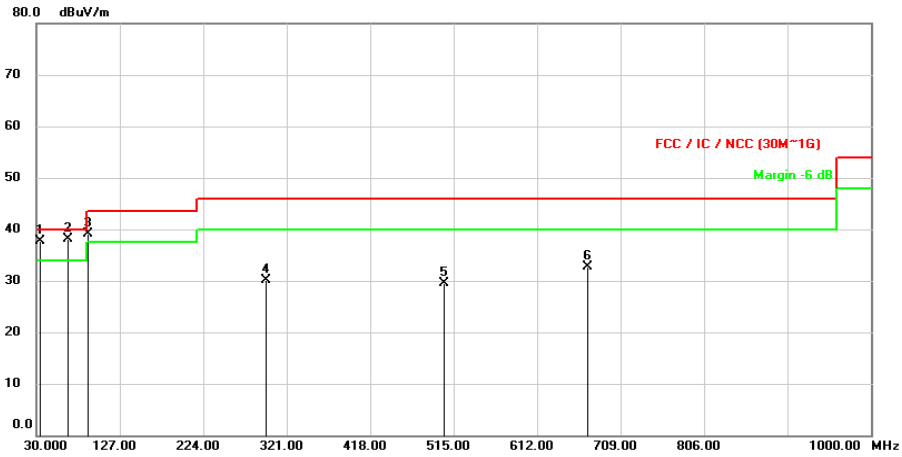




### Vertical



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Doc No: 17-EM-F0878 / 5.0



Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	34.4296	59.69	-21.60	38.09	40.00	-1.91	peak
-	74.0703	62.31	-24.11	38.20	40.00	-1.80	peak
-	182.2253	57.17	-21.50	35.67	43.50	-7.83	peak
-	336.8433	52.05	-18.80	33.25	46.00	-12.75	peak
-	551.9893	43.58	-13.36	30.22	46.00	-15.78	peak
-	673.3039	41.78	-11.71	30.07	46.00	-15.93	peak

Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	34.2680	59.36	-21.56	37.80	40.00	-2.20	peak
-	67.7976	60.64	-22.52	38.12	40.00	-1.88	peak
-	90.3340	65.84	-26.79	39.05	43.50	-4.45	peak
-	297.0086	50.08	-19.92	30.16	46.00	-15.84	peak
-	504.0065	44.19	-14.63	29.56	46.00	-16.44	peak
-	670.5556	44.51	-11.73	32.78	46.00	-13.22	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. The peak result complies with QP limit, QP result is deemed to comply with QP limit.
5. The other emission levels were very low against the limit.

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Model: VigorAP 1000C

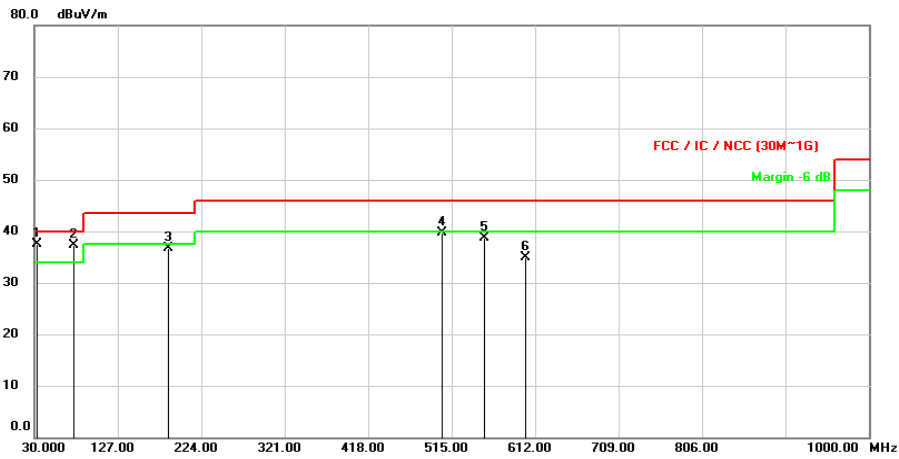
30 MHz ~ 1 GHz Data

Non-Beamforming Mode

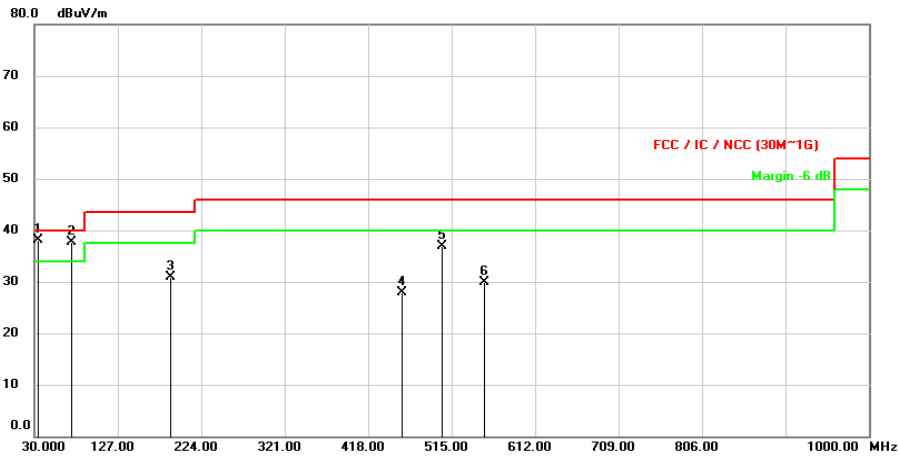
802.11a

EUT Test Condition		Measurement Detail	
Channel	Channel 36	Frequency Range	30 MHz ~ 1 GHz

### Horizontal



### Vertical



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Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	32.9423	53.30	-15.81	37.49	40.00	-2.51	peak
-	74.8140	55.98	-18.74	37.24	40.00	-2.76	peak
-	186.0407	52.96	-16.22	36.74	43.50	-6.76	peak
-	504.0067	48.85	-9.06	39.79	46.00	-6.21	peak
-	552.0217	46.33	-7.71	38.62	46.00	-7.38	peak
-	600.0043	41.95	-7.07	34.88	46.00	-11.12	peak

Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	34.3973	54.06	-16.05	38.01	40.00	-1.99	peak
-	73.8763	56.20	-18.54	37.66	40.00	-2.34	peak
-	187.8190	47.26	-16.31	30.95	43.50	-12.55	peak
-	455.9917	38.01	-10.10	27.91	46.00	-18.09	peak
-	504.0067	45.90	-9.06	36.84	46.00	-9.16	peak
-	551.9893	37.65	-7.71	29.94	46.00	-16.06	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. The peak result complies with QP limit, QP result is deemed to comply with QP limit.
5. The other emission levels were very low against the limit.

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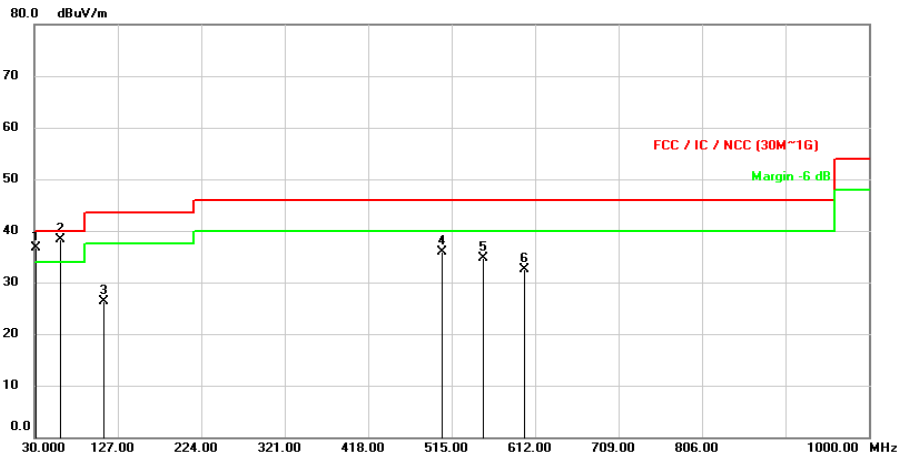


### Beamforming Mode

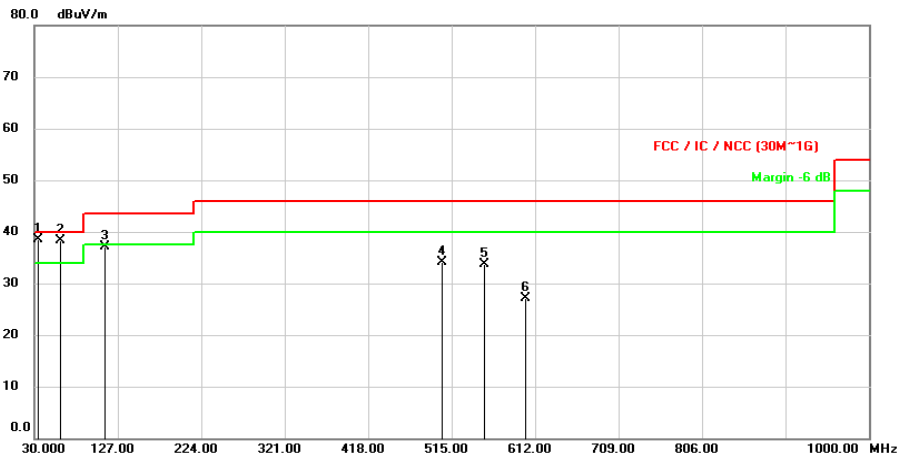
#### 802.11ac (VHT80)

EUT Test Condition		Measurement Detail	
Channel	Channel 42	Frequency Range	30 MHz ~ 1 GHz

#### Horizontal



#### Vertical



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Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	32.2310	52.76	-16.03	36.73	40.00	-3.27	peak
-	60.1670	53.74	-15.50	38.24	40.00	-1.76	peak
-	111.4153	44.47	-18.22	26.25	43.50	-17.25	peak
-	504.0067	45.04	-9.06	35.98	46.00	-10.02	peak
-	551.9893	42.51	-7.71	34.80	46.00	-11.20	peak
-	600.0043	39.58	-7.07	32.51	46.00	-13.49	peak

Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	34.4943	54.65	-16.07	38.58	40.00	-1.42	peak
-	60.1670	53.85	-15.50	38.35	40.00	-1.65	peak
-	111.3830	55.26	-18.22	37.04	43.50	-6.46	peak
-	504.0067	43.15	-9.06	34.09	46.00	-11.91	peak
-	551.9893	41.42	-7.71	33.71	46.00	-12.29	peak
-	600.0367	34.19	-7.07	27.12	46.00	-18.88	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. The peak result complies with QP limit, QP result is deemed to comply with QP limit.
5. The other emission levels were very low against the limit.

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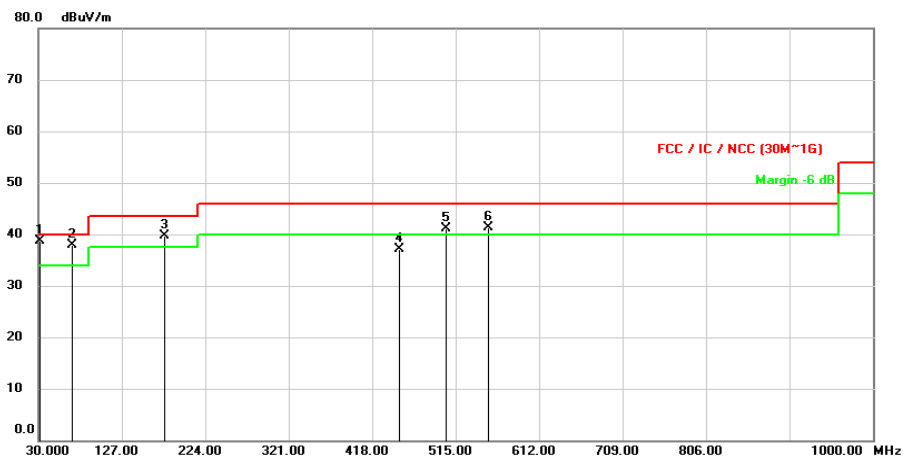


### Co-Location Mode

#### 802.11b + 802.11a

EUT Test Condition		Measurement Detail	
Channel	Channel 6 + Channel 48 + Channel 149	Frequency Range	30 MHz ~ 1 GHz

### Horizontal



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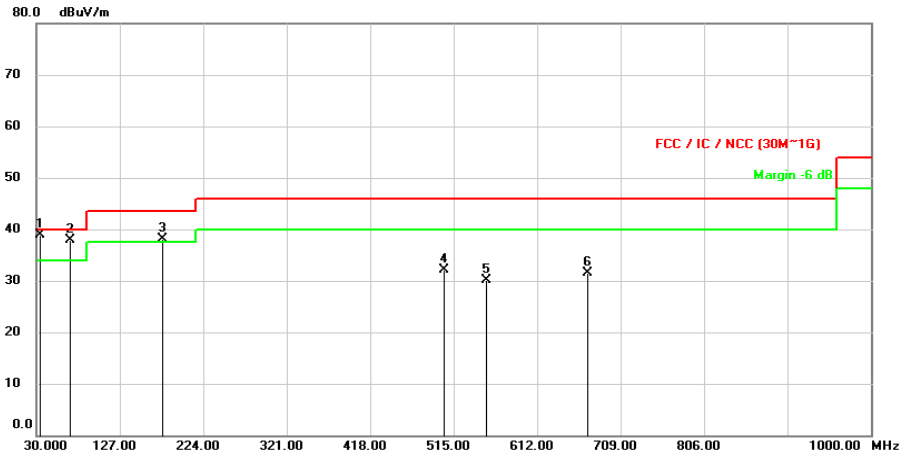
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### Vertical



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Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	32.7160	54.69	-15.89	38.80	40.00	-1.20	peak
-	68.6707	55.15	-17.29	37.86	40.00	-2.14	peak
-	177.2783	55.25	-15.60	39.65	43.50	-3.85	peak
-	448.7167	47.44	-10.27	37.17	46.00	-8.83	peak
-	504.0067	50.21	-9.06	41.15	46.00	-4.85	peak
-	552.0217	49.06	-7.71	41.35	46.00	-4.65	peak

Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	34.3973	54.96	-16.05	38.91	40.00	-1.09	peak
-	68.3797	55.17	-17.17	38.00	40.00	-2.00	peak
-	176.8580	53.68	-15.57	38.11	43.50	-5.39	peak
-	504.0067	41.17	-9.06	32.11	46.00	-13.89	peak
-	552.0217	37.85	-7.71	30.14	46.00	-15.86	peak
-	670.6527	37.59	-6.01	31.58	46.00	-14.42	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. The peak result complies with QP limit, QP result is deemed to comply with QP limit.
5. The other emission levels were very low against the limit.

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## 9.8. AC Power Line Conducted Emission

### Requirements

Frequency (MHz)	Conducted limit (dB $\mu$ V)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note:

1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

### Test Procedures

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

NOTE:

1. The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.

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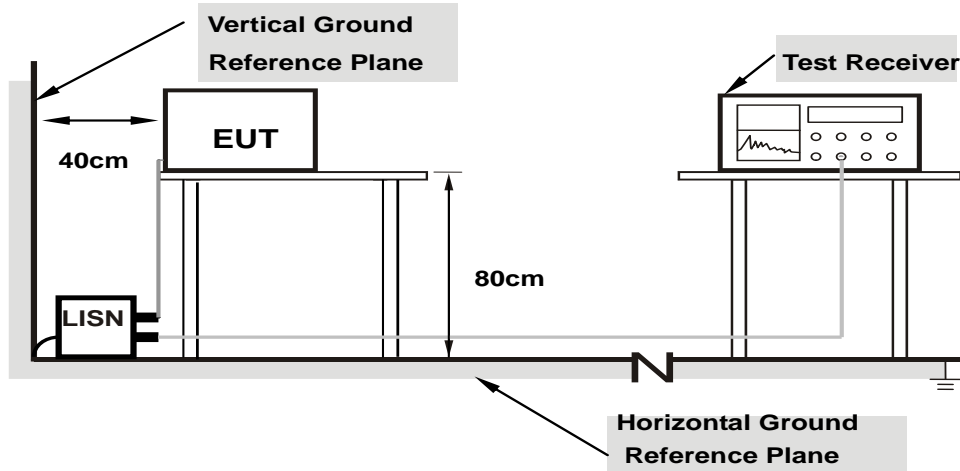
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## Test Setup



**Note: 1.Support units were connected to second LISN.**

For the actual test configuration, please refer to the Setup Configurations.

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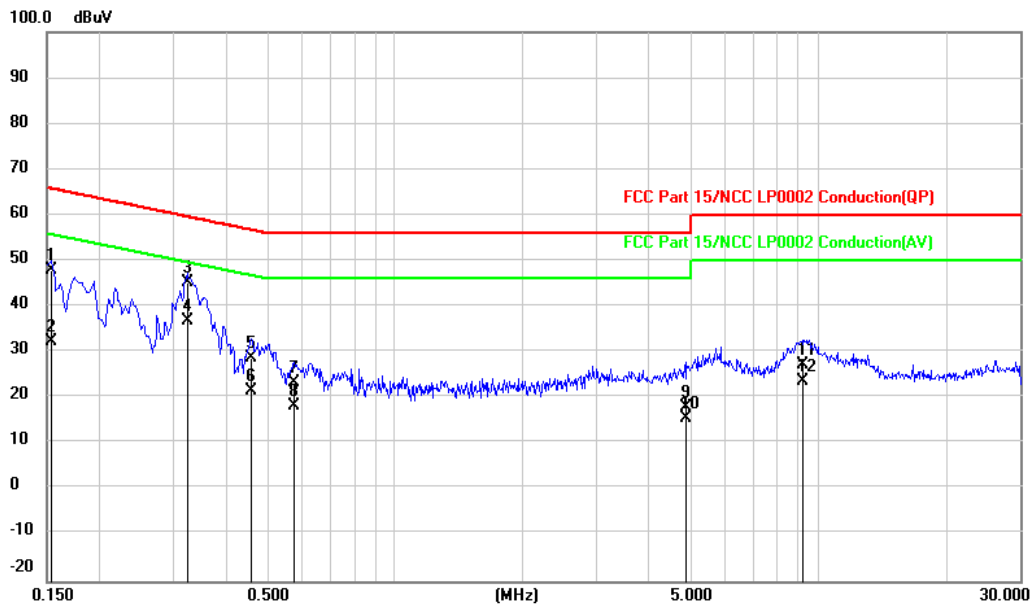
### Test Data

Model: VigorAP 1000

802.11ac (VHT40)

EUT Test Condition		Measurement Detail	
Channel	Channel 46	Frequency Range	150 kHz ~ 30 MHz

### Phase of Power : Line (L)



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Doc No: 17-EM-F0878 / 5.0



No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1539	28.49	19.47	47.96	65.79	-17.83	QP
2	0.1539	12.96	19.47	32.43	55.79	-23.36	AVG
3	0.3220	25.66	19.47	45.13	59.66	-14.53	QP
4	0.3220	17.25	19.47	36.72	49.66	-12.94	AVG
5	0.4580	9.19	19.48	28.67	56.73	-28.06	QP
6	0.4580	2.04	19.48	21.52	46.73	-25.21	AVG
7	0.5780	3.83	19.48	23.31	56.00	-32.69	QP
8	0.5780	-1.34	19.48	18.14	46.00	-27.86	AVG
9	4.8940	-1.58	19.61	18.03	56.00	-37.97	QP
10	4.8940	-4.10	19.61	15.51	46.00	-30.49	AVG
11	9.1980	7.68	19.66	27.34	60.00	-32.66	QP
12	9.1980	3.94	19.66	23.60	50.00	-26.40	AVG

Remarks:

1. Result value (dBuV) = Reading value (dBuV) + Correction Factor (dB)
2. Margin(dB) = Result value (dBuV) - Limit value (dBuV)
3. Correction Factor(dB) = Insertion loss(dB) + Cable loss(dB)
4. The other emission levels were very low against the limit.

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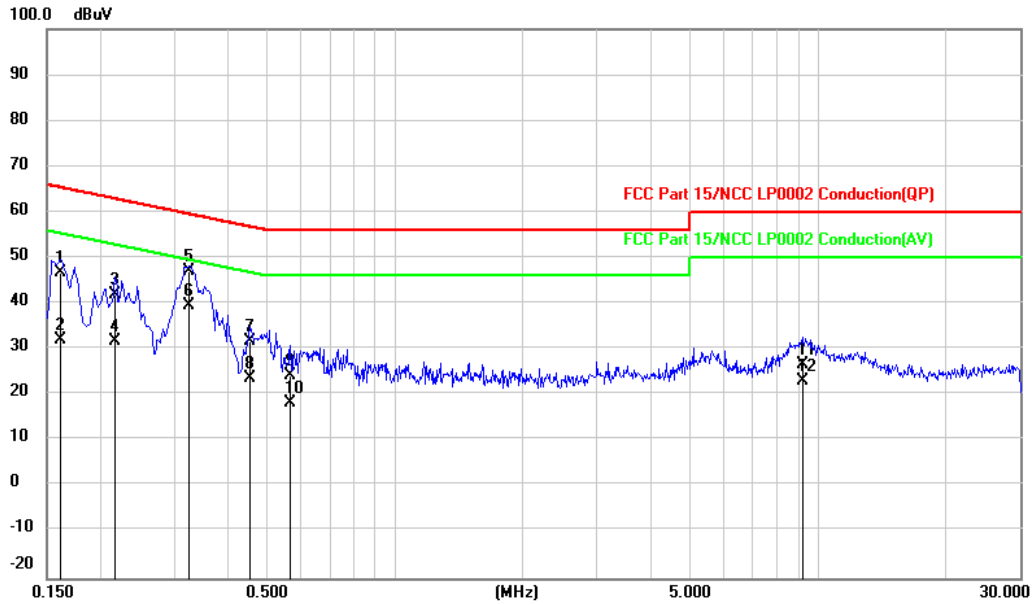
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**Phase of Power : Neutral (N)**



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No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1620	27.42	19.47	46.89	65.36	-18.47	QP
2	0.1620	12.59	19.47	32.06	55.36	-23.30	AVG
3	0.2180	22.47	19.48	41.95	62.89	-20.94	QP
4	0.2180	12.42	19.48	31.90	52.89	-20.99	AVG
5	0.3260	27.44	19.48	46.92	59.55	-12.63	QP
6	0.3260	20.14	19.48	39.62	49.55	-9.93	AVG
7	0.4540	12.14	19.49	31.63	56.80	-25.17	QP
8	0.4540	4.07	19.49	23.56	46.80	-23.24	AVG
9	0.5660	4.90	19.49	24.39	56.00	-31.61	QP
10	0.5660	-1.10	19.49	18.39	46.00	-27.61	AVG
11	9.1860	7.04	19.69	26.73	60.00	-33.27	QP
12	9.1860	3.49	19.69	23.18	50.00	-26.82	AVG

Remarks:

1. Result value (dBuV) = Reading value (dBuV) + Correction Factor (dB)
2. Margin(dB) = Result value (dBuV) - Limit value (dBuV)
3. Correction Factor(dB) = Insertion loss(dB) + Cable loss(dB)
4. The other emission levels were very low against the limit.

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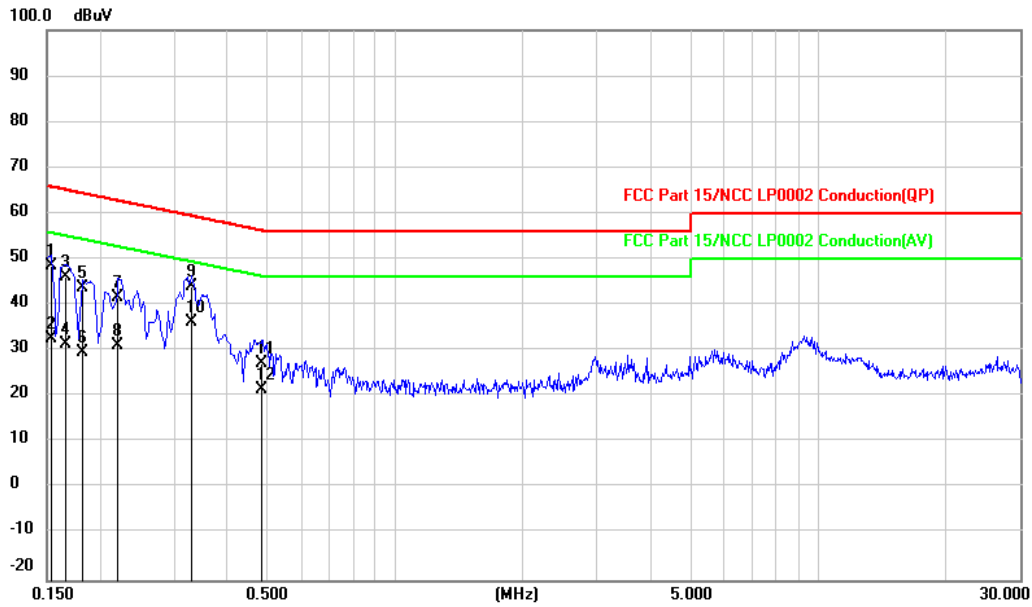


**Model: VigorAP 1000C**

**802.11a**

EUT Test Condition		Measurement Detail	
Channel	Channel 36	Frequency Range	150 kHz ~ 30 MHz

**Phase of Power : Line (L)**



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No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1539	29.20	19.47	48.67	65.79	-17.12	QP
2	0.1539	13.09	19.47	32.56	55.79	-23.23	AVG
3	0.1660	26.70	19.47	46.17	65.16	-18.99	QP
4	0.1660	12.05	19.47	31.52	55.16	-23.64	AVG
5	0.1819	24.42	19.46	43.88	64.40	-20.52	QP
6	0.1819	10.13	19.46	29.59	54.40	-24.81	AVG
7	0.2220	22.11	19.47	41.58	62.74	-21.16	QP
8	0.2220	11.63	19.47	31.10	52.74	-21.64	AVG
9	0.3300	24.50	19.47	43.97	59.45	-15.48	QP
10	0.3300	16.84	19.47	36.31	49.45	-13.14	AVG
11	0.4860	7.82	19.48	27.30	56.24	-28.94	QP
12	0.4860	2.20	19.48	21.68	46.24	-24.56	AVG

Remarks:

1. Result value (dBuV) = Reading value (dBuV) + Correction Factor (dB)
2. Margin(dB) = Result value (dBuV) - Limit value (dBuV)
3. Correction Factor(dB) = Insertion loss(dB) + Cable loss(dB)
4. The other emission levels were very low against the limit.

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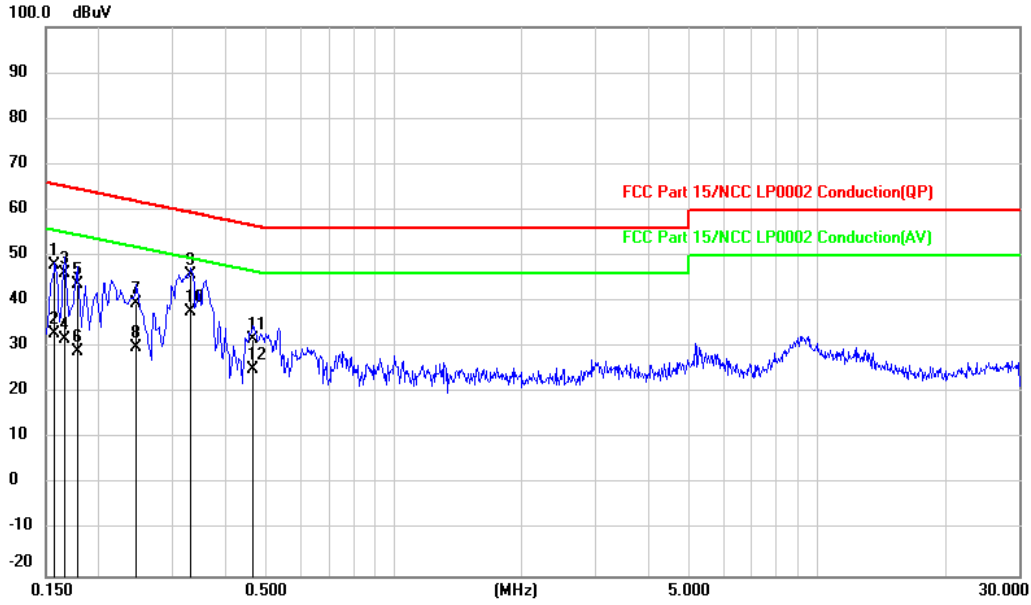
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**Phase of Power : Neutral (N)**



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Doc No: 17-EM-F0878 / 5.0



No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1580	28.40	19.47	47.87	65.57	-17.70	QP
2	0.1580	13.44	19.47	32.91	55.57	-22.66	AVG
3	0.1660	26.70	19.47	46.17	65.16	-18.99	QP
4	0.1660	12.19	19.47	31.66	55.16	-23.50	AVG
5	0.1780	24.42	19.47	43.89	64.58	-20.69	QP
6	0.1780	9.60	19.47	29.07	54.58	-25.51	AVG
7	0.2460	20.19	19.48	39.67	61.89	-22.22	QP
8	0.2460	10.33	19.48	29.81	51.89	-22.08	AVG
9	0.3300	26.34	19.48	45.82	59.45	-13.63	QP
10	0.3300	18.38	19.48	37.86	49.45	-11.59	AVG
11	0.4620	12.37	19.49	31.86	56.66	-24.80	QP
12	0.4620	5.81	19.49	25.30	46.66	-21.36	AVG

Remarks:

1. Result value (dBuV) = Reading value (dBuV) + Correction Factor (dB)
2. Margin(dB) = Result value (dBuV) - Limit value (dBuV)
3. Correction Factor(dB) = Insertion loss(dB) + Cable loss(dB)
4. The other emission levels were very low against the limit.

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Doc No: 17-EM-F0878 / 5.0



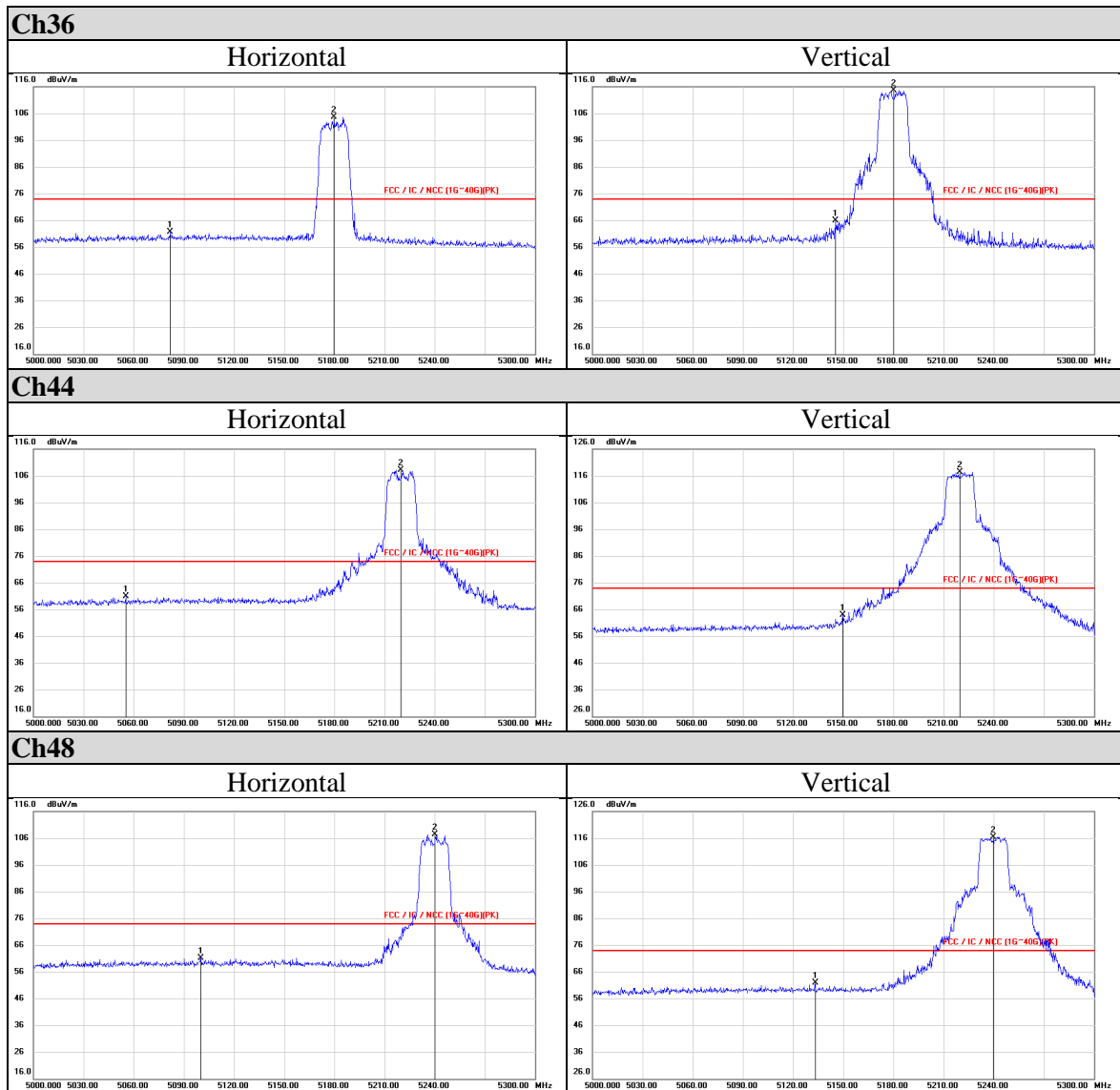
## Appendix I Radiated Band Edge and OOB Measurement

Model: VigorAP 1000

Non-Beamforming Mode

802.11a

Peak



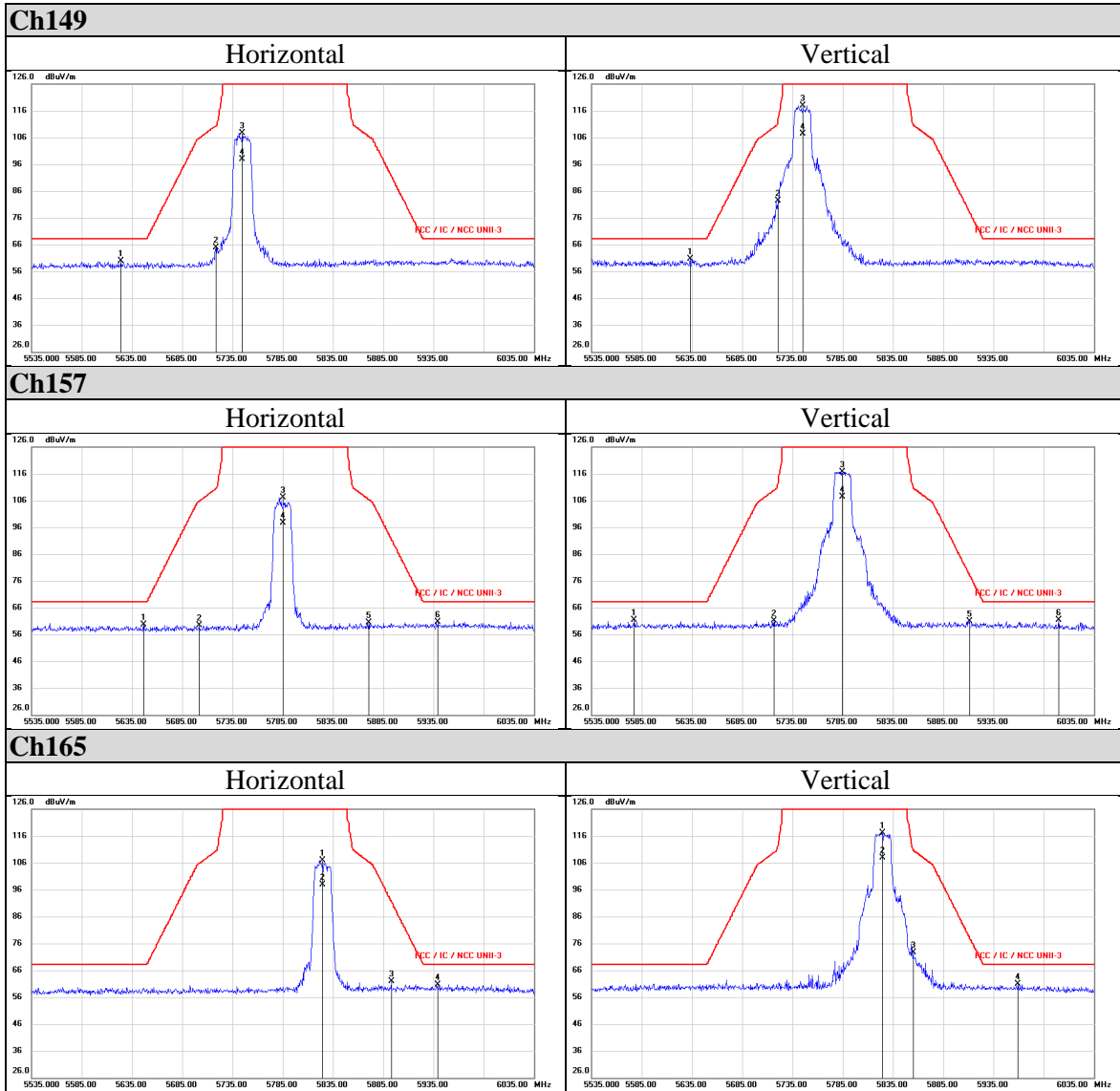
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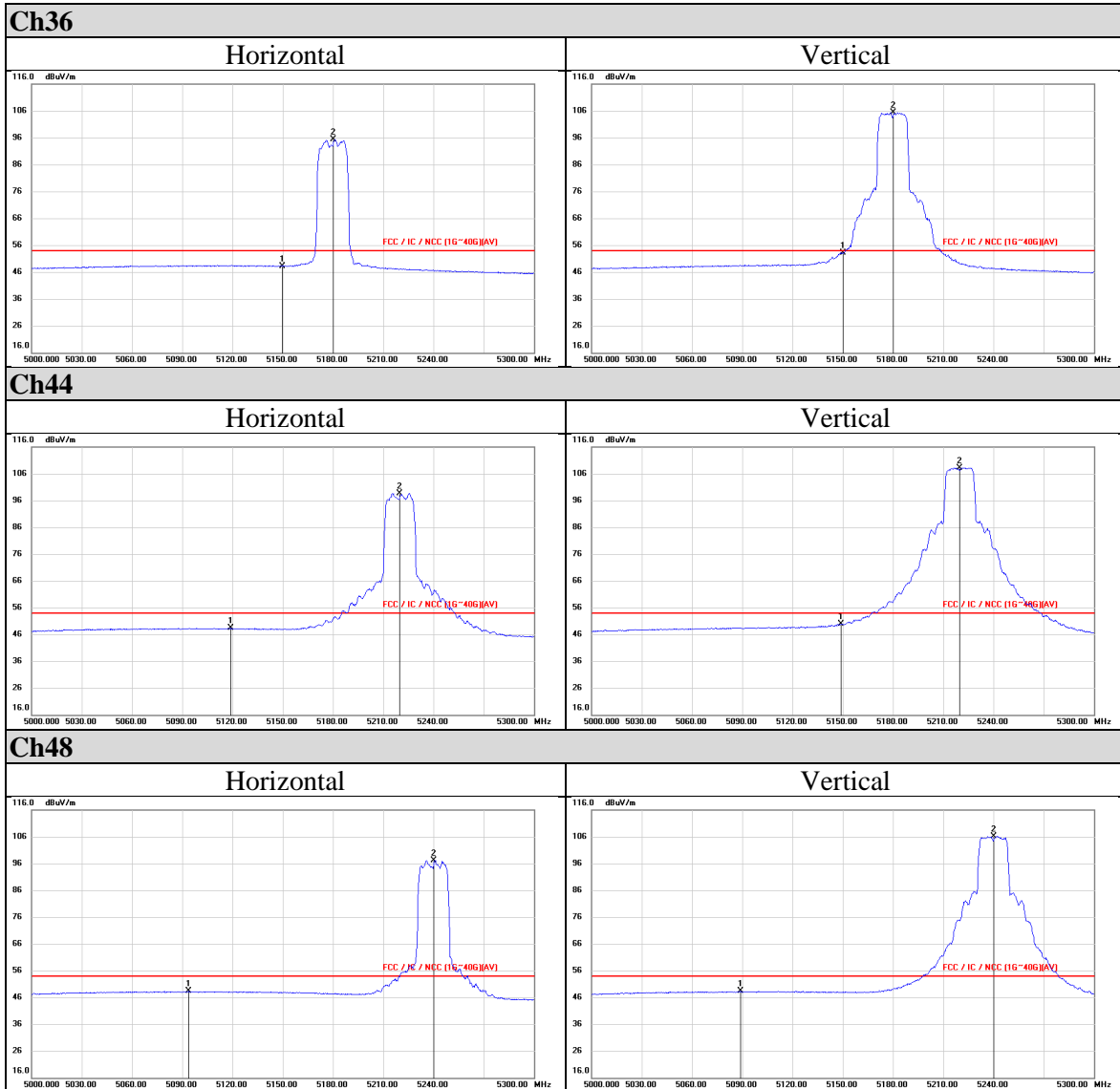
Telephone : +886-2-7737-3000

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Average



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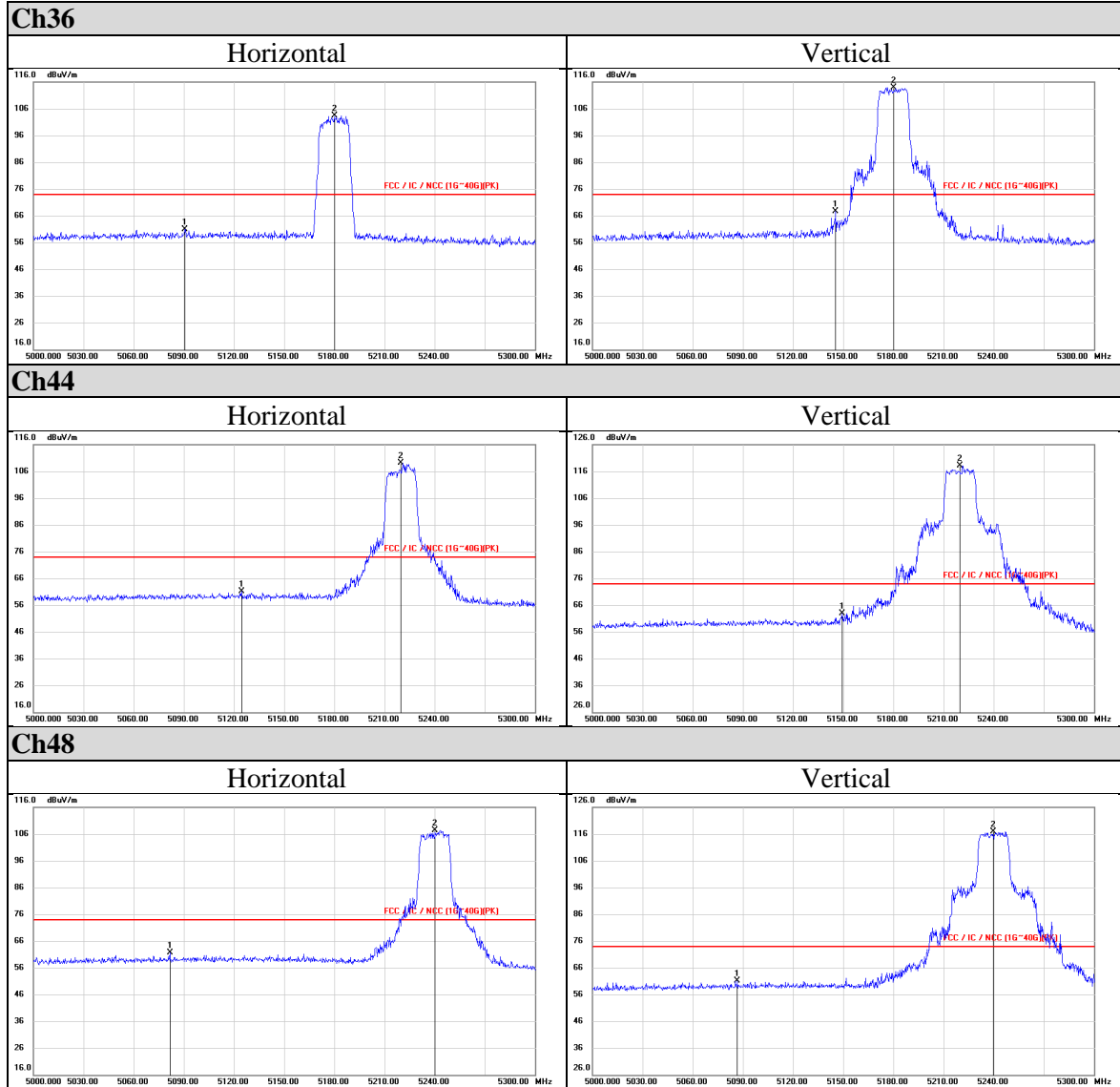
Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948



### 802.11ac (VHT20)

#### Peak



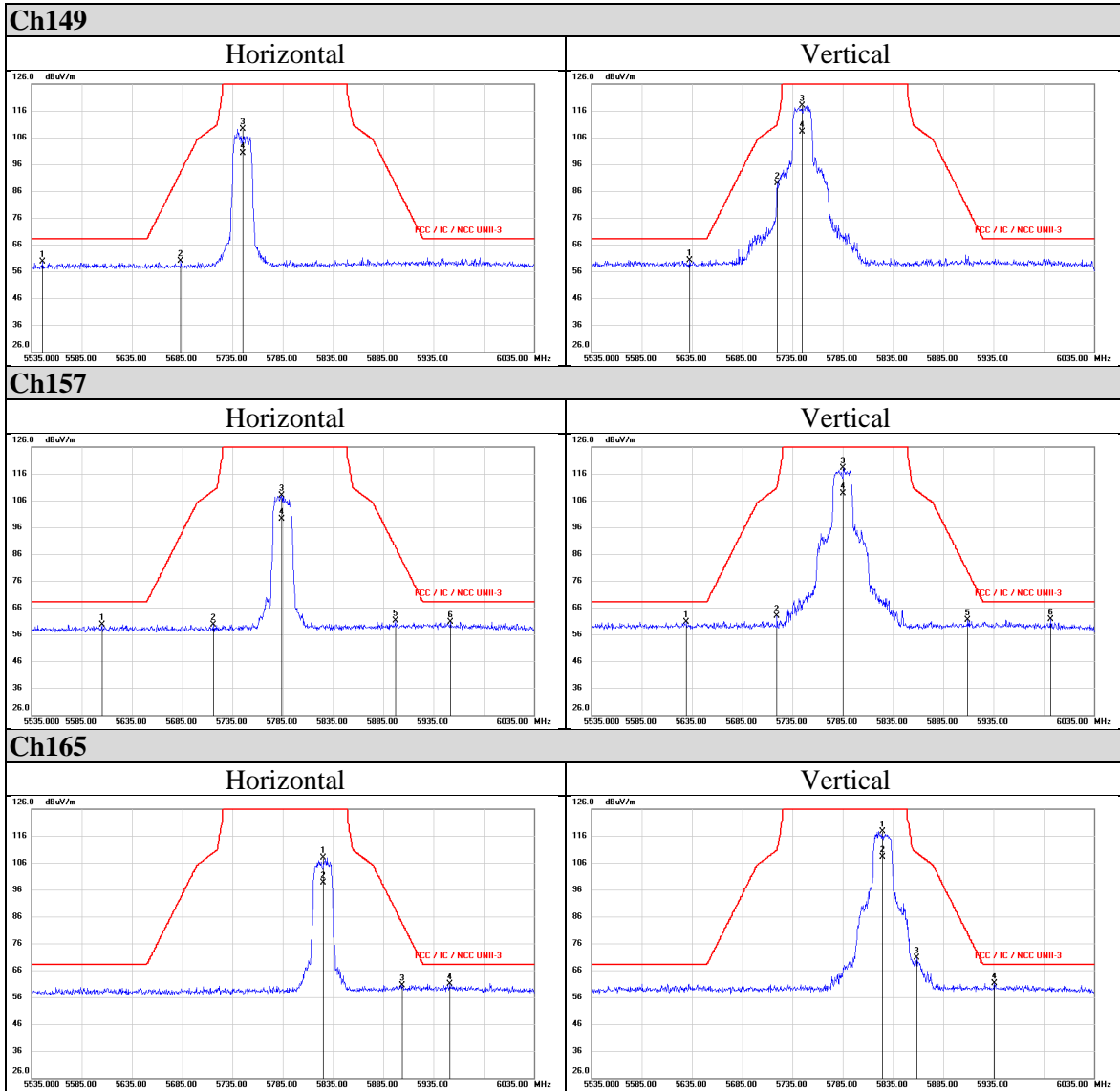
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Doc No: 17-EM-F0878 / 5.0



**Underwriters Laboratories Taiwan Co., Ltd.**

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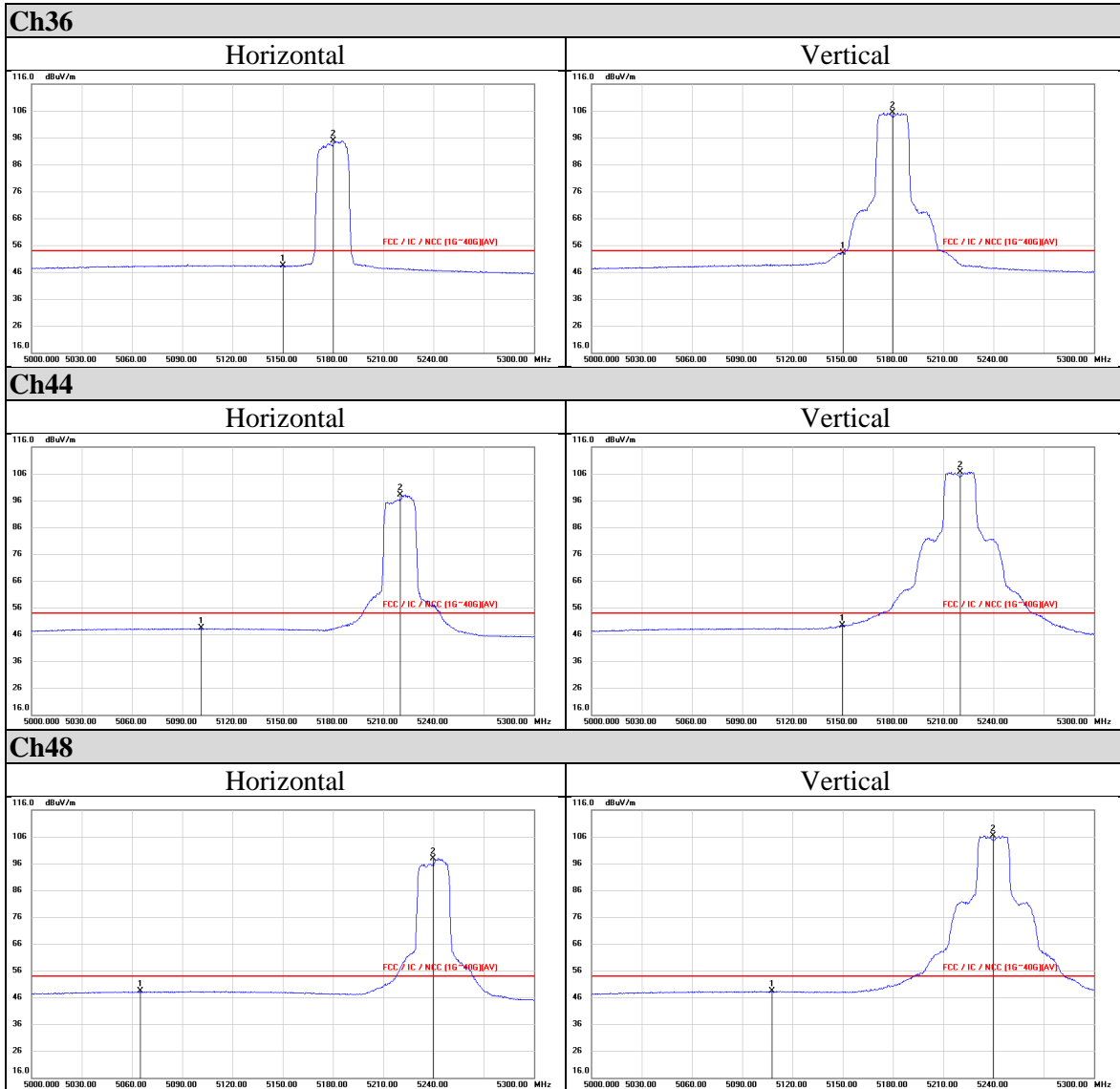
Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948





Average



**Underwriters Laboratories Taiwan Co., Ltd.**

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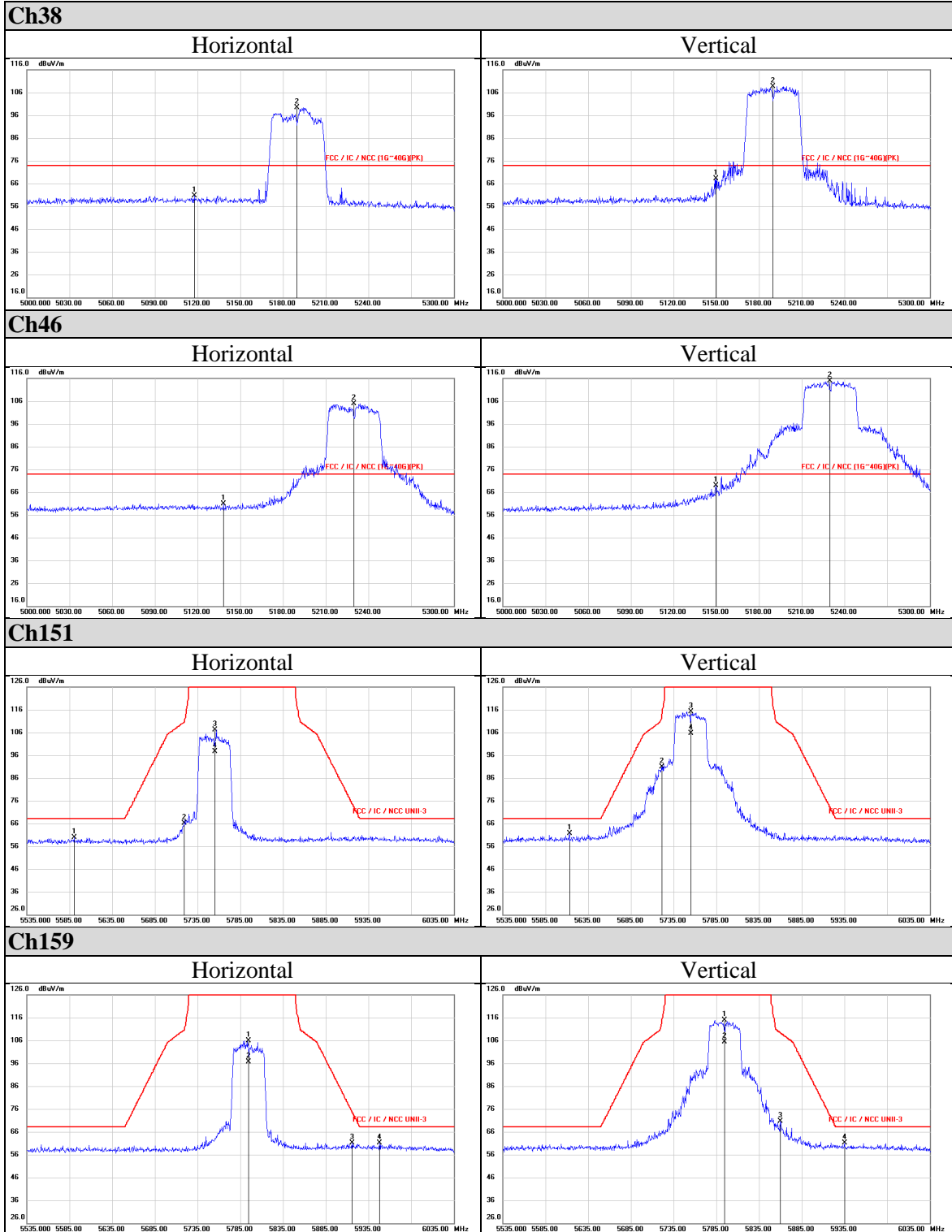
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### 802.11ac (VHT40)

#### Peak



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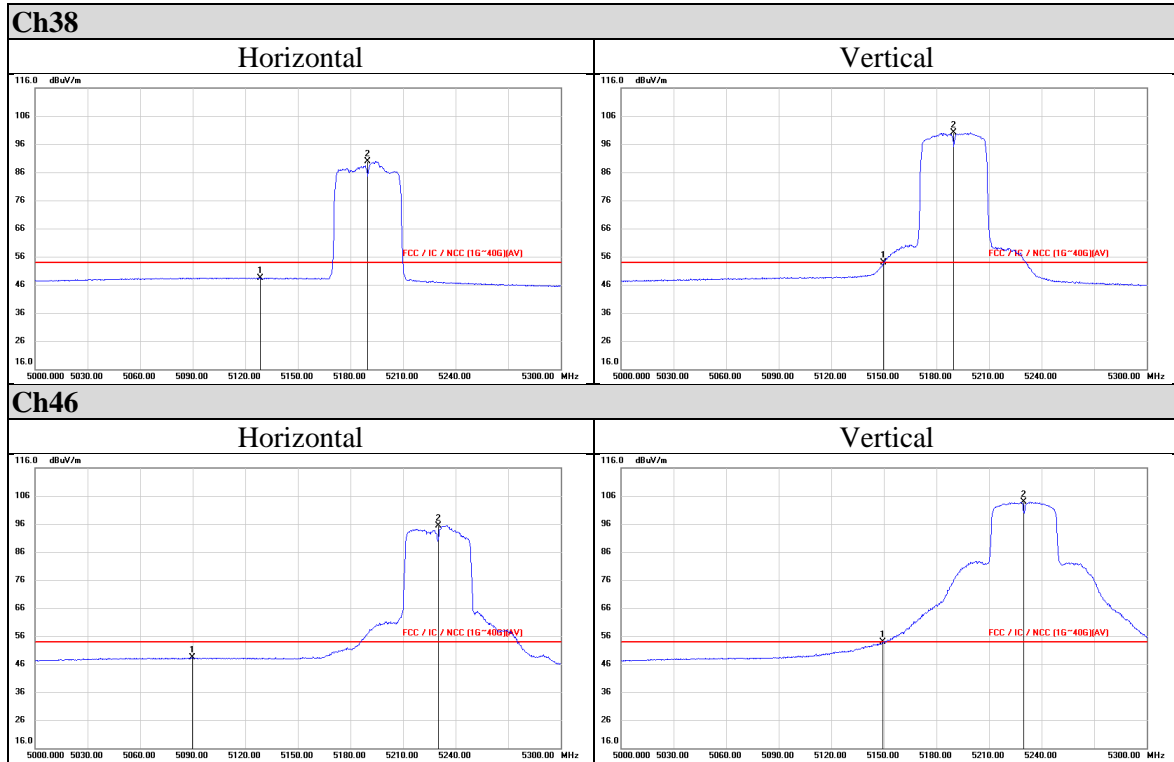
Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Average



**Underwriters Laboratories Taiwan Co., Ltd.**

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

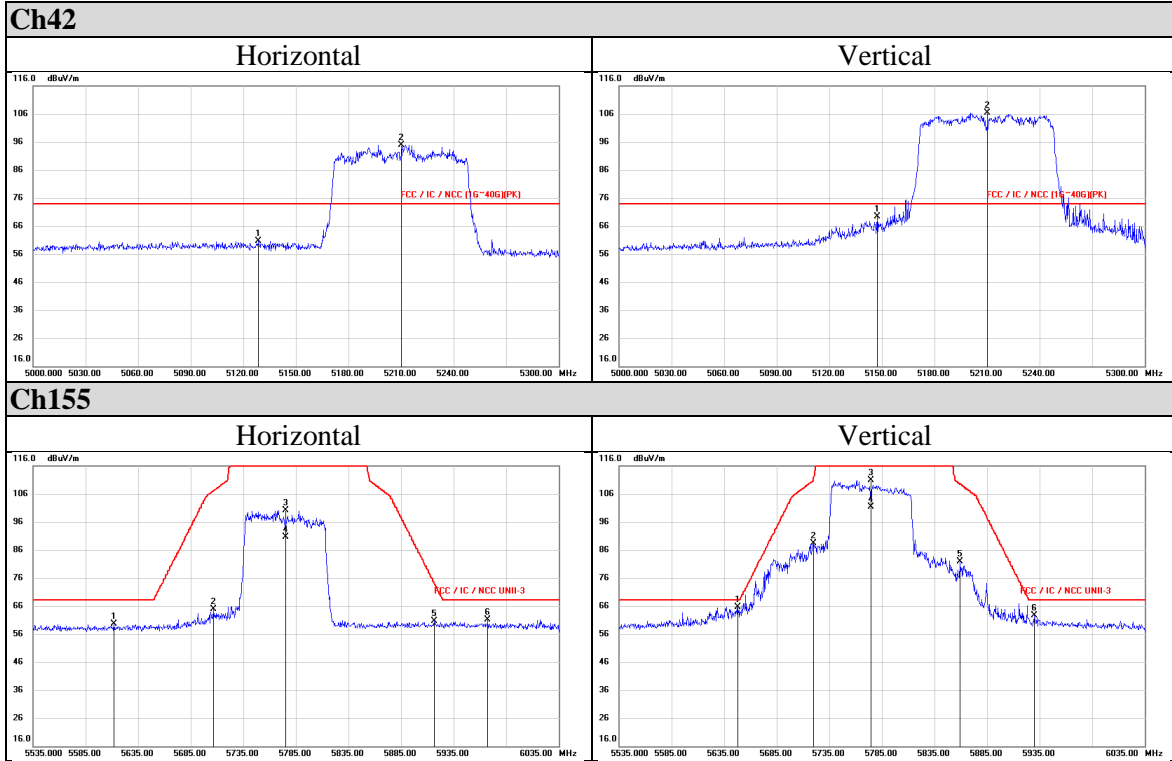
Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

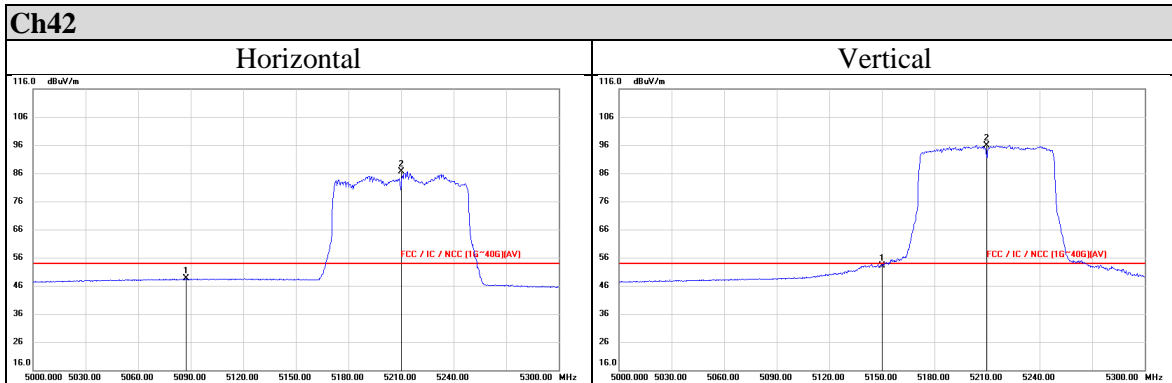


### 802.11ac (VHT80)

#### Peak



#### Average

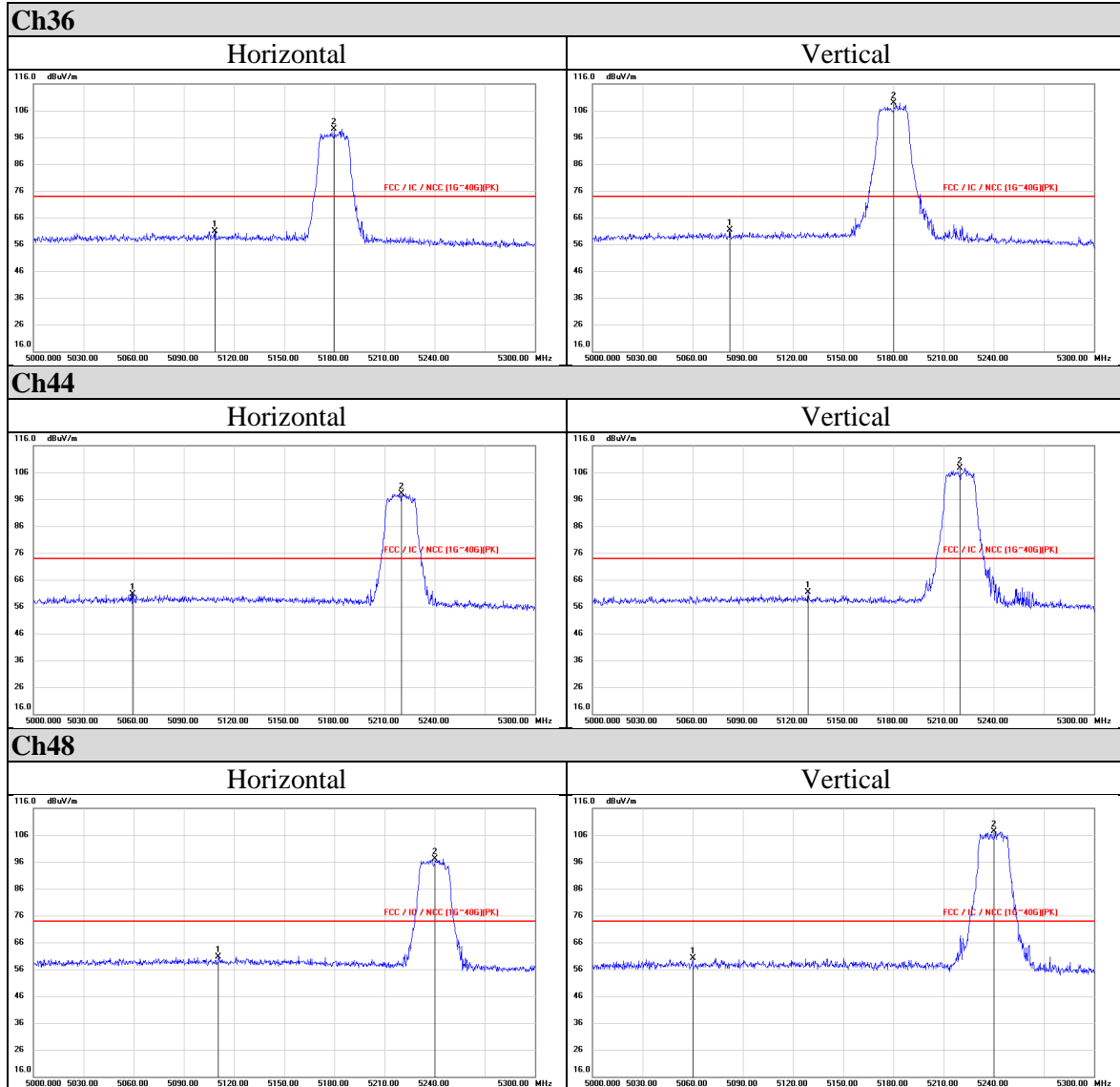




### Beamforming Mode

### 802.11ac (VHT20)

### Peak

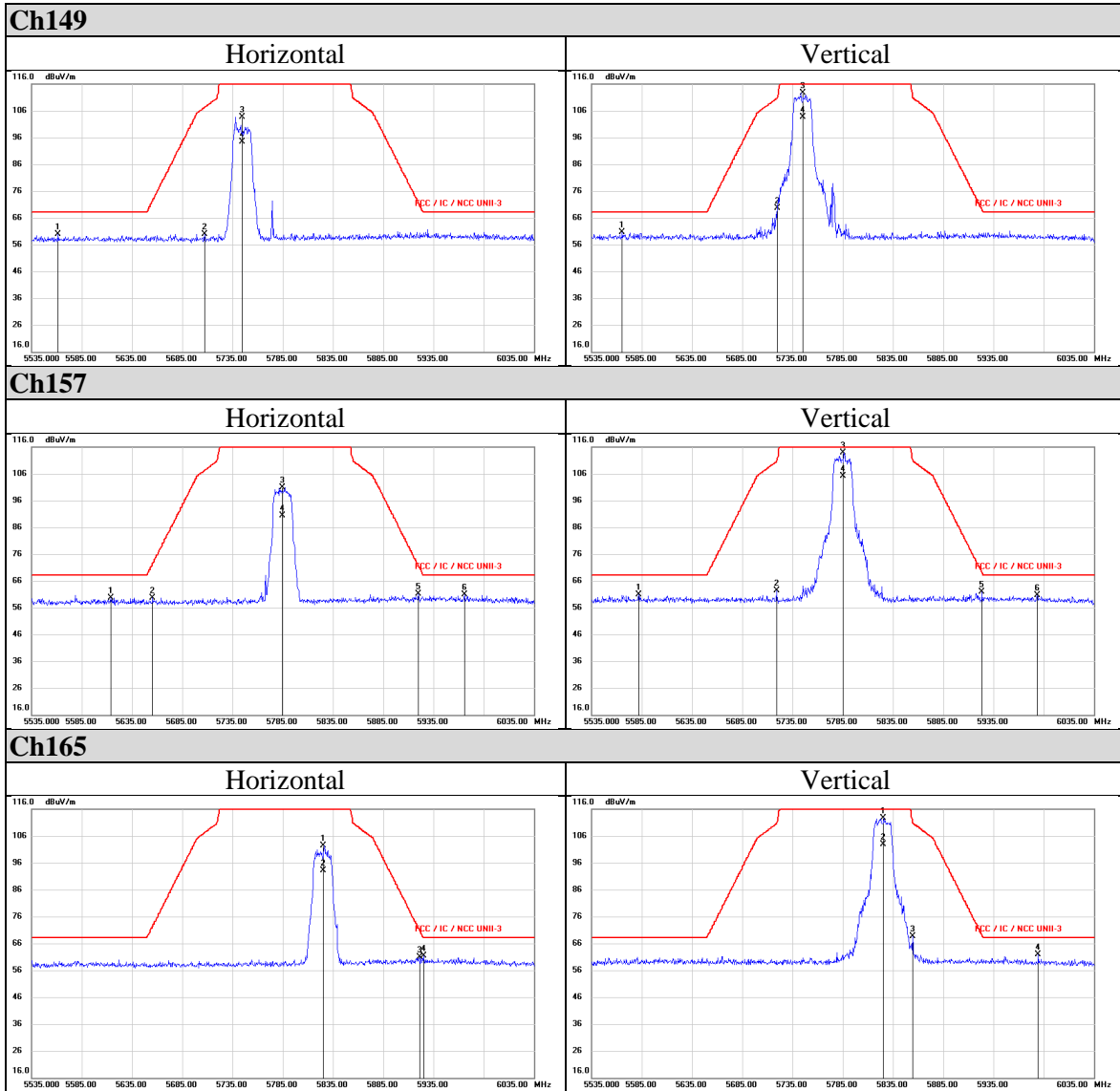


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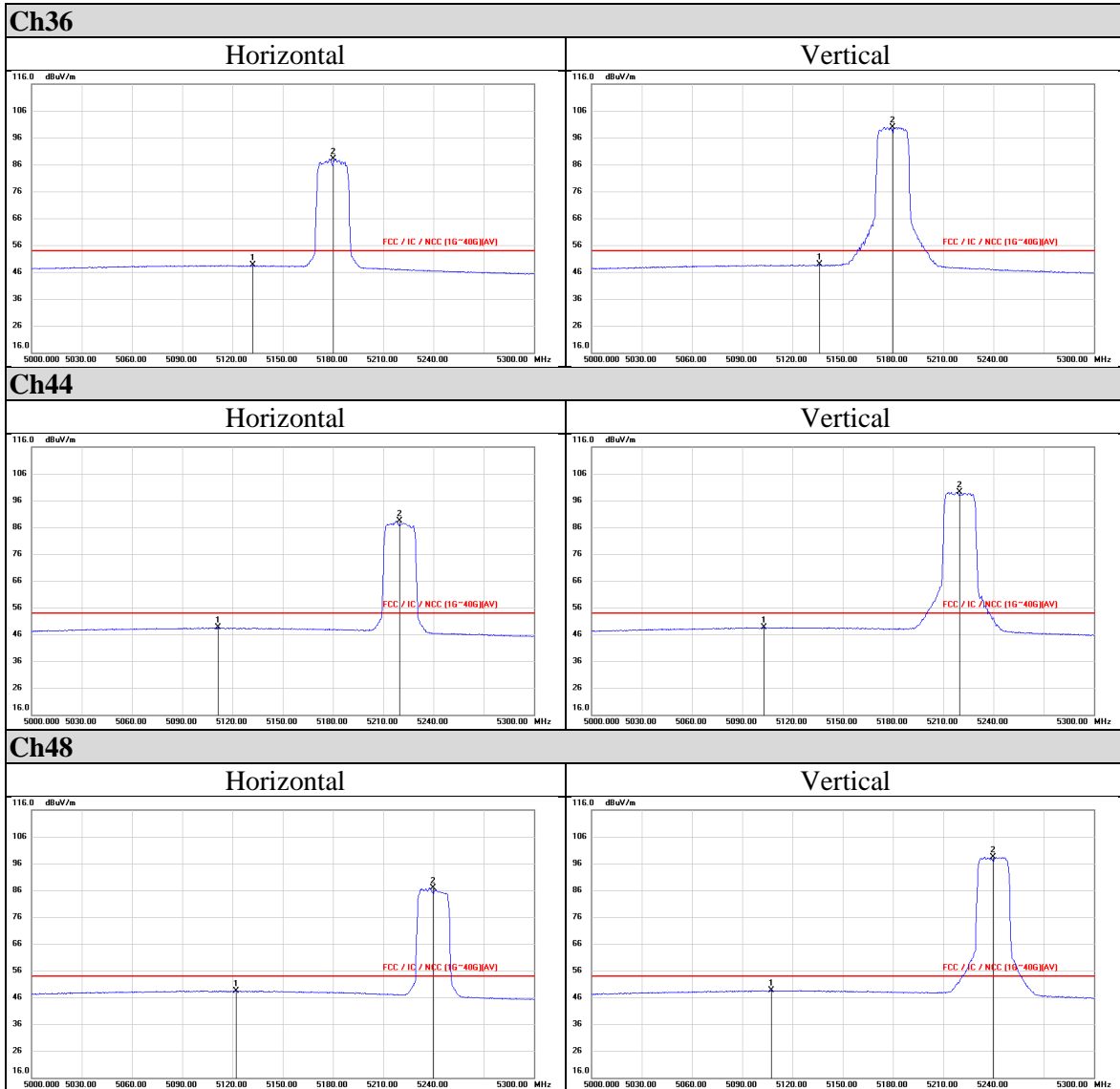
Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948





Average



**Underwriters Laboratories Taiwan Co., Ltd.**

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

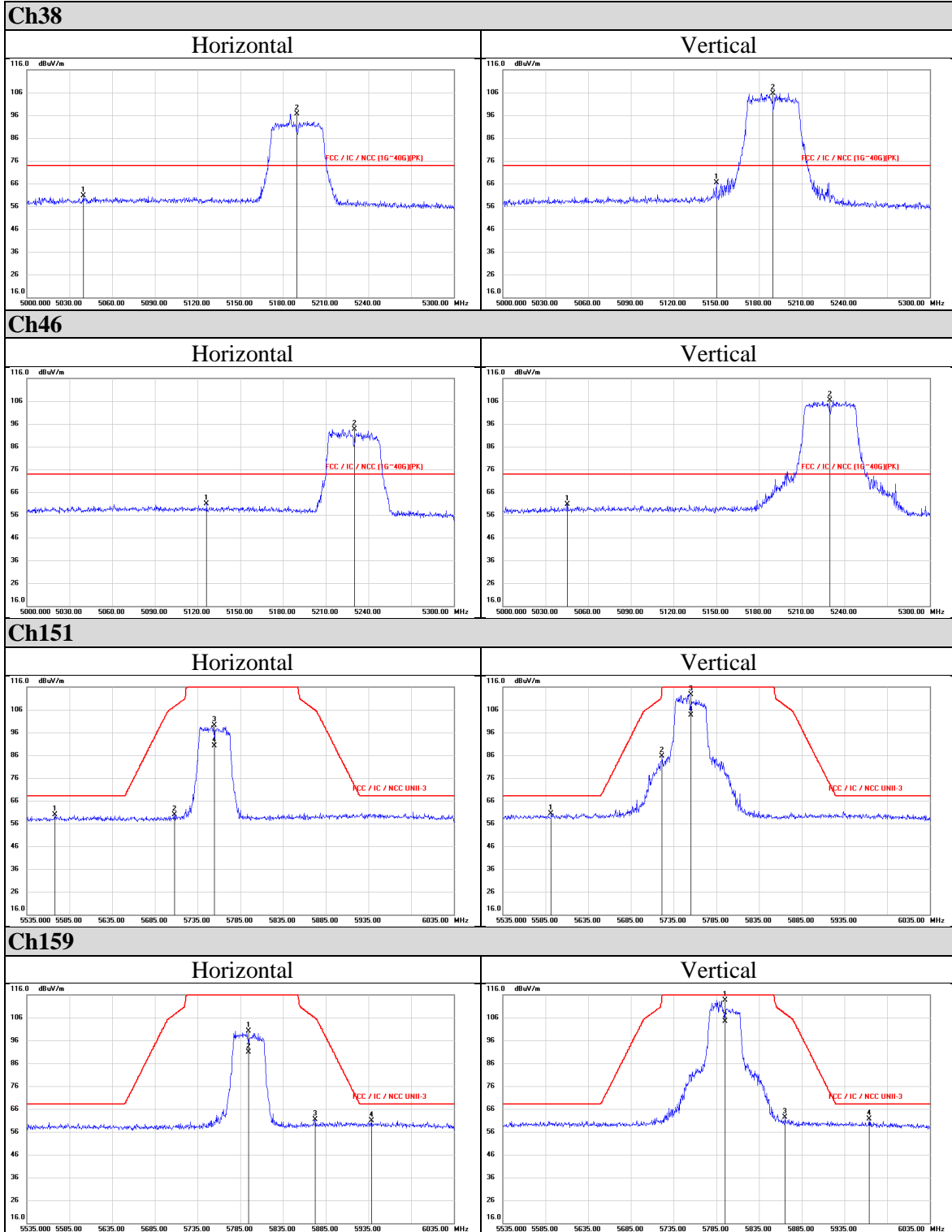
Facsimile (FAX) : +886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



### 802.11ac (VHT40)

#### Peak



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Telephone : +886-2-7737-3000

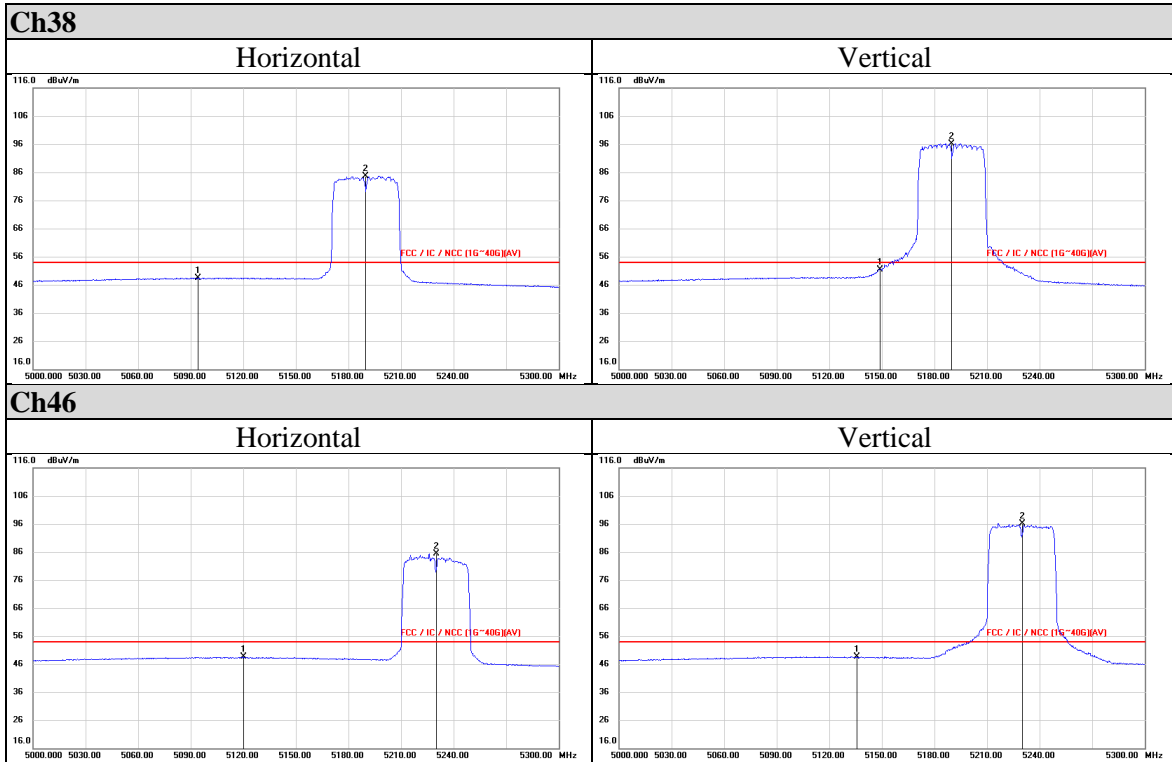
Facsimile (FAX) : +886-3-583-7948

Doc No: 17-EM-F0878 / 5.0





Average



**Underwriters Laboratories Taiwan Co., Ltd.**

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

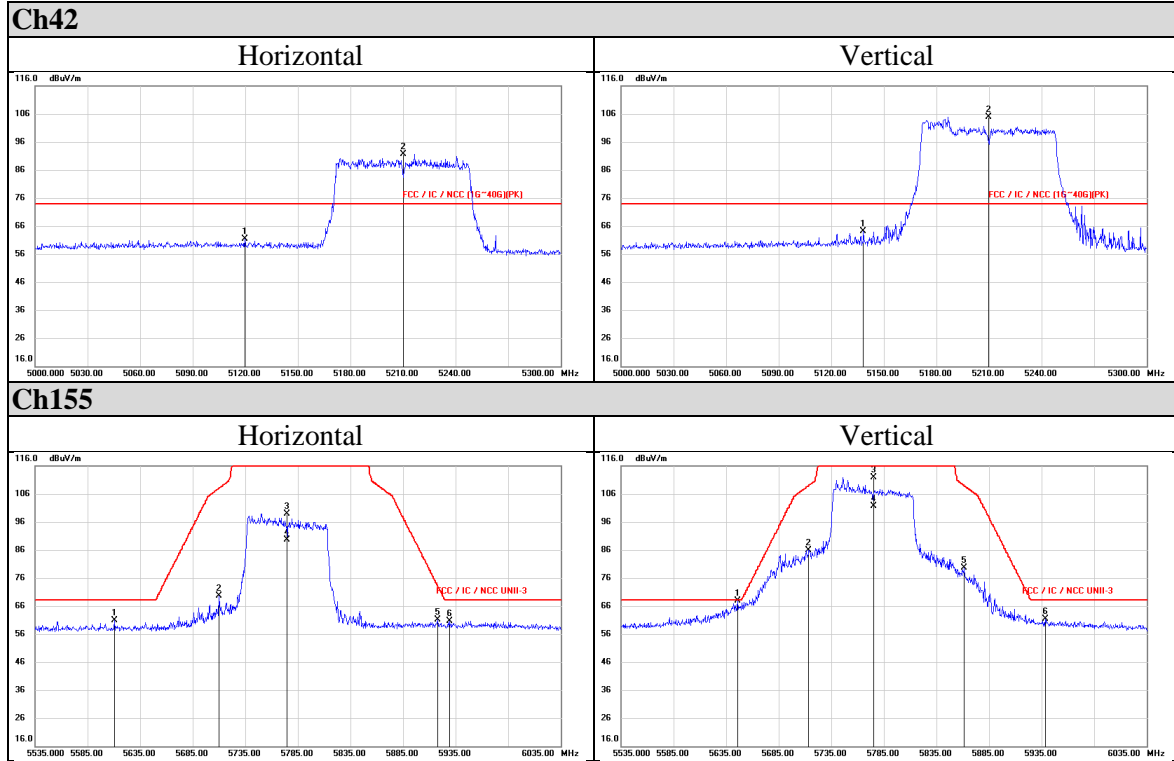
Telephone : +886-2-7737-3000

Facsimile (FAX ) : +886-3-583-7948

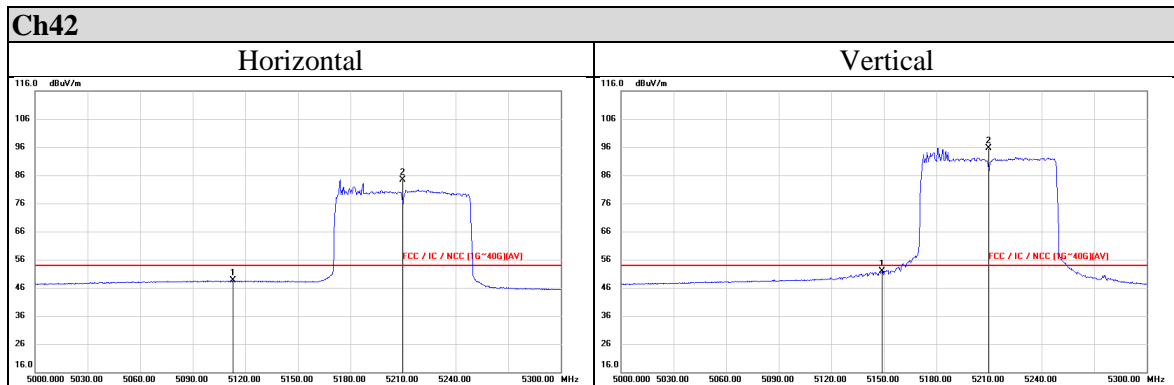


### 802.11ac (VHT80)

#### Peak



#### Average



### Underwriters Laboratories Taiwan Co., Ltd.

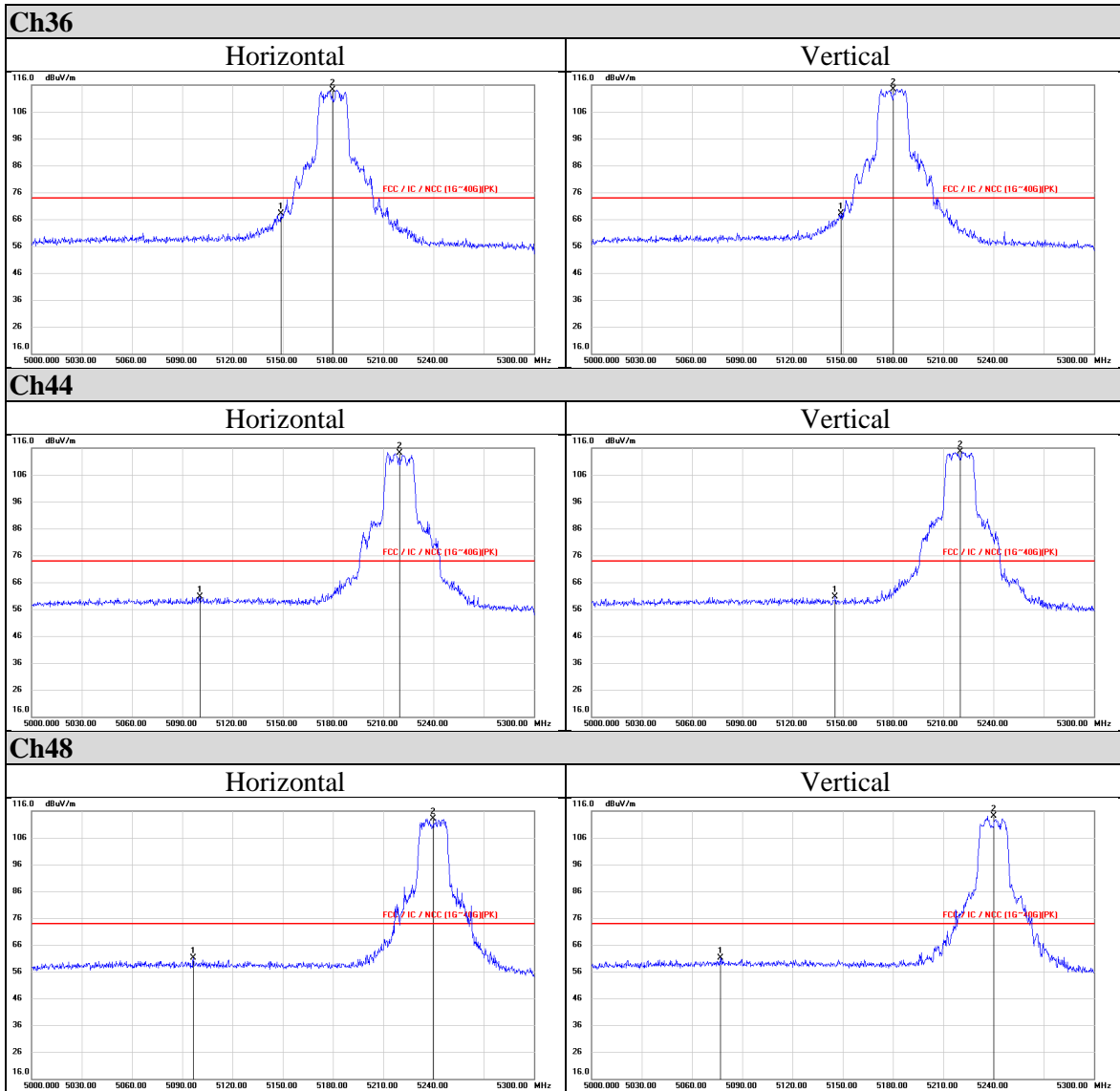
Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

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Facsimile (FAX) : +886-3-583-7948



**Model: VigorAP 1000C**  
**Non-Beamforming Mode**  
**802.11a**  
**Peak**

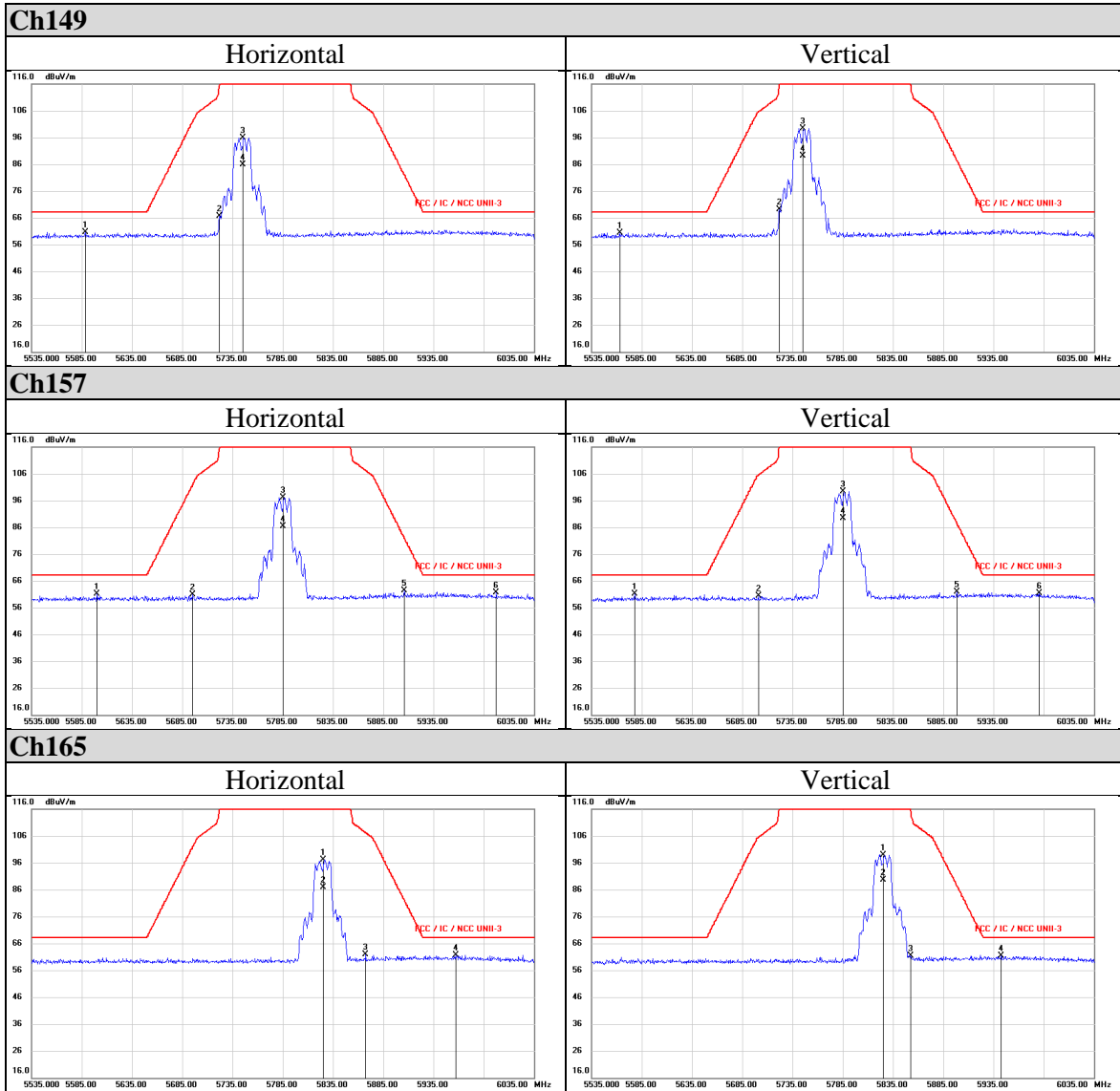


**Underwriters Laboratories Taiwan Co., Ltd.**

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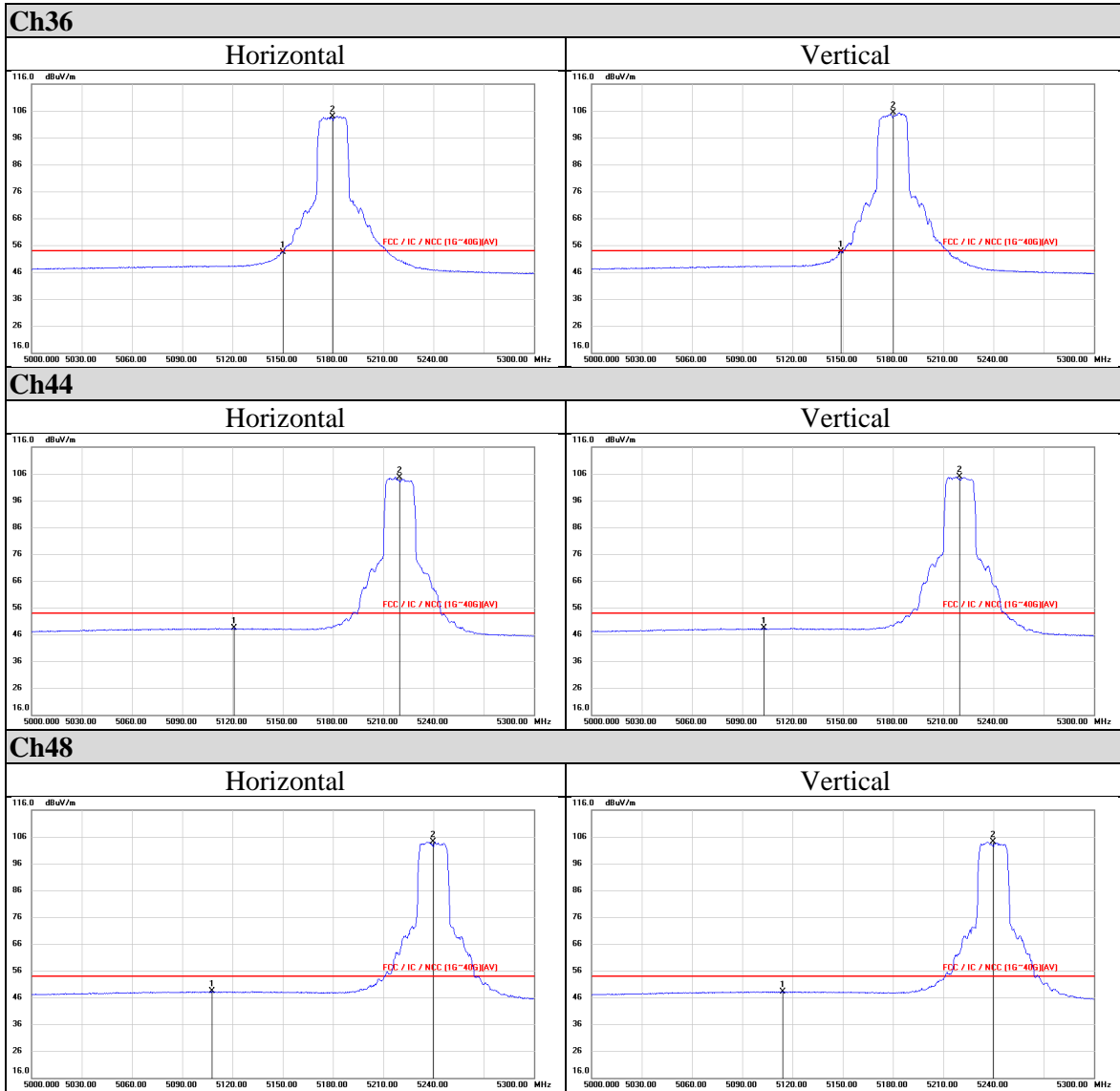
Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948





Average



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Telephone : +886-2-7737-3000

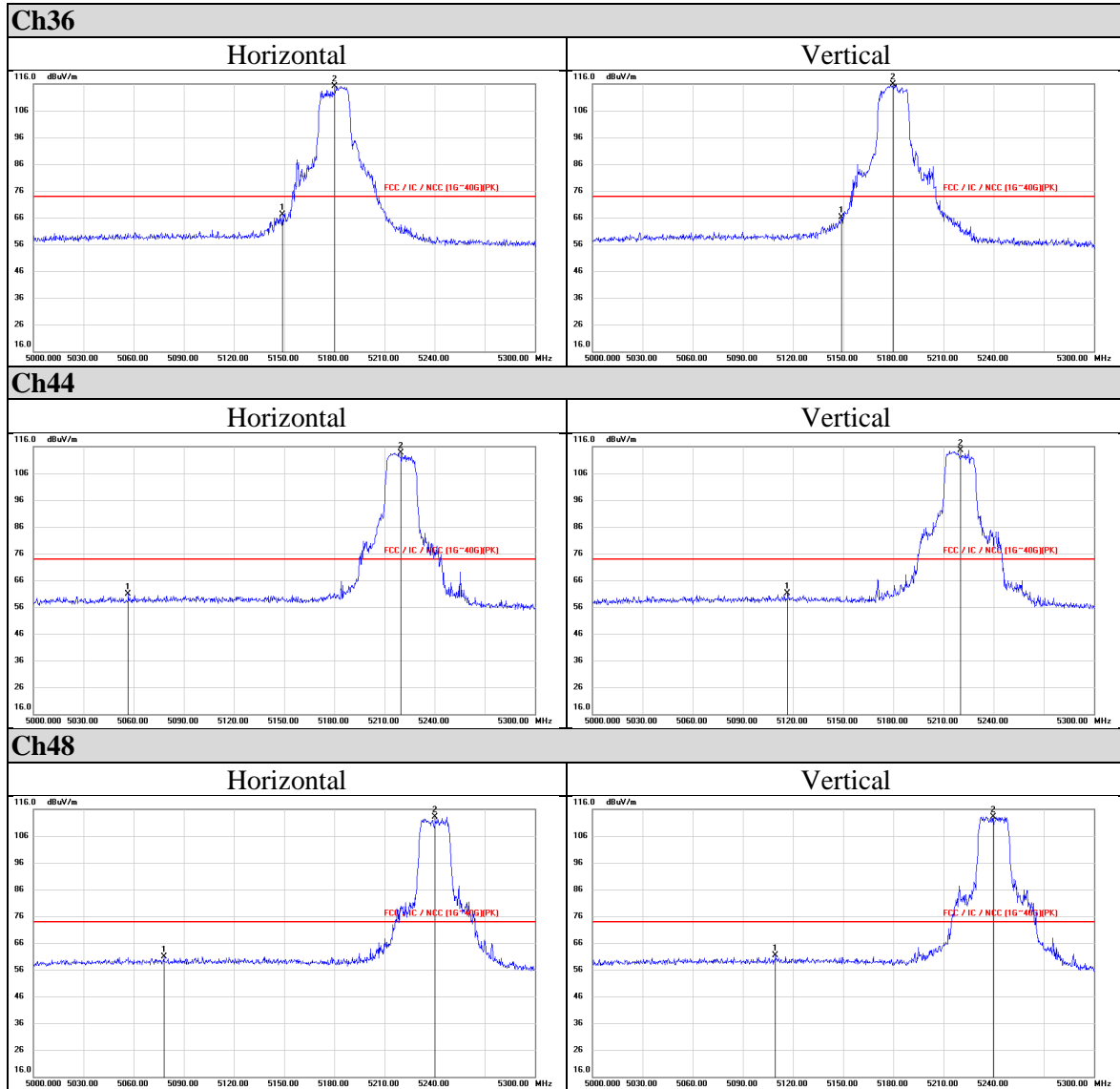
Facsimile (FAX) : +886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



### 802.11ac (VHT20)

#### Peak

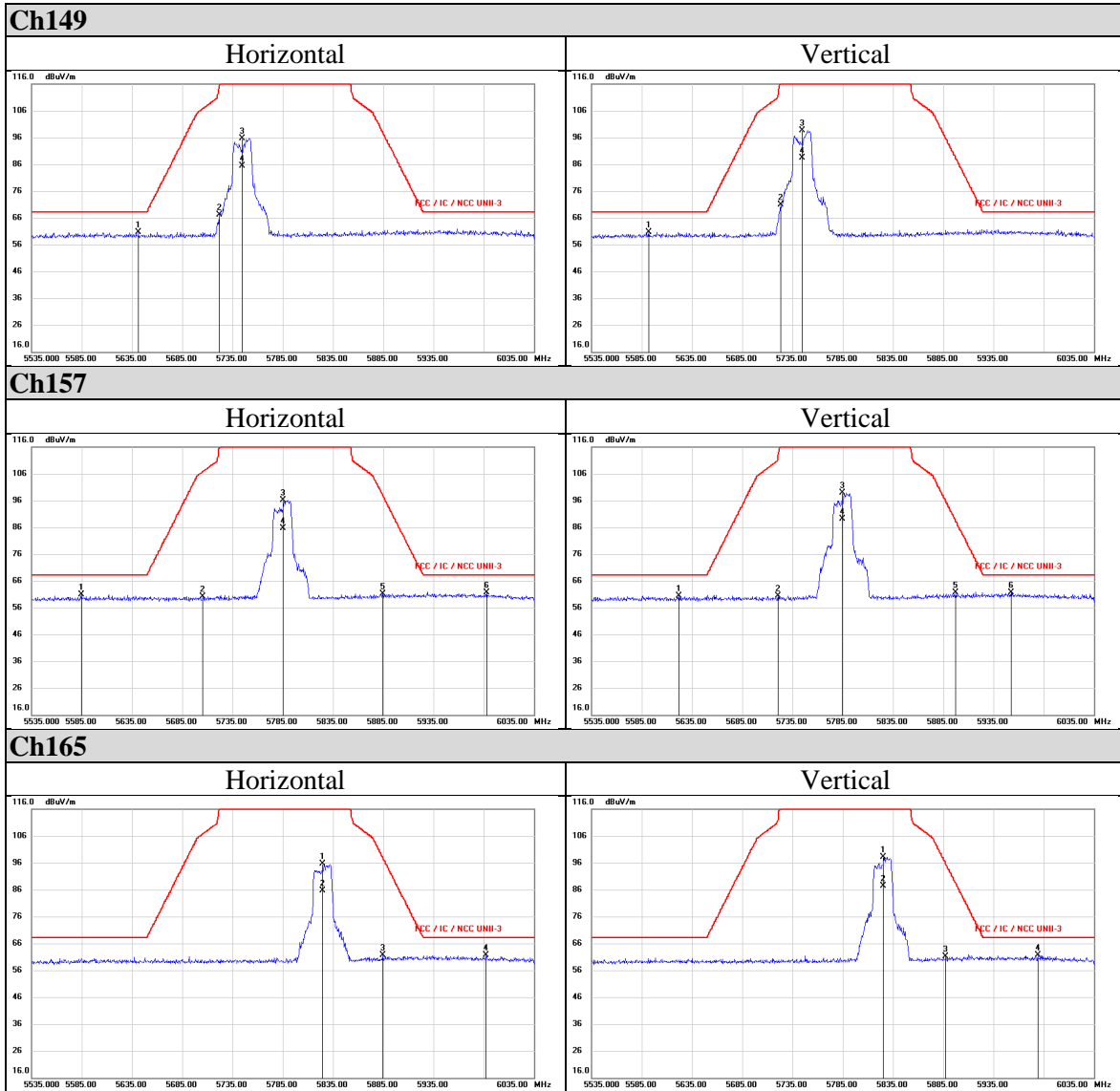


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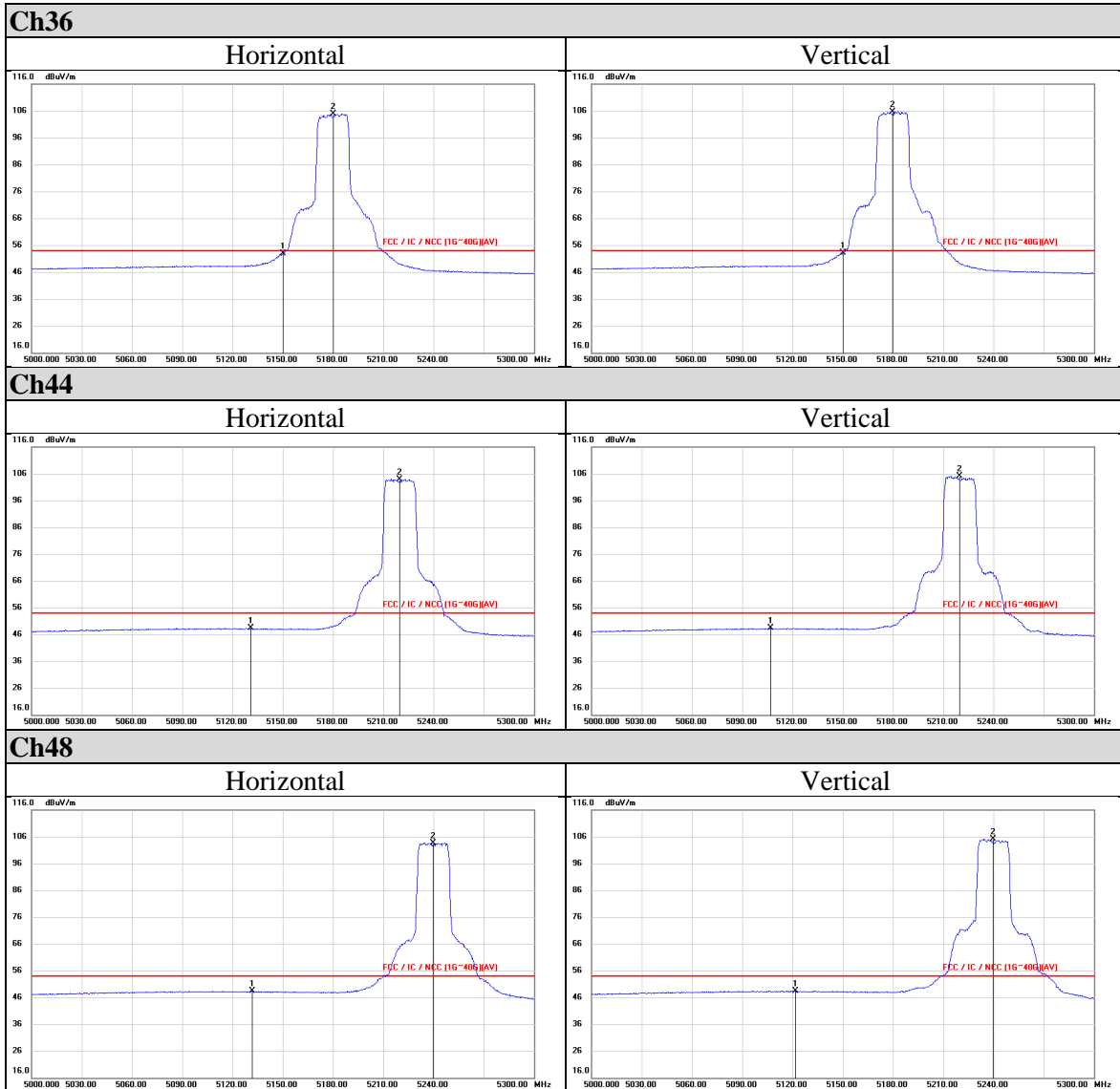
Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948





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Telephone : +886-2-7737-3000

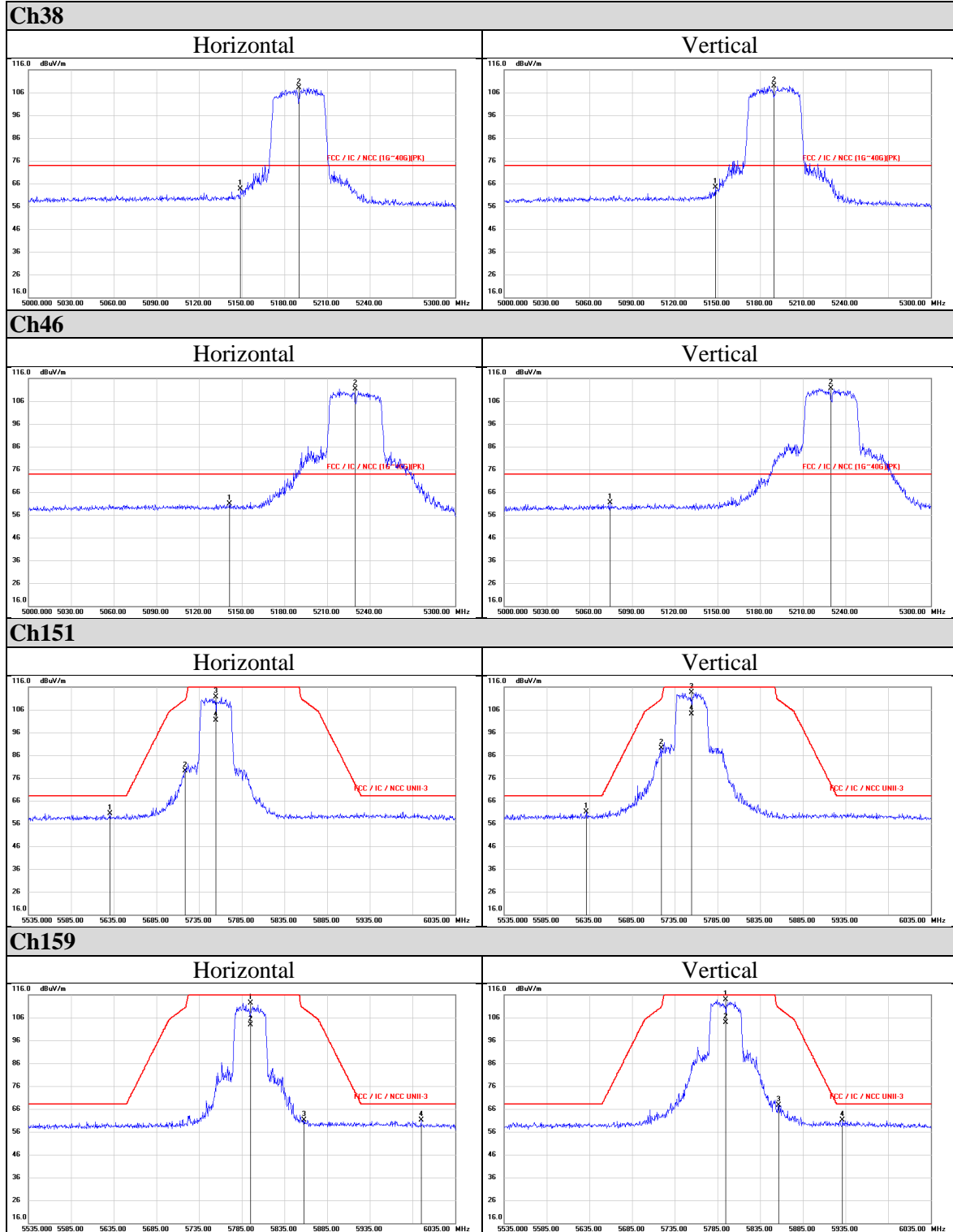
Facsimile (FAX) : +886-3-583-7948





### 802.11ac (VHT40)

#### Peak



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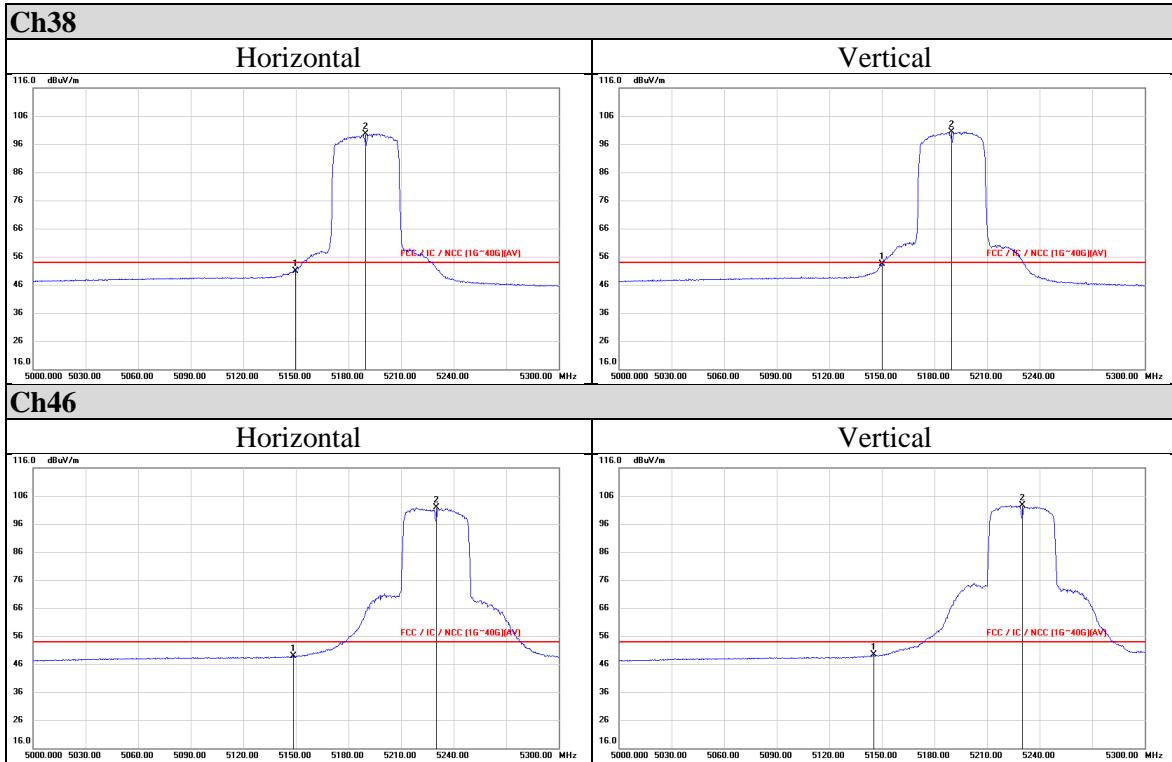
Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

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Average



**Underwriters Laboratories Taiwan Co., Ltd.**

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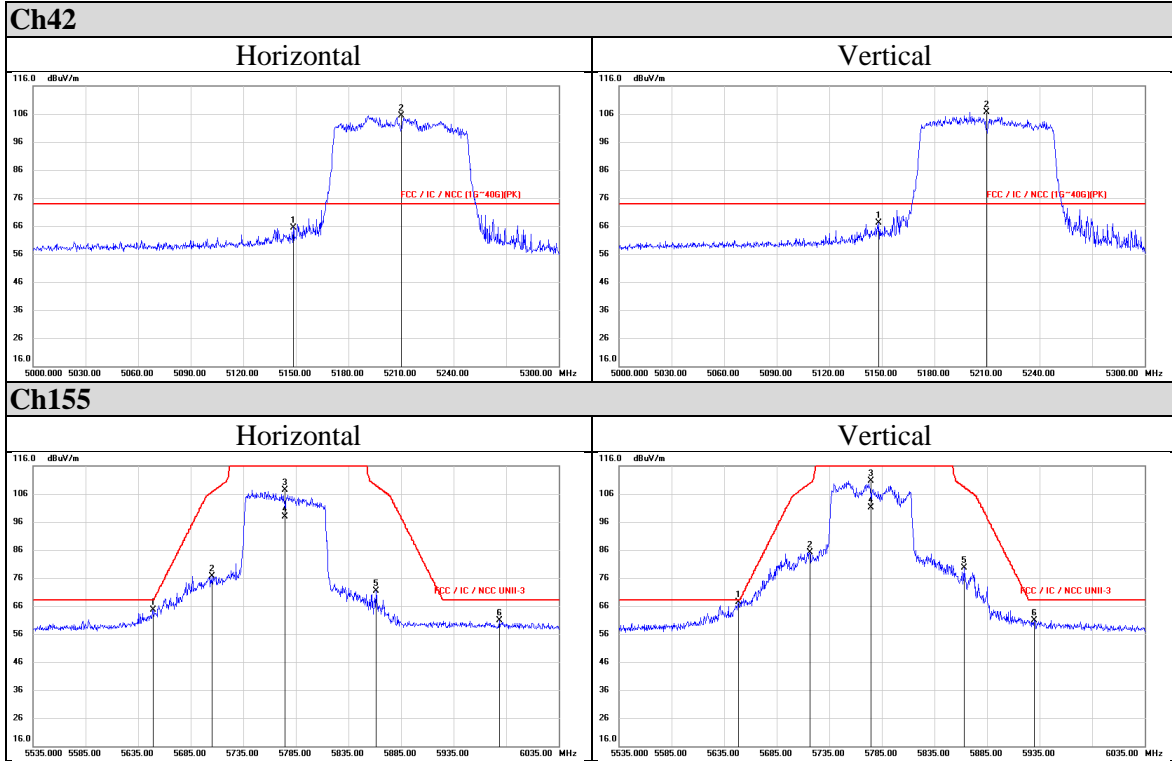
Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

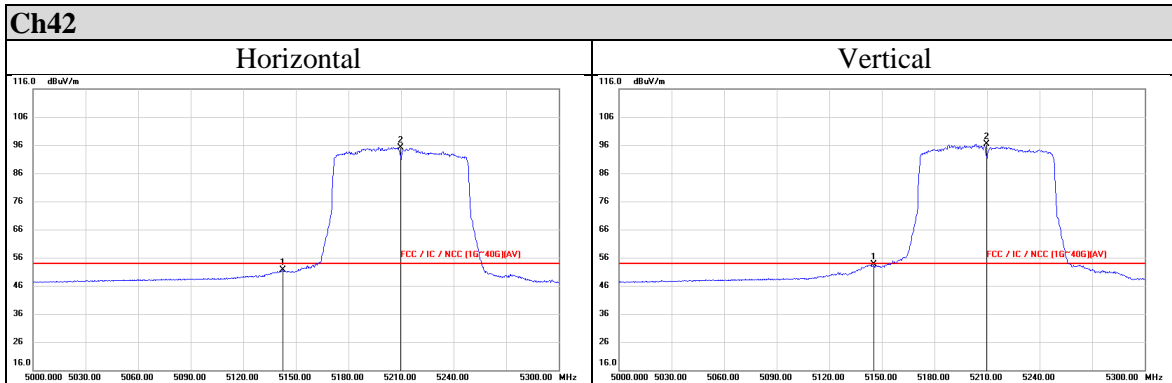


### 802.11ac (VHT80)

#### Peak



#### Average

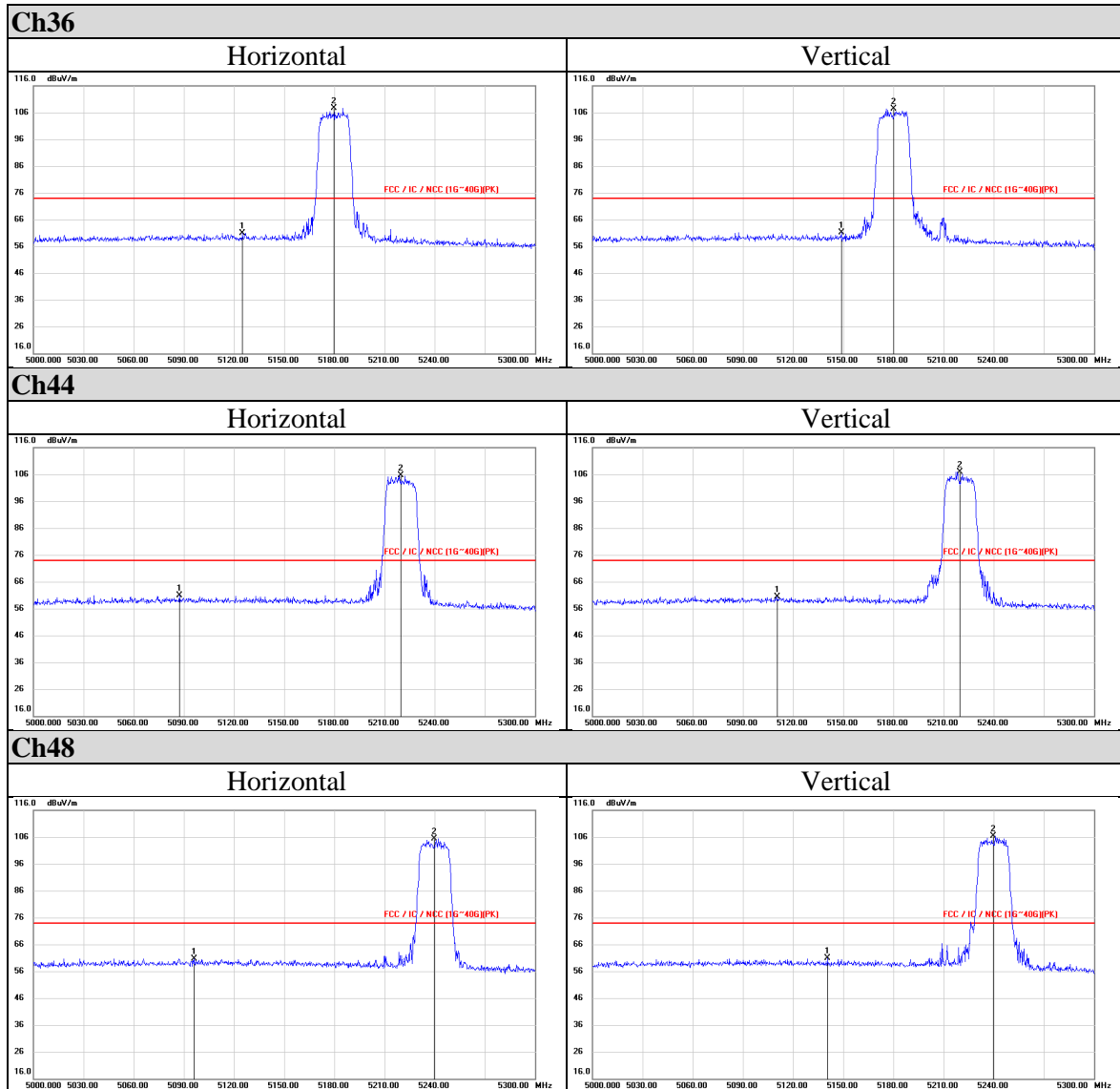


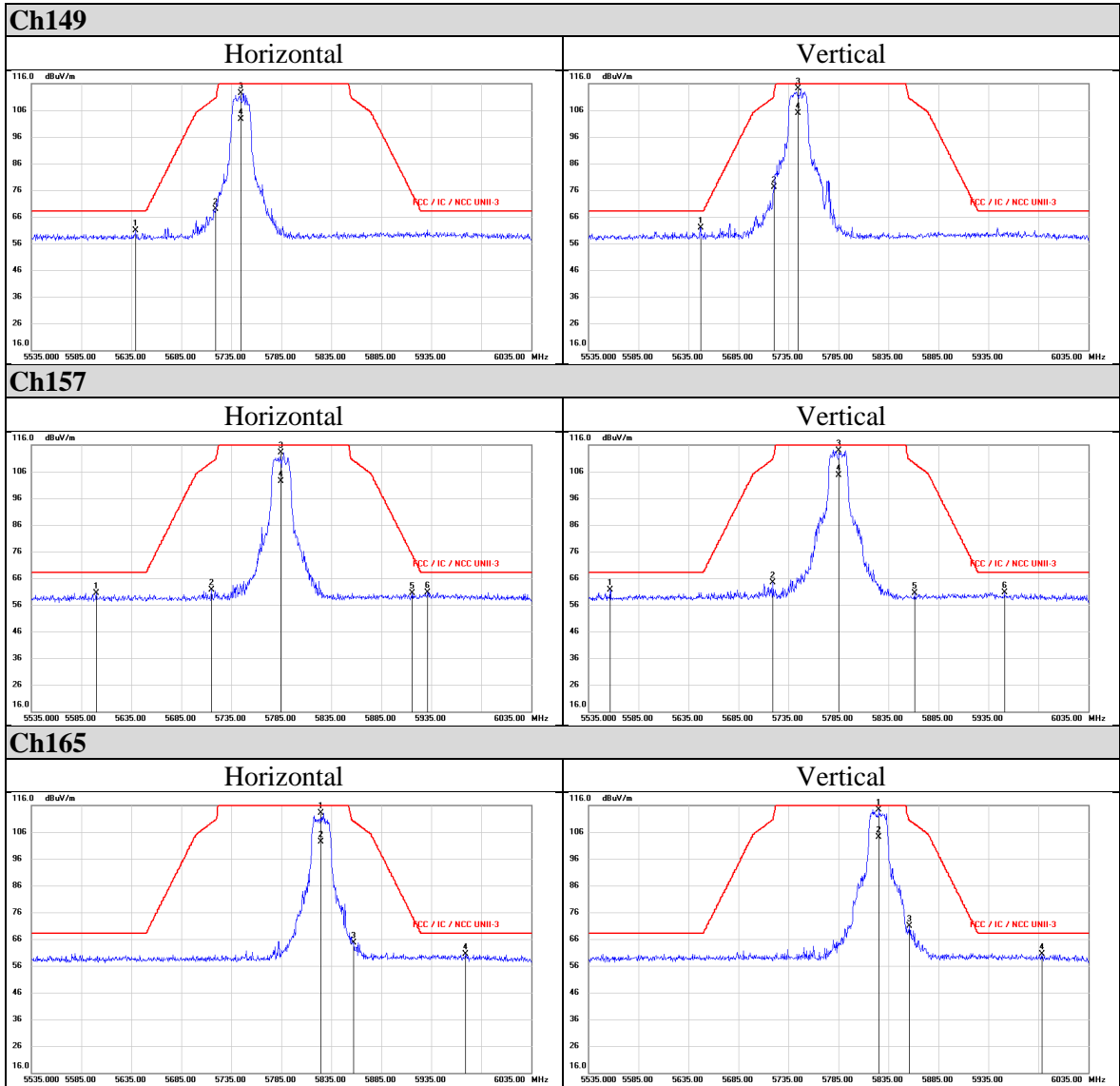


### Beamforming Mode

### 802.11ac (VHT20)

### Peak





**Underwriters Laboratories Taiwan Co., Ltd.**

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

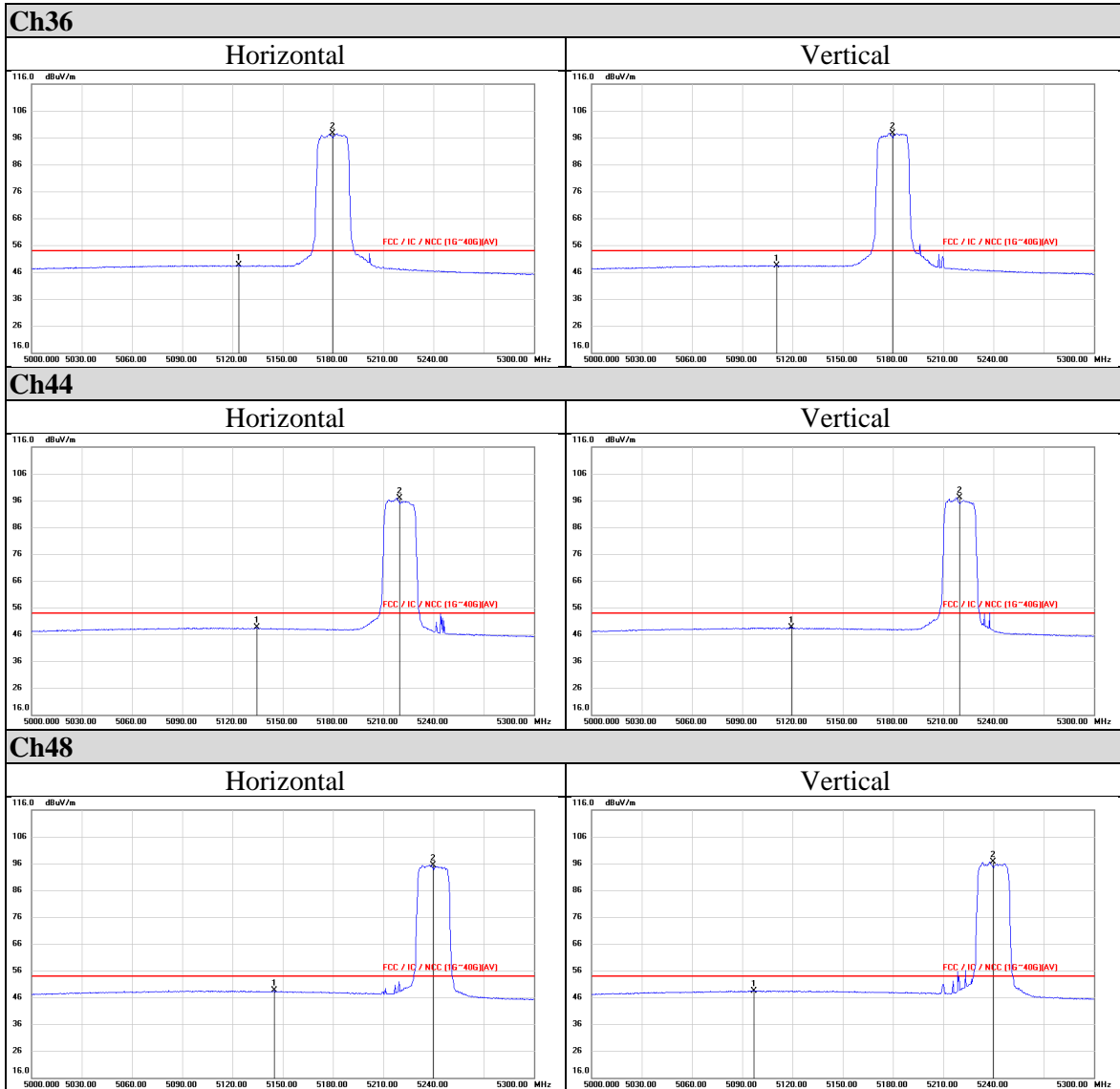
Telephone :+886-2-7737-3000

Facsimile (FAX ) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Average



**Underwriters Laboratories Taiwan Co., Ltd.**

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

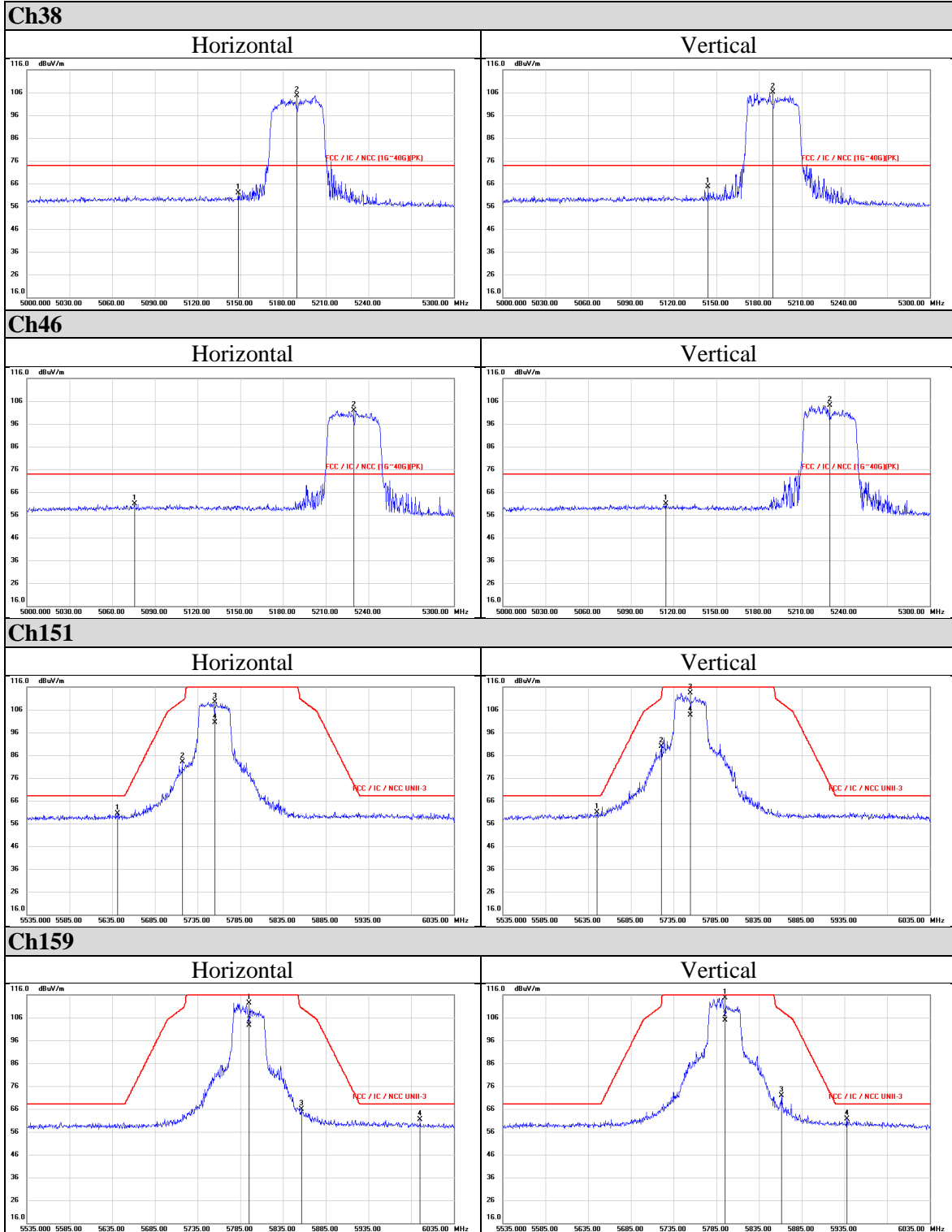
Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948



### 802.11ac (VHT40)

#### Peak



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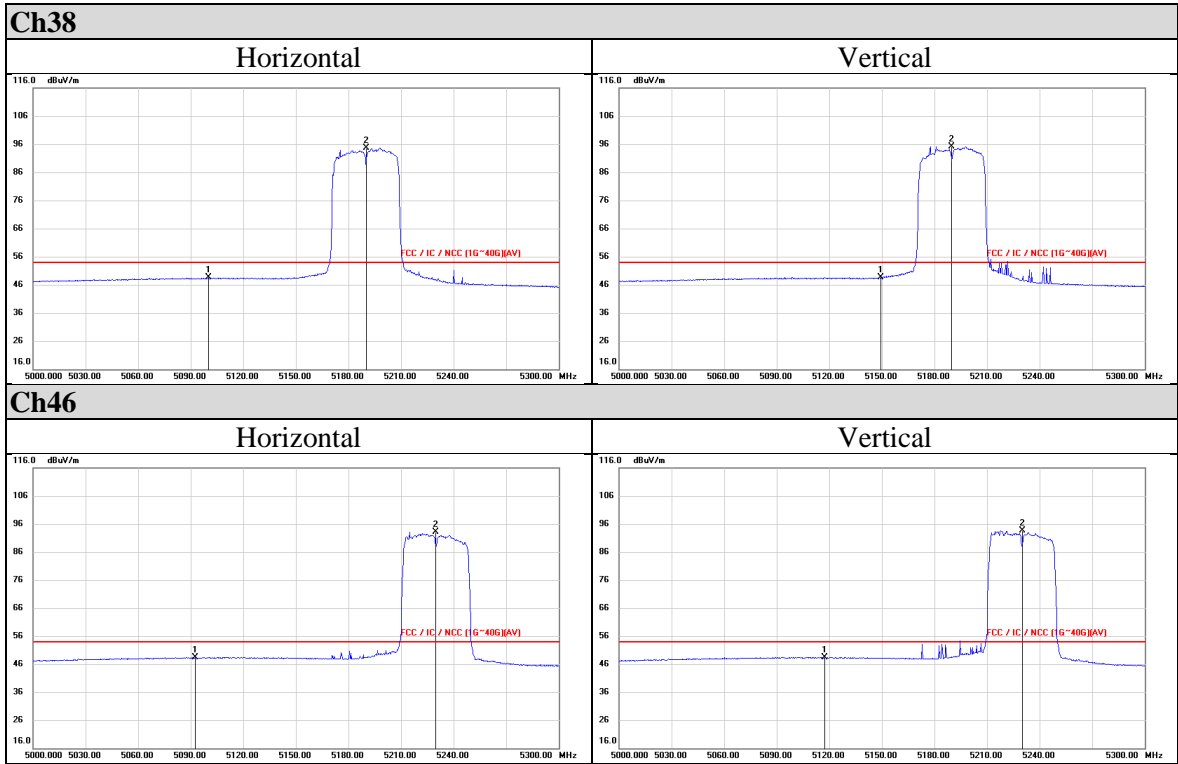
Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Average



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Telephone : +886-2-7737-3000

Facsimile (FAX ) : +886-3-583-7948

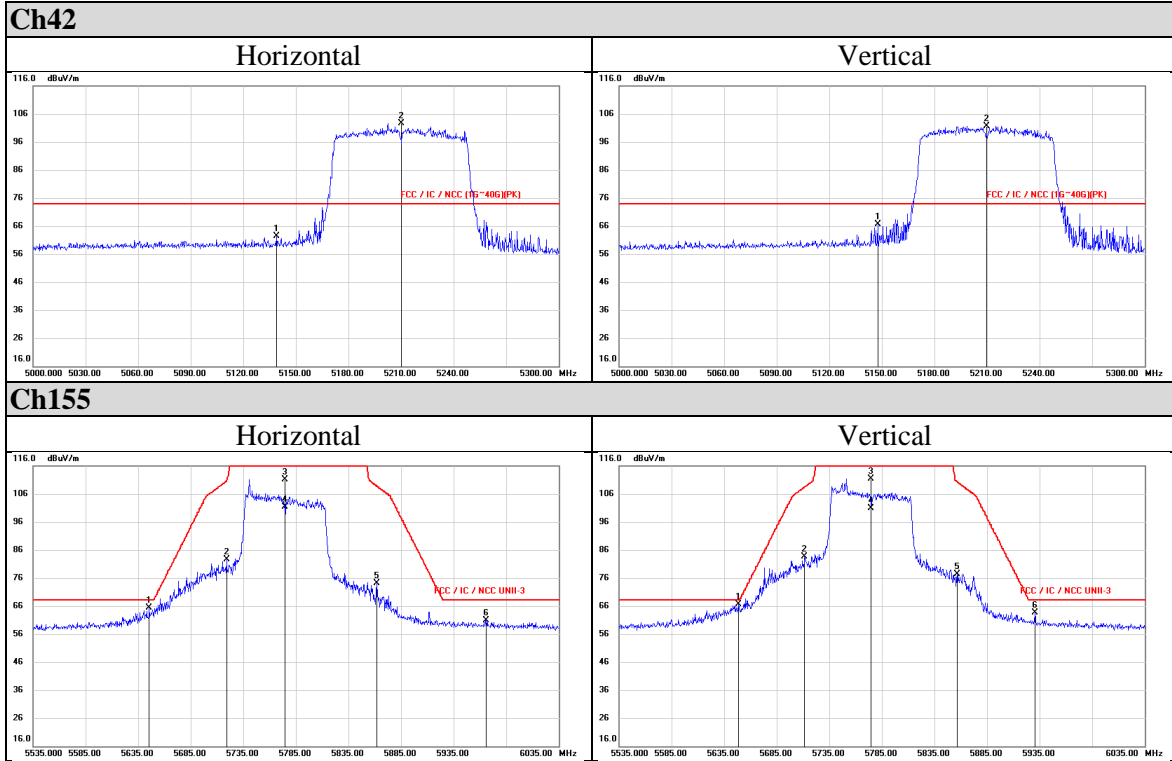
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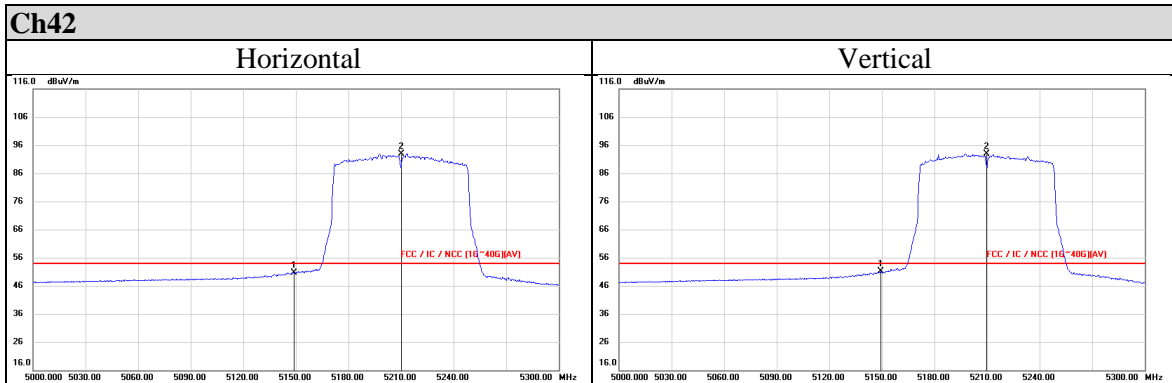


### 802.11ac (VHT80)

#### Peak



#### Average



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Doc No: 17-EM-F0878 / 5.0



## Appendix II Radiated Spurious Emission Measurement

Model: VigorAP 1000

Non-Beamforming Mode

802.11a



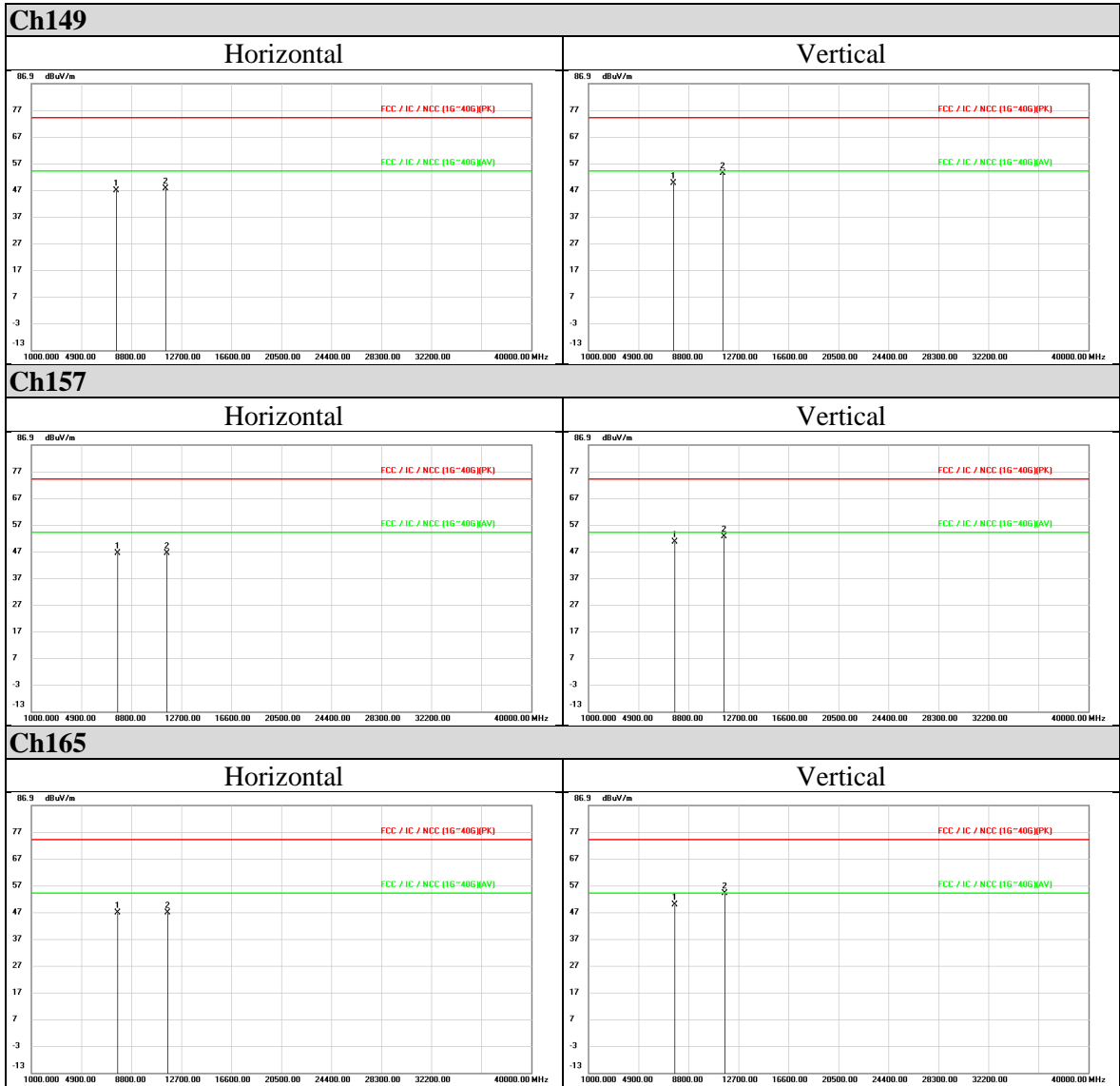
Underwriters Laboratories Taiwan Co., Ltd.

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Facsimile (FAX) : +886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



**Underwriters Laboratories Taiwan Co., Ltd.**

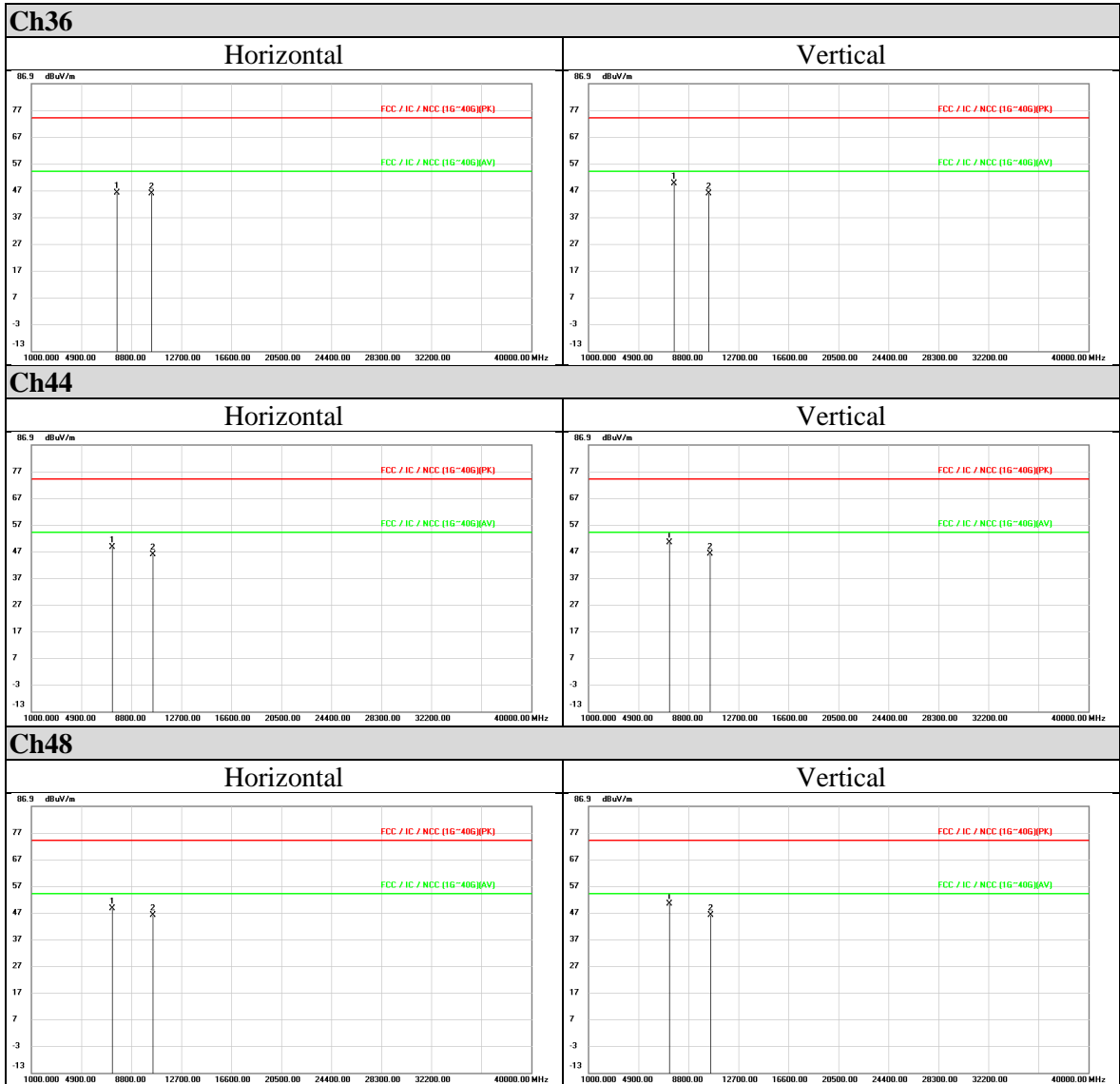
Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

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Facsimile (FAX) : +886-3-583-7948



802.11ac (VHT20)



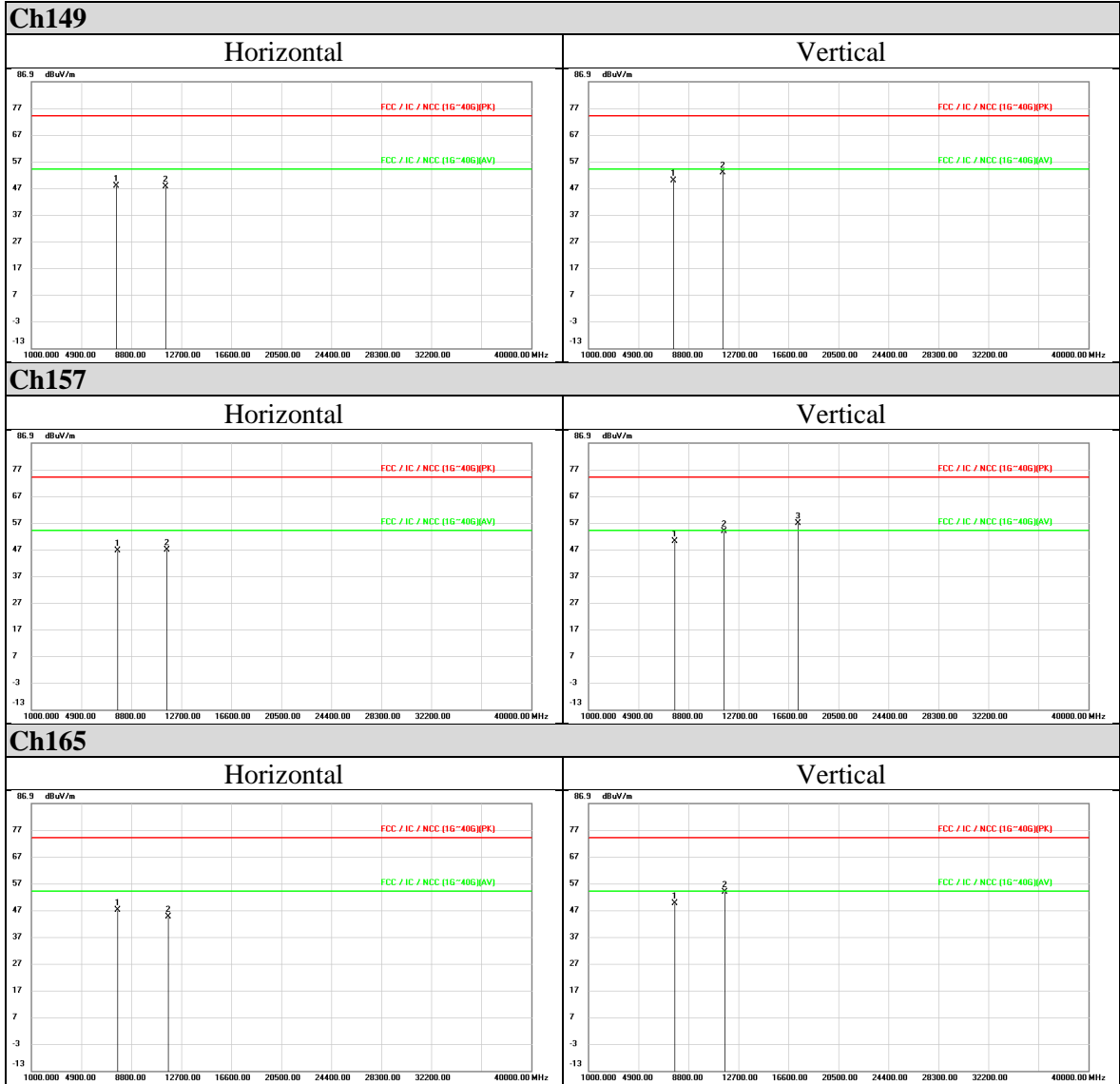
Underwriters Laboratories Taiwan Co., Ltd.

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802.11ac (VHT40)



Underwriters Laboratories Taiwan Co., Ltd.

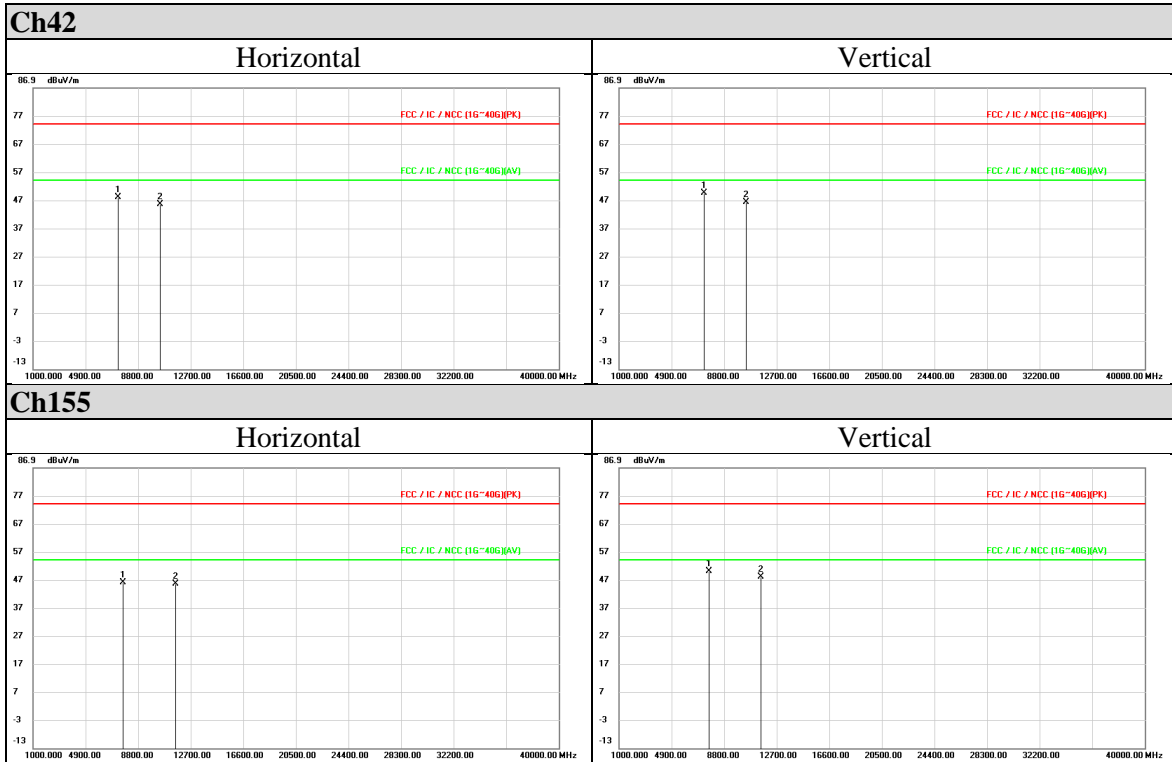
Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

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Facsimile (FAX) : +886-3-583-7948



802.11ac (VHT80)



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### Beamforming Mode

### 802.11ac (VHT20)



### Underwriters Laboratories Taiwan Co., Ltd.

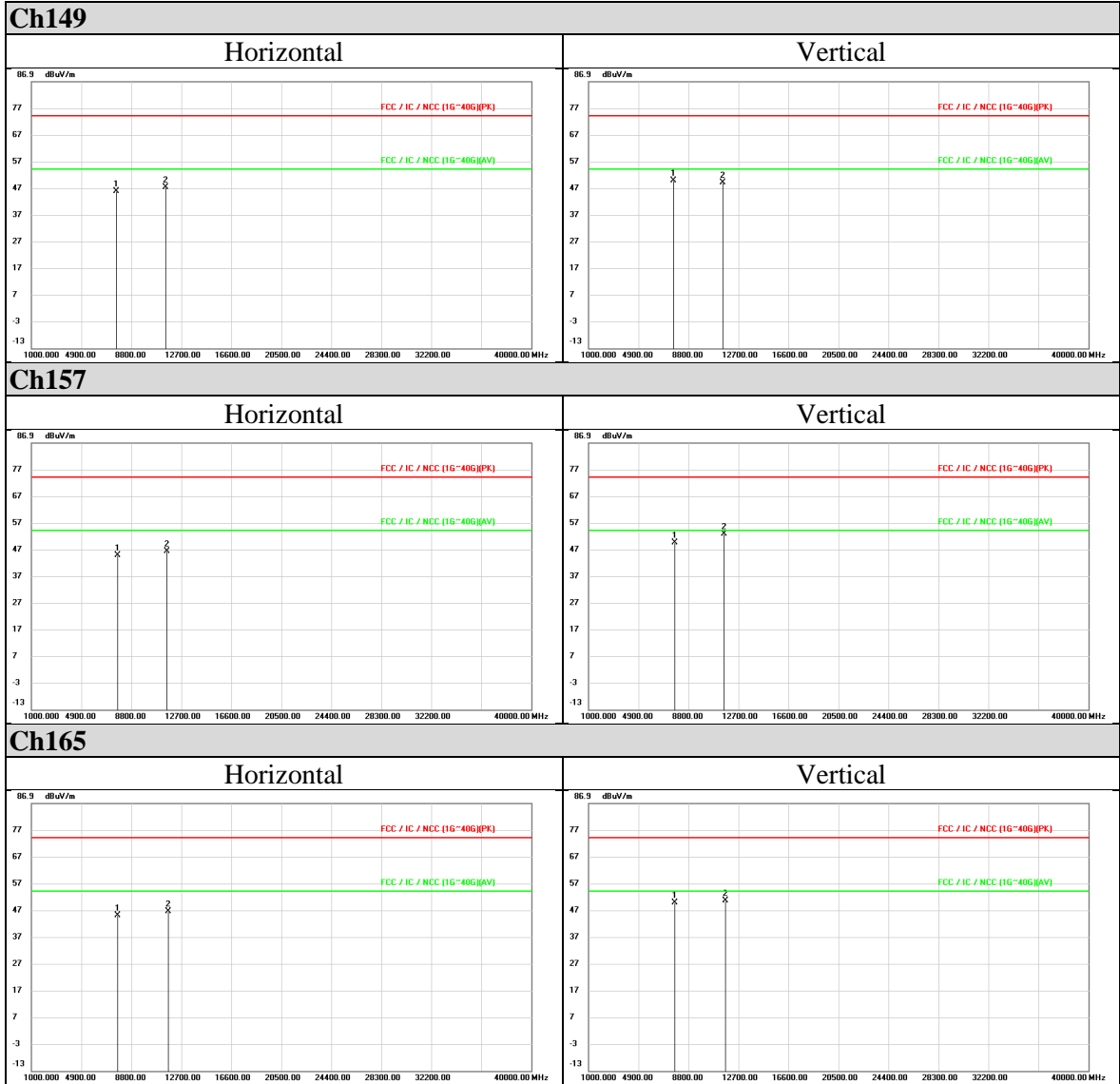
Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

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Facsimile (FAX) : +886-3-583-7948

Doc No: 17-EM-F0878 / 5.0







802.11ac (VHT40)



Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

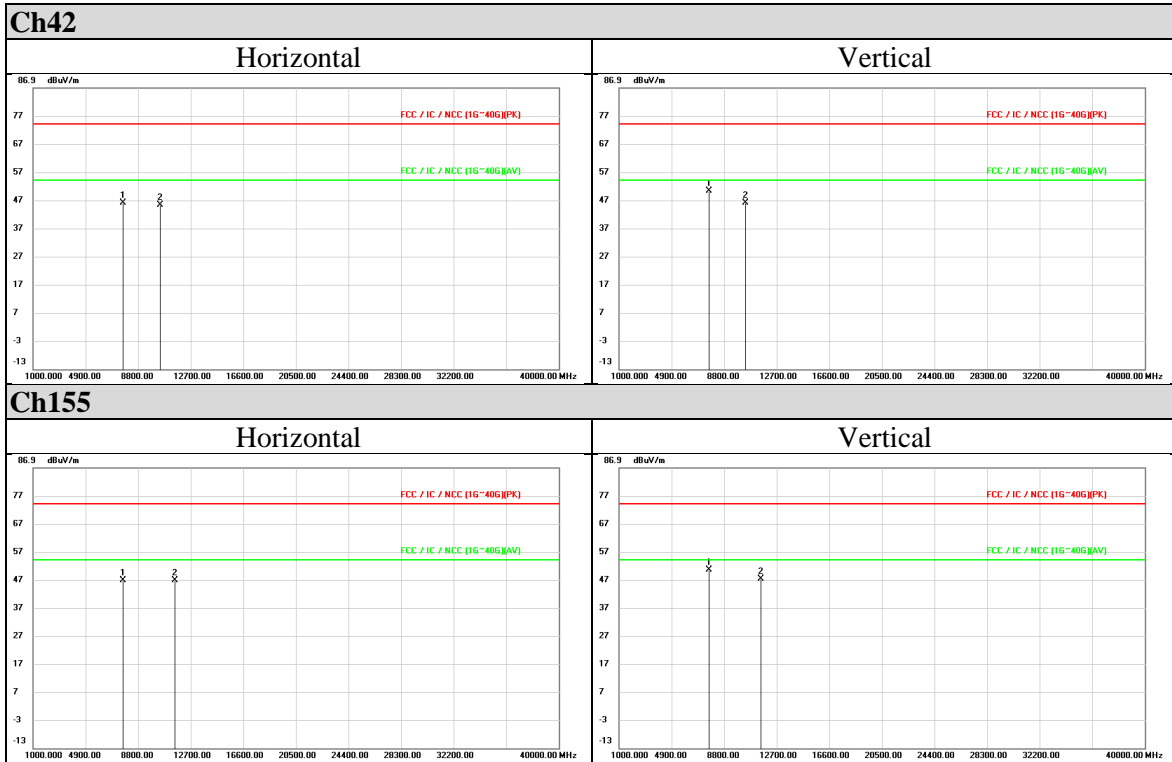
Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

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802.11ac (VHT80)



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Telephone : +886-2-7737-3000

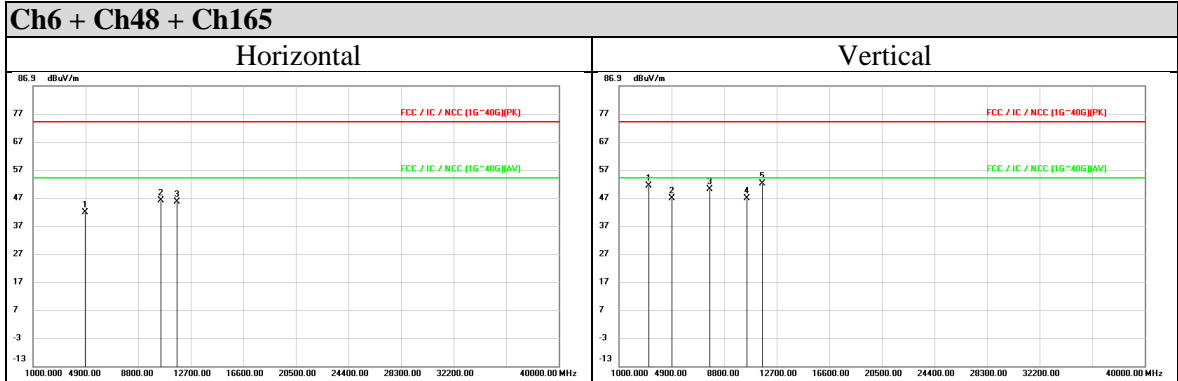
Facsimile (FAX) : +886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Co-Location Mode

802.11b +802.11ac (VHT20)



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Telephone :+886-2-7737-3000

Facsimile (FAX ) :+886-3-583-7948



**Model: VigorAP 1000C**  
**Non-Beamforming Mode**  
**802.11a**

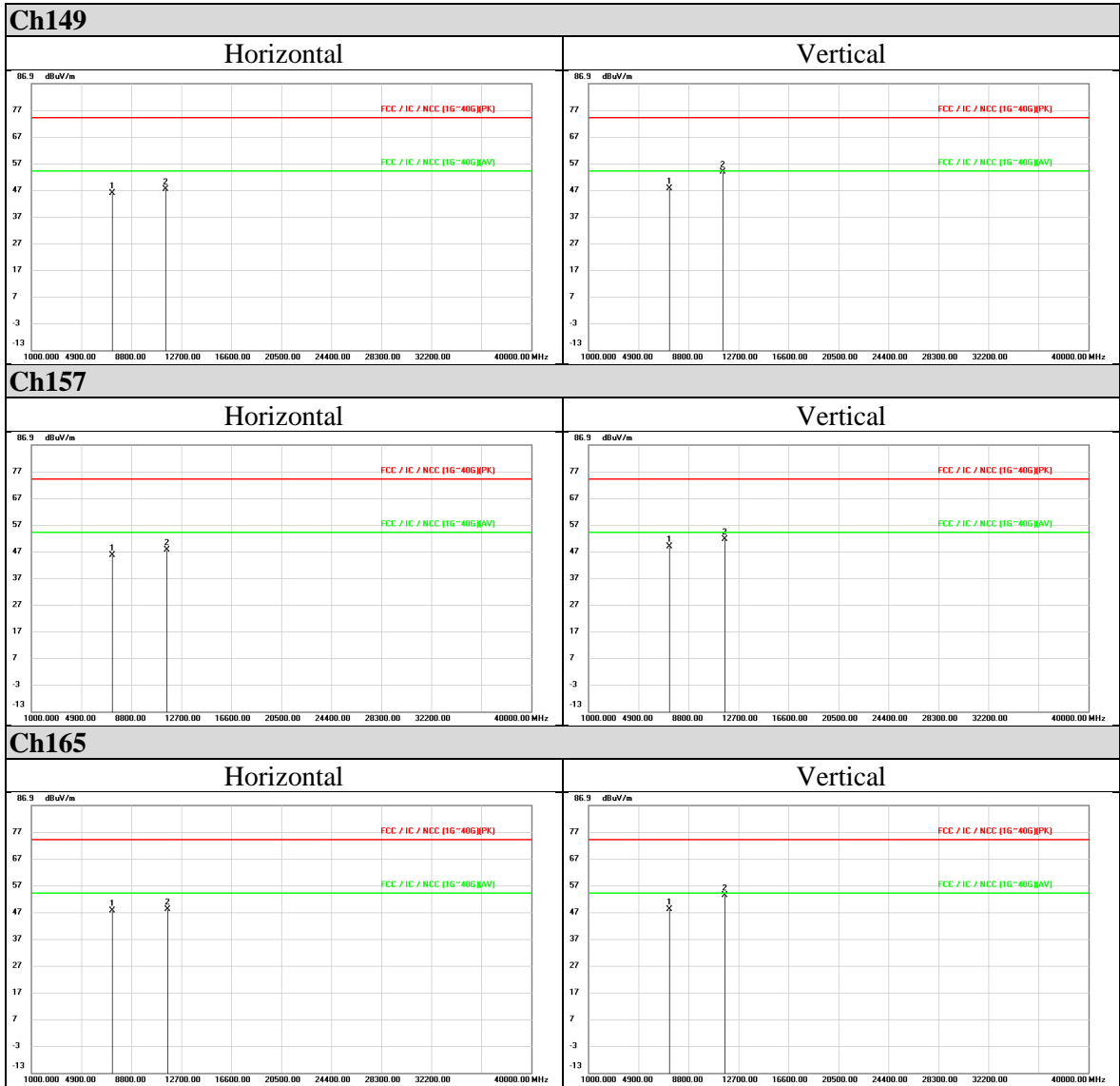


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Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948



**Underwriters Laboratories Taiwan Co., Ltd.**

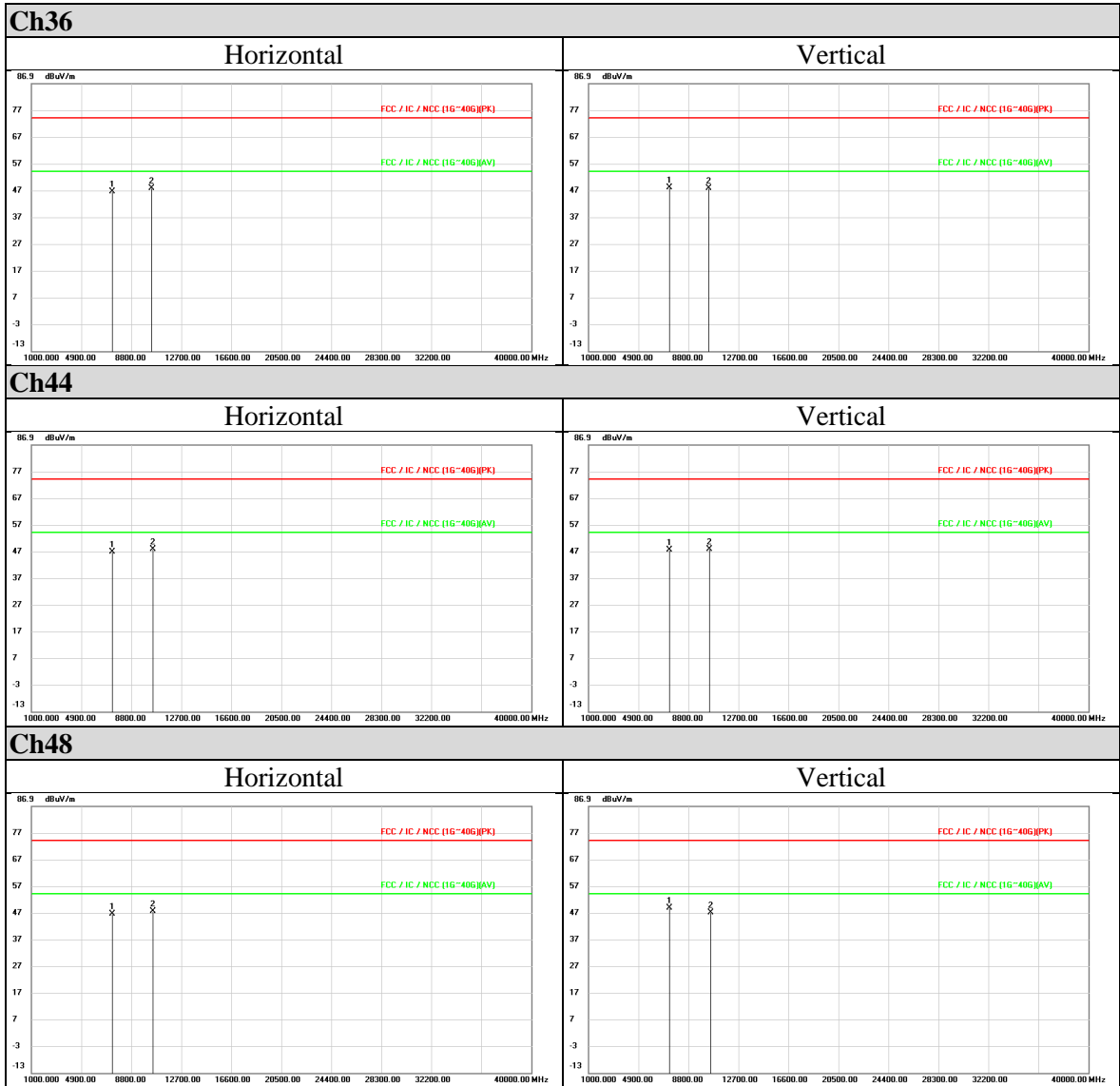
Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948



802.11ac (VHT20)



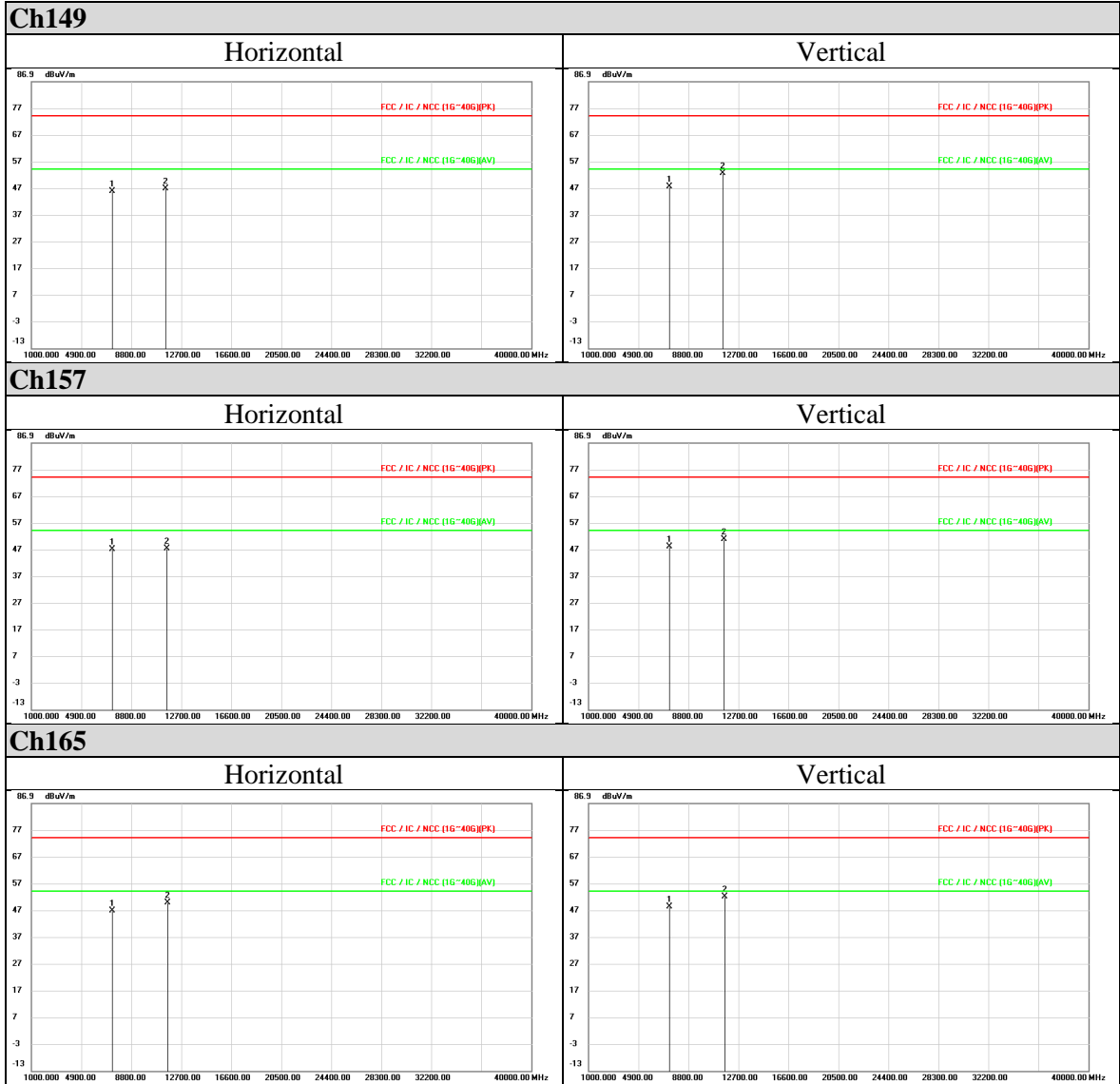
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Telephone : +886-2-7737-3000

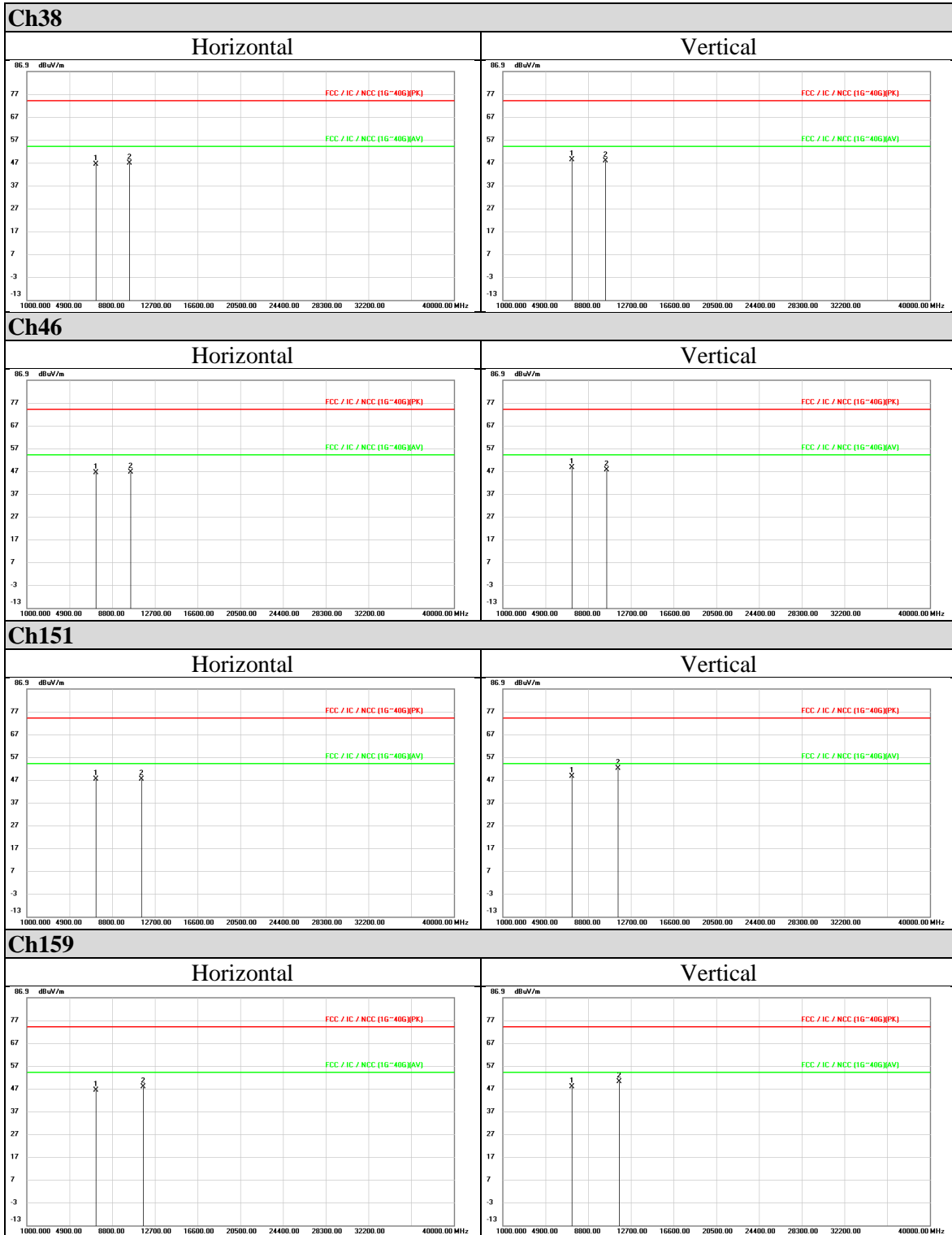
Facsimile (FAX) : +886-3-583-7948

Doc No: 17-EM-F0878 / 5.0





802.11ac (VHT40)



Underwriters Laboratories Taiwan Co., Ltd.

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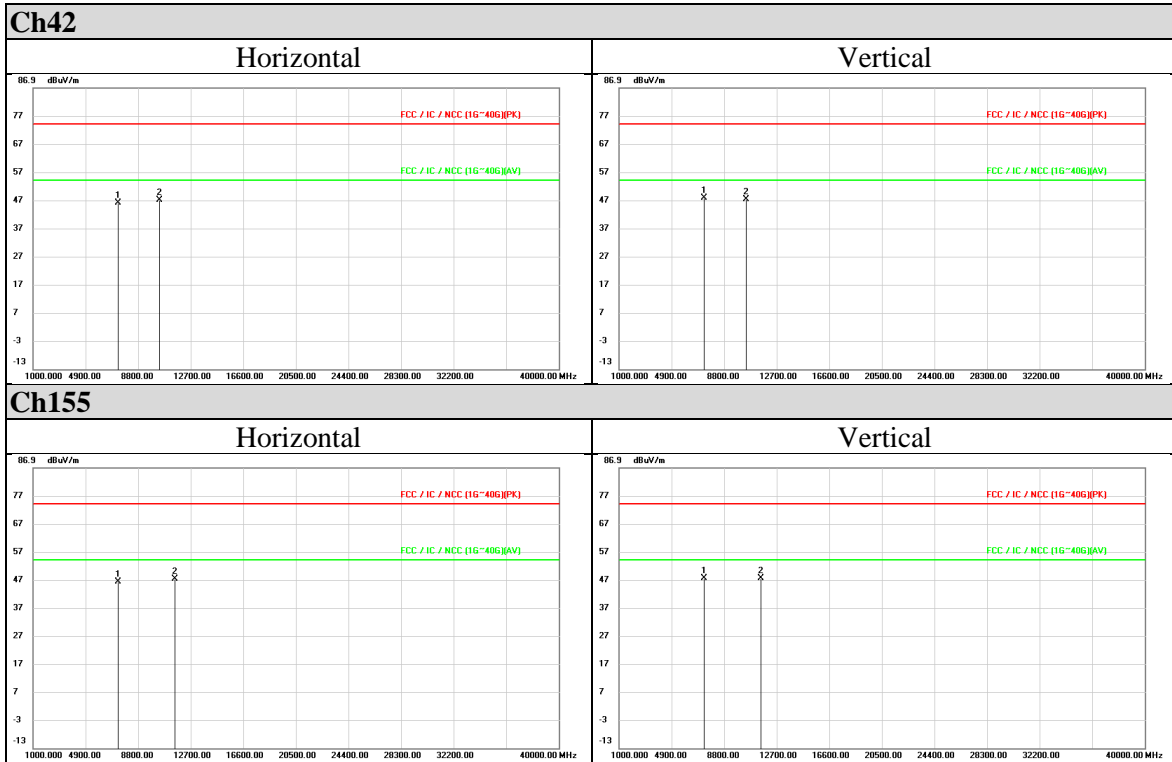
Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



802.11ac (VHT80)



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Telephone : +886-2-7737-3000

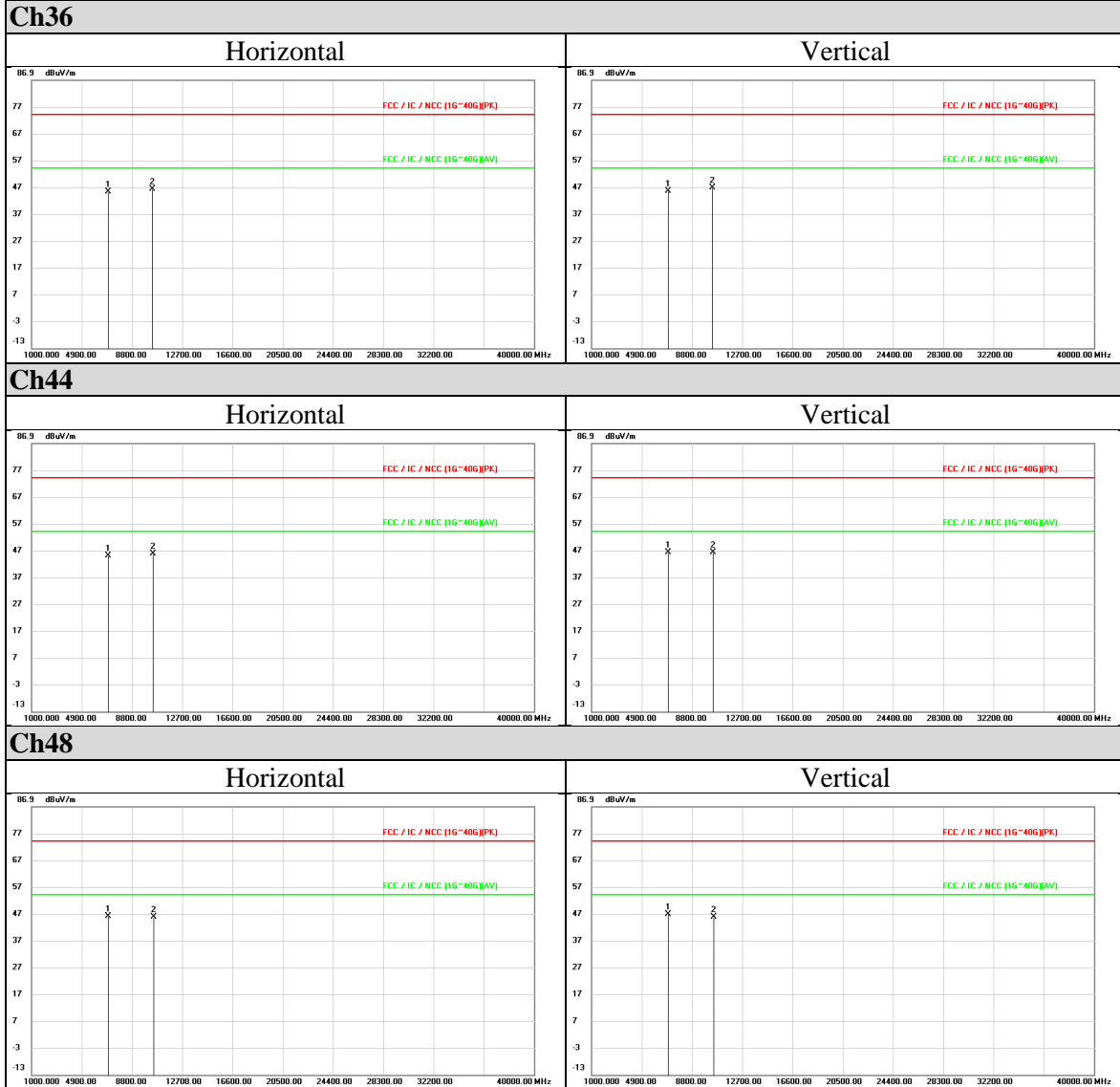
Facsimile (FAX) : +886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



### Beamforming Mode

### 802.11ac (VHT20)



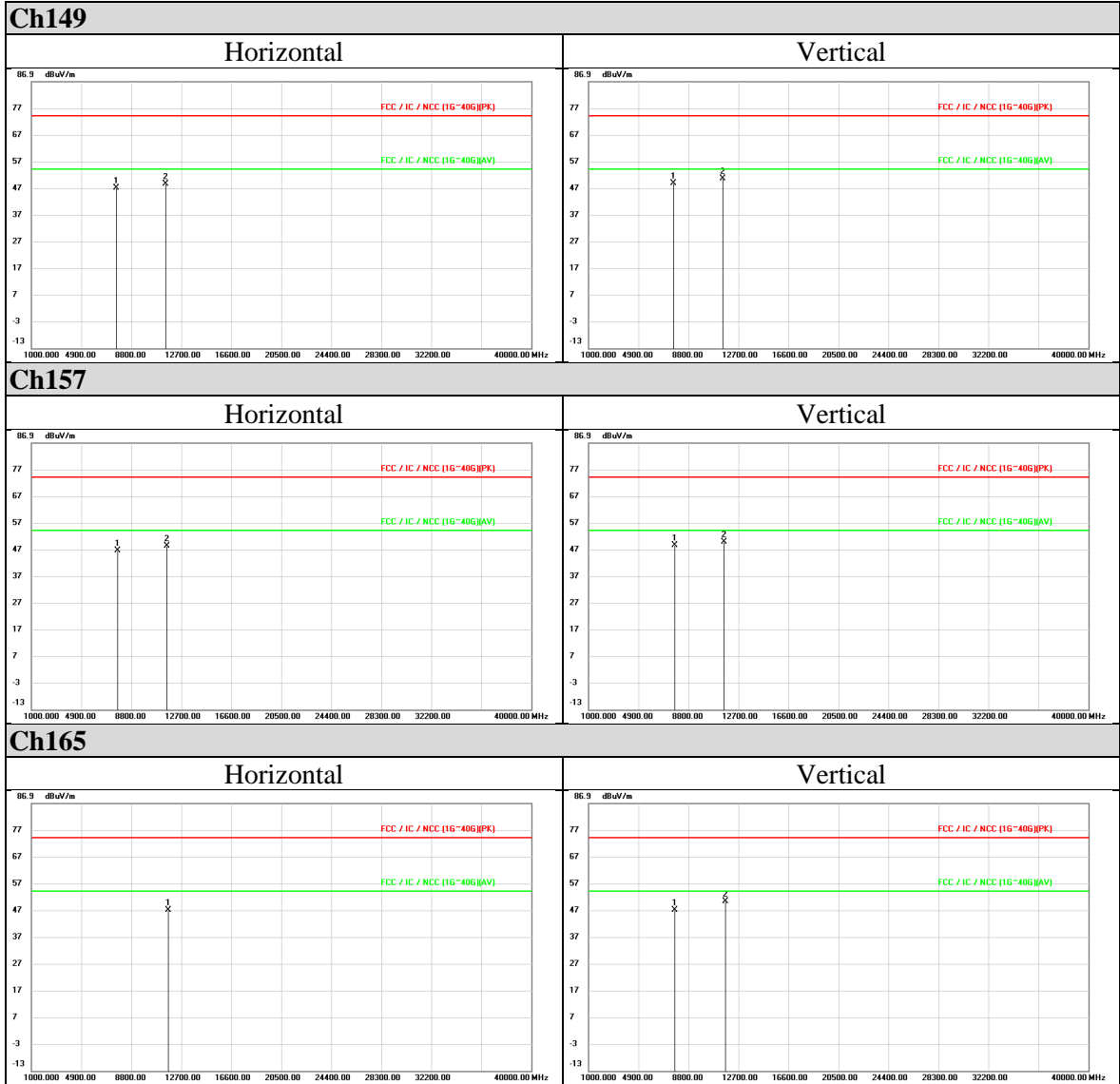
### Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

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Doc No: 17-EM-F0878 / 5.0



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802.11ac (VHT40)



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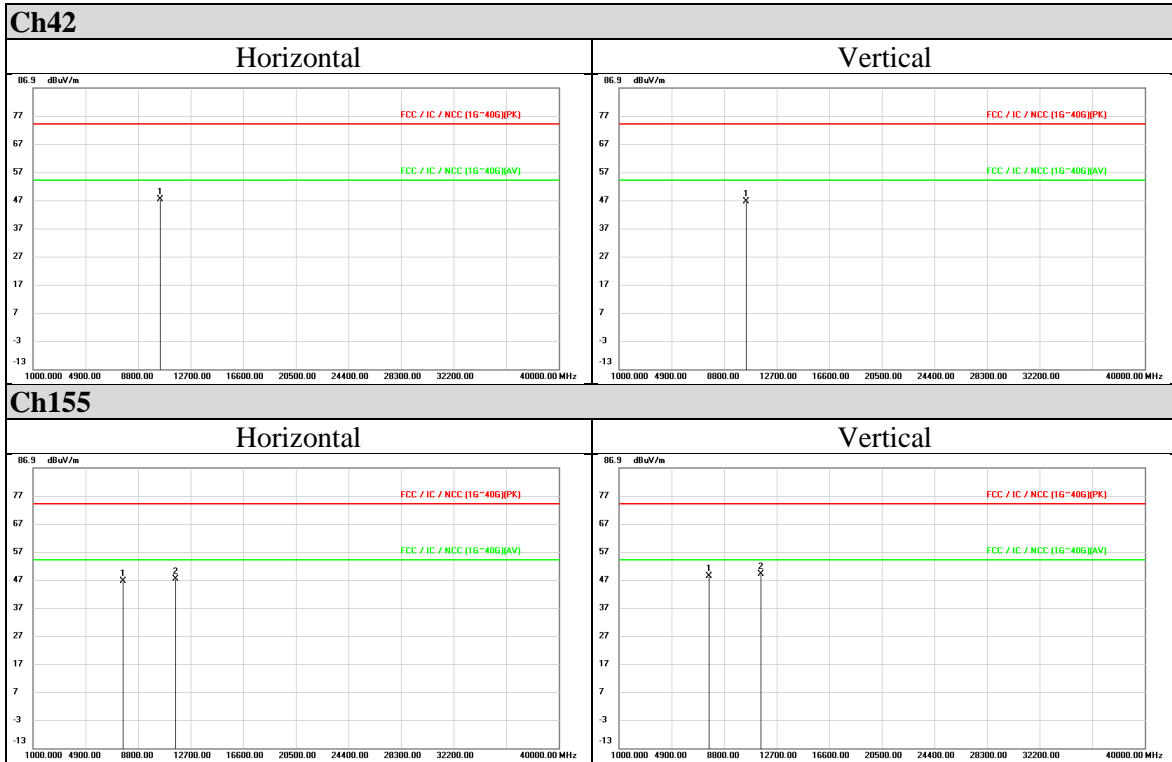
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802.11ac (VHT80)



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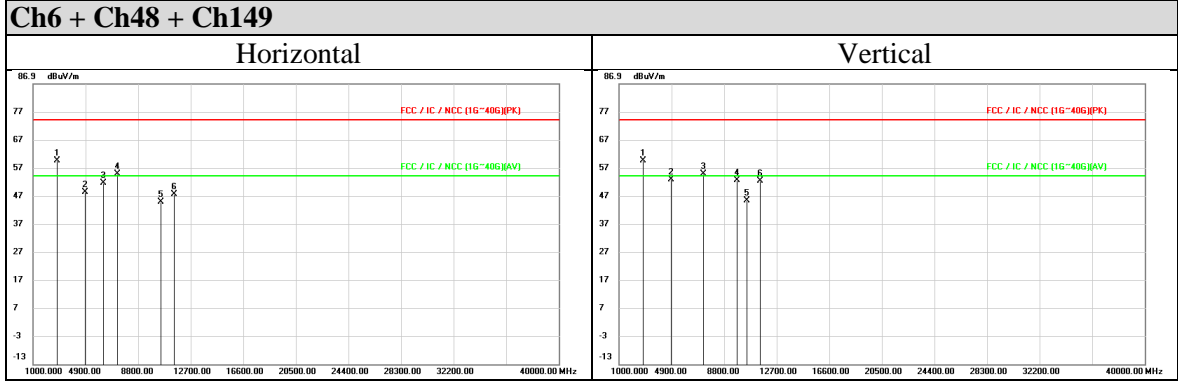
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Co-Location Mode

802.11b + 802.11a



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