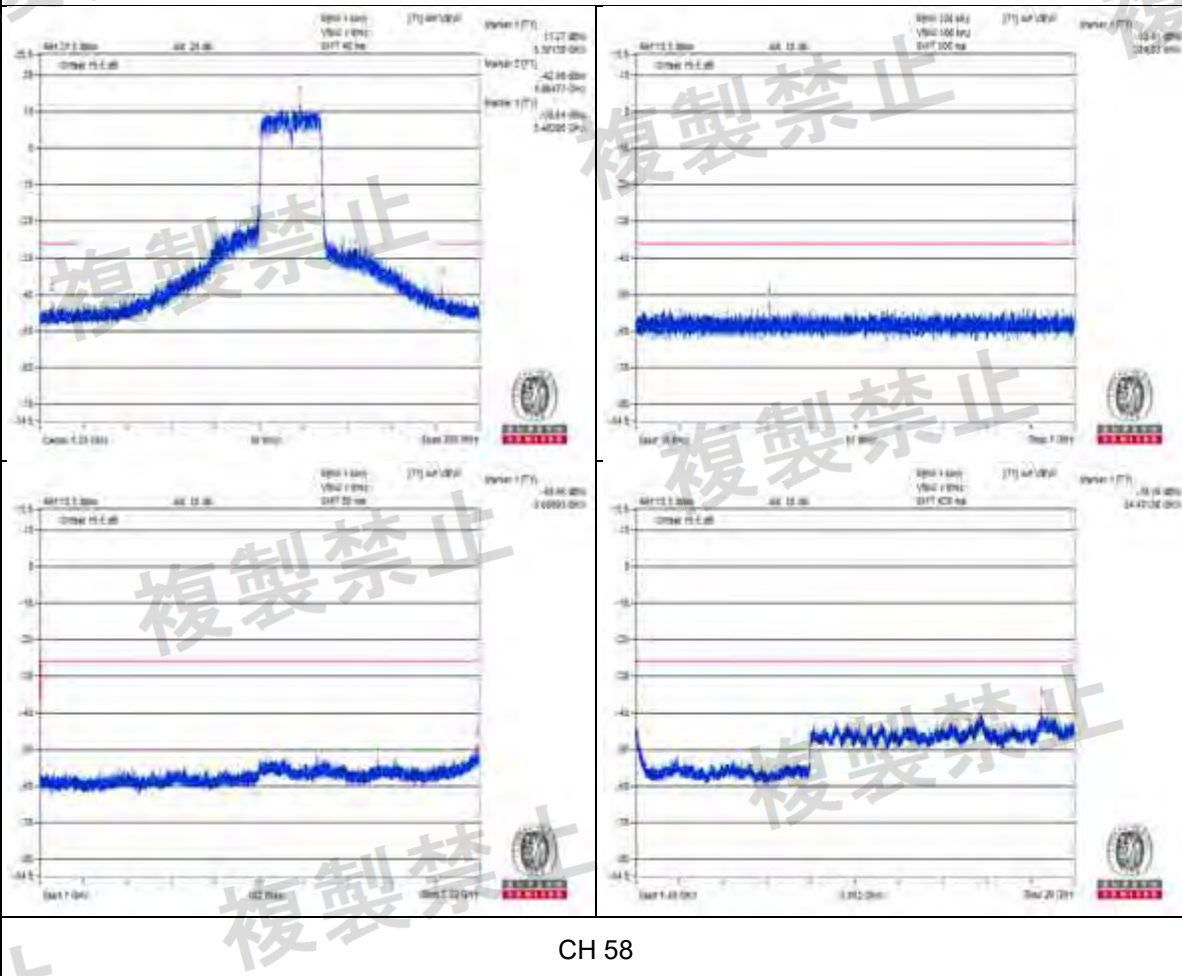
Note: 1. The worst value in each frequency range v.s. each channel has been marked by boldface  
2. The spectrum plots are attached on the following pages

V normal

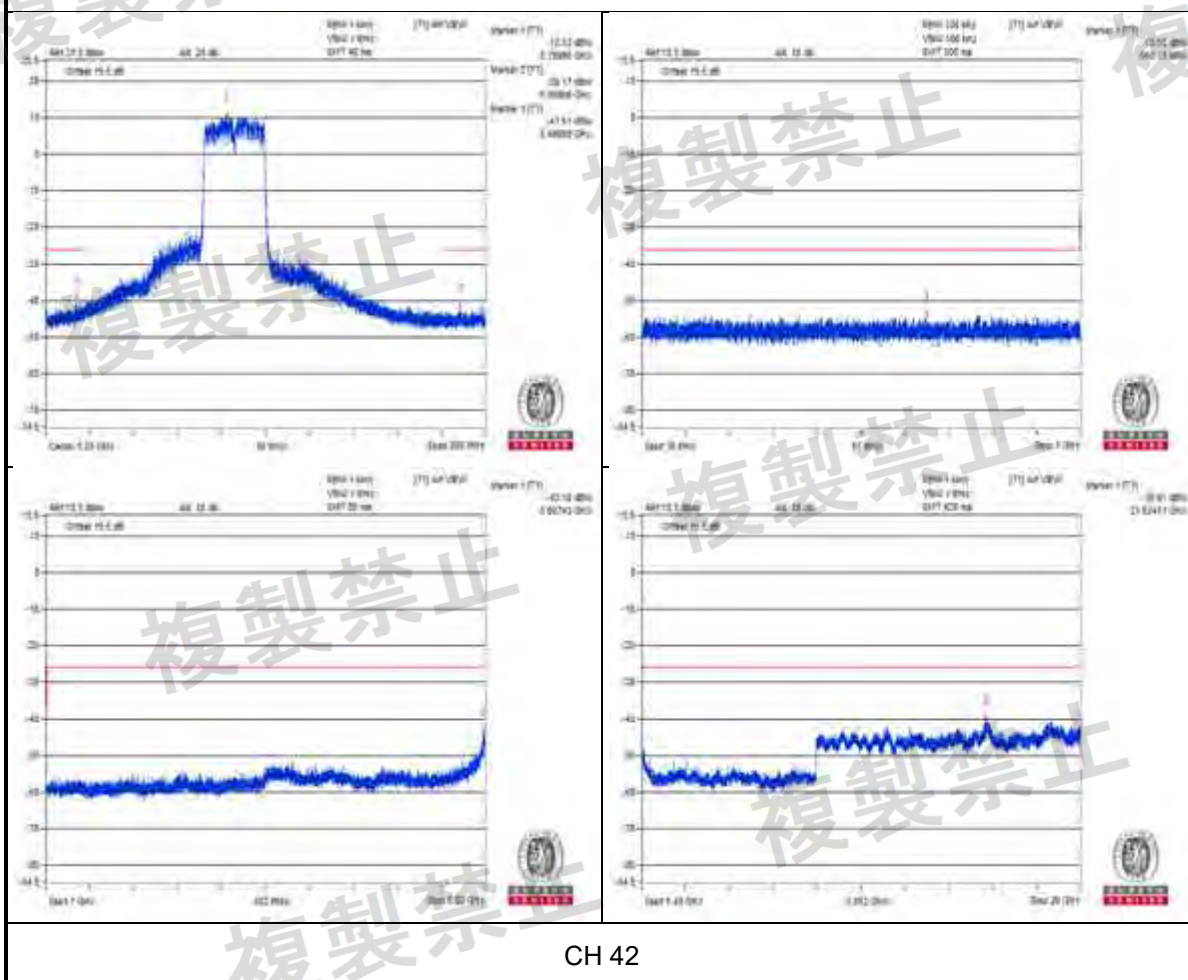


CH 42

V normal

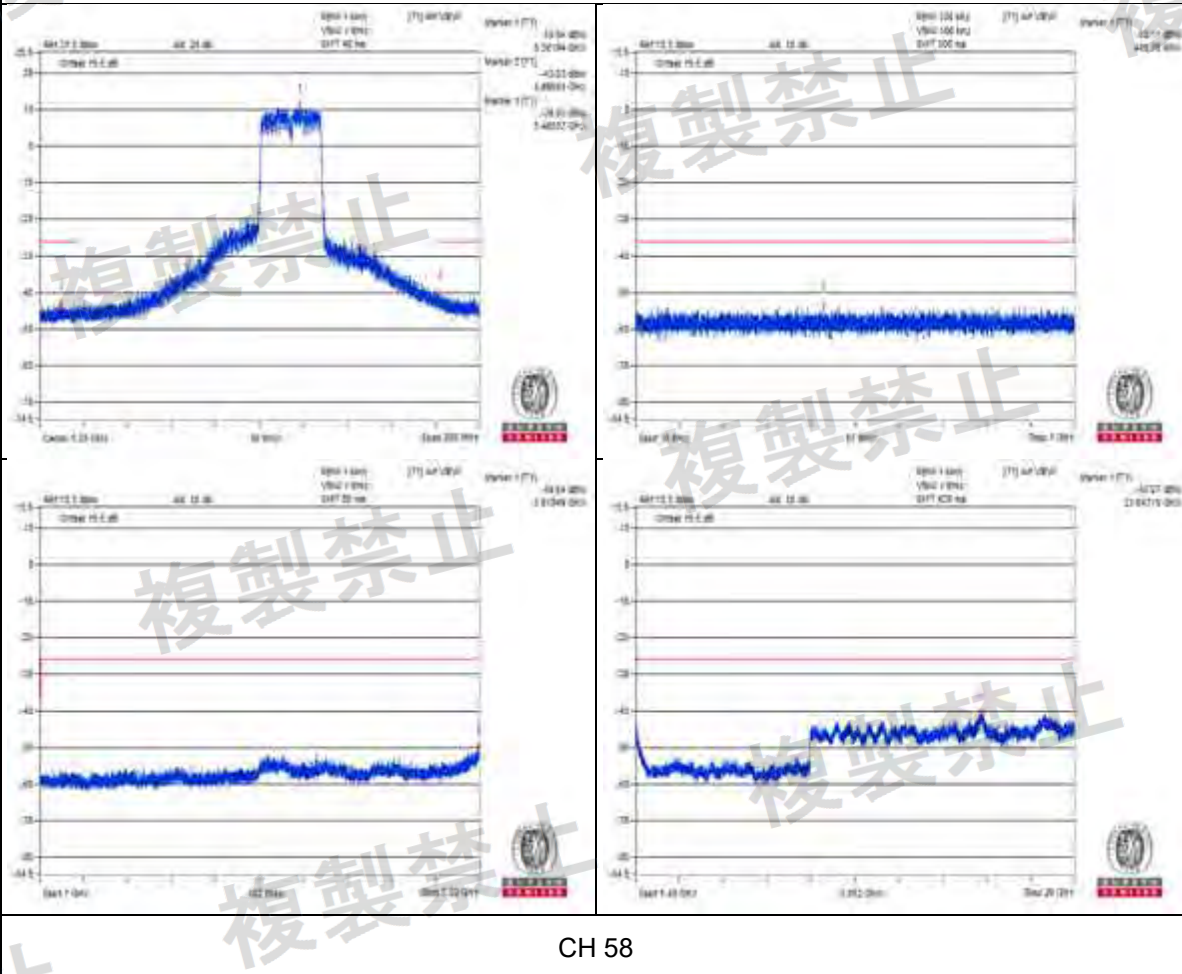


V<sub>max</sub>



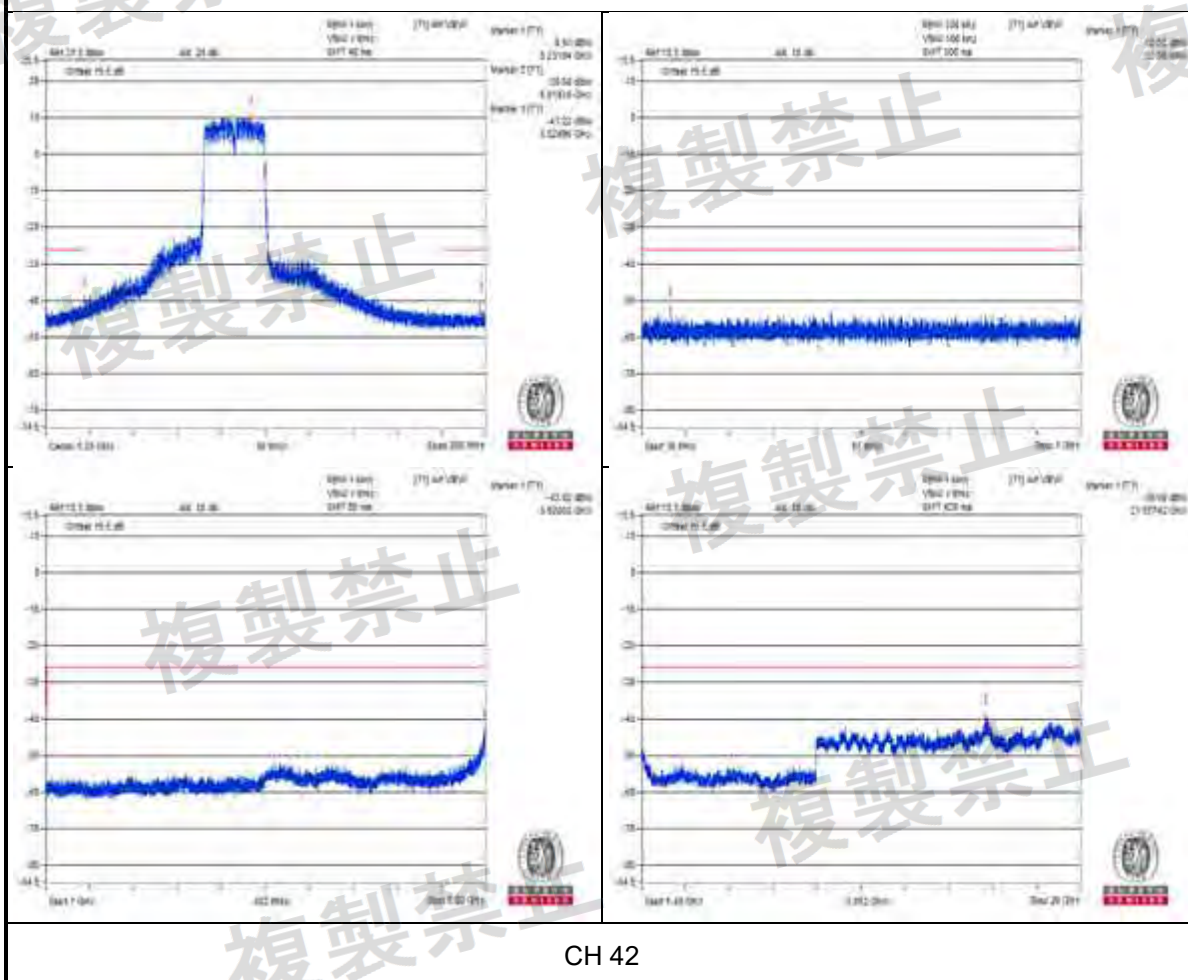


V<sub>max</sub>

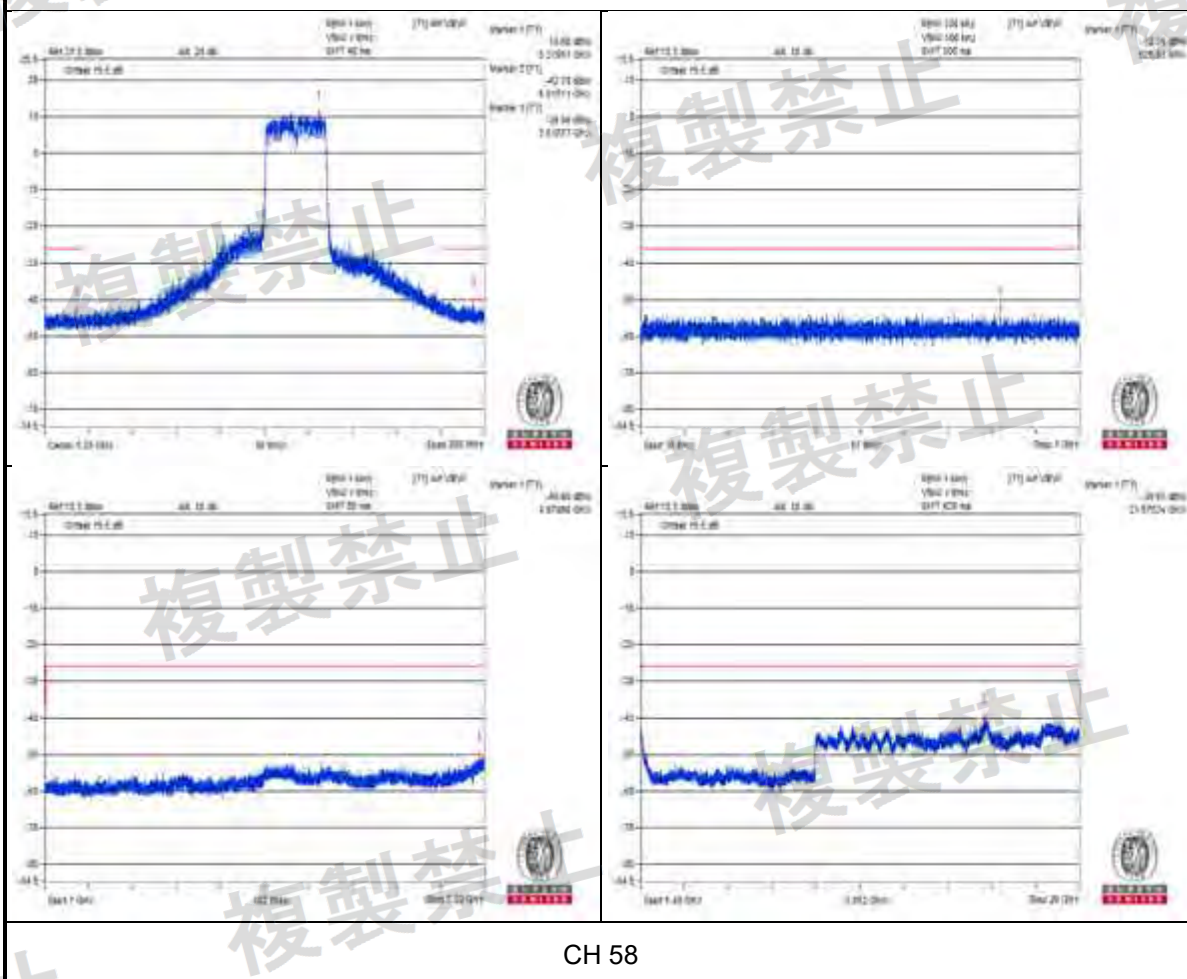


CH 58

V<sub>min</sub>



V<sub>min</sub>.





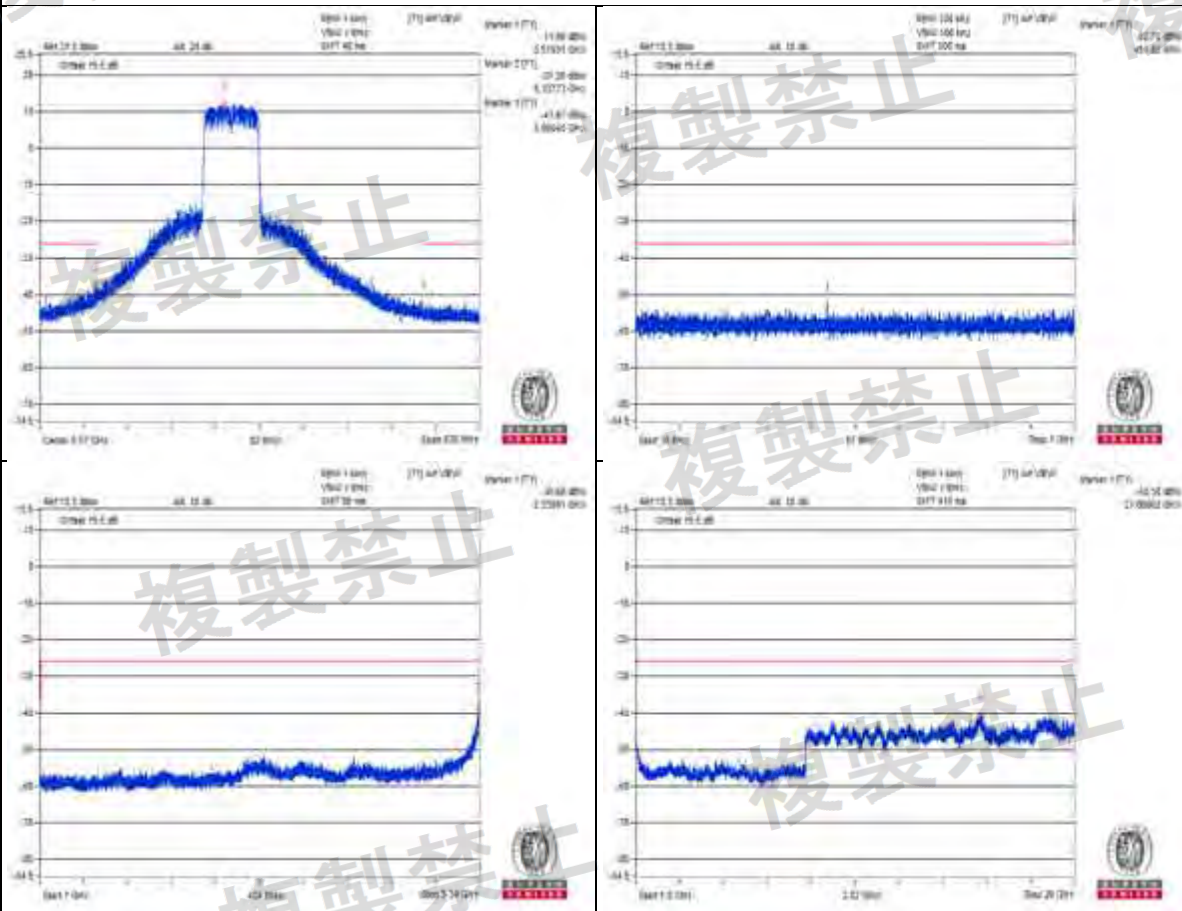
W56 Band: 802.11ac (VHT80)

Environmental Conditions		25 deg.C, 60% RH					
Test Channel		CH 106 (5530MHz)		CH 122 (5610MHz)		Limit	Result
Test Condition	Frequency Range	Frequency (MHz)	Measured Value	Frequency (MHz)	Measured Value		
V <sub>normal</sub>	30MHz to 1000MHz	451.820	<b>0.0050</b>	566.890	0.0040	0.25uW/100kHz	Pass
	1000MHz to 5340MHz	5338.910	<b>0.1550</b>	5318.840	0.0320	2.5uW/MHz	Pass
	5800MHz to 26000MHz	21669.620	0.0930	5802.520	0.1640	2.5uW/MHz	Pass
V <sub>max.</sub>	30MHz to 1000MHz	975.500	<b>0.0050</b>	57.160	<b>0.0050</b>	0.25uW/100kHz	Pass
	1000MHz to 5340MHz	5339.450	0.1300	5334.570	0.0420	2.5uW/MHz	Pass
	5800MHz to 26000MHz	24631.450	<b>0.1230</b>	5810.100	0.1570	2.5uW/MHz	Pass
V <sub>min.</sub>	30MHz to 1000MHz	774.830	0.0040	386.350	0.0040	0.25uW/100kHz	Pass
	1000MHz to 5340MHz	5330.230	0.0960	5323.720	<b>0.0460</b>	2.5uW/MHz	Pass
	5800MHz to 26000MHz	21636.800	0.1060	5802.520	<b>0.2640</b>	2.5uW/MHz	Pass

Note: 1. The worst value in each frequency range v.s. each channel has been marked by boldface  
2. The spectrum plots are attached on the following pages

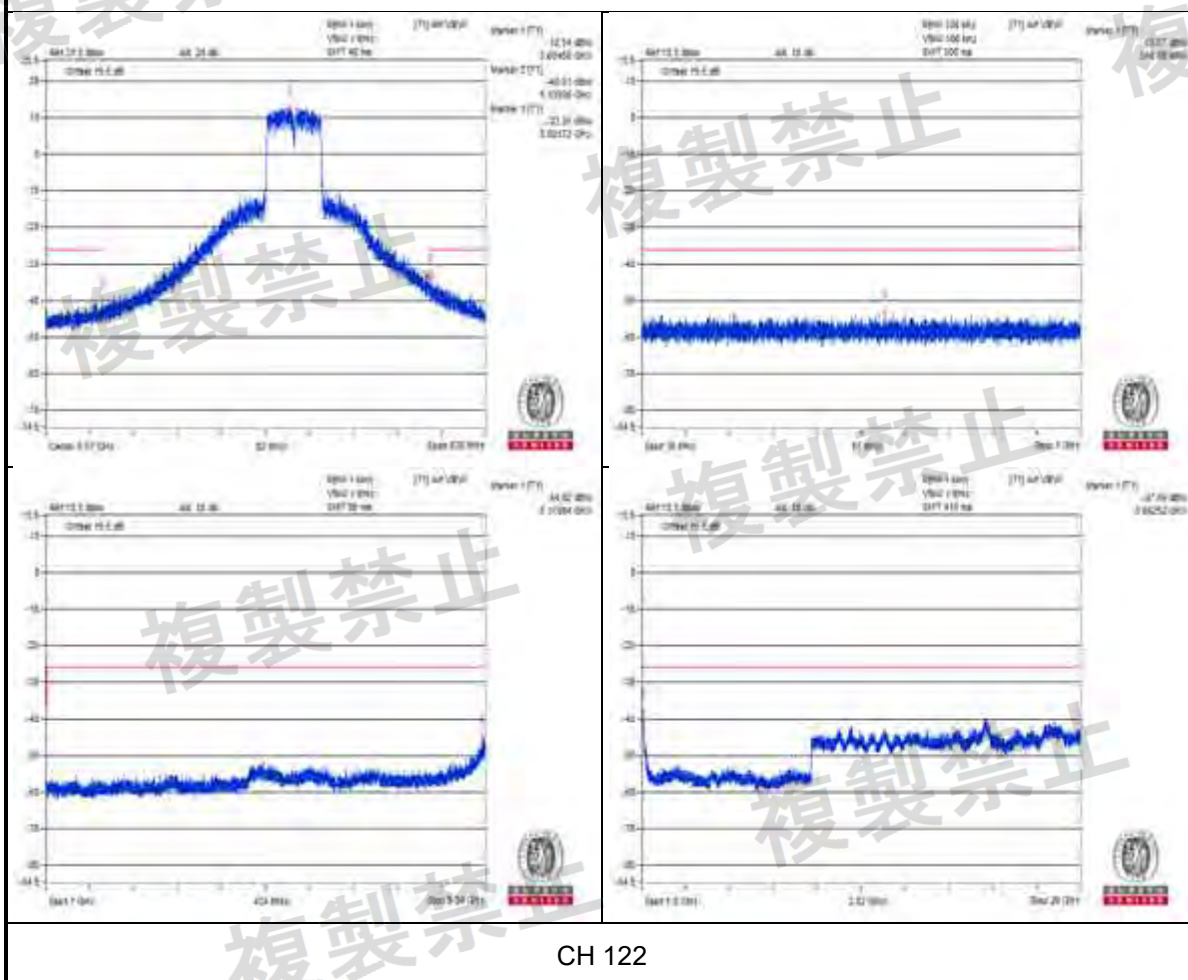


V normal

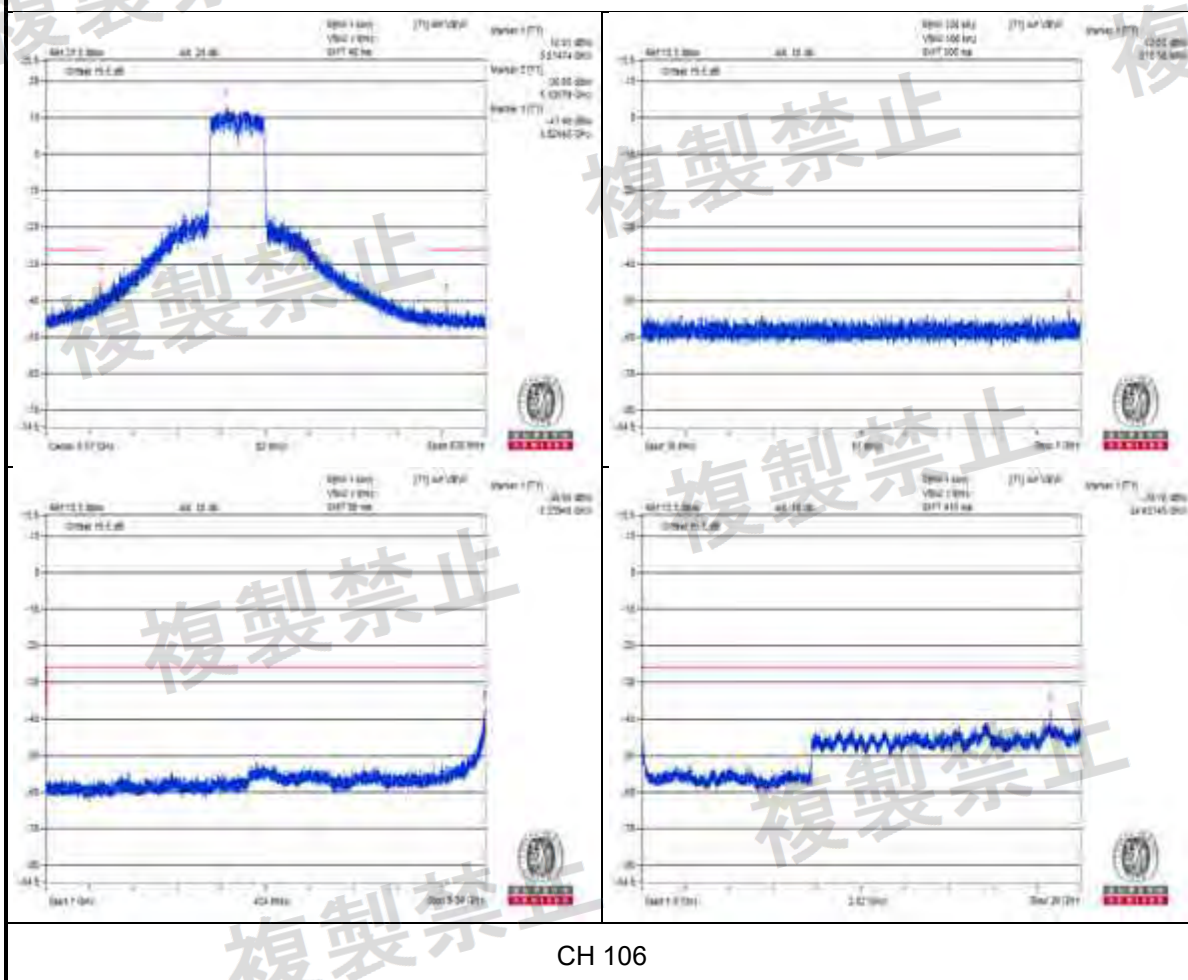


CH 106

V normal



V<sub>max</sub>



V<sub>max</sub>

