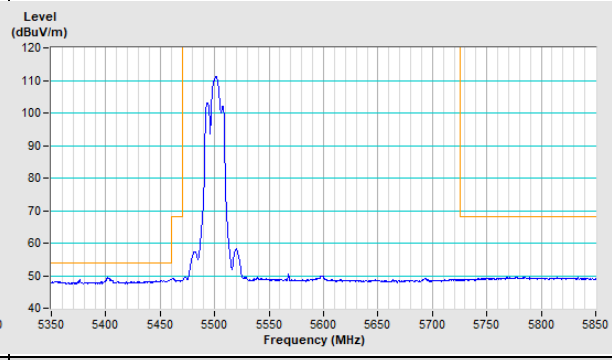
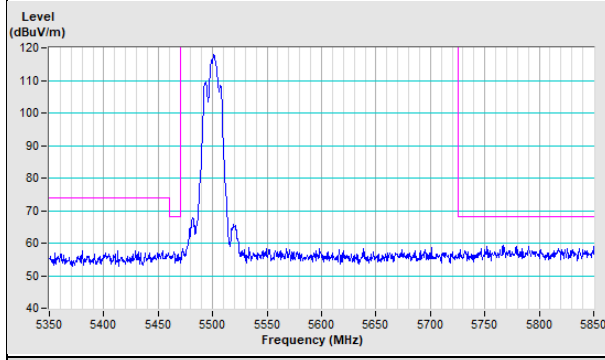


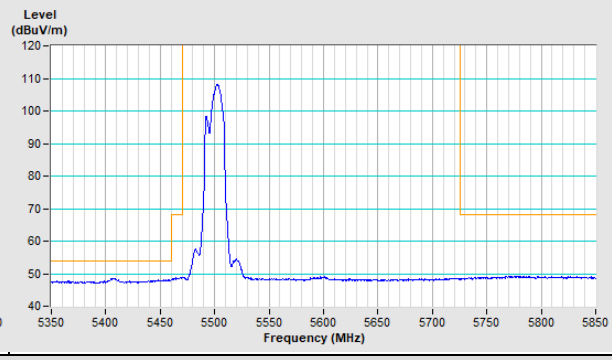
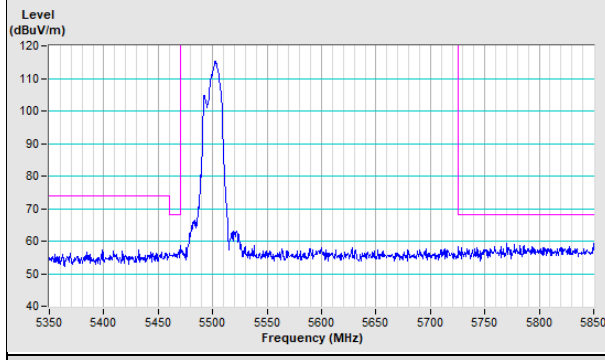
802.11a Channel 100

Horizontal (Peak) **Horizontal (Average)**



Vertical (Peak)

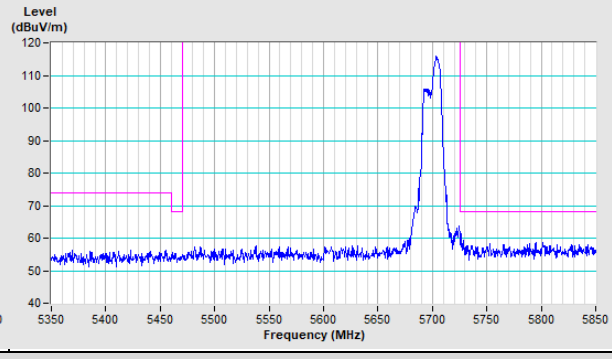
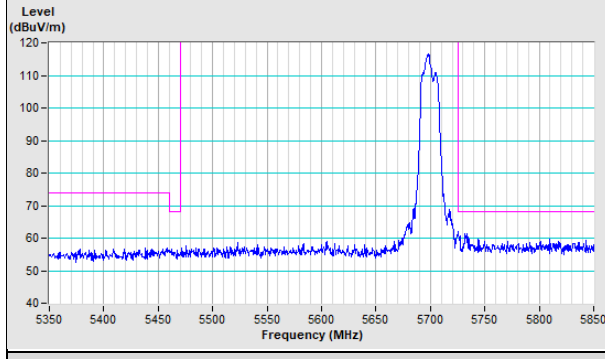
Vertical (Average)



802.11a Channel 140

Horizontal (Peak)

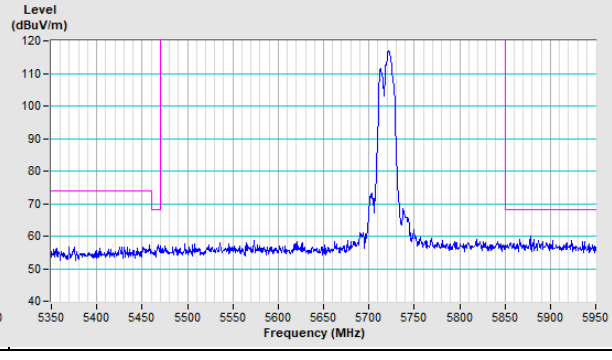
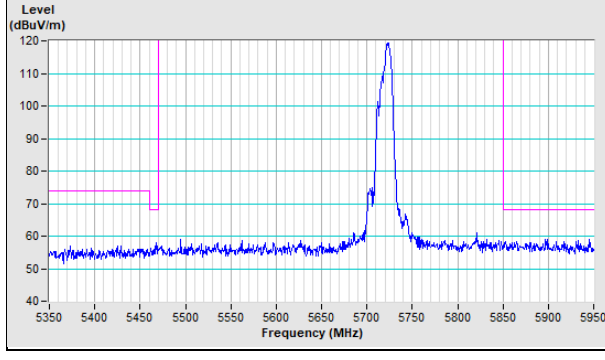
Vertical (Peak)



802.11a Channel 144

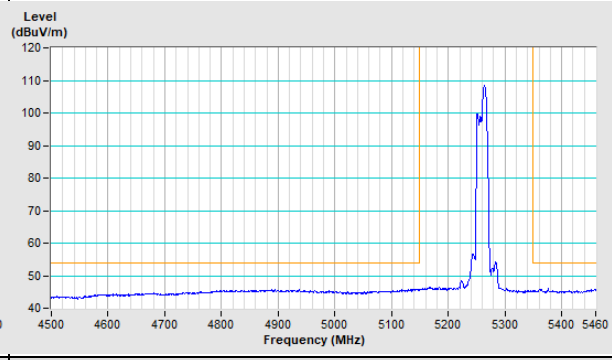
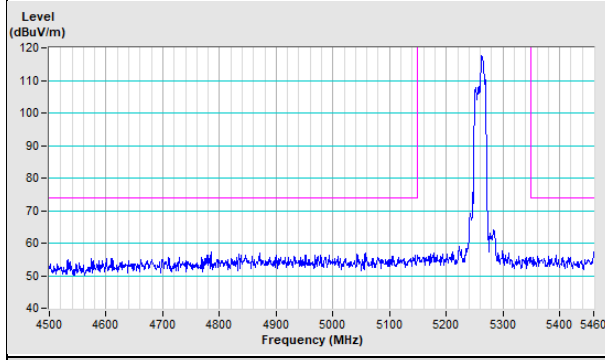
Horizontal (Peak)

Vertical (Peak)

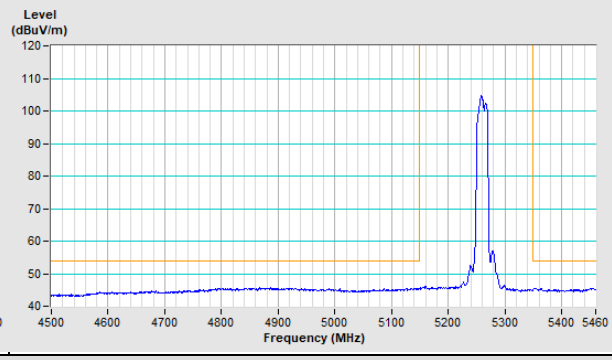
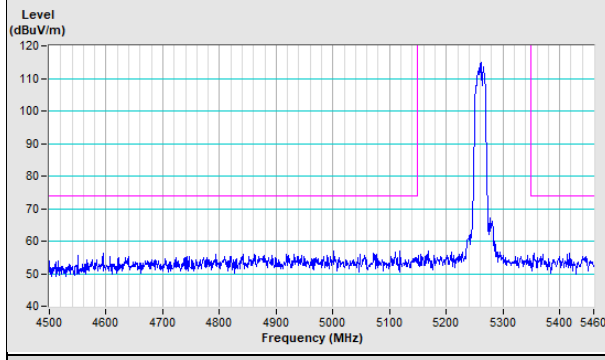


802.11ax (HE20) Channel 52

Horizontal (Peak) **Horizontal (Average)**

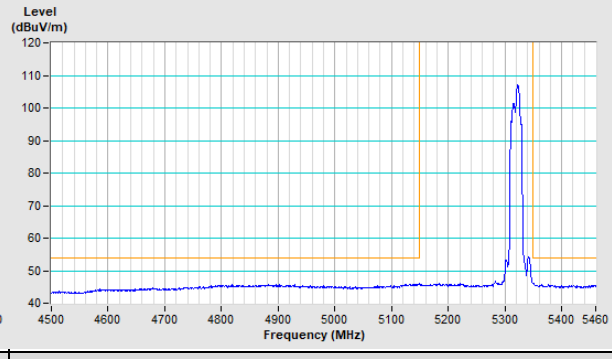
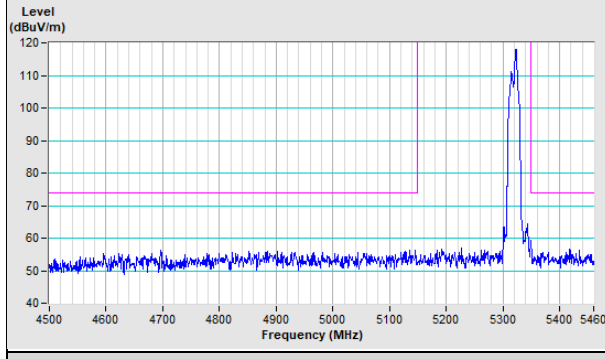


Vertical (Peak) **Vertical (Average)**

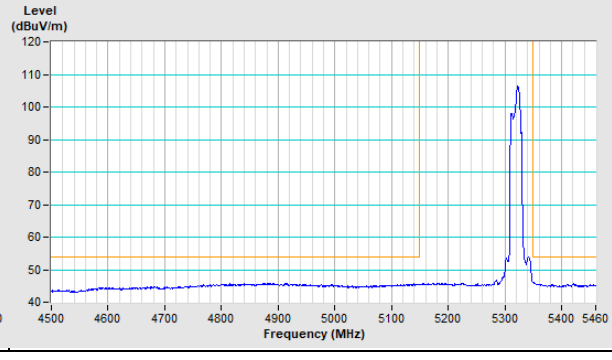
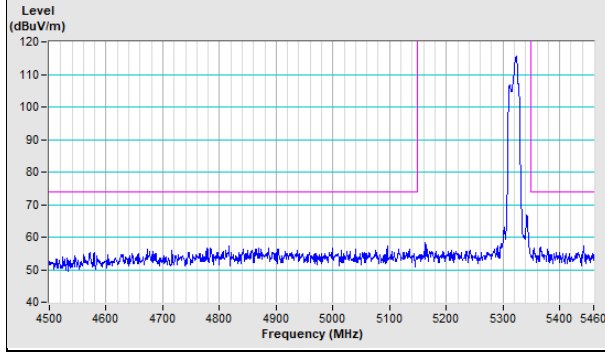


802.11ax (HE20) Channel 64

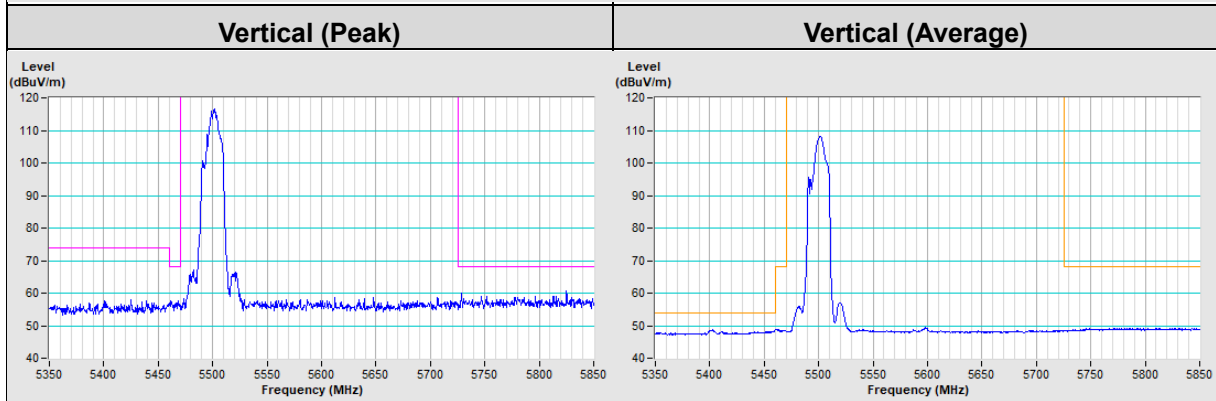
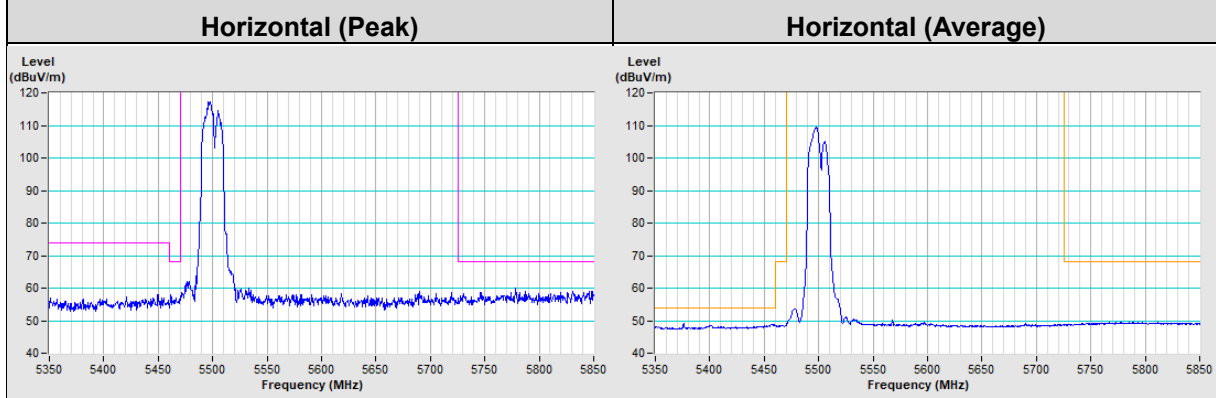
Horizontal (Peak) **Horizontal (Average)**



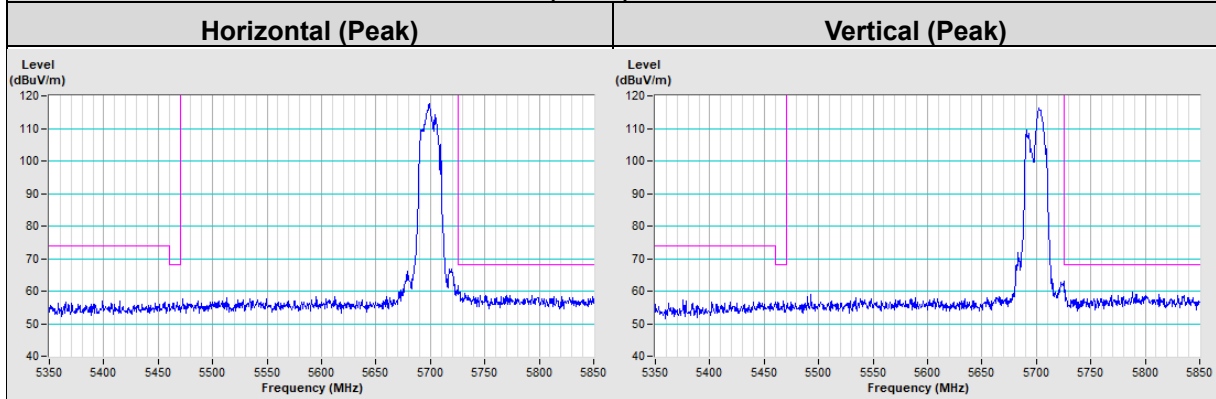
Vertical (Peak) **Vertical (Average)**



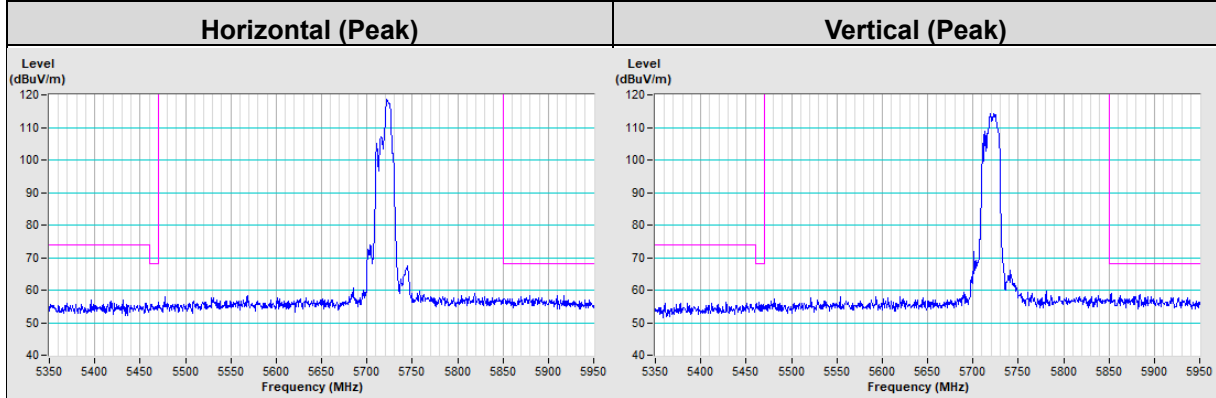
802.11ax (HE20) Channel 100



802.11ax (HE20) Channel 140

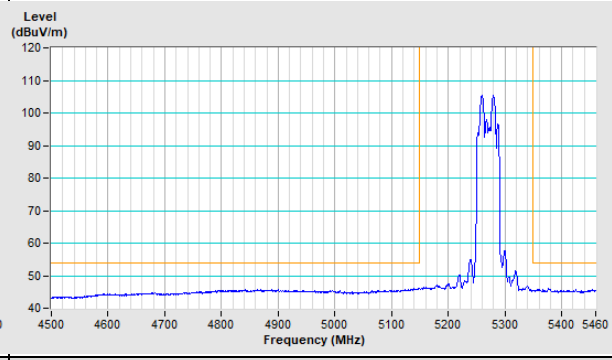
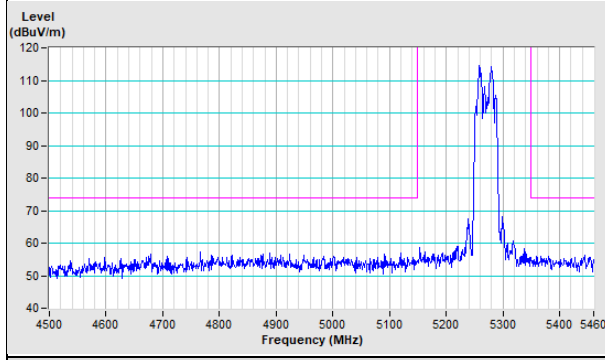


802.11ax (HE20) Channel 144



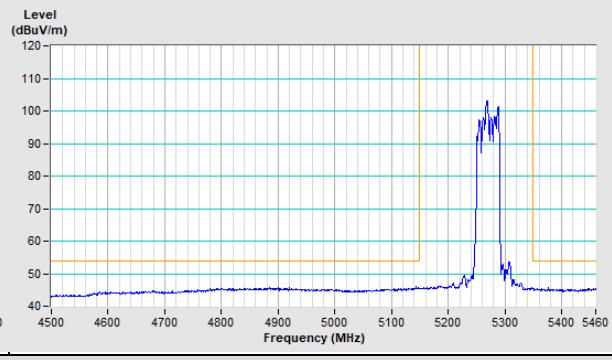
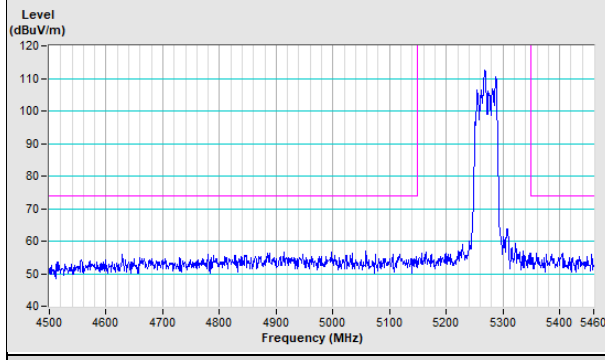
802.11ax (HE40) Channel 54

Horizontal (Peak) **Horizontal (Average)**



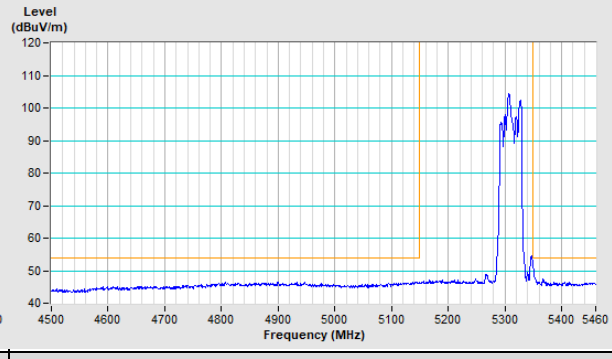
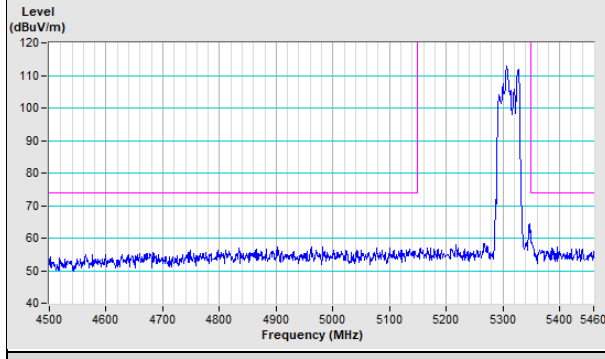
Vertical (Peak)

Vertical (Average)



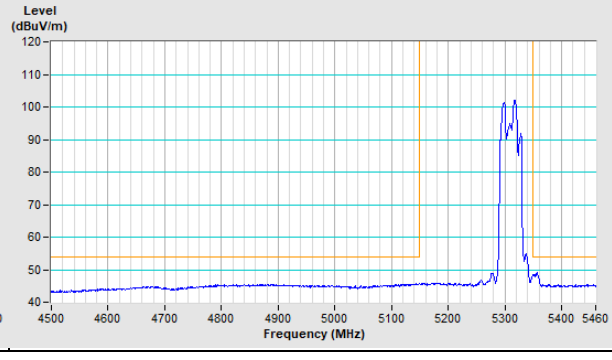
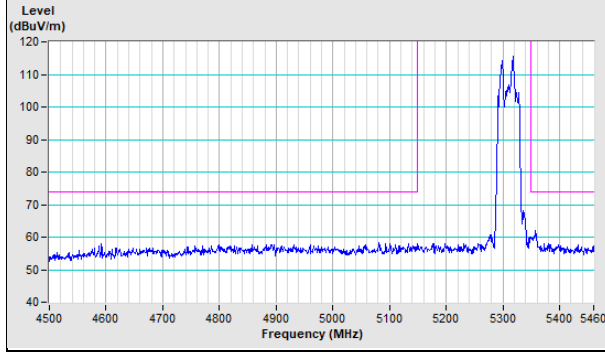
802.11ax (HE40) Channel 62

Horizontal (Peak) **Horizontal (Average)**



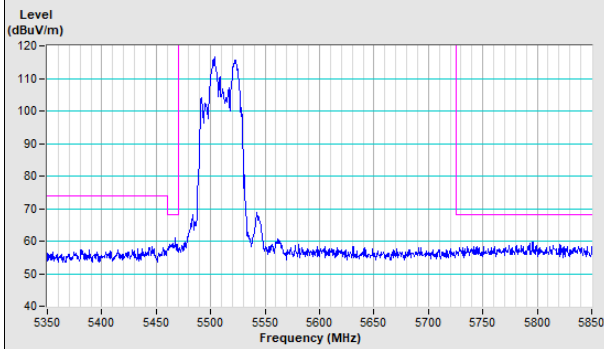
Vertical (Peak)

Vertical (Average)

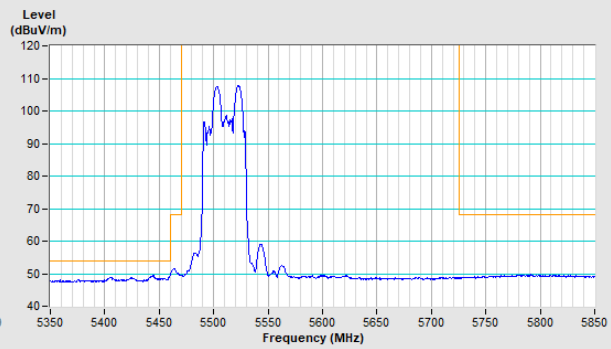


802.11ax (HE40) Channel 102

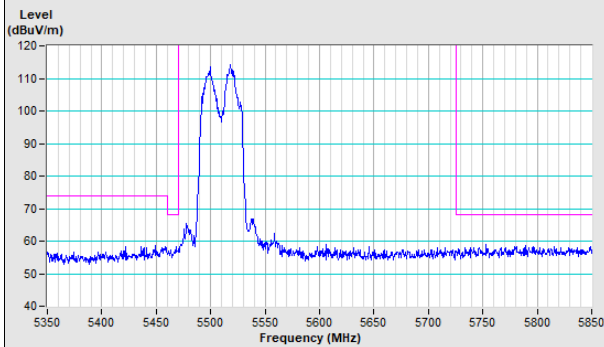
Horizontal (Peak)



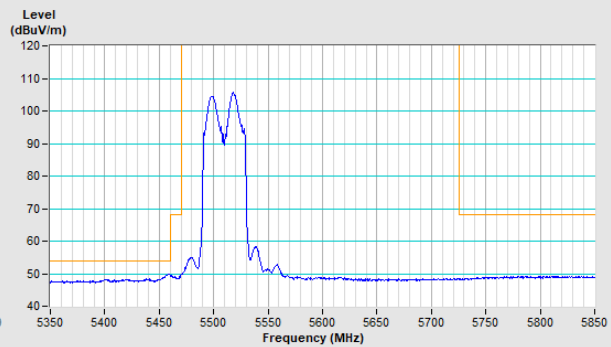
Horizontal (Average)



Vertical (Peak)

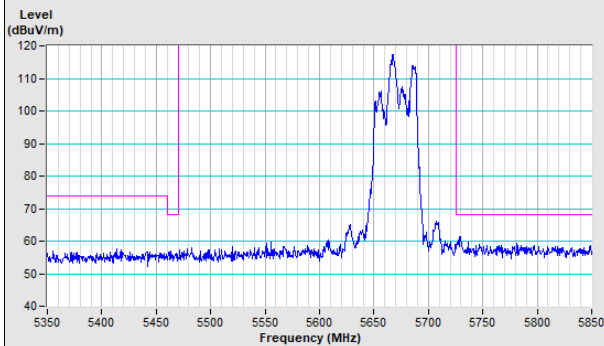


Vertical (Average)

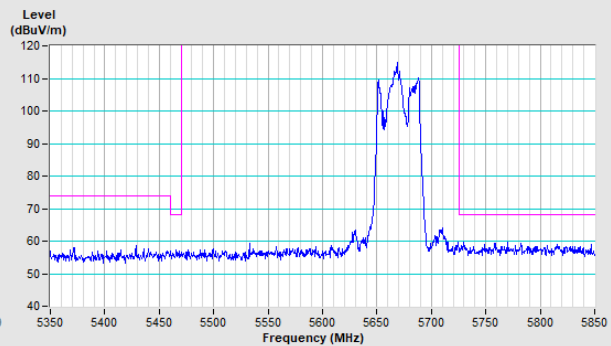


802.11ax (HE40) Channel 134

Horizontal (Peak)

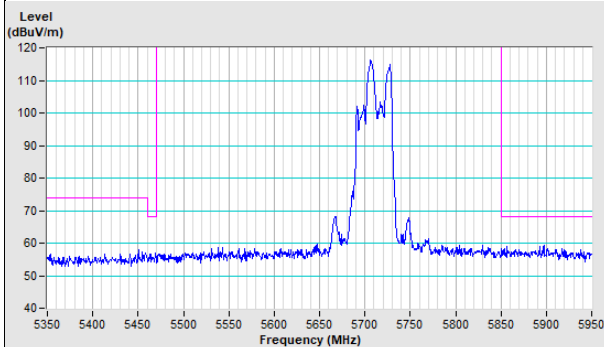


Vertical (Peak)

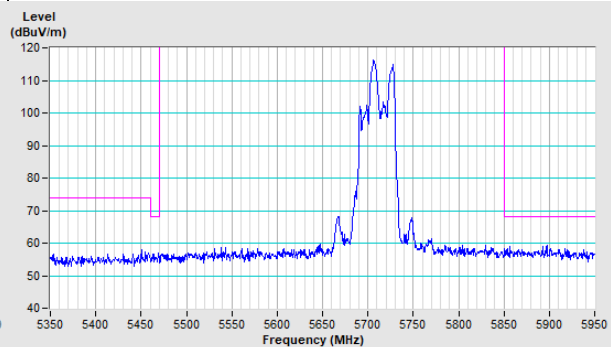


802.11ax (HE40) Channel 142

Horizontal (Peak)

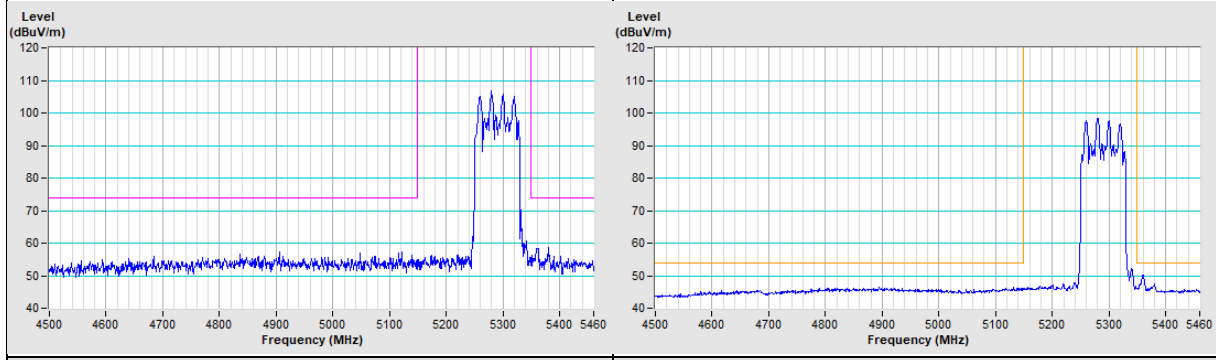


Horizontal (Peak)

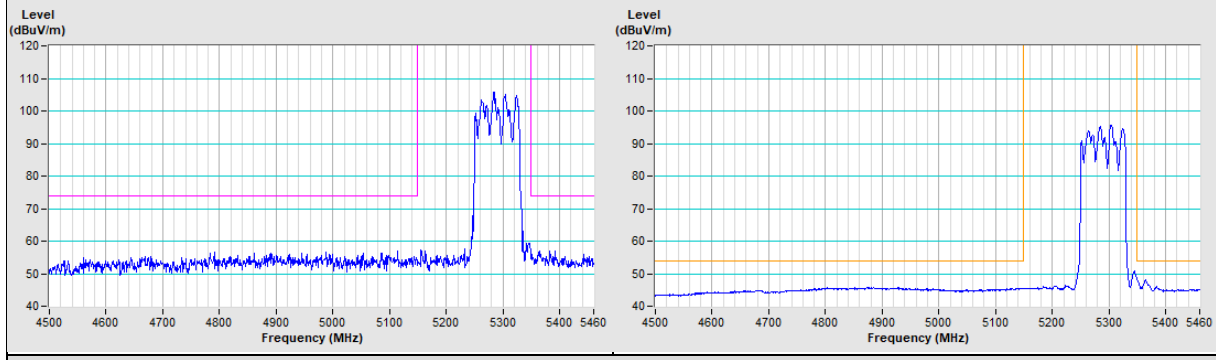


802.11ax (HE80) Channel 58

Horizontal (Peak)	Horizontal (Average)
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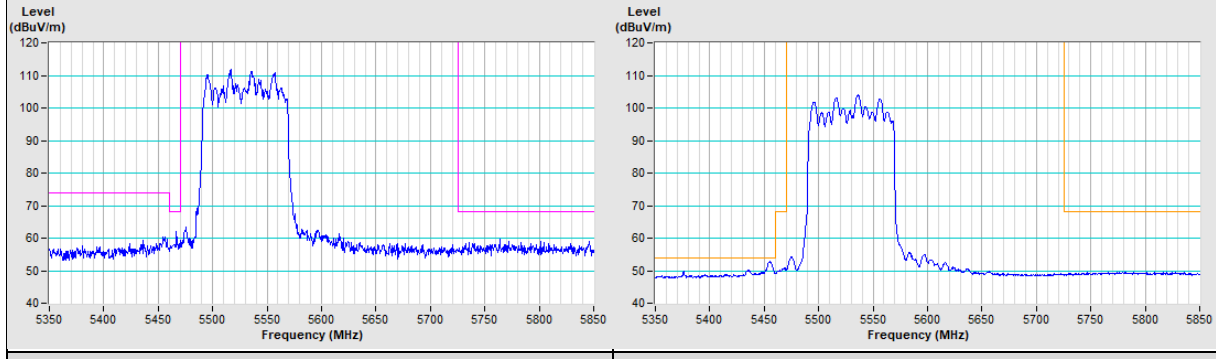


Vertical (Peak)	Vertical (Average)
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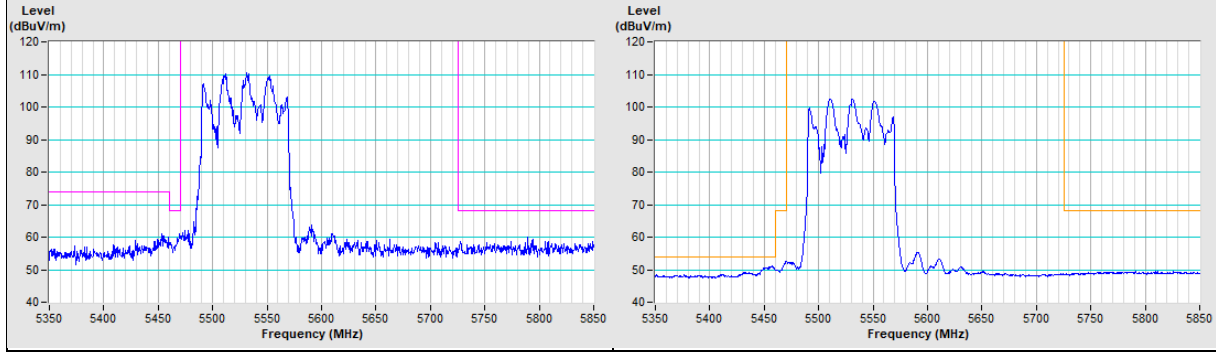


802.11ax (HE80) Channel 106

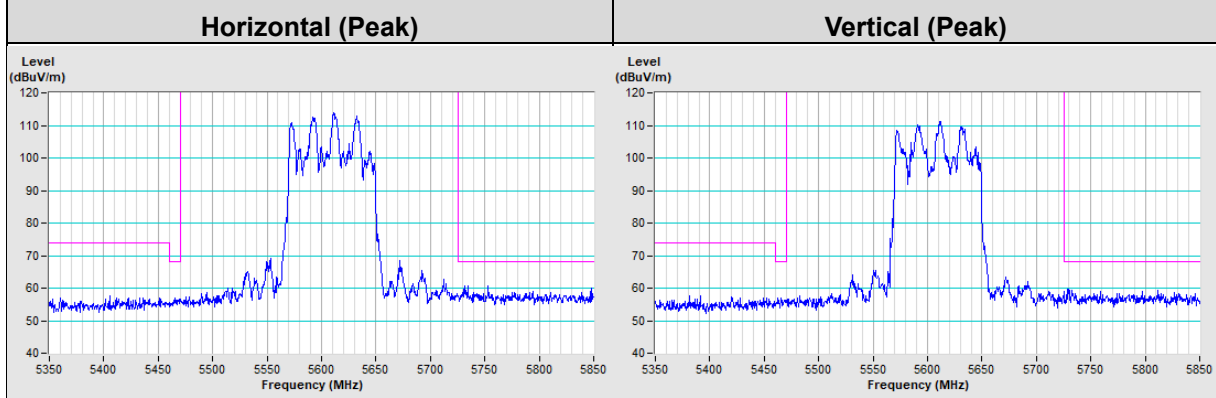
Horizontal (Peak)	Horizontal (Average)
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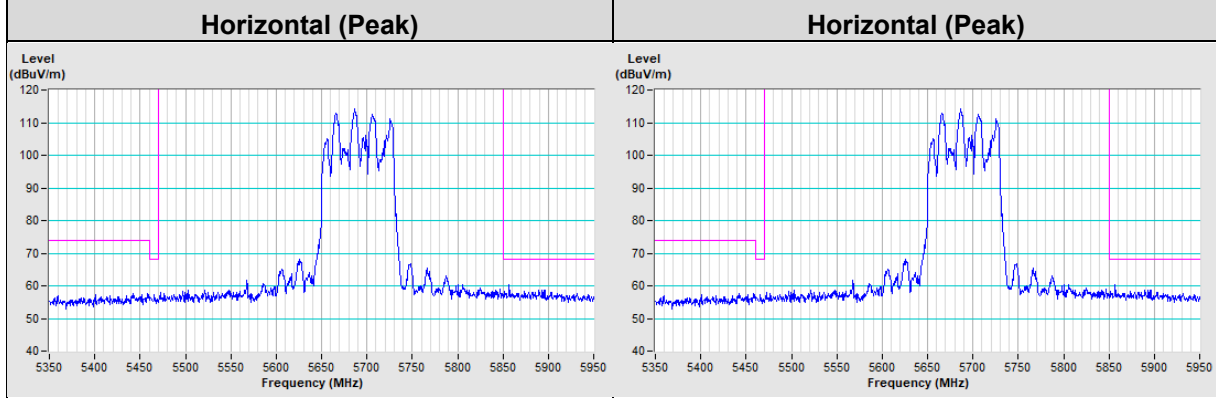
Vertical (Peak)	Vertical (Average)
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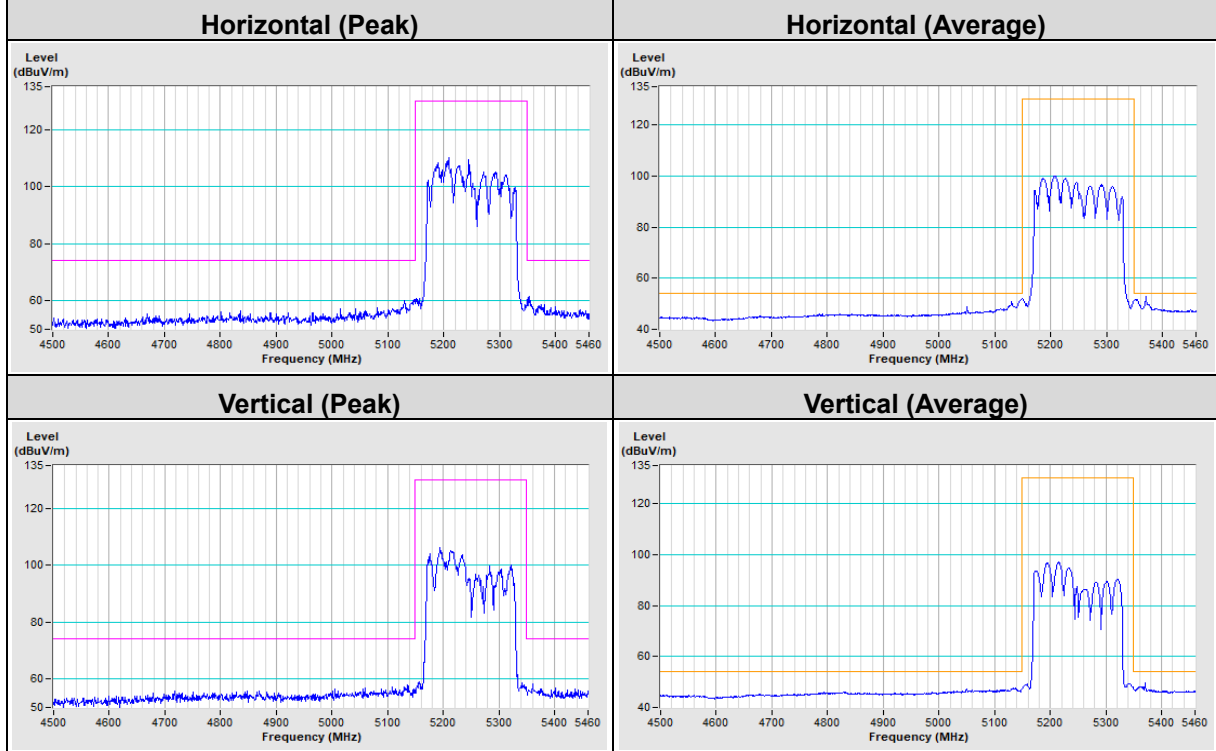
802.11ax (HE80) Channel 122

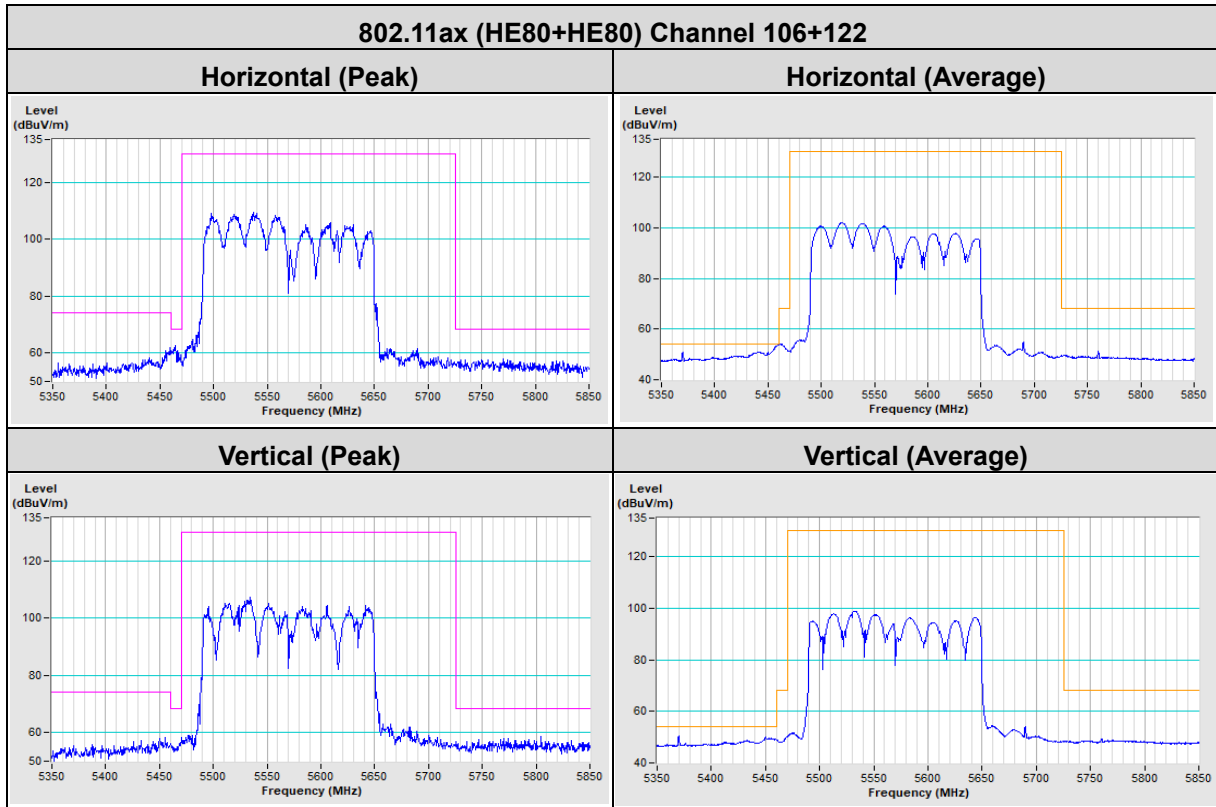


802.11ax (HE80) Channel 138



802.11ax (HE80+HE80) Channel 42+58





Test Mode C: FAP-431G_Radio 3

RF Mode	802.11a	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.5 PK	74.0	-13.5	1.55 H	298	58.6	1.9
2	5460.00	49.3 AV	54.0	-4.7	1.55 H	298	47.4	1.9
3	#5470.00	67.5 PK	68.2	-0.7	1.55 H	298	65.6	1.9
4	*5500.00	118.6 PK			1.55 H	298	78.3	40.3
5	*5500.00	111.8 AV			1.55 H	298	71.5	40.3
6	11000.00	56.5 PK	74.0	-17.5	1.79 H	163	48.1	8.4
7	11000.00	46.9 AV	54.0	-7.1	1.79 H	163	38.5	8.4

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.9 PK	74.0	-17.1	1.83 V	24	55.0	1.9
2	5460.00	47.3 AV	54.0	-6.7	1.83 V	24	45.4	1.9
3	#5470.00	59.6 PK	68.2	-8.6	1.83 V	24	57.7	1.9
4	*5500.00	114.6 PK			1.83 V	24	74.3	40.3
5	*5500.00	107.7 AV			1.83 V	24	67.4	40.3
6	11000.00	56.2 PK	74.0	-17.8	1.57 V	217	47.8	8.4
7	11000.00	46.7 AV	54.0	-7.3	1.57 V	217	38.3	8.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11a	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	120.9 PK			1.50 H	299	80.1	40.8
2	*5580.00	114.0 AV			1.50 H	299	73.2	40.8
3	11160.00	57.0 PK	74.0	-17.0	1.81 H	159	48.2	8.8
4	11160.00	47.4 AV	54.0	-6.6	1.81 H	159	38.6	8.8

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	116.1 PK			1.91 V	24	75.3	40.8
2	*5580.00	109.3 AV			1.91 V	24	68.5	40.8
3	11160.00	56.8 PK	74.0	-17.2	1.56 V	33	48.0	8.8
4	11160.00	48.0 AV	54.0	-6.0	1.56 V	33	39.2	8.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11a	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	119.1 PK			1.28 H	293	77.8	41.3
2	*5700.00	111.1 AV			1.28 H	293	69.8	41.3
3	#5725.00	67.5 PK	68.2	-0.7	1.28 H	293	64.3	3.2
4	11400.00	56.8 PK	74.0	-17.2	1.75 H	155	47.9	8.9
5	11400.00	47.3 AV	54.0	-6.7	1.75 H	155	38.4	8.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	113.8 PK			1.87 V	25	72.5	41.3
2	*5700.00	107.0 AV			1.87 V	25	65.7	41.3
3	#5725.00	60.3 PK	68.2	-7.9	1.87 V	25	57.1	3.2
4	11400.00	56.7 PK	74.0	-17.3	1.49 V	20	47.8	8.9
5	11400.00	47.2 AV	54.0	-6.8	1.49 V	20	38.3	8.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11a	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 66% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	57.0 PK	68.2	-11.2	1.90 H	62	55.1	1.9
2	*5720.00	116.7 PK			1.90 H	62	75.2	41.5
3	*5720.00	109.7 AV			1.90 H	62	68.2	41.5
4	#5850.00	58.2 PK	68.2	-10.0	1.90 H	62	54.3	3.9
5	11440.00	56.9 PK	74.0	-17.1	1.78 H	166	47.9	9.0
6	11440.00	47.3 AV	54.0	-6.7	1.78 H	166	38.3	9.0

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	55.4 PK	68.2	-12.8	1.06 V	359	53.5	1.9
2	*5720.00	109.6 PK			1.06 V	359	68.1	41.5
3	*5720.00	103.0 AV			1.06 V	359	61.5	41.5
4	#5850.00	58.0 PK	68.2	-10.2	1.06 V	359	54.1	3.9
5	11440.00	56.5 PK	74.0	-17.5	2.11 V	247	47.5	9.0
6	11440.00	47.1 AV	54.0	-6.9	2.11 V	247	38.1	9.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.7 PK	74.0	-17.3	1.45 H	298	54.8	1.9
2	5460.00	48.1 AV	54.0	-5.9	1.45 H	298	46.2	1.9
3	#5470.00	67.3 PK	68.2	-0.9	1.45 H	298	65.4	1.9
4	*5500.00	119.8 PK			1.45 H	298	79.5	40.3
5	*5500.00	110.5 AV			1.45 H	298	70.2	40.3
6	11000.00	56.2 PK	74.0	-17.8	1.81 H	162	47.8	8.4
7	11000.00	46.8 AV	54.0	-7.2	1.81 H	162	38.4	8.4

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.3 PK	74.0	-17.7	1.87 V	25	54.4	1.9
2	5460.00	47.5 AV	54.0	-6.5	1.87 V	25	45.6	1.9
3	#5470.00	60.7 PK	68.2	-7.5	1.87 V	25	58.8	1.9
4	*5500.00	113.8 PK			1.87 V	25	73.5	40.3
5	*5500.00	106.3 AV			1.87 V	25	66.0	40.3
6	11000.00	56.0 PK	74.0	-18.0	1.56 V	33	47.6	8.4
7	11000.00	46.6 AV	54.0	-7.4	1.56 V	33	38.2	8.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	122.8 PK			1.37 H	294	82.0	40.8
2	*5580.00	113.1 AV			1.37 H	294	72.3	40.8
3	11160.00	56.8 PK	74.0	-17.2	1.84 H	165	48.0	8.8
4	11160.00	47.4 AV	54.0	-6.6	1.84 H	165	38.6	8.8

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	116.4 PK			1.86 V	26	75.6	40.8
2	*5580.00	108.5 AV			1.86 V	26	67.7	40.8
3	11160.00	57.2 PK	74.0	-16.8	2.01 V	321	48.4	8.8
4	11160.00	48.2 AV	54.0	-5.8	2.01 V	321	39.4	8.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11ax (HE20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	117.6 PK			1.42 H	291	76.3	41.3
2	*5700.00	109.6 AV			1.42 H	291	68.3	41.3
3	#5725.00	67.3 PK	68.2	-0.9	1.42 H	291	64.1	3.2
4	11400.00	56.8 PK	74.0	-17.2	1.77 H	169	47.9	8.9
5	11400.00	47.4 AV	54.0	-6.6	1.77 H	169	38.5	8.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	115.6 PK			1.83 V	25	74.3	41.3
2	*5700.00	105.3 AV			1.83 V	25	64.0	41.3
3	#5725.00	62.8 PK	68.2	-5.4	1.83 V	25	59.6	3.2
4	11400.00	56.7 PK	74.0	-17.3	1.91 V	261	47.8	8.9
5	11400.00	47.3 AV	54.0	-6.7	1.91 V	261	38.4	8.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 66% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	56.7 PK	68.2	-11.5	1.95 H	65	54.8	1.9
2	*5720.00	118.3 PK			1.95 H	65	76.8	41.5
3	*5720.00	109.1 AV			1.95 H	65	67.6	41.5
4	#5850.00	58.0 PK	68.2	-10.2	1.95 H	65	54.1	3.9
5	11440.00	57.0 PK	74.0	-17.0	1.75 H	162	48.0	9.0
6	11440.00	47.4 AV	54.0	-6.6	1.75 H	162	38.4	9.0

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	55.9 PK	68.2	-12.3	1.09 V	356	54.0	1.9
2	*5720.00	110.7 PK			1.09 V	356	69.2	41.5
3	*5720.00	102.8 AV			1.09 V	356	61.3	41.5
4	#5850.00	57.0 PK	68.2	-11.2	1.09 V	356	53.1	3.9
5	11440.00	56.6 PK	74.0	-17.4	2.05 V	241	47.6	9.0
6	11440.00	47.2 AV	54.0	-6.8	2.05 V	241	38.2	9.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40)	Channel	CH 102 : 5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.4 PK	74.0	-12.6	1.52 H	297	59.5	1.9
2	5460.00	52.6 AV	54.0	-1.4	1.52 H	297	50.7	1.9
3	#5470.00	64.3 PK	68.2	-3.9	1.52 H	297	62.4	1.9
4	*5510.00	115.0 PK			1.52 H	297	74.6	40.4
5	*5510.00	106.0 AV			1.52 H	297	65.6	40.4
6	11020.00	56.2 PK	74.0	-17.8	1.76 H	152	47.8	8.4
7	11020.00	46.8 AV	54.0	-7.2	1.76 H	152	38.4	8.4

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.7 PK	74.0	-17.3	1.95 V	23	54.8	1.9
2	5460.00	48.3 AV	54.0	-5.7	1.95 V	23	46.4	1.9
3	#5470.00	57.6 PK	68.2	-10.6	1.95 V	23	55.7	1.9
4	*5510.00	110.6 PK			1.95 V	23	70.2	40.4
5	*5510.00	101.7 AV			1.95 V	23	61.3	40.4
6	11020.00	56.1 PK	74.0	-17.9	1.89 V	255	47.7	8.4
7	11020.00	46.7 AV	54.0	-7.3	1.89 V	255	38.3	8.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40)	Channel	CH 110 : 5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.3 PK	74.0	-13.7	1.57 H	296	58.4	1.9
2	5460.00	52.2 AV	54.0	-1.8	1.57 H	296	50.3	1.9
3	#5470.00	63.6 PK	68.2	-4.6	1.57 H	296	61.7	1.9
4	*5550.00	118.6 PK			1.57 H	296	77.9	40.7
5	*5550.00	110.0 AV			1.57 H	296	69.3	40.7
6	11100.00	56.2 PK	74.0	-17.8	1.77 H	149	47.6	8.6
7	11100.00	46.8 AV	54.0	-7.2	1.77 H	149	38.2	8.6

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.2 PK	74.0	-17.8	1.95 V	23	54.3	1.9
2	5460.00	47.7 AV	54.0	-6.3	1.95 V	23	45.8	1.9
3	#5470.00	57.2 PK	68.2	-11.0	1.95 V	23	55.3	1.9
4	*5550.00	113.0 PK			1.95 V	23	72.3	40.7
5	*5550.00	105.5 AV			1.95 V	23	64.8	40.7
6	11100.00	55.8 PK	74.0	-18.2	1.89 V	256	47.2	8.6
7	11100.00	46.5 AV	54.0	-7.5	1.89 V	256	37.9	8.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40)	Channel	CH 134 : 5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	116.4 PK			1.39 H	294	75.1	41.3
2	*5670.00	107.6 AV			1.39 H	294	66.3	41.3
3	#5725.00	67.2 PK	68.2	-1.0	1.39 H	294	64.0	3.2
4	11340.00	56.9 PK	74.0	-17.1	1.80 H	161	47.9	9.0
5	11340.00	47.3 AV	54.0	-6.7	1.80 H	161	38.3	9.0

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	112.8 PK			2.03 V	5	71.5	41.3
2	*5670.00	102.8 AV			2.03 V	5	61.5	41.3
3	#5725.00	61.5 PK	68.2	-6.7	2.03 V	5	58.3	3.2
4	11340.00	56.2 PK	74.0	-17.8	1.88 V	254	47.2	9.0
5	11340.00	46.7 AV	54.0	-7.3	1.88 V	254	37.7	9.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40)	Channel	CH 142 : 5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 66% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	56.5 PK	68.2	-11.7	1.87 H	66	54.6	1.9
2	*5710.00	114.7 PK			1.87 H	66	73.3	41.4
3	*5710.00	105.5 AV			1.87 H	66	64.1	41.4
4	#5850.00	57.9 PK	68.2	-10.3	1.87 H	66	54.0	3.9
5	11420.00	56.8 PK	74.0	-17.2	1.81 H	159	47.8	9.0
6	11420.00	47.3 AV	54.0	-6.7	1.81 H	159	38.3	9.0

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	56.0 PK	68.2	-12.2	1.13 V	358	54.1	1.9
2	*5710.00	108.0 PK			1.13 V	358	66.6	41.4
3	*5710.00	99.0 AV			1.13 V	358	57.6	41.4
4	#5850.00	57.9 PK	68.2	-10.3	1.13 V	358	54.0	3.9
5	11420.00	56.5 PK	74.0	-17.5	2.01 V	239	47.5	9.0
6	11420.00	47.1 AV	54.0	-6.9	2.01 V	239	38.1	9.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80)	Channel	CH 106 : 5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.9 PK	74.0	-13.1	1.54 H	299	59.0	1.9
2	5460.00	53.3 AV	54.0	-0.7	1.54 H	299	51.4	1.9
3	#5470.00	63.2 PK	68.2	-5.0	1.54 H	299	61.3	1.9
4	*5530.00	110.2 PK			1.54 H	299	69.6	40.6
5	*5530.00	101.1 AV			1.54 H	299	60.5	40.6
6	11060.00	55.9 PK	74.0	-18.1	1.69 H	154	47.3	8.6
7	11060.00	46.2 AV	54.0	-7.8	1.69 H	154	37.6	8.6

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.1 PK	74.0	-15.9	1.95 V	23	56.2	1.9
2	5460.00	47.4 AV	54.0	-6.6	1.95 V	23	45.5	1.9
3	#5470.00	57.7 PK	68.2	-10.5	1.95 V	23	55.8	1.9
4	*5530.00	105.4 PK			1.95 V	23	64.8	40.6
5	*5530.00	96.3 AV			1.95 V	23	55.7	40.6
6	11060.00	54.9 PK	74.0	-19.1	1.92 V	259	46.3	8.6
7	11060.00	45.6 AV	54.0	-8.4	1.92 V	259	37.0	8.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80)	Channel	CH 122 : 5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 69% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	113.5 PK			1.44 H	291	72.4	41.1
2	*5610.00	106.8 AV			1.44 H	291	65.7	41.1
3	#5725.00	67.2 PK	68.2	-1.0	1.44 H	291	64.0	3.2
4	11220.00	55.9 PK	74.0	-18.1	1.75 H	159	46.9	9.0
5	11220.00	46.3 AV	54.0	-7.7	1.75 H	159	37.3	9.0

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	109.7 PK			2.02 V	25	68.6	41.1
2	*5610.00	102.4 AV			2.02 V	25	61.3	41.1
3	#5725.00	63.2 PK	68.2	-5.0	2.02 V	25	60.0	3.2
4	11220.00	55.1 PK	74.0	-18.9	1.80 V	250	46.1	9.0
5	11220.00	45.4 AV	54.0	-8.6	1.80 V	250	36.4	9.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE80)	Channel	CH 138 : 5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 66% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBUV)	Correction Factor (dB/m)
1	#5470.00	56.8 PK	68.2	-11.4	1.96 H	64	54.9	1.9
2	*5690.00	111.3 PK			1.96 H	64	70.0	41.3
3	*5690.00	102.7 AV			1.96 H	64	61.4	41.3
4	#5850.00	61.1 PK	68.2	-7.1	1.96 H	64	57.2	3.9
5	11380.00	56.8 PK	74.0	-17.2	1.79 H	161	47.9	8.9
6	11380.00	47.3 AV	54.0	-6.7	1.79 H	161	38.4	8.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBUV)	Correction Factor (dB/m)
1	#5470.00	57.1 PK	68.2	-11.1	1.00 V	359	55.2	1.9
2	*5690.00	106.2 PK			1.00 V	359	64.9	41.3
3	*5690.00	97.0 AV			1.00 V	359	55.7	41.3
4	#5850.00	58.8 PK	68.2	-9.4	1.00 V	359	54.9	3.9
5	11380.00	56.7 PK	74.0	-17.3	2.05 V	241	47.8	8.9
6	11380.00	47.1 AV	54.0	-6.9	2.05 V	241	38.2	8.9

Remarks:

1. Emission Level(dBUV/m) = Raw Value(dBUV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE160)	Channel	CH 114 : 5570 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 66% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	66.3 PK	68.2	-1.9	1.42 H	69	64.4	1.9
2	*5570.00	107.8 PK			1.42 H	69	67.0	40.8
3	*5570.00	98.2 AV			1.42 H	69	57.4	40.8
4	#5725.00	62.3 PK	68.2	-5.9	1.42 H	69	59.1	3.2
5	11140.00	57.2 PK	74.0	-16.8	1.80 H	157	48.5	8.7
6	11140.00	47.4 AV	54.0	-6.6	1.80 H	157	38.7	8.7

Antenna Polarity & Test Distance : Vertical at 3 m

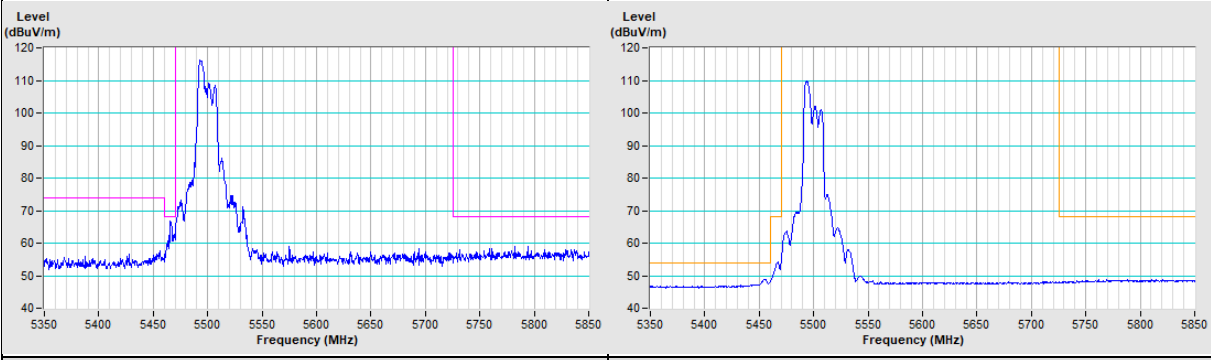
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	61.3 PK	68.2	-6.9	1.00 V	356	59.4	1.9
2	*5570.00	101.0 PK			1.00 V	356	60.2	40.8
3	*5570.00	91.6 AV			1.00 V	356	50.8	40.8
4	#5725.00	59.5 PK	68.2	-8.7	1.00 V	356	56.3	3.2
5	11140.00	57.0 PK	74.0	-17.0	2.11 V	236	48.3	8.7
6	11140.00	47.2 AV	54.0	-6.8	2.11 V	236	38.5	8.7

Remarks:

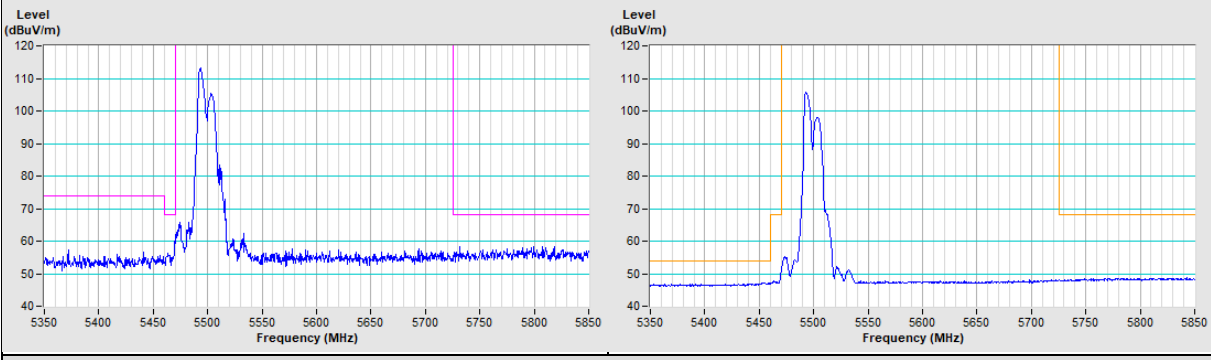
1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

802.11a Channel 100

Horizontal (Peak)Horizontal (Average)

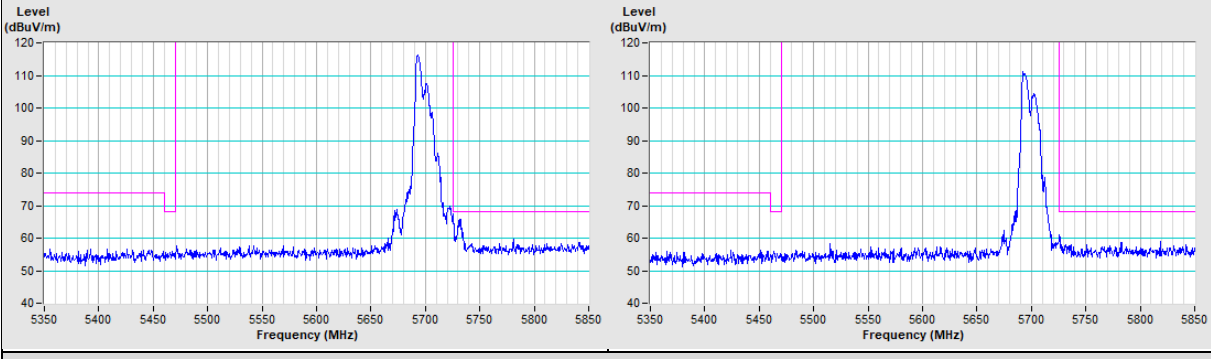


Vertical (Peak)Vertical (Average)



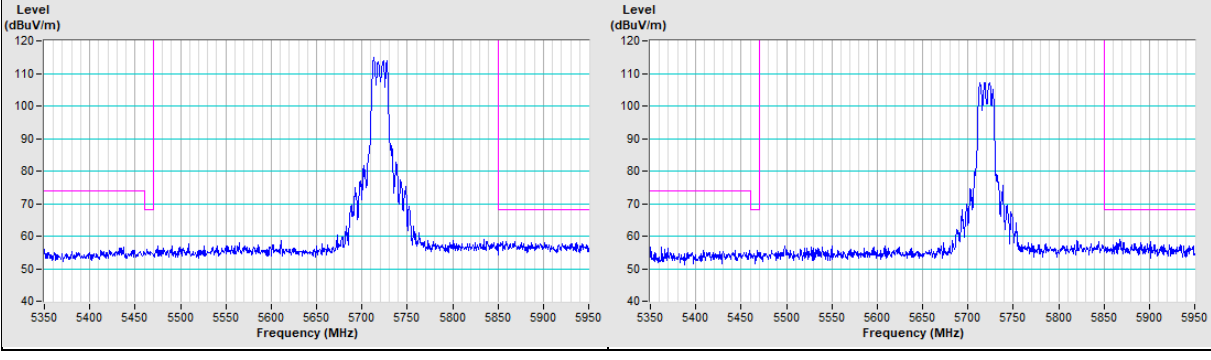
802.11a Channel 140

Horizontal (Peak)Vertical (Peak)



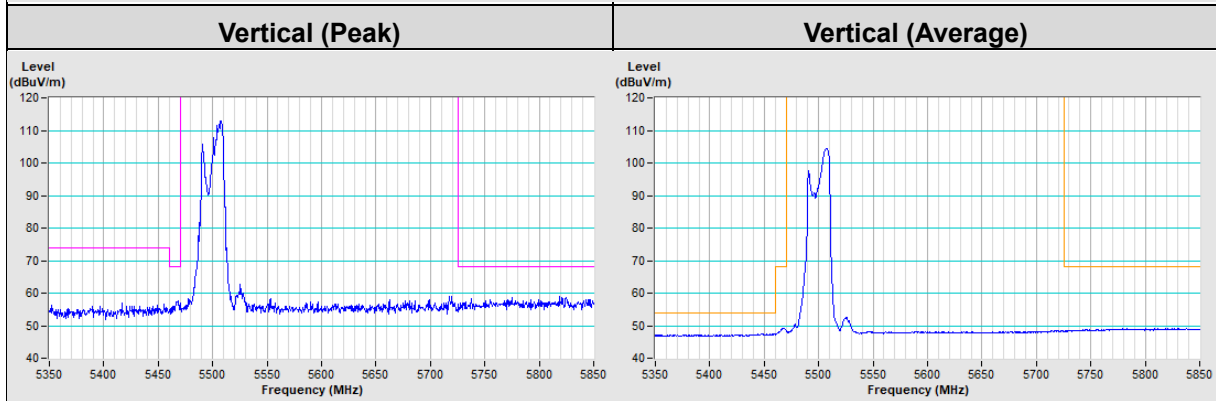
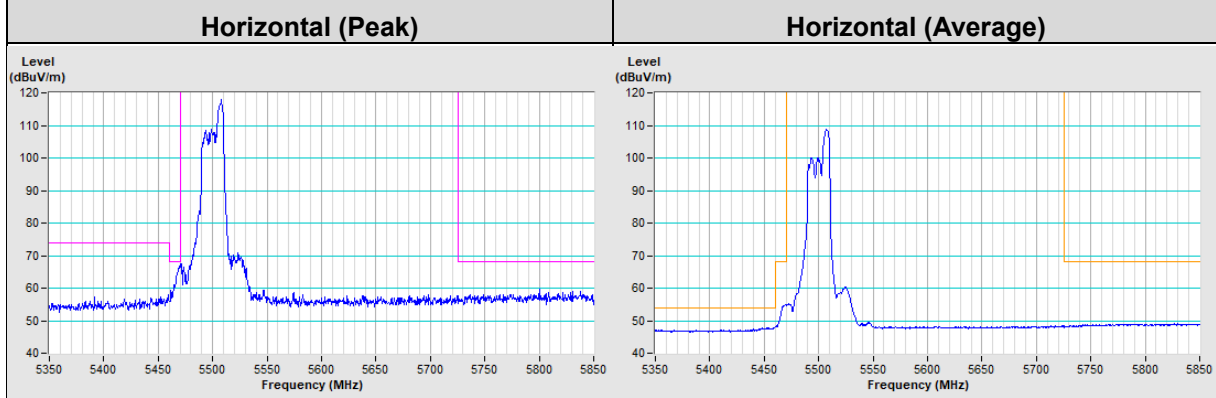
802.11a Channel 144

Horizontal (Peak)Vertical (Peak)

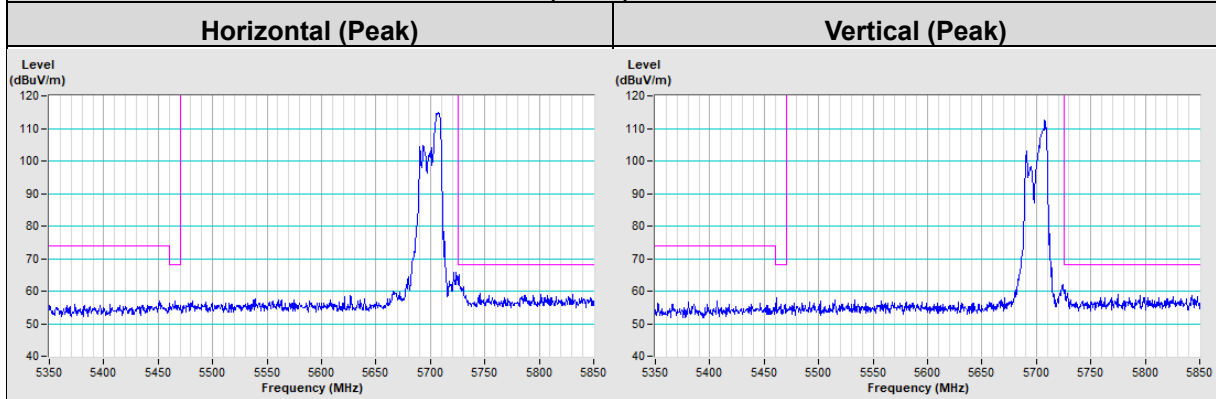




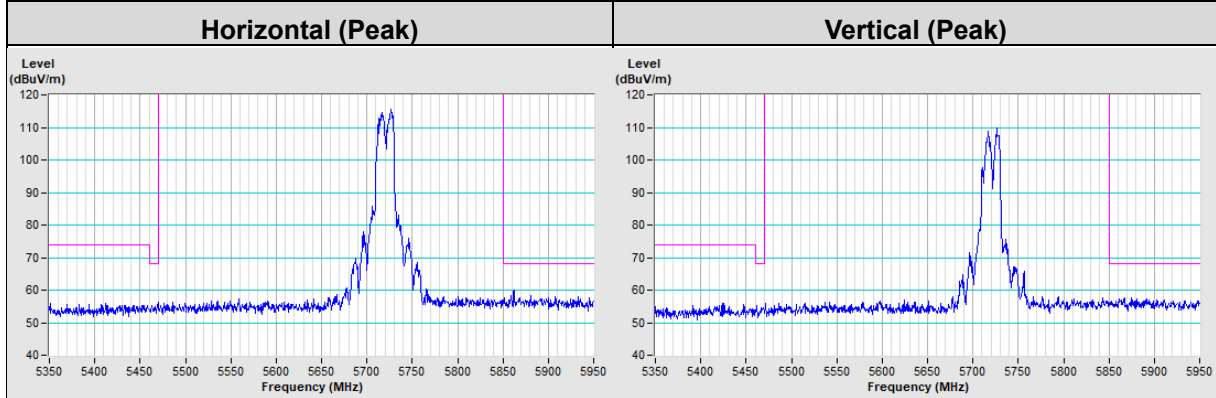
802.11ax (HE20) Channel 100



802.11ax (HE20) Channel 140



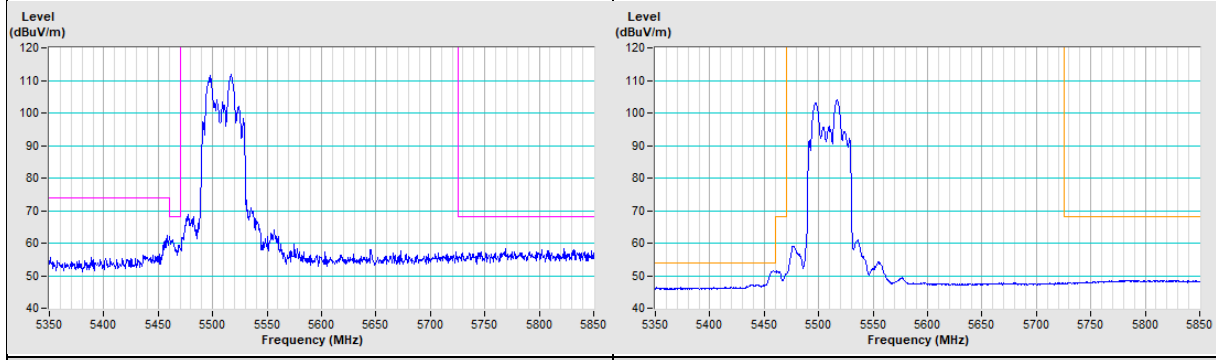
802.11ax (HE20) Channel 144



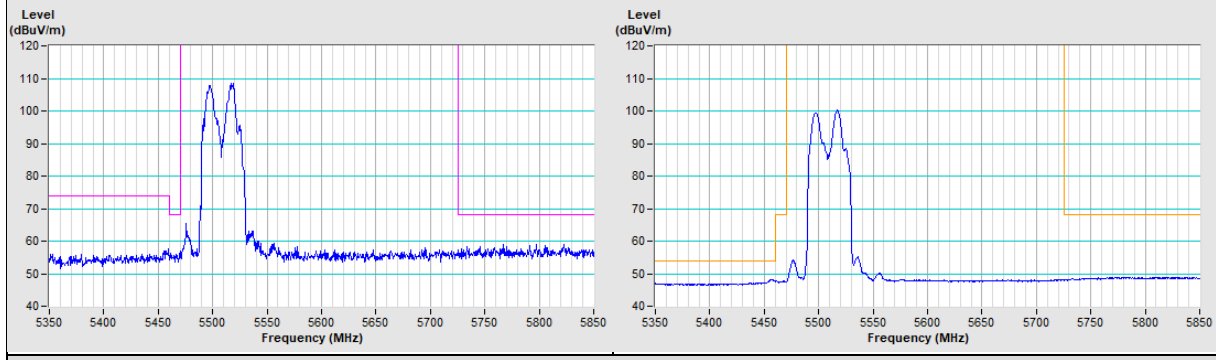


802.11ax (HE40) Channel 102

Horizontal (Peak) **Horizontal (Average)**

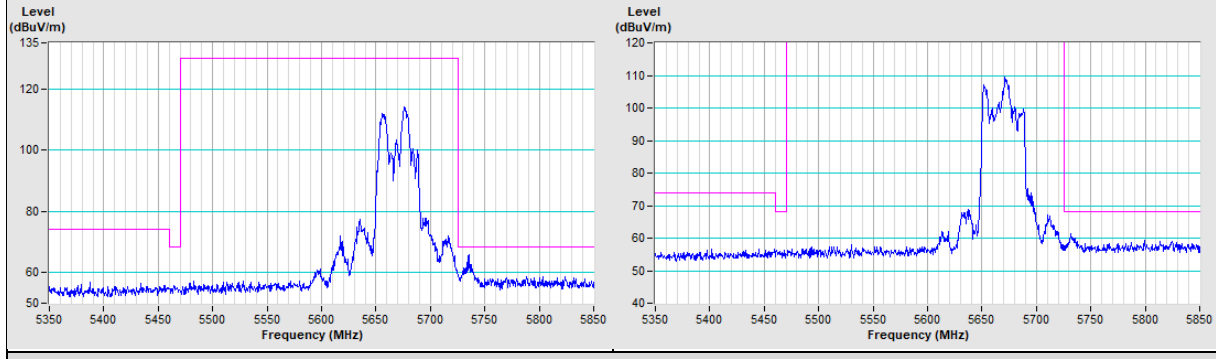


Vertical (Peak) **Vertical (Average)**



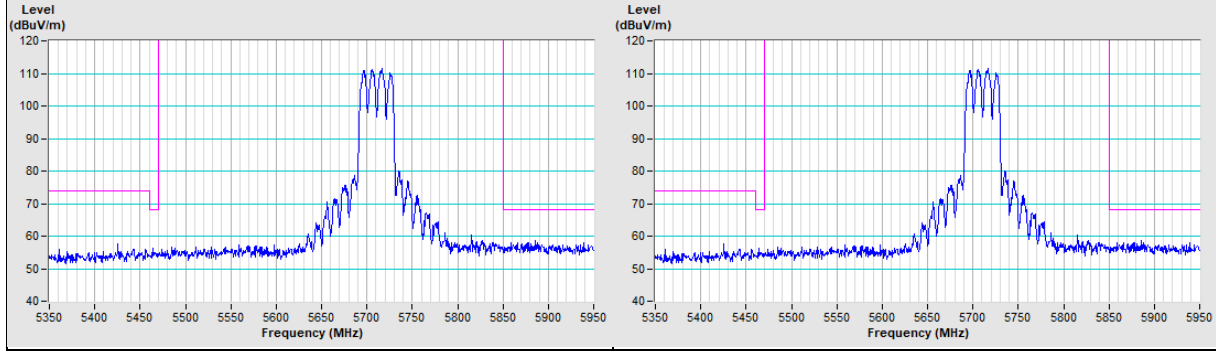
802.11ax (HE40) Channel 134

Horizontal (Peak) **Vertical (Peak)**

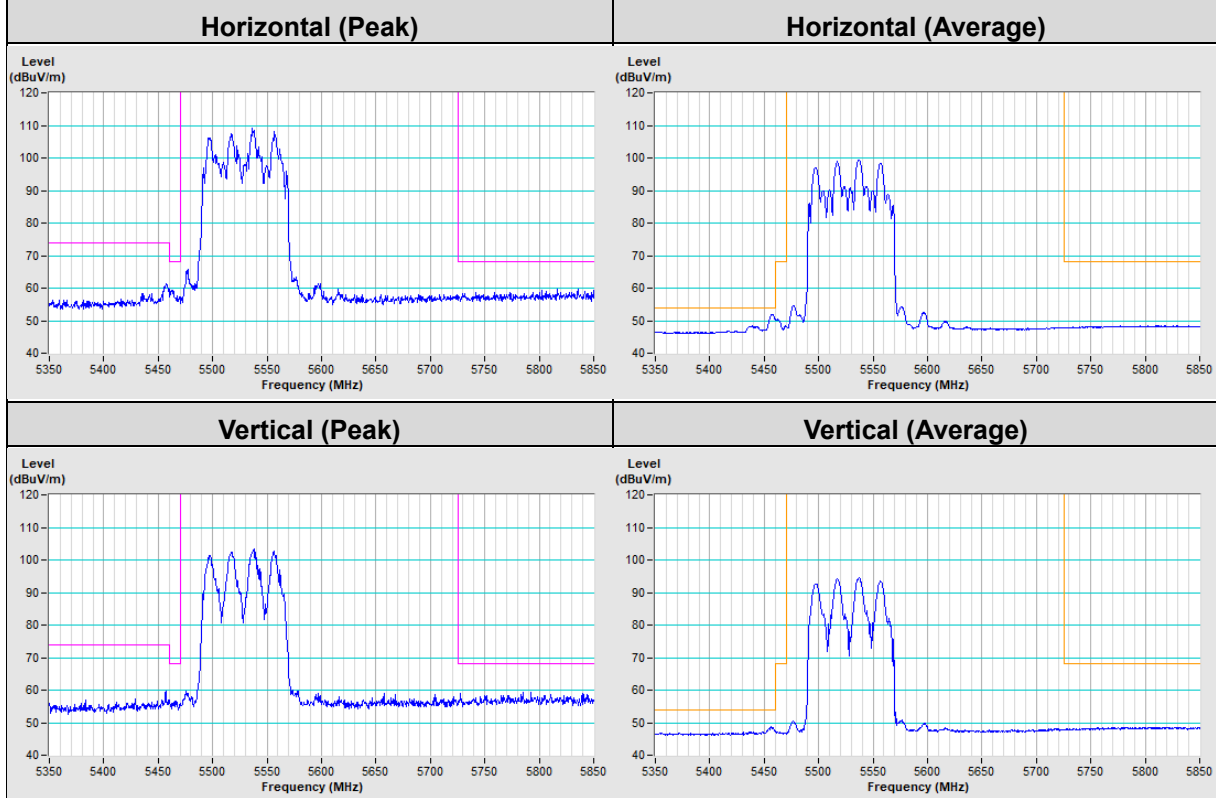


802.11ax (HE40) Channel 142

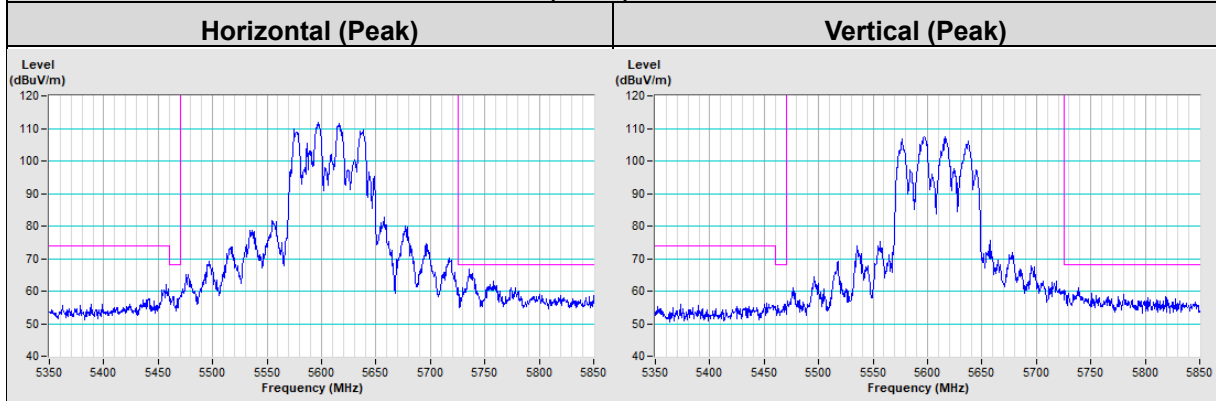
Horizontal (Peak) **Horizontal (Peak)**



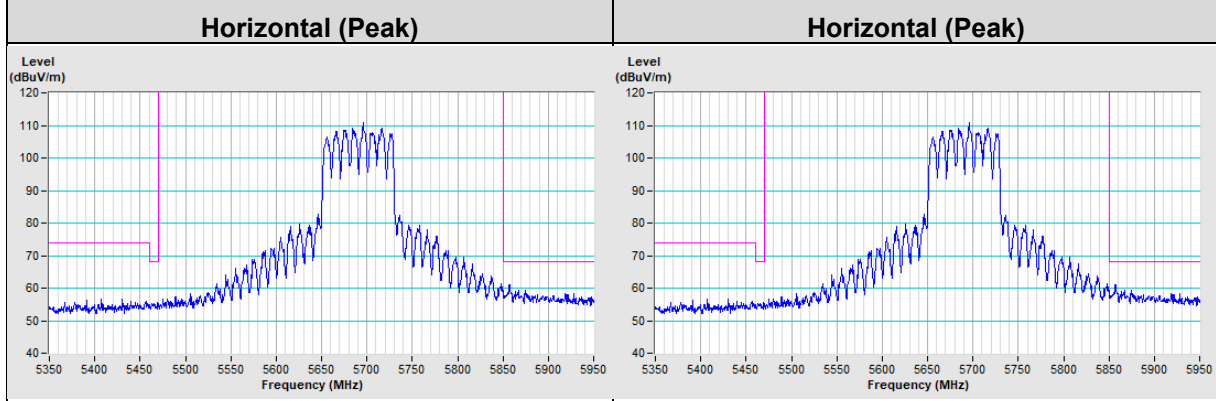
802.11ax (HE80) Channel 106

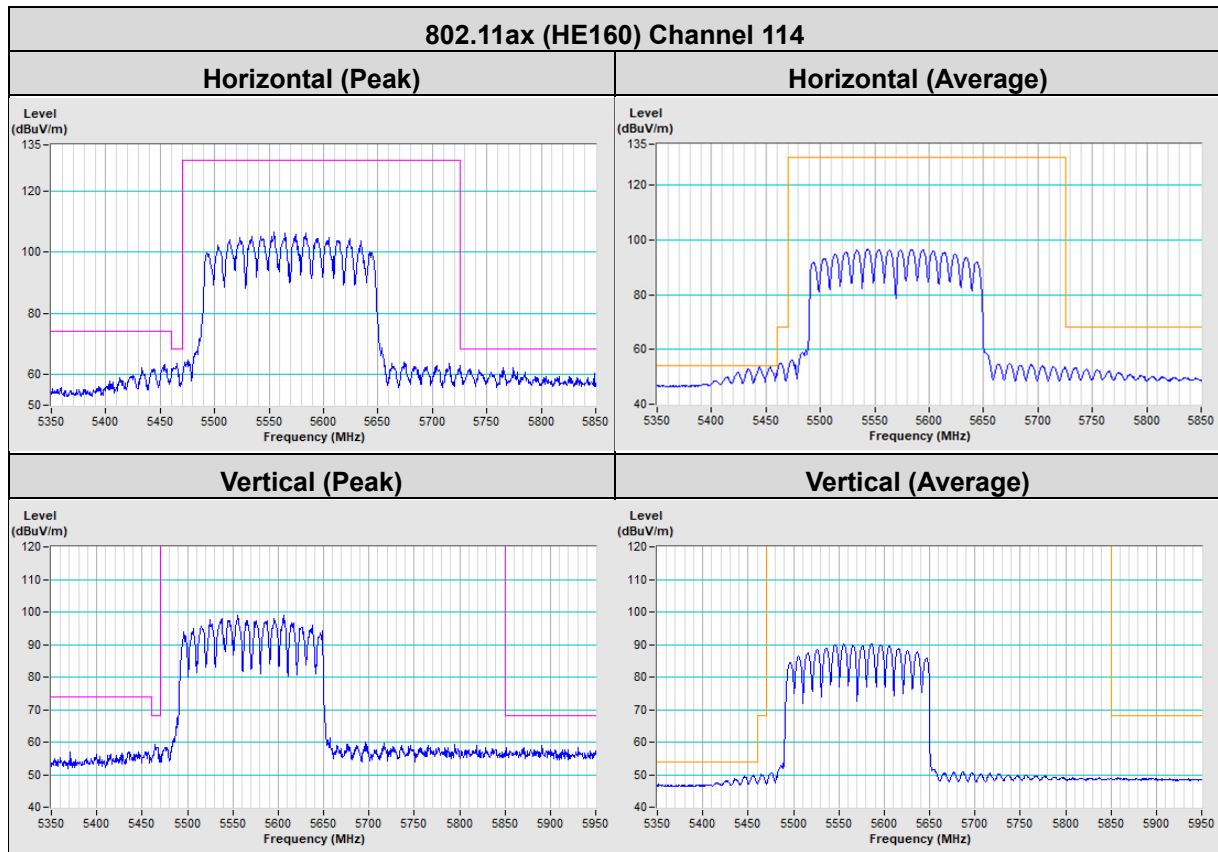


802.11ax (HE80) Channel 122



802.11ax (HE80) Channel 138





Test Mode E: FAP-433G_Radio 2

RF Mode	802.11a	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.8 PK	74.0	-16.2	2.55 H	257	55.3	2.5
2	5150.00	45.6 AV	54.0	-8.4	2.55 H	257	43.1	2.5
3	*5260.00	112.0 PK			2.25 H	257	71.9	40.1
4	*5260.00	101.9 AV			2.25 H	257	61.8	40.1
5	#10520.00	56.6 PK	68.2	-11.6	1.58 H	234	48.1	8.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.1 PK	74.0	-13.9	2.00 V	110	57.6	2.5
2	5150.00	46.9 AV	54.0	-7.1	2.00 V	110	44.4	2.5
3	*5260.00	121.1 PK			2.00 V	110	81.0	40.1
4	*5260.00	111.7 AV			2.00 V	110	71.6	40.1
5	#10520.00	57.1 PK	68.2	-11.1	1.45 V	159	48.6	8.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11a	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	111.0 PK			2.44 H	256	71.0	40.0
2	*5300.00	102.2 AV			2.44 H	256	62.2	40.0
3	10600.00	57.0 PK	74.0	-17.0	1.59 H	238	48.2	8.8
4	10600.00	43.9 AV	54.0	-10.1	1.59 H	238	35.1	8.8

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	121.5 PK			1.82 V	320	81.5	40.0
2	*5300.00	111.9 AV			1.82 V	320	71.9	40.0
3	10600.00	57.3 PK	74.0	-16.7	1.42 V	162	48.5	8.8
4	10600.00	44.2 AV	54.0	-9.8	1.42 V	162	35.4	8.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11a	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	111.2 PK			2.49 H	256	71.2	40.0
2	*5320.00	101.3 AV			2.49 H	256	61.3	40.0
3	5350.00	58.0 PK	74.0	-16.0	2.49 H	256	55.9	2.1
4	5350.00	45.0 AV	54.0	-9.0	2.49 H	256	42.9	2.1
5	10640.00	56.8 PK	74.0	-17.2	1.57 H	234	48.2	8.6
6	10640.00	43.6 AV	54.0	-10.4	1.57 H	234	35.0	8.6

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	121.3 PK			1.97 V	320	81.3	40.0
2	*5320.00	112.0 AV			1.97 V	320	72.0	40.0
3	5350.00	62.1 PK	74.0	-11.9	1.97 V	320	60.0	2.1
4	5350.00	49.3 AV	54.0	-4.7	1.97 V	320	47.2	2.1
5	10640.00	57.3 PK	74.0	-16.7	1.45 V	165	48.7	8.6
6	10640.00	44.1 AV	54.0	-9.9	1.45 V	165	35.5	8.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11a	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.6 PK	74.0	-15.4	2.25 H	175	56.5	2.1
2	5460.00	45.3 AV	54.0	-8.7	2.25 H	175	43.2	2.1
3	#5470.00	59.0 PK	68.2	-9.2	2.25 H	175	56.9	2.1
4	*5500.00	108.3 PK			2.25 H	175	68.2	40.1
5	*5500.00	98.6 AV			2.25 H	175	58.5	40.1
6	11000.00	56.2 PK	74.0	-17.8	1.62 H	104	47.5	8.7
7	11000.00	46.2 AV	54.0	-7.8	1.62 H	104	37.5	8.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.0 PK	74.0	-13.0	2.11 V	297	58.9	2.1
2	5460.00	48.8 AV	54.0	-5.2	2.11 V	297	46.7	2.1
3	#5470.00	62.2 PK	68.2	-6.0	2.11 V	297	60.1	2.1
4	*5500.00	123.0 PK			2.11 V	297	82.9	40.1
5	*5500.00	113.8 AV			2.11 V	297	73.7	40.1
6	11000.00	56.6 PK	74.0	-17.4	1.24 V	166	47.9	8.7
7	11000.00	46.5 AV	54.0	-7.5	1.24 V	166	37.8	8.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	109.2 PK			2.09 H	201	68.3	40.9
2	*5580.00	99.3 AV			2.09 H	201	58.4	40.9
3	11160.00	56.1 PK	74.0	-17.9	1.08 H	241	47.3	8.8
4	11160.00	46.0 AV	54.0	-8.0	1.08 H	241	37.2	8.8

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	122.2 PK			2.03 V	135	81.3	40.9
2	*5580.00	112.7 AV			2.03 V	135	71.8	40.9
3	11160.00	56.6 PK	74.0	-17.4	1.27 V	135	47.8	8.8
4	11160.00	46.4 AV	54.0	-7.6	1.27 V	135	37.6	8.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11a	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	108.0 PK			2.00 H	197	66.6	41.4
2	*5700.00	98.3 AV			2.00 H	197	56.9	41.4
3	#5725.00	60.7 PK	68.2	-7.5	2.00 H	197	57.0	3.7
4	11400.00	57.2 PK	74.0	-16.8	1.66 H	241	47.7	9.5
5	11400.00	47.1 AV	54.0	-6.9	1.66 H	241	37.6	9.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	121.5 PK			1.99 V	110	80.1	41.4
2	*5700.00	113.0 AV			1.99 V	110	71.6	41.4
3	#5725.00	65.4 PK	68.2	-2.8	1.99 V	110	61.7	3.7
4	11400.00	57.2 PK	74.0	-16.8	1.54 V	214	47.7	9.5
5	11400.00	46.8 AV	54.0	-7.2	1.54 V	214	37.3	9.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11a	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	59.6 PK	68.2	-8.6	2.15 H	173	57.5	2.1
2	*5720.00	106.9 PK			2.15 H	173	65.4	41.5
3	*5720.00	97.1 AV			2.15 H	173	55.6	41.5
4	#5850.00	60.2 PK	68.2	-8.0	2.15 H	173	56.5	3.7
5	11440.00	56.8 PK	74.0	-17.2	1.05 H	203	47.2	9.6
6	11440.00	47.3 AV	54.0	-6.7	1.05 H	203	37.7	9.6

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.8 PK	68.2	-9.4	2.06 V	324	56.7	2.1
2	*5720.00	122.1 PK			2.06 V	324	80.6	41.5
3	*5720.00	111.6 AV			2.06 V	324	70.1	41.5
4	#5850.00	60.6 PK	68.2	-7.6	2.06 V	324	56.9	3.7
5	11440.00	57.0 PK	74.0	-17.0	1.24 V	168	47.4	9.6
6	11440.00	46.9 AV	54.0	-7.1	1.24 V	168	37.3	9.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20)	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.7 PK	74.0	-15.3	2.49 H	256	56.2	2.5
2	5150.00	45.5 AV	54.0	-8.5	2.49 H	256	43.0	2.5
3	*5260.00	113.6 PK			2.49 H	256	73.5	40.1
4	*5260.00	101.3 AV			2.49 H	256	61.2	40.1
5	#10520.00	56.7 PK	68.2	-11.5	1.62 H	238	48.2	8.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.5 PK	74.0	-14.5	2.12 V	217	57.0	2.5
2	5150.00	47.2 AV	54.0	-6.8	2.12 V	217	44.7	2.5
3	*5260.00	127.1 PK			2.12 V	217	87.0	40.1
4	*5260.00	113.8 AV			2.12 V	217	73.7	40.1
5	#10520.00	57.1 PK	68.2	-11.1	1.45 V	169	48.6	8.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	114.5 PK			2.47 H	254	74.5	40.0
2	*5300.00	101.3 AV			2.47 H	254	61.3	40.0
3	10600.00	57.0 PK	74.0	-17.0	1.69 H	228	48.2	8.8
4	10600.00	43.8 AV	54.0	-10.2	1.69 H	228	35.0	8.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	124.1 PK			2.19 V	320	84.1	40.0
2	*5300.00	111.5 AV			2.19 V	320	71.5	40.0
3	10600.00	57.3 PK	74.0	-16.7	1.47 V	163	48.5	8.8
4	10600.00	44.0 AV	54.0	-10.0	1.47 V	163	35.2	8.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11ax (HE20)	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	114.3 PK			2.54 H	257	74.3	40.0
2	*5320.00	101.3 AV			2.54 H	257	61.3	40.0
3	5350.00	58.2 PK	74.0	-15.8	2.54 H	257	56.1	2.1
4	5350.00	44.9 AV	54.0	-9.1	2.54 H	257	42.8	2.1
5	10640.00	56.8 PK	74.0	-17.2	1.54 H	231	48.2	8.6
6	10640.00	43.4 AV	54.0	-10.6	1.54 H	231	34.8	8.6

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	124.9 PK			2.18 V	219	84.9	40.0
2	*5320.00	111.7 AV			2.18 V	219	71.7	40.0
3	5350.00	66.2 PK	74.0	-7.8	2.18 V	219	64.1	2.1
4	5350.00	50.5 AV	54.0	-3.5	2.18 V	219	48.4	2.1
5	10640.00	57.1 PK	74.0	-16.9	1.48 V	161	48.5	8.6
6	10640.00	43.8 AV	54.0	-10.2	1.48 V	161	35.2	8.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11ax (HE20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.3 PK	74.0	-16.7	1.99 H	197	55.2	2.1
2	5460.00	44.9 AV	54.0	-9.1	1.99 H	197	42.8	2.1
3	#5470.00	58.1 PK	68.2	-10.1	1.99 H	197	56.0	2.1
4	*5500.00	111.4 PK			1.99 H	197	71.3	40.1
5	*5500.00	98.8 AV			1.99 H	197	58.7	40.1
6	11000.00	55.9 PK	74.0	-18.1	1.62 H	106	47.2	8.7
7	11000.00	45.0 AV	54.0	-9.0	1.62 H	106	36.3	8.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.6 PK	74.0	-13.4	2.07 V	330	58.5	2.1
2	5460.00	48.2 AV	54.0	-5.8	2.07 V	330	46.1	2.1
3	#5470.00	65.9 PK	68.2	-2.3	2.07 V	330	63.8	2.1
4	*5500.00	124.2 PK			2.07 V	330	84.1	40.1
5	*5500.00	111.0 AV			2.07 V	330	70.9	40.1
6	11000.00	56.2 PK	74.0	-17.8	1.25 V	162	47.5	8.7
7	11000.00	45.9 AV	54.0	-8.1	1.25 V	162	37.2	8.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	110.1 PK			2.01 H	200	69.2	40.9
2	*5580.00	97.9 AV			2.01 H	200	57.0	40.9
3	11160.00	56.0 PK	74.0	-18.0	1.72 H	106	47.2	8.8
4	11160.00	45.3 AV	54.0	-8.7	1.72 H	106	36.5	8.8

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	124.6 PK			2.07 V	135	83.7	40.9
2	*5580.00	111.8 AV			2.07 V	135	70.9	40.9
3	11160.00	56.6 PK	74.0	-17.4	1.28 V	169	47.8	8.8
4	11160.00	46.1 AV	54.0	-7.9	1.28 V	169	37.3	8.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11ax (HE20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	109.5 PK			2.07 H	198	68.1	41.4
2	*5700.00	97.2 AV			2.07 H	198	55.8	41.4
3	#5725.00	60.0 PK	68.2	-8.2	2.07 H	198	56.3	3.7
4	11400.00	56.7 PK	74.0	-17.3	1.65 H	95	47.2	9.5
5	11400.00	45.9 AV	54.0	-8.1	1.65 H	95	36.4	9.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	124.6 PK			2.09 V	208	83.2	41.4
2	*5700.00	112.0 AV			2.09 V	208	70.6	41.4
3	#5725.00	67.7 PK	68.2	-0.5	2.09 V	208	64.0	3.7
4	11400.00	57.1 PK	74.0	-16.9	1.32 V	169	47.6	9.5
5	11400.00	46.5 AV	54.0	-7.5	1.32 V	169	37.0	9.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.5 PK	68.2	-9.7	2.07 H	197	56.4	2.1
2	*5720.00	109.4 PK			2.07 H	197	67.9	41.5
3	*5720.00	97.0 AV			2.07 H	197	55.5	41.5
4	#5850.00	59.4 PK	68.2	-8.8	2.07 H	197	55.7	3.7
5	11440.00	56.8 PK	74.0	-17.2	1.65 H	105	47.2	9.6
6	11440.00	45.9 AV	54.0	-8.1	1.65 H	105	36.3	9.6

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	59.2 PK	68.2	-9.0	2.05 V	59	57.1	2.1
2	*5720.00	125.9 PK			2.05 V	59	84.4	41.5
3	*5720.00	112.9 AV			2.05 V	59	71.4	41.5
4	#5850.00	60.2 PK	68.2	-8.0	2.05 V	59	56.5	3.7
5	11440.00	57.2 PK	74.0	-16.8	1.29 V	164	47.6	9.6
6	11440.00	46.9 AV	54.0	-7.1	1.29 V	164	37.3	9.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40)	Channel	CH 54 : 5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.4 PK	74.0	-15.6	2.54 H	255	55.9	2.5
2	5150.00	45.5 AV	54.0	-8.5	2.54 H	255	43.0	2.5
3	*5270.00	112.2 PK			2.54 H	255	72.1	40.1
4	*5270.00	100.3 AV			2.54 H	255	60.2	40.1
5	5350.00	58.1 PK	74.0	-15.9	2.54 H	255	56.0	2.1
6	5350.00	45.0 AV	54.0	-9.0	2.54 H	255	42.9	2.1
7	#10540.00	56.6 PK	68.2	-11.6	1.59 H	233	48.0	8.6

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.6 PK	74.0	-12.4	2.16 V	249	59.1	2.5
2	5150.00	47.1 AV	54.0	-6.9	2.16 V	249	44.6	2.5
3	*5270.00	123.8 PK			2.16 V	249	83.7	40.1
4	*5270.00	111.2 AV			2.16 V	249	71.1	40.1
5	5350.00	60.7 PK	74.0	-13.3	2.16 V	249	58.6	2.1
6	5350.00	48.6 AV	54.0	-5.4	2.16 V	249	46.5	2.1
7	#10540.00	56.9 PK	68.2	-11.3	1.42 V	165	48.3	8.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40)	Channel	CH 62 : 5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	111.1 PK			2.33 H	256	71.1	40.0
2	*5310.00	98.9 AV			2.33 H	256	58.9	40.0
3	5350.00	61.2 PK	74.0	-12.8	2.33 H	256	59.1	2.1
4	5350.00	46.8 AV	54.0	-7.2	2.33 H	256	44.7	2.1
5	10620.00	56.7 PK	74.0	-17.3	1.58 H	242	48.0	8.7
6	10620.00	43.2 AV	54.0	-10.8	1.58 H	242	34.5	8.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	121.1 PK			2.19 V	245	81.1	40.0
2	*5310.00	108.5 AV			2.19 V	245	68.5	40.0
3	5350.00	67.3 PK	74.0	-6.7	2.19 V	245	65.2	2.1
4	5350.00	53.5 AV	54.0	-0.5	2.19 V	245	51.4	2.1
5	10620.00	56.9 PK	74.0	-17.1	1.42 V	169	48.2	8.7
6	10620.00	43.5 AV	54.0	-10.5	1.42 V	169	34.8	8.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11ax (HE40)	Channel	CH 102 : 5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.1 PK	74.0	-15.9	2.09 H	96	56.0	2.1
2	5460.00	44.9 AV	54.0	-9.1	2.09 H	96	42.8	2.1
3	#5470.00	58.7 PK	68.2	-9.5	2.09 H	96	56.6	2.1
4	*5510.00	106.4 PK			2.09 H	96	66.1	40.3
5	*5510.00	93.9 AV			2.09 H	96	53.6	40.3
6	11020.00	55.7 PK	74.0	-18.3	1.65 H	101	47.0	8.7
7	11020.00	44.8 AV	54.0	-9.2	1.65 H	101	36.1	8.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.9 PK	74.0	-13.1	2.12 V	225	58.8	2.1
2	5460.00	47.7 AV	54.0	-6.3	2.12 V	225	45.6	2.1
3	#5470.00	67.9 PK	68.2	-0.3	2.12 V	225	65.8	2.1
4	*5510.00	120.3 PK			2.12 V	225	80.0	40.3
5	*5510.00	107.3 AV			2.12 V	225	67.0	40.3
6	11020.00	55.9 PK	74.0	-18.1	1.32 V	168	47.2	8.7
7	11020.00	45.2 AV	54.0	-8.8	1.32 V	168	36.5	8.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40)	Channel	CH 110 : 5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	109.5 PK			2.18 H	110	68.9	40.6
2	*5550.00	96.3 AV			2.18 H	110	55.7	40.6
3	11100.00	56.1 PK	74.0	-17.9	1.65 H	102	47.2	8.9
4	11100.00	44.7 AV	54.0	-9.3	1.65 H	102	35.8	8.9

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	123.4 PK			2.19 V	242	82.8	40.6
2	*5550.00	110.5 AV			2.19 V	242	69.9	40.6
3	11100.00	56.2 PK	74.0	-17.8	1.35 V	165	47.3	8.9
4	11100.00	45.2 AV	54.0	-8.8	1.35 V	165	36.3	8.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11ax (HE40)	Channel	CH 134 : 5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	106.9 PK			2.11 H	176	65.5	41.4
2	*5670.00	94.3 AV			2.11 H	176	52.9	41.4
3	#5725.00	60.3 PK	68.2	-7.9	2.11 H	176	56.6	3.7
4	11340.00	56.5 PK	74.0	-17.5	1.65 H	113	47.0	9.5
5	11340.00	45.4 AV	54.0	-8.6	1.65 H	113	35.9	9.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	122.8 PK			2.25 V	211	81.4	41.4
2	*5670.00	110.1 AV			2.25 V	211	68.7	41.4
3	#5725.00	68.0 PK	68.2	-0.2	2.25 V	211	64.3	3.7
4	11340.00	56.6 PK	74.0	-17.4	1.35 V	165	47.1	9.5
5	11340.00	45.8 AV	54.0	-8.2	1.35 V	165	36.3	9.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40)	Channel	CH 142 : 5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.6 PK	68.2	-9.6	2.11 H	109	56.5	2.1
2	*5710.00	106.8 PK			2.11 H	109	65.3	41.5
3	*5710.00	93.8 AV			2.11 H	109	52.3	41.5
4	#5850.00	60.2 PK	68.2	-8.0	2.11 H	109	56.5	3.7
5	11420.00	56.6 PK	74.0	-17.4	1.59 H	104	47.0	9.6
6	11420.00	45.5 AV	54.0	-8.5	1.59 H	104	35.9	9.6

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	59.5 PK	68.2	-8.7	2.28 V	210	57.4	2.1
2	*5710.00	123.2 PK			2.28 V	210	81.7	41.5
3	*5710.00	110.3 AV			2.28 V	210	68.8	41.5
4	#5850.00	60.2 PK	68.2	-8.0	2.28 V	210	56.5	3.7
5	11420.00	56.8 PK	74.0	-17.2	1.32 V	169	47.2	9.6
6	11420.00	46.0 AV	54.0	-8.0	1.32 V	169	36.4	9.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80)	Channel	CH 58 : 5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.5 PK	74.0	-15.5	2.43 H	256	56.0	2.5
2	5150.00	45.5 AV	54.0	-8.5	2.43 H	256	43.0	2.5
3	*5290.00	107.3 PK			2.43 H	256	67.3	40.0
4	*5290.00	94.4 AV			2.43 H	256	54.4	40.0
5	5350.00	58.9 PK	74.0	-15.1	2.43 H	256	56.8	2.1
6	5350.00	46.6 AV	54.0	-7.4	2.43 H	256	44.5	2.1
7	#10580.00	56.5 PK	68.2	-11.7	1.52 H	228	47.8	8.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.0 PK	74.0	-14.0	2.21 V	320	57.5	2.5
2	5150.00	46.5 AV	54.0	-7.5	2.21 V	320	44.0	2.5
3	*5290.00	115.4 PK			2.21 V	320	75.4	40.0
4	*5290.00	103.2 AV			2.21 V	320	63.2	40.0
5	5350.00	65.9 PK	74.0	-8.1	2.21 V	320	63.8	2.1
6	5350.00	53.7 AV	54.0	-0.3	2.21 V	320	51.6	2.1
7	#10580.00	56.7 PK	68.2	-11.5	1.44 V	159	48.0	8.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80)	Channel	CH 106 : 5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.7 PK	74.0	-15.3	2.25 H	110	56.6	2.1
2	5460.00	44.9 AV	54.0	-9.1	2.25 H	110	42.8	2.1
3	#5470.00	58.0 PK	68.2	-10.2	2.25 H	110	55.9	2.1
4	*5530.00	100.9 PK			2.25 H	110	60.5	40.4
5	*5530.00	90.1 AV			2.25 H	110	49.7	40.4
6	#5725.00	59.5 PK	68.2	-8.7	2.25 H	110	55.8	3.7
7	11060.00	55.8 PK	74.0	-18.2	1.65 H	102	47.0	8.8
8	11060.00	44.3 AV	54.0	-9.7	1.65 H	102	35.5	8.8

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	67.1 PK	74.0	-6.9	2.09 V	295	65.0	2.1
2	5460.00	51.4 AV	54.0	-2.6	2.09 V	295	49.3	2.1
3	#5470.00	67.3 PK	68.2	-0.9	2.09 V	295	65.2	2.1
4	*5530.00	117.0 PK			2.09 V	295	76.6	40.4
5	*5530.00	103.9 AV			2.09 V	295	63.5	40.4
6	#5725.00	60.8 PK	68.2	-7.4	2.09 V	295	57.1	3.7
7	11060.00	56.0 PK	74.0	-18.0	1.32 V	173	47.2	8.8
8	11060.00	44.6 AV	54.0	-9.4	1.32 V	173	35.8	8.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80)	Channel	CH 122 : 5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.3 PK	74.0	-15.7	2.08 H	109	56.2	2.1
2	5460.00	44.6 AV	54.0	-9.4	2.08 H	109	42.5	2.1
3	#5470.00	58.0 PK	68.2	-10.2	2.08 H	109	55.9	2.1
4	*5610.00	104.7 PK			2.08 H	109	63.6	41.1
5	*5610.00	92.8 AV			2.08 H	109	51.7	41.1
6	#5725.00	59.5 PK	68.2	-8.7	2.08 H	109	55.8	3.7
7	11220.00	55.9 PK	74.0	-18.1	1.65 H	105	47.0	8.9
8	11220.00	44.4 AV	54.0	-9.6	1.65 H	105	35.5	8.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.5 PK	74.0	-13.5	2.09 V	224	58.4	2.1
2	5460.00	47.5 AV	54.0	-6.5	2.09 V	224	45.4	2.1
3	#5470.00	61.3 PK	68.2	-6.9	2.09 V	224	59.2	2.1
4	*5610.00	120.2 PK			2.09 V	224	79.1	41.1
5	*5610.00	107.7 AV			2.09 V	224	66.6	41.1
6	#5725.00	66.7 PK	68.2	-1.5	2.09 V	224	63.0	3.7
7	11220.00	56.2 PK	74.0	-17.8	1.36 V	175	47.3	8.9
8	11220.00	44.5 AV	54.0	-9.5	1.36 V	175	35.6	8.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80)	Channel	CH 138 : 5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.7 PK	68.2	-9.5	2.21 H	196	56.6	2.1
2	*5690.00	103.4 PK			2.21 H	196	62.0	41.4
3	*5690.00	91.2 AV			2.21 H	196	49.8	41.4
4	#5850.00	60.1 PK	68.2	-8.1	2.21 H	196	56.4	3.7
5	11380.00	56.5 PK	74.0	-17.5	1.69 H	98	47.0	9.5
6	11380.00	45.0 AV	54.0	-9.0	1.69 H	98	35.5	9.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	60.1 PK	68.2	-8.1	2.20 V	210	58.0	2.1
2	*5690.00	120.4 PK			2.20 V	210	79.0	41.4
3	*5690.00	107.3 AV			2.20 V	210	65.9	41.4
4	#5850.00	60.6 PK	68.2	-7.6	2.20 V	210	56.9	3.7
5	11380.00	56.7 PK	74.0	-17.3	1.34 V	171	47.2	9.5
6	11380.00	45.2 AV	54.0	-8.8	1.34 V	171	35.7	9.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80+HE80)	Channel	CH 42 : 5210 MHz+ CH 58 : 5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	26°C, 76% RH
Tested By	Randy Wu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.6 PK	74.0	-16.4	1.06 H	264	55.0	2.6
2	5150.00	48.4 AV	54.0	-5.6	1.06 H	264	45.8	2.6
3	*5210.00	97.0 PK			1.06 H	264	55.9	41.1
4	*5210.00	89.5 AV			1.06 H	264	48.4	41.1
5	*5290.00	96.1 PK			1.12 H	70	55.1	41.0
6	*5290.00	88.4 AV			1.12 H	70	47.4	41.0
7	5350.00	57.2 PK	74.0	-16.8	1.06 H	264	54.8	2.4
8	5350.00	47.7 AV	54.0	-6.3	1.06 H	264	45.3	2.4
9	#10420.00	55.5 PK	68.2	-12.7	1.21 H	50	47.4	8.1
10	#10580.00	56.1 PK	68.2	-12.1	2.14 H	20	47.4	8.7

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.8 PK	74.0	-16.2	2.07 V	288	55.2	2.6
2	5150.00	53.2 AV	54.0	-0.8	2.07 V	288	50.6	2.6
3	*5210.00	106.5 PK			2.07 V	288	65.4	41.1
4	*5210.00	98.9 AV			2.07 V	288	57.8	41.1
5	*5290.00	109.6 PK			1.76 V	265	68.6	41.0
6	*5290.00	98.6 AV			1.76 V	265	57.6	41.0
7	5350.00	58.2 PK	74.0	-15.8	2.07 V	288	55.8	2.4
8	5350.00	50.5 AV	54.0	-3.5	2.07 V	288	48.1	2.4
9	#10420.00	55.5 PK	68.2	-12.7	2.21 V	252	47.4	8.1
10	#10580.00	56.3 PK	68.2	-11.9	1.82 V	225	47.6	8.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE80+HE80)	Channel	CH 106 : 5530 MHz+ CH 122 : 5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	26°C, 76% RH
Tested By	Randy Wu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	54.7 PK	74.0	-19.3	1.56 H	186	52.2	2.5
2	5460.00	45.5 AV	54.0	-8.5	1.56 H	186	43.0	2.5
3	#5470.00	56.0 PK	68.2	-12.2	1.56 H	186	53.4	2.6
4	*5530.00	97.8 PK			1.56 H	186	56.3	41.5
5	*5530.00	89.6 AV			1.56 H	186	48.1	41.5
6	*5610.00	96.6 PK			2.25 H	283	54.6	42.0
7	*5610.00	90.2 AV			2.25 H	283	48.2	42.0
8	#5725.00	57.3 PK	68.2	-10.9	1.56 H	186	53.5	3.8
9	11060.00	57.3 PK	74.0	-16.7	2.14 H	223	48.6	8.7
10	11060.00	47.3 AV	54.0	-6.7	2.14 H	223	38.6	8.7
11	11220.00	57.4 PK	74.0	-16.6	2.14 H	263	48.6	8.8
12	11220.00	46.3 AV	54.0	-7.7	2.14 H	263	37.5	8.8

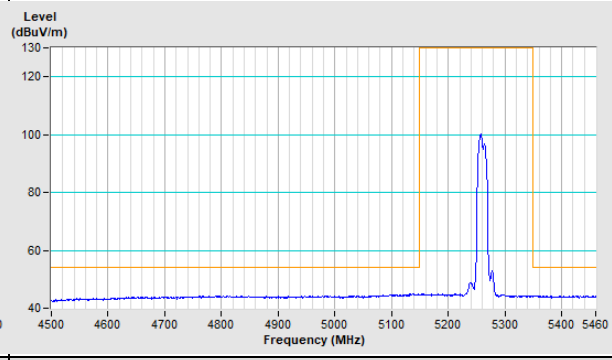
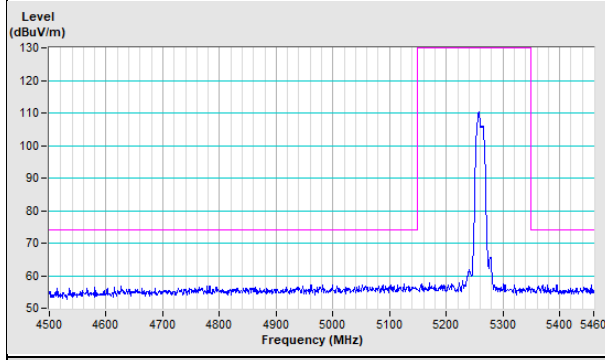
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.1 PK	74.0	-13.9	2.12 V	114	57.6	2.5
2	5460.00	53.8 AV	54.0	-0.2	2.12 V	114	51.3	2.5
3	#5470.00	63.0 PK	68.2	-5.2	2.12 V	114	60.4	2.6
4	*5530.00	108.7 PK			2.12 V	114	67.2	41.5
5	*5530.00	101.5 AV			2.12 V	114	60.0	41.5
6	*5610.00	108.8 PK			2.05 V	308	66.8	42.0
7	*5610.00	100.8 AV			2.05 V	308	58.8	42.0
8	#5725.00	57.3 PK	68.2	-10.9	2.12 V	114	53.5	3.8
9	11060.00	57.3 PK	74.0	-16.7	2.00 V	122	48.6	8.7
10	11060.00	47.2 AV	54.0	-6.8	2.00 V	122	38.5	8.7
11	11220.00	57.0 PK	74.0	-17.0	2.54 V	311	48.2	8.8
12	11220.00	47.4 AV	54.0	-6.6	2.54 V	311	38.6	8.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

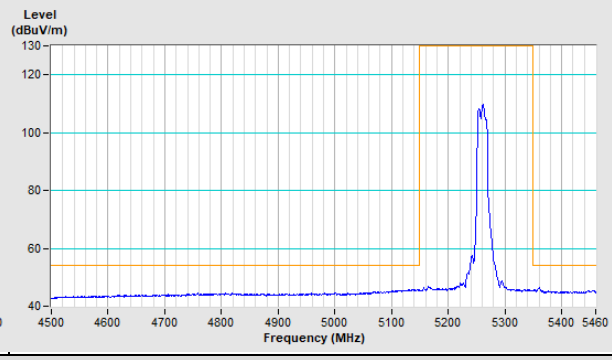
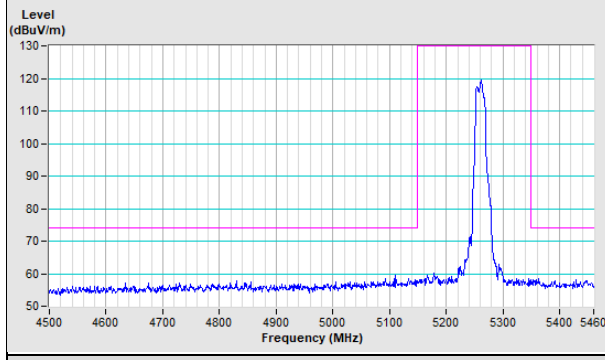
802.11a Channel 52

Horizontal (Peak) **Horizontal (Average)**



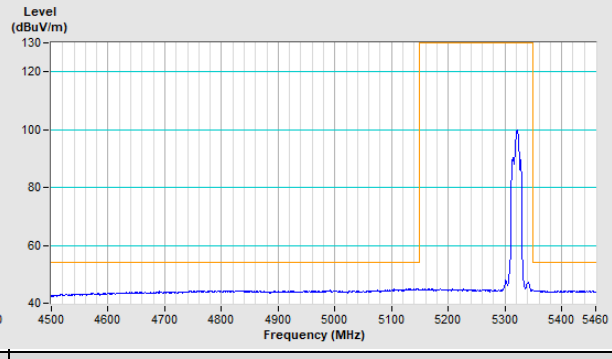
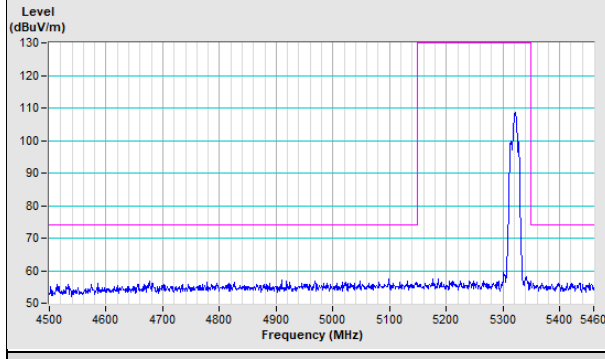
Vertical (Peak)

Vertical (Average)



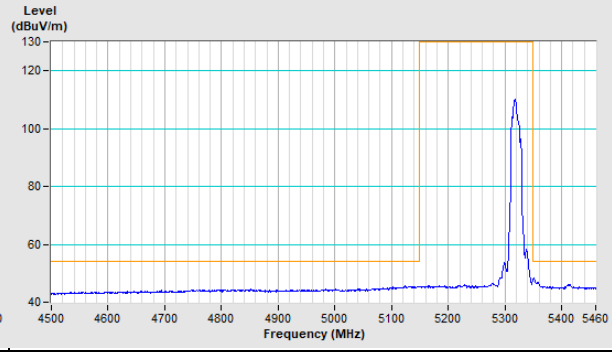
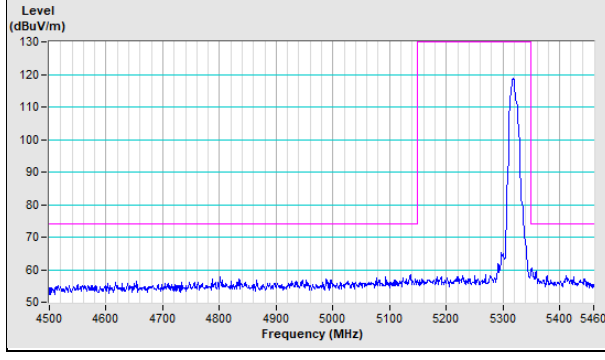
802.11a Channel 64

Horizontal (Peak) **Horizontal (Average)**



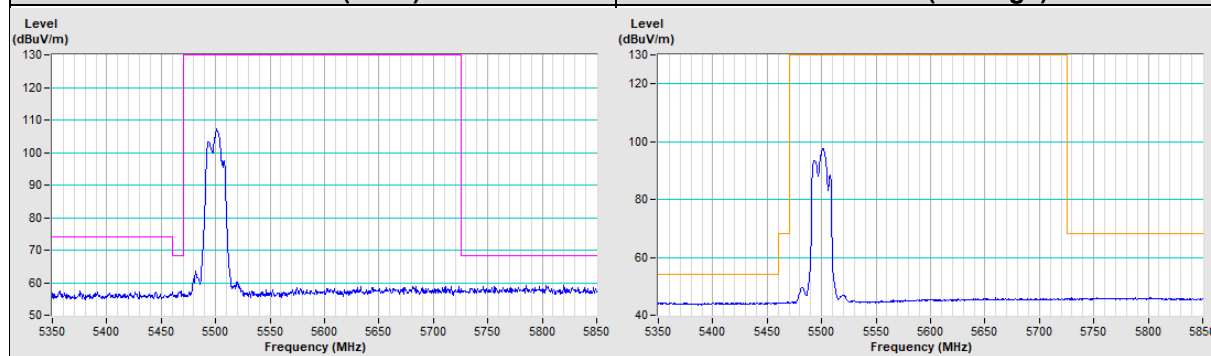
Vertical (Peak)

Vertical (Average)

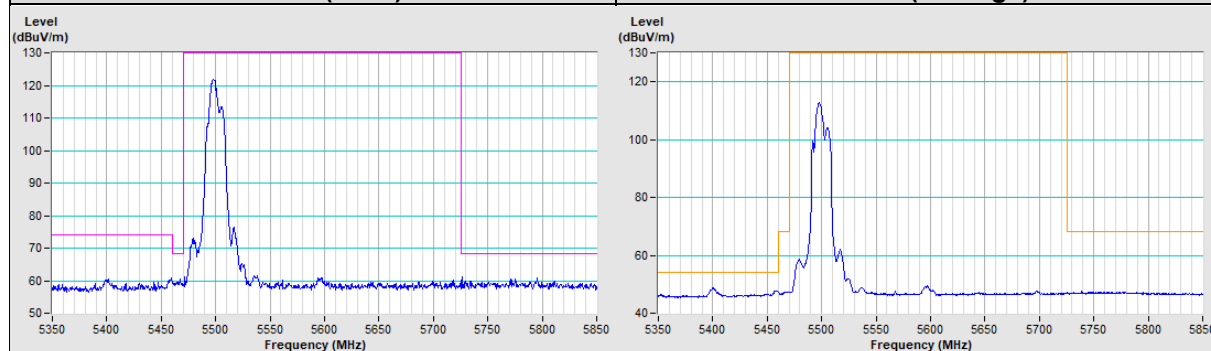


802.11a Channel 100

Horizontal (Peak) **Horizontal (Average)**

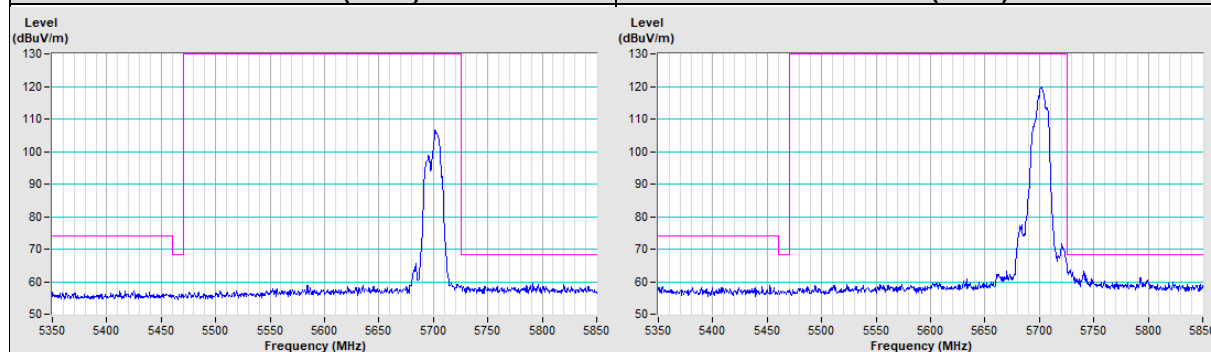


Vertical (Peak) **Vertical (Average)**



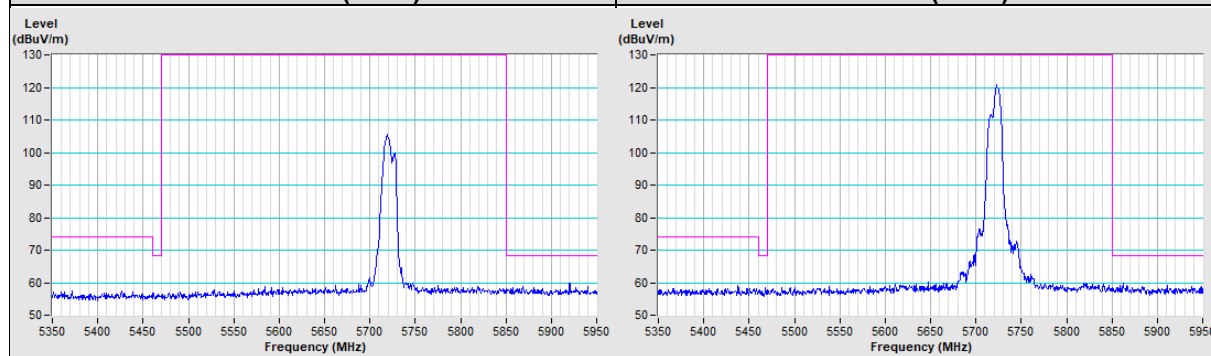
802.11a Channel 140

Horizontal (Peak) **Vertical (Peak)**



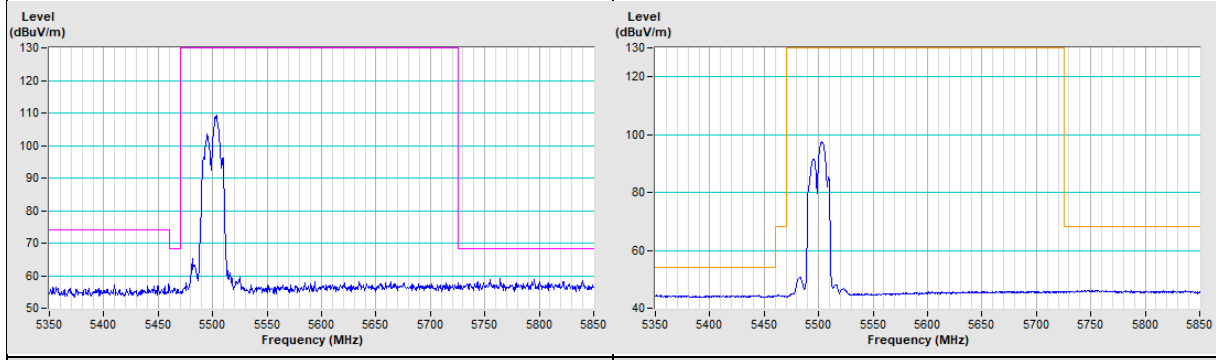
802.11a Channel 144

Horizontal (Peak) **Vertical (Peak)**

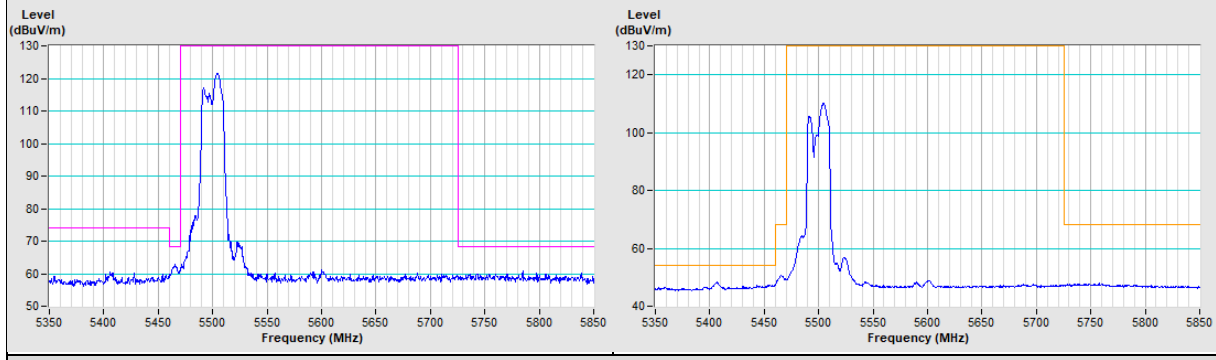


802.11ax (HE20) Channel 100

Horizontal (Peak) **Horizontal (Average)**

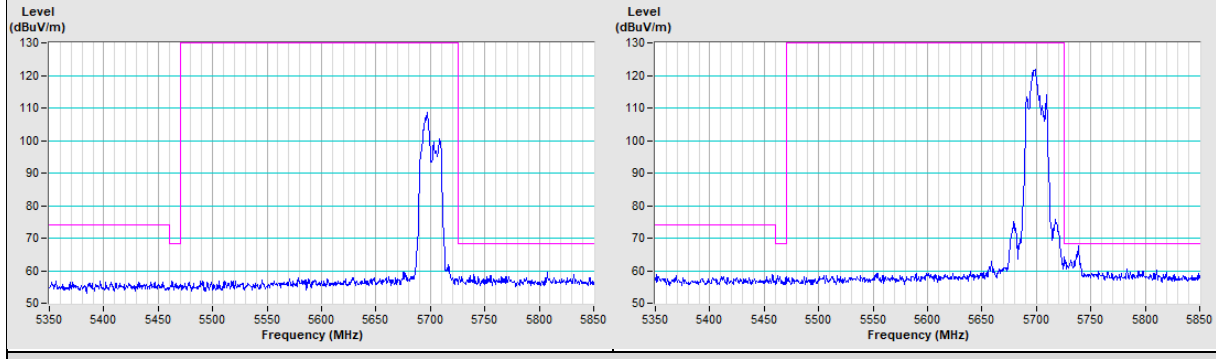


Vertical (Peak) **Vertical (Average)**



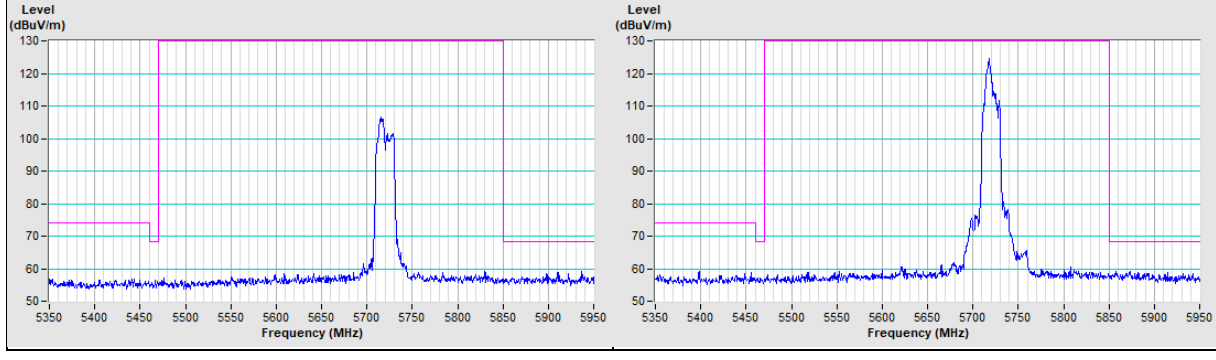
802.11ax (HE20) Channel 140

Horizontal (Peak) **Vertical (Peak)**



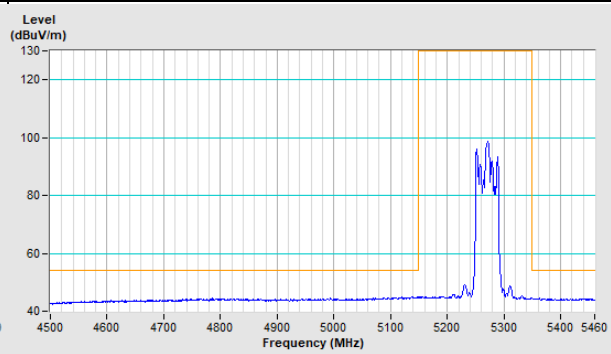
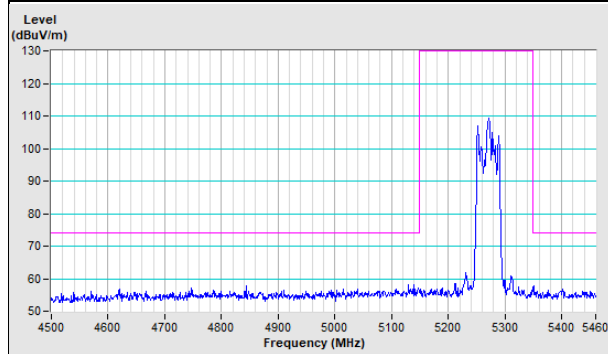
802.11ax (HE20) Channel 144

Horizontal (Peak) **Vertical (Peak)**



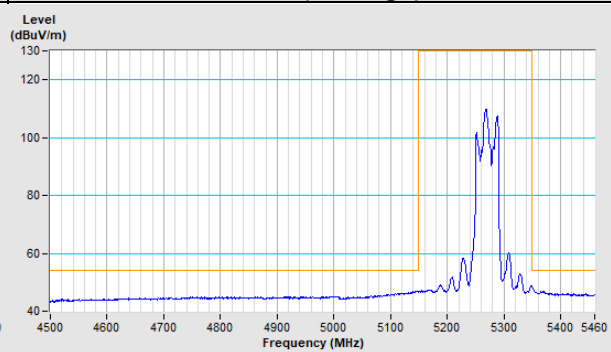
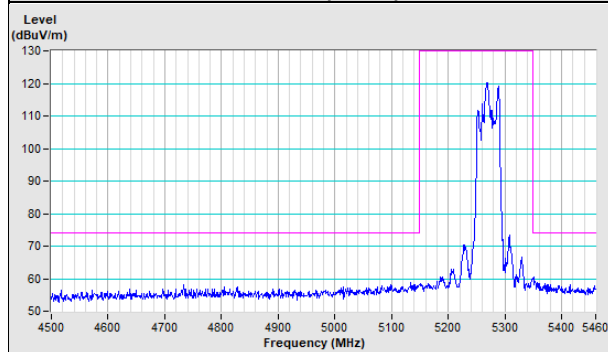
802.11ax (HE40) Channel 54

Horizontal (Peak) **Horizontal (Average)**



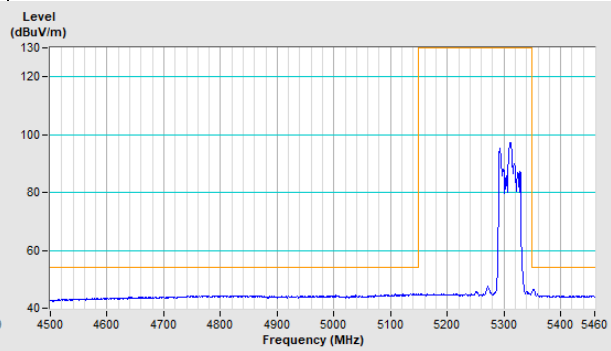
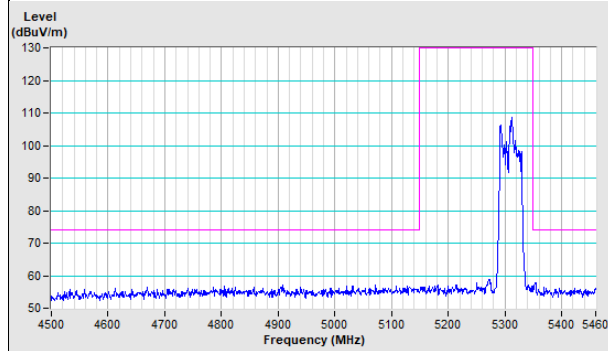
Vertical (Peak)

Vertical (Average)



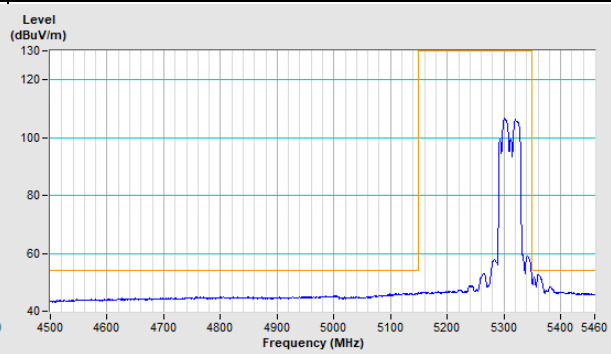
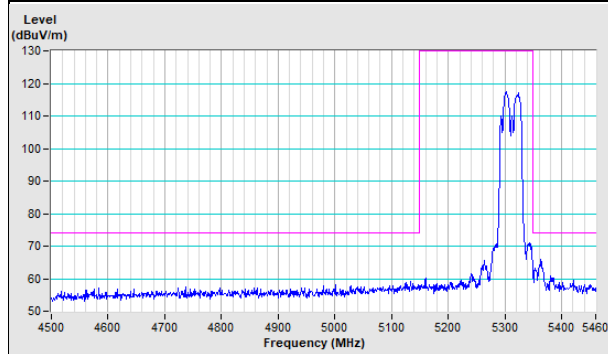
802.11ax (HE40) Channel 62

Horizontal (Peak) **Horizontal (Average)**



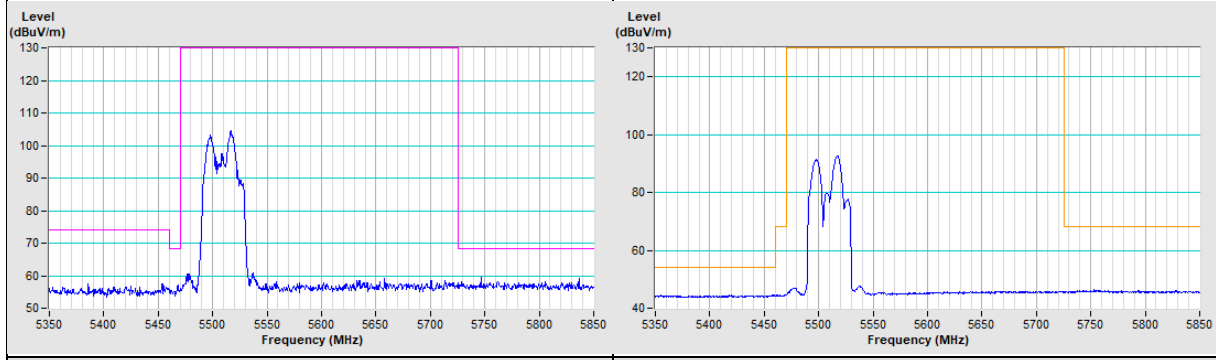
Vertical (Peak)

Vertical (Average)

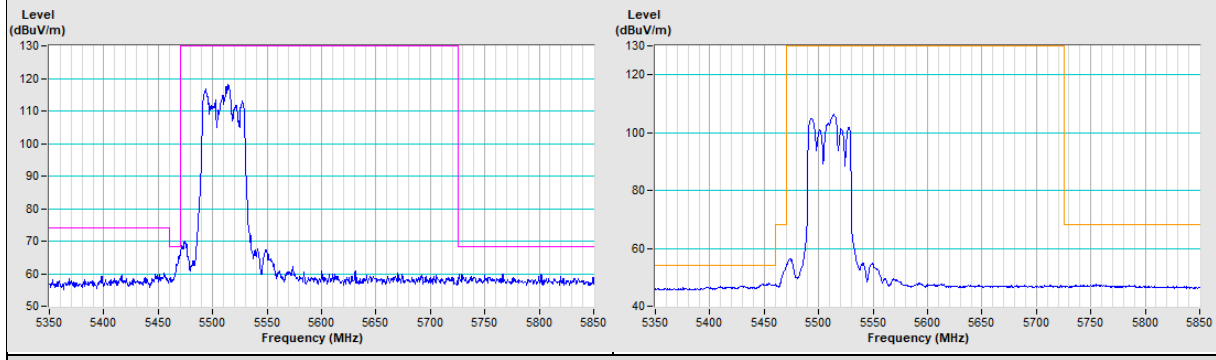


802.11ax (HE40) Channel 102

Horizontal (Peak) **Horizontal (Average)**

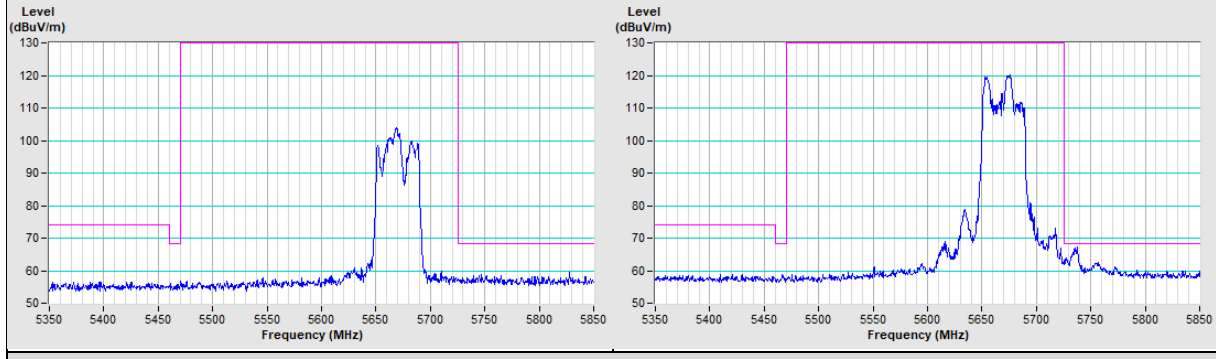


Vertical (Peak) **Vertical (Average)**



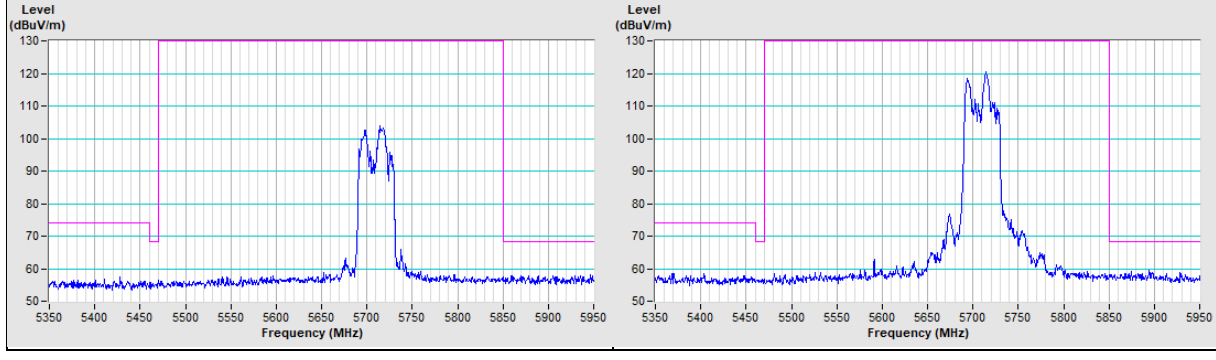
802.11ax (HE40) Channel 134

Horizontal (Peak) **Vertical (Peak)**



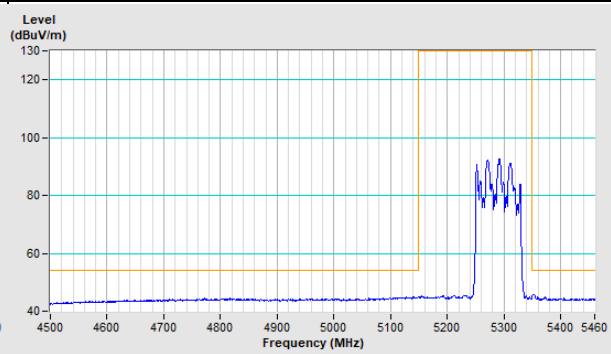
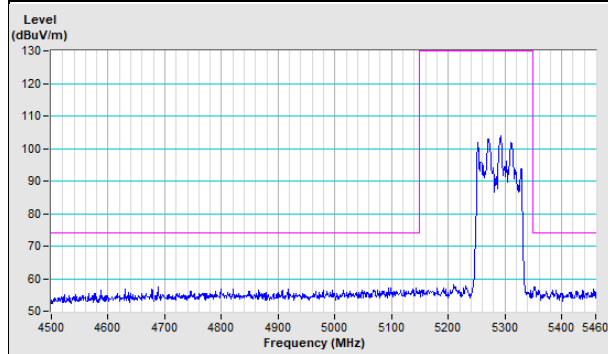
802.11ax (HE40) Channel 142

Horizontal (Peak) **Vertical (Peak)**



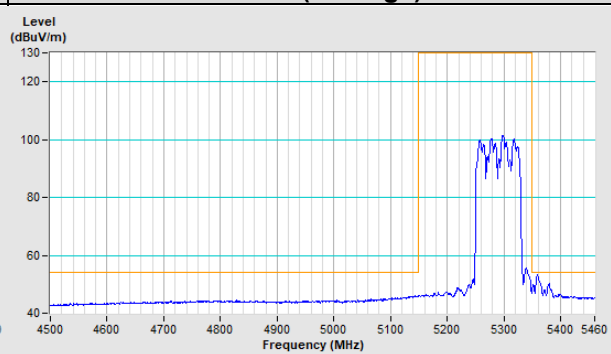
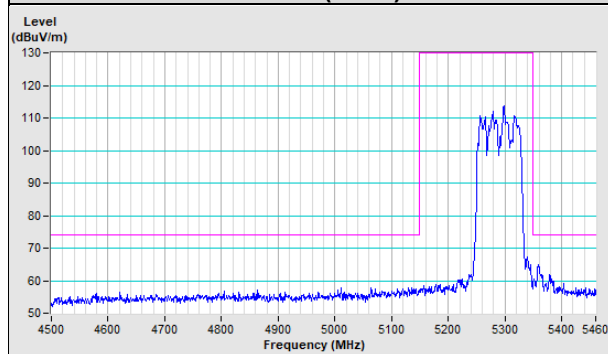
802.11ax (HE80) Channel 58

Horizontal (Peak) **Horizontal (Average)**



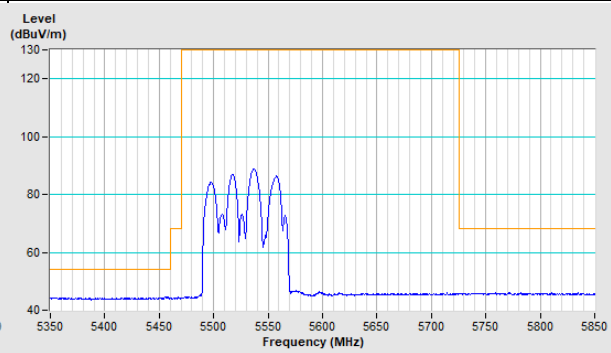
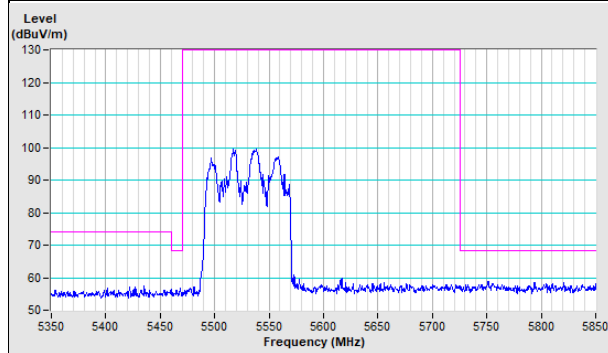
Vertical (Peak)

Vertical (Average)



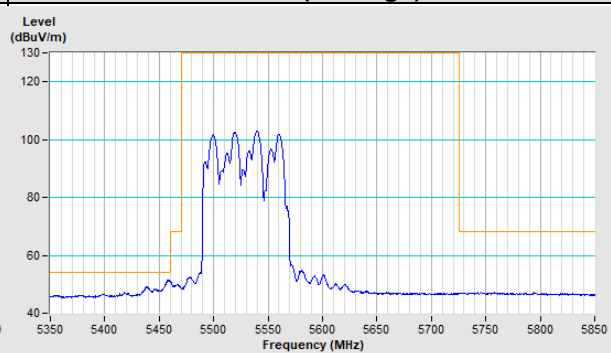
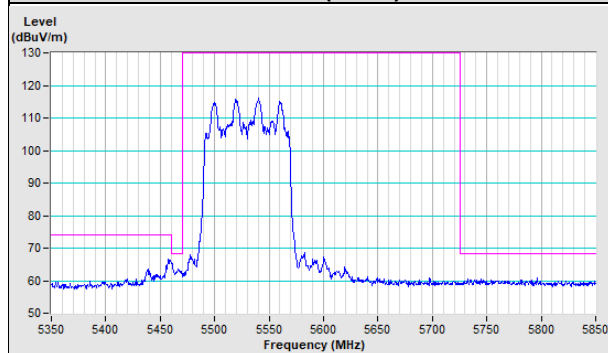
802.11ax (HE80) Channel 106

Horizontal (Peak) **Horizontal (Average)**

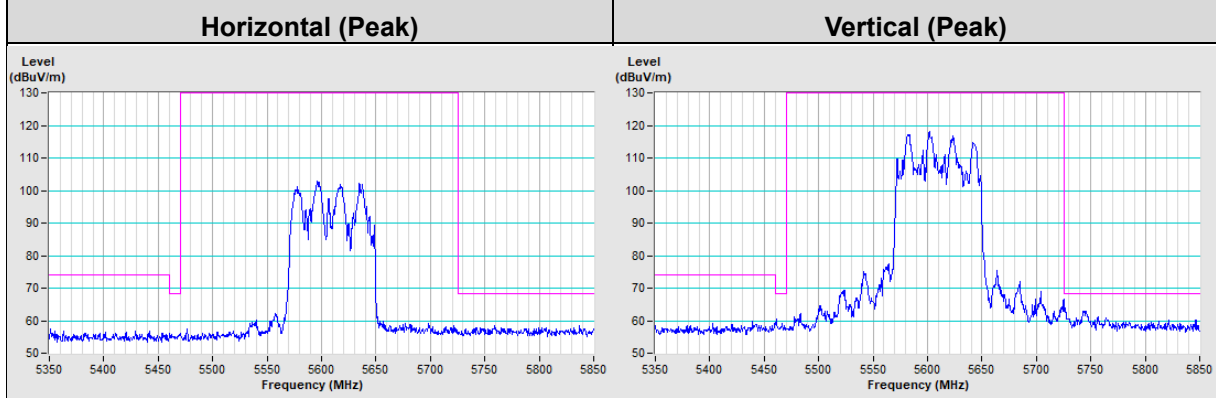


Vertical (Peak)

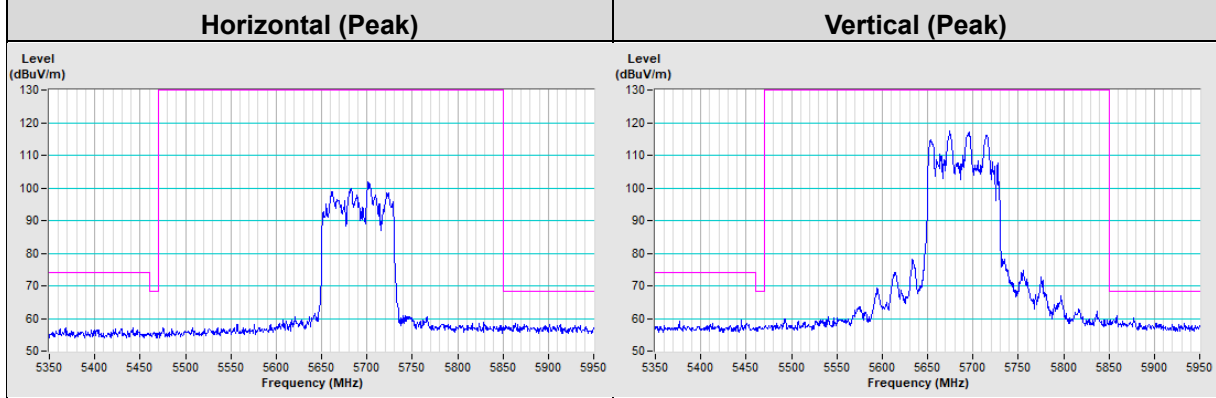
Vertical (Average)



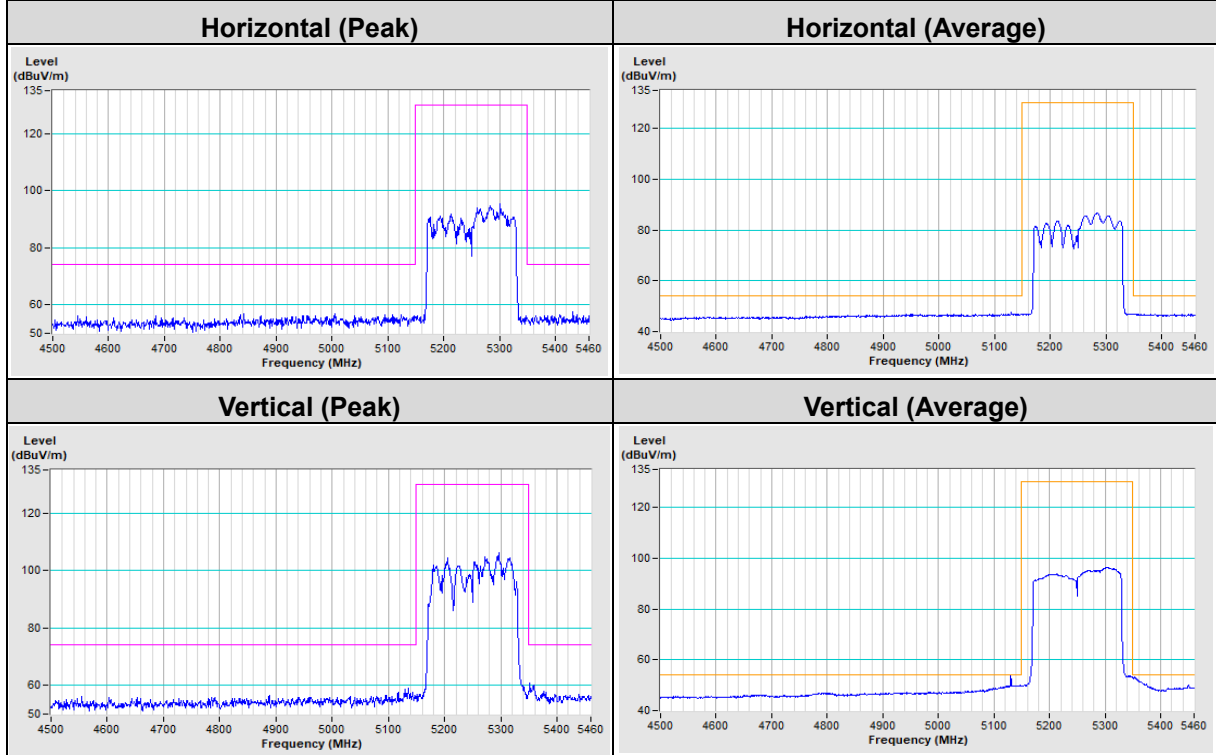
802.11ax (HE80) Channel 122

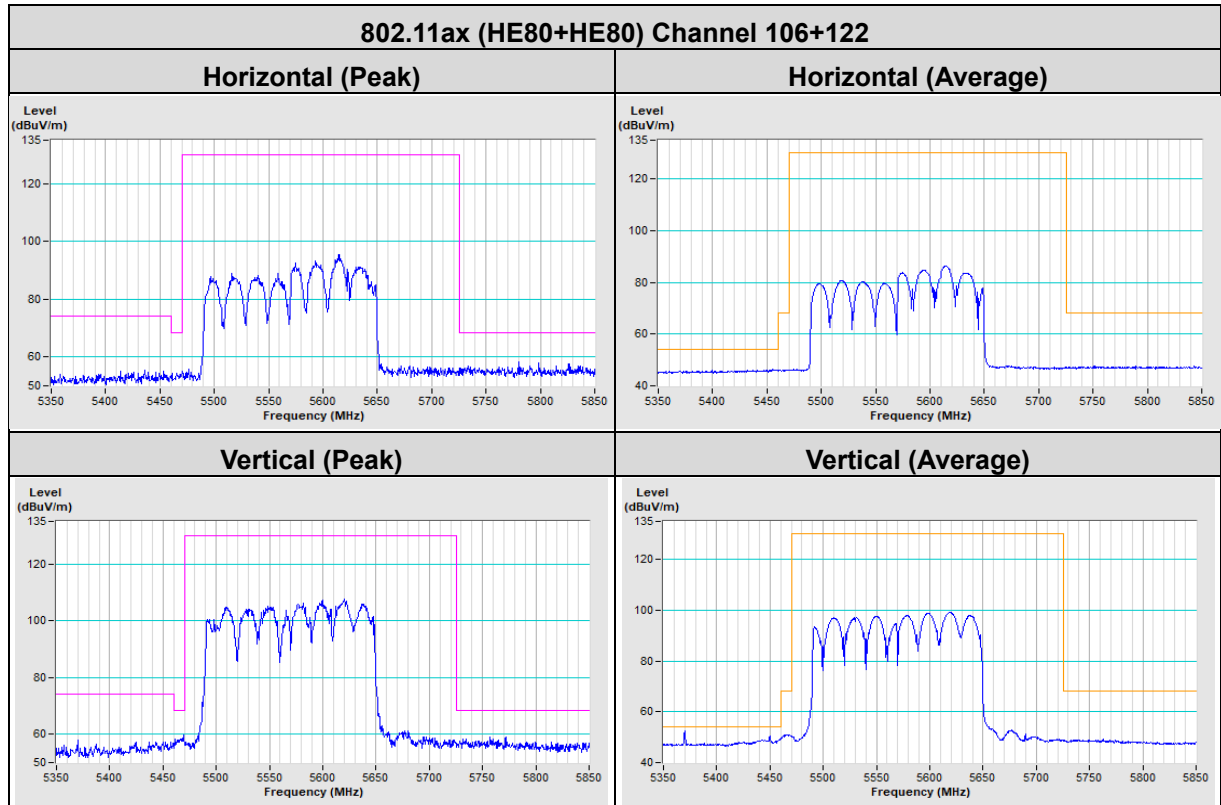


802.11ax (HE80) Channel 138



802.11ax (HE80+HE80) Channel 42+58





Test Mode G: FAP-433G_Radio 3

RF Mode	802.11a	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	62.6 PK	74.0	-11.4	2.83 H	70	60.3	2.3
2	5460.00	50.0 AV	54.0	-4.0	2.83 H	70	47.7	2.3
3	#5470.00	62.9 PK	68.2	-5.3	2.83 H	70	60.4	2.5
4	*5500.00	104.2 PK			2.83 H	70	64.1	40.1
5	*5500.00	94.9 AV			2.83 H	70	54.8	40.1
6	11000.00	55.4 PK	74.0	-18.6	1.83 H	114	47.5	7.9
7	11000.00	45.1 AV	54.0	-8.9	1.83 H	114	37.2	7.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.7 PK	74.0	-12.3	1.95 V	239	59.4	2.3
2	5460.00	50.6 AV	54.0	-3.4	1.95 V	239	48.3	2.3
3	#5470.00	67.3 PK	68.2	-0.9	1.95 V	239	64.8	2.5
4	*5500.00	117.0 PK			1.95 V	239	76.9	40.1
5	*5500.00	107.8 AV			1.95 V	239	67.7	40.1
6	11000.00	55.1 PK	74.0	-18.9	1.35 V	172	47.2	7.9
7	11000.00	43.5 AV	54.0	-10.5	1.35 V	172	35.6	7.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11a	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	108.7 PK			2.87 H	73	68.1	40.6
2	*5580.00	99.4 AV			2.87 H	73	58.8	40.6
3	11160.00	56.2 PK	74.0	-17.8	1.76 H	115	47.6	8.6
4	11160.00	45.8 AV	54.0	-8.2	1.76 H	115	37.2	8.6

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	121.8 PK			2.18 V	249	81.2	40.6
2	*5580.00	112.5 AV			2.18 V	249	71.9	40.6
3	11160.00	57.4 PK	74.0	-16.6	1.39 V	177	48.8	8.6
4	11160.00	46.4 AV	54.0	-7.6	1.39 V	177	37.8	8.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11a	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	105.4 PK			2.71 H	84	64.1	41.3
2	*5700.00	96.1 AV			2.71 H	84	54.8	41.3
3	#5725.00	58.6 PK	68.2	-9.6	2.71 H	84	54.8	3.8
4	11400.00	56.1 PK	74.0	-17.9	1.89 H	126	47.2	8.9
5	11400.00	45.8 AV	54.0	-8.2	1.89 H	126	36.9	8.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	118.2 PK			2.15 V	245	76.9	41.3
2	*5700.00	108.9 AV			2.15 V	245	67.6	41.3
3	#5725.00	67.4 PK	68.2	-0.8	2.15 V	245	63.6	3.8
4	11400.00	57.2 PK	74.0	-16.8	1.32 V	168	48.3	8.9
5	11400.00	46.3 AV	54.0	-7.7	1.32 V	168	37.4	8.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11a	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	56.6 PK	68.2	-11.6	2.84 H	73	54.2	2.4
2	*5720.00	109.0 PK			2.84 H	73	67.6	41.4
3	*5720.00	99.7 AV			2.84 H	73	58.3	41.4
4	#5850.00	58.4 PK	68.2	-9.8	2.84 H	73	54.5	3.9
5	11440.00	56.7 PK	74.0	-17.3	1.73 H	107	47.7	9.0
6	11440.00	46.2 AV	54.0	-7.8	1.73 H	107	37.2	9.0

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	56.8 PK	68.2	-11.4	2.16 V	245	54.4	2.4
2	*5720.00	121.7 PK			2.16 V	245	80.3	41.4
3	*5720.00	112.5 AV			2.16 V	245	71.1	41.4
4	#5850.00	58.6 PK	68.2	-9.6	2.16 V	245	54.7	3.9
5	11440.00	57.7 PK	74.0	-16.3	1.36 V	181	48.7	9.0
6	11440.00	46.7 AV	54.0	-7.3	1.36 V	181	37.7	9.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.9 PK	74.0	-17.1	2.71 H	83	54.6	2.3
2	5460.00	45.1 AV	54.0	-8.9	2.71 H	83	42.8	2.3
3	#5470.00	57.8 PK	68.2	-10.4	2.71 H	83	55.3	2.5
4	*5500.00	106.4 PK			2.71 H	83	66.3	40.1
5	*5500.00	94.5 AV			2.71 H	83	54.4	40.1
6	11000.00	55.2 PK	74.0	-18.8	1.69 H	103	47.3	7.9
7	11000.00	44.9 AV	54.0	-9.1	1.69 H	103	37.0	7.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.4 PK	74.0	-12.6	2.04 V	243	59.1	2.3
2	5460.00	47.7 AV	54.0	-6.3	2.04 V	243	45.4	2.3
3	#5470.00	67.6 PK	68.2	-0.6	2.04 V	243	65.1	2.5
4	*5500.00	118.9 PK			2.04 V	243	78.8	40.1
5	*5500.00	107.3 AV			2.04 V	243	67.2	40.1
6	11000.00	56.1 PK	74.0	-17.9	1.46 V	181	48.2	7.9
7	11000.00	45.3 AV	54.0	-8.7	1.46 V	181	37.4	7.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	111.1 PK			2.74 H	62	70.5	40.6
2	*5580.00	99.0 AV			2.74 H	62	58.4	40.6
3	11160.00	56.0 PK	74.0	-18.0	1.93 H	114	47.4	8.6
4	11160.00	45.8 AV	54.0	-8.2	1.93 H	114	37.2	8.6

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	124.2 PK			2.08 V	239	83.6	40.6
2	*5580.00	112.0 AV			2.08 V	239	71.4	40.6
3	11160.00	57.2 PK	74.0	-16.8	1.38 V	164	48.6	8.6
4	11160.00	46.4 AV	54.0	-7.6	1.38 V	164	37.8	8.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11ax (HE20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	108.0 PK			2.76 H	76	66.7	41.3
2	*5700.00	96.1 AV			2.76 H	76	54.8	41.3
3	#5725.00	60.9 PK	68.2	-7.3	2.76 H	76	57.1	3.8
4	11400.00	56.1 PK	74.0	-17.9	1.64 H	111	47.2	8.9
5	11400.00	45.7 AV	54.0	-8.3	1.64 H	111	36.8	8.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	121.1 PK			2.05 V	259	79.8	41.3
2	*5700.00	109.0 AV			2.05 V	259	67.7	41.3
3	#5725.00	67.6 PK	68.2	-0.6	2.05 V	259	63.8	3.8
4	11400.00	57.1 PK	74.0	-16.9	1.39 V	164	48.2	8.9
5	11400.00	46.3 AV	54.0	-7.7	1.39 V	164	37.4	8.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	56.9 PK	68.2	-11.3	2.73 H	81	54.4	2.5
2	*5720.00	111.6 PK			2.73 H	81	70.2	41.4
3	*5720.00	99.8 AV			2.73 H	81	58.4	41.4
4	#5850.00	58.5 PK	68.2	-9.7	2.73 H	81	54.6	3.9
5	11440.00	56.7 PK	74.0	-17.3	1.84 H	119	47.7	9.0
6	11440.00	46.2 AV	54.0	-7.8	1.84 H	119	37.2	9.0

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	57.3 PK	68.2	-10.9	2.04 V	260	54.8	2.5
2	*5720.00	124.5 PK			2.04 V	260	83.1	41.4
3	*5720.00	112.7 AV			2.04 V	260	71.3	41.4
4	#5850.00	59.1 PK	68.2	-9.1	2.04 V	259	55.2	3.9
5	11440.00	57.8 PK	74.0	-16.2	1.47 V	185	48.8	9.0
6	11440.00	46.9 AV	54.0	-7.1	1.47 V	185	37.9	9.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40)	Channel	CH 102 : 5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.7 PK	74.0	-17.3	2.73 H	85	54.4	2.3
2	5460.00	44.9 AV	54.0	-9.1	2.73 H	85	42.6	2.3
3	#5470.00	58.3 PK	68.2	-9.9	2.73 H	85	55.8	2.5
4	*5510.00	102.9 PK			2.73 H	85	62.7	40.2
5	*5510.00	90.8 AV			2.73 H	85	50.6	40.2
6	11020.00	55.0 PK	74.0	-19.0	1.72 H	117	47.1	7.9
7	11020.00	44.6 AV	54.0	-9.4	1.72 H	117	36.7	7.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.7 PK	74.0	-14.3	1.98 V	280	57.4	2.3
2	5460.00	47.7 AV	54.0	-6.3	1.98 V	280	45.4	2.3
3	#5470.00	67.6 PK	68.2	-0.6	1.98 V	280	65.1	2.5
4	*5510.00	116.2 PK			1.98 V	280	76.0	40.2
5	*5510.00	104.1 AV			1.98 V	280	63.9	40.2
6	11020.00	56.1 PK	74.0	-17.9	1.23 V	164	48.2	7.9
7	11020.00	45.4 AV	54.0	-8.6	1.23 V	164	37.5	7.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40)	Channel	CH 110 : 5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.6 PK	74.0	-14.4	2.88 H	76	57.3	2.3
2	5460.00	46.8 AV	54.0	-7.2	2.88 H	76	44.5	2.3
3	#5470.00	60.2 PK	68.2	-8.0	2.88 H	76	57.7	2.5
4	*5550.00	107.2 PK			2.88 H	76	66.7	40.5
5	*5550.00	95.7 AV			2.88 H	76	55.2	40.5
6	11100.00	55.5 PK	74.0	-18.5	1.67 H	134	47.1	8.4
7	11100.00	45.0 AV	54.0	-9.0	1.67 H	134	36.6	8.4

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	66.6 PK	74.0	-7.4	2.24 V	242	64.3	2.3
2	5460.00	53.2 AV	54.0	-0.8	2.24 V	242	50.9	2.3
3	#5470.00	66.9 PK	68.2	-1.3	2.24 V	242	64.4	2.5
4	*5550.00	119.9 PK			2.24 V	242	79.4	40.5
5	*5550.00	108.6 AV			2.24 V	242	68.1	40.5
6	11100.00	56.3 PK	74.0	-17.7	1.22 V	187	47.9	8.4
7	11100.00	45.7 AV	54.0	-8.3	1.22 V	187	37.3	8.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40)	Channel	CH 134 : 5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	104.4 PK			2.71 H	84	63.1	41.3
2	*5670.00	92.6 AV			2.71 H	84	51.3	41.3
3	#5725.00	61.0 PK	68.2	-7.2	2.71 H	84	57.2	3.8
4	11340.00	56.0 PK	74.0	-18.0	1.79 H	116	47.1	8.9
5	11340.00	45.7 AV	54.0	-8.3	1.79 H	116	36.8	8.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	116.6 PK			2.16 V	260	75.3	41.3
2	*5670.00	105.4 AV			2.16 V	260	64.1	41.3
3	#5725.00	67.4 PK	68.2	-0.8	2.16 V	260	63.6	3.8
4	11340.00	56.8 PK	74.0	-17.2	1.46 V	182	47.9	8.9
5	11340.00	46.2 AV	54.0	-7.8	1.46 V	182	37.3	8.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40)	Channel	CH 142 : 5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	56.8 PK	68.2	-11.4	2.88 H	75	54.3	2.5
2	*5710.00	109.4 PK			2.88 H	75	68.1	41.3
3	*5710.00	97.7 AV			2.88 H	75	56.4	41.3
4	#5850.00	58.7 PK	68.2	-9.5	2.88 H	75	54.8	3.9
5	11420.00	56.0 PK	74.0	-18.0	1.93 H	125	47.0	9.0
6	11420.00	45.7 AV	54.0	-8.3	1.93 H	125	36.7	9.0

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	57.2 PK	68.2	-11.0	2.15 V	245	54.7	2.5
2	*5710.00	122.5 PK			2.15 V	245	81.2	41.3
3	*5710.00	110.6 AV			2.15 V	245	69.3	41.3
4	#5850.00	59.2 PK	68.2	-9.0	2.15 V	245	55.3	3.9
5	11420.00	57.1 PK	74.0	-16.9	1.39 V	158	48.1	9.0
6	11420.00	36.4 AV	54.0	-17.6	1.39 V	158	27.4	9.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80)	Channel	CH 106 : 5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.0 PK	74.0	-16.0	2.82 H	70	55.7	2.3
2	5460.00	45.7 AV	54.0	-8.3	2.82 H	70	43.4	2.3
3	#5470.00	58.8 PK	68.2	-9.4	2.82 H	70	56.3	2.5
4	*5530.00	100.4 PK			2.82 H	70	60.1	40.3
5	*5530.00	88.6 AV			2.82 H	70	48.3	40.3
6	11060.00	54.9 PK	74.0	-19.1	1.94 H	106	46.8	8.1
7	11060.00	44.7 AV	54.0	-9.3	1.94 H	106	36.6	8.1

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	64.6 PK	74.0	-9.4	2.34 V	242	62.3	2.3
2	5460.00	52.6 AV	54.0	-1.4	2.34 V	242	50.3	2.3
3	#5470.00	67.6 PK	68.2	-0.6	2.34 V	242	65.1	2.5
4	*5530.00	113.1 PK			2.34 V	242	72.8	40.3
5	*5530.00	101.5 AV			2.34 V	242	61.2	40.3
6	11060.00	55.7 PK	74.0	-18.3	1.43 V	187	47.6	8.1
7	11060.00	45.2 AV	54.0	-8.8	1.43 V	187	37.1	8.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80)	Channel	CH 122 : 5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.9 PK	74.0	-16.1	2.79 H	67	55.6	2.3
2	5460.00	45.7 AV	54.0	-8.3	2.79 H	67	43.4	2.3
3	#5470.00	58.7 PK	68.2	-9.5	2.79 H	67	56.2	2.5
4	*5610.00	104.7 PK			2.79 H	67	63.8	40.9
5	*5610.00	92.9 AV			2.79 H	67	52.0	40.9
6	#5725.00	59.9 PK	68.2	-8.3	2.79 H	67	56.1	3.8
7	11220.00	55.4 PK	74.0	-18.6	1.73 H	112	46.8	8.6
8	11220.00	45.1 AV	54.0	-8.9	1.73 H	112	36.5	8.6

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	65.5 PK	74.0	-8.5	2.33 V	241	63.2	2.3
2	5460.00	52.1 AV	54.0	-1.9	2.33 V	241	49.8	2.3
3	#5470.00	66.6 PK	68.2	-1.6	2.33 V	241	64.1	2.5
4	*5610.00	117.3 PK			2.33 V	241	76.4	40.9
5	*5610.00	105.8 AV			2.33 V	241	64.9	40.9
6	#5725.00	67.7 PK	68.2	-0.5	2.33 V	241	63.9	3.8
7	11220.00	56.0 PK	74.0	-18.0	1.46 V	167	47.4	8.6
8	11220.00	45.6 AV	54.0	-8.4	1.46 V	167	37.0	8.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80)	Channel	CH 138 : 5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	59.6 PK	68.2	-8.6	2.64 H	72	56.6	3.0
2	*5690.00	104.6 PK			2.64 H	72	62.3	42.3
3	*5690.00	91.5 AV			2.64 H	72	49.2	42.3
4	#5850.00	61.2 PK	68.2	-7.0	2.64 H	72	56.6	4.6
5	11380.00	56.6 PK	74.0	-17.4	1.76 H	265	47.3	9.3
6	11380.00	46.4 AV	54.0	-7.6	1.76 H	265	37.1	9.3

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	62.1 PK	68.2	-6.1	3.28 V	122	59.1	3.0
2	*5690.00	121.1 PK			3.28 V	122	78.8	42.3
3	*5690.00	108.0 AV			3.28 V	122	65.7	42.3
4	#5850.00	67.3 PK	68.2	-0.9	3.28 V	122	62.7	4.6
5	11380.00	56.9 PK	74.0	-17.1	1.34 V	218	47.6	9.3
6	11380.00	47.2 AV	54.0	-6.8	1.34 V	218	37.9	9.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE160)	Channel	CH 114 : 5570 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.6 PK	74.0	-14.4	2.52 H	76	56.6	3.0
2	5460.00	46.5 AV	54.0	-7.5	2.52 H	76	43.5	3.0
3	#5470.00	60.1 PK	68.2	-8.1	2.52 H	76	57.1	3.0
4	*5570.00	99.9 PK			2.52 H	76	58.2	41.7
5	*5570.00	87.2 AV			2.52 H	76	45.5	41.7
6	#5850.00	60.4 PK	68.2	-7.8	2.52 H	76	55.8	4.6
7	11140.00	56.0 PK	74.0	-18.0	1.76 H	234	47.4	8.6
8	11140.00	45.8 AV	54.0	-8.2	1.76 H	234	37.2	8.6

Antenna Polarity & Test Distance : Vertical at 3 m

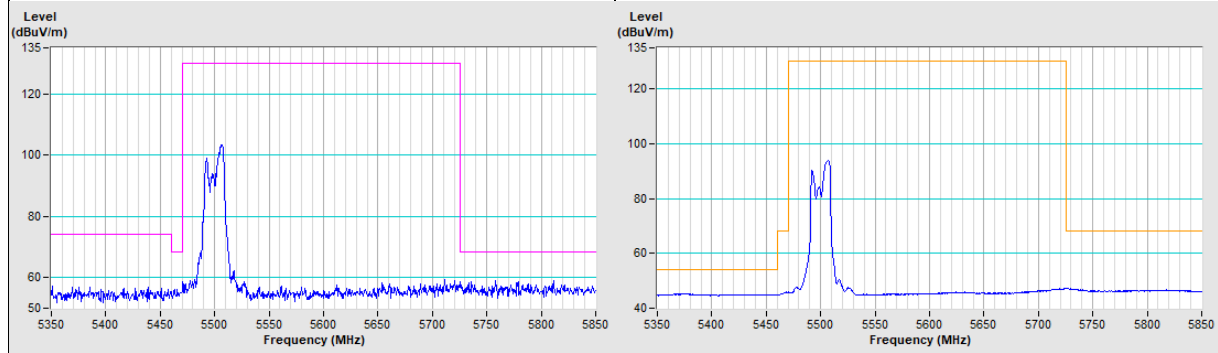
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	67.1 PK	74.0	-6.9	2.65 V	161	64.1	3.0
2	5460.00	52.8 AV	54.0	-1.2	2.65 V	161	49.8	3.0
3	#5470.00	66.1 PK	68.2	-2.1	2.65 V	161	63.1	3.0
4	*5570.00	112.1 PK			2.65 V	161	70.4	41.7
5	*5570.00	99.3 AV			2.65 V	161	57.6	41.7
6	#5725.00	63.7 PK	68.2	-4.5	2.65 V	161	59.1	4.6
7	11140.00	56.3 PK	74.0	-17.7	1.26 V	348	47.7	8.6
8	11140.00	46.1 AV	54.0	-7.9	1.26 V	348	37.5	8.6

Remarks:

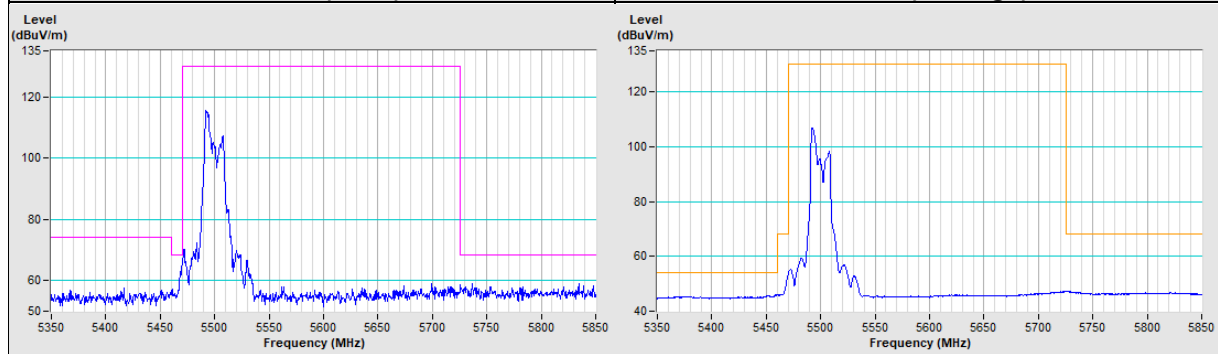
1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

802.11a Channel 100

Horizontal (Peak) **Horizontal (Average)**

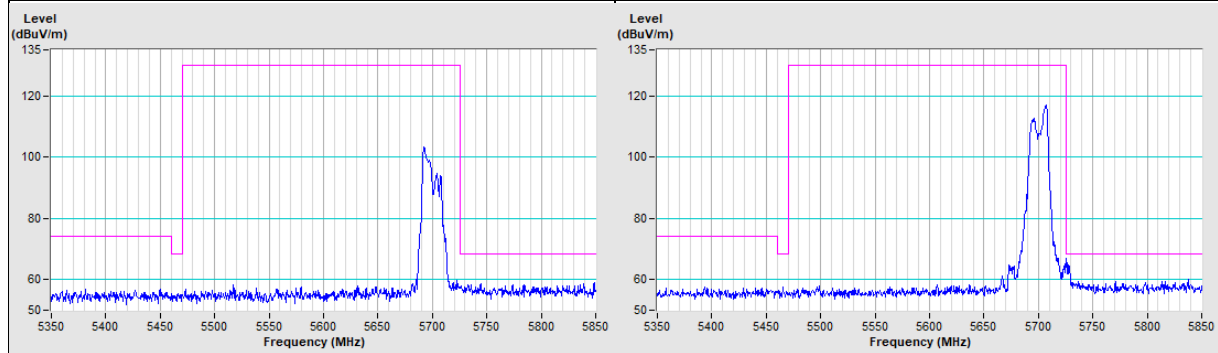


Vertical (Peak) **Vertical (Average)**



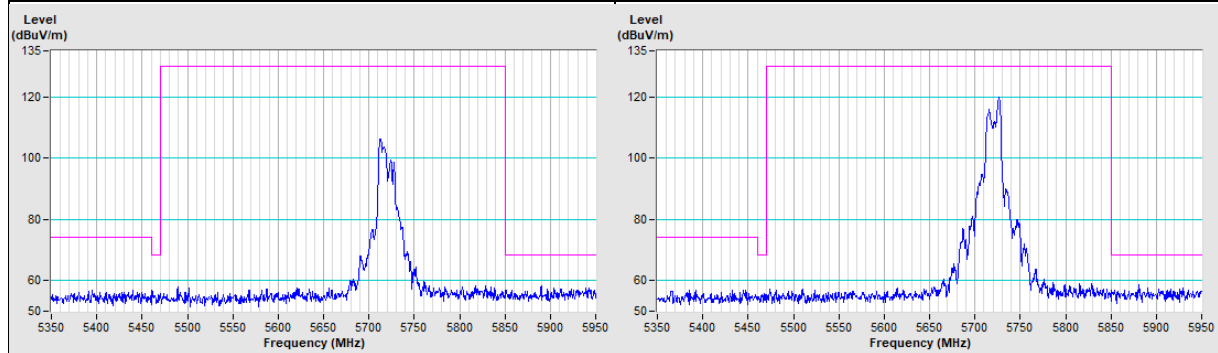
802.11a Channel 140

Horizontal (Peak) **Vertical (Peak)**

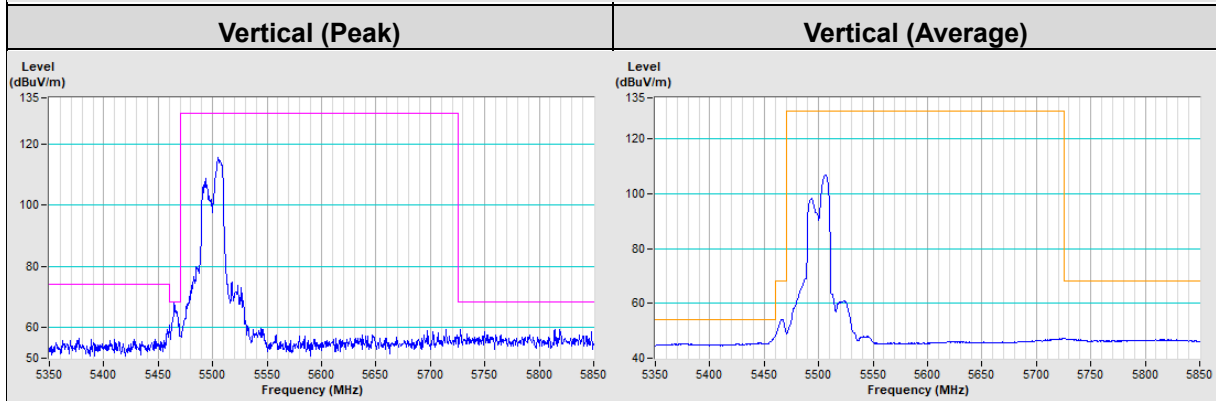
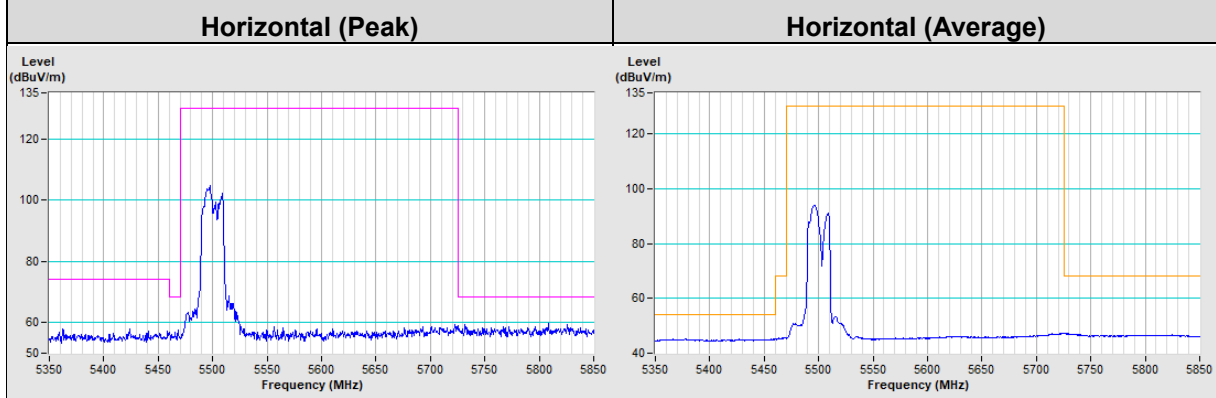


802.11a Channel 144

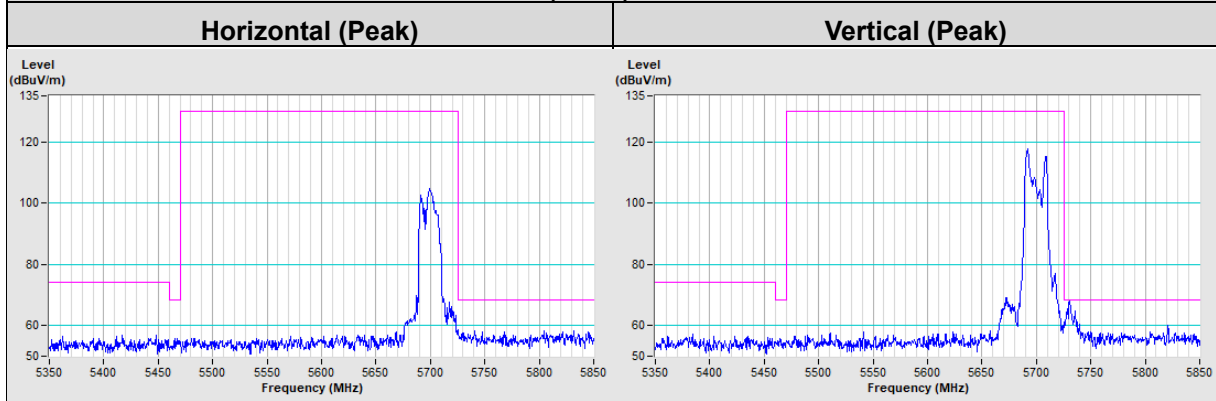
Horizontal (Peak) **Vertical (Peak)**



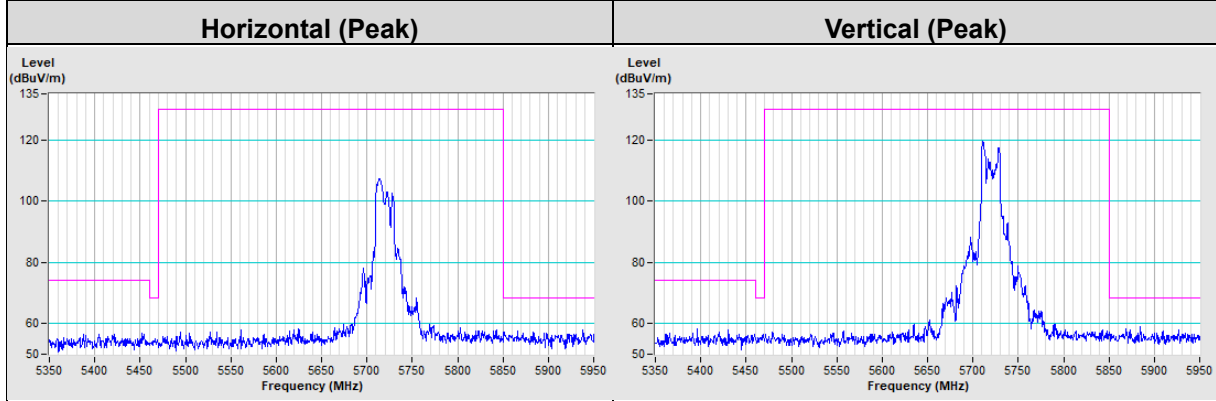
802.11ax (HE20) Channel 100



802.11ax (HE20) Channel 140

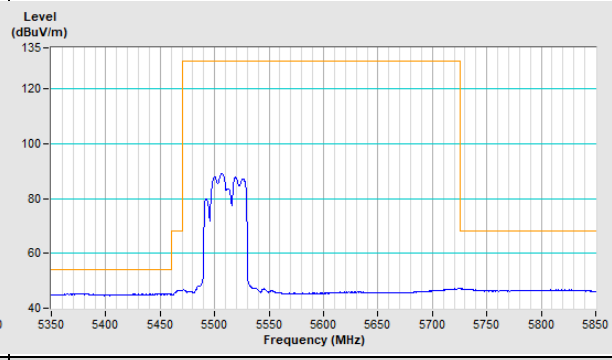
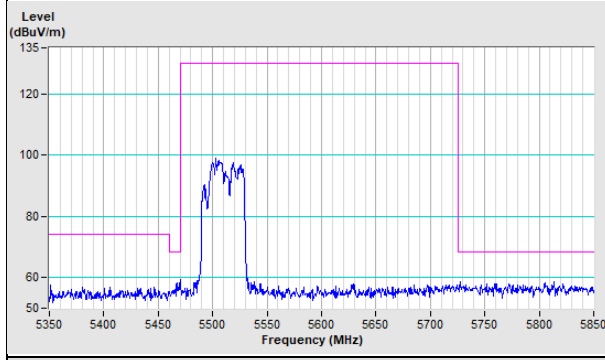


802.11ax (HE20) Channel 144



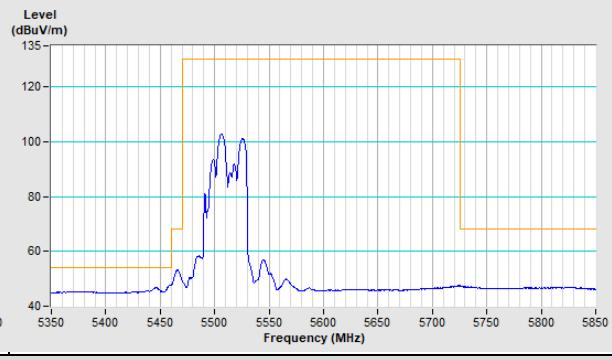
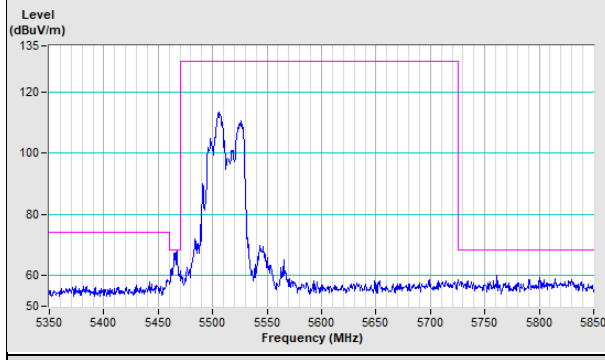
802.11ax (HE40) Channel 102

Horizontal (Peak) **Horizontal (Average)**



Vertical (Peak)

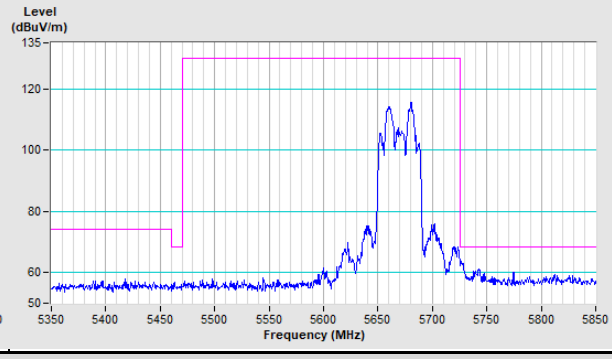
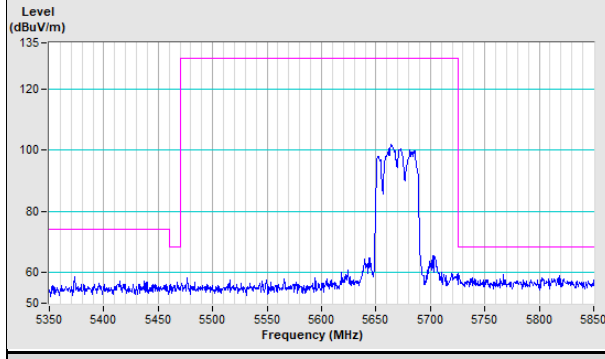
Vertical (Average)



802.11ax (HE40) Channel 134

Horizontal (Peak)

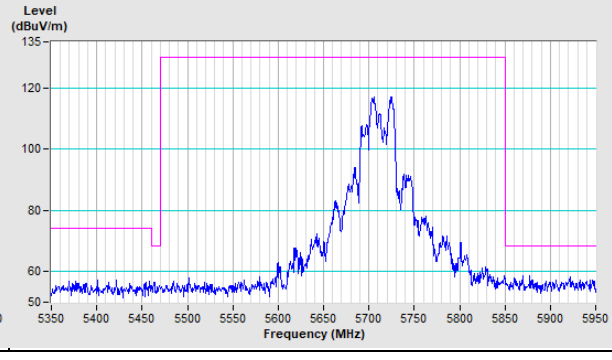
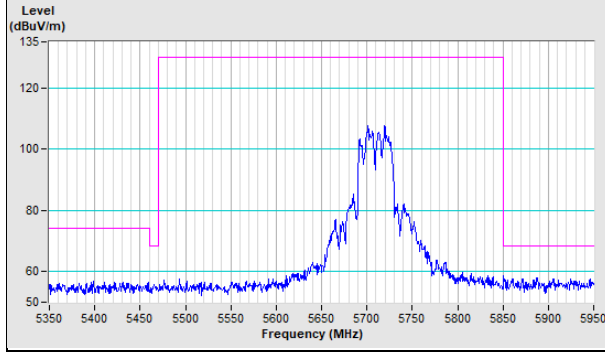
Vertical (Peak)



802.11ax (HE40) Channel 142

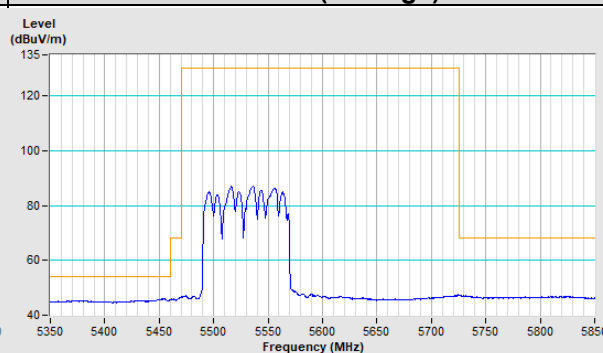
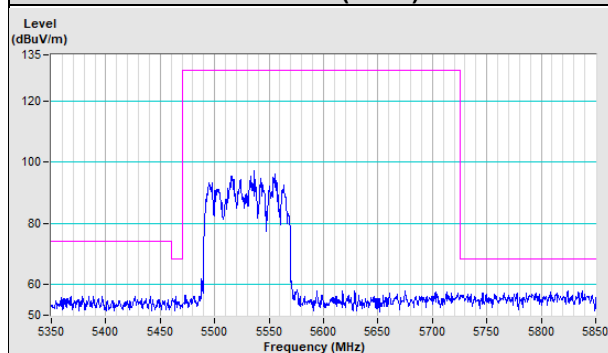
Horizontal (Peak)

Vertical (Peak)

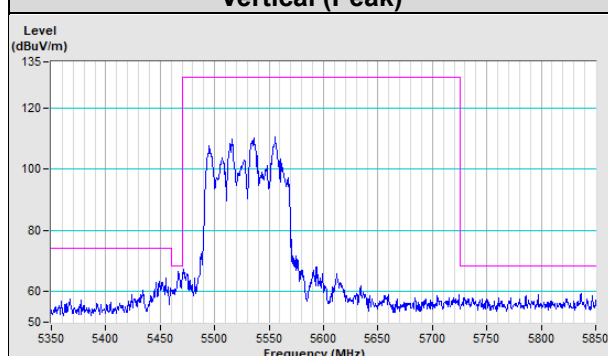


802.11ax (HE80) Channel 106

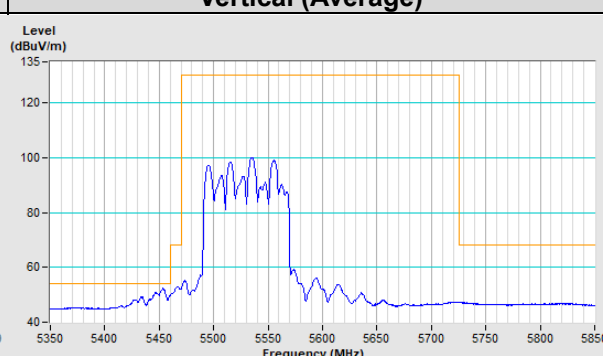
Horizontal (Peak) **Horizontal (Average)**



Vertical (Peak)

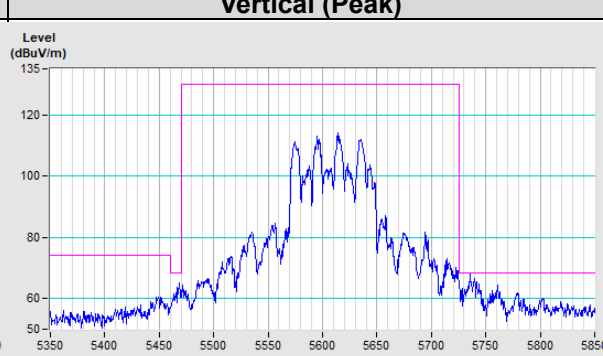
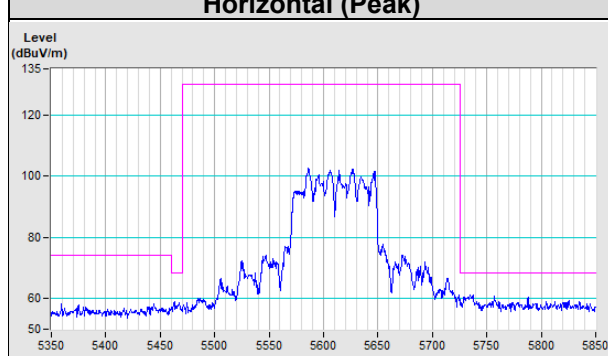


Vertical (Average)



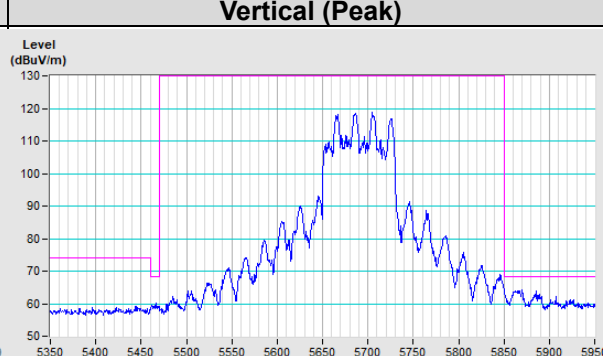
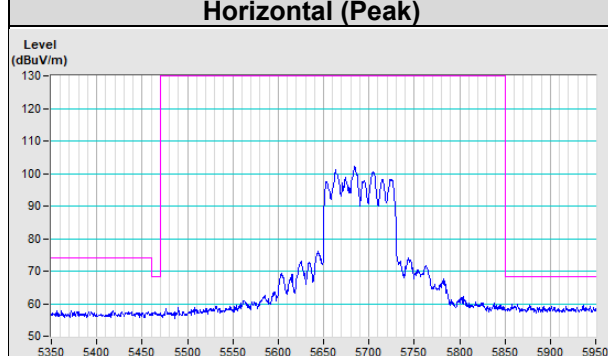
802.11ax (HE80) Channel 122

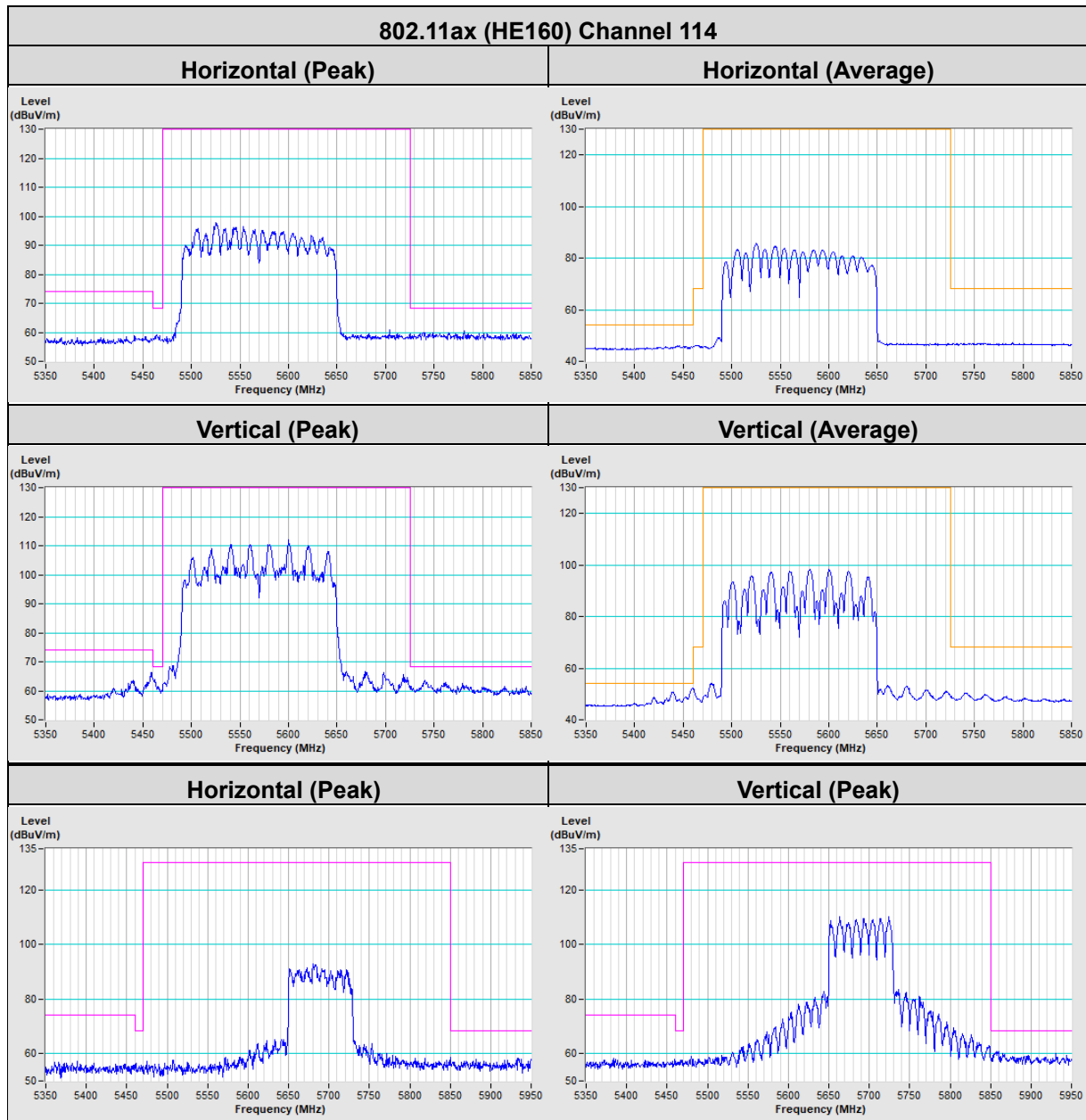
Horizontal (Peak) **Vertical (Peak)**



802.11ax (HE80) Channel 138

Horizontal (Peak) **Vertical (Peak)**





8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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Web Site: <http://ee.bureauveritas.com.tw>

The address and road map of all our labs can be found in our web site also.

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