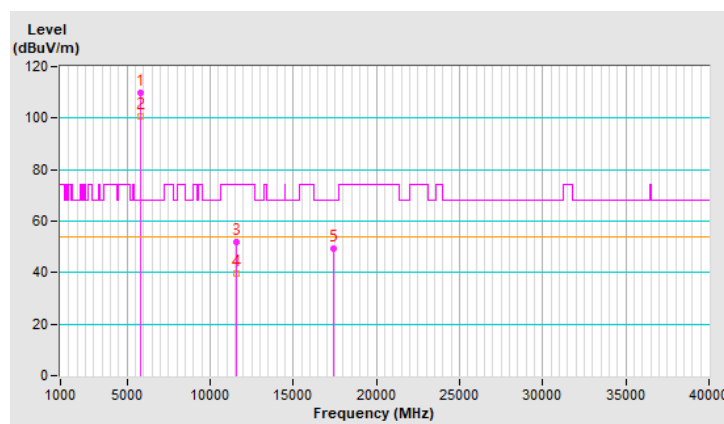


操作模式：	發射	基本波頻率：	OFDMA
量測頻率範圍：	CH 159 : 5795 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=300Hz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	*5795.00	109.9 PK			1.09 V	139	105.7	4.2
2	*5795.00	100.7 AV			1.09 V	139	96.5	4.2
3	11590.00	52.1 PK	74.0	-21.9	3.32 V	41	38.8	13.3
4	11590.00	39.7 AV	54.0	-14.3	3.32 V	41	26.4	13.3
5	#17385.00	49.3 PK	68.2	-18.9	3.15 V	171	31.6	17.7
6	#23180.00	-	-	-	-	-	-	-
7	#28975.00	-	-	-	-	-	-	-
8	#34770.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



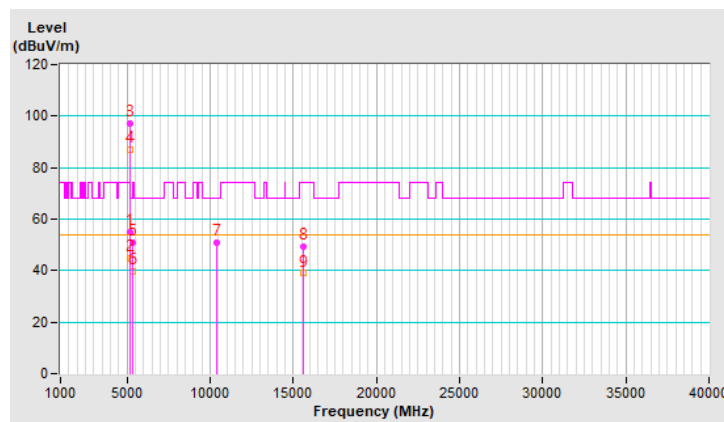
802.11ax (HE80)

操作模式：	發射	基本波頻率：	OFDMA
量測頻率範圍：	CH 42 : 5210 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	54.9 PK	74.0	-19.1	3.97 H	213	51.2	3.7
2	5150.00	45.0 AV	54.0	-9.0	3.97 H	213	41.3	3.7
3	*5210.00	97.1 PK			3.97 H	213	93.5	3.6
4	*5210.00	86.8 AV			3.97 H	213	83.2	3.6
5	5350.00	50.7 PK	74.0	-23.3	3.97 H	213	47.3	3.4
6	5350.00	39.5 AV	54.0	-14.5	3.97 H	213	36.1	3.4
7	#10420.00	51.0 PK	68.2	-17.2	1.12 H	153	38.2	12.8
8	15630.00	49.4 PK	74.0	-24.6	1.32 H	66	35.7	13.7
9	15630.00	38.9 AV	54.0	-15.1	1.32 H	66	25.2	13.7
10	20840.00	-	-	-	-	-	-	-
11	#26050.00	-	-	-	-	-	-	-
12	31260.00	-	-	-	-	-	-	-
13	36470.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

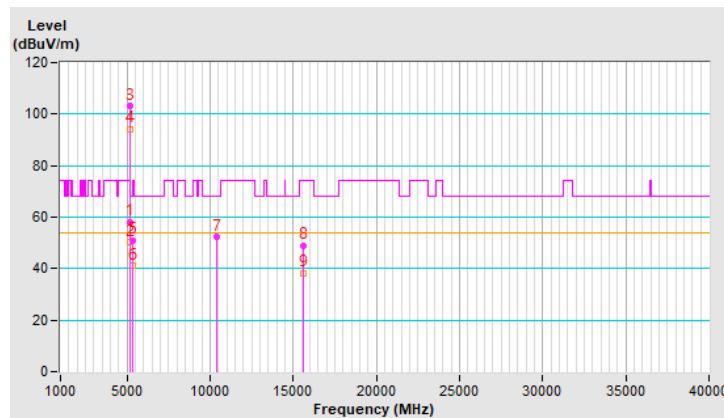


操作模式：	發射	基本波頻率：	OFDMA
量測頻率範圍：	CH 42：5210 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	58.2 PK	74.0	-15.8	1.13 V	125	54.5	3.7
2	5150.00	50.1 AV	54.0	-3.9	1.13 V	125	46.4	3.7
3	*5210.00	103.0 PK			1.13 V	125	99.4	3.6
4	*5210.00	93.9 AV			1.13 V	125	90.3	3.6
5	5350.00	51.1 PK	74.0	-22.9	1.13 V	125	47.7	3.4
6	5350.00	41.0 AV	54.0	-13.0	1.13 V	125	37.6	3.4
7	#10420.00	52.2 PK	68.2	-16.0	3.29 V	51	39.4	12.8
8	15630.00	49.0 PK	74.0	-25.0	3.19 V	176	35.3	13.7
9	15630.00	38.2 AV	54.0	-15.8	3.19 V	176	24.5	13.7
10	20840.00	-	-	-	-	-	-	-
11	#26050.00	-	-	-	-	-	-	-
12	31260.00	-	-	-	-	-	-	-
13	36470.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

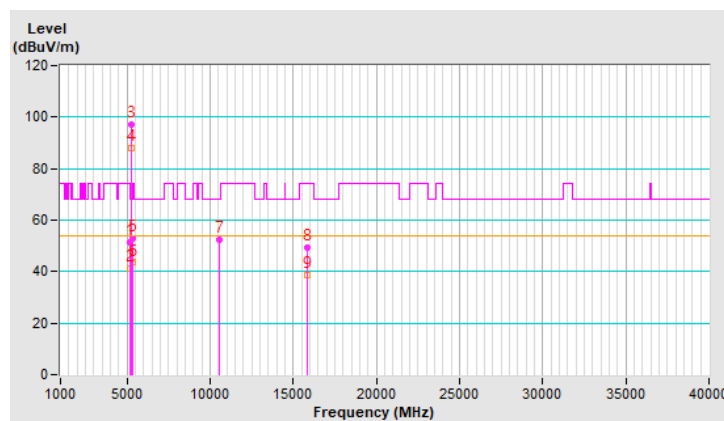


操作模式：	發射	基本波頻率：	OFDMA
量測頻率範圍：	CH 58：5290 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	51.3 PK	74.0	-22.7	3.89 H	214	47.6	3.7
2	5150.00	41.1 AV	54.0	-12.9	3.89 H	214	37.4	3.7
3	*5290.00	97.1 PK			3.89 H	214	93.8	3.3
4	*5290.00	87.8 AV			3.89 H	214	84.5	3.3
5	5350.00	53.0 PK	74.0	-21.0	3.89 H	214	49.6	3.4
6	5350.00	43.5 AV	54.0	-10.5	3.89 H	214	40.1	3.4
7	#10580.00	52.4 PK	68.2	-15.8	1.17 H	152	39.5	12.9
8	15870.00	49.4 PK	74.0	-24.6	1.34 H	66	36.5	12.9
9	15870.00	38.5 AV	54.0	-15.5	1.34 H	66	25.6	12.9
10	21160.00	-	-	-	-	-	-	-
11	#26450.00	-	-	-	-	-	-	-
12	31740.00	-	-	-	-	-	-	-
13	#37030.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

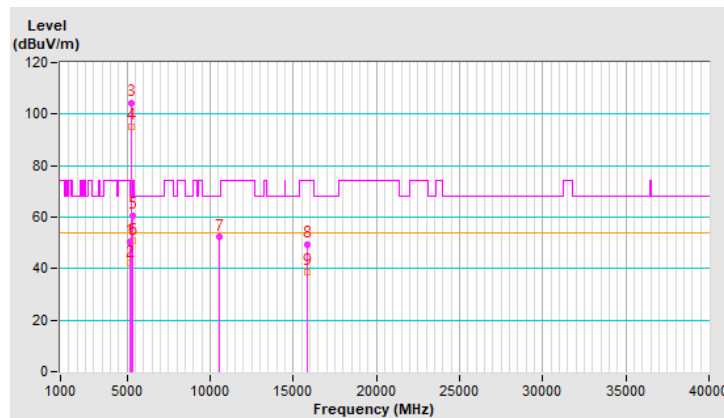


操作模式：	發射	基本波頻率：	OFDMA
量測頻率範圍：	CH 58 : 5290 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	50.5 PK	74.0	-23.5	1.21 V	162	46.8	3.7
2	5150.00	42.0 AV	54.0	-12.0	1.21 V	162	38.3	3.7
3	*5290.00	104.2 PK			1.21 V	162	100.9	3.3
4	*5290.00	95.1 AV			1.21 V	162	91.8	3.3
5	5350.00	60.5 PK	74.0	-13.5	1.21 V	162	57.1	3.4
6	5350.00	50.6 AV	54.0	-3.4	1.21 V	162	47.2	3.4
7	#10580.00	52.2 PK	68.2	-16.0	3.29 V	64	39.3	12.9
8	15870.00	49.3 PK	74.0	-24.7	3.18 V	189	36.4	12.9
9	15870.00	38.5 AV	54.0	-15.5	3.18 V	189	25.6	12.9
10	21160.00	-	-	-	-	-	-	-
11	#26450.00	-	-	-	-	-	-	-
12	31740.00	-	-	-	-	-	-	-
13	#37030.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

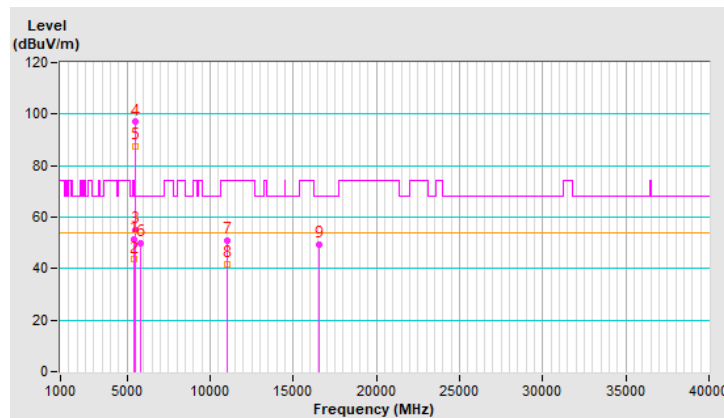


操作模式：	發射	基本波頻率：	OFDMA
量測頻率範圍：	CH 106 : 5530 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.6 PK	74.0	-22.4	1.00 H	138	47.8	3.8
2	5460.00	43.5 AV	54.0	-10.5	1.00 H	138	39.7	3.8
3	#5470.00	55.0 PK	68.2	-13.2	1.00 H	138	51.1	3.9
4	*5530.00	96.9 PK			1.00 H	138	93.1	3.8
5	*5530.00	87.7 AV			1.00 H	138	83.9	3.8
6	#5823.25	49.9 PK	68.2	-18.3	1.00 H	138	45.6	4.3
7	11060.00	50.7 PK	74.0	-23.3	1.22 H	149	37.8	12.9
8	11060.00	41.7 AV	54.0	-12.3	1.22 H	149	28.8	12.9
9	#16590.00	49.2 PK	68.2	-19.0	1.38 H	59	34.3	14.9
10	22120.00	-	-	-	-	-	-	-
11	#27650.00	-	-	-	-	-	-	-
12	#33180.00	-	-	-	-	-	-	-
13	38710.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

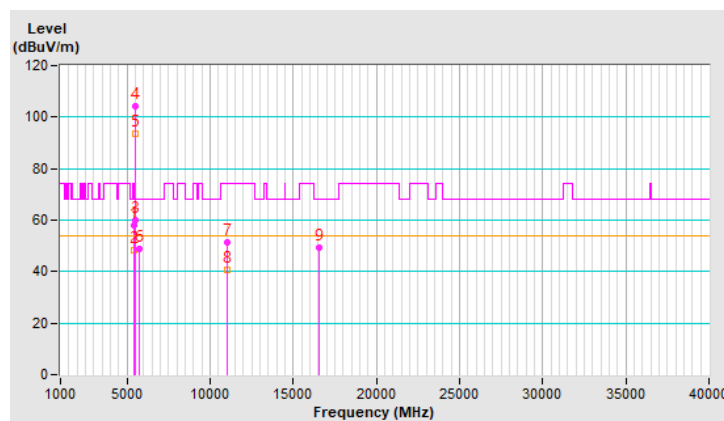


操作模式：	發射	基本波頻率：	OFDMA
量測頻率範圍：	CH 106 : 5530 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	5457.59	58.0 PK	74.0	-16.0	1.21 V	164	54.2	3.8
2	5457.59	48.4 AV	54.0	-5.6	1.21 V	164	44.6	3.8
3	#5470.00	60.1 PK	68.2	-8.1	1.21 V	164	56.2	3.9
4	*5530.00	104.2 PK			1.21 V	164	100.4	3.8
5	*5530.00	93.4 AV			1.21 V	164	89.6	3.8
6	#5725.00	48.8 PK	68.2	-19.4	1.21 V	164	44.8	4.0
7	11060.00	51.6 PK	74.0	-22.4	3.32 V	43	38.7	12.9
8	11060.00	40.8 AV	54.0	-13.2	3.32 V	43	27.9	12.9
9	#16590.00	49.4 PK	68.2	-18.8	3.17 V	191	34.5	14.9
10	22120.00	-	-	-	-	-	-	-
11	#27650.00	-	-	-	-	-	-	-
12	#33180.00	-	-	-	-	-	-	-
13	38710.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

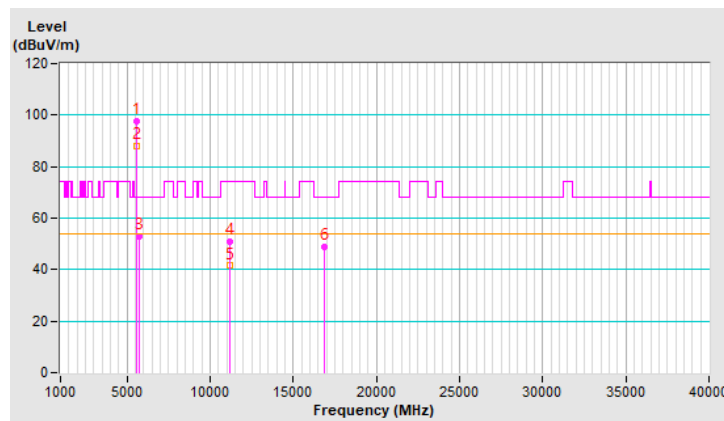


操作模式：	發射	基本波頻率：	OFDMA
量測頻率範圍：	CH 122 : 5610 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	97.8 PK			1.05 H	153	94.1	3.7
2	*5610.00	88.2 AV			1.05 H	153	84.5	3.7
3	#5725.00	52.8 PK	68.2	-15.4	1.05 H	153	48.8	4.0
4	11220.00	50.7 PK	74.0	-23.3	1.16 H	161	37.5	13.2
5	11220.00	41.5 AV	54.0	-12.5	1.16 H	161	28.3	13.2
6	#16830.00	49.0 PK	68.2	-19.2	1.30 H	70	32.9	16.1
7	22440.00	-	-	-	-	-	-	-
8	#28050.00	-	-	-	-	-	-	-
9	#33660.00	-	-	-	-	-	-	-
10	39270.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

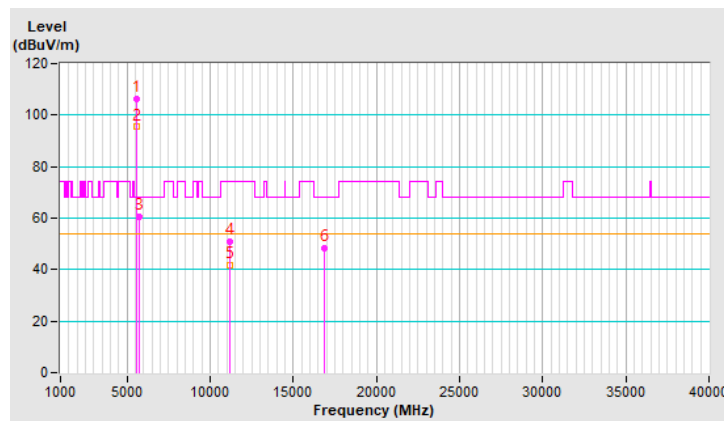


操作模式：	發射	基本波頻率：	OFDMA
量測頻率範圍：	CH 122 : 5610 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	106.2 PK			1.21 V	153	102.5	3.7
2	*5610.00	95.4 AV			1.21 V	153	91.7	3.7
3	#5725.00	60.6 PK	68.2	-7.6	1.21 V	153	56.6	4.0
4	11220.00	50.9 PK	74.0	-23.1	3.29 V	46	37.7	13.2
5	11220.00	41.7 AV	54.0	-12.3	3.29 V	46	28.5	13.2
6	#16830.00	48.3 PK	68.2	-19.9	3.16 V	174	32.2	16.1
7	22440.00	-	-	-	-	-	-	-
8	#28050.00	-	-	-	-	-	-	-
9	#33660.00	-	-	-	-	-	-	-
10	39270.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

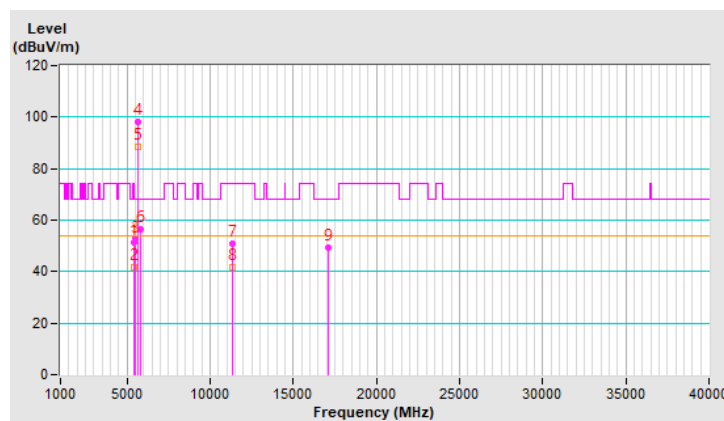


操作模式：	發射	基本波頻率：	OFDMA
量測頻率範圍：	CH 138 : 5690 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.5 PK	74.0	-22.5	1.10 H	167	47.7	3.8
2	5460.00	41.9 AV	54.0	-12.1	1.10 H	167	38.1	3.8
3	#5470.00	52.7 PK	68.2	-15.5	1.10 H	167	48.8	3.9
4	*5690.00	98.3 PK			1.10 H	167	94.3	4.0
5	*5690.00	88.7 AV			1.10 H	167	84.7	4.0
6	#5850.00	56.5 PK	68.2	-11.7	1.10 H	167	52.1	4.4
7	11380.00	50.9 PK	74.0	-23.1	1.17 H	158	37.7	13.2
8	11380.00	41.8 AV	54.0	-12.2	1.17 H	158	28.6	13.2
9	#17070.00	49.4 PK	68.2	-18.8	1.29 H	78	32.4	17.0
10	22760.00	-	-	-	-	-	-	-
11	#28450.00	-	-	-	-	-	-	-
12	#34140.00	-	-	-	-	-	-	-
13	39830.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

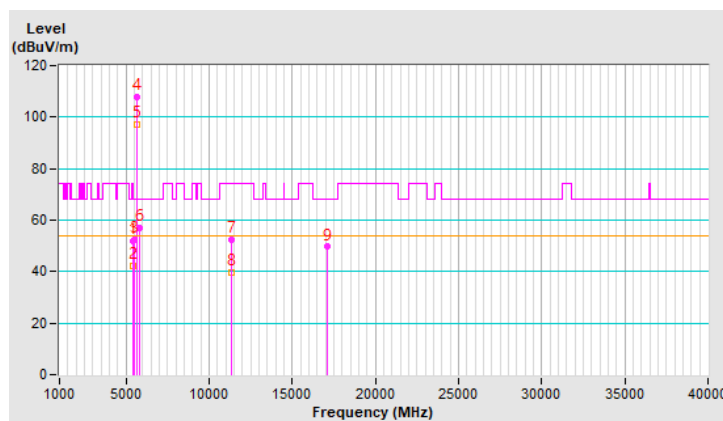


操作模式：	發射	基本波頻率：	OFDMA
量測頻率範圍：	CH 138 : 5690 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	52.1 PK	74.0	-21.9	1.22 V	56	48.3	3.8
2	5460.00	42.3 AV	54.0	-11.7	1.22 V	56	38.5	3.8
3	#5470.00	52.5 PK	68.2	-15.7	1.22 V	56	48.6	3.9
4	*5690.00	107.9 PK			1.22 V	56	103.9	4.0
5	*5690.00	97.2 AV			1.22 V	56	93.2	4.0
6	#5850.00	57.2 PK	68.2	-11.0	1.22 V	56	52.8	4.4
7	11380.00	52.4 PK	74.0	-21.6	3.40 V	54	39.2	13.2
8	11380.00	39.8 AV	54.0	-14.2	3.40 V	54	26.6	13.2
9	#17070.00	49.6 PK	68.2	-18.6	3.14 V	195	32.6	17.0
10	22760.00	-	-	-	-	-	-	-
11	#28450.00	-	-	-	-	-	-	-
12	#34140.00	-	-	-	-	-	-	-
13	39830.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

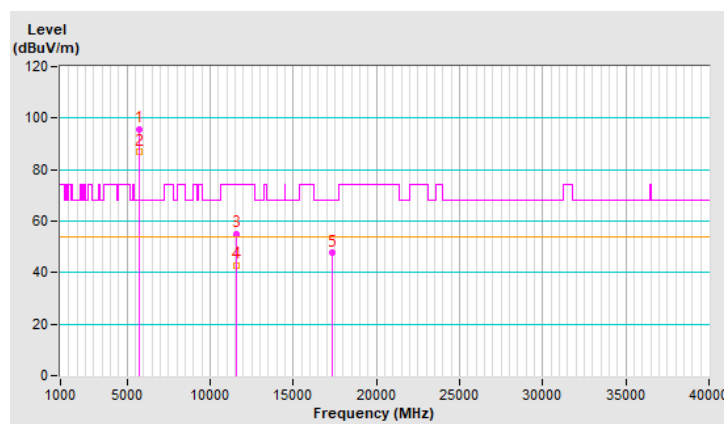


操作模式：	發射	基本波頻率：	OFDMA
量測頻率範圍：	CH 155 : 5775 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	*5775.00	95.8 PK			1.02 H	145	91.7	4.1
2	*5775.00	86.7 AV			1.02 H	145	82.6	4.1
3	11550.00	54.9 PK	74.0	-19.1	1.19 H	101	41.7	13.2
4	11550.00	42.8 AV	54.0	-11.2	1.19 H	101	29.6	13.2
5	#17325.00	47.6 PK	68.2	-20.6	1.29 H	91	30.0	17.6
6	23100.00	-	-	-	-	-	-	-
7	#28875.00	-	-	-	-	-	-	-
8	#34650.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.

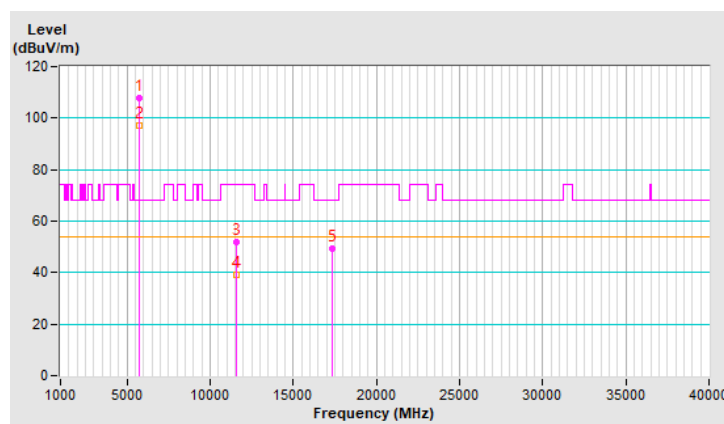


操作模式：	發射	基本波頻率：	OFDMA
量測頻率範圍：	CH 155 : 5775 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	彭瀚淳

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	*5775.00	107.8 PK			1.25 V	40	103.7	4.1
2	*5775.00	97.3 AV			1.25 V	40	93.2	4.1
3	11550.00	51.7 PK	74.0	-22.3	3.37 V	45	38.5	13.2
4	11550.00	39.4 AV	54.0	-14.6	3.37 V	45	26.2	13.2
5	#17325.00	49.5 PK	68.2	-18.7	3.16 V	186	31.9	17.6
6	23100.00	-	-	-	-	-	-	-
7	#28875.00	-	-	-	-	-	-	-
8	#34650.00	-	-	-	-	-	-	-

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 (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the output power.



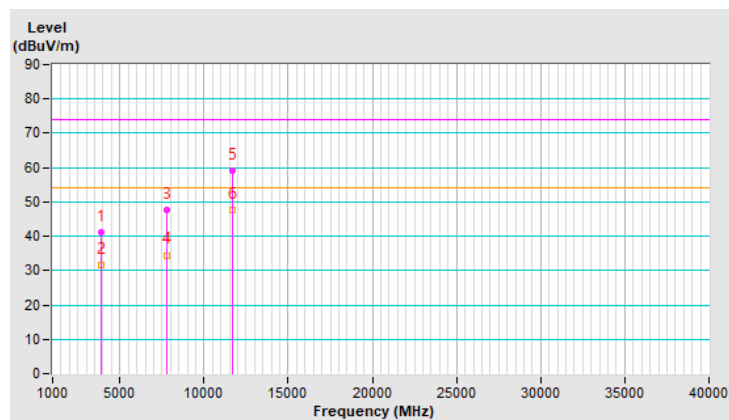
9.7.2 接收諧波

操作模式：	接收		
基本波頻率：	CH 165 : 5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	楊立豪

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	3883.33	41.2 PK	74.0	-32.8	1.65 H	84	40.3	0.9
2	3883.33	31.6 AV	54.0	-22.4	1.65 H	84	30.7	0.9
3	7766.67	47.7 PK	74.0	-26.3	1.27 H	262	38.9	8.8
4	7766.67	34.5 AV	54.0	-19.5	1.27 H	262	25.7	8.8
5	11650.00	59.2 PK	74.0	-14.8	1.49 H	191	45.9	13.3
6	11650.00	47.7 AV	54.0	-6.3	1.49 H	191	34.4	13.3

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.

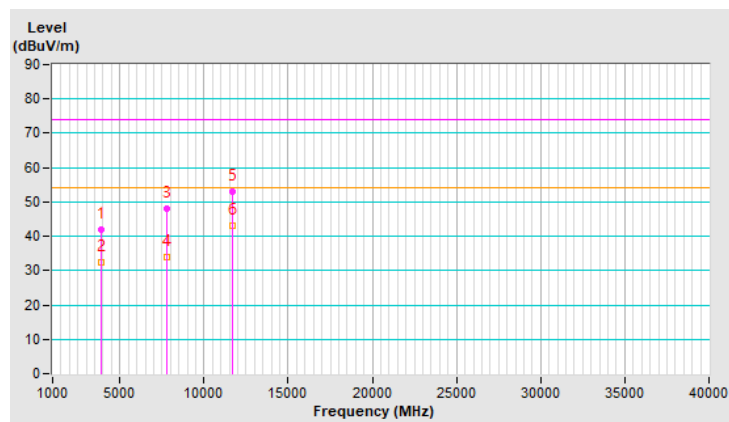


操作模式：	接收		
基本波頻率：	CH 165 : 5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	23°C	量測場地濕度：	67%RH
測試日期：	109 年 9 月 20 日	測試者：	楊立豪

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	3883.33	42.0 PK	74.0	-32.0	1.53 V	157	41.1	0.9
2	3883.33	32.4 AV	54.0	-21.6	1.53 V	157	31.5	0.9
3	7766.67	47.9 PK	74.0	-26.1	2.87 V	241	39.1	8.8
4	7766.67	34.0 AV	54.0	-20.0	2.87 V	241	25.2	8.8
5	11650.00	52.9 PK	74.0	-21.1	1.58 V	93	39.6	13.3
6	11650.00	43.2 AV	54.0	-10.8	1.58 V	93	29.9	13.3

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.



9.7.3 其它不必要之訊號

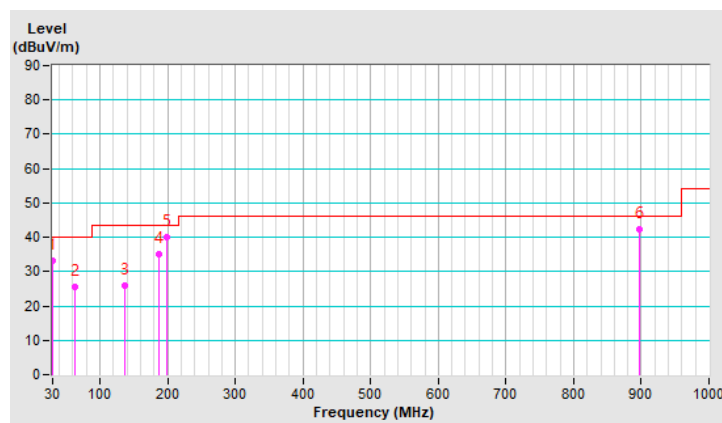
802.11a

操作模式：	發射接收	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(QP) RB=120kHz
量測場地溫度：	24℃	量測場地濕度：	68%RH
測試日期：	109 年 9 月 16 日	測試者：	楊立豪

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	30.61	33.0 QP	40.0	-7.0	3.00 H	128	41.9	-8.9
2	62.96	25.5 QP	40.0	-14.5	1.00 H	137	34.1	-8.6
3	136.80	25.9 QP	43.5	-17.6	1.50 H	175	33.5	-7.6
4	186.17	34.9 QP	43.5	-8.6	1.50 H	180	43.9	-9.0
5	199.56	40.0 QP	43.5	-3.5	1.00 H	191	50.1	-10.1
6	897.98	42.2 QP	46.0	-3.8	1.50 H	271	34.9	7.3

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 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

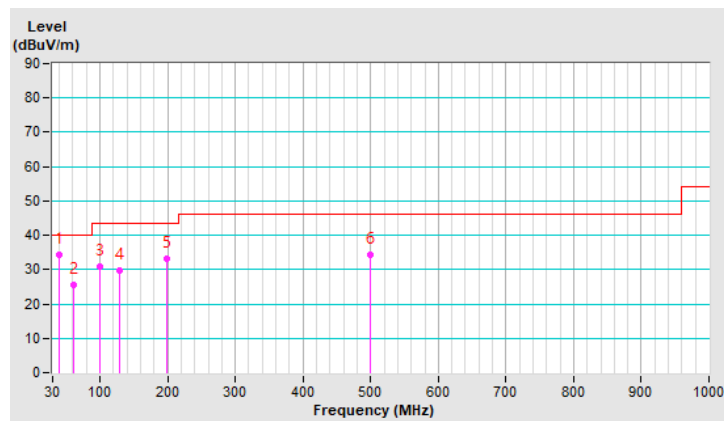


操作模式：	發射接收	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(QP) RB=120kHz
量測場地溫度：	24℃	量測場地濕度：	68%RH
測試日期：	109 年 9 月 16 日	測試者：	楊立豪

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	39.99	34.3 QP	40.0	-5.7	1.00 V	300	42.5	-8.2
2	60.80	25.5 QP	40.0	-14.5	1.50 V	215	33.8	-8.3
3	99.60	30.7 QP	43.5	-12.8	1.00 V	195	42.5	-11.8
4	129.33	29.6 QP	43.5	-13.9	1.00 V	143	37.8	-8.2
5	199.58	33.1 QP	43.5	-10.4	2.00 V	250	43.2	-10.1
6	498.92	34.4 QP	46.0	-11.6	1.00 V	269	34.8	-0.4

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 of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



9.8 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

9.9 輻射量測之配置照片

請參照 Test Setup Photos (BV 報告編號: 200814E08)

10 電源線傳導干擾之量測

10.1 適用標準

請見本報告 3.1 節第 1 項的規定。

10.2 量測方法

將待測物置於 0.8 米高的非金屬桌面，使其操作在工作狀態，待測物電源線接至電源線阻抗穩定網路上，從測試接收機記錄頻率由 0.15 MHz 至 30 MHz 之間之電源線傳導放射強度。

10.3 量測儀器

同 5.3 節

10.4 測試配置

同 5.4 節

10.5 干擾值之計算

餘裕度 Margin(dB)= 結果值 Emission level (dBuV)-限制值 Limit value (dBuV)

電源傳導干擾電壓之計算公式如下

結果值 Emission level (dBuV)=校正因子 Correction Factor (dB)+儀器讀值 Reading value (dBuV)

其中校正因子 Correction Factor (dB)為：

饋線損失+電源阻抗模擬網路損失

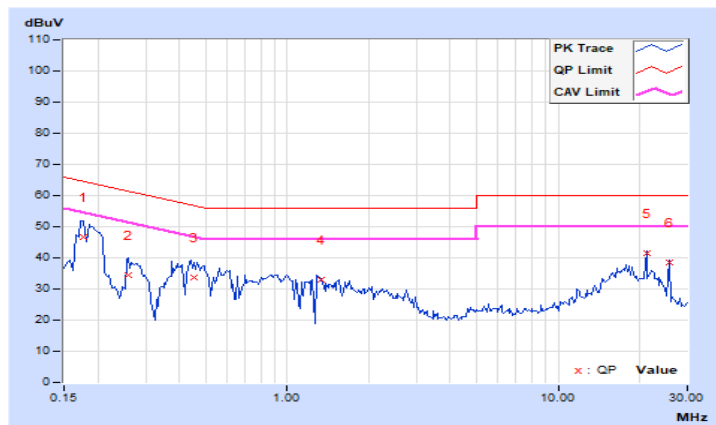
10.6 量測結果

操作模式	發射	測試日期	109 年 09 月 18 日
基本波頻率	CH 165: 5825MHz	量測場地溫度	25°C
調變技術	OFDM	量測場地濕度	68%RH
測試者	楊立豪		

		6 dB Bandwidth: 9kHz				PHASE: LINE (L)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.17759	9.92	36.71	12.33	46.63	22.25	64.60	54.60	-17.97	-32.35
0.26001	9.94	24.39	1.18	34.33	11.12	61.43	51.43	-27.10	-40.31
0.45315	9.95	23.82	5.11	33.77	15.06	56.82	46.82	-23.05	-31.76
1.33894	10.00	23.14	6.66	33.14	16.66	56.00	46.00	-22.86	-29.34
21.16807	11.05	30.27	29.42	41.32	40.47	60.00	50.00	-18.68	-9.53
25.87266	11.18	27.26	27.11	38.44	38.29	60.00	50.00	-21.56	-11.71

NOTE:

- 1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
- 2.The emission levels of other frequencies were very low against the limit.
- 3.Margin value = Emission level - Limit value
- 4.Correction factor = Insertion loss + Cable loss
- 5.Emission Level = Correction Factor + Reading Value.

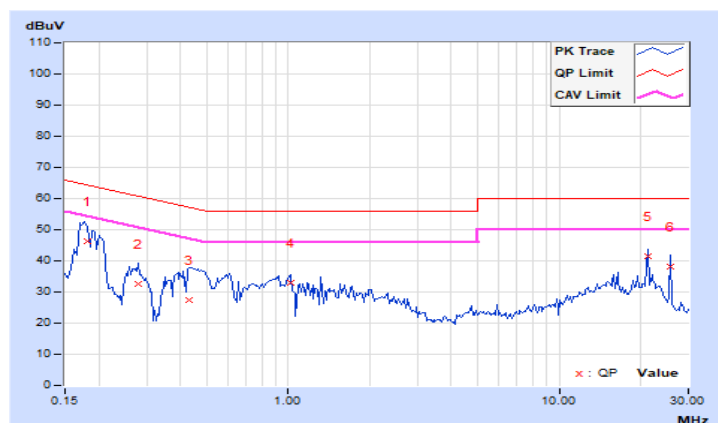


操作模式	發射	測試日期	109 年 09 月 18 日
基本波頻率	CH 165: 5825MHz	量測場地溫度	25°C
調變技術	OFDM	量測場地濕度	68%RH
測試者	楊立豪		

		6 dB Bandwidth: 9kHz				PHASE: NEUTRAL (N)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.18219	9.92	36.33	12.76	46.25	22.68	64.39	54.39	-18.14	-31.71
0.27913	9.94	22.65	2.91	32.59	12.85	60.84	50.84	-28.25	-37.99
0.43154	9.95	17.52	-1.05	27.47	8.90	57.22	47.22	-29.75	-38.32
1.02364	9.99	23.15	9.86	33.14	19.85	56.00	46.00	-22.86	-26.15
21.16807	10.78	30.66	30.11	41.44	40.89	60.00	50.00	-18.56	-9.11
25.87124	10.86	27.33	27.26	38.19	38.12	60.00	50.00	-21.81	-11.88

NOTE:

- 1.Q.P. and AV. are abbreviations of quasi-peak and average individually.
- 2.The emission levels of other frequencies were very low against the limit.
- 3.Margin value = Emission level - Limit value
- 4.Correction factor = Insertion loss + Cable loss
- 5.Emission Level = Correction Factor + Reading Value.



10.7 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

10.8 配置照片

請參照 Test Setup Photos (BV 報告編號: 200814E08)

11 傳導輸出功率量測及發射頻寬之要求

11.1 適用標準

待測物操作頻帶	適用標準
☒ 5.15 GHz~5.25 GHz	請見本報告 3.1 節第 6 項(II)及 4 項(II)的規定
☒ 5.25 GHz~5.35 GHz	請見本報告 3.1 節第 6 項(III)及 4 項(III)的規定
☒ 5.470 GHz~5.725 GHz	請見本報告 3.1 節第 6 項(III)及 4 項(III)的規定
☒ 5.725 GHz~5.850 GHz	請見本報告 3.1 節第 6 項(IV)及 4 項(IV)的規定

11.2 量測方法

傳導輸出功率量測方法:

- 將待測物輸出經由衰減器接到功率計上。
- 設定待測物處於連續發射狀態。
- 計算其最大傳導輸出功率。

發射頻寬量測方法:

- 將待測物輸出經由衰減器接到頻譜分析儀上。
- 設定待測物處於連續發射狀態。
- 最大輸出功率峰值減 26dB 的最大頻率範圍。

11.3 量測儀器

峰值傳導輸出功率量測儀器:同 7.3 節

發射頻寬之量測儀器: 同 6.3 節

11.4 測試配置

峰值傳導輸出功率測試配置:同 7.4 節

發射頻寬之測試配置: 同 6.4 節

11.5 峰值傳導輸出功率之量測結果

操作模式	發射	測試日期	109 年 09 月 28 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	柯其宗		

POWER OUTPUT

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	15.13	15.32	66.624	18.24	24.00	Pass
40	5200	17.21	16.84	100.908	20.04	24.00	Pass
48	5240	18.72	18.41	143.816	21.58	24.00	Pass
52	5260	18.91	18.42	147.306	21.68	24.00	Pass
60	5300	18.27	19.07	147.866	21.70	24.00	Pass
64	5320	15.54	16.13	76.83	18.86	24.00	Pass
100	5500	17.44	16.29	98.022	19.91	24.00	Pass
116	5580	18.98	18.89	156.514	21.95	24.00	Pass
140	5700	18.04	17.47	119.527	20.77	24.00	Pass
*144 (U-NII-2C Band)	5720	16.35	16.33	86.106	19.35	23.43	Pass
*144 (U-NII-3 Band)	5720	9.25	9.19	16.712	12.23	30.00	Pass
149	5745	20.02	19.43	188.162	22.75	30.00	Pass
157	5785	19.99	19.59	190.761	22.80	30.00	Pass
165	5825	20.11	19.57	193.138	22.86	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	25.1	24.99 > 24
60	5300	25	24.97 > 24
64	5320	26.56	25.24 > 24
100	5500	26.48	25.22 > 24
116	5580	24.42	24.87 > 24
140	5700	25.95	25.14 > 24
144 (U-NII-2C Band)	5720	17.5	23.43 < 24

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	15.71	15.96	76.685	18.85	24.00	Pass
40	5200	17.01	16.79	97.987	19.91	24.00	Pass
48	5240	18.04	17.82	124.214	20.94	24.00	Pass
52	5260	18.58	18.21	138.332	21.41	24.00	Pass
60	5300	17.91	17.42	117.009	20.68	24.00	Pass
64	5320	15.66	15.39	71.407	18.54	24.00	Pass
100	5500	17.14	16.24	93.833	19.72	24.00	Pass
116	5580	18.69	18.45	143.945	21.58	24.00	Pass
140	5700	17.71	17.06	109.836	20.41	24.00	Pass
*144 (U-NII-2C Band)	5720	15.44	15.44	78.812	18.97	23.11	Pass
*144 (U-NII-3 Band)	5720	9.36	9.32	19.346	12.87	30.00	Pass
149	5745	18.69	18.22	140.335	21.47	30.00	Pass
157	5785	18.66	18.18	139.217	21.44	30.00	Pass
165	5825	18.71	18.41	143.644	21.57	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	22.55	24.53 > 24
60	5300	22.16	24.45 > 24
64	5320	22.98	24.61 > 24
100	5500	22.57	24.53 > 24
116	5580	22.67	24.55 > 24
140	5700	23.15	24.64 > 24
144 (U-NII-2C Band)	5720	16.26	23.11 < 24

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	14.88	15.13	63.345	18.02	24.00	Pass
46	5230	17.59	17.28	110.868	20.45	24.00	Pass
54	5270	18.06	17.17	116.093	20.65	24.00	Pass
62	5310	15.05	15.28	65.718	18.18	24.00	Pass
102	5510	16.93	16.29	91.877	19.63	24.00	Pass
110	5550	17.91	17.31	115.629	20.63	24.00	Pass
134	5670	17.63	17.15	109.823	20.41	24.00	Pass
*142 (U-NII-2C Band)	5710	15.31	15.34	80.874	19.08	24.00	Pass
*142 (U-NII-3 Band)	5710	3.56	3.53	5.368	7.30	30.00	Pass
151	5755	17.68	17.24	111.58	20.48	30.00	Pass
159	5795	17.75	17.42	114.774	20.60	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	40.97	27.12 > 24
62	5310	41.12	27.14 > 24
102	5510	41.1	27.13 > 24
110	5550	41.14	27.14 > 24
134	5670	41.18	27.14 > 24
142 (U-NII-2C Band)	5710	35.66	26.52 > 24

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	13.48	13.69	45.673	16.60	24.00	Pass
58	5290	14.43	14.25	54.34	17.35	24.00	Pass
106	5530	15.19	14.59	61.811	17.91	24.00	Pass
122	5610	15.26	16.98	83.462	19.21	24.00	Pass
*138 (U-NII-2C Band)	5690	14.10	14.42	73.598	18.67	24.00	Pass
*138 (U-NII-3 Band)	5690	-1.16	-1.01	2.1485	3.32	30.00	Pass
155	5775	16.61	16.33	88.768	19.48	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	81.33	30.1 > 24
106	5530	81.43	30.1 > 24
122	5610	81.48	30.11 > 24
138 (U-NII-2C Band)	5690	75.99	29.8 > 24

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	15.92	16.19	80.675	19.07	24.00	Pass
40	5200	17.23	16.98	102.733	20.12	24.00	Pass
48	5240	18.26	17.95	129.362	21.12	24.00	Pass
52	5260	18.79	18.54	147.133	21.68	24.00	Pass
60	5300	18.07	17.63	122.064	20.87	24.00	Pass
64	5320	15.88	15.63	75.285	18.77	24.00	Pass
100	5500	17.35	16.47	98.686	19.94	24.00	Pass
116	5580	18.92	18.68	151.773	21.81	24.00	Pass
140	5700	17.95	17.31	116.2	20.65	24.00	Pass
*144 (U-NII-2C Band)	5720	16.36	15.91	92.613	19.67	23.11	Pass
*144 (U-NII-3 Band)	5720	10.28	9.78	22.715	13.56	30.00	Pass
149	5745	18.92	18.52	149.104	21.73	30.00	Pass
157	5785	18.89	18.43	147.109	21.68	30.00	Pass
165	5825	18.94	18.64	151.457	21.80	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	22.55	24.53 > 24
60	5300	22.16	24.45 > 24
64	5320	22.98	24.61 > 24
100	5500	22.57	24.53 > 24
116	5580	22.67	24.55 > 24
140	5700	23.15	24.64 > 24
144 (U-NII-2C Band)	5720	16.26	23.11 < 24

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	15.05	15.31	65.951	18.19	24.00	Pass
46	5230	17.78	17.52	116.473	20.66	24.00	Pass
54	5270	18.29	17.38	122.154	20.87	24.00	Pass
62	5310	15.23	15.49	68.742	18.37	24.00	Pass
102	5510	17.12	16.54	96.605	19.85	24.00	Pass
110	5550	18.09	17.53	121.041	20.83	24.00	Pass
134	5670	17.82	17.33	114.61	20.59	24.00	Pass
*142 (U-NII-2C Band)	5710	15.87	15.80	90.954	19.59	24.00	Pass
*142 (U-NII-3 Band)	5710	4.04	3.99	5.982	7.77	30.00	Pass
151	5755	17.89	17.53	118.142	20.72	30.00	Pass
159	5795	17.93	17.61	119.764	20.78	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	40.97	27.12 > 24
62	5310	41.12	27.14 > 24
102	5510	41.1	27.13 > 24
110	5550	41.14	27.14 > 24
134	5670	41.18	27.14 > 24
142 (U-NII-2C Band)	5710	35.66	26.52 > 24

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	13.70	13.91	48.046	16.82	24.00	Pass
58	5290	14.65	14.47	57.164	17.57	24.00	Pass
106	5530	15.41	14.76	64.676	18.11	24.00	Pass
122	5610	16.50	17.16	96.668	19.85	24.00	Pass
*138 (U-NII-2C Band)	5690	15.20	14.95	88.767	19.48	24.00	Pass
*138 (U-NII-3 Band)	5690	-0.20	-0.40	2.5745	4.11	30.00	Pass
155	5775	16.83	16.57	93.589	19.71	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	81.33	30.1 > 24
106	5530	81.43	30.1 > 24
122	5610	81.48	30.11 > 24
138 (U-NII-2C Band)	5690	75.99	29.8 > 24

26dB OCCUPIED BANDWIDTH

802.11a

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
36	5180	27.72	24.49
40	5200	36.7	33.98
48	5240	24.34	20.83
52	5260	26.97	25.1
60	5300	26.74	25
64	5320	26.56	26.62
100	5500	28.44	26.48
116	5580	27.15	24.42
140	5700	26.82	25.95
144 (U-NII-2C Band)	5720	18.67	17.5
144 (U-NII-3 Band)	5720	8.72	8.21
149	5745	28.56	25.47
157	5785	26.48	26.13
165	5825	29.05	26.52

802.11ax (HE20)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
36	5180	22.53	22.59
40	5200	22.52	22.43
48	5240	21.51	20.32
52	5260	22.55	23.12
60	5300	22.29	22.16
64	5320	22.98	22.98
100	5500	22.57	23.1
116	5580	26.49	22.67
140	5700	24.28	23.15
144 (U-NII-2C Band)	5720	16.64	16.26
144 (U-NII-3 Band)	5720	5.95	6.18
149	5745	24.47	22.46
157	5785	22.63	22.7
165	5825	27.02	35.74

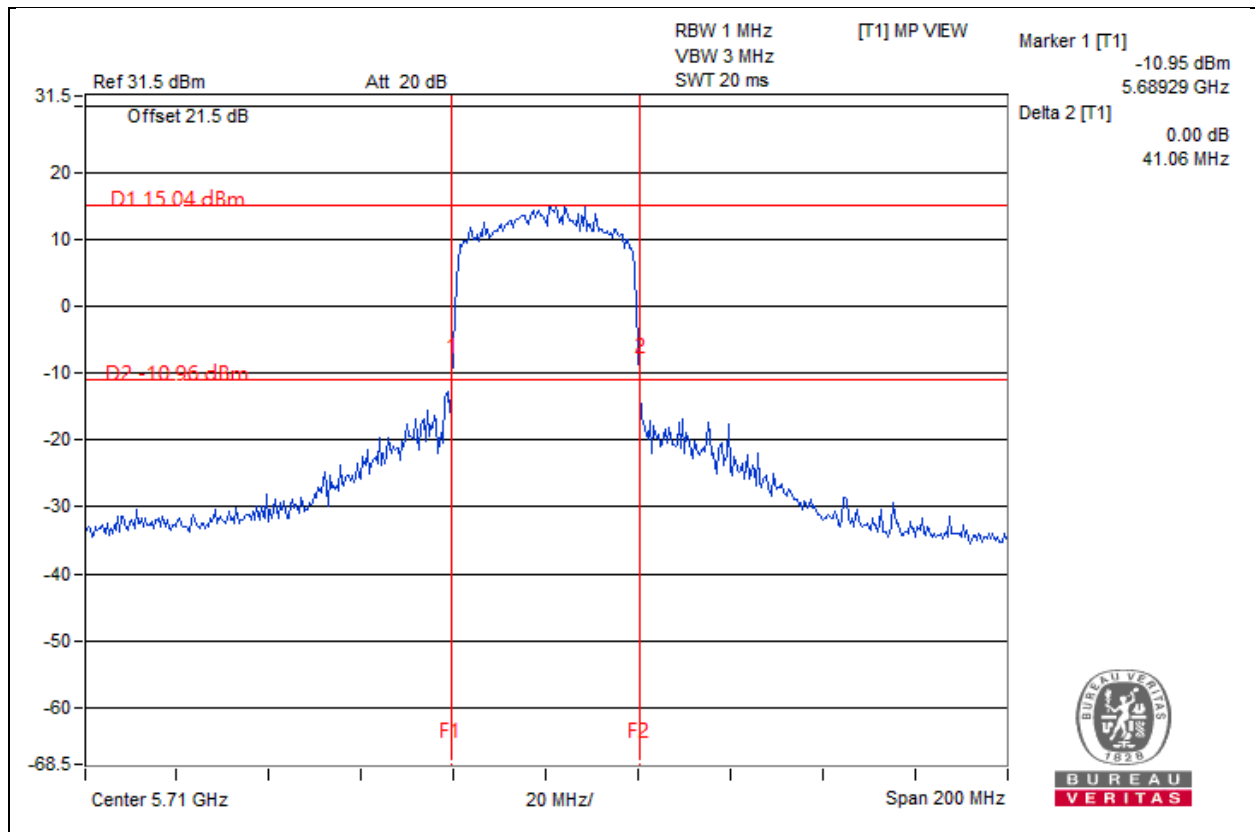
802.11ax (HE40)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
38	5190	41.06	40.99
46	5230	41.2	41.57
54	5270	41.48	40.97
62	5310	41.12	41.19
102	5510	41.1	41.36
110	5550	41.14	41.22
134	5670	41.18	41.29
142 (U-NII-2C Band)	5710	35.71	35.66
142 (U-NII-3 Band)	5710	5.35	5.41
151	5755	41.13	41.33
159	5795	41.2	42.55

802.11ax (HE80)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
42	5210	81.32	81.32
58	5290	81.33	81.42
106	5530	81.43	81.7
122	5610	81.48	81.59
138 (U-NII-2C Band)	5690	75.99	76.01
138 (U-NII-3 Band)	5690	5.44	5.61
155	5775	81.77	82

**此測試圖僅放測試結果最差的頻道。



Note:

For CH144 (U-NII-3) = Delta 2 - (5725MHz - Marker 1)
For CH142 (U-NII-3) = Delta 2 - (5725MHz - Marker 1)
For CH138 (U-NII-3) = Delta 2 - (5725MHz - Marker 1)

11.6 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

12 功率頻譜密度之量測

12.1 適用標準

	待測物操作頻帶	適用標準
☒	5.15 GHz~5.25 GHz	請見本報告 3.1 節第 7 項(II)及 4 項(II)的規定
☒	5.25 GHz~5.35 GHz	請見本報告 3.1 節第 7 項(III)及 4 項(III)的規定
☒	5.470 GHz~5.725 GHz	請見本報告 3.1 節第 7 項(III)及 4 項(III)的規定
☒	5.725 GHz~5.850 GHz	請見本報告 3.1 節第 7 項(IV)及 4 項(IV)的規定

12.2 量測方法

	待測物操作頻帶	KDB 789033 D02 量測方法	KDB 662911 D01 量測方法
☒	5.15 GHz~5.25 GHz	☒ SA-1 ☐ SA-1 alternative ☒ SA-2 ☐ SA-2 alternative ☐ SA-3 ☐ SA-3 alternative	☒ Section E)2)a) ☐ Section E)2)b) ☐ Section E)2)c)
☒	5.25 GHz~5.35 GHz	☒ SA-1 ☐ SA-1 alternative ☒ SA-2 ☐ SA-2 alternative ☐ SA-3 ☐ SA-3 alternative	☒ Section E)2)a) ☐ Section E)2)b) ☐ Section E)2)c)
☒	5.470 GHz~5.725 GHz	☒ SA-1 ☐ SA-1 alternative ☒ SA-2 ☐ SA-2 alternative ☐ SA-3 ☐ SA-3 alternative	☒ Section E)2)a) ☐ Section E)2)b) ☐ Section E)2)c)
☒	5.725 GHz~5.850 GHz	☒ SA-1 ☐ SA-1 alternative ☒ SA-2 ☐ SA-2 alternative ☐ SA-3 ☐ SA-3 alternative	☐ Section E)2)a) ☐ Section E)2)b) ☒ Section E)2)c)

For 802.11a

For U-NII-1, U-NII-2A, U-NII-2C band:

Using method SA-1

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
3. Sweep time = auto, trigger set to "free run".
4. Trace average at least 100 traces in power averaging mode.
5. Record the max value

For U-NII-3 band:

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 300 kHz, Set VBW ≥ 1 MHz, Detector = RMS
3. Use the peak marker function to determine the maximum power level in any 300 kHz band segment within the fundamental EBW.
4. Scale the observed power level to an equivalent value in 500 kHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where $BWCF = 10\log(500\text{kHz}/300\text{kHz})$
5. Sweep time = auto, trigger set to "free run".
6. Trace average at least 100 traces in power averaging mode.
7. Record the max value

For 802.11ax (HE20), 802.11ax (HE40), 802.11ax (HE80)

For U-NII-1, U-NII-2A, U-NII-2C band:

Using method SA-2

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 1 MHz, Set VBW $\geq$ 3 MHz, Detector = RMS
3. Sweep time = auto, trigger set to "free run".
4. Trace average at least 100 traces in power averaging mode.
5. Record the max value and add 10 log (1/duty cycle)

For U-NII-3 band:

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 300 kHz, Set VBW $\geq$ 1 MHz, Detector = RMS
3. Use the peak marker function to determine the maximum power level in any 300 kHz band segment within the fundamental EBW.
4. Scale the observed power level to an equivalent value in 500 kHz by adjusting (increasing) the measured power by a bandwidth correction factor (BWCF) where $BWCF = 10\log(500 \text{ kHz}/300\text{kHz})$
5. Sweep time = auto, trigger set to "free run".
6. Trace average at least 100 traces in power averaging mode.
7. Record the max value and add 10 log (1/duty cycle)

12.3 量測功率頻譜密度之儀器

同 9.3 節。

12.4 功率頻譜密度之測試配置

同 9.4 節

12.5 功率頻譜密度之量測結果

操作模式	發射	測試日期	109 年 09 月 28 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	柯其宗		

For U-NII-1, U-NII-2A, U-NII-2C:

802.11a

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1			
36	5180	2.24	2.66	5.47	9.07	Pass
40	5200	4.85	4.15	7.52	9.07	Pass
48	5240	5.96	5.88	8.93	9.07	Pass
52	5260	6.03	5.97	9.01	9.07	Pass
60	5300	5.64	6.17	8.92	9.07	Pass
64	5320	2.99	3.20	6.11	9.07	Pass
100	5500	4.97	3.24	7.20	9.07	Pass
116	5580	6.12	5.94	9.04	9.07	Pass
140	5700	5.16	4.53	7.87	9.07	Pass
144 (U-NII-2C Band)	5720	6.16	5.83	9.01	9.07	Pass

- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain = $4.92\text{dBi} + 10\log(2) = 7.93\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $11 - (7.93 - 6) = 9.07\text{dBm}$.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
36	5180	0.12	0.39	0.52	3.78	9.07	Pass
40	5200	2.36	-3.08	0.52	3.97	9.07	Pass
48	5240	2.75	2.54	0.52	6.17	9.07	Pass
52	5260	4.16	4.71	0.52	7.97	9.07	Pass
60	5300	2.31	1.71	0.52	5.55	9.07	Pass
64	5320	-1.33	-1.39	0.52	2.17	9.07	Pass
100	5500	1.80	0.39	0.52	4.68	9.07	Pass
116	5580	4.10	2.22	0.52	6.79	9.07	Pass
140	5700	2.77	2.46	0.52	6.14	9.07	Pass
144 (U-NII-2C Band)	5720	2.20	0.14	0.52	4.82	9.07	Pass

- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain = $4.92\text{dBi} + 10\log(2) = 7.93\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $11 - (7.93 - 6) = 9.07\text{dBm}$.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
38	5190	-2.13	-7.94	0.74	-0.38	9.07	Pass
46	5230	0.62	0.43	0.74	4.28	9.07	Pass
54	5270	-1.07	-2.79	0.74	1.91	9.07	Pass
62	5310	-1.28	-0.35	0.74	2.96	9.07	Pass
102	5510	-3.02	-3.29	0.74	0.60	9.07	Pass
110	5550	-2.76	-3.22	0.74	0.77	9.07	Pass
134	5670	-0.34	-4.52	0.74	1.81	9.07	Pass
142 (U-NII-2C Band)	5710	-1.61	-0.51	0.74	2.73	9.07	Pass

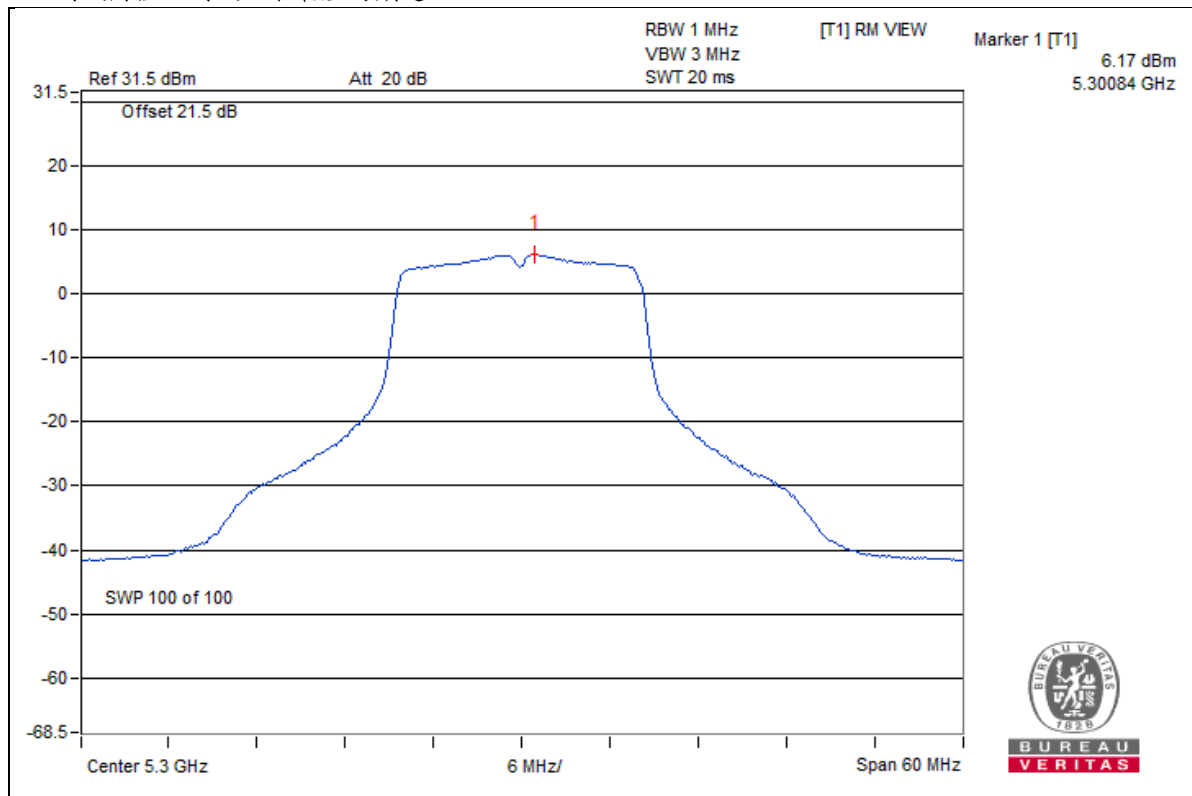
- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain = $4.92\text{dBi} + 10\log(2) = 7.93\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $11 - (7.93 - 6) = 9.07\text{dBm}$.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
42	5210	-10.67	-12.73	1.40	-7.17	9.07	Pass
58	5290	-10.27	-10.44	1.40	-5.95	9.07	Pass
106	5530	-9.00	-11.20	1.40	-5.56	9.07	Pass
122	5610	-8.90	-6.13	1.40	-2.89	9.07	Pass
138 (U-NII-2C Band)	5690	-8.97	-9.92	1.40	-5.01	9.07	Pass

- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain = $4.92\text{dBi} + 10\log(2) = 7.93\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $11 - (7.93 - 6) = 9.07\text{dBm}$.
3. Refer to section 2.1 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。



For U-NII-3:

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1				
144 (U-NII-3 Band)	5720	-3.51	-3.48	-0.48	1.74	28.07	Pass
149	5745	-0.48	-1.49	2.05	4.27	28.07	Pass
157	5785	-0.84	-1.48	1.86	4.08	28.07	Pass
165	5825	-0.50	-1.18	2.18	4.40	28.07	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain = $4.92\text{dBi} + 10\log(2) = 7.93\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $30-(7.93-6)=28.07\text{dBm}$.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1					
144 (U-NII-3 Band)	5720	-8.38	-8.00	0.52	-4.66	-2.44	28.07	Pass
149	5745	-6.50	-6.88	0.52	-3.16	-0.94	28.07	Pass
157	5785	-6.75	-6.24	0.52	-2.96	-0.74	28.07	Pass
165	5825	-4.96	-4.86	0.52	-1.38	0.84	28.07	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain = $4.92\text{dBi} + 10\log(2) = 7.93\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $30-(7.93-6)=28.07\text{dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1					
142 (U-NII-3 Band)	5710	-11.02	-12.39	0.74	-7.90	-5.68	28.07	Pass
151	5755	-7.77	-7.62	0.74	-3.94	-1.72	28.07	Pass
159	5795	-6.89	-7.43	0.74	-3.40	-1.18	28.07	Pass

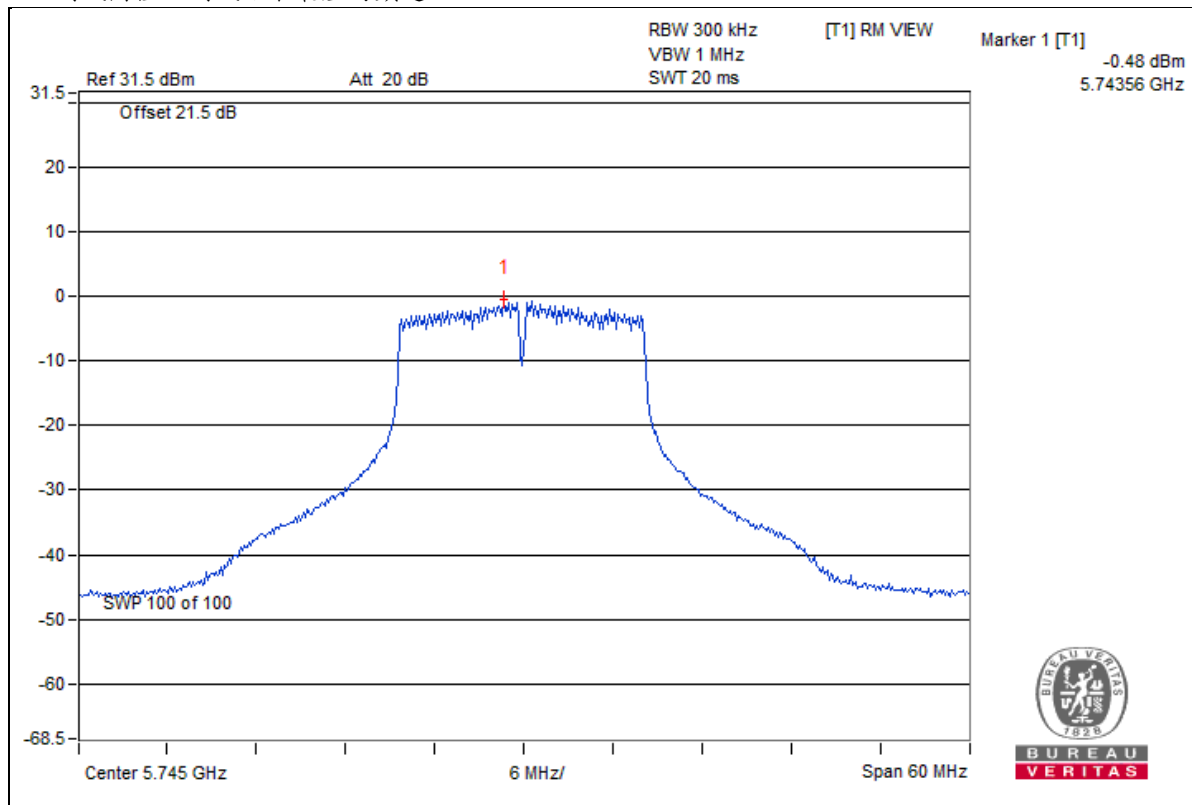
- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain = $4.92\text{dBi} + 10\log(2) = 7.93\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $30-(7.93-6)=28.07\text{dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1					
138 (U-NII-3 Band)	5710	-18.77	-20.56	1.40	-15.17	-12.95	28.07	Pass
155	5755	-13.87	-15.04	1.40	-10.01	-7.79	28.07	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
 2. The directional gain = $4.92\text{dBi} + 10\log(2) = 7.93\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $30 - (7.93 - 6) = 28.07\text{dBm}$.
 3. Refer to section 3.3 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。



12.6 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

13 6 dB 頻寬之要求

13.1 適用標準

待測物操作頻帶	適用標準
☒ 5.725 GHz~5.850 GHz	請見本報告 3.1 節第 6 項(II)的規定

13.2 量測方法

- 將待測物輸出經由衰減器接到頻譜分析儀上。
- 設定待測物處於連續發射狀態。
- 計算由最大輸出功率峰值減6dB的最大頻率範圍。

13.3 量測儀器

同 6.3 節。

13.4 測試配置

同 6.4 節。

13.5 量測結果

操作模式	發射	測試日期	108 年 09 月 28 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	柯其宗		

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
144 (U-NII-3 Band)	5720	2.97	2.99	0.5	Pass
149	5745	16.31	16.35	0.5	Pass
157	5785	16.32	16.36	0.5	Pass
165	5825	16.32	16.39	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
144 (U-NII-3 Band)	5720	4.26	4.4	0.5	Pass
149	5745	19.03	18.98	0.5	Pass
157	5785	18.9	18.72	0.5	Pass
165	5825	18.72	18.63	0.5	Pass

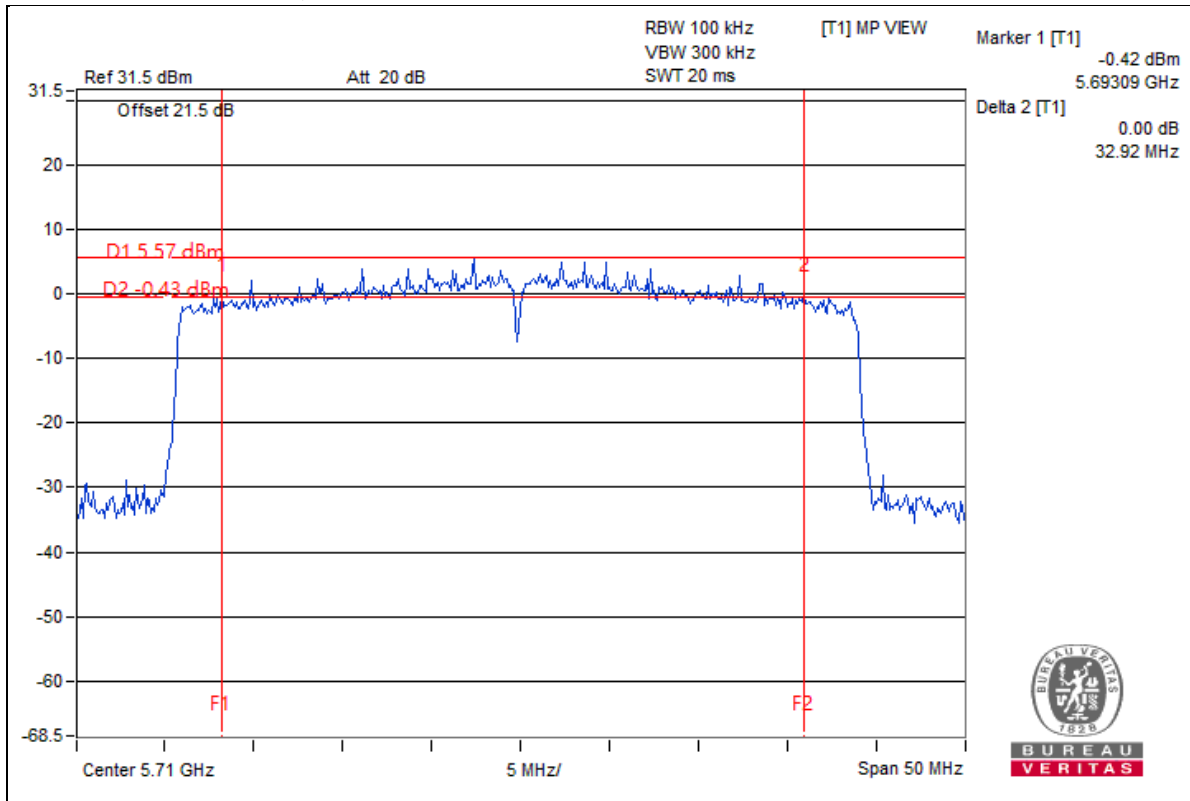
802.11ax (HE40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
142 (U-NII-3 Band)	5710	1.01	2.56	0.5	Pass
151	5755	35.21	32.73	0.5	Pass
159	5795	34.44	35.2	0.5	Pass

802.11ax (HE80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
138 (U-NII-3 Band)	5690	2.48	2.7	0.5	Pass
155	5775	75.16	72.98	0.5	Pass

**此測試圖僅放測試結果最差的頻道。



Note: The 6dB bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

13.6 量測結果判定

依據測試數據結果，符合低功率射頻器材技術規範之要求。

14 電波暴露量之評估

14.1 適用標準

請見本報告 3.1 節第 12 項的規定。

14.2 評估方法

a) 以 7.5 及 11.5 節所測得的最大輸出功率值再加上待測物天線的增益值(Gain)帶入下面公式換算出待測物所輻射的功率密度。

$$b) P_d = (P_{out} * G) / (4 * \pi * r^2)$$

where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 3.1416

R = distance between observation point and center of the radiator in cm

14.3 評估結果

Operation Mode	Max Power (mW)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)
WLAN 2.4GHz	170.373	6.19	20	0.14097	1
WLAN U-NII-1	143.816	7.93	20	0.17764	1
WLAN U-NII-2A	147.866	7.93	20	0.18264	1
WLAN U-NII-2C	156.514	7.93	20	0.19332	1
WLAN U-NII-3	193.138	7.93	20	0.23856	1
Bluetooth (BT-EDR)	15.596	3.18	20	0.00645	1
Bluetooth (BT-LE)	15.959	3.18	20	0.00660	1

NOTE:

- Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
- 2.4GHz: Directional gain = 3.18dBi + 10log(2) = 6.19dBi
5GHz: Directional gain = 4.92dBi + 10log(2) = 7.93dBi
- 2.4GHz & 5GHz technology cannot transmit at same time.

Conclusion:

The formula of calculated the MPE is:

$$CPD1 / LPD1 + CPD2 / LPD2 + \dots \text{etc.} < 1$$

CPD = Calculation power density

LPD = Limit of power density

$$\text{WLAN 2.4GHz} + \text{Bluetooth} = 0.14097 / 1 + 0.00660 / 1 = 0.14757$$

$$\text{WLAN 5GHz} + \text{Bluetooth} = 0.23856 / 1 + 0.00660 / 1 = 0.24516$$

Therefore the maximum calculations of above situations are less than the “1” limit.

15 Radiated Out of Band Emisison (OOBE) Measurement (For U-NII-3 Band) (模式一)

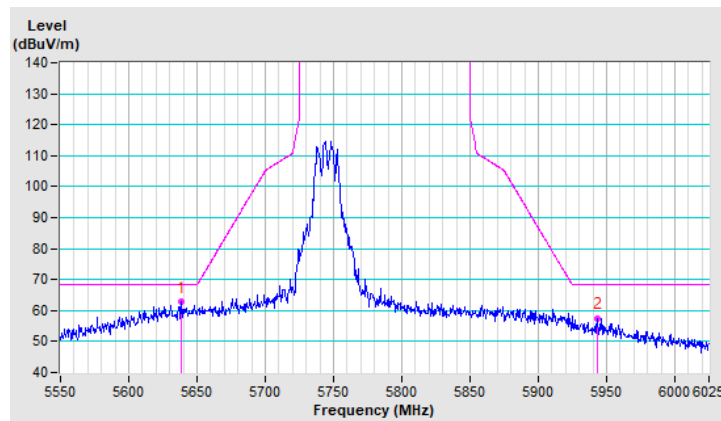
802.11a

操作模式：	發射	基本波頻率：	OFDM
量測頻率範圍：	CH 149 : 5745 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	24℃	量測場地濕度：	68%RH
測試日期：	109 年 9 月 8 日	測試者：	彭瀚淳

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	#5638.50	62.7 PK	68.2	-5.5	3.32 H	357	58.4	4.3
2	#5942.98	57.4 PK	68.2	-10.8	3.32 H	357	52.5	4.9

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. " # ": The radiated frequency is out of the restricted band.



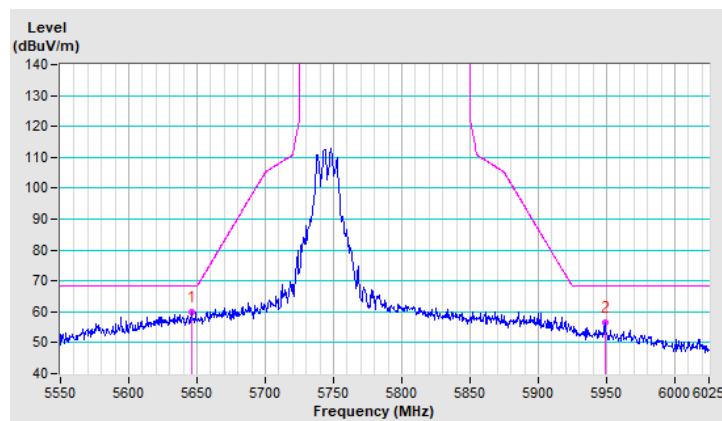
操作模式：	發射	基本波頻率：	OFDM
量測頻率範圍：	CH 149：5745 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	24℃	量測場地濕度：	68%RH
測試日期：	109 年 9 月 9 日	測試者：	彭瀚淳

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	#5645.91	59.9 PK	68.2	-8.3	1.06 V	45	55.6	4.3
2	#5948.74	56.5 PK	68.2	-11.7	1.06 V	45	51.6	4.9

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. " # ": The radiated frequency is out of the restricted band.



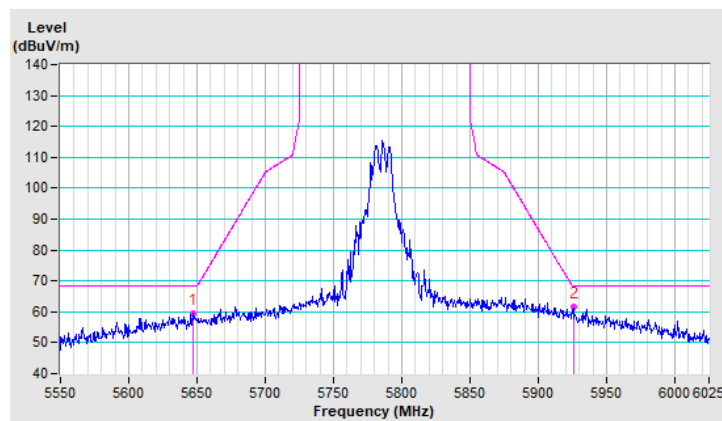
操作模式：	發射	基本波頻率：	OFDM
量測頻率範圍：	CH 157 : 5785 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	24℃	量測場地濕度：	68%RH
測試日期：	109 年 9 月 8 日	測試者：	彭瀚淳

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	#5647.07	59.3 PK	68.2	-8.9	2.91 H	358	54.9	4.4
2	#5925.75	61.4 PK	68.2	-6.8	2.91 H	358	56.5	4.9

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. " # ": The radiated frequency is out of the restricted band.



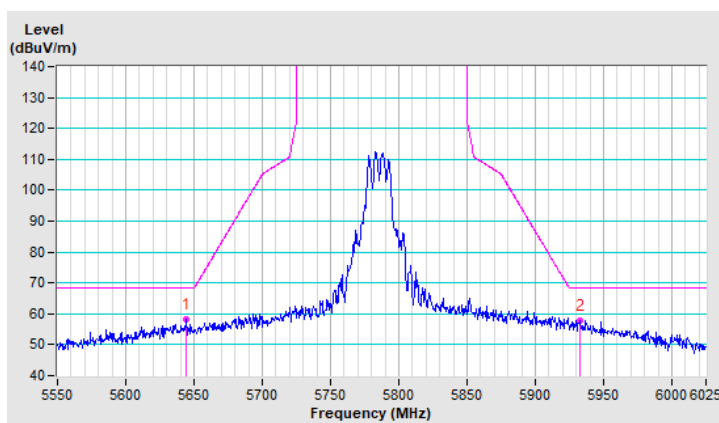
操作模式：	發射	基本波頻率：	OFDM
量測頻率範圍：	CH 157 : 5785 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	24℃	量測場地濕度：	68%RH
測試日期：	109 年 9 月 9 日	測試者：	彭瀚淳

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	#5644.68	58.3 PK	68.2	-9.9	1.00 V	47	54.0	4.3
2	#5932.45	57.9 PK	68.2	-10.3	1.00 V	47	53.0	4.9

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. " # ": The radiated frequency is out of the restricted band.

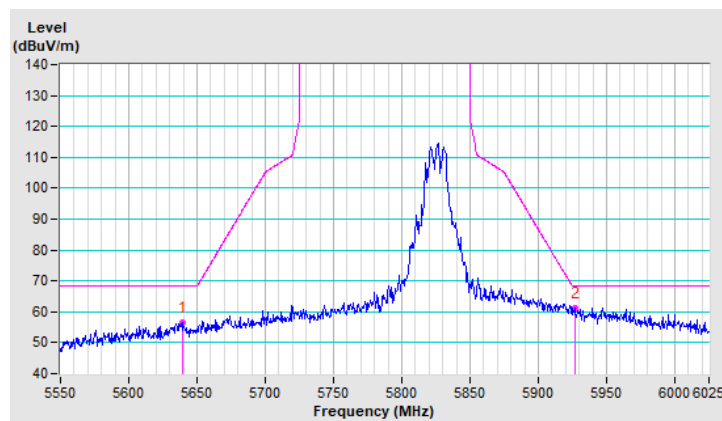


操作模式：	發射	基本波頻率：	OFDM
量測頻率範圍：	CH 165 : 5825 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	24℃	量測場地濕度：	68%RH
測試日期：	109 年 9 月 8 日	測試者：	彭瀚淳

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	#5639.51	56.7 PK	68.2	-11.5	3.19 H	357	52.4	4.3
2	#5927.09	61.3 PK	68.2	-6.9	3.19 H	357	56.4	4.9

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. " # ": The radiated frequency is out of the restricted band.



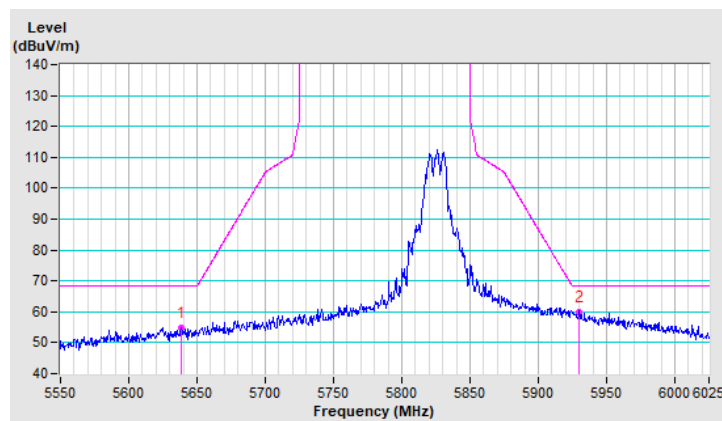
操作模式：	發射	基本波頻率：	OFDM
量測頻率範圍：	CH 165 : 5825 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	24℃	量測場地濕度：	68%RH
測試日期：	109 年 9 月 9 日	測試者：	彭瀚淳

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	#5638.35	54.9 PK	68.2	-13.3	1.09 V	46	50.6	4.3
2	#5929.83	60.1 PK	68.2	-8.1	1.09 V	46	55.2	4.9

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. " # ": The radiated frequency is out of the restricted band.



802.11ax (HE20)

操作模式：	發射	基本波頻率：	OFDM
量測頻率範圍：	CH 149 : 5745 MHz	檢測器與頻寬：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	24°C	量測場地濕度：	68%RH
測試日期：	109 年 9 月 8 日	測試者：	彭瀚淳

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	#5634.61	59.9 PK	68.2	-8.3	2.92 H	360	55.6	4.3
2	#5929.24	55.8 PK	68.2	-12.4	2.92 H	360	50.9	4.9

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. " # ": The radiated frequency is out of the restricted band.

