

Test Mode K: FAP-433G_Scanning Radio

ADP mode

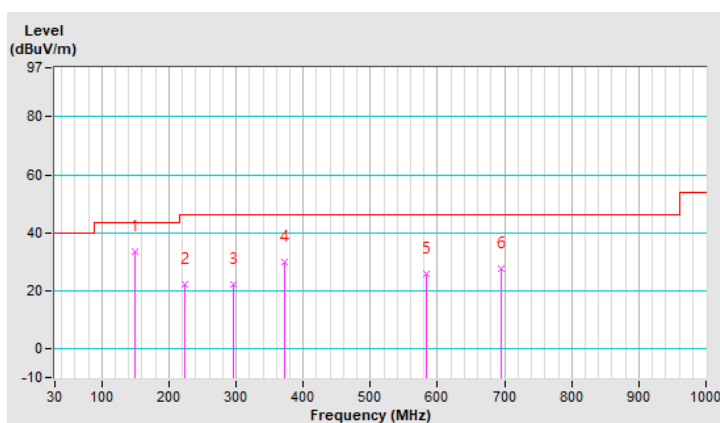
RF Mode	802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 77% RH
Tested By	Randy Wu		

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	148.34	33.3 QP	43.5	-10.2	1.00 H	110	46.5	-13.2
2	223.03	22.3 QP	46.0	-23.7	1.49 H	195	38.7	-16.4
3	296.75	22.0 QP	46.0	-24.0	1.49 H	18	34.5	-12.5
4	371.44	29.8 QP	46.0	-16.2	1.00 H	276	40.4	-10.6
5	582.90	25.7 QP	46.0	-20.3	1.49 H	18	31.6	-5.9
6	695.42	27.6 QP	46.0	-18.4	1.00 H	5	31.5	-3.9

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 of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

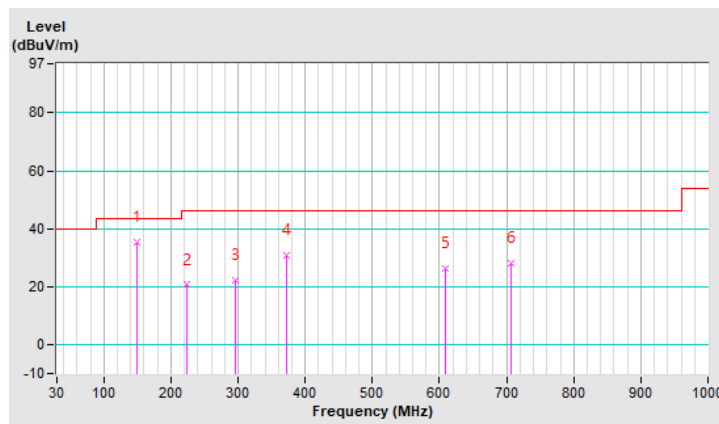


RF Mode	802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 77% RH
Tested By	Randy Wu		

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	148.34	35.5 QP	43.5	-8.0	1.00 V	237	48.7	-13.2
2	223.03	20.6 QP	46.0	-25.4	1.50 V	258	37.0	-16.4
3	296.75	22.0 QP	46.0	-24.0	1.00 V	18	34.5	-12.5
4	371.44	30.8 QP	46.0	-15.2	1.00 V	66	41.4	-10.6
5	609.09	26.4 QP	46.0	-19.6	1.00 V	256	31.6	-5.2
6	706.09	28.0 QP	46.0	-18.0	1.00 V	18	31.9	-3.9

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 of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



Test Mode L: FAP-433G_Scanning Radio

POE mode

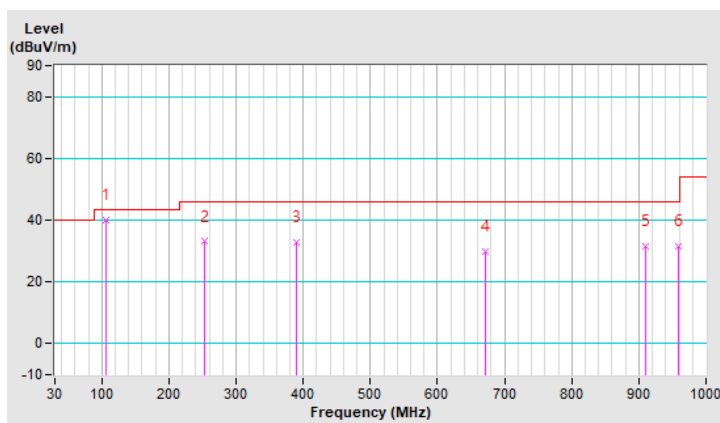
RF Mode	802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 65% RH
Tested By	Randy Wu		

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	106.63	39.8 QP	43.5	-3.7	1.99 H	95	56.4	-16.6
2	253.10	33.0 QP	46.0	-13.0	1.00 H	282	47.1	-14.1
3	388.90	32.7 QP	46.0	-13.3	1.50 H	171	42.9	-10.2
4	672.14	29.9 QP	46.0	-16.1	1.99 H	225	34.4	-4.5
5	909.79	31.6 QP	46.0	-14.4	1.50 H	216	32.8	-1.2
6	958.29	31.5 QP	46.0	-14.5	1.50 H	161	31.8	-0.3

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 of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

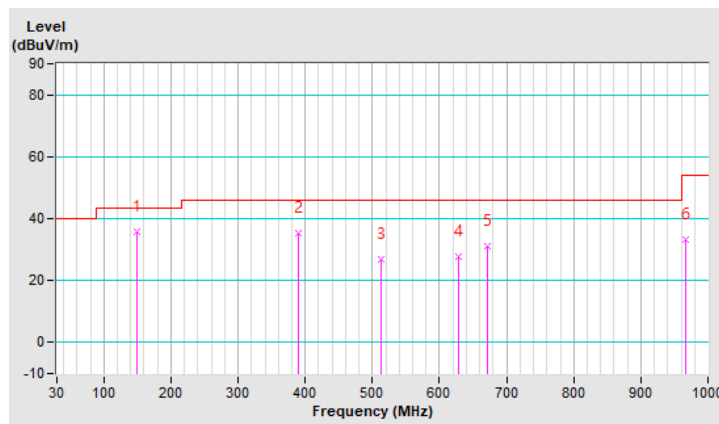


RF Mode	802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 65% RH
Tested By	Randy Wu		

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	148.34	35.7 QP	43.5	-7.8	1.00 V	154	48.9	-13.2
2	388.90	35.5 QP	46.0	-10.5	1.00 V	22	45.7	-10.2
3	512.09	26.7 QP	46.0	-19.3	1.00 V	91	34.3	-7.6
4	627.52	27.6 QP	46.0	-18.4	1.49 V	2	32.6	-5.0
5	672.14	31.1 QP	46.0	-14.9	1.49 V	178	35.6	-4.5
6	967.02	33.3 QP	54.0	-20.7	1.00 V	115	33.6	-0.3

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 of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



7.8 Unwanted Emissions above 1 GHz

Test Mode A: FAP-431G_Radio 2

RF Mode	802.11a	Channel	CH 36 : 5180 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, 72% RH
Tested By	Edison Lee		

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	65.3 PK	74.0	-8.7	1.55 H	44	63.2	2.1
2	5150.00	53.0 AV	54.0	-1.0	1.55 H	44	50.9	2.1
3	*5180.00	124.9 PK			1.55 H	44	84.5	40.4
4	*5180.00	119.3 AV			1.55 H	44	78.9	40.4
5	#10360.00	55.7 PK	68.2	-12.5	1.72 H	320	47.6	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	5150.00	62.4 PK	74.0	-11.6	3.33 V	30	60.3	2.1
2	5150.00	52.1 AV	54.0	-1.9	3.33 V	30	50.0	2.1
3	*5180.00	122.3 PK			3.33 V	30	81.9	40.4
4	*5180.00	115.9 AV			3.33 V	30	75.5	40.4
5	#10360.00	54.2 PK	68.2	-14.0	2.01 V	88	46.1	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	802.11a	Channel	CH 40 : 5200 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, 72% RH
Tested By	Edison Lee		

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	65.5 PK	74.0	-8.5	2.46 H	315	63.4	2.1
2	5150.00	53.0 AV	54.0	-1.0	2.46 H	315	50.9	2.1
3	*5200.00	124.3 PK			2.46 H	315	84.0	40.3
4	*5200.00	117.5 AV			2.46 H	315	77.2	40.3
5	#10400.00	56.8 PK	68.2	-11.4	1.66 H	317	48.6	8.2

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	61.1 PK	74.0	-12.9	3.29 V	26	59.0	2.1
2	5150.00	50.4 AV	54.0	-3.6	3.29 V	26	48.3	2.1
3	*5200.00	122.9 PK			3.29 V	26	82.6	40.3
4	*5200.00	116.3 AV			3.29 V	26	76.0	40.3
5	#10400.00	54.5 PK	68.2	-13.7	2.00 V	92	46.3	8.2

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 48 : 5240 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, 72% RH
Tested By	Edison Lee		

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	*5240.00	124.6 PK			1.52 H	43	84.4	40.2
2	*5240.00	118.8 AV			1.52 H	43	78.6	40.2
3	5350.00	57.2 PK	74.0	-16.8	1.52 H	43	55.4	1.8
4	5350.00	50.0 AV	54.0	-4.0	1.52 H	43	48.2	1.8
5	#10480.00	55.8 PK	68.2	-12.4	1.70 H	318	47.8	8.0

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	5150.00	57.1 PK	74.0	-16.9	3.34 V	32	55.0	2.1
2	5150.00	48.8 AV	54.0	-5.2	3.34 V	32	46.7	2.1
3	*5240.00	121.7 PK			3.34 V	32	81.5	40.2
4	*5240.00	115.3 AV			3.34 V	32	75.1	40.2
5	#10480.00	53.9 PK	68.2	-14.3	1.99 V	74	45.9	8.0

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	802.11a	Channel	CH 149 : 5745 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, 72% RH
Tested By	Edison Lee		

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	#5649.20	60.2 PK	68.2	-8.0	2.21 H	315	57.2	3.0
2	*5745.00	126.1 PK			2.21 H	315	84.4	41.7
3	*5745.00	119.3 AV			2.21 H	315	77.6	41.7
4	#5939.60	59.4 PK	68.2	-8.8	2.21 H	315	55.7	3.7
5	11490.00	56.9 PK	74.0	-17.1	1.69 H	321	47.5	9.4
6	11490.00	47.8 AV	54.0	-6.2	1.69 H	321	38.4	9.4

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	#5640.40	58.9 PK	68.2	-9.3	2.07 V	36	55.9	3.0
2	*5745.00	121.4 PK			2.07 V	36	79.7	41.7
3	*5745.00	114.4 AV			2.07 V	36	72.7	41.7
4	#5962.80	59.0 PK	68.2	-9.2	2.07 V	36	55.5	3.5
5	11490.00	56.8 PK	74.0	-17.2	2.11 V	80	47.4	9.4
6	11490.00	47.6 AV	54.0	-6.4	2.11 V	80	38.2	9.4

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.



RF Mode	802.11a	Channel	CH 157 : 5785 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, 72% RH
Tested By	Edison Lee		

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	#5634.00	59.1 PK	68.2	-9.1	2.11 H	48	56.1	3.0
2	*5785.00	124.6 PK			2.11 H	48	82.8	41.8
3	*5785.00	117.5 AV			2.11 H	48	75.7	41.8
4	#5927.20	59.1 PK	68.2	-9.1	2.11 H	48	55.3	3.8
5	11570.00	56.9 PK	74.0	-17.1	1.65 H	314	47.6	9.3
6	11570.00	47.8 AV	54.0	-6.2	1.65 H	314	38.5	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	#5629.60	58.6 PK	68.2	-9.6	2.06 V	10	55.6	3.0
2	*5785.00	121.1 PK			2.06 V	10	79.3	41.8
3	*5785.00	113.2 AV			2.06 V	10	71.4	41.8
4	#5985.20	59.1 PK	68.2	-9.1	2.06 V	10	55.6	3.5
5	11570.00	56.7 PK	74.0	-17.3	2.03 V	84	47.4	9.3
6	11570.00	47.7 AV	54.0	-6.3	2.03 V	84	38.4	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	802.11a	Channel	CH 165 : 5825 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, 72% RH
Tested By	Edison Lee		

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	#5635.20	58.8 PK	68.2	-9.4	2.07 H	59	55.8	3.0
2	*5825.00	125.5 PK			2.07 H	59	83.6	41.9
3	*5825.00	117.9 AV			2.07 H	59	76.0	41.9
4	#5938.80	60.7 PK	68.2	-7.5	2.07 H	59	56.9	3.8
5	11650.00	57.0 PK	74.0	-17.0	1.68 H	302	47.8	9.2
6	11650.00	47.8 AV	54.0	-6.2	1.68 H	302	38.6	9.2

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	#5637.20	60.1 PK	68.2	-8.1	2.03 V	13	57.2	2.9
2	*5825.00	120.9 PK			2.03 V	13	79.0	41.9
3	*5825.00	113.6 AV			2.03 V	13	71.7	41.9
4	#5942.40	59.2 PK	68.2	-9.0	2.03 V	13	55.5	3.7
5	11650.00	56.8 PK	74.0	-17.2	2.04 V	91	47.6	9.2
6	11650.00	47.7 AV	54.0	-6.3	2.04 V	91	38.5	9.2

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 36 : 5180 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, 72% RH
Tested By	Edison Lee		

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	62.2 PK	74.0	-11.8	1.59 H	42	60.1	2.1
2	5150.00	52.6 AV	54.0	-1.4	1.59 H	42	50.5	2.1
3	*5180.00	122.8 PK			1.59 H	42	82.4	40.4
4	*5180.00	115.2 AV			1.59 H	42	74.8	40.4
5	#10360.00	55.5 PK	68.2	-12.7	1.67 H	318	47.4	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	5150.00	60.5 PK	74.0	-13.5	3.67 V	27	58.4	2.1
2	5150.00	52.4 AV	54.0	-1.6	3.67 V	27	50.3	2.1
3	*5180.00	118.4 PK			3.67 V	27	78.0	40.4
4	*5180.00	110.8 AV			3.67 V	27	70.4	40.4
5	#10360.00	53.9 PK	68.2	-14.3	2.10 V	87	45.8	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 (HE20)	Channel	CH 40 : 5200 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, 72% RH
Tested By	Edison Lee		

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	63.5 PK	74.0	-10.5	1.57 H	34	61.4	2.1
2	5150.00	52.5 AV	54.0	-1.5	1.57 H	34	50.4	2.1
3	*5200.00	126.6 PK			1.57 H	34	86.3	40.3
4	*5200.00	117.7 AV			1.57 H	34	77.4	40.3
5	#10400.00	56.0 PK	68.2	-12.2	1.68 H	321	47.8	8.2

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	60.6 PK	74.0	-13.4	3.79 V	21	58.5	2.1
2	5150.00	50.6 AV	54.0	-3.4	3.79 V	21	48.5	2.1
3	*5200.00	121.9 PK			3.79 V	21	81.6	40.3
4	*5200.00	113.1 AV			3.79 V	21	72.8	40.3
5	#10400.00	53.8 PK	68.2	-14.4	2.12 V	95	45.6	8.2

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 48 : 5240 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, 72% RH
Tested By	Edison Lee		

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	*5240.00	124.5 PK			1.53 H	41	84.3	40.2
2	*5240.00	116.9 AV			1.53 H	41	76.7	40.2
3	5350.00	57.5 PK	74.0	-16.5	1.53 H	41	55.7	1.8
4	5350.00	50.2 AV	54.0	-3.8	1.53 H	41	48.4	1.8
5	#10480.00	55.2 PK	68.2	-13.0	1.66 H	318	47.2	8.0

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	*5240.00	122.6 PK			3.58 V	32	82.4	40.2
2	*5240.00	114.7 AV			3.58 V	32	74.5	40.2
3	5350.00	57.2 PK	74.0	-16.8	3.58 V	32	55.4	1.8
4	5350.00	48.2 AV	54.0	-5.8	3.58 V	32	46.4	1.8
5	#10480.00	53.6 PK	68.2	-14.6	2.11 V	84	45.6	8.0

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 149 : 5745 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, 72% RH
Tested By	Edison Lee		

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	#5646.80	60.5 PK	68.2	-7.7	1.99 H	319	57.5	3.0
2	*5745.00	127.3 PK			1.99 H	319	85.6	41.7
3	*5745.00	119.0 AV			1.99 H	319	77.3	41.7
4	#5925.60	60.0 PK	68.2	-8.2	1.99 H	319	56.2	3.8
5	11490.00	57.0 PK	74.0	-17.0	1.71 H	299	47.6	9.4
6	11490.00	47.9 AV	54.0	-6.1	1.71 H	299	38.5	9.4

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	#5634.80	58.8 PK	68.2	-9.4	2.05 V	23	55.8	3.0
2	*5745.00	124.0 PK			2.05 V	23	82.3	41.7
3	*5745.00	114.2 AV			2.05 V	23	72.5	41.7
4	#5986.40	59.4 PK	68.2	-8.8	2.05 V	23	55.9	3.5
5	11490.00	56.9 PK	74.0	-17.1	2.09 V	88	47.5	9.4
6	11490.00	47.8 AV	54.0	-6.2	2.09 V	88	38.4	9.4

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.



RF Mode	802.11ax (HE20)	Channel	CH 157 : 5785 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, 72% RH
Tested By	Edison Lee		

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	#5601.60	59.8 PK	68.2	-8.4	1.95 H	320	57.0	2.8
2	*5785.00	128.5 PK			1.95 H	320	86.7	41.8
3	*5785.00	118.3 AV			1.95 H	320	76.5	41.8
4	#5984.00	59.7 PK	68.2	-8.5	1.95 H	320	56.2	3.5
5	11570.00	57.2 PK	74.0	-16.8	1.66 H	291	47.9	9.3
6	11570.00	47.9 AV	54.0	-6.1	1.66 H	291	38.6	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	#5632.80	58.6 PK	68.2	-9.6	2.14 V	26	55.6	3.0
2	*5785.00	124.2 PK			2.14 V	26	82.4	41.8
3	*5785.00	114.1 AV			2.14 V	26	72.3	41.8
4	#5927.60	60.1 PK	68.2	-8.1	2.14 V	26	56.3	3.8
5	11570.00	57.1 PK	74.0	-16.9	1.98 V	84	47.8	9.3
6	11570.00	47.7 AV	54.0	-6.3	1.98 V	84	38.4	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 (HE20)	Channel	CH 165 : 5825 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, 72% RH
Tested By	Edison Lee		

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	#5635.20	61.3 PK	68.2	-6.9	1.98 H	320	58.3	3.0
2	*5825.00	127.2 PK			1.98 H	320	85.3	41.9
3	*5825.00	117.9 AV			1.98 H	320	76.0	41.9
4	#5925.60	60.0 PK	68.2	-8.2	1.98 H	320	56.2	3.8
5	11650.00	57.0 PK	74.0	-17.0	1.67 H	294	47.8	9.2
6	11650.00	47.8 AV	54.0	-6.2	1.67 H	294	38.6	9.2

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	#5646.00	59.7 PK	68.2	-8.5	2.14 V	12	56.7	3.0
2	*5825.00	122.6 PK			2.14 V	12	80.7	41.9
3	*5825.00	113.5 AV			2.14 V	12	71.6	41.9
4	#5949.20	60.1 PK	68.2	-8.1	2.14 V	12	56.4	3.7
5	11650.00	56.9 PK	74.0	-17.1	1.96 V	85	47.7	9.2
6	11650.00	47.7 AV	54.0	-6.3	1.96 V	85	38.5	9.2

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 38 : 5190 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, 72% RH
Tested By	Edison Lee		

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	60.8 PK	74.0	-13.2	2.51 H	312	58.7	2.1
2	5150.00	52.7 AV	54.0	-1.3	2.51 H	312	50.6	2.1
3	*5190.00	117.6 PK			2.51 H	312	77.2	40.4
4	*5190.00	108.9 AV			2.51 H	312	68.5	40.4
5	#10380.00	55.1 PK	68.2	-13.1	1.64 H	309	46.9	8.2

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	60.5 PK	74.0	-13.5	3.65 V	5	58.4	2.1
2	5150.00	51.0 AV	54.0	-3.0	3.65 V	5	48.9	2.1
3	*5190.00	116.4 PK			3.65 V	5	76.0	40.4
4	*5190.00	107.5 AV			3.65 V	5	67.1	40.4
5	#10380.00	53.8 PK	68.2	-14.4	2.08 V	80	45.6	8.2

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 46 : 5230 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, 72% RH
Tested By	Edison Lee		

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	61.6 PK	74.0	-12.4	1.51 H	37	59.5	2.1
2	5150.00	52.6 AV	54.0	-1.4	1.51 H	37	50.5	2.1
3	*5230.00	121.6 PK			1.51 H	37	81.4	40.2
4	*5230.00	113.4 AV			1.51 H	37	73.2	40.2
5	5350.00	57.2 PK	74.0	-16.8	1.51 H	37	55.4	1.8
6	5350.00	50.1 AV	54.0	-3.9	1.51 H	37	48.3	1.8
7	#10460.00	54.9 PK	68.2	-13.3	1.70 H	320	46.9	8.0

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	5150.00	59.1 PK	74.0	-14.9	3.40 V	18	57.0	2.1
2	5150.00	50.2 AV	54.0	-3.8	3.40 V	18	48.1	2.1
3	*5230.00	118.2 PK			3.40 V	18	78.0	40.2
4	*5230.00	110.0 AV			3.40 V	18	69.8	40.2
5	5350.00	56.7 PK	74.0	-17.3	3.40 V	18	54.9	1.8
6	5350.00	48.5 AV	54.0	-5.5	3.40 V	18	46.7	1.8
7	#10460.00	53.4 PK	68.2	-14.8	2.00 V	81	45.4	8.0

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 151 : 5755 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, 72% RH
Tested By	Edison Lee		

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	#5634.40	61.6 PK	68.2	-6.6	1.54 H	46	58.6	3.0
2	*5755.00	122.6 PK			1.54 H	46	80.9	41.7
3	*5755.00	115.1 AV			1.54 H	46	73.4	41.7
4	#5962.80	60.4 PK	68.2	-7.8	1.54 H	46	56.9	3.5
5	11510.00	56.4 PK	74.0	-17.6	1.69 H	299	47.0	9.4
6	11510.00	46.8 AV	54.0	-7.2	1.69 H	299	37.4	9.4

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	#5643.60	61.0 PK	68.2	-7.2	3.95 V	8	58.0	3.0
2	*5755.00	121.7 PK			3.95 V	8	80.0	41.7
3	*5755.00	113.3 AV			3.95 V	8	71.6	41.7
4	#5937.60	59.3 PK	68.2	-8.9	3.95 V	8	55.5	3.8
5	11510.00	56.4 PK	74.0	-17.6	1.98 V	74	47.0	9.4
6	11510.00	46.5 AV	54.0	-7.5	1.98 V	74	37.1	9.4

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.



RF Mode	802.11ax (HE40)	Channel	CH 159 : 5795 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, 72% RH
Tested By	Edison Lee		

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	#5601.60	61.2 PK	68.2	-7.0	2.04 H	312	58.4	2.8
2	*5795.00	124.7 PK			2.04 H	312	82.9	41.8
3	*5795.00	115.6 AV			2.04 H	312	73.8	41.8
4	#5933.60	59.5 PK	68.2	-8.7	2.04 H	312	55.7	3.8
5	11590.00	56.5 PK	74.0	-17.5	1.97 H	69	47.2	9.3
6	11590.00	46.5 AV	54.0	-7.5	1.97 H	69	37.2	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	#5644.80	59.8 PK	68.2	-8.4	3.90 V	7	56.8	3.0
2	*5795.00	122.0 PK			3.92 V	7	80.2	41.8
3	*5795.00	113.8 AV			3.92 V	7	72.0	41.8
4	#5938.40	60.1 PK	68.2	-8.1	3.90 V	7	56.3	3.8
5	11590.00	56.1 PK	74.0	-17.9	1.90 V	77	46.8	9.3
6	11590.00	46.2 AV	54.0	-7.8	1.90 V	77	36.9	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 (HE80)	Channel	CH 42 : 5210 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, 72% RH
Tested By	Edison Lee		

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	61.4 PK	74.0	-12.6	1.67 H	36	59.3	2.1
2	5150.00	52.8 AV	54.0	-1.2	1.67 H	36	50.7	2.1
3	*5210.00	114.0 PK			1.67 H	36	73.7	40.3
4	*5210.00	105.9 AV			1.67 H	36	65.6	40.3
5	#10420.00	55.2 PK	68.2	-13.0	1.66 H	320	47.1	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	5150.00	57.9 PK	74.0	-16.1	3.90 V	13	55.8	2.1
2	5150.00	49.9 AV	54.0	-4.1	3.90 V	13	47.8	2.1
3	*5210.00	109.6 PK			3.90 V	13	69.3	40.3
4	*5210.00	102.4 AV			3.90 V	13	62.1	40.3
5	#10420.00	53.5 PK	68.2	-14.7	1.99 V	89	45.4	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 155 : 5775 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, 72% RH
Tested By	Edison Lee		

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	#5641.20	66.3 PK	68.2	-1.9	1.56 H	51	63.3	3.0
2	#5657.20	71.4 PK	73.5	-2.1	1.56 H	51	68.4	3.0
3	*5775.00	113.7 PK			1.56 H	51	71.9	41.8
4	*5775.00	105.9 AV			1.56 H	51	64.1	41.8
5	#5935.60	60.2 PK	68.2	-8.0	1.56 H	51	56.4	3.8
6	11550.00	56.2 PK	74.0	-17.8	1.59 H	305	46.9	9.3
7	11550.00	46.3 AV	54.0	-7.7	1.59 H	305	37.0	9.3

Antenna Polarity & Test Distance : Vertical at 3 m

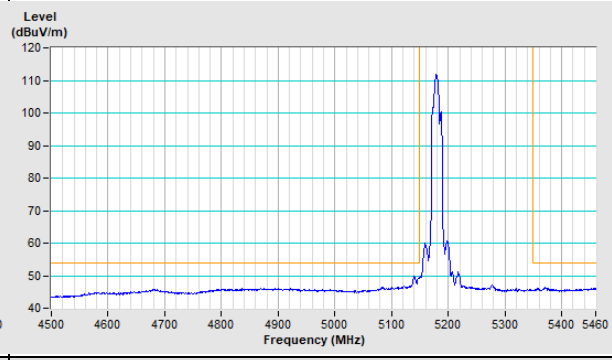
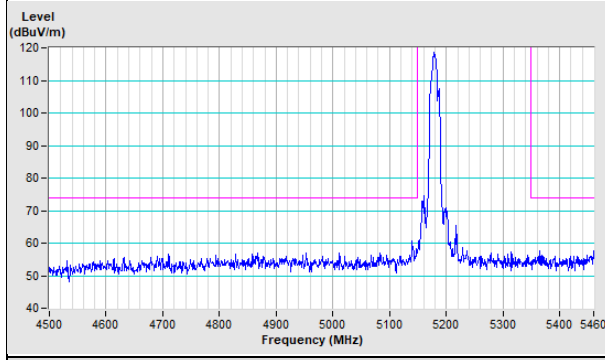
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5634.00	61.2 PK	68.2	-7.0	3.52 V	2	58.2	3.0
2	*5775.00	110.4 PK			3.52 V	2	68.6	41.8
3	*5775.00	101.7 AV			3.52 V	2	59.9	41.8
4	#5933.60	59.0 PK	68.2	-9.2	3.52 V	2	55.2	3.8
5	11550.00	55.5 PK	74.0	-18.5	2.01 V	88	46.2	9.3
6	11550.00	45.6 AV	54.0	-8.4	2.01 V	88	36.3	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.

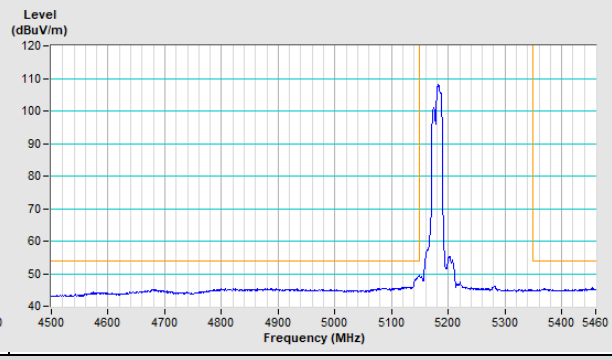
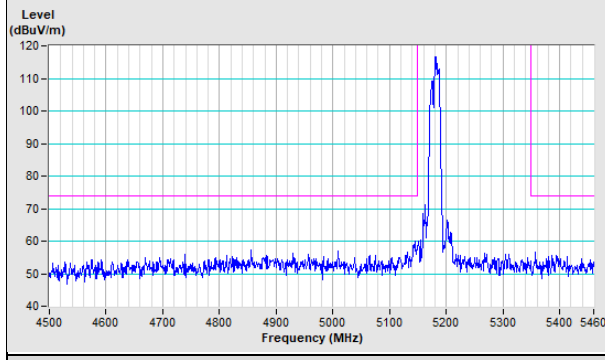
802.11a Channel 36

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



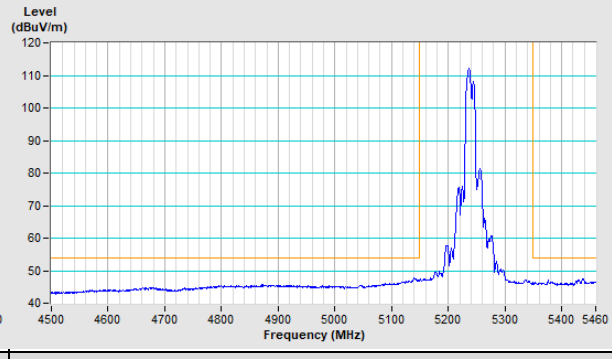
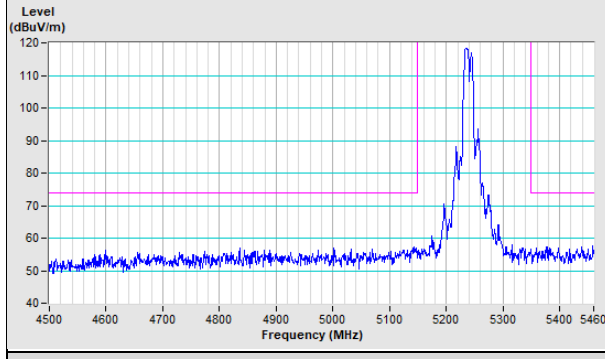
Vertical (Peak)

Vertical (Average)



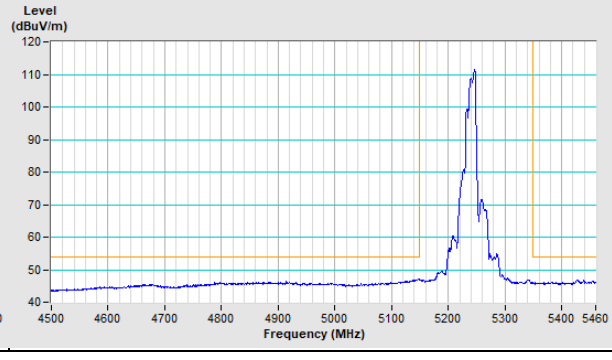
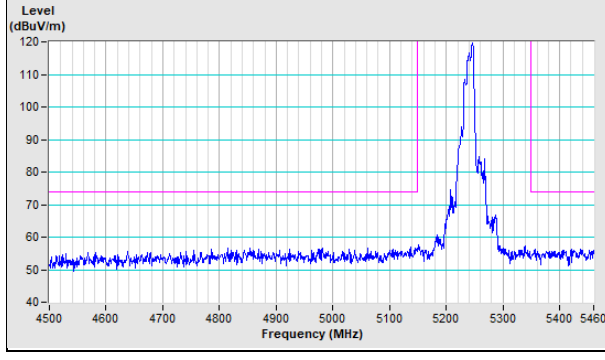
802.11a Channel 48

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

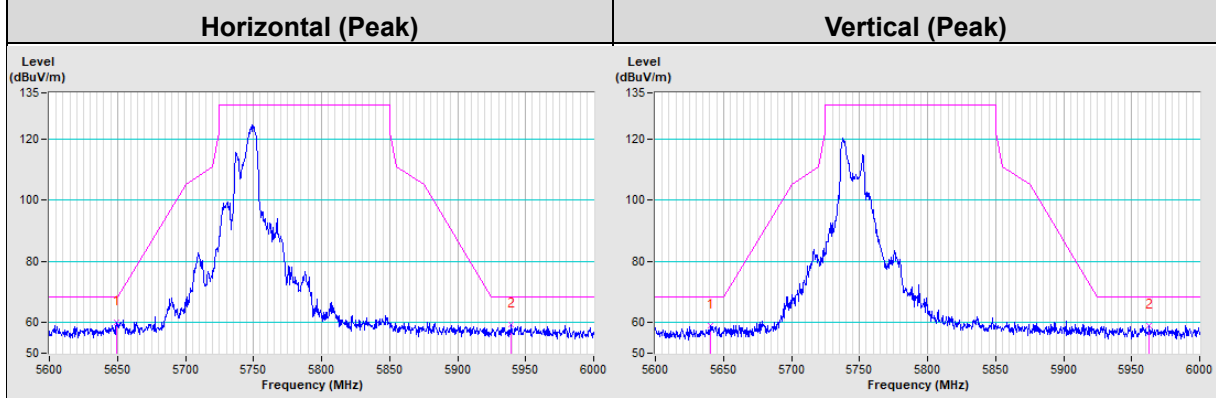


Vertical (Peak)

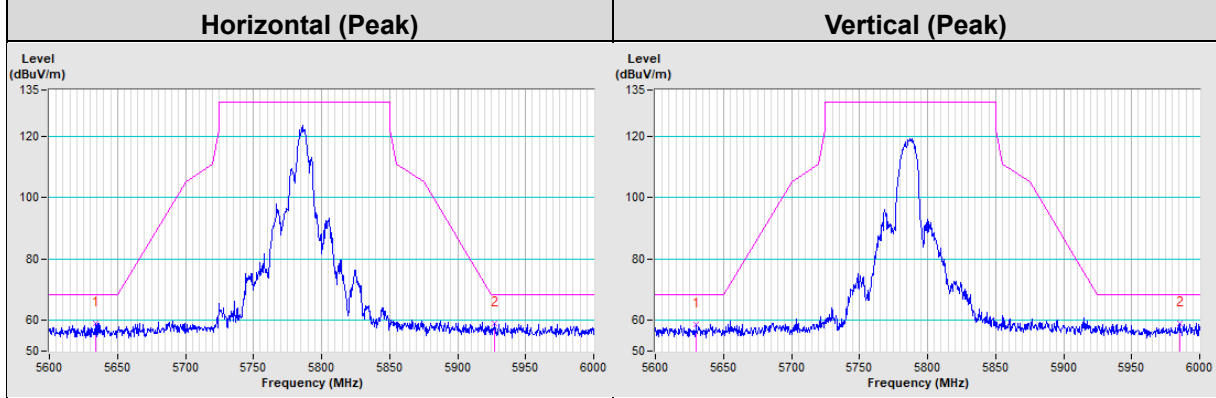
Vertical (Average)



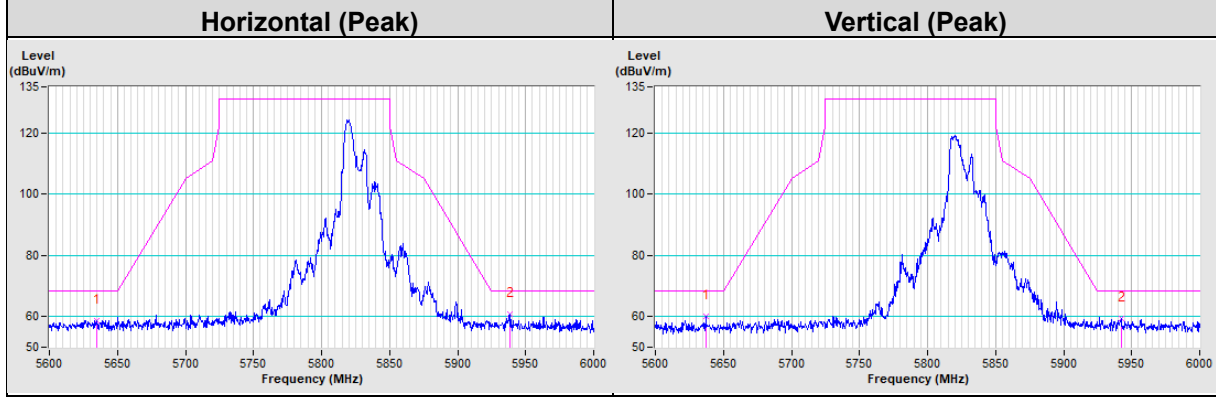
802.11a Channel 149



802.11a Channel 157

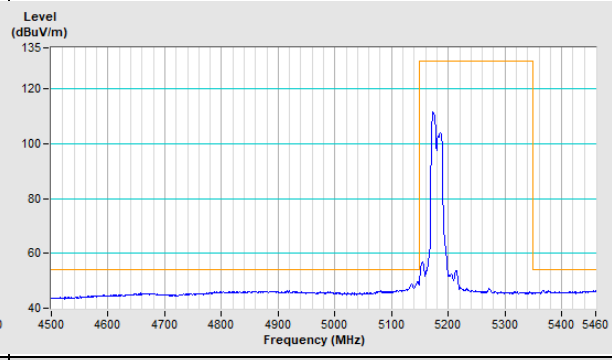
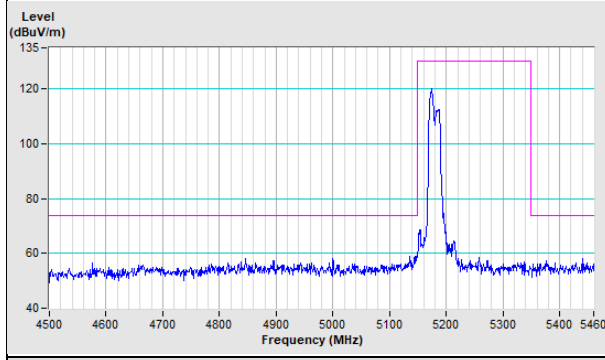


802.11a Channel 165



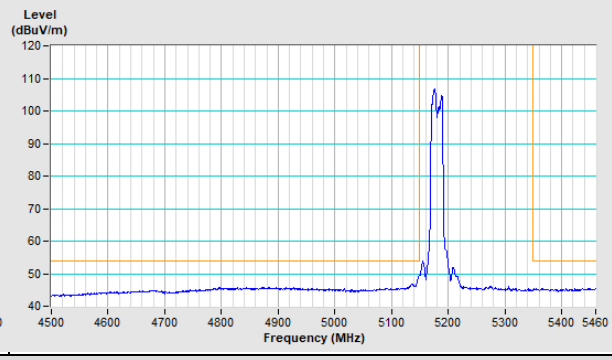
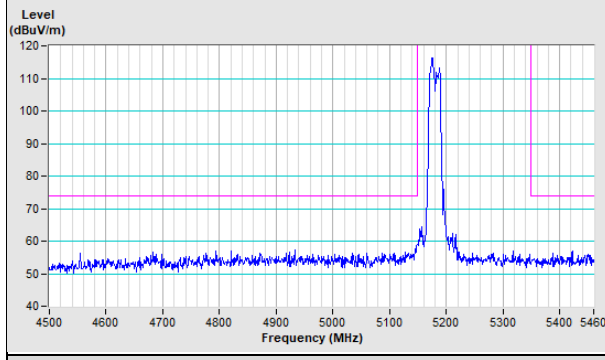
802.11ax (HE20) Channel 36

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



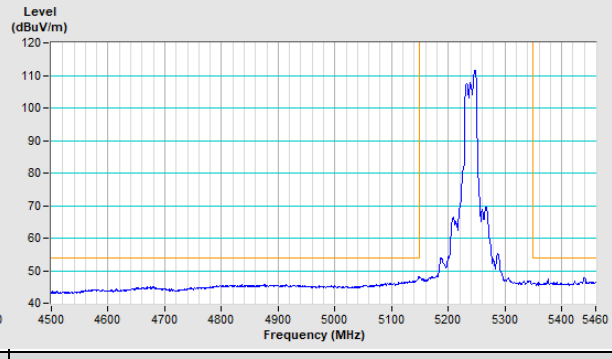
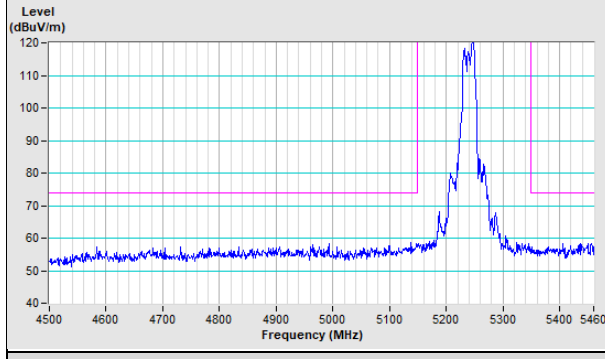
Vertical (Peak)

Vertical (Average)



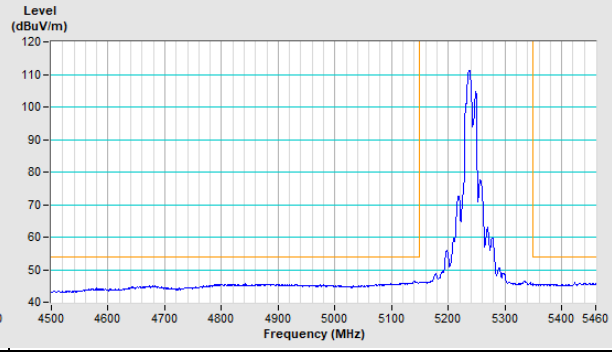
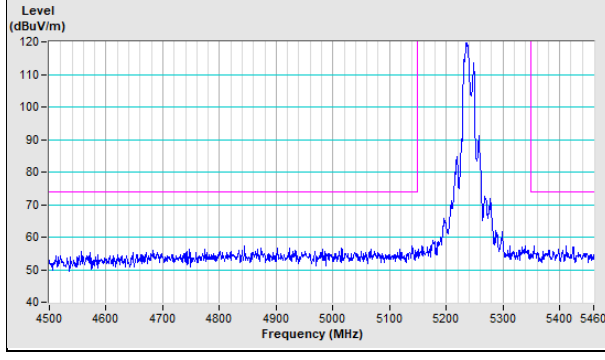
802.11ax (HE20) Channel 48

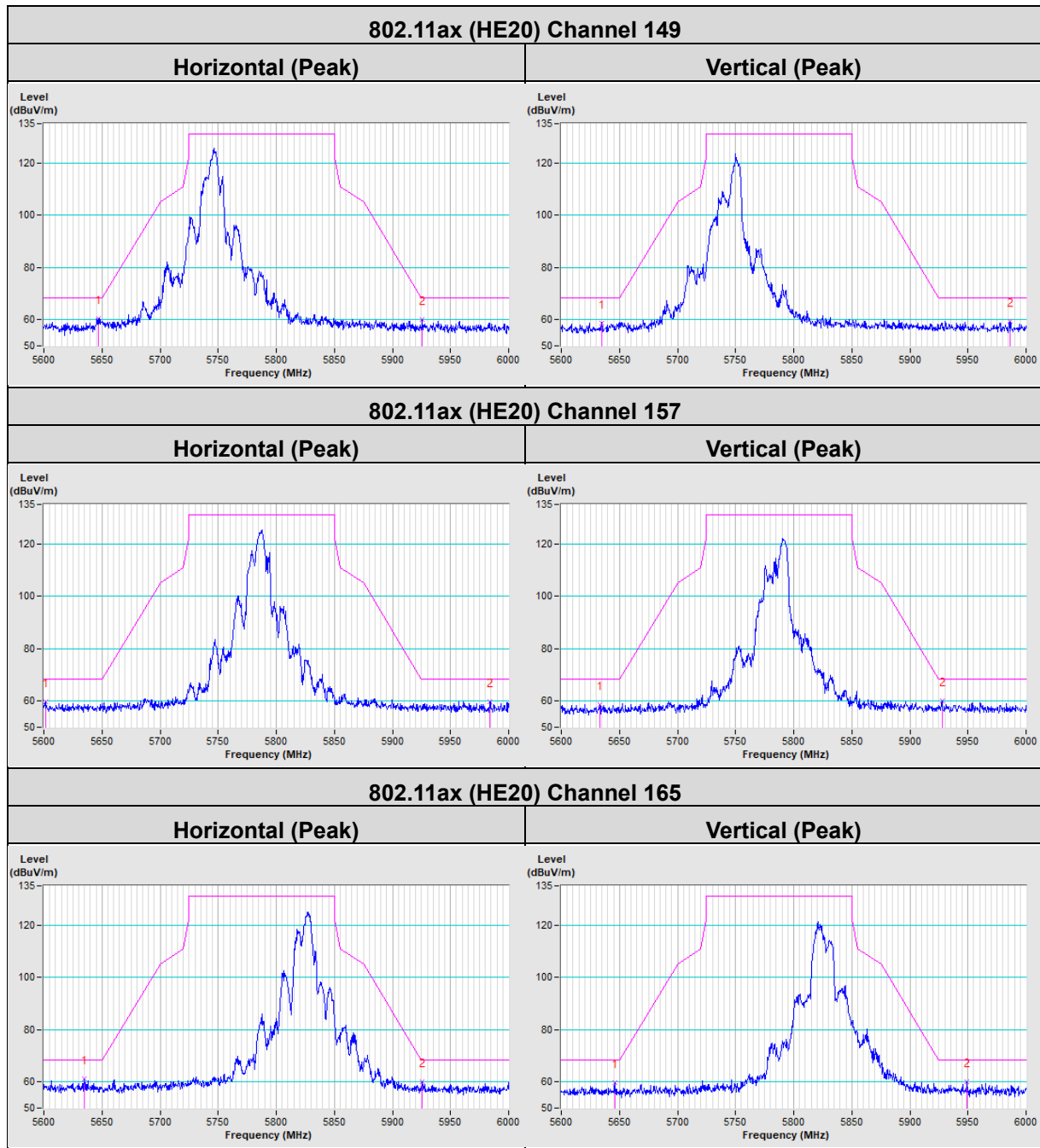
Horizontal (Peak) **Horizontal (Average)**



Vertical (Peak)

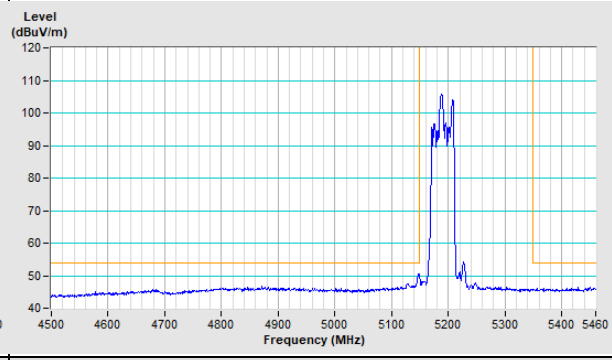
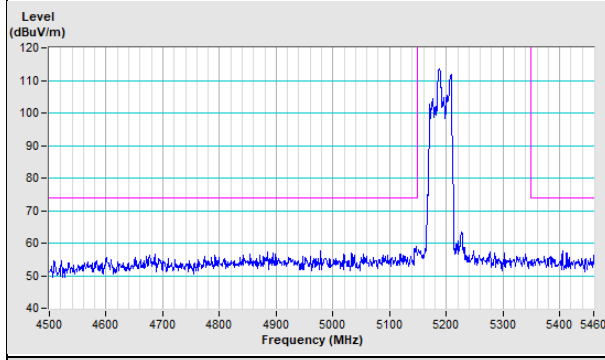
Vertical (Average)





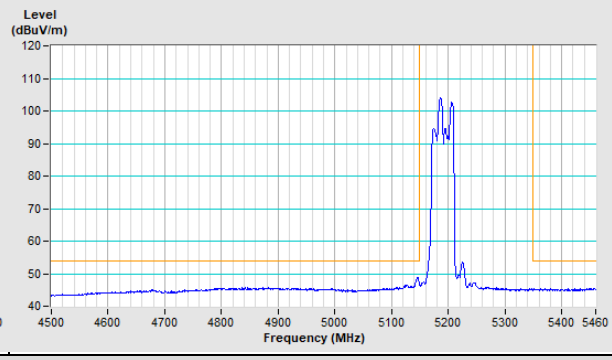
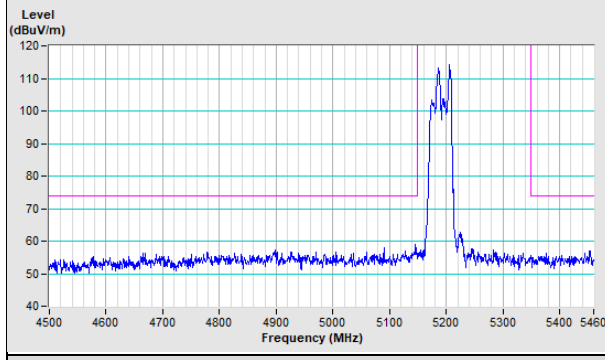
802.11ax (HE40) Channel 38

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



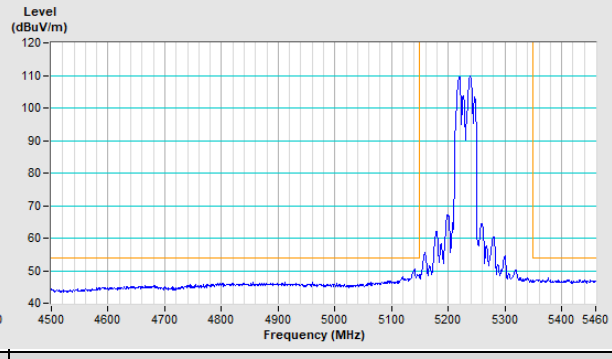
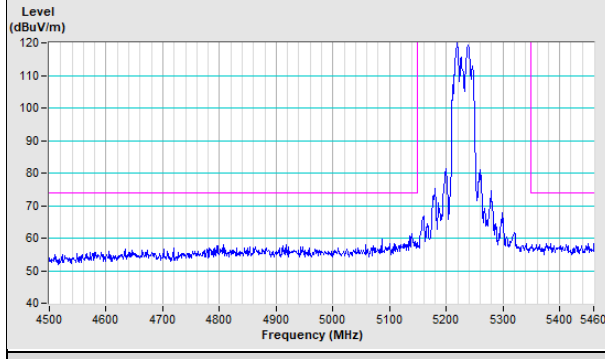
Vertical (Peak)

Vertical (Average)



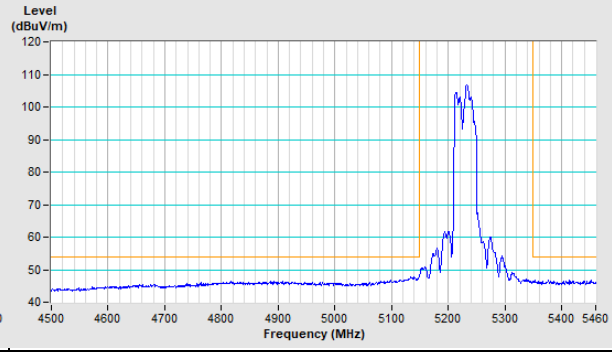
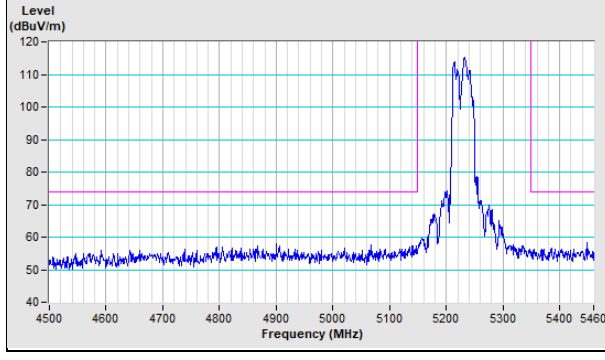
802.11ax (HE40) Channel 46

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

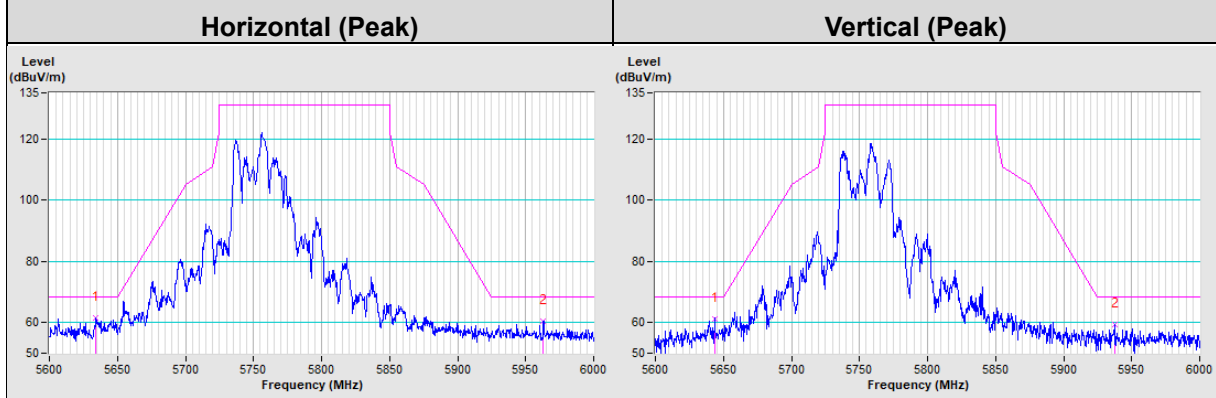


Vertical (Peak)

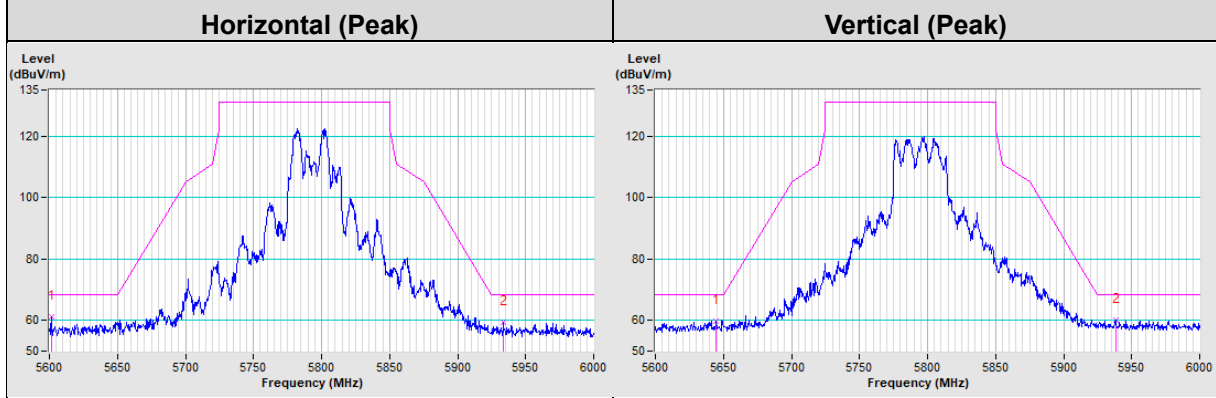
Vertical (Average)



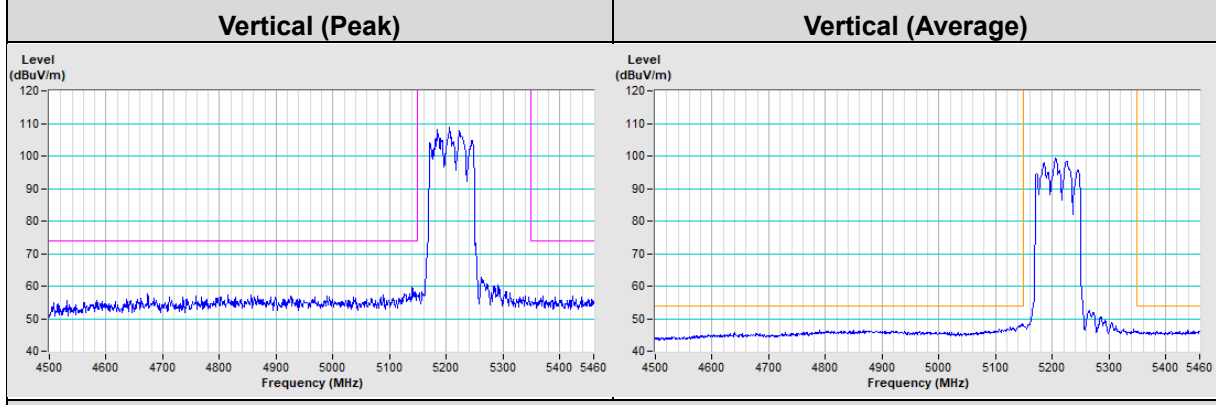
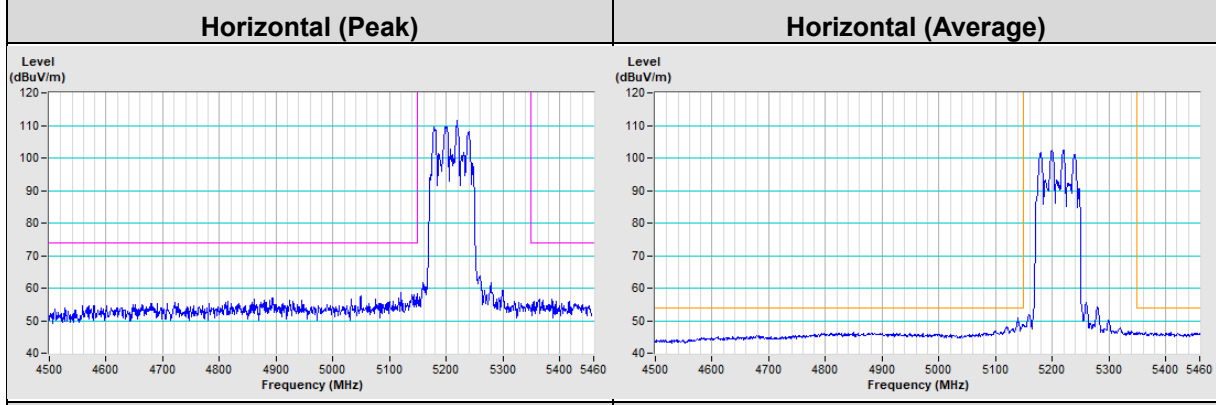
802.11ax (HE40) Channel 151



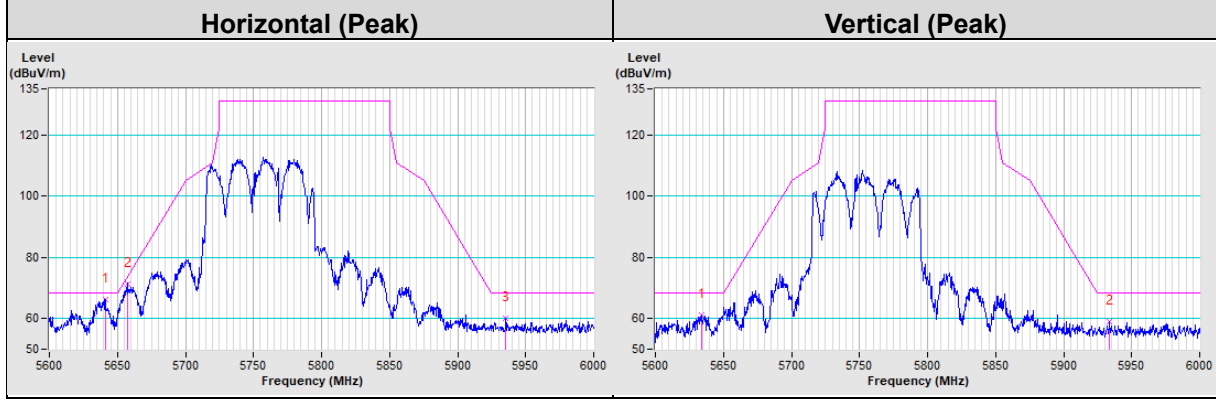
802.11ax (HE40) Channel 159



802.11ax (HE80) Channel 42



802.11ax (HE80) Channel 155



Test Mode C: FAP-431G_Radio 3

RF Mode	802.11a	Channel	CH 149 : 5745 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	Edison Lee		

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	#5648.00	65.9 PK	68.2	-2.3	1.46 H	296	62.9	3.0
2	*5745.00	124.1 PK			1.46 H	296	82.4	41.7
3	*5745.00	117.1 AV			1.46 H	296	75.4	41.7
4	#5926.80	59.9 PK	68.2	-8.3	1.46 H	296	56.1	3.8
5	11490.00	56.8 PK	74.0	-17.2	1.80 H	154	47.4	9.4
6	11490.00	49.2 AV	54.0	-4.8	1.80 H	154	39.8	9.4
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	#5649.60	61.0 PK	68.2	-7.2	2.02 V	22	58.0	3.0
2	*5745.00	120.7 PK			2.02 V	22	79.0	41.7
3	*5745.00	113.4 AV			2.02 V	22	71.7	41.7
4	#5931.60	58.4 PK	68.2	-9.8	2.02 V	22	54.6	3.8
5	11490.00	56.2 PK	74.0	-17.8	1.92 V	248	46.8	9.4
6	11490.00	48.4 AV	54.0	-5.6	1.92 V	248	39.0	9.4

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.



RF Mode	802.11a	Channel	CH 157 : 5785 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	Edison Lee		

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	#5627.20	58.5 PK	68.2	-9.7	1.40 H	293	55.5	3.0
2	*5785.00	124.3 PK			1.40 H	293	82.5	41.8
3	*5785.00	117.5 AV			1.40 H	293	75.7	41.8
4	#5956.00	59.2 PK	68.2	-9.0	1.40 H	293	55.6	3.6
5	11570.00	57.9 PK	74.0	-16.1	1.62 H	150	48.6	9.3
6	11570.00	50.6 AV	54.0	-3.4	1.62 H	150	41.3	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	#5638.40	57.9 PK	68.2	-10.3	2.01 V	21	54.9	3.0
2	*5785.00	120.1 PK			2.01 V	21	78.3	41.8
3	*5785.00	113.4 AV			2.01 V	21	71.6	41.8
4	#5926.40	58.6 PK	68.2	-9.6	2.01 V	21	54.8	3.8
5	11570.00	56.2 PK	74.0	-17.8	1.88 V	248	46.9	9.3
6	11570.00	47.9 AV	54.0	-6.1	1.88 V	248	38.6	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	802.11a	Channel	CH 165 : 5825 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	Edison Lee		

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	#5630.80	57.7 PK	68.2	-10.5	1.30 H	299	54.7	3.0
2	*5825.00	125.7 PK			1.30 H	299	83.8	41.9
3	*5825.00	118.3 AV			1.30 H	299	76.4	41.9
4	#5928.80	64.9 PK	68.2	-3.3	1.30 H	299	61.1	3.8
5	11650.00	56.7 PK	74.0	-17.3	1.88 H	162	47.5	9.2
6	11650.00	49.8 AV	54.0	-4.2	1.88 H	162	40.6	9.2

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	#5635.20	58.1 PK	68.2	-10.1	2.07 V	20	55.1	3.0
2	*5825.00	120.8 PK			2.07 V	20	78.9	41.9
3	*5825.00	114.3 AV			2.07 V	20	72.4	41.9
4	#5968.40	59.2 PK	68.2	-9.0	2.07 V	20	55.7	3.5
5	11650.00	55.7 PK	74.0	-18.3	1.98 V	262	46.5	9.2
6	11650.00	48.8 AV	54.0	-5.2	1.98 V	262	39.6	9.2

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 149 : 5745 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	Edison Lee		

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	#5648.80	65.8 PK	68.2	-2.4	1.47 H	72	62.8	3.0
2	#5651.60	68.3 PK	69.4	-1.1	1.47 H	72	65.3	3.0
3	*5745.00	124.4 PK			1.47 H	72	82.7	41.7
4	*5745.00	116.5 AV			1.47 H	72	74.8	41.7
5	#5975.20	60.2 PK	68.2	-8.0	1.47 H	72	56.7	3.5
6	11490.00	56.3 PK	74.0	-17.7	1.68 H	170	46.9	9.4
7	11490.00	48.0 AV	54.0	-6.0	1.68 H	170	38.6	9.4
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	#5646.40	60.2 PK	68.2	-8.0	2.09 V	1	57.2	3.0
2	*5745.00	119.1 PK			2.09 V	1	77.4	41.7
3	*5745.00	111.6 AV			2.09 V	1	69.9	41.7
4	#5926.40	59.2 PK	68.2	-9.0	2.09 V	1	55.4	3.8
5	11490.00	55.8 PK	74.0	-18.2	1.85 V	256	46.4	9.4
6	11490.00	47.4 AV	54.0	-6.6	1.85 V	256	38.0	9.4

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 157 : 5785 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	Edison Lee		

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	#5644.40	59.5 PK	68.2	-8.7	1.34 H	293	56.5	3.0
2	*5785.00	125.0 PK			1.34 H	293	83.2	41.8
3	*5785.00	117.3 AV			1.34 H	293	75.5	41.8
4	#5956.00	60.0 PK	68.2	-8.2	1.34 H	293	56.4	3.6
5	11570.00	56.6 PK	74.0	-17.4	1.66 H	177	47.3	9.3
6	11570.00	48.2 AV	54.0	-5.8	1.66 H	177	38.9	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	#5636.80	57.4 PK	68.2	-10.8	2.08 V	22	54.5	2.9
2	*5785.00	120.6 PK			2.08 V	22	78.8	41.8
3	*5785.00	112.8 AV			2.08 V	22	71.0	41.8
4	#5965.20	58.7 PK	68.2	-9.5	2.08 V	22	55.2	3.5
5	11570.00	55.8 PK	74.0	-18.2	1.88 V	262	46.5	9.3
6	11570.00	47.8 AV	54.0	-6.2	1.88 V	262	38.5	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 (HE20)	Channel	CH 165 : 5825 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	Edison Lee		

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	#5624.40	58.2 PK	68.2	-10.0	1.30 H	291	55.2	3.0
2	*5825.00	125.6 PK			1.30 H	291	83.7	41.9
3	*5825.00	117.1 AV			1.30 H	291	75.2	41.9
4	#5932.80	67.2 PK	68.2	-1.0	1.30 H	291	63.4	3.8
5	11650.00	56.0 PK	74.0	-18.0	1.70 H	189	46.8	9.2
6	11650.00	47.6 AV	54.0	-6.4	1.70 H	189	38.4	9.2

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	#5642.40	57.9 PK	68.2	-10.3	1.89 V	16	54.9	3.0
2	*5825.00	121.2 PK			1.89 V	16	79.3	41.9
3	*5825.00	113.1 AV			1.89 V	16	71.2	41.9
4	#5940.00	60.2 PK	68.2	-8.0	1.89 V	16	56.5	3.7
5	11650.00	55.4 PK	74.0	-18.6	1.89 V	248	46.2	9.2
6	11650.00	47.1 AV	54.0	-6.9	1.89 V	248	37.9	9.2

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 151 : 5755 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	Edison Lee		

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	#5642.80	67.2 PK	68.2	-1.0	1.60 H	68	64.2	3.0
2	*5755.00	120.6 PK			1.60 H	68	78.9	41.7
3	*5755.00	111.5 AV			1.60 H	68	69.8	41.7
4	#5948.00	59.1 PK	68.2	-9.1	1.60 H	68	55.4	3.7
5	11510.00	56.2 PK	74.0	-17.8	1.68 H	189	46.8	9.4
6	11510.00	47.8 AV	54.0	-6.2	1.68 H	189	38.4	9.4

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	#5648.80	58.8 PK	68.2	-9.4	1.86 V	3	55.8	3.0
2	*5755.00	114.9 PK			1.86 V	3	73.2	41.7
3	*5755.00	107.9 AV			1.86 V	3	66.2	41.7
4	#5936.40	58.9 PK	68.2	-9.3	1.86 V	3	55.1	3.8
5	11510.00	55.4 PK	74.0	-18.6	1.86 V	250	46.0	9.4
6	11510.00	46.9 AV	54.0	-7.1	1.86 V	250	37.5	9.4

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 159 : 5795 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	Edison Lee		

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	#5641.20	61.9 PK	68.2	-6.3	1.39 H	292	58.9	3.0
2	*5795.00	121.6 PK			1.39 H	292	79.8	41.8
3	*5795.00	112.6 AV			1.39 H	292	70.8	41.8
4	#5926.40	67.6 PK	68.2	-0.6	1.39 H	292	63.8	3.8
5	11590.00	56.0 PK	74.0	-18.0	1.59 H	168	46.7	9.3
6	11590.00	47.3 AV	54.0	-6.7	1.59 H	168	38.0	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	#5643.60	58.6 PK	68.2	-9.6	2.06 V	4	55.6	3.0
2	*5795.00	117.5 PK			2.06 V	4	75.7	41.8
3	*5795.00	108.7 AV			2.06 V	4	66.9	41.8
4	#5926.00	62.1 PK	68.2	-6.1	2.06 V	4	58.3	3.8
5	11590.00	55.5 PK	74.0	-18.5	1.92 V	244	46.2	9.3
6	11590.00	46.8 AV	54.0	-7.2	1.92 V	244	37.5	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 (HE80)	Channel	CH 155 : 5775 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	Edison Lee		

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	#5640.80	66.8 PK	68.2	-1.4	1.34 H	289	63.8	3.0
2	*5775.00	113.9 PK			1.34 H	289	72.1	41.8
3	*5775.00	105.8 AV			1.34 H	289	64.0	41.8
4	#5925.20	62.2 PK	68.2	-6.0	1.34 H	289	58.4	3.8
5	11550.00	55.6 PK	74.0	-18.4	1.60 H	171	46.3	9.3
6	11550.00	46.8 AV	54.0	-7.2	1.60 H	171	37.5	9.3

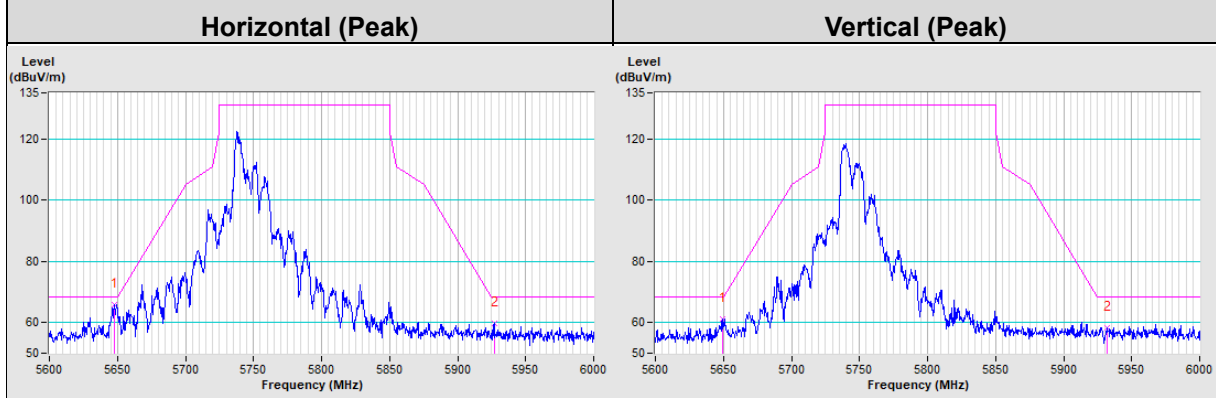
Antenna Polarity & Test Distance : Vertical at 3 m

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	#5638.80	59.6 PK	68.2	-8.6	1.91 V	1	56.6	3.0
2	*5775.00	110.3 PK			1.91 V	1	68.5	41.8
3	*5775.00	102.3 AV			1.91 V	1	60.5	41.8
4	#5970.00	58.6 PK	68.2	-9.6	1.91 V	1	55.1	3.5
5	11550.00	55.3 PK	74.0	-18.7	1.91 V	251	46.0	9.3
6	11550.00	46.4 AV	54.0	-7.6	1.91 V	251	37.1	9.3

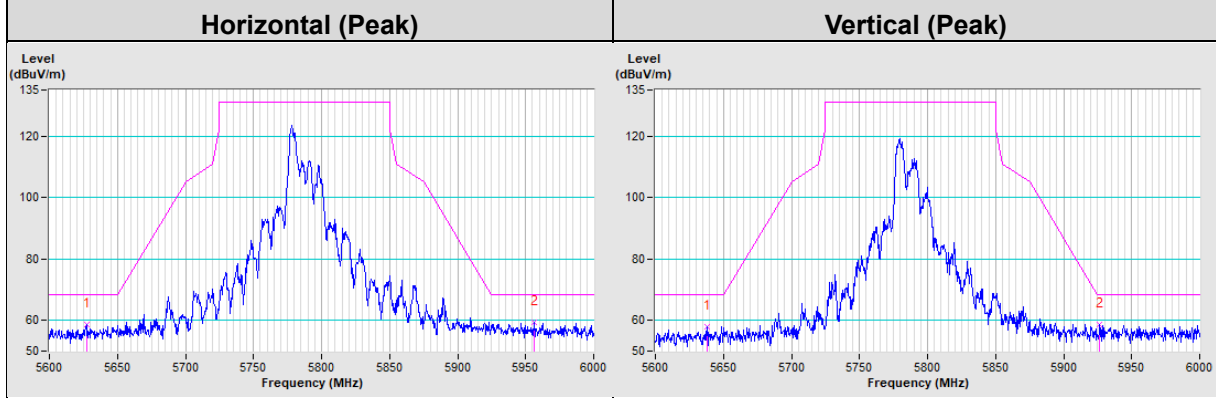
Remarks:

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.

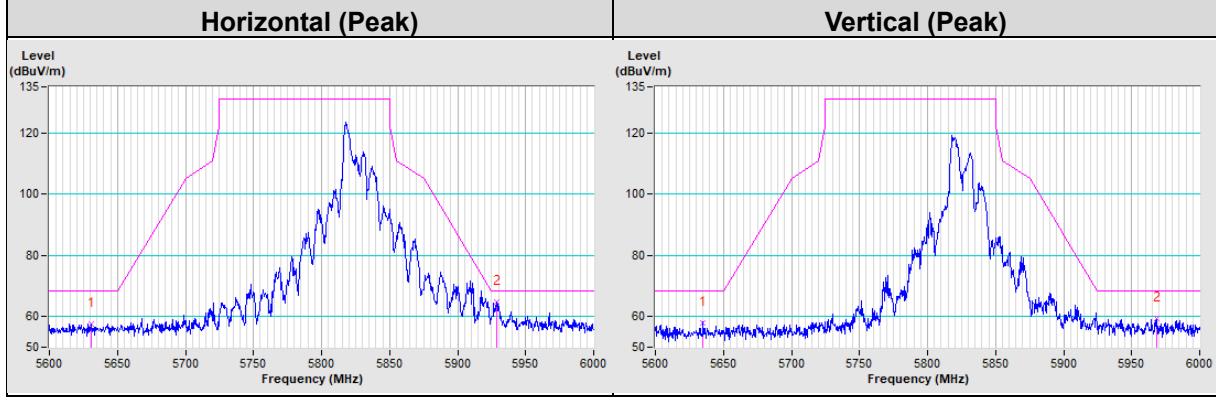
802.11a Channel 149



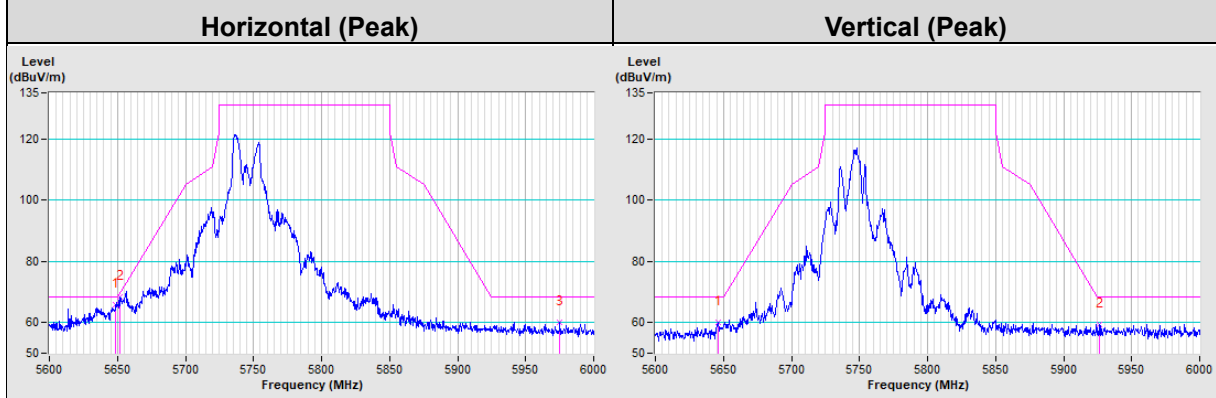
802.11a Channel 157



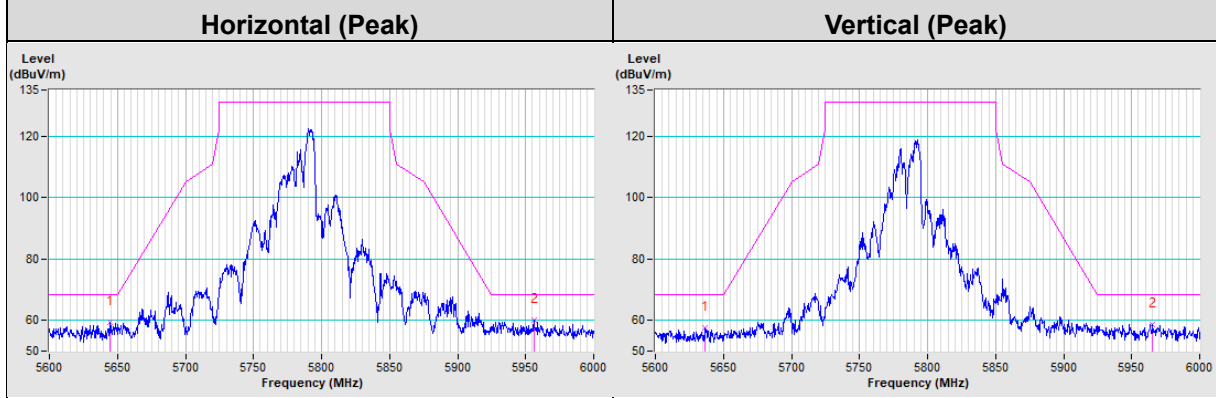
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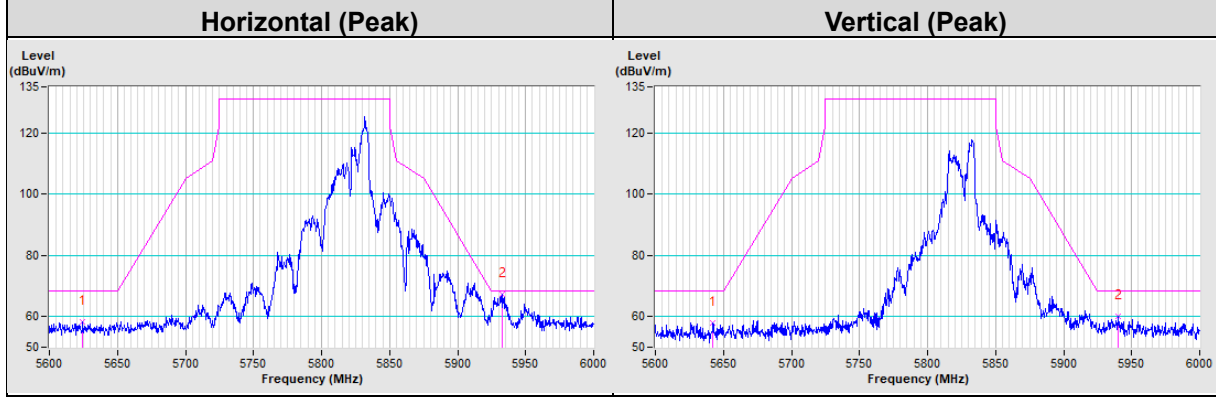
802.11ax (HE20) Channel 149



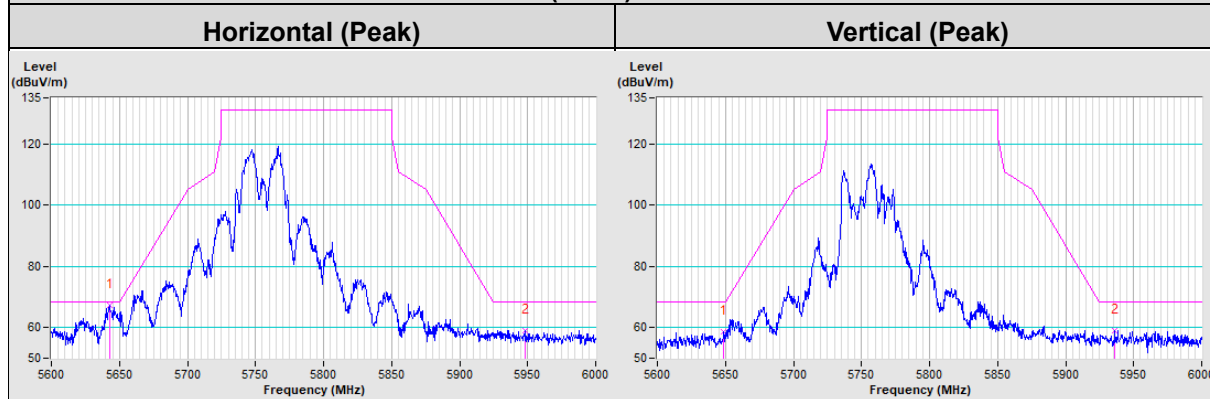
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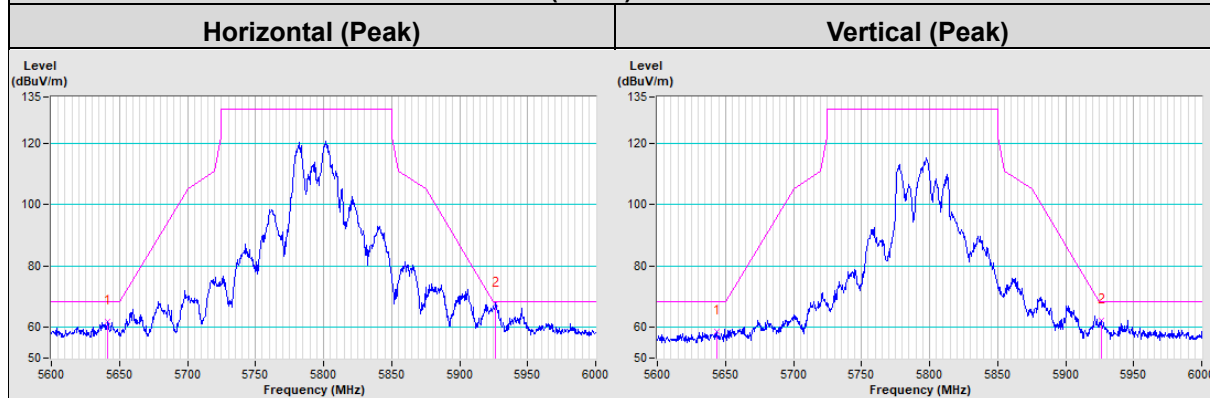
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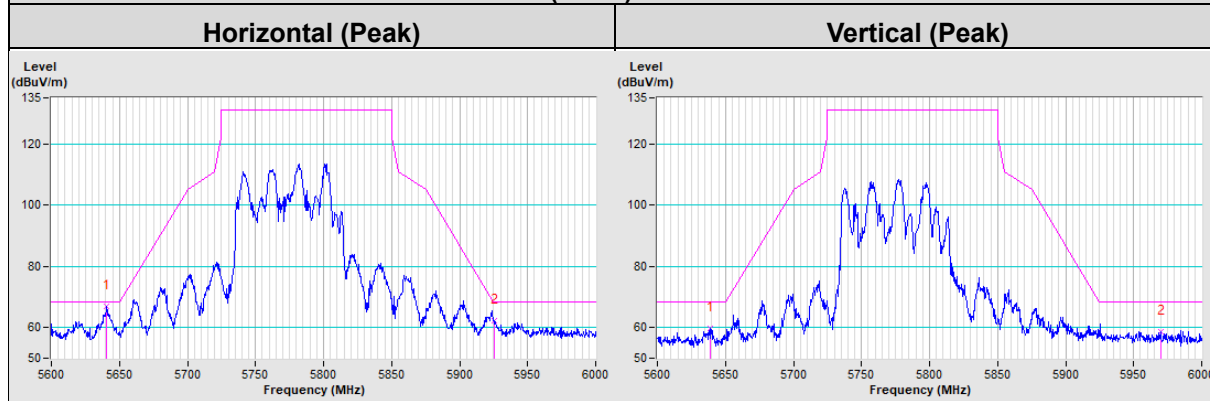
802.11ax (HE40) Channel 151

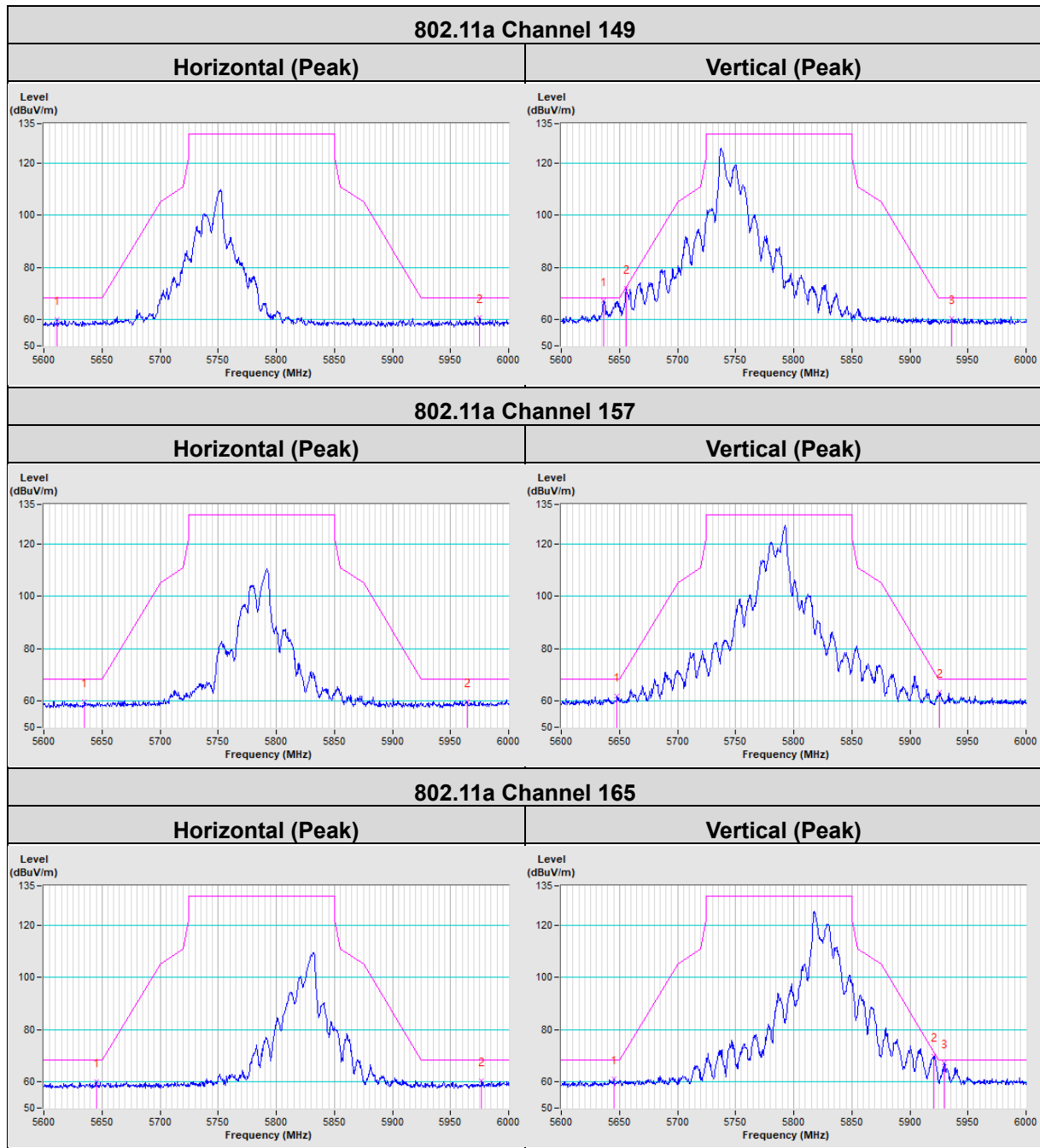


802.11ax (HE40) Channel 159

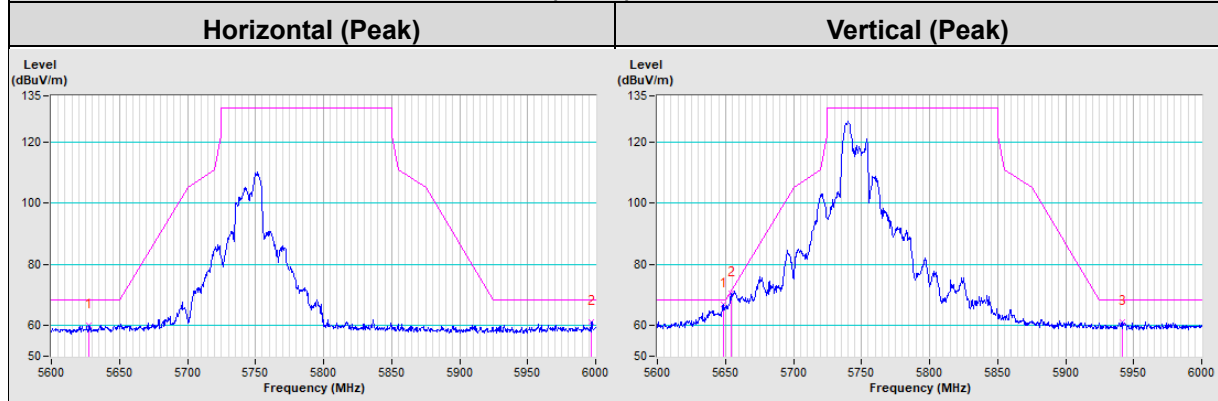


802.11ax (HE80) Channel 155

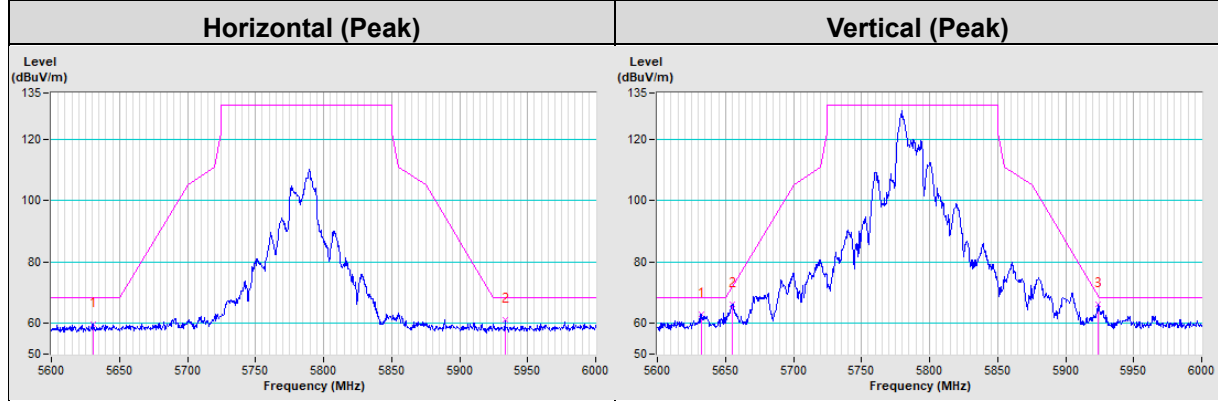




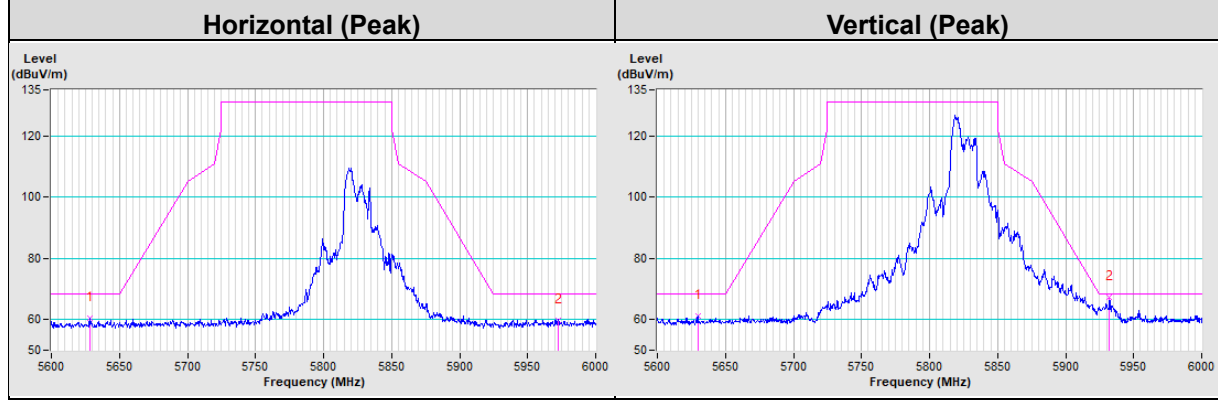
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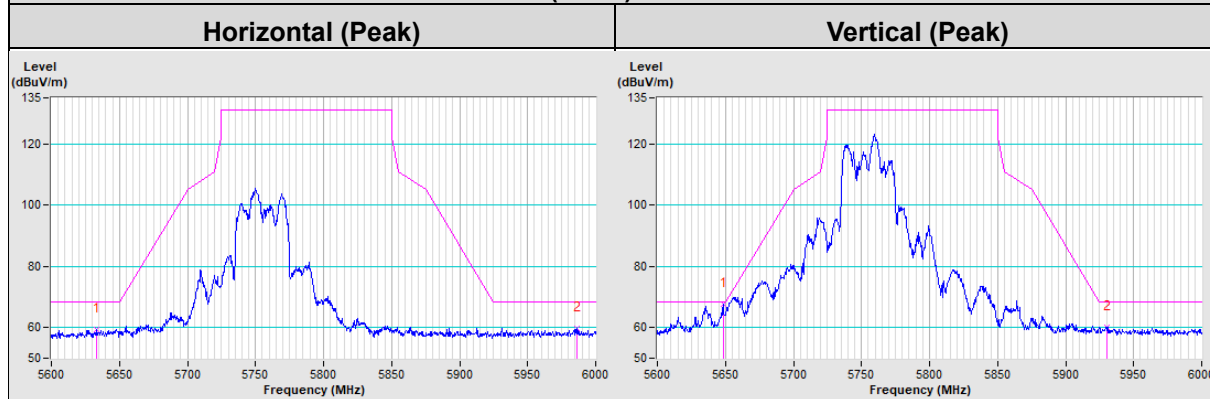
802.11ax (HE20) Channel 157



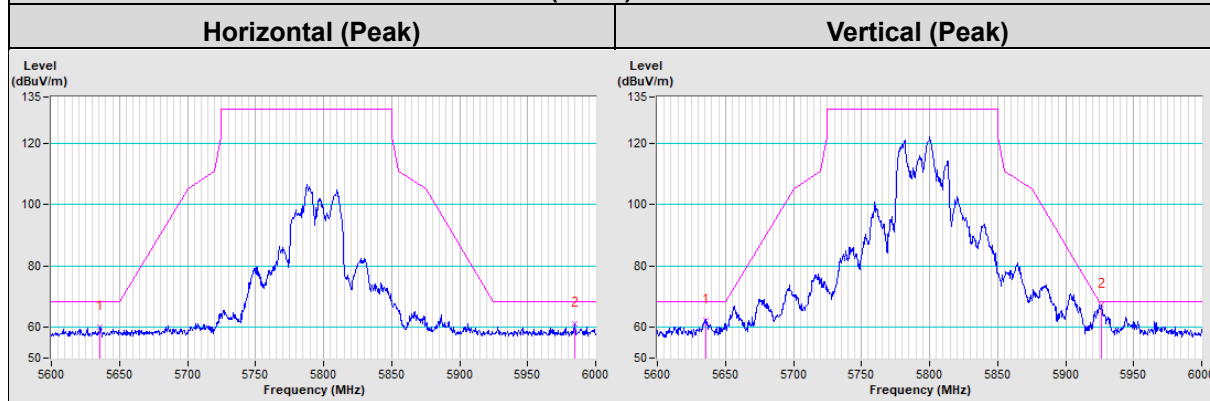
802.11ax (HE20) Channel 165

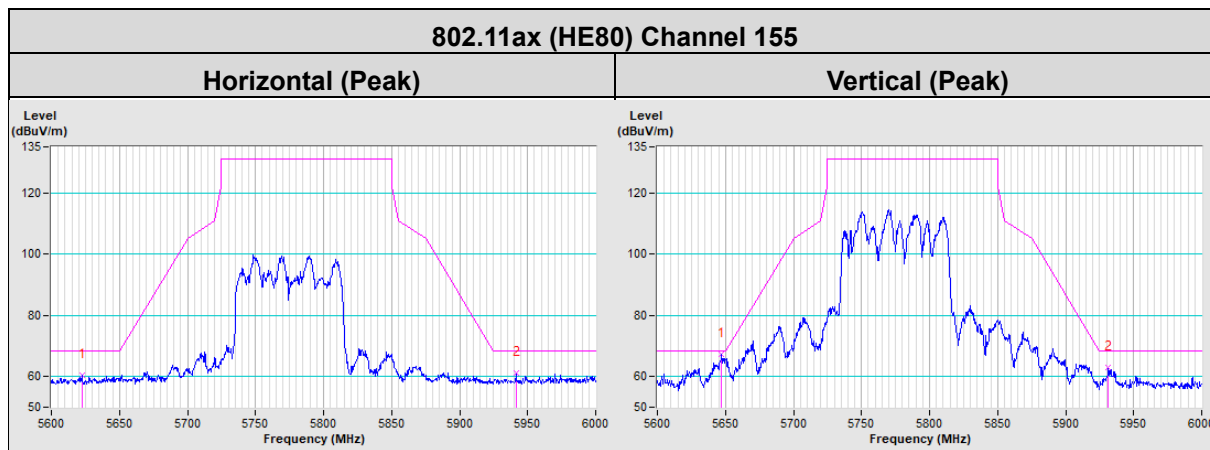


802.11ax (HE40) Channel 151



802.11ax (HE40) Channel 159





Test Mode E: FAP-431G_Scanning Radio

RF Mode	802.11a	Channel	CH 36 : 5180 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	22°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	5150.00	62.6 PK	74.0	-11.4	1.61 H	300	59.7	2.9
2	5150.00	52.5 AV	54.0	-1.5	1.61 H	300	49.6	2.9
3	*5180.00	114.8 PK			1.61 H	300	73.6	41.2
4	*5180.00	108.0 AV			1.61 H	300	66.8	41.2
5	#10360.00	53.5 PK	68.2	-14.7	1.94 H	36	45.6	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	5150.00	57.1 PK	74.0	-16.9	2.02 V	337	54.2	2.9
2	5150.00	48.2 AV	54.0	-5.8	2.02 V	337	45.3	2.9
3	*5180.00	109.0 PK			2.02 V	337	67.8	41.2
4	*5180.00	102.4 AV			2.02 V	337	61.2	41.2
5	#10360.00	53.1 PK	68.2	-15.1	2.55 V	103	45.2	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 40 : 5200 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	22°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	5150.00	65.2 PK	74.0	-8.8	1.68 H	304	62.3	2.9
2	5150.00	53.2 AV	54.0	-0.8	1.68 H	304	50.3	2.9
3	*5200.00	117.3 PK			1.68 H	304	76.2	41.1
4	*5200.00	110.0 AV			1.68 H	304	68.9	41.1
5	#10400.00	53.8 PK	68.2	-14.4	2.01 H	40	45.8	8.0

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	5150.00	58.4 PK	74.0	-15.6	1.90 V	326	55.5	2.9
2	5150.00	50.3 AV	54.0	-3.7	1.90 V	326	47.4	2.9
3	*5200.00	113.6 PK			1.90 V	326	72.5	41.1
4	*5200.00	106.5 AV			1.90 V	326	65.4	41.1
5	#10400.00	53.6 PK	68.2	-14.6	2.11 V	111	45.6	8.0

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	802.11a	Channel	CH 48 : 5240 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	22°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	5150.00	62.4 PK	74.0	-11.6	1.09 H	305	59.5	2.9
2	5150.00	53.4 AV	54.0	-0.6	1.09 H	305	50.5	2.9
3	*5240.00	120.6 PK			1.09 H	305	79.6	41.0
4	*5240.00	112.9 AV			1.09 H	305	71.9	41.0
5	5350.00	58.6 PK	74.0	-15.4	1.09 H	305	56.0	2.6
6	5350.00	49.9 AV	54.0	-4.1	1.09 H	305	47.3	2.6
7	#10480.00	53.7 PK	68.2	-14.5	1.99 H	52	45.9	7.8

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	5150.00	57.8 PK	74.0	-16.2	1.90 V	335	54.9	2.9
2	5150.00	49.1 AV	54.0	-4.9	1.90 V	335	46.2	2.9
3	*5240.00	114.9 PK			1.90 V	335	73.9	41.0
4	*5240.00	107.5 AV			1.90 V	335	66.5	41.0
5	5350.00	58.2 PK	74.0	-15.8	1.90 V	335	55.6	2.6
6	5350.00	46.9 AV	54.0	-7.1	1.90 V	335	44.3	2.6
7	#10480.00	53.5 PK	68.2	-14.7	2.25 V	108	45.7	7.8

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	802.11a	Channel	CH 149 : 5745 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	22°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	#5646.40	67.8 PK	68.2	-0.4	1.64 H	65	64.8	3.0
2	*5745.00	122.4 PK			1.64 H	65	80.7	41.7
3	*5745.00	115.0 AV			1.64 H	65	73.3	41.7
4	#5943.60	58.4 PK	68.2	-9.8	1.64 H	65	54.7	3.7
5	11490.00	56.6 PK	74.0	-17.4	2.03 H	66	47.2	9.4
6	11490.00	47.1 AV	54.0	-6.9	2.03 H	66	37.7	9.4

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	#5647.60	64.2 PK	68.2	-4.0	1.98 V	322	61.2	3.0
2	*5745.00	116.8 PK			1.98 V	322	75.1	41.7
3	*5745.00	108.5 AV			1.98 V	322	66.8	41.7
4	#5928.40	59.1 PK	68.2	-9.1	1.98 V	322	55.3	3.8
5	11490.00	56.4 PK	74.0	-17.6	2.25 V	56	47.0	9.4
6	11490.00	46.9 AV	54.0	-7.1	2.25 V	56	37.5	9.4

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.



RF Mode	802.11a	Channel	CH 157 : 5785 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	22°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	#5618.00	59.9 PK	68.2	-8.3	1.81 H	60	57.0	2.9
2	*5785.00	121.8 PK			1.81 H	60	80.0	41.8
3	*5785.00	115.3 AV			1.81 H	60	73.5	41.8
4	#5949.20	57.2 PK	68.2	-11.0	1.81 H	60	53.5	3.7
5	11570.00	56.5 PK	74.0	-17.5	1.93 H	63	47.2	9.3
6	11570.00	46.5 AV	54.0	-7.5	1.93 H	63	37.2	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	#5639.20	58.2 PK	68.2	-10.0	1.97 V	323	55.2	3.0
2	*5785.00	116.5 PK			1.97 V	323	74.7	41.8
3	*5785.00	107.9 AV			1.97 V	323	66.1	41.8
4	#5946.40	58.8 PK	68.2	-9.4	1.97 V	323	55.1	3.7
5	11570.00	56.2 PK	74.0	-17.8	2.31 V	49	46.9	9.3
6	11570.00	46.3 AV	54.0	-7.7	2.31 V	49	37.0	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	802.11a	Channel	CH 165 : 5825 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	22°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	#5624.00	57.5 PK	68.2	-10.7	1.77 H	67	54.5	3.0
2	*5825.00	122.0 PK			1.77 H	67	80.1	41.9
3	*5825.00	115.1 AV			1.77 H	67	73.2	41.9
4	#5934.40	63.3 PK	68.2	-4.9	1.77 H	67	59.5	3.8
5	11650.00	56.2 PK	74.0	-17.8	1.98 H	78	47.0	9.2
6	11650.00	46.3 AV	54.0	-7.7	1.98 H	78	37.1	9.2

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	#5626.40	56.6 PK	68.2	-11.6	1.83 V	321	53.6	3.0
2	*5825.00	116.2 PK			1.83 V	321	74.3	41.9
3	*5825.00	108.7 AV			1.83 V	321	66.8	41.9
4	#5932.00	60.9 PK	68.2	-7.3	1.83 V	321	57.1	3.8
5	11650.00	56.1 PK	74.0	-17.9	2.26 V	32	46.9	9.2
6	11650.00	46.1 AV	54.0	-7.9	2.26 V	32	36.9	9.2

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 36 : 5180 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	22°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	5150.00	64.6 PK	74.0	-9.4	1.45 H	297	61.7	2.9
2	5150.00	53.1 AV	54.0	-0.9	1.45 H	297	50.2	2.9
3	*5180.00	116.2 PK			1.45 H	297	75.0	41.2
4	*5180.00	107.8 AV			1.45 H	297	66.6	41.2
5	#10360.00	53.6 PK	68.2	-14.6	1.98 H	44	45.7	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	5150.00	58.8 PK	74.0	-15.2	1.93 V	324	55.9	2.9
2	5150.00	49.6 AV	54.0	-4.4	1.93 V	324	46.7	2.9
3	*5180.00	112.8 PK			1.93 V	324	71.6	41.2
4	*5180.00	103.3 AV			1.93 V	324	62.1	41.2
5	#10360.00	53.4 PK	68.2	-14.8	2.14 V	115	45.5	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 (HE20)	Channel	CH 40 : 5200 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	22°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	5150.00	63.1 PK	74.0	-10.9	1.33 H	300	60.2	2.9
2	5150.00	53.4 AV	54.0	-0.6	1.33 H	300	50.5	2.9
3	*5200.00	119.1 PK			1.33 H	300	78.0	41.1
4	*5200.00	110.2 AV			1.33 H	300	69.1	41.1
5	#10400.00	53.9 PK	68.2	-14.3	2.05 H	49	45.9	8.0

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	5150.00	57.6 PK	74.0	-16.4	1.89 V	324	54.7	2.9
2	5150.00	49.3 AV	54.0	-4.7	1.89 V	324	46.4	2.9
3	*5200.00	114.0 PK			1.89 V	324	72.9	41.1
4	*5200.00	105.2 AV			1.89 V	324	64.1	41.1
5	#10400.00	53.8 PK	68.2	-14.4	2.02 V	127	45.8	8.0

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 48 : 5240 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	22°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	5150.00	63.4 PK	74.0	-10.6	1.22 H	302	60.5	2.9
2	5150.00	53.2 AV	54.0	-0.8	1.22 H	302	50.3	2.9
3	*5240.00	121.3 PK			1.22 H	302	80.3	41.0
4	*5240.00	113.0 AV			1.22 H	302	72.0	41.0
5	5350.00	57.7 PK	74.0	-16.3	1.22 H	302	55.1	2.6
6	5350.00	49.5 AV	54.0	-4.5	1.22 H	302	46.9	2.6
7	#10480.00	53.6 PK	68.2	-14.6	1.99 H	57	45.8	7.8

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	5150.00	59.5 PK	74.0	-14.5	1.90 V	324	56.6	2.9
2	5150.00	49.7 AV	54.0	-4.3	1.90 V	324	46.8	2.9
3	*5240.00	115.1 PK			1.90 V	324	74.1	41.0
4	*5240.00	107.3 AV			1.90 V	324	66.3	41.0
5	5350.00	58.9 PK	74.0	-15.1	1.90 V	324	56.3	2.6
6	5350.00	49.3 AV	54.0	-4.7	1.90 V	324	46.7	2.6
7	#10480.00	53.4 PK	68.2	-14.8	2.09 V	115	45.6	7.8

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 (HE20)	Channel	CH 149 : 5745 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	22°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	#5649.60	66.5 PK	68.2	-1.7	1.74 H	62	63.5	3.0
2	*5745.00	121.4 PK			1.74 H	62	79.7	41.7
3	*5745.00	113.7 AV			1.74 H	62	72.0	41.7
4	#5974.40	59.6 PK	68.2	-8.6	1.74 H	62	56.1	3.5
5	11490.00	55.6 PK	74.0	-18.4	1.96 H	61	46.2	9.4
6	11490.00	46.2 AV	54.0	-7.8	1.96 H	61	36.8	9.4

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	#5632.00	58.6 PK	68.2	-9.6	1.86 V	322	55.6	3.0
2	*5745.00	114.6 PK			1.86 V	322	72.9	41.7
3	*5745.00	107.0 AV			1.86 V	322	65.3	41.7
4	#5945.60	58.2 PK	68.2	-10.0	1.86 V	322	54.5	3.7
5	11490.00	55.3 PK	74.0	-18.7	2.13 V	57	45.9	9.4
6	11490.00	46.0 AV	54.0	-8.0	2.13 V	57	36.6	9.4

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.



RF Mode	802.11ax (HE20)	Channel	CH 157 : 5785 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	22°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	#5650.00	59.2 PK	68.2	-9.0	1.73 H	61	56.2	3.0
2	*5785.00	123.6 PK			1.73 H	61	81.8	41.8
3	*5785.00	114.5 AV			1.73 H	61	72.7	41.8
4	#5936.00	58.6 PK	68.2	-9.6	1.73 H	61	54.8	3.8
5	11570.00	55.6 PK	74.0	-18.4	1.99 H	71	46.3	9.3
6	11570.00	45.8 AV	54.0	-8.2	1.99 H	71	36.5	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	#5635.60	58.5 PK	68.2	-9.7	1.66 V	331	55.5	3.0
2	*5785.00	115.8 PK			1.66 V	331	74.0	41.8
3	*5785.00	107.4 AV			1.66 V	331	65.6	41.8
4	#5927.20	59.6 PK	68.2	-8.6	1.66 V	331	55.8	3.8
5	11570.00	55.5 PK	74.0	-18.5	2.22 V	46	46.2	9.3
6	11570.00	45.7 AV	54.0	-8.3	2.22 V	46	36.4	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 (HE20)	Channel	CH 165 : 5825 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	22°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	#5645.60	57.1 PK	68.2	-11.1	1.96 H	59	54.1	3.0
2	*5825.00	122.9 PK			1.96 H	59	81.0	41.9
3	*5825.00	114.4 AV			1.96 H	59	72.5	41.9
4	#5923.60	68.5 PK	69.2	-0.7	1.96 H	59	64.8	3.7
5	#5934.80	66.1 PK	68.2	-2.1	1.96 H	59	62.3	3.8
6	11650.00	55.8 PK	74.0	-18.2	2.03 H	70	46.6	9.2
7	11650.00	45.7 AV	54.0	-8.3	2.03 H	70	36.5	9.2

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	#5617.20	57.0 PK	68.2	-11.2	1.40 V	356	54.1	2.9
2	*5825.00	116.6 PK			1.40 V	356	74.7	41.9
3	*5825.00	108.7 AV			1.40 V	356	66.8	41.9
4	#5949.20	62.8 PK	68.2	-5.4	1.40 V	356	59.1	3.7
5	11650.00	55.6 PK	74.0	-18.4	2.33 V	59	46.4	9.2
6	11650.00	45.6 AV	54.0	-8.4	2.33 V	59	36.4	9.2

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 38 : 5190 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	22°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	5150.00	63.4 PK	74.0	-10.6	1.53 H	301	60.5	2.9
2	5150.00	53.2 AV	54.0	-0.8	1.53 H	301	50.3	2.9
3	*5190.00	114.0 PK			1.53 H	301	72.8	41.2
4	*5190.00	103.7 AV			1.53 H	301	62.5	41.2
5	#10380.00	53.6 PK	68.2	-14.6	1.87 H	45	45.6	8.0

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	5150.00	59.2 PK	74.0	-14.8	1.90 V	325	56.3	2.9
2	5150.00	49.7 AV	54.0	-4.3	1.90 V	325	46.8	2.9
3	*5190.00	108.0 PK			1.90 V	325	66.8	41.2
4	*5190.00	99.1 AV			1.90 V	325	57.9	41.2
5	#10380.00	53.5 PK	68.2	-14.7	2.13 V	100	45.5	8.0

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 46 : 5230 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	22°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	5150.00	64.2 PK	74.0	-9.8	1.31 H	303	61.3	2.9
2	5150.00	53.3 AV	54.0	-0.7	1.31 H	303	50.4	2.9
3	*5230.00	116.1 PK			1.31 H	303	75.1	41.0
4	*5230.00	106.3 AV			1.31 H	303	65.3	41.0
5	5350.00	56.3 PK	74.0	-17.7	1.31 H	303	53.7	2.6
6	5350.00	47.5 AV	54.0	-6.5	1.31 H	303	44.9	2.6
7	#10460.00	53.7 PK	68.2	-14.5	1.91 H	55	45.9	7.8

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	5150.00	57.9 PK	74.0	-16.1	1.89 V	324	55.0	2.9
2	5150.00	49.1 AV	54.0	-4.9	1.89 V	324	46.2	2.9
3	*5230.00	111.1 PK			1.89 V	324	70.1	41.0
4	*5230.00	101.5 AV			1.89 V	324	60.5	41.0
5	5350.00	58.5 PK	74.0	-15.5	1.89 V	324	55.9	2.6
6	5350.00	49.2 AV	54.0	-4.8	1.89 V	324	46.6	2.6
7	#10460.00	53.6 PK	68.2	-14.6	2.21 V	117	45.8	7.8

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 (HE40)	Channel	CH 151 : 5755 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	22°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	#5642.00	66.5 PK	68.2	-1.7	1.82 H	59	63.5	3.0
2	*5755.00	118.5 PK			1.82 H	59	76.8	41.7
3	*5755.00	110.0 AV			1.82 H	59	68.3	41.7
4	#5928.00	59.1 PK	68.2	-9.1	1.82 H	59	55.3	3.8
5	11510.00	55.6 PK	74.0	-18.4	2.06 H	66	46.2	9.4
6	11510.00	45.9 AV	54.0	-8.1	2.06 H	66	36.5	9.4

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	#5646.80	60.9 PK	68.2	-7.3	1.22 V	334	57.9	3.0
2	*5755.00	111.9 PK			1.22 V	334	70.2	41.7
3	*5755.00	104.1 AV			1.22 V	334	62.4	41.7
4	#5929.60	58.8 PK	68.2	-9.4	1.22 V	334	55.0	3.8
5	11510.00	55.4 PK	74.0	-18.6	2.16 V	47	46.0	9.4
6	11510.00	45.8 AV	54.0	-8.2	2.16 V	47	36.4	9.4

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.



RF Mode	802.11ax (HE40)	Channel	CH 159 : 5795 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	22°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	#5644.40	66.1 PK	68.2	-2.1	1.82 H	63	63.1	3.0
2	*5795.00	119.3 PK			1.82 H	63	77.5	41.8
3	*5795.00	111.3 AV			1.82 H	63	69.5	41.8
4	#5928.00	67.4 PK	68.2	-0.8	1.82 H	63	63.6	3.8
5	11590.00	56.1 PK	74.0	-17.9	2.08 H	62	46.8	9.3
6	11590.00	45.4 AV	54.0	-8.6	2.08 H	62	36.1	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	#5644.00	62.0 PK	68.2	-6.2	1.00 V	352	59.0	3.0
2	*5795.00	114.2 PK			1.00 V	352	72.4	41.8
3	*5795.00	106.5 AV			1.00 V	352	64.7	41.8
4	#5935.60	65.2 PK	68.2	-3.0	1.00 V	352	61.4	3.8
5	11590.00	55.8 PK	74.0	-18.2	2.25 V	53	46.5	9.3
6	11590.00	45.2 AV	54.0	-8.8	2.25 V	53	35.9	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 (HE80)	Channel	CH 42 : 5210 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	22°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	5150.00	61.3 PK	74.0	-12.7	1.17 H	304	58.4	2.9
2	5150.00	52.5 AV	54.0	-1.5	1.17 H	304	49.6	2.9
3	*5210.00	108.6 PK			1.17 H	304	67.5	41.1
4	*5210.00	99.8 AV			1.17 H	304	58.7	41.1
5	5350.00	56.5 PK	74.0	-17.5	1.17 H	304	53.9	2.6
6	5350.00	47.3 AV	54.0	-6.7	1.17 H	304	44.7	2.6
7	#10420.00	53.7 PK	68.2	-14.5	1.90 H	61	45.8	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	5150.00	60.1 PK	74.0	-13.9	1.91 V	326	57.2	2.9
2	5150.00	49.5 AV	54.0	-4.5	1.91 V	326	46.6	2.9
3	*5210.00	103.7 PK			1.91 V	326	62.6	41.1
4	*5210.00	95.6 AV			1.91 V	326	54.5	41.1
5	5350.00	58.1 PK	74.0	-15.9	1.91 V	326	55.5	2.6
6	5350.00	49.0 AV	54.0	-5.0	1.91 V	326	46.4	2.6
7	#10420.00	53.5 PK	68.2	-14.7	2.03 V	109	45.6	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	802.11ax (HE80)	Channel	CH 155 : 5775 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	22°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	#5650.00	67.1 PK	68.2	-1.1	1.85 H	62	64.1	3.0
2	*5775.00	111.8 PK			1.85 H	62	70.0	41.8
3	*5775.00	104.5 AV			1.85 H	62	62.7	41.8
4	#5933.20	63.5 PK	68.2	-4.7	1.85 H	62	59.7	3.8
5	11550.00	55.8 PK	74.0	-18.2	2.00 H	71	46.5	9.3
6	11550.00	45.6 AV	54.0	-8.4	2.00 H	71	36.3	9.3

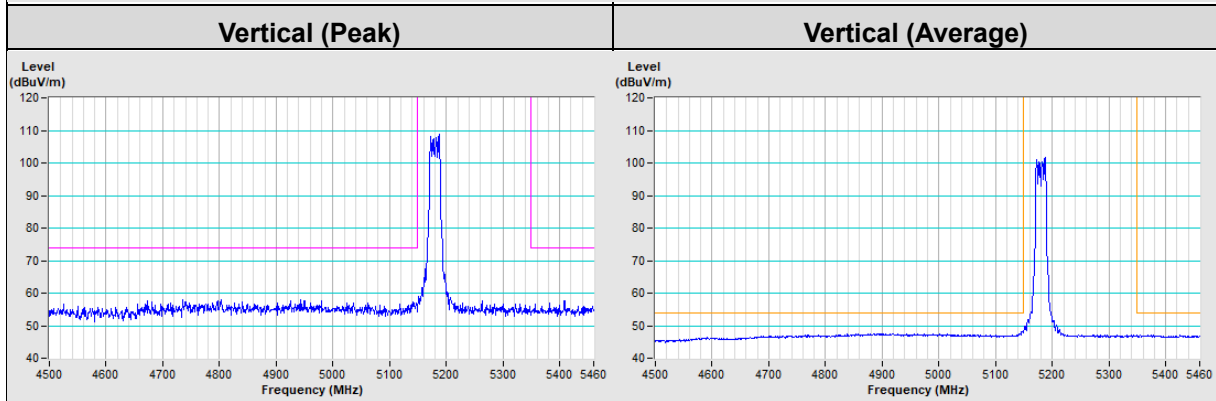
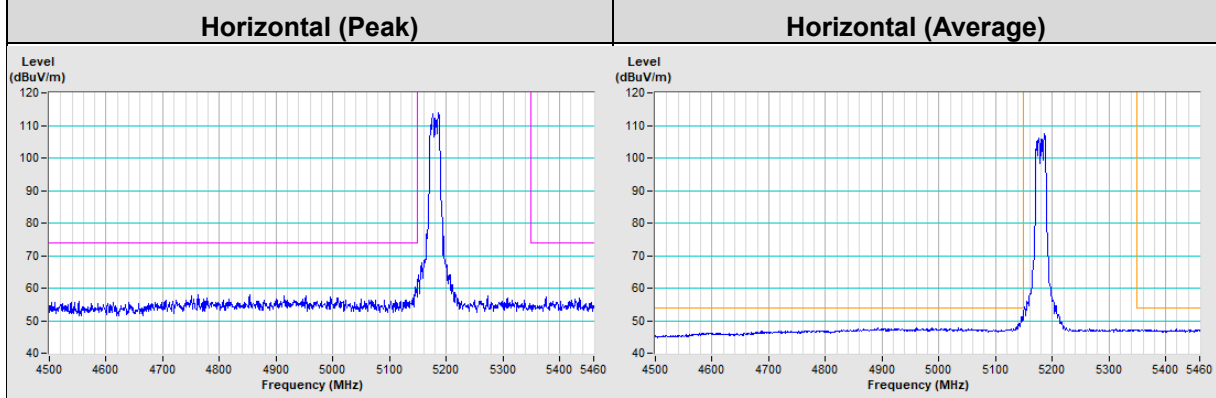
Antenna Polarity & Test Distance : Vertical at 3 m

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	#5639.60	61.7 PK	68.2	-6.5	1.04 V	355	58.7	3.0
2	*5775.00	106.9 PK			1.04 V	355	65.1	41.8
3	*5775.00	98.7 AV			1.04 V	355	56.9	41.8
4	#5932.40	59.9 PK	68.2	-8.3	1.04 V	355	56.1	3.8
5	11550.00	55.7 PK	74.0	-18.3	2.33 V	66	46.4	9.3
6	11550.00	45.5 AV	54.0	-8.5	2.33 V	66	36.2	9.3

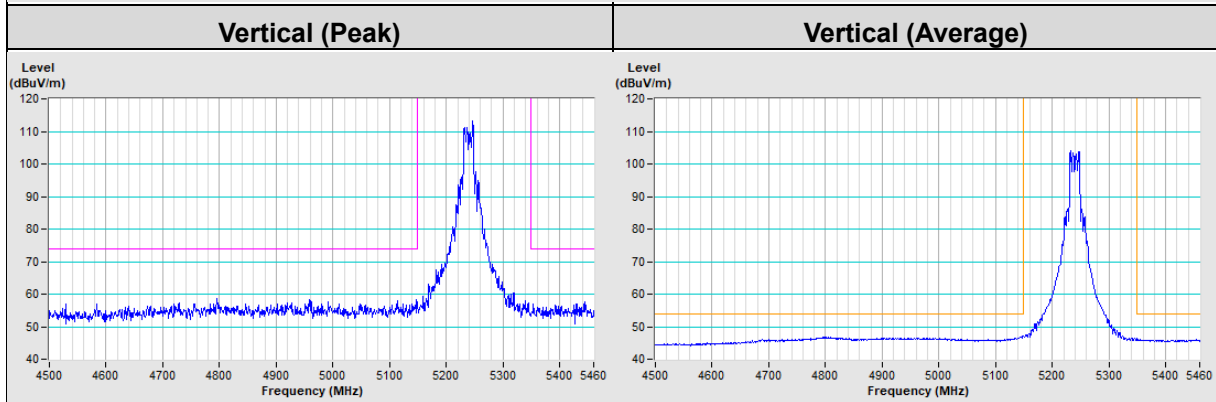
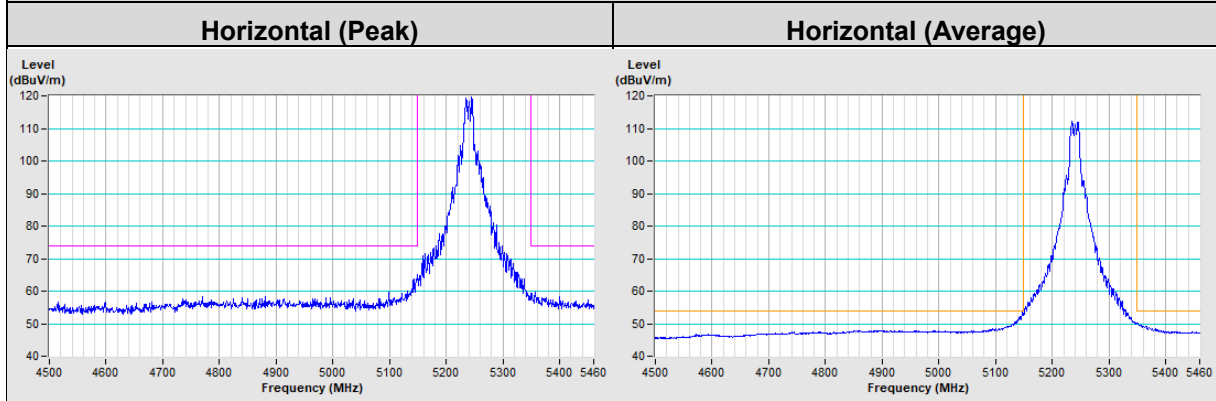
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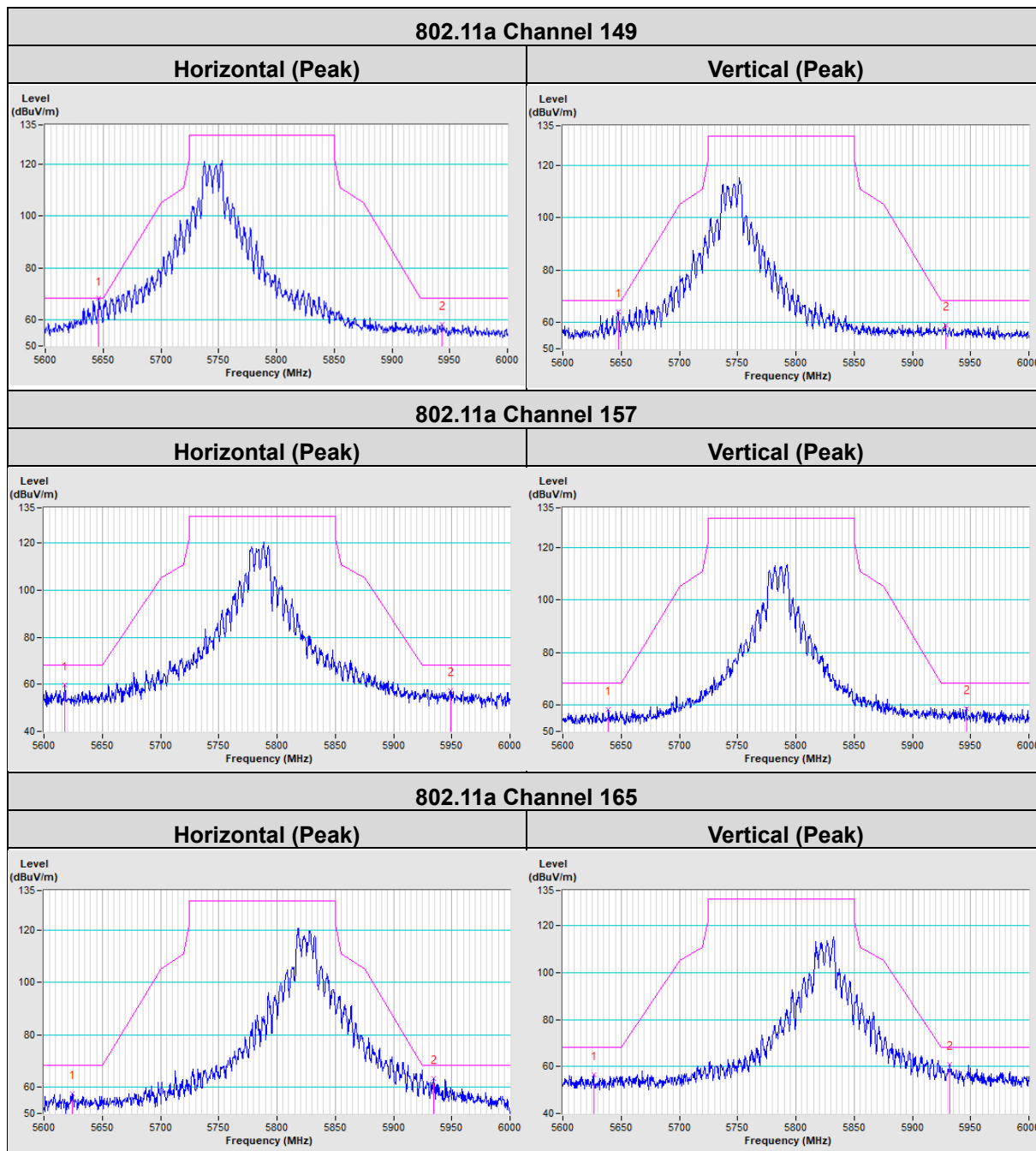
1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency,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

802.11a Channel 36



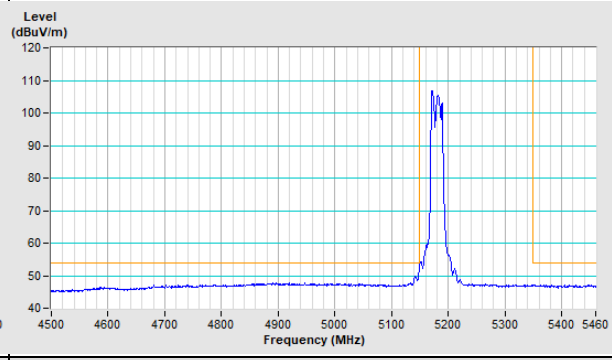
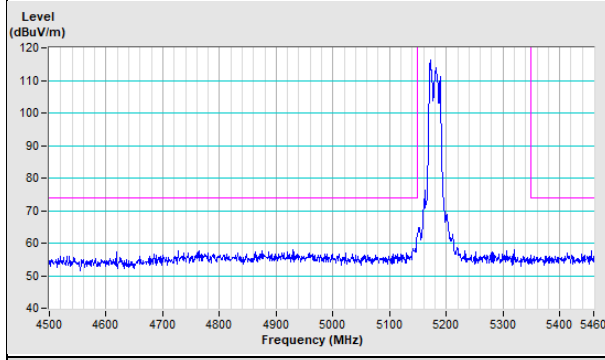
802.11a Channel 48





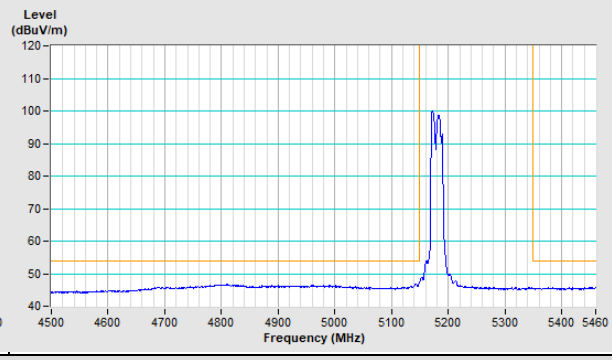
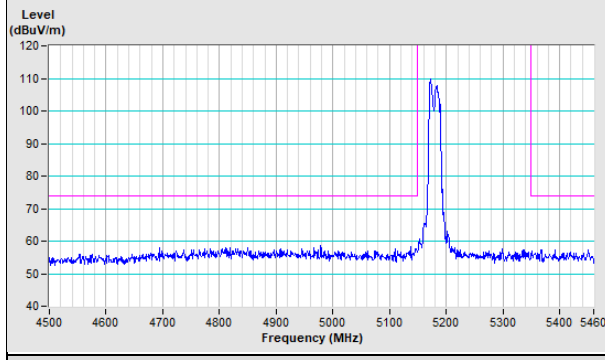
802.11ax (HE20) Channel 36

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



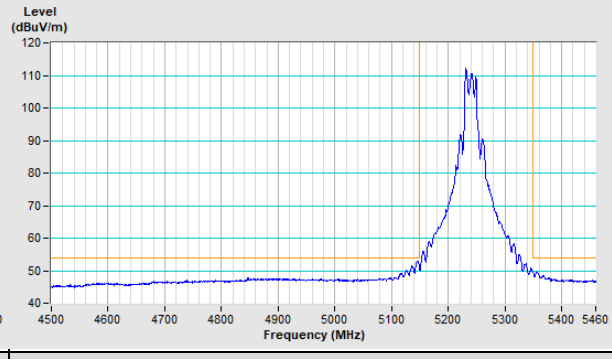
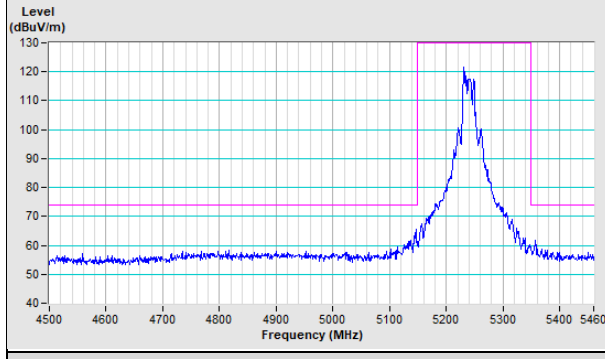
Vertical (Peak)

Vertical (Average)



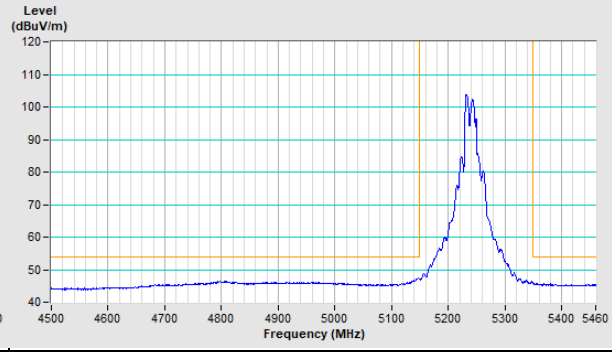
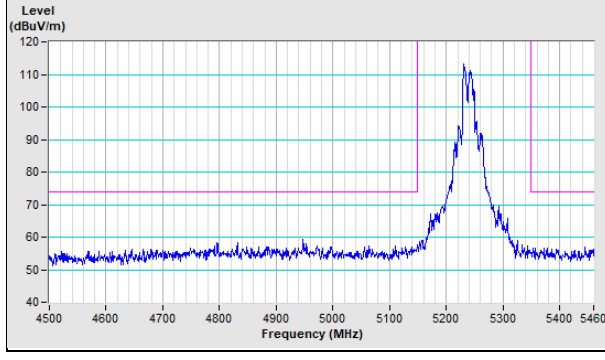
802.11ax (HE20) Channel 48

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

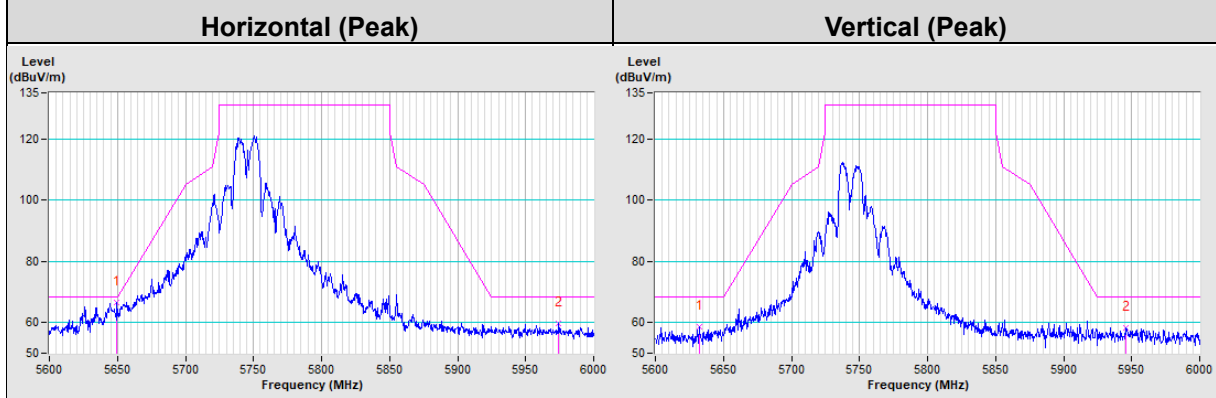


Vertical (Peak)

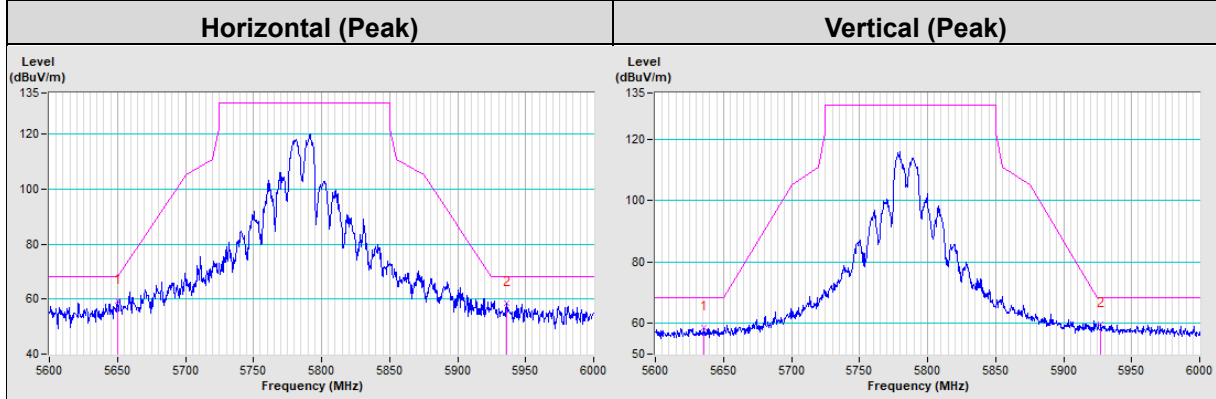
Vertical (Average)



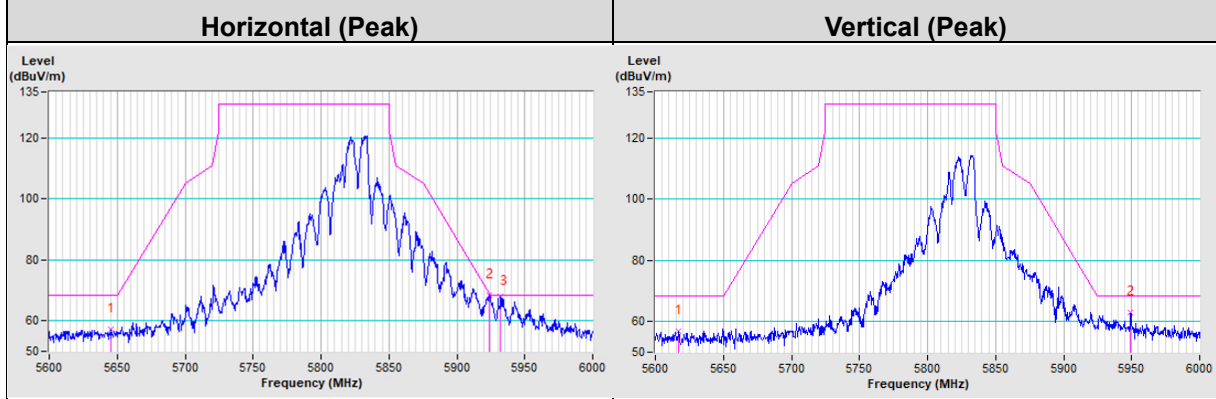
802.11ax (HE20) Channel 149



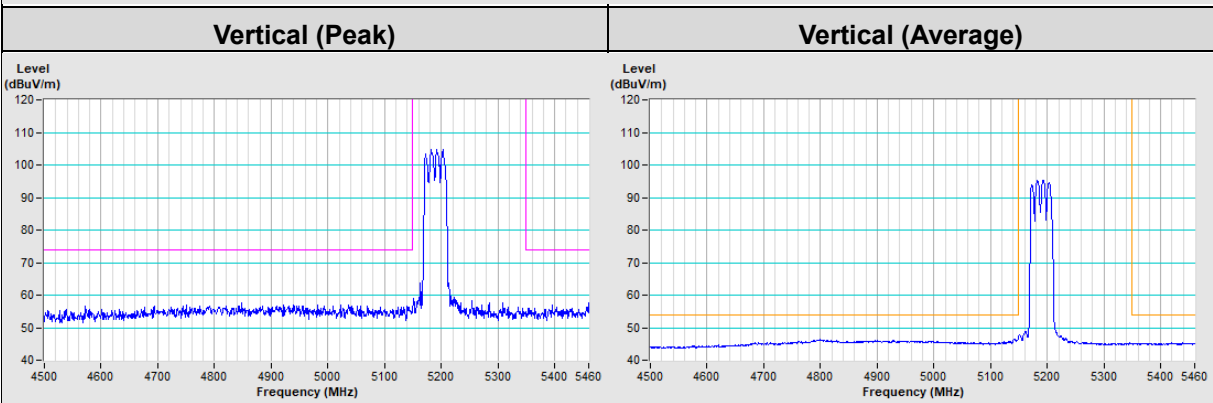
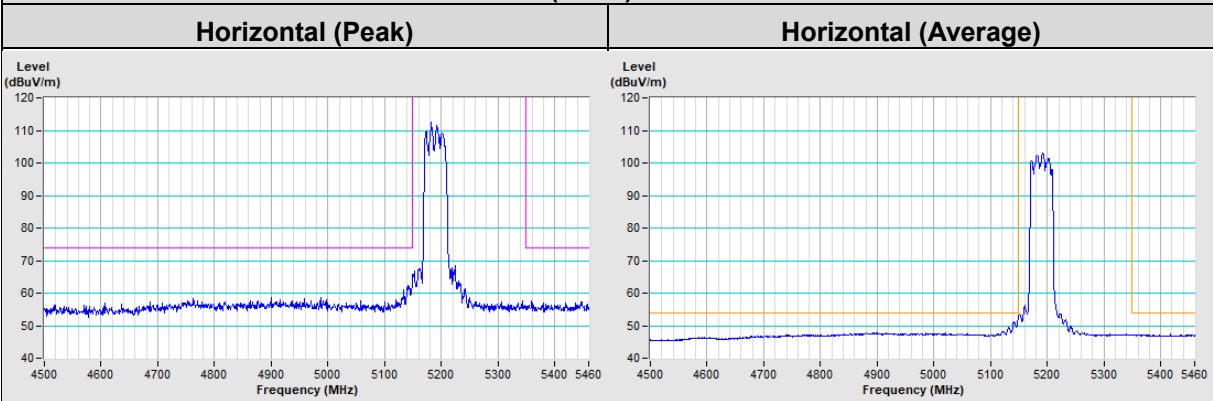
802.11ax (HE20) Channel 157



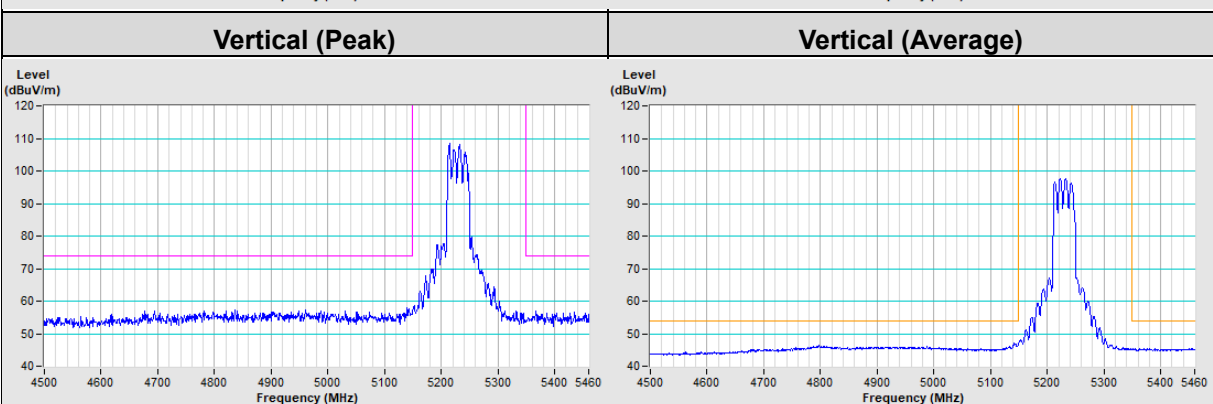
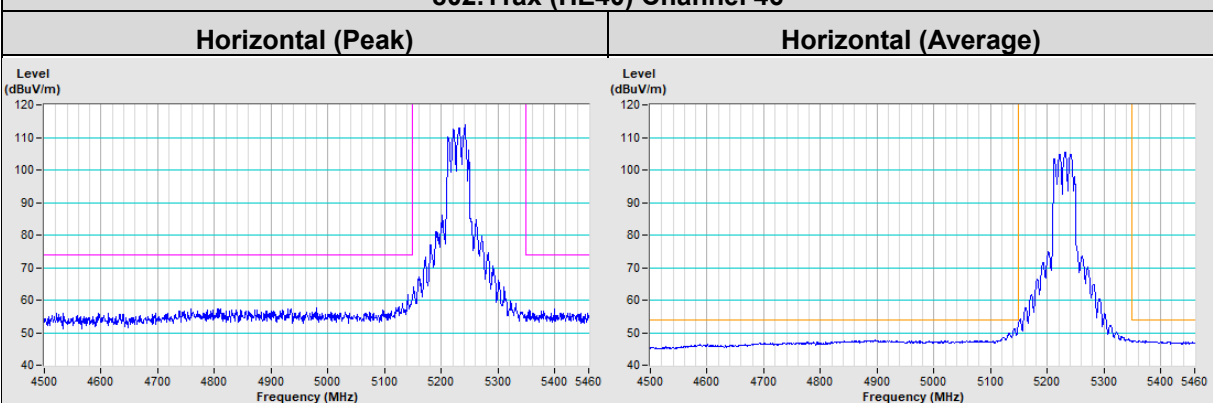
802.11ax (HE20) Channel 165



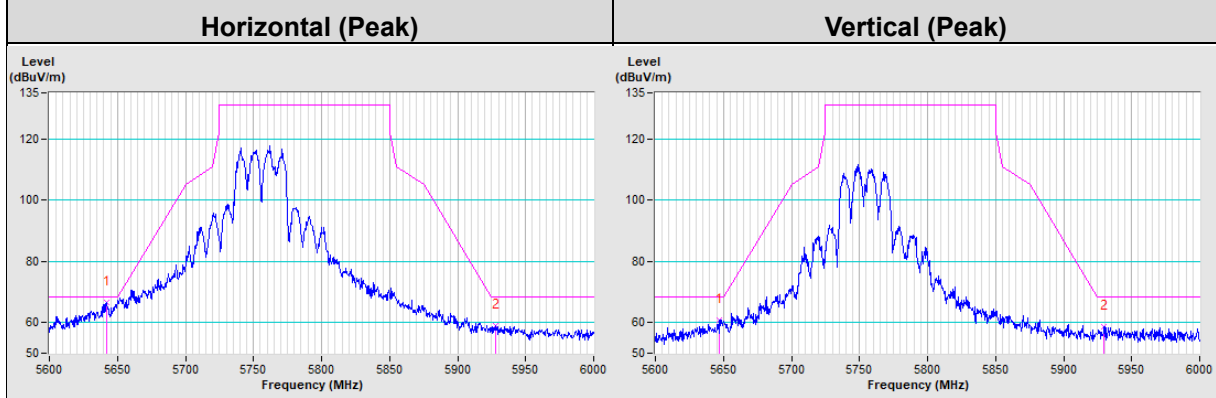
802.11ax (HE40) Channel 38



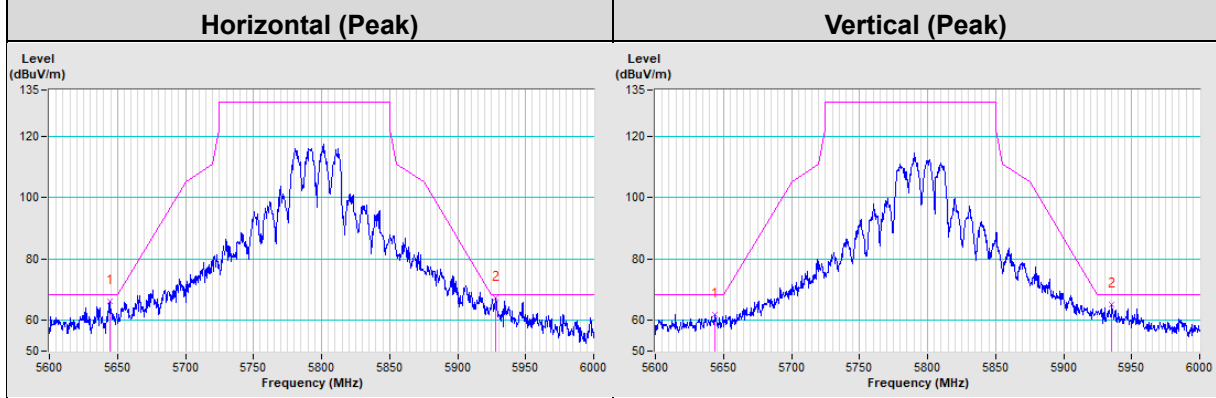
802.11ax (HE40) Channel 46

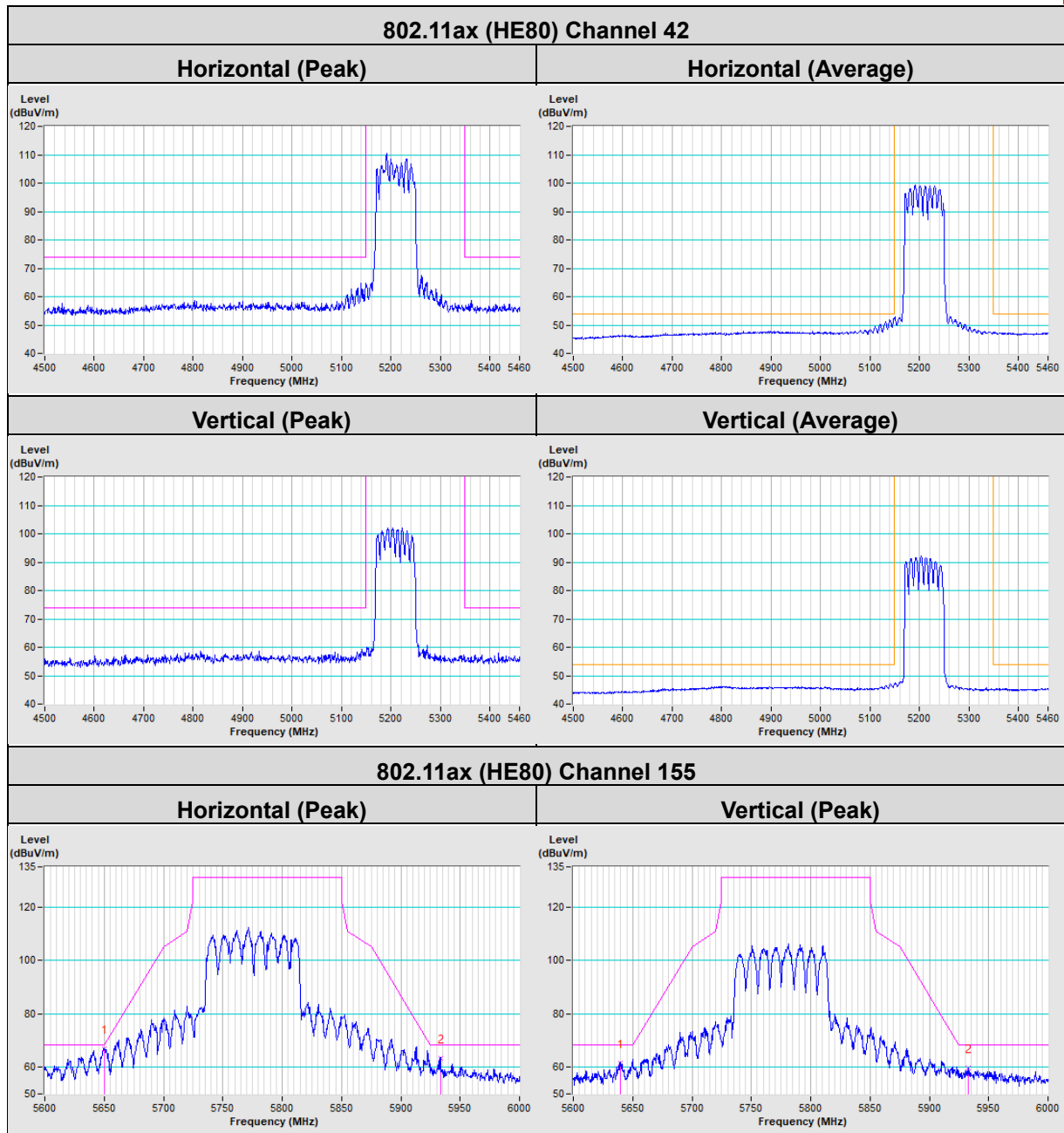


802.11ax (HE40) Channel 151



802.11ax (HE40) Channel 159





Test Mode G: FAP-433G_Radio 2

RF Mode	802.11a	Channel	CH 36 : 5180 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	TitanHSU		

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	62.8 PK	74.0	-11.2	1.00 H	92	59.4	3.4
2	5150.00	48.9 AV	54.0	-5.1	1.00 H	92	45.5	3.4
3	*5180.00	118.0 PK			1.00 H	93	76.8	41.2
4	*5180.00	107.8 AV			1.00 H	93	66.6	41.2
5	#10380.00	55.5 PK	68.2	-12.7	1.05 H	247	47.2	8.3

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	5150.00	68.0 PK	74.0	-6.0	2.08 V	216	64.6	3.4
2	5150.00	53.4 AV	54.0	-0.6	2.08 V	216	50.0	3.4
3	*5180.00	125.3 PK			2.08 V	216	84.1	41.2
4	*5180.00	116.0 AV			2.08 V	216	74.8	41.2
5	#10360.00	56.0 PK	68.2	-12.2	1.52 V	134	47.7	8.3

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	802.11a	Channel	CH 40 : 5200 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	TitanHSU		

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	63.6 PK	74.0	-10.4	1.00 H	93	60.2	3.4
2	5150.00	48.8 AV	54.0	-5.2	1.00 H	93	45.4	3.4
3	*5200.00	118.7 PK			1.00 H	93	77.6	41.1
4	*5200.00	108.3 AV			1.00 H	93	67.2	41.1
5	#10400.00	55.3 PK	68.2	-12.9	1.63 H	235	47.1	8.2

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	70.1 PK	74.0	-3.9	2.03 V	293	66.7	3.4
2	5150.00	53.3 AV	54.0	-0.7	2.03 V	293	49.9	3.4
3	*5200.00	126.9 PK			2.03 V	293	85.8	41.1
4	*5200.00	116.9 AV			2.03 V	293	75.8	41.1
5	5350.00	62.1 PK	74.0	-11.9	2.03 V	293	59.1	3.0
6	5350.00	49.3 AV	54.0	-4.7	2.03 V	293	46.3	3.0
7	#10400.00	55.7 PK	68.2	-12.5	1.24 V	360	47.5	8.2

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 48 : 5240 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	TitanHSU		

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	60.0 PK	74.0	-14.0	1.00 H	94	56.6	3.4
2	5150.00	47.3 AV	54.0	-6.7	1.00 H	94	43.9	3.4
3	*5240.00	118.1 PK			1.00 H	94	77.1	41.0
4	*5240.00	108.8 AV			1.00 H	94	67.8	41.0
5	5350.00	58.8 PK	74.0	-15.2	1.00 H	94	55.8	3.0
6	5350.00	45.7 AV	54.0	-8.3	1.00 H	94	42.7	3.0
7	#10480.00	55.6 PK	68.2	-12.6	1.03 H	68	47.3	8.3

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	5150.00	62.5 PK	74.0	-11.5	2.05 V	321	59.1	3.4
2	5150.00	49.5 AV	54.0	-4.5	2.05 V	321	46.1	3.4
3	*5240.00	129.2 PK			2.05 V	321	88.2	41.0
4	*5240.00	118.8 AV			2.05 V	321	77.8	41.0
5	5350.00	62.1 PK	74.0	-11.9	2.05 V	321	59.1	3.0
6	5350.00	48.9 AV	54.0	-5.1	2.05 V	321	45.9	3.0
7	#10480.00	55.9 PK	68.2	-12.3	1.26 V	234	47.6	8.3

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	802.11a	Channel	CH 149 : 5745 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	TitanHSU		

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	#5643.20	58.3 PK	68.2	-9.9	2.18 H	108	54.9	3.4
2	*5745.00	112.5 PK			2.18 H	108	70.8	41.7
3	*5745.00	102.8 AV			2.18 H	108	61.1	41.7
4	#5986.80	58.2 PK	68.2	-10.0	2.18 H	108	54.2	4.0
5	11490.00	57.8 PK	74.0	-16.2	1.65 H	158	48.2	9.6
6	11490.00	44.4 AV	54.0	-9.6	1.65 H	158	34.8	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	#5628.80	59.9 PK	68.2	-8.3	2.05 V	328	56.6	3.3
2	*5745.00	127.3 PK			2.05 V	328	85.6	41.7
3	*5745.00	117.4 AV			2.05 V	328	75.7	41.7
4	#5952.40	59.4 PK	68.2	-8.8	2.05 V	328	55.6	3.8
5	11490.00	58.2 PK	74.0	-15.8	1.69 V	322	48.6	9.6
6	11490.00	44.8 AV	54.0	-9.2	1.69 V	322	35.2	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.



RF Mode	802.11a	Channel	CH 157 : 5785 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	TitanHSU		

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	#5637.20	58.1 PK	68.2	-10.1	2.03 H	109	54.7	3.4
2	*5785.00	111.0 PK			2.03 H	109	69.2	41.8
3	*5785.00	101.3 AV			2.03 H	109	59.5	41.8
4	#5982.80	59.0 PK	68.2	-9.2	2.03 H	109	55.0	4.0
5	11570.00	57.9 PK	74.0	-16.1	1.62 H	152	48.3	9.6
6	11570.00	44.3 AV	54.0	-9.7	1.62 H	152	34.7	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	#5635.20	60.4 PK	68.2	-7.8	2.02 V	58	57.0	3.4
2	*5785.00	127.1 PK			2.02 V	58	85.3	41.8
3	*5785.00	117.4 AV			2.02 V	58	75.6	41.8
4	#5996.00	59.2 PK	68.2	-9.0	2.02 V	58	55.0	4.2
5	11570.00	58.1 PK	74.0	-15.9	1.65 V	328	48.5	9.6
6	11570.00	44.6 AV	54.0	-9.4	1.65 V	328	35.0	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	802.11a	Channel	CH 165 : 5825 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	TitanHSU		

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	#5640.00	58.2 PK	68.2	-10.0	2.02 H	110	54.8	3.4
2	*5825.00	108.5 PK			2.02 H	110	66.7	41.8
3	*5825.00	98.3 AV			2.02 H	110	56.5	41.8
4	#5983.20	58.8 PK	68.2	-9.4	2.02 H	110	54.8	4.0
5	11650.00	57.7 PK	74.0	-16.3	1.58 H	162	48.2	9.5
6	11650.00	44.5 AV	54.0	-9.5	1.58 H	162	35.0	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	#5617.20	61.2 PK	68.2	-7.0	1.98 V	59	57.9	3.3
2	*5825.00	126.3 PK			1.98 V	59	84.5	41.8
3	*5825.00	116.6 AV			1.98 V	59	74.8	41.8
4	#5997.60	58.8 PK	68.2	-9.4	1.98 V	59	54.6	4.2
5	11650.00	58.1 PK	74.0	-15.9	1.69 V	335	48.6	9.5
6	11650.00	44.8 AV	54.0	-9.2	1.69 V	335	35.3	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 (HE20)	Channel	CH 36 : 5180 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	TitanHSU		

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	60.6 PK	74.0	-13.4	1.00 H	92	57.2	3.4
2	5150.00	47.3 AV	54.0	-6.7	1.00 H	92	43.9	3.4
3	*5180.00	119.5 PK			1.00 H	92	78.3	41.2
4	*5180.00	106.9 AV			1.00 H	92	65.7	41.2
5	#10360.00	55.5 PK	68.2	-12.7	1.66 H	35	47.2	8.3

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	5150.00	68.6 PK	74.0	-5.4	2.05 V	61	65.2	3.4
2	5150.00	53.2 AV	54.0	-0.8	2.05 V	61	49.8	3.4
3	*5180.00	129.1 PK			2.05 V	61	87.9	41.2
4	*5180.00	115.3 AV			2.05 V	61	74.1	41.2
5	#10360.00	55.8 PK	68.2	-12.4	1.65 V	324	47.5	8.3

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 (HE20)	Channel	CH 40 : 5200 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	TitanHSU		

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	61.6 PK	74.0	-12.4	1.00 H	104	58.2	3.4
2	5150.00	47.7 AV	54.0	-6.3	1.00 H	104	44.3	3.4
3	*5200.00	120.0 PK			1.00 H	104	78.9	41.1
4	*5200.00	107.2 AV			1.00 H	104	66.1	41.1
5	#10400.00	55.3 PK	68.2	-12.9	1.53 H	29	47.1	8.2

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	70.2 PK	74.0	-3.8	1.99 V	291	66.8	3.4
2	5150.00	53.2 AV	54.0	-0.8	1.99 V	291	49.8	3.4
3	*5200.00	130.3 PK			1.99 V	291	89.2	41.1
4	*5200.00	117.3 AV			1.99 V	291	76.2	41.1
5	#10400.00	55.7 PK	68.2	-12.5	1.35 V	216	47.5	8.2

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 48 : 5240 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	TitanHSU		

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	59.6 PK	74.0	-14.4	2.11 H	71	56.2	3.4
2	5150.00	46.2 AV	54.0	-7.8	2.11 H	71	42.8	3.4
3	*5240.00	118.1 PK			2.11 H	71	77.1	41.0
4	*5240.00	105.7 AV			2.11 H	71	64.7	41.0
5	5350.00	58.9 PK	74.0	-15.1	2.11 H	71	55.9	3.0
6	5350.00	45.5 AV	54.0	-8.5	2.11 H	71	42.5	3.0
7	#10480.00	55.4 PK	68.2	-12.8	1.62 H	131	47.1	8.3

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	5150.00	62.0 PK	74.0	-12.0	1.88 V	152	58.6	3.4
2	5150.00	48.8 AV	54.0	-5.2	1.88 V	152	45.4	3.4
3	*5240.00	130.9 PK			1.88 V	152	89.9	41.0
4	*5240.00	118.3 AV			1.88 V	152	77.3	41.0
5	5350.00	61.3 PK	74.0	-12.7	1.88 V	152	58.3	3.0
6	5350.00	49.2 AV	54.0	-4.8	1.88 V	152	46.2	3.0
7	#10480.00	55.9 PK	68.2	-12.3	1.42 V	136	47.6	8.3

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 (HE20)	Channel	CH 149 : 5745 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	TitanHSU		

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	#5638.00	58.5 PK	68.2	-9.7	2.05 H	109	55.1	3.4
2	*5745.00	114.0 PK			2.05 H	109	72.3	41.7
3	*5745.00	101.1 AV			2.05 H	109	59.4	41.7
4	#5981.20	58.6 PK	68.2	-9.6	2.05 H	109	54.6	4.0
5	11490.00	57.8 PK	74.0	-16.2	1.59 H	167	48.2	9.6
6	11490.00	44.5 AV	54.0	-9.5	1.59 H	167	34.9	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	#5647.60	60.7 PK	68.2	-7.5	2.01 V	109	57.3	3.4
2	*5745.00	129.6 PK			2.01 V	109	87.9	41.7
3	*5745.00	117.6 AV			2.01 V	109	75.9	41.7
4	#5991.60	59.4 PK	68.2	-8.8	2.01 V	109	55.3	4.1
5	11490.00	58.2 PK	74.0	-15.8	1.62 V	321	48.6	9.6
6	11490.00	44.7 AV	54.0	-9.3	1.62 V	321	35.1	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.



RF Mode	802.11ax (HE20)	Channel	CH 157 : 5785 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	TitanHSU		

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	#5624.40	58.5 PK	68.2	-9.7	2.08 H	110	55.2	3.3
2	*5785.00	113.2 PK			2.08 H	110	71.4	41.8
3	*5785.00	100.7 AV			2.08 H	110	58.9	41.8
4	#5961.60	58.5 PK	68.2	-9.7	2.08 H	110	54.6	3.9
5	11570.00	57.7 PK	74.0	-16.3	1.54 H	162	48.1	9.6
6	11570.00	44.6 AV	54.0	-9.4	1.54 H	162	35.0	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	#5642.00	60.6 PK	68.2	-7.6	2.33 V	70	57.2	3.4
2	*5785.00	129.0 PK			2.33 V	70	87.2	41.8
3	*5785.00	117.0 AV			2.33 V	70	75.2	41.8
4	#5980.00	59.1 PK	68.2	-9.1	2.33 V	70	55.1	4.0
5	11570.00	58.3 PK	74.0	-15.7	1.68 V	328	48.7	9.6
6	11570.00	44.8 AV	54.0	-9.2	1.68 V	328	35.2	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 165 : 5825 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	TitanHSU		

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	#5643.60	58.2 PK	68.2	-10.0	2.21 H	109	54.8	3.4
2	*5825.00	111.9 PK			2.21 H	109	70.1	41.8
3	*5825.00	99.7 AV			2.21 H	109	57.9	41.8
4	#5949.60	58.3 PK	68.2	-9.9	2.21 H	109	54.5	3.8
5	11650.00	57.7 PK	74.0	-16.3	1.58 H	167	48.2	9.5
6	11650.00	44.3 AV	54.0	-9.7	1.58 H	167	34.8	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	#5624.80	60.7 PK	68.2	-7.5	2.03 V	55	57.4	3.3
2	*5825.00	127.9 PK			2.03 V	55	86.1	41.8
3	*5825.00	116.4 AV			2.03 V	55	74.6	41.8
4	#5977.20	59.8 PK	68.2	-8.4	2.03 V	55	55.8	4.0
5	11650.00	58.0 PK	74.0	-16.0	1.62 V	339	48.5	9.5
6	11650.00	44.6 AV	54.0	-9.4	1.62 V	339	35.1	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 38 : 5190 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	TitanHSU		

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	60.6 PK	74.0	-13.4	1.95 H	90	58.1	2.5
2	5150.00	47.7 AV	54.0	-6.3	1.95 H	90	45.2	2.5
3	*5190.00	112.3 PK			1.95 H	90	72.0	40.3
4	*5190.00	99.3 AV			1.95 H	90	59.0	40.3
5	#10380.00	55.3 PK	68.2	-12.9	1.62 H	145	46.8	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	67.0 PK	74.0	-7.0	2.12 V	59	64.5	2.5
2	5150.00	53.8 AV	54.0	-0.2	2.12 V	59	51.3	2.5
3	*5190.00	122.6 PK			2.12 V	59	82.3	40.3
4	*5190.00	109.7 AV			2.12 V	59	69.4	40.3
5	#10380.00	55.7 PK	68.2	-12.5	1.67 V	325	47.2	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 (HE40)	Channel	CH 46 : 5230 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	TitanHSU		

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	60.5 PK	74.0	-13.5	2.28 H	90	58.0	2.5
2	5150.00	47.1 AV	54.0	-6.9	2.28 H	90	44.6	2.5
3	*5230.00	114.4 PK			2.28 H	90	74.3	40.1
4	*5230.00	101.4 AV			2.28 H	90	61.3	40.1
5	5350.00	58.0 PK	74.0	-16.0	2.28 H	90	55.9	2.1
6	5350.00	45.3 AV	54.0	-8.7	2.28 H	90	43.2	2.1
7	#10460.00	55.2 PK	68.2	-13.0	1.65 H	145	46.7	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	67.8 PK	74.0	-6.2	2.05 V	289	65.3	2.5
2	5150.00	53.4 AV	54.0	-0.6	2.05 V	289	50.9	2.5
3	*5230.00	124.8 PK			2.05 V	289	84.7	40.1
4	*5230.00	112.8 AV			2.05 V	289	72.7	40.1
5	5350.00	60.7 PK	74.0	-13.3	2.05 V	289	58.6	2.1
6	5350.00	47.3 AV	54.0	-6.7	2.05 V	289	45.2	2.1
7	#10460.00	56.0 PK	68.2	-12.2	1.69 V	322	47.5	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 (HE40)	Channel	CH 151 : 5755 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	TitanHSU		

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	#5640.80	58.5 PK	68.2	-9.7	2.20 H	96	55.1	3.4
2	*5755.00	110.7 PK			2.20 H	96	68.9	41.8
3	*5755.00	97.6 AV			2.20 H	96	55.8	41.8
4	#5948.00	58.5 PK	68.2	-9.7	2.20 H	96	54.7	3.8
5	11510.00	57.6 PK	74.0	-16.4	1.62 H	169	48.0	9.6
6	11510.00	43.9 AV	54.0	-10.1	1.62 H	169	34.3	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	#5633.60	63.7 PK	68.2	-4.5	2.04 V	109	60.4	3.3
2	#5653.60	69.6 PK	70.9	-1.3	2.04 V	109	66.2	3.4
3	*5755.00	127.0 PK			2.04 V	109	85.2	41.8
4	*5755.00	114.9 AV			2.04 V	109	73.1	41.8
5	#5970.80	59.6 PK	68.2	-8.6	2.04 V	109	55.6	4.0
6	11510.00	57.8 PK	74.0	-16.2	1.65 V	328	48.2	9.6
7	11510.00	44.1 AV	54.0	-9.9	1.65 V	328	34.5	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.



RF Mode	802.11ax (HE40)	Channel	CH 159 : 5795 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	TitanHSU		

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	#5646.40	58.7 PK	68.2	-9.5	2.06 H	110	55.3	3.4
2	*5795.00	110.7 PK			2.06 H	110	68.9	41.8
3	*5795.00	97.9 AV			2.06 H	110	56.1	41.8
4	#5996.40	59.1 PK	68.2	-9.1	2.06 H	110	54.9	4.2
5	11590.00	57.6 PK	74.0	-16.4	1.55 H	168	48.1	9.5
6	11590.00	44.0 AV	54.0	-10.0	1.55 H	168	34.5	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	#5634.00	65.5 PK	68.2	-2.7	2.02 V	110	62.2	3.3
2	#5652.00	69.4 PK	69.7	-0.3	2.02 V	110	66.0	3.4
3	*5795.00	127.6 PK			2.02 V	110	85.8	41.8
4	*5795.00	115.1 AV			2.02 V	110	73.3	41.8
5	#5971.20	59.5 PK	68.2	-8.7	2.02 V	110	55.5	4.0
6	11590.00	58.0 PK	74.0	-16.0	1.68 V	335	48.5	9.5
7	11590.00	44.3 AV	54.0	-9.7	1.68 V	335	34.8	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)	Channel	CH 42 : 5210 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	TitanHSU		

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	59.9 PK	74.0	-14.1	2.07 H	90	57.4	2.5
2	5150.00	47.5 AV	54.0	-6.5	2.07 H	90	45.0	2.5
3	*5210.00	107.2 PK			2.07 H	90	67.0	40.2
4	*5210.00	95.1 AV			2.07 H	90	54.9	40.2
5	5350.00	58.5 PK	74.0	-15.5	2.07 H	90	56.4	2.1
6	5350.00	45.0 AV	54.0	-9.0	2.07 H	90	42.9	2.1
7	#10420.00	55.2 PK	68.2	-13.0	1.68 H	139	46.8	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	5150.00	65.0 PK	74.0	-9.0	2.03 V	59	62.5	2.5
2	5150.00	53.2 AV	54.0	-0.8	2.03 V	59	50.7	2.5
3	*5210.00	118.7 PK			2.03 V	59	78.5	40.2
4	*5210.00	106.0 AV			2.03 V	59	65.8	40.2
5	5350.00	60.1 PK	74.0	-13.9	2.03 V	59	58.0	2.1
6	5350.00	47.2 AV	54.0	-6.8	2.03 V	59	45.1	2.1
7	#10420.00	55.6 PK	68.2	-12.6	1.69 V	328	47.2	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 (HE80)	Channel	CH 155 : 5775 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	TitanHSU		

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	#5625.20	58.4 PK	68.2	-9.8	2.22 H	110	55.1	3.3
2	*5775.00	103.5 PK			2.22 H	110	61.8	41.7
3	*5775.00	91.5 AV			2.22 H	110	49.8	41.7
4	#5996.80	59.0 PK	68.2	-9.2	2.22 H	110	54.8	4.2
5	11550.00	57.8 PK	74.0	-16.2	1.62 H	152	48.2	9.6
6	11550.00	43.8 AV	54.0	-10.2	1.62 H	152	34.2	9.6

Antenna Polarity & Test Distance : Vertical at 3 m

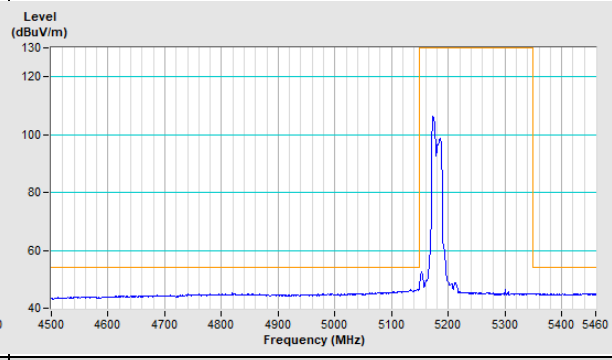
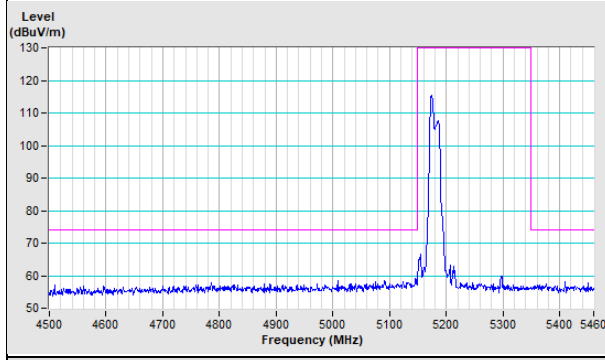
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5633.60	65.0 PK	68.2	-3.2	2.11 V	110	61.7	3.3
2	#5652.00	69.2 PK	69.7	-0.5	2.11 V	110	65.8	3.4
3	*5775.00	121.6 PK			2.11 V	110	79.9	41.7
4	*5775.00	108.8 AV			2.11 V	110	67.1	41.7
5	#5962.80	59.7 PK	68.2	-8.5	2.11 V	110	55.8	3.9
6	11550.00	58.0 PK	74.0	-16.0	1.68 V	322	48.4	9.6
7	11550.00	44.0 AV	54.0	-10.0	1.68 V	322	34.4	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.

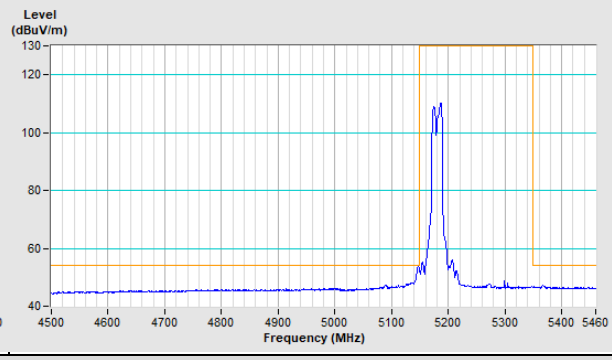
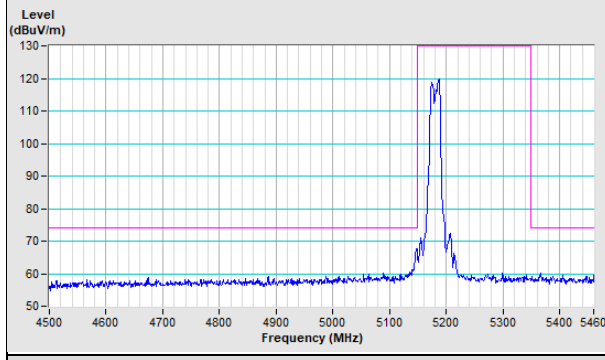
802.11a Channel 36

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



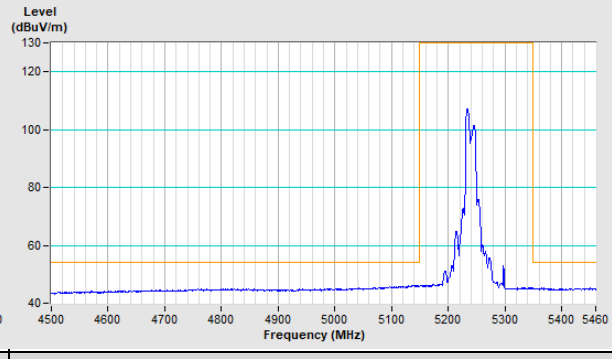
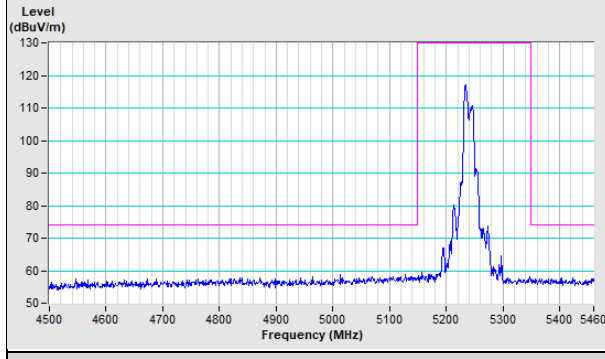
Vertical (Peak)

Vertical (Average)



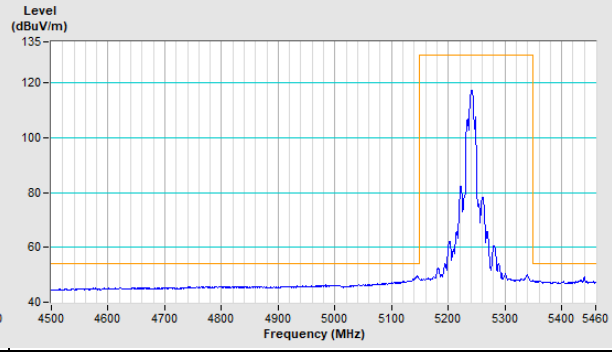
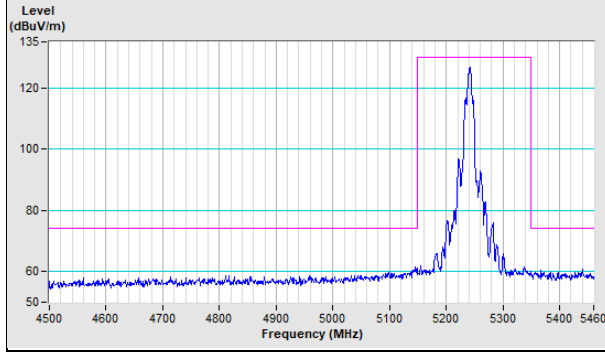
802.11a Channel 48

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

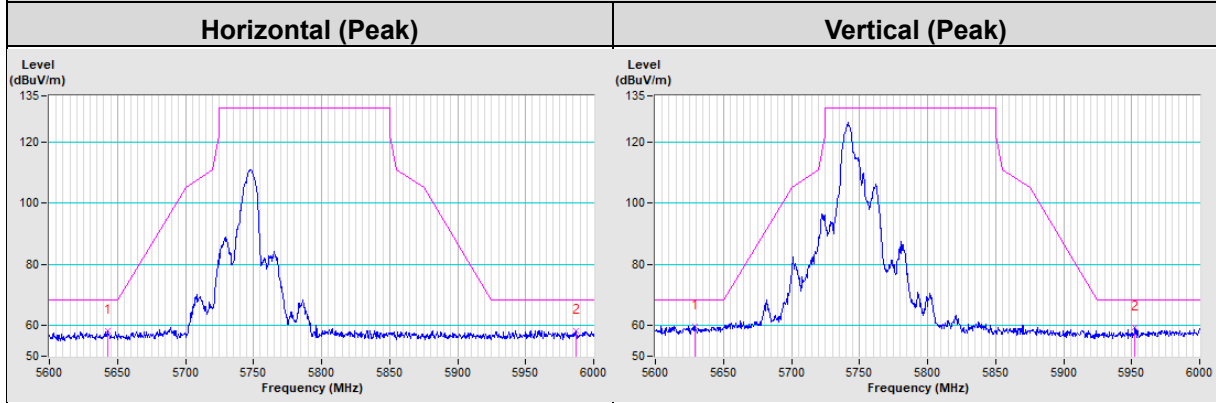


Vertical (Peak)

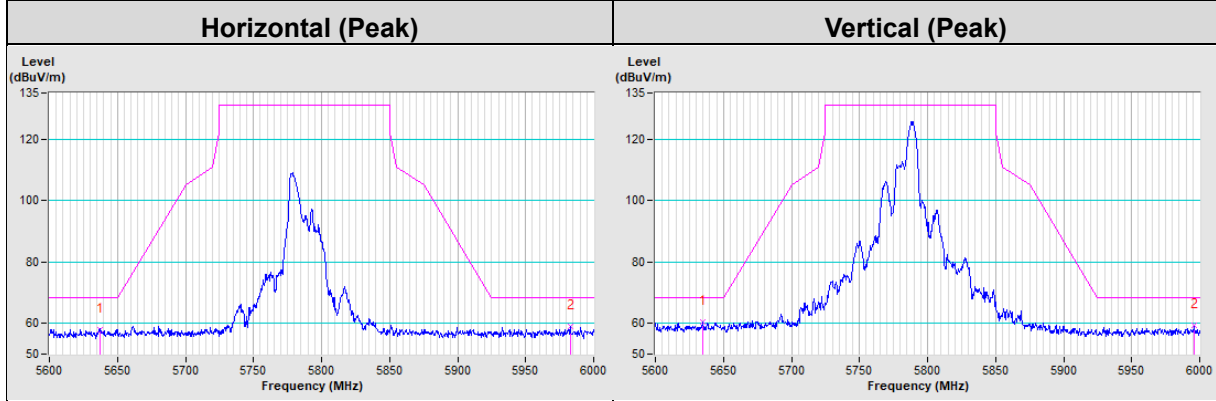
Vertical (Average)



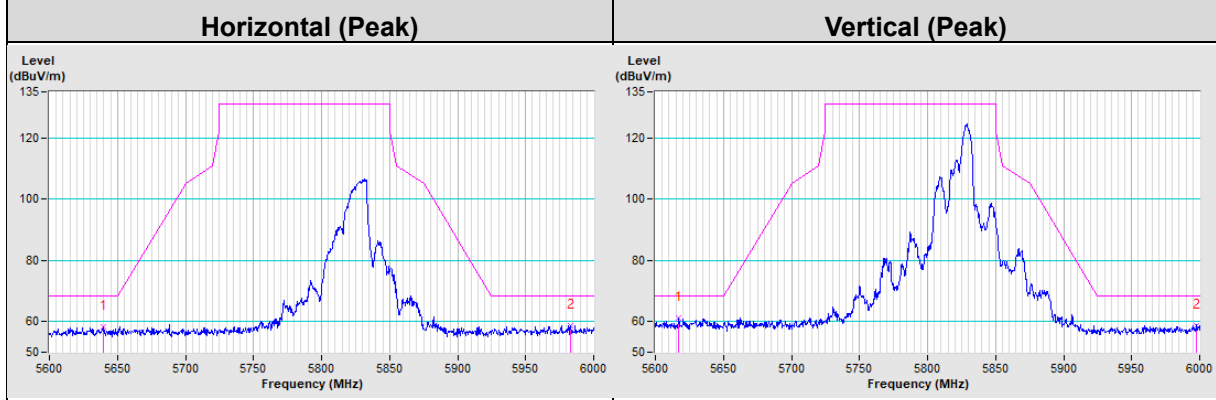
802.11a Channel 149



802.11a Channel 157

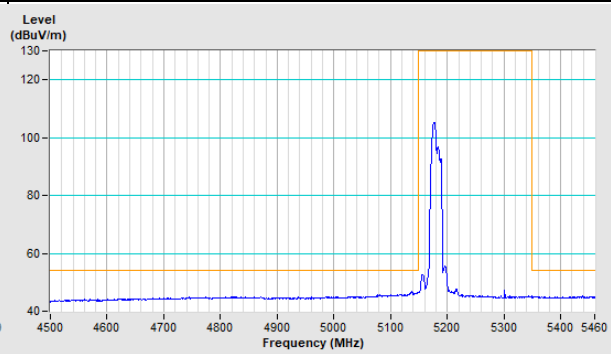
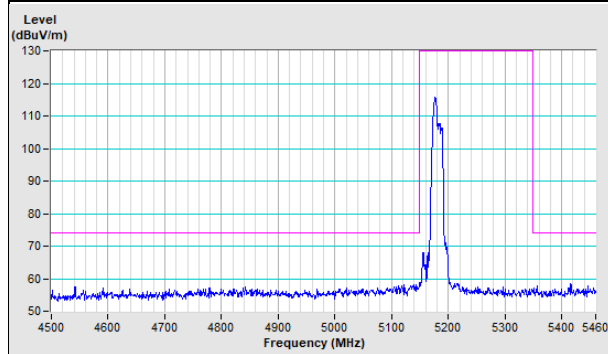


802.11a Channel 165



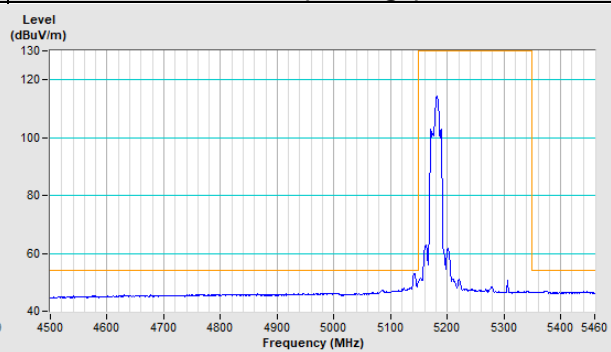
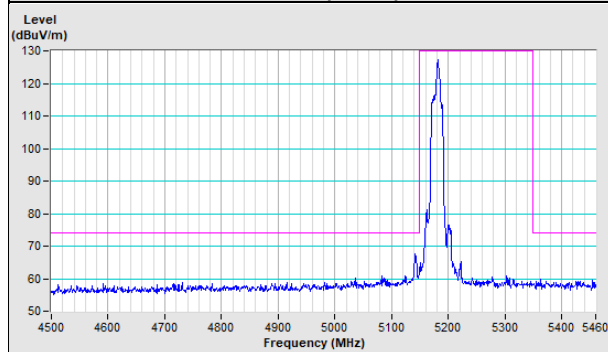
802.11ax (HE20) Channel 36

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



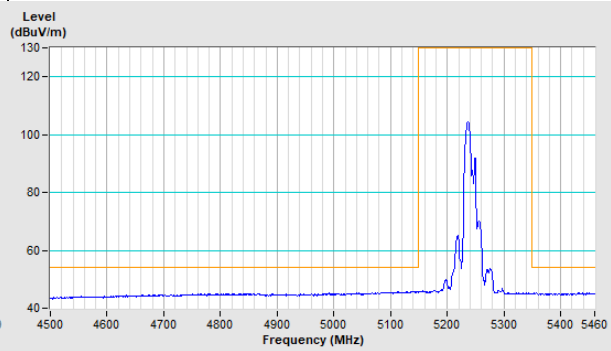
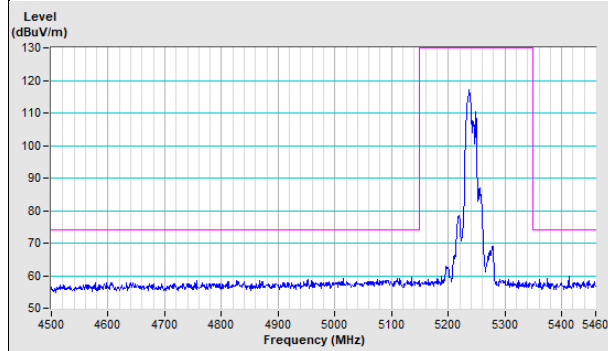
Vertical (Peak)

Vertical (Average)



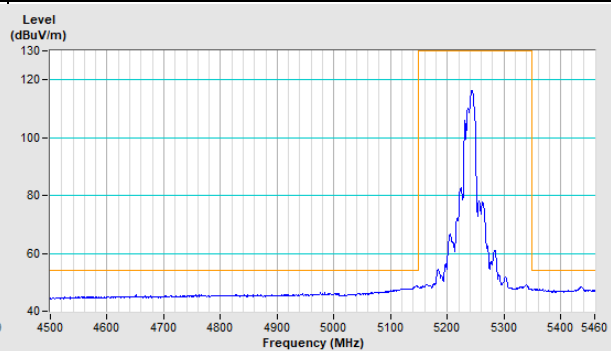
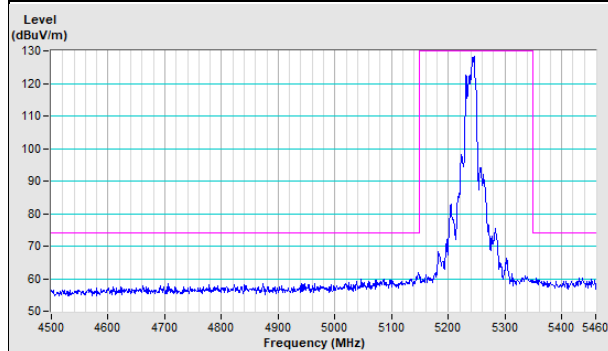
802.11ax (HE20) Channel 48

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



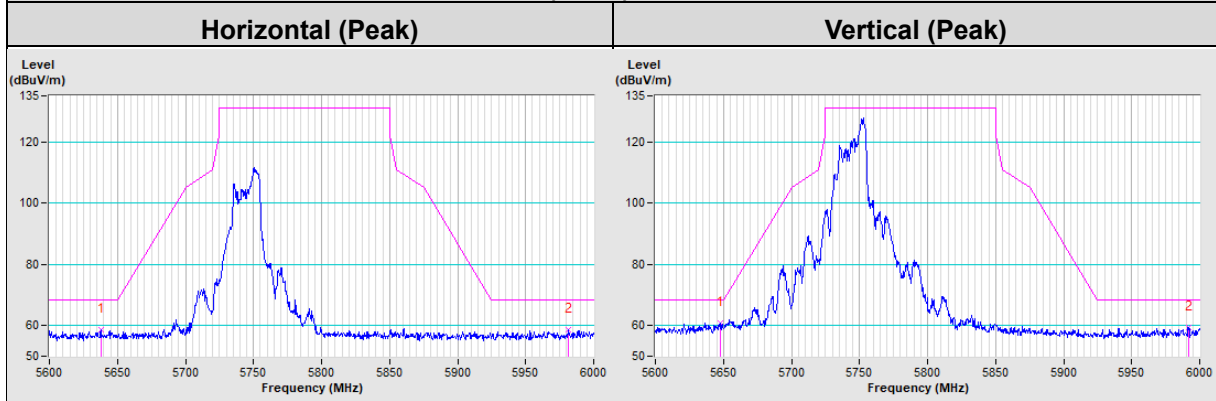
Vertical (Peak)

Vertical (Average)

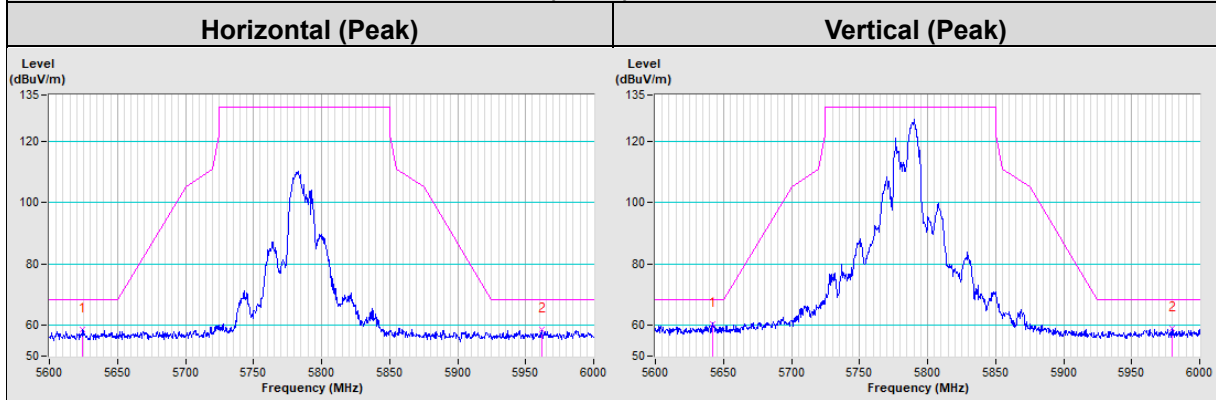




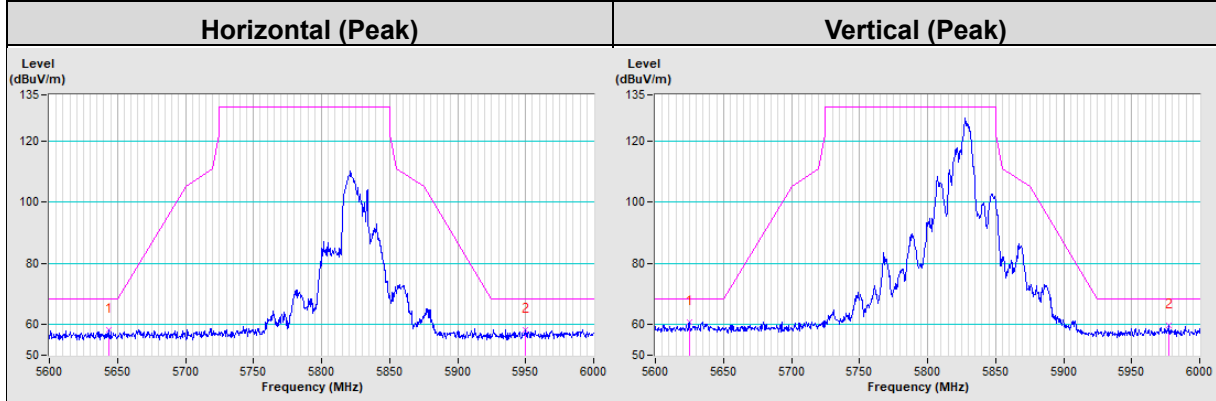
802.11ax (HE20) Channel 149



802.11ax (HE20) Channel 157

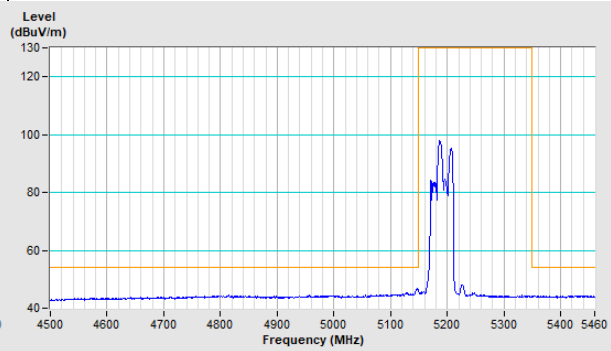
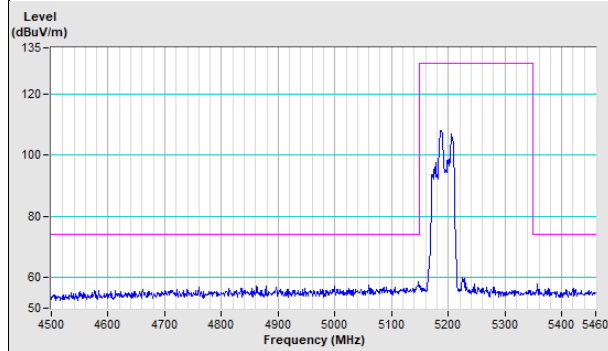


802.11ax (HE20) Channel 165



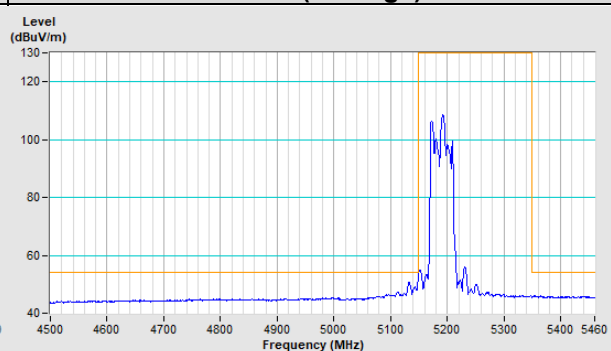
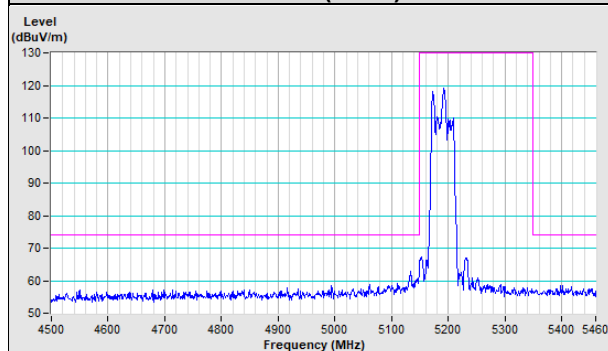
802.11ax (HE40) Channel 38

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



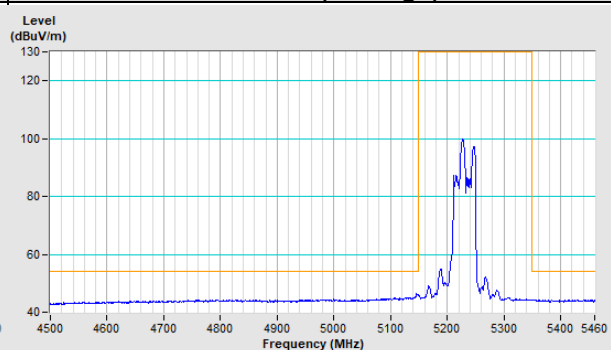
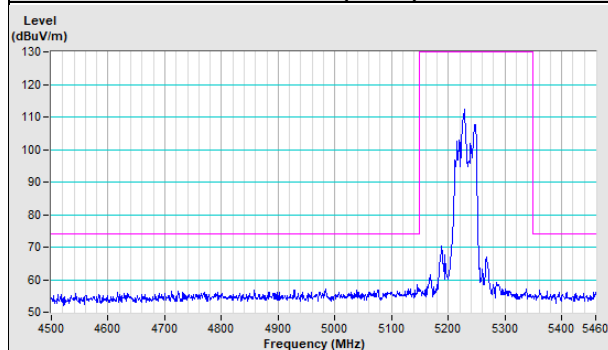
Vertical (Peak)

Vertical (Average)



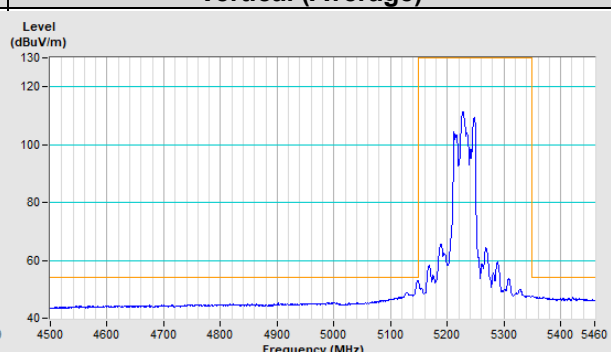
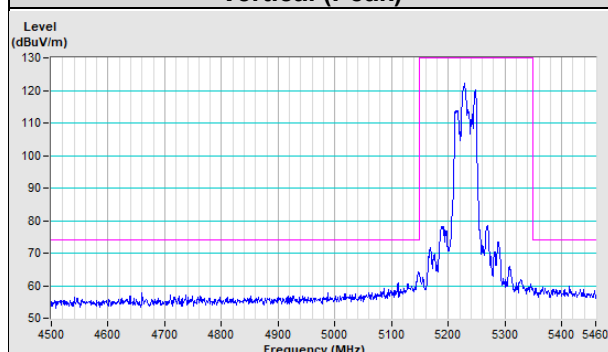
802.11ax (HE40) Channel 46

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

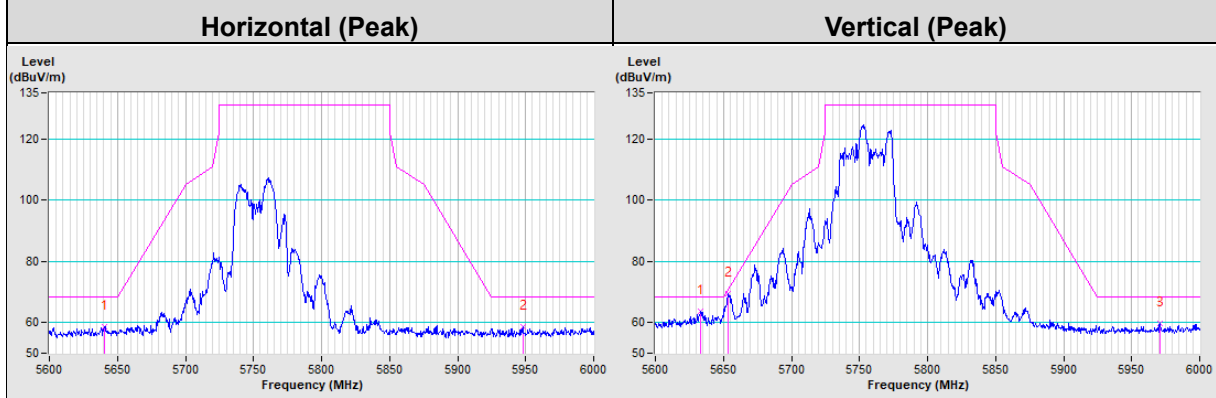


Vertical (Peak)

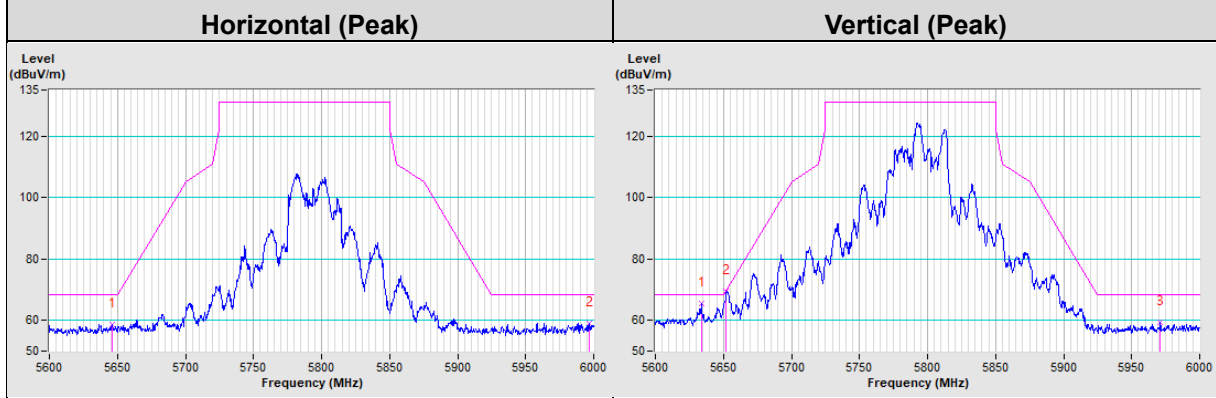
Vertical (Average)



802.11ax (HE40) Channel 151



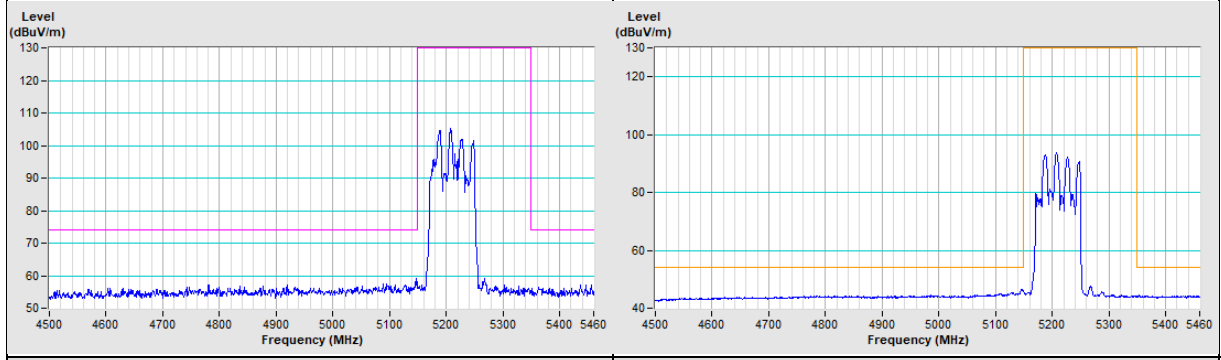
802.11ax (HE40) Channel 159



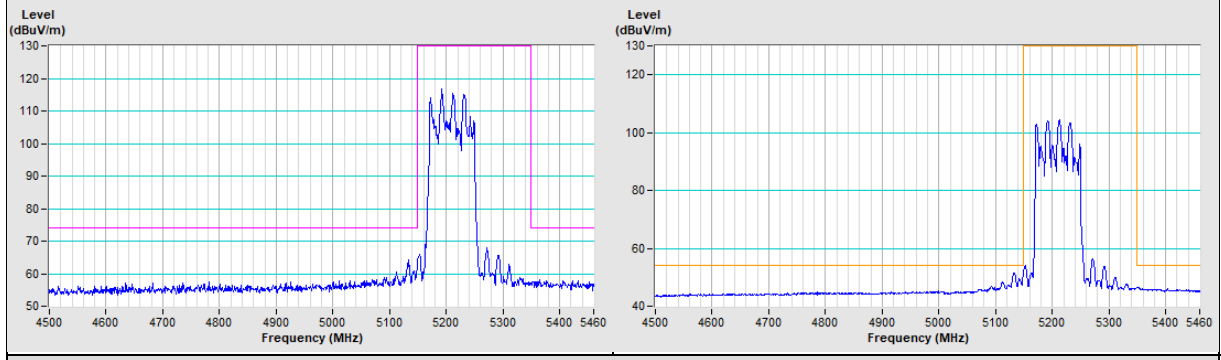


802.11ax (HE80) Channel 42

Horizontal (Peak)	Horizontal (Average)
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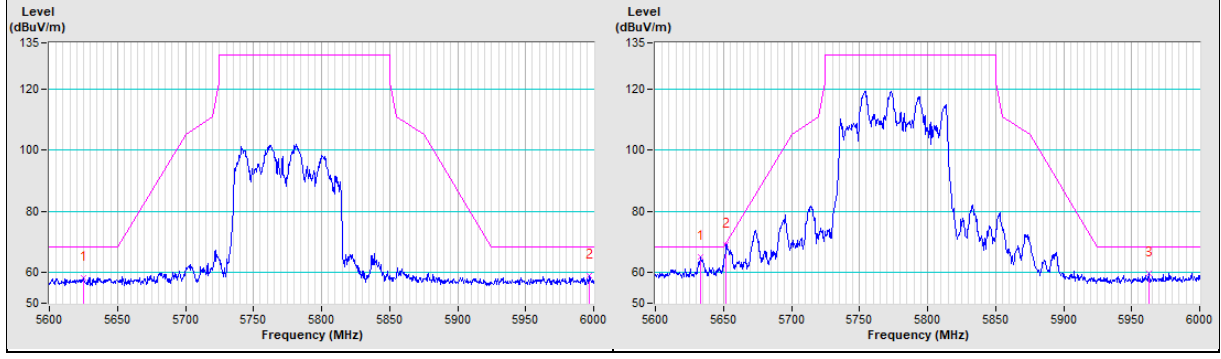


Vertical (Peak)	Vertical (Average)
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802.11ax (HE80) Channel 155

Horizontal (Peak)	Vertical (Peak)
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Test Mode I: FAP-433G_Radio 3

RF Mode	802.11a	Channel	CH 149 : 5745 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	Tim Chen		

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	#5611.60	60.0 PK	68.2	-8.2	2.41 H	71	55.9	4.1
2	*5745.00	111.2 PK			2.41 H	71	68.6	42.6
3	*5745.00	101.1 AV			2.41 H	71	58.5	42.6
4	#5975.20	60.8 PK	68.2	-7.4	2.41 H	71	55.9	4.9
5	11490.00	56.7 PK	74.0	-17.3	1.62 H	134	47.3	9.4
6	11490.00	46.5 AV	54.0	-7.5	1.62 H	134	37.1	9.4

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	#5636.80	67.2 PK	68.2	-1.0	3.03 V	71	62.9	4.3
2	#5656.00	71.8 PK	72.7	-0.9	3.03 V	71	67.5	4.3
3	*5745.00	127.1 PK			3.03 V	71	84.5	42.6
4	*5745.00	117.0 AV			3.03 V	71	74.4	42.6
5	#5936.00	60.6 PK	68.2	-7.6	3.03 V	71	56.0	4.6
6	11490.00	56.9 PK	74.0	-17.1	2.13 V	166	47.5	9.4
7	11490.00	47.0 AV	54.0	-7.0	2.13 V	166	37.6	9.4

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.



RF Mode	802.11a	Channel	CH 157 : 5785 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	Tim Chen		

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	#5635.20	59.9 PK	68.2	-8.3	2.60 H	73	55.6	4.3
2	*5785.00	112.3 PK			2.60 H	73	69.6	42.7
3	*5785.00	101.4 AV			2.60 H	73	58.7	42.7
4	#5964.40	59.9 PK	68.2	-8.3	2.60 H	73	55.1	4.8
5	11570.00	56.6 PK	74.0	-17.4	1.35 H	243	47.2	9.4
6	11570.00	46.6 AV	54.0	-7.4	1.35 H	243	37.2	9.4

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	#5648.00	61.8 PK	68.2	-6.4	2.49 V	288	57.5	4.3
2	*5785.00	128.1 PK			2.49 V	288	85.4	42.7
3	*5785.00	117.8 AV			2.49 V	288	75.1	42.7
4	#5925.60	63.3 PK	68.2	-4.9	2.49 V	288	58.7	4.6
5	11570.00	57.1 PK	74.0	-16.9	1.47 V	218	47.7	9.4
6	11570.00	46.8 AV	54.0	-7.2	1.47 V	218	37.4	9.4

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 165 : 5825 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	Tim Chen		

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	#5645.20	60.0 PK	68.2	-8.2	2.47 H	73	55.7	4.3
2	*5825.00	111.4 PK			2.47 H	73	68.7	42.7
3	*5825.00	100.8 AV			2.47 H	73	58.1	42.7
4	#5976.80	60.6 PK	68.2	-7.6	2.47 H	73	55.7	4.9
5	11650.00	56.6 PK	74.0	-17.4	2.04 H	166	47.3	9.3
6	11650.00	46.4 AV	54.0	-7.6	2.04 H	166	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	#5645.20	61.1 PK	68.2	-7.1	2.02 V	282	56.8	4.3
2	*5825.00	126.9 PK			2.02 V	282	84.2	42.7
3	*5825.00	116.8 AV			2.02 V	282	74.1	42.7
4	#5920.40	69.9 PK	71.6	-1.7	2.02 V	282	65.4	4.5
5	#5929.60	67.4 PK	68.2	-0.8	2.02 V	282	62.8	4.6
6	11650.00	57.2 PK	74.0	-16.8	1.86 V	235	47.9	9.3
7	11650.00	47.0 AV	54.0	-7.0	1.86 V	235	37.7	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 (HE20)	Channel	CH 149 : 5745 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	Tim Chen		

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	#5627.60	60.1 PK	68.2	-8.1	3.62 H	88	55.9	4.2
2	*5745.00	111.9 PK			3.62 H	88	69.3	42.6
3	*5745.00	99.9 AV			3.62 H	88	57.3	42.6
4	#5996.80	61.3 PK	68.2	-6.9	3.62 H	88	56.2	5.1
5	11490.00	56.6 PK	74.0	-17.4	1.98 H	326	47.2	9.4
6	11490.00	46.5 AV	54.0	-7.5	1.98 H	326	37.1	9.4

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	#5648.40	67.0 PK	68.2	-1.2	2.52 V	286	62.7	4.3
2	#5654.00	70.4 PK	71.2	-0.8	2.52 V	286	66.1	4.3
3	*5745.00	128.7 PK			2.52 V	286	86.1	42.6
4	*5745.00	115.9 AV			2.52 V	286	73.3	42.6
5	#5941.60	61.2 PK	68.2	-7.0	2.52 V	286	56.6	4.6
6	11490.00	57.3 PK	74.0	-16.7	1.52 V	341	47.9	9.4
7	11490.00	47.0 AV	54.0	-7.0	1.52 V	341	37.6	9.4

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 157 : 5785 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	Tim Chen		

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	#5630.40	59.6 PK	68.2	-8.6	2.96 H	90	55.4	4.2
2	*5785.00	111.9 PK			2.96 H	90	69.2	42.7
3	*5785.00	99.3 AV			2.96 H	90	56.6	42.7
4	#5933.60	61.0 PK	68.2	-7.2	2.96 H	90	56.4	4.6
5	11570.00	56.6 PK	74.0	-17.4	1.77 H	204	47.2	9.4
6	11570.00	46.6 AV	54.0	-7.4	1.77 H	204	37.2	9.4

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	#5632.00	62.9 PK	68.2	-5.3	2.64 V	287	58.7	4.2
2	#5655.20	66.3 PK	72.1	-5.8	2.64 V	287	62.0	4.3
3	*5785.00	130.2 PK			2.64 V	287	87.5	42.7
4	*5785.00	117.5 AV			2.64 V	287	74.8	42.7
5	#5923.60	66.1 PK	69.2	-3.1	2.64 V	287	61.6	4.5
6	11570.00	56.8 PK	74.0	-17.2	1.58 V	166	47.4	9.4
7	11570.00	46.6 AV	54.0	-7.4	1.58 V	166	37.2	9.4

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 165 : 5825 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	Tim Chen		

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	#5628.40	60.3 PK	68.2	-7.9	2.42 H	73	56.1	4.2
2	*5825.00	111.3 PK			2.42 H	73	68.6	42.7
3	*5825.00	99.1 AV			2.42 H	73	56.4	42.7
4	#5972.40	59.9 PK	68.2	-8.3	2.42 H	73	55.0	4.9
5	11650.00	56.5 PK	74.0	-17.5	1.85 H	46	47.2	9.3
6	11650.00	46.5 AV	54.0	-7.5	1.85 H	46	37.2	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	#5629.60	61.3 PK	68.2	-6.9	2.60 V	288	57.1	4.2
2	*5825.00	127.8 PK			2.60 V	288	85.1	42.7
3	*5825.00	115.6 AV			2.60 V	288	72.9	42.7
4	#5932.00	67.2 PK	68.2	-1.0	2.60 V	288	62.6	4.6
5	11650.00	57.1 PK	74.0	-16.9	1.58 V	271	47.8	9.3
6	11650.00	46.8 AV	54.0	-7.2	1.58 V	271	37.5	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 (HE40)	Channel	CH 151 : 5755 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	Tim Chen		

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	#5632.80	59.5 PK	68.2	-8.7	2.42 H	73	56.2	3.3
2	*5755.00	106.4 PK			2.42 H	73	64.6	41.8
3	*5755.00	95.3 AV			2.42 H	73	53.5	41.8
4	#5986.00	59.9 PK	68.2	-8.3	2.42 H	73	55.9	4.0
5	11510.00	56.9 PK	74.0	-17.1	1.31 H	200	47.3	9.6
6	11510.00	46.3 AV	54.0	-7.7	1.31 H	200	36.7	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	#5648.40	67.7 PK	68.2	-0.5	1.99 V	281	64.3	3.4
2	*5755.00	124.3 PK			1.99 V	281	82.5	41.8
3	*5755.00	112.0 AV			1.99 V	281	70.2	41.8
4	#5930.40	60.2 PK	68.2	-8.0	1.99 V	281	56.5	3.7
5	11510.00	55.9 PK	74.0	-18.1	1.63 V	301	46.3	9.6
6	11510.00	46.7 AV	54.0	-7.3	1.63 V	301	37.1	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 159 : 5795 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	Tim Chen		

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	#5636.00	60.0 PK	68.2	-8.2	2.56 H	73	56.6	3.4
2	*5795.00	108.3 PK			2.56 H	73	66.5	41.8
3	*5795.00	96.4 AV			2.56 H	73	54.6	41.8
4	#5984.80	61.0 PK	68.2	-7.2	2.56 H	73	57.0	4.0
5	11590.00	56.4 PK	74.0	-17.6	2.10 H	155	46.9	9.5
6	11590.00	46.8 AV	54.0	-7.2	2.10 H	155	37.3	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	#5636.00	62.4 PK	68.2	-5.8	2.03 V	279	59.0	3.4
2	*5795.00	124.8 PK			2.03 V	279	83.0	41.8
3	*5795.00	112.4 AV			2.03 V	279	70.6	41.8
4	#5926.40	67.4 PK	68.2	-0.8	2.03 V	279	63.7	3.7
5	11590.00	56.2 PK	74.0	-17.8	1.31 V	105	46.7	9.5
6	11590.00	46.9 AV	54.0	-7.1	1.31 V	105	37.4	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)	Channel	CH 155 : 5775 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	Tim Chen		

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	#5622.40	60.3 PK	68.2	-7.9	2.61 H	73	57.0	3.3
2	*5775.00	101.9 PK			2.61 H	73	60.2	41.7
3	*5775.00	89.7 AV			2.61 H	73	48.0	41.7
4	#5941.60	61.0 PK	68.2	-7.2	2.61 H	73	57.3	3.7
5	11550.00	56.6 PK	74.0	-17.4	1.35 H	166	47.0	9.6
6	11550.00	45.8 AV	54.0	-8.2	1.35 H	166	36.2	9.6

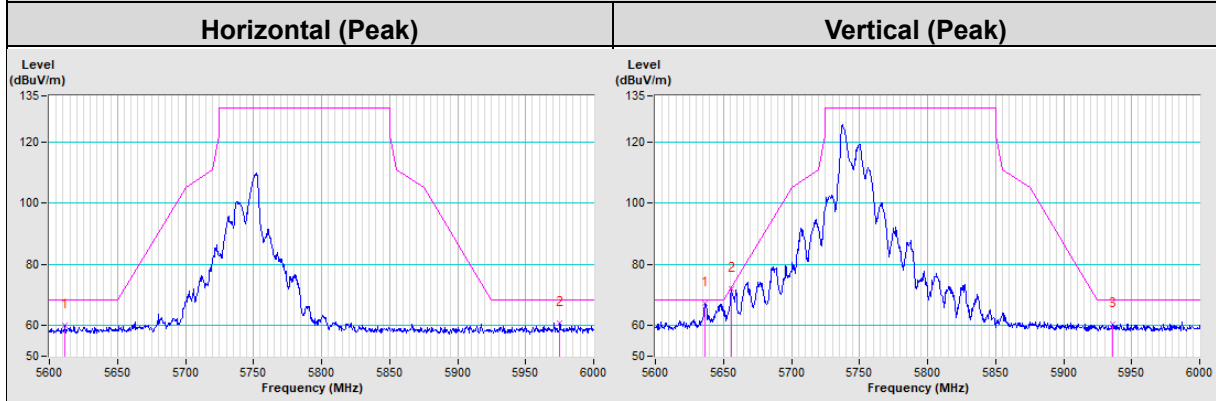
Antenna Polarity & Test Distance : Vertical at 3 m

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	#5647.20	67.3 PK	68.2	-0.9	2.05 V	282	63.9	3.4
2	*5775.00	117.3 PK			2.05 V	282	75.6	41.7
3	*5775.00	105.9 AV			2.05 V	282	64.2	41.7
4	#5931.20	62.8 PK	68.2	-5.4	2.05 V	282	59.1	3.7
5	11550.00	56.4 PK	74.0	-17.6	1.05 V	255	46.8	9.6
6	11550.00	46.6 AV	54.0	-7.4	1.05 V	255	37.0	9.6

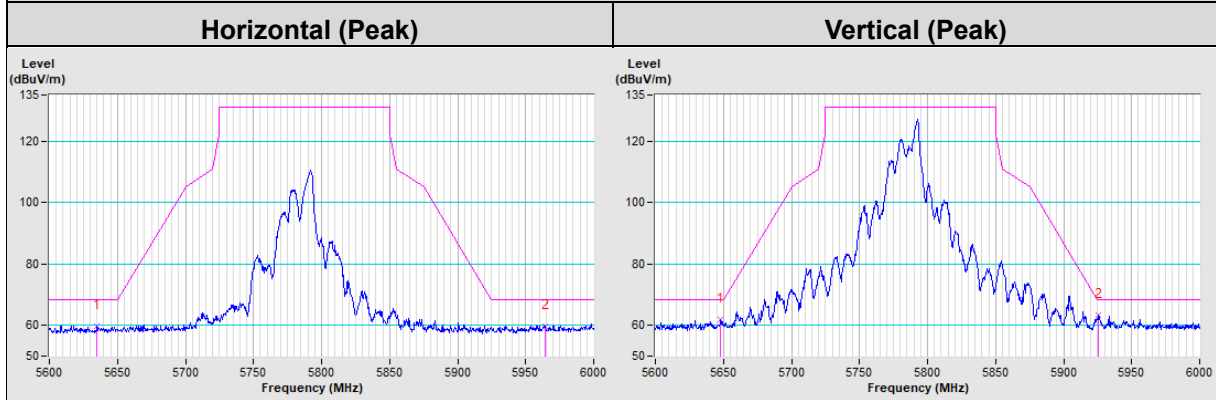
Remarks:

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.

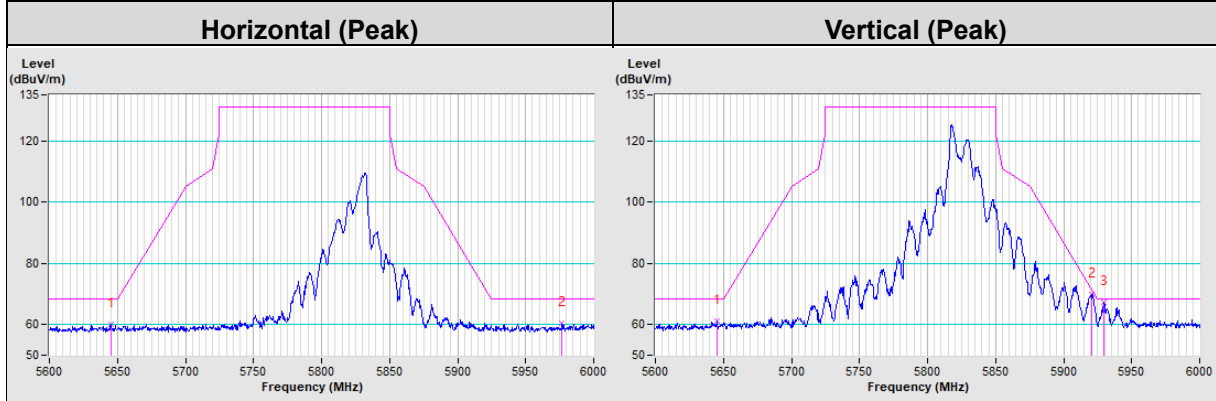
802.11a Channel 149



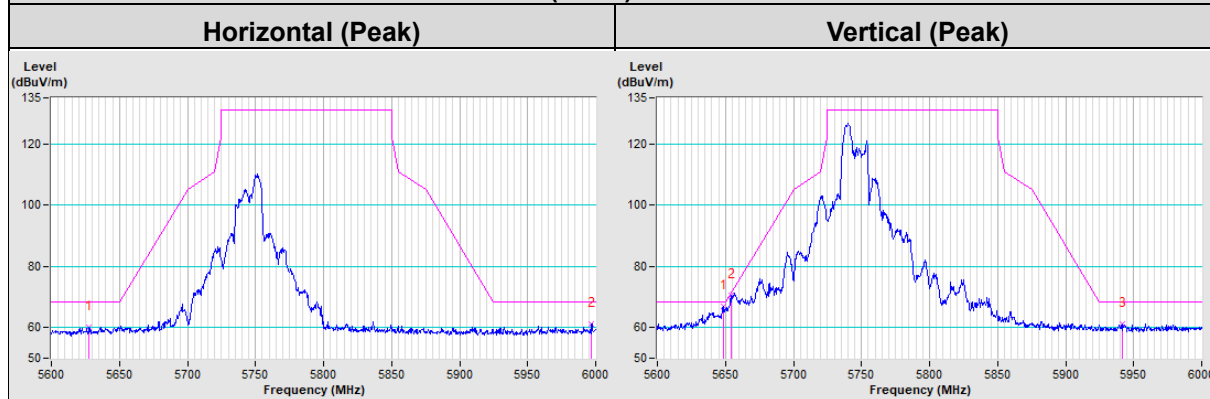
802.11a Channel 157



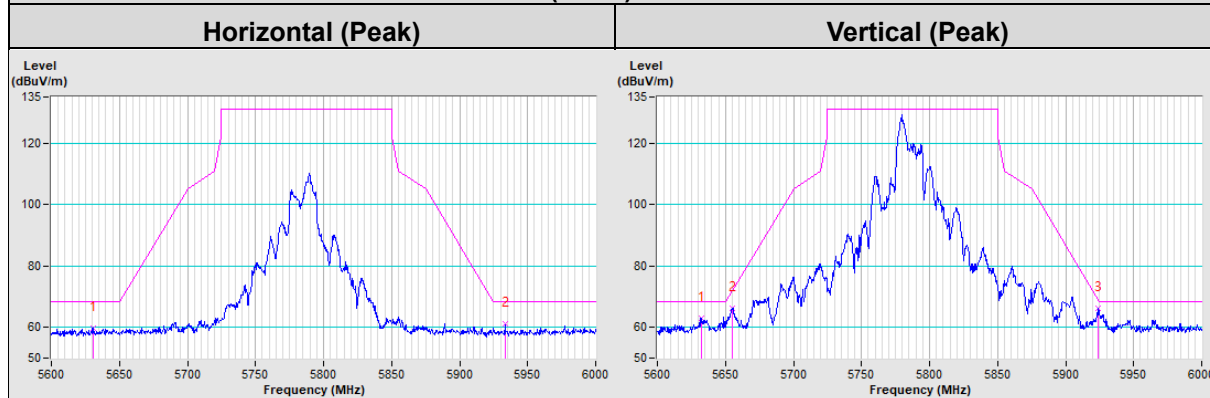
802.11a Channel 165



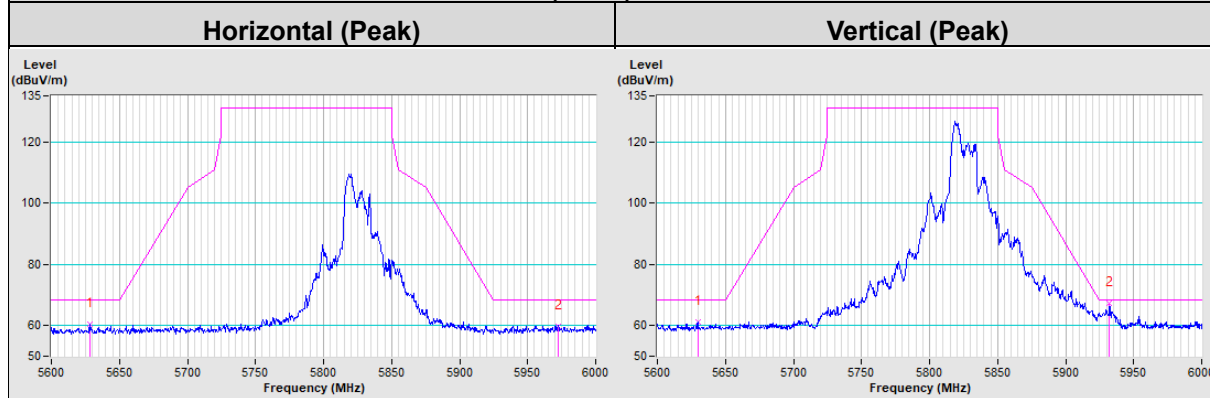
802.11ax (HE20) Channel 149



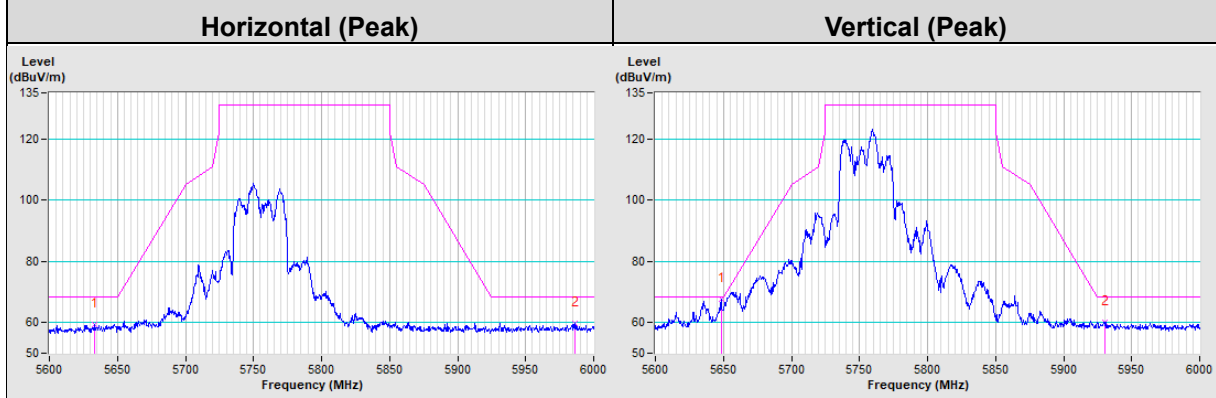
802.11ax (HE20) Channel 157



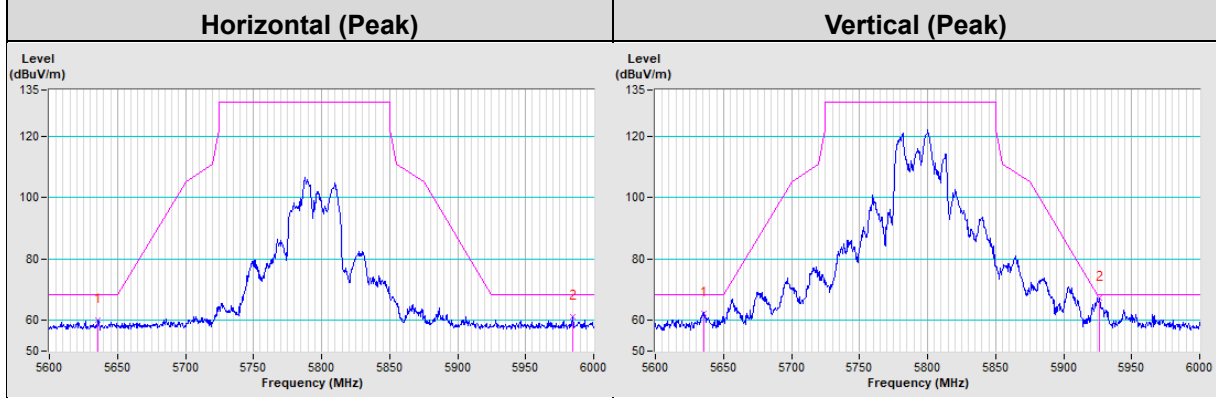
802.11ax (HE20) Channel 165

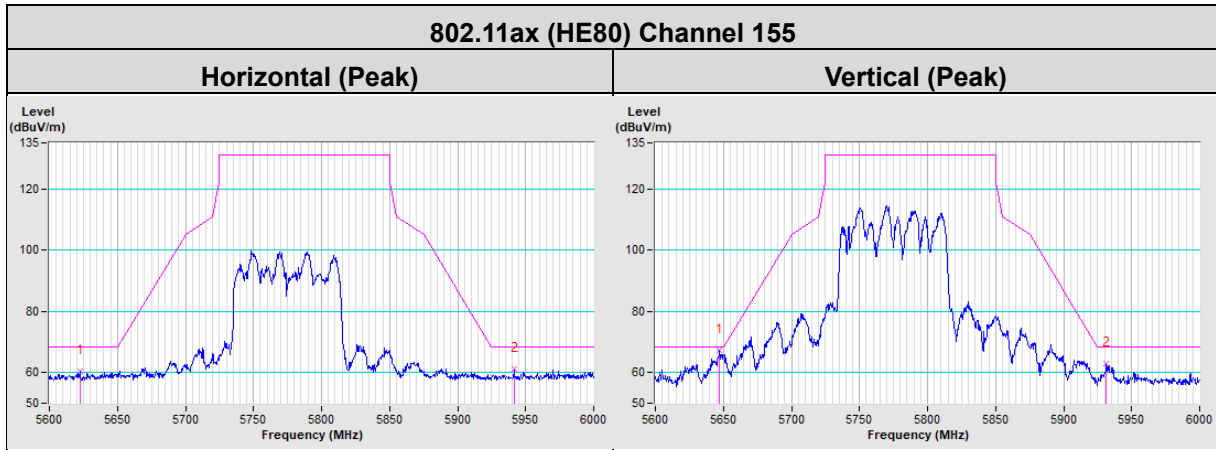


802.11ax (HE40) Channel 151



802.11ax (HE40) Channel 159





Test Mode K: FAP-433G_Scanning Radio

RF Mode	802.11a	Channel	CH 36 : 5180 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	27°C, 79% 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	57.9 PK	74.0	-16.1	1.49 H	188	55.0	2.9
2	5150.00	48.1 AV	54.0	-5.9	1.49 H	188	45.2	2.9
3	*5180.00	101.4 PK			1.49 H	188	61.0	40.4
4	*5180.00	94.5 AV			1.49 H	188	54.1	40.4
5	#10380.00	55.4 PK	68.2	-12.8	1.66 H	179	47.5	7.9
6	#10380.00	46.2 AV	54.0	-7.8	1.66 H	179	38.3	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	5150.00	60.9 PK	74.0	-13.1	2.07 V	110	58.0	2.9
2	5150.00	52.0 AV	54.0	-2.0	2.07 V	110	49.1	2.9
3	*5180.00	112.6 PK			2.07 V	110	72.2	40.4
4	*5180.00	105.7 AV			2.07 V	110	65.3	40.4
5	#10380.00	56.5 PK	68.2	-11.7	2.22 V	136	48.6	7.9
6	#10380.00	45.6 AV	54.0	-8.4	2.22 V	136	37.7	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 40 : 5200 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	27°C, 79% 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	58.0 PK	74.0	-16.0	1.58 H	187	55.1	2.9
2	5150.00	48.4 AV	54.0	-5.6	1.58 H	187	45.5	2.9
3	*5200.00	103.9 PK			1.58 H	187	63.6	40.3
4	*5200.00	97.5 AV			1.58 H	187	57.2	40.3
5	#10400.00	56.2 PK	68.2	-12.0	1.63 H	199	48.3	7.9
6	#10400.00	46.2 AV	54.0	-7.8	1.63 H	199	38.3	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	5150.00	64.4 PK	74.0	-9.6	2.05 V	297	61.5	2.9
2	5150.00	53.0 AV	54.0	-1.0	2.05 V	297	50.1	2.9
3	*5200.00	115.7 PK			2.05 V	297	75.4	40.3
4	*5200.00	108.8 AV			2.05 V	297	68.5	40.3
5	#10400.00	56.2 PK	68.2	-12.0	2.26 V	311	48.3	7.9
6	#10400.00	46.2 AV	54.0	-7.8	2.26 V	311	38.3	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 48 : 5240 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	27°C, 79% 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	1.44 H	188	54.7	2.9
2	5150.00	47.8 AV	54.0	-6.2	1.44 H	188	44.9	2.9
3	*5240.00	105.8 PK			1.44 H	188	65.6	40.2
4	*5240.00	99.0 AV			1.44 H	188	58.8	40.2
5	#10480.00	56.2 PK	68.2	-12.0	1.64 H	188	48.4	7.8
6	#10480.00	45.0 AV	54.0	-9.0	1.64 H	188	37.2	7.8

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	5150.00	58.4 PK	74.0	-15.6	2.02 V	111	55.5	2.9
2	5150.00	50.9 AV	54.0	-3.1	2.02 V	111	48.0	2.9
3	*5240.00	114.0 PK			2.02 V	111	73.8	40.2
4	*5240.00	108.1 AV			2.02 V	111	67.9	40.2
5	#10480.00	56.3 PK	68.2	-11.9	2.22 V	134	48.5	7.8
6	#10480.00	45.1 AV	54.0	-8.9	2.22 V	134	37.3	7.8

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	802.11a	Channel	CH 149 : 5745 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	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	#5614.00	63.0 PK	68.2	-5.2	2.70 H	111	59.8	3.2
2	*5745.00	108.6 PK			2.70 H	111	67.1	41.5
3	*5745.00	100.1 AV			2.70 H	111	58.6	41.5
4	#5987.20	65.2 PK	68.2	-3.0	2.70 H	111	60.8	4.4
5	11490.00	57.0 PK	74.0	-17.0	1.97 H	206	47.9	9.1
6	11490.00	46.8 AV	54.0	-7.2	1.97 H	206	37.7	9.1

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	#5648.80	67.3 PK	68.2	-0.9	2.03 V	288	63.8	3.5
2	*5745.00	120.4 PK			2.03 V	288	78.9	41.5
3	*5745.00	112.7 AV			2.03 V	288	71.2	41.5
4	#5939.60	62.9 PK	68.2	-5.3	2.03 V	288	59.0	3.9
5	11490.00	57.9 PK	74.0	-16.1	2.37 V	186	48.8	9.1
6	11490.00	47.7 AV	54.0	-6.3	2.37 V	186	38.6	9.1

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.



RF Mode	802.11a	Channel	CH 157 : 5785 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	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	#5626.80	57.8 PK	68.2	-10.4	2.64 H	103	54.5	3.3
2	*5785.00	108.4 PK			2.64 H	103	66.8	41.6
3	*5785.00	99.9 AV			2.64 H	103	58.3	41.6
4	#5961.20	59.6 PK	68.2	-8.6	2.64 H	103	55.5	4.1
5	11570.00	56.9 PK	74.0	-17.1	1.83 H	214	47.7	9.2
6	11570.00	46.8 AV	54.0	-7.2	1.83 H	214	37.6	9.2

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	#5643.20	62.2 PK	68.2	-6.0	2.04 V	287	58.8	3.4
2	*5785.00	121.0 PK			2.04 V	287	79.4	41.6
3	*5785.00	112.5 AV			2.04 V	287	70.9	41.6
4	#5928.00	60.2 PK	68.2	-8.0	2.04 V	287	56.3	3.9
5	11570.00	58.0 PK	74.0	-16.0	2.36 V	172	48.8	9.2
6	11570.00	47.8 AV	54.0	-6.2	2.36 V	172	38.6	9.2

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 165 : 5825 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	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	#5629.60	61.1 PK	68.2	-7.1	2.64 H	116	57.8	3.3
2	*5825.00	108.4 PK			2.64 H	116	66.8	41.6
3	*5825.00	100.0 AV			2.64 H	116	58.4	41.6
4	#5930.00	61.8 PK	68.2	-6.4	2.64 H	116	57.8	4.0
5	11650.00	56.6 PK	74.0	-17.4	1.92 H	208	47.6	9.0
6	11650.00	46.5 AV	54.0	-7.5	1.92 H	208	37.5	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	#5632.80	62.2 PK	68.2	-6.0	2.14 V	286	58.8	3.4
2	*5825.00	121.3 PK			2.14 V	286	79.7	41.6
3	*5825.00	112.7 AV			2.14 V	286	71.1	41.6
4	#5930.40	67.4 PK	68.2	-0.8	2.14 V	286	63.4	4.0
5	11650.00	57.9 PK	74.0	-16.1	2.29 V	171	48.9	9.0
6	11650.00	47.6 AV	54.0	-6.4	2.29 V	171	38.6	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 36 : 5180 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	27°C, 79% 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	58.6 PK	74.0	-15.4	1.52 H	187	55.7	2.9
2	5150.00	47.8 AV	54.0	-6.2	1.52 H	187	44.9	2.9
3	*5180.00	104.5 PK			1.52 H	187	64.1	40.4
4	*5180.00	95.2 AV			1.52 H	187	54.8	40.4
5	#10360.00	56.2 PK	68.2	-12.0	1.64 H	171	48.2	8.0
6	#10360.00	45.7 AV	54.0	-8.3	1.64 H	171	37.7	8.0

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	5150.00	61.0 PK	74.0	-13.0	2.12 V	102	58.1	2.9
2	5150.00	51.6 AV	54.0	-2.4	2.12 V	102	48.7	2.9
3	*5180.00	117.3 PK			2.12 V	102	76.9	40.4
4	*5180.00	109.3 AV			2.12 V	102	68.9	40.4
5	#10360.00	56.3 PK	68.2	-11.9	2.21 V	141	48.3	8.0
6	#10360.00	45.3 AV	54.0	-8.7	2.21 V	141	37.3	8.0

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 40 : 5200 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	27°C, 79% 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	57.2 PK	74.0	-16.8	1.81 H	188	54.3	2.9
2	5150.00	48.0 AV	54.0	-6.0	1.81 H	188	45.1	2.9
3	*5200.00	103.2 PK			1.81 H	188	62.9	40.3
4	*5200.00	96.6 AV			1.81 H	188	56.3	40.3
5	#10400.00	56.2 PK	68.2	-12.0	1.99 H	164	48.3	7.9
6	#10400.00	45.2 AV	54.0	-8.8	1.99 H	164	37.3	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	5150.00	62.6 PK	74.0	-11.4	2.10 V	112	59.7	2.9
2	5150.00	52.6 AV	54.0	-1.4	2.10 V	112	49.7	2.9
3	*5200.00	115.5 PK			2.10 V	112	75.2	40.3
4	*5200.00	107.3 AV			2.10 V	112	67.0	40.3
5	#10400.00	55.9 PK	68.2	-12.3	2.21 V	151	48.0	7.9
6	#10400.00	45.7 AV	54.0	-8.3	2.21 V	151	37.8	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 48 : 5240 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	27°C, 79% 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	58.1 PK	74.0	-15.9	1.86 H	188	55.2	2.9
2	5150.00	47.9 AV	54.0	-6.1	1.86 H	188	45.0	2.9
3	*5240.00	106.8 PK			1.86 H	188	66.6	40.2
4	*5240.00	99.5 AV			1.86 H	188	59.3	40.2
5	#10480.00	55.8 PK	68.2	-12.4	1.86 H	211	48.0	7.8
6	#10480.00	45.3 AV	54.0	-8.7	1.86 H	211	37.5	7.8

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	5150.00	61.6 PK	74.0	-12.4	2.05 V	286	58.7	2.9
2	5150.00	53.8 AV	54.0	-0.2	2.05 V	286	50.9	2.9
3	*5240.00	119.2 PK			2.05 V	286	79.0	40.2
4	*5240.00	110.7 AV			2.05 V	286	70.5	40.2
5	#10480.00	56.0 PK	68.2	-12.2	2.58 V	221	48.2	7.8
6	#10480.00	45.2 AV	54.0	-8.8	2.58 V	221	37.4	7.8

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 (HE20)	Channel	CH 149 : 5745 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	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	#5644.40	58.6 PK	68.2	-9.6	2.54 H	117	55.2	3.4
2	*5745.00	108.8 PK			2.54 H	117	67.3	41.5
3	*5745.00	100.2 AV			2.54 H	117	58.7	41.5
4	#5932.80	59.1 PK	68.2	-9.1	2.54 H	117	55.1	4.0
5	11490.00	56.9 PK	74.0	-17.1	1.92 H	214	47.8	9.1
6	11490.00	46.8 AV	54.0	-7.2	1.92 H	214	37.7	9.1

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	#5646.40	67.6 PK	68.2	-0.6	1.99 V	282	64.2	3.4
2	*5745.00	121.1 PK			1.99 V	282	79.6	41.5
3	*5745.00	112.7 AV			1.99 V	282	71.2	41.5
4	#5938.80	59.1 PK	68.2	-9.1	1.99 V	282	55.2	3.9
5	11490.00	57.9 PK	74.0	-16.1	2.53 V	176	48.8	9.1
6	11490.00	47.5 AV	54.0	-6.5	2.53 V	176	38.4	9.1

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.



RF Mode	802.11ax (HE20)	Channel	CH 157 : 5785 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	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	#5643.60	57.9 PK	68.2	-10.3	2.80 H	104	54.5	3.4
2	*5785.00	109.1 PK			2.80 H	104	67.5	41.6
3	*5785.00	100.6 AV			2.80 H	104	59.0	41.6
4	#5963.20	58.8 PK	68.2	-9.4	2.80 H	104	54.6	4.2
5	11570.00	57.3 PK	74.0	-16.7	2.06 H	224	48.1	9.2
6	11570.00	47.0 AV	54.0	-7.0	2.06 H	224	37.8	9.2

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	#5642.80	62.0 PK	68.2	-6.2	2.07 V	287	58.6	3.4
2	*5785.00	121.4 PK			2.07 V	287	79.8	41.6
3	*5785.00	113.1 AV			2.07 V	287	71.5	41.6
4	#5926.80	60.5 PK	68.2	-7.7	2.07 V	287	56.6	3.9
5	11570.00	58.1 PK	74.0	-15.9	2.32 V	169	48.9	9.2
6	11570.00	47.9 AV	54.0	-6.1	2.32 V	169	38.7	9.2

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 165 : 5825 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	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	#5642.80	57.2 PK	68.2	-11.0	2.59 H	102	53.8	3.4
2	*5825.00	107.1 PK			2.59 H	102	65.5	41.6
3	*5825.00	98.4 AV			2.59 H	102	56.8	41.6
4	#5940.80	58.2 PK	68.2	-10.0	2.59 H	102	54.3	3.9
5	11650.00	56.7 PK	74.0	-17.3	1.84 H	215	47.7	9.0
6	11650.00	46.5 AV	54.0	-7.5	1.84 H	215	37.5	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	#5615.60	61.3 PK	68.2	-6.9	2.26 V	248	58.1	3.2
2	*5825.00	119.5 PK			2.26 V	248	77.9	41.6
3	*5825.00	110.8 AV			2.26 V	248	69.2	41.6
4	#5934.40	67.1 PK	68.2	-1.1	2.26 V	248	63.1	4.0
5	11650.00	57.8 PK	74.0	-16.2	2.52 V	187	48.8	9.0
6	11650.00	47.4 AV	54.0	-6.6	2.52 V	187	38.4	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 (HE40)	Channel	CH 38 : 5190 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	27°C, 79% 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	57.5 PK	74.0	-16.5	1.63 H	187	54.6	2.9
2	5150.00	47.8 AV	54.0	-6.2	1.63 H	187	44.9	2.9
3	*5190.00	98.6 PK			1.63 H	187	58.3	40.3
4	*5190.00	90.4 AV			1.63 H	187	50.1	40.3
5	#10380.00	56.2 PK	68.2	-12.0	1.63 H	197	48.3	7.9
6	#10380.00	46.3 AV	54.0	-7.7	1.63 H	197	38.4	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	5150.00	59.9 PK	74.0	-14.1	1.89 V	297	57.0	2.9
2	5150.00	51.7 AV	54.0	-2.3	1.89 V	297	48.8	2.9
3	*5190.00	111.2 PK			1.89 V	297	70.9	40.3
4	*5190.00	101.6 AV			1.89 V	297	61.3	40.3
5	#10380.00	56.3 PK	68.2	-11.9	1.78 V	271	48.4	7.9
6	#10380.00	45.4 AV	54.0	-8.6	1.78 V	271	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 46 : 5230 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	27°C, 79% 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	58.1 PK	74.0	-15.9	1.46 H	187	55.2	2.9
2	5150.00	47.8 AV	54.0	-6.2	1.46 H	187	44.9	2.9
3	*5230.00	101.1 PK			1.46 H	187	60.9	40.2
4	*5230.00	92.9 AV			1.46 H	187	52.7	40.2
5	#10460.00	56.1 PK	68.2	-12.1	1.46 H	187	48.3	7.8
6	#10460.00	45.0 AV	54.0	-9.0	1.46 H	187	37.2	7.8

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	5150.00	61.2 PK	74.0	-12.8	1.88 V	48	58.3	2.9
2	5150.00	52.4 AV	54.0	-1.6	1.88 V	48	49.5	2.9
3	*5230.00	111.1 PK			1.88 V	48	70.9	40.2
4	*5230.00	103.8 AV			1.88 V	48	63.6	40.2
5	#10460.00	56.0 PK	68.2	-12.2	2.11 V	49	48.2	7.8
6	#10460.00	45.1 AV	54.0	-8.9	2.11 V	49	37.3	7.8

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 (HE40)	Channel	CH 151 : 5755 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	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	#5646.40	57.9 PK	68.2	-10.3	2.84 H	121	54.5	3.4
2	*5755.00	102.5 PK			2.84 H	121	60.9	41.6
3	*5755.00	93.2 AV			2.84 H	121	51.6	41.6
4	#5975.20	58.6 PK	68.2	-9.6	2.84 H	121	54.4	4.2
5	11510.00	56.5 PK	74.0	-17.5	1.98 H	213	47.4	9.1
6	11510.00	46.3 AV	54.0	-7.7	1.98 H	213	37.2	9.1

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	#5648.80	67.2 PK	68.2	-1.0	2.28 V	251	63.7	3.5
2	*5755.00	114.9 PK			2.28 V	251	73.3	41.6
3	*5755.00	105.6 AV			2.28 V	251	64.0	41.6
4	#5991.20	59.7 PK	68.2	-8.5	2.28 V	251	55.3	4.4
5	11510.00	57.4 PK	74.0	-16.6	2.48 V	162	48.3	9.1
6	11510.00	47.4 AV	54.0	-6.6	2.48 V	162	38.3	9.1

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.



RF Mode	802.11ax (HE40)	Channel	CH 159 : 5795 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	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	#5640.40	58.0 PK	68.2	-10.2	2.77 H	113	54.6	3.4
2	*5795.00	104.4 PK			2.77 H	113	62.8	41.6
3	*5795.00	95.0 AV			2.77 H	113	53.4	41.6
4	#5994.80	58.9 PK	68.2	-9.3	2.77 H	113	54.5	4.4
5	11590.00	56.4 PK	74.0	-17.6	2.05 H	217	47.3	9.1
6	11590.00	46.3 AV	54.0	-7.7	2.05 H	217	37.2	9.1

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	#5649.60	62.8 PK	68.2	-5.4	2.29 V	248	59.3	3.5
2	*5795.00	116.7 PK			2.29 V	248	75.1	41.6
3	*5795.00	107.4 AV			2.29 V	248	65.8	41.6
4	#5924.80	67.3 PK	68.3	-1.0	2.29 V	248	63.4	3.9
5	11590.00	57.5 PK	74.0	-16.5	2.56 V	173	48.4	9.1
6	11590.00	47.3 AV	54.0	-6.7	2.56 V	173	38.2	9.1

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 42 : 5210 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	27°C, 79% 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	57.9 PK	74.0	-16.1	1.46 H	187	55.0	2.9
2	5150.00	47.6 AV	54.0	-6.4	1.46 H	187	44.7	2.9
3	*5210.00	95.2 PK			1.49 H	187	54.9	40.3
4	*5210.00	87.1 AV			1.49 H	187	46.8	40.3
5	#10420.00	56.2 PK	68.2	-12.0	1.52 H	186	48.3	7.9
6	#10420.00	45.2 AV	54.0	-8.8	1.52 H	186	37.3	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	5150.00	61.5 PK	74.0	-12.5	1.86 V	74	58.6	2.9
2	5150.00	51.9 AV	54.0	-2.1	1.86 V	74	49.0	2.9
3	*5210.00	106.4 PK			1.86 V	74	66.1	40.3
4	*5210.00	97.5 AV			1.86 V	74	57.2	40.3
5	#10420.00	56.2 PK	68.2	-12.0	1.71 V	52	48.3	7.9
6	#10420.00	45.2 AV	54.0	-8.8	1.71 V	52	37.3	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 (HE80)	Channel	CH 155 : 5775 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	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	#5607.20	57.7 PK	68.2	-10.5	2.83 H	104	54.5	3.2
2	*5775.00	97.3 PK			2.83 H	104	55.8	41.5
3	*5775.00	87.7 AV			2.83 H	104	46.2	41.5
4	#5958.00	59.0 PK	68.2	-9.2	2.83 H	104	54.9	4.1
5	11550.00	56.4 PK	74.0	-17.6	1.86 H	213	47.2	9.2
6	11550.00	46.3 AV	54.0	-7.7	1.86 H	213	37.1	9.2

Antenna Polarity & Test Distance : Vertical at 3 m

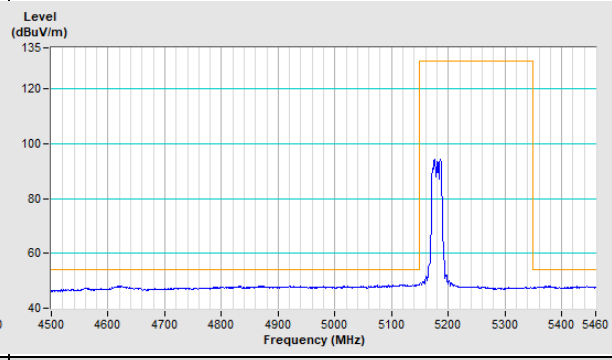
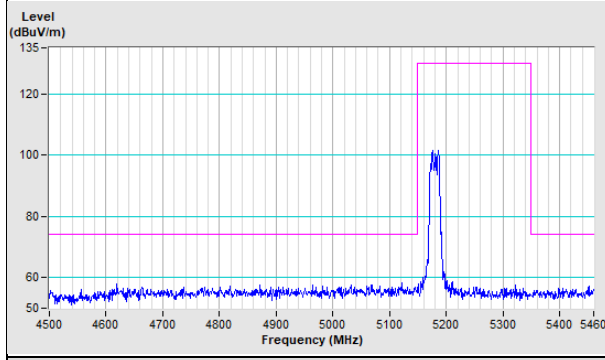
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5648.40	67.3 PK	68.2	-0.9	2.29 V	248	63.8	3.5
2	*5775.00	109.8 PK			2.29 V	248	68.3	41.5
3	*5775.00	100.0 AV			2.29 V	248	58.5	41.5
4	#5925.20	63.1 PK	68.2	-5.1	2.29 V	248	59.2	3.9
5	11550.00	57.3 PK	74.0	-16.7	2.34 V	165	48.1	9.2
6	11550.00	47.2 AV	54.0	-6.8	2.34 V	165	38.0	9.2

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.

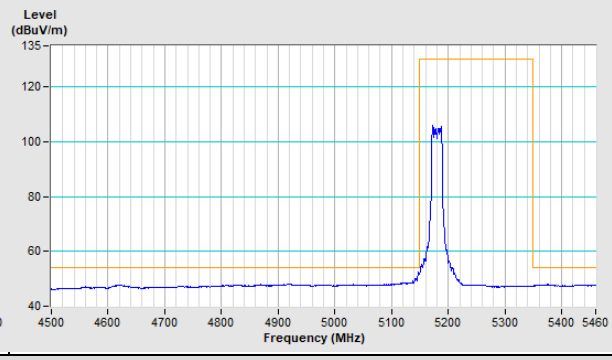
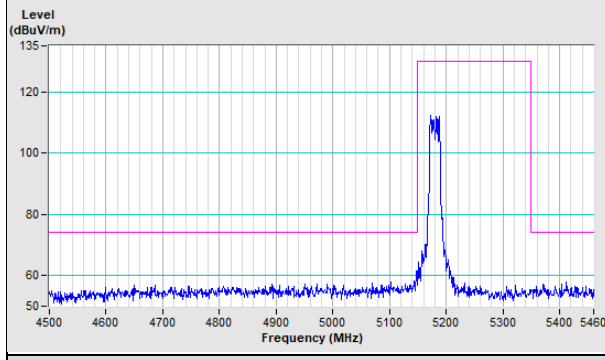
802.11a Channel 36

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



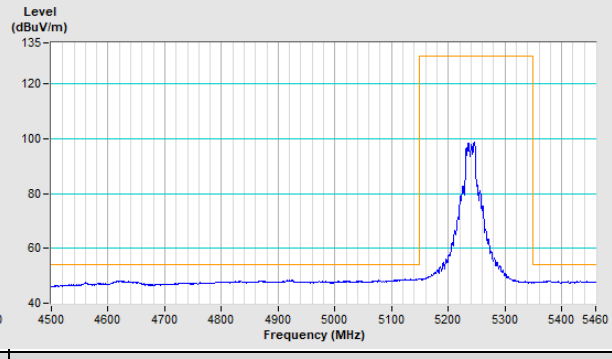
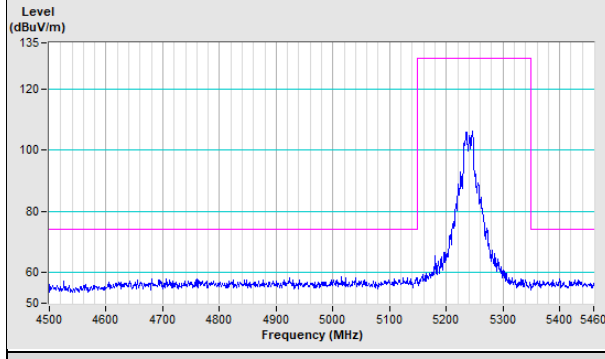
Vertical (Peak)

Vertical (Average)



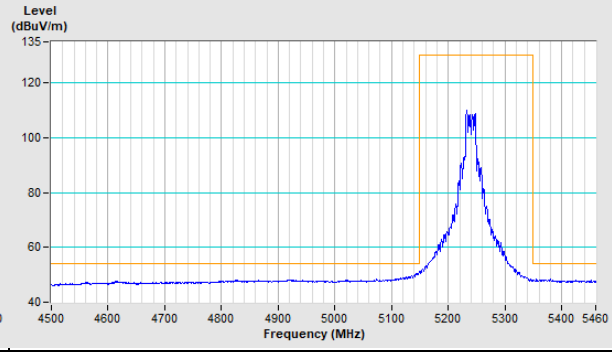
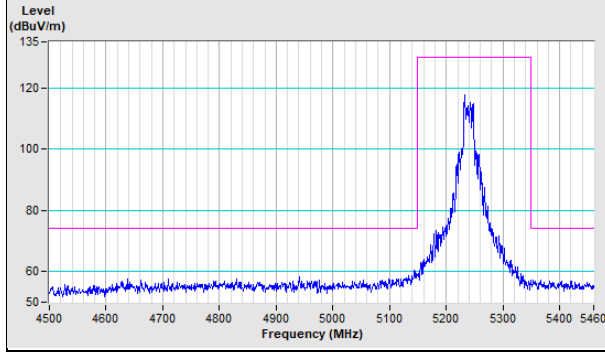
802.11a Channel 48

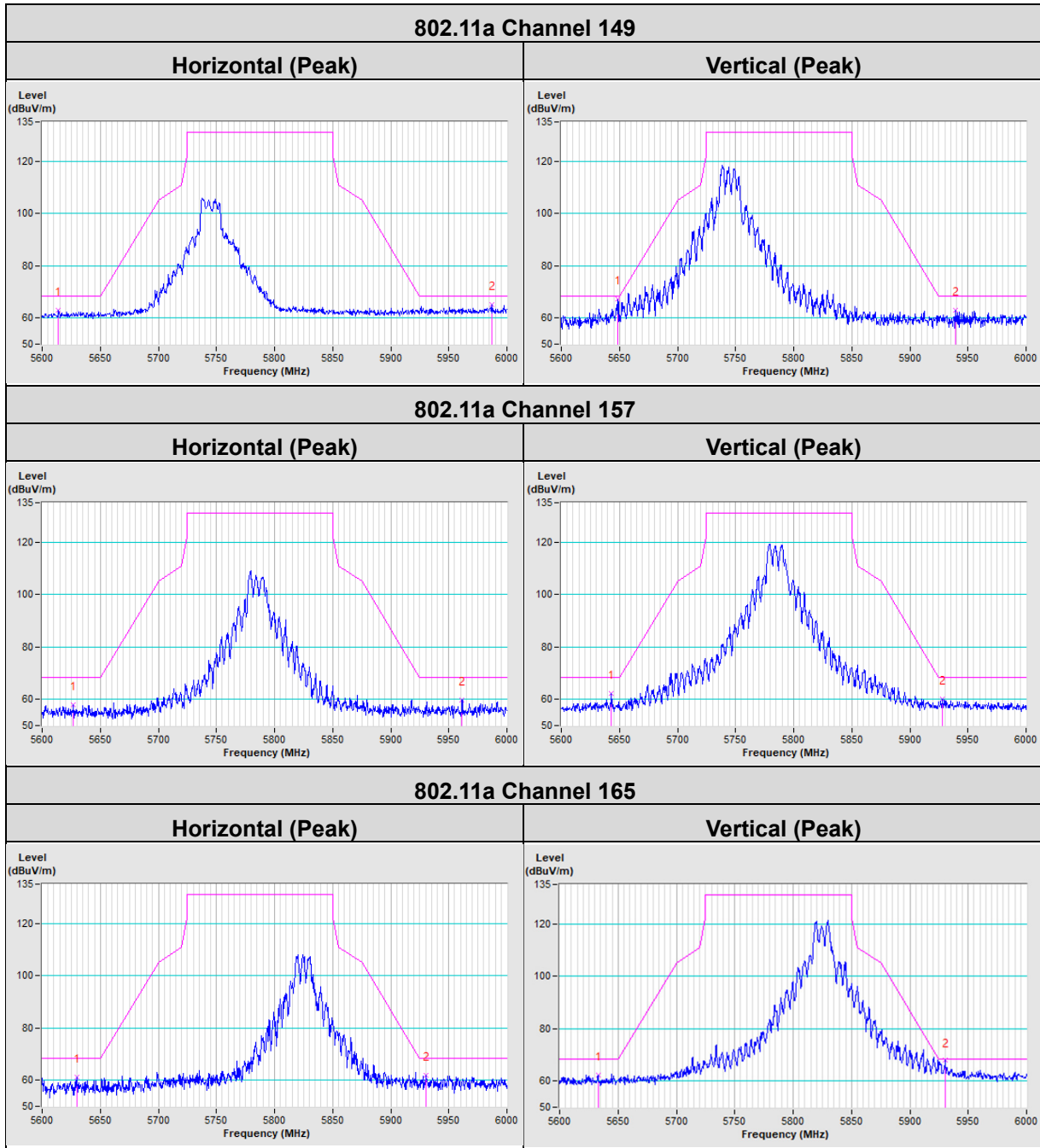
Horizontal (Peak) **Horizontal (Average)**



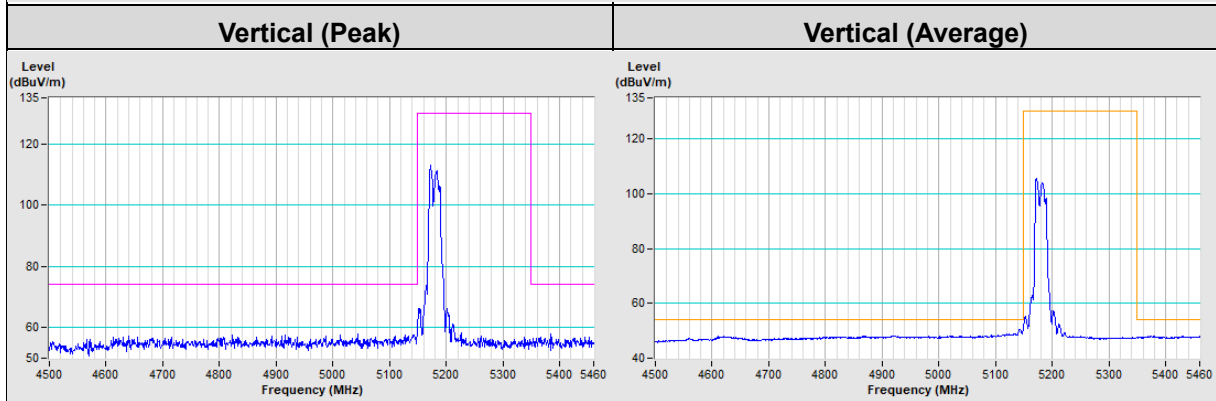
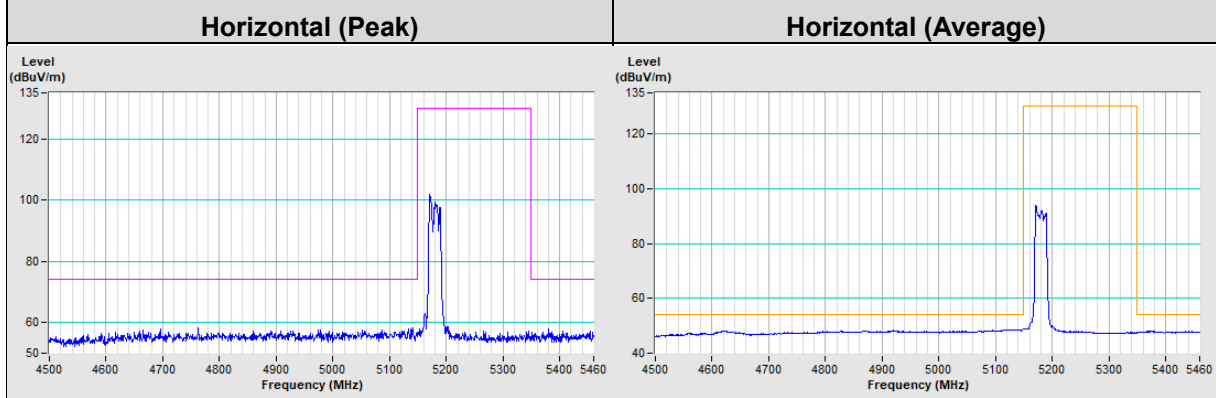
Vertical (Peak)

Vertical (Average)

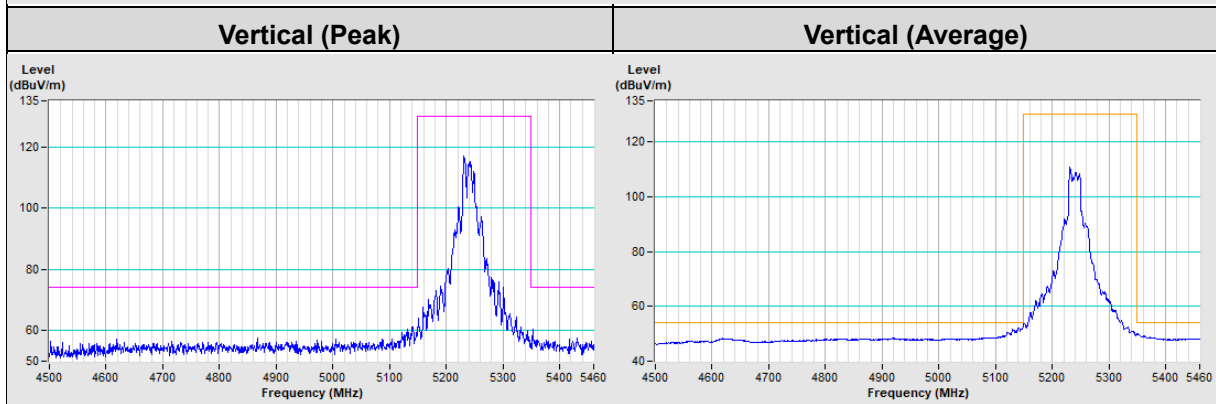
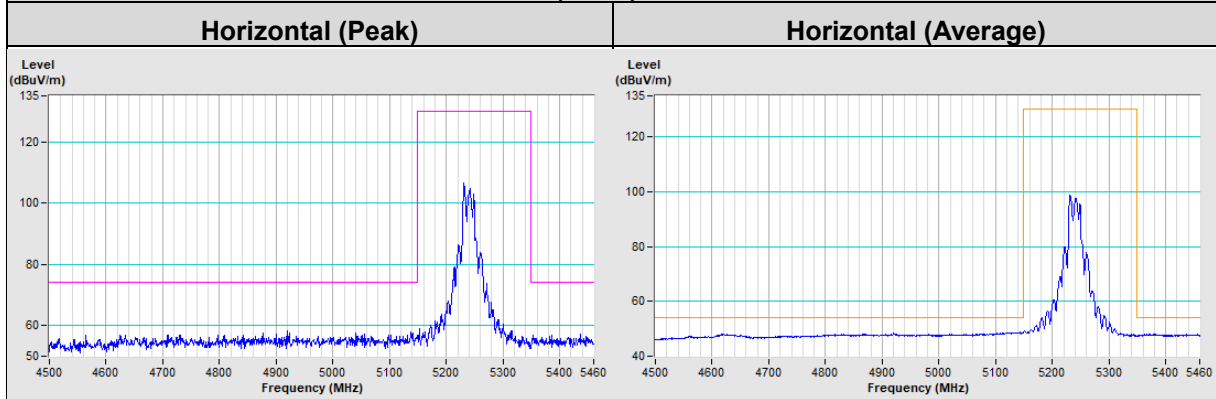


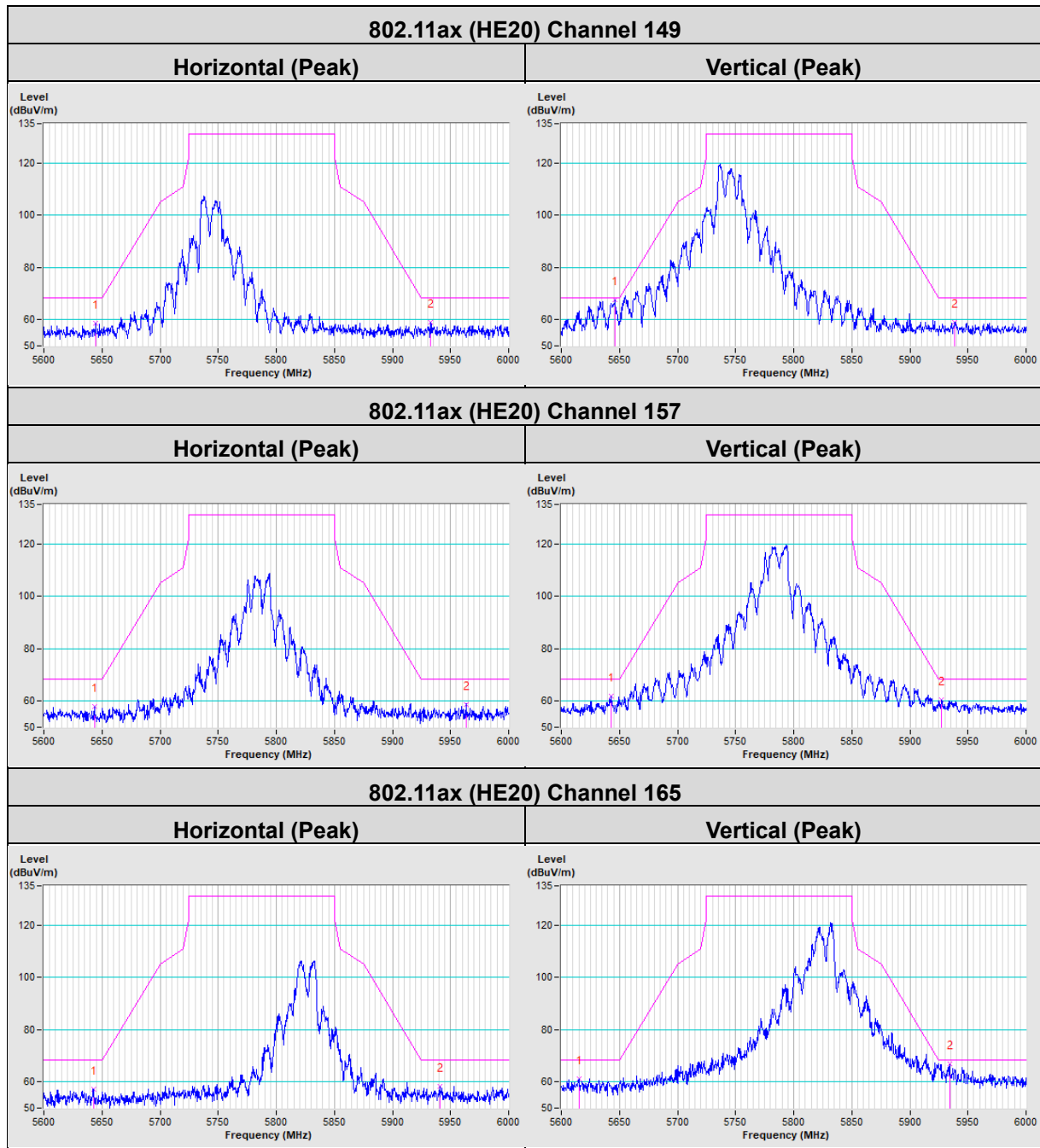


802.11ax (HE20) Channel 36



802.11ax (HE20) Channel 48

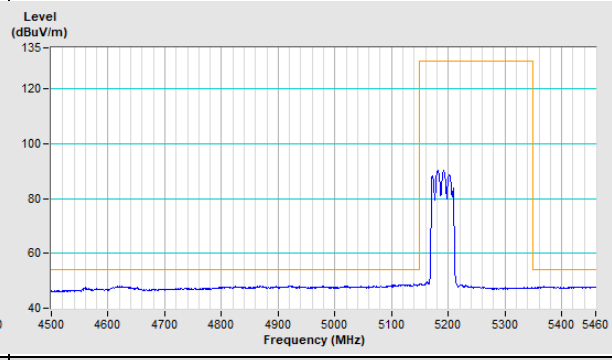
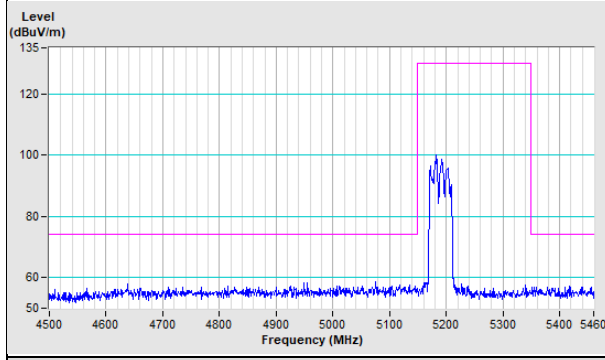






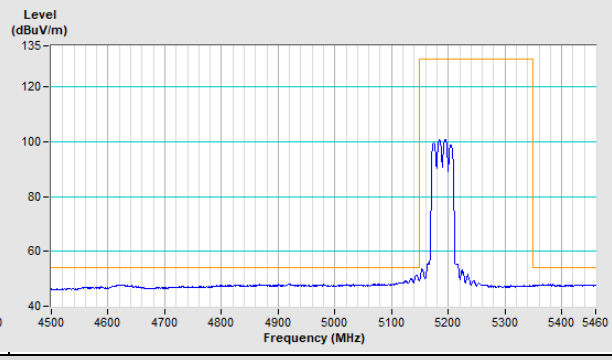
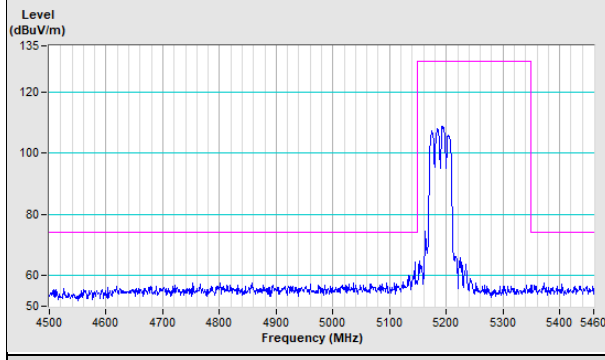
802.11ax (HE40) Channel 38

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



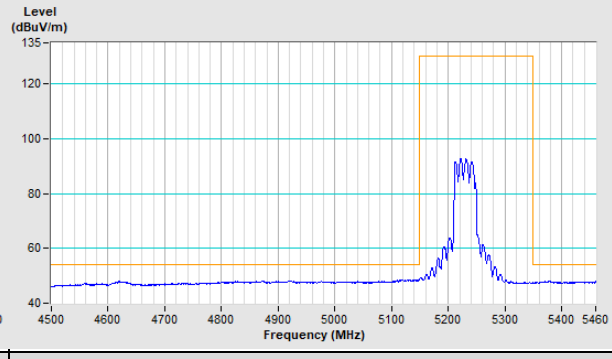
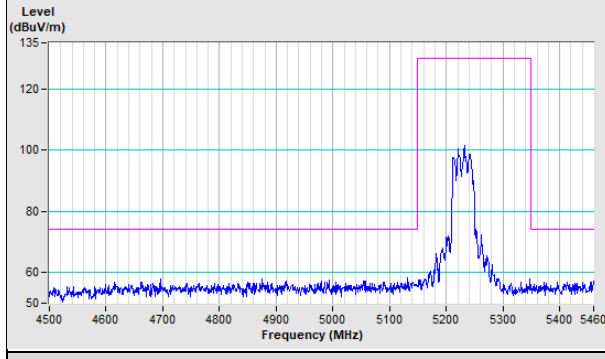
Vertical (Peak)

Vertical (Average)



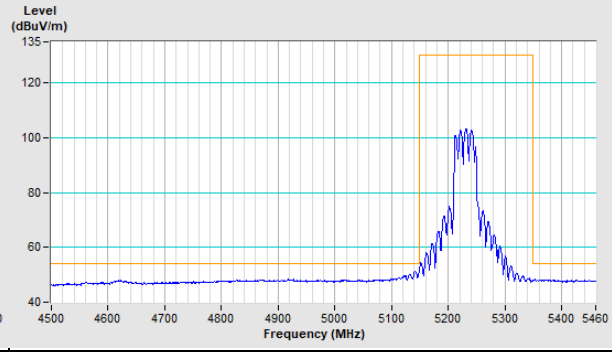
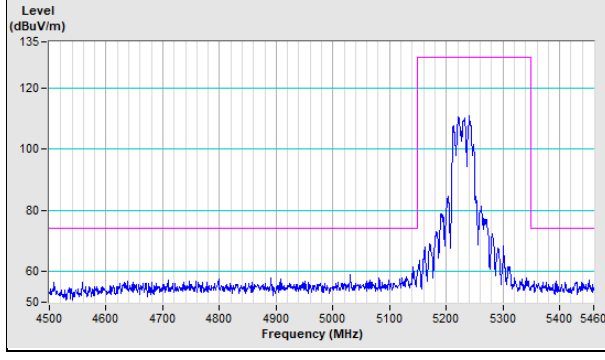
802.11ax (HE40) Channel 46

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

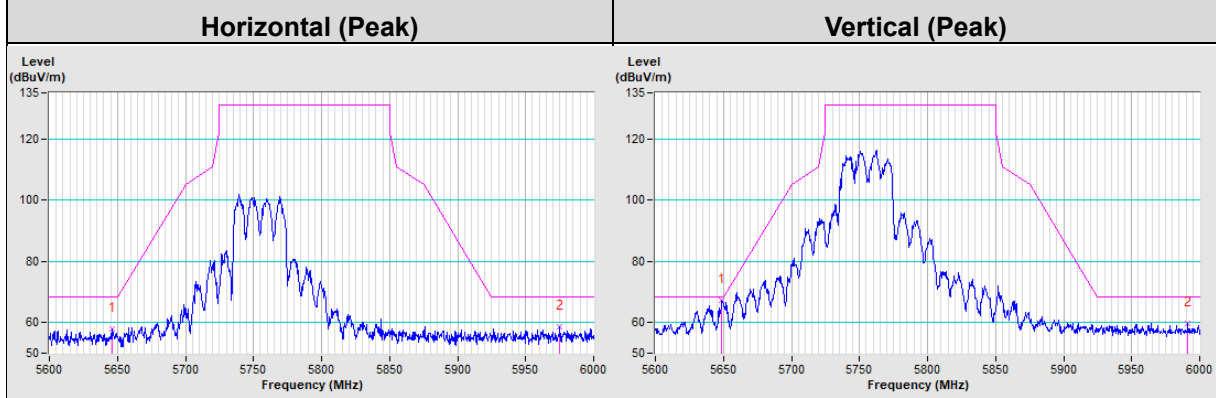


Vertical (Peak)

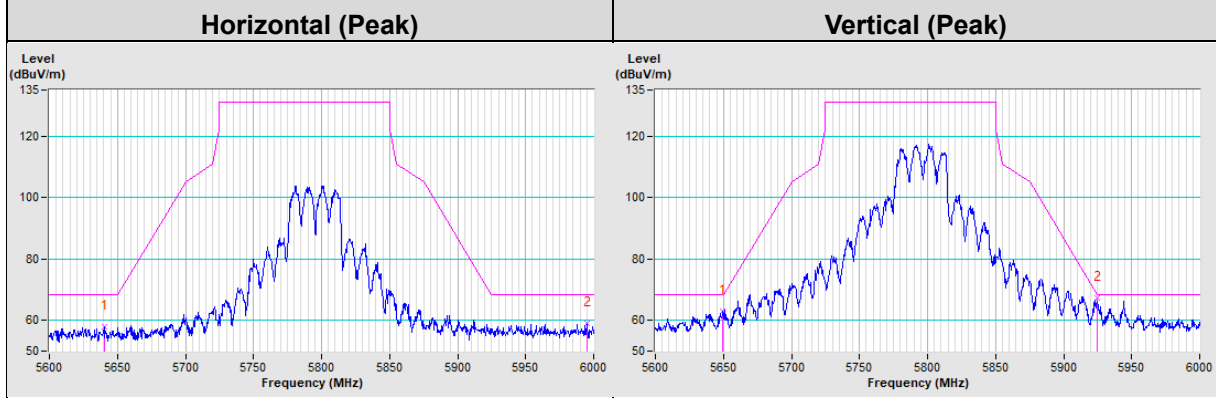
Vertical (Average)



802.11ax (HE40) Channel 151



802.11ax (HE40) Channel 159



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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Fax: 886-2-26051924

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Hwa Ya EMC/RF/Safety Lab

Tel: 886-3-3183232

Fax: 886-3-3270892

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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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