

9. 佔用頻帶寬 (DTS & 99%)

9.1. 適用標準

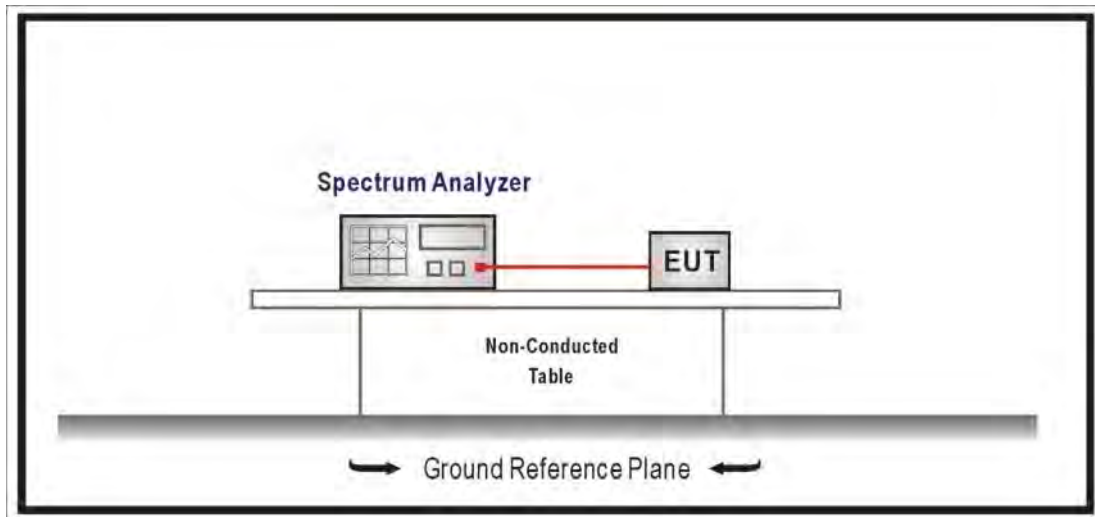
依據國家通訊傳播委員會低功率射頻電機技術規範之第3.10.1.6.2.A節之要求，6dB頻寬至少應有500KHz。

9.2. 量測方法

待測物之天線埠經由適當之衰減直接連至頻譜分析儀 RF 輸入端，設定頻譜分析儀之解析度頻寬為 100KHz，視訊頻寬不小於解析度頻寬，頻率掃瞄範圍(SPAN)遠大於解析度頻寬。

待測物應在正常發射狀態下量測。

9.3. 測試架構圖



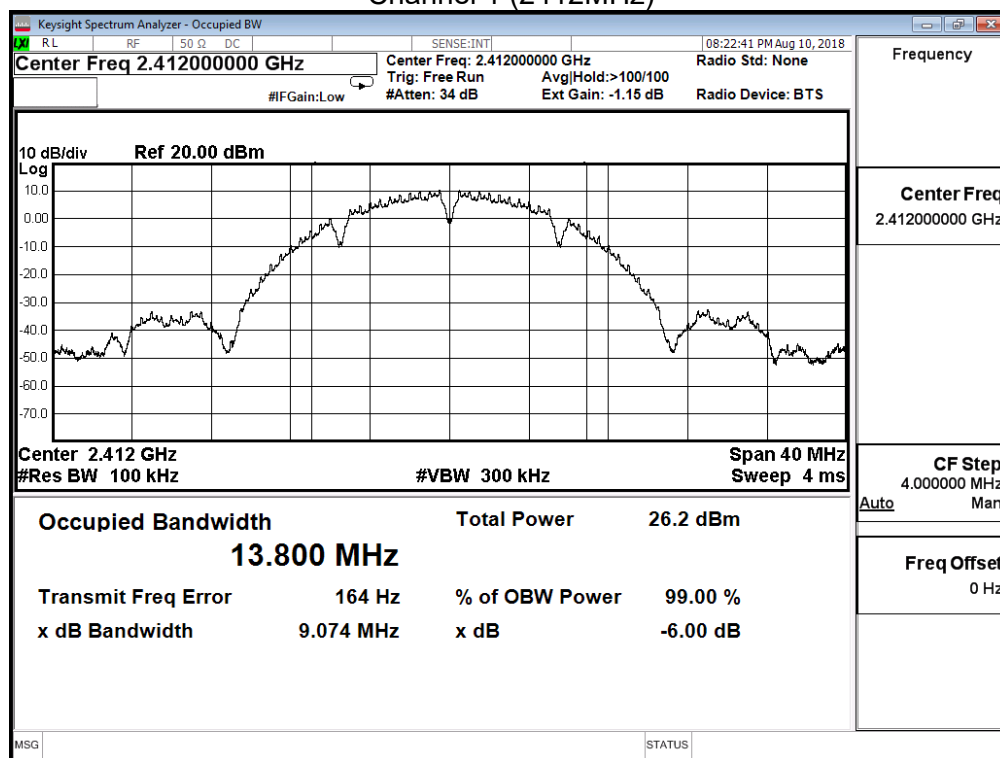
9.4. 佔用頻帶寬度(99% &DTS)測試結果

產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬 (DTS)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

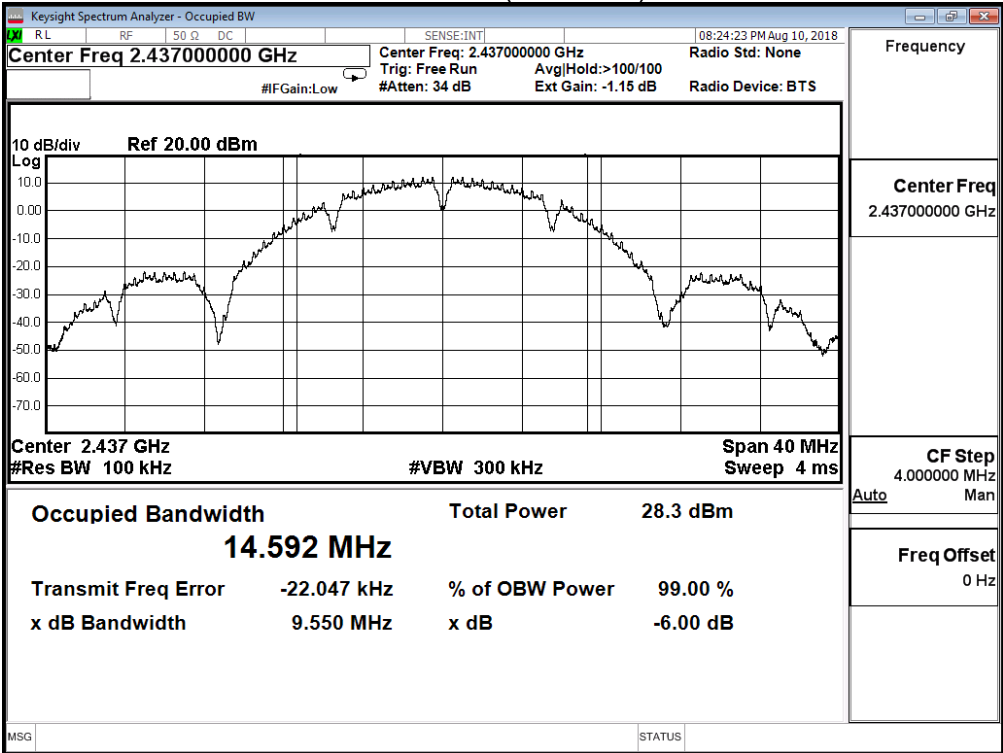
802.11b (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	9.074	≥ 0.5	Pass
6	2437	9.550	≥ 0.5	Pass
11	2462	9.058	≥ 0.5	Pass

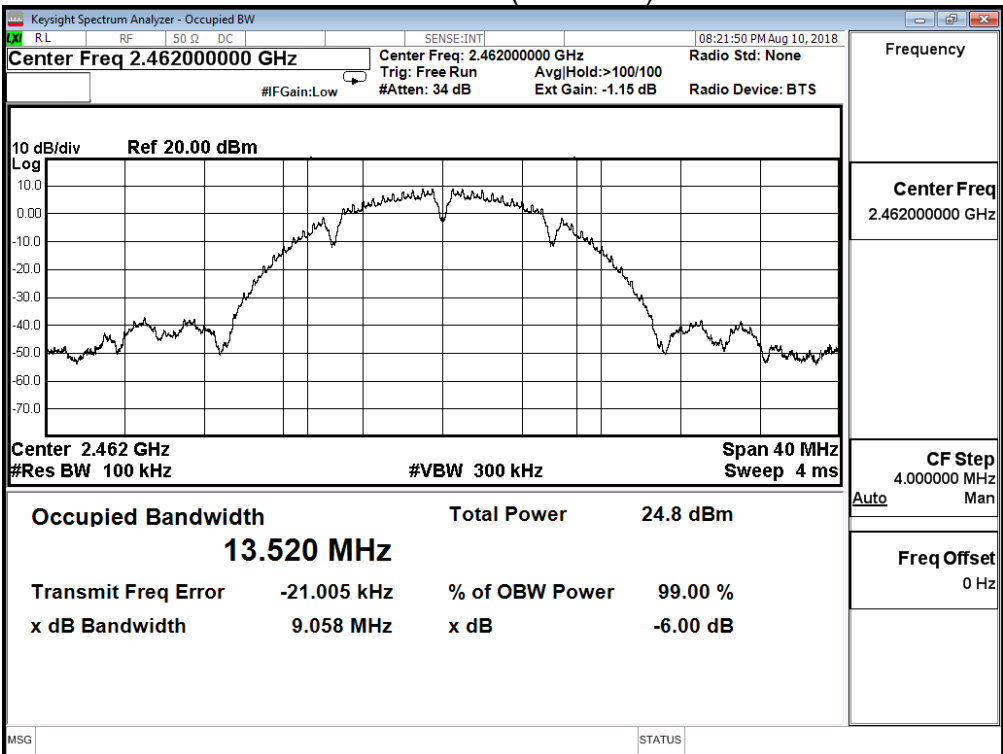
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

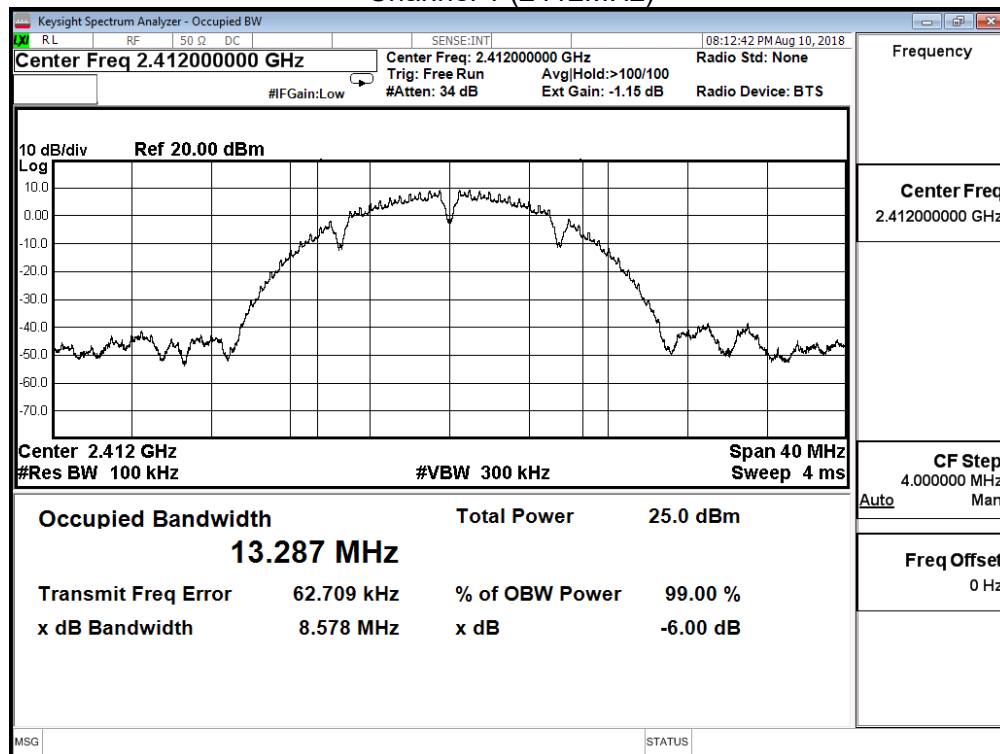


產品名稱	Wireless-AC2400 同步雙頻無線分享器		
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測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

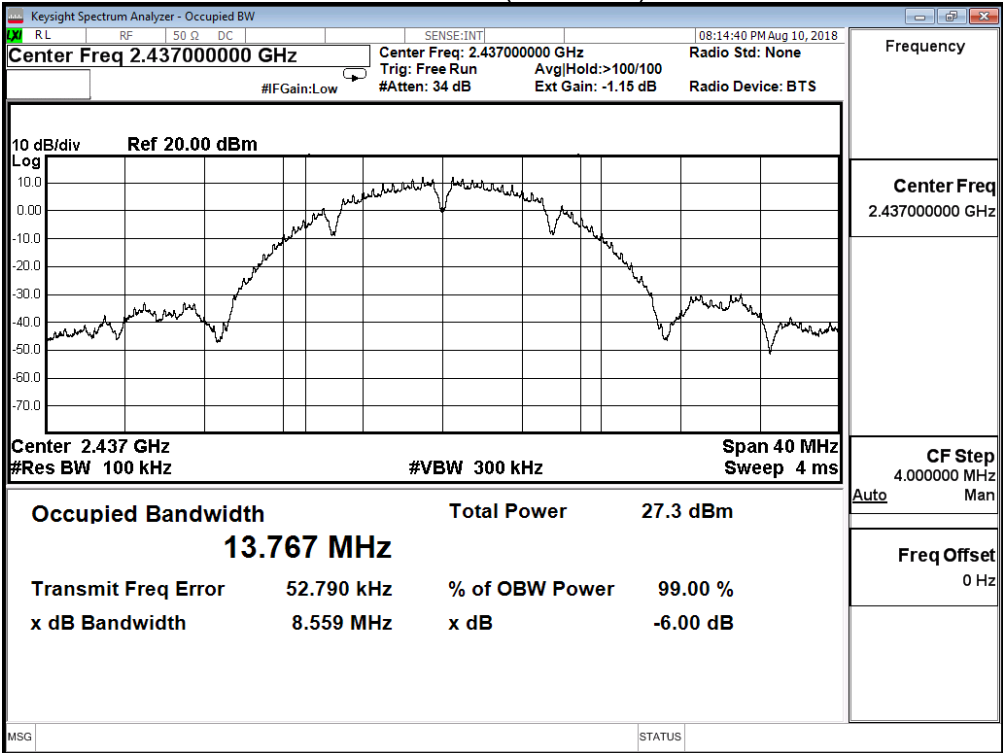
802.11b (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	8.578	≥ 0.5	Pass
6	2437	8.559	≥ 0.5	Pass
11	2462	9.049	≥ 0.5	Pass

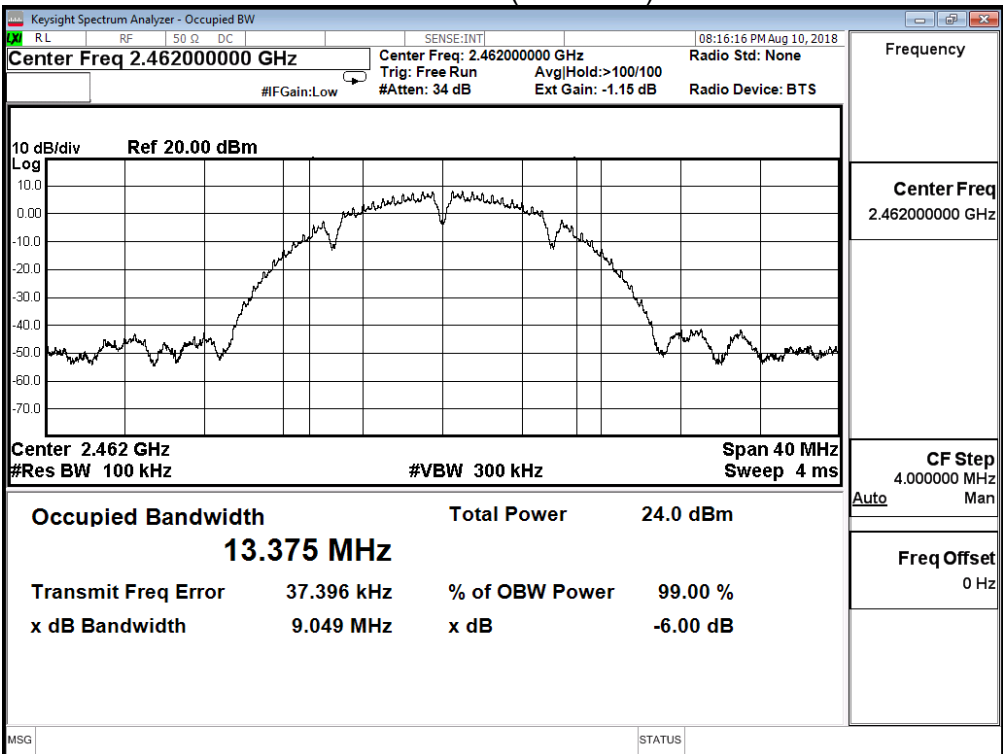
Channel 1 (2412MHz)



Channel 6 (2437MHz)



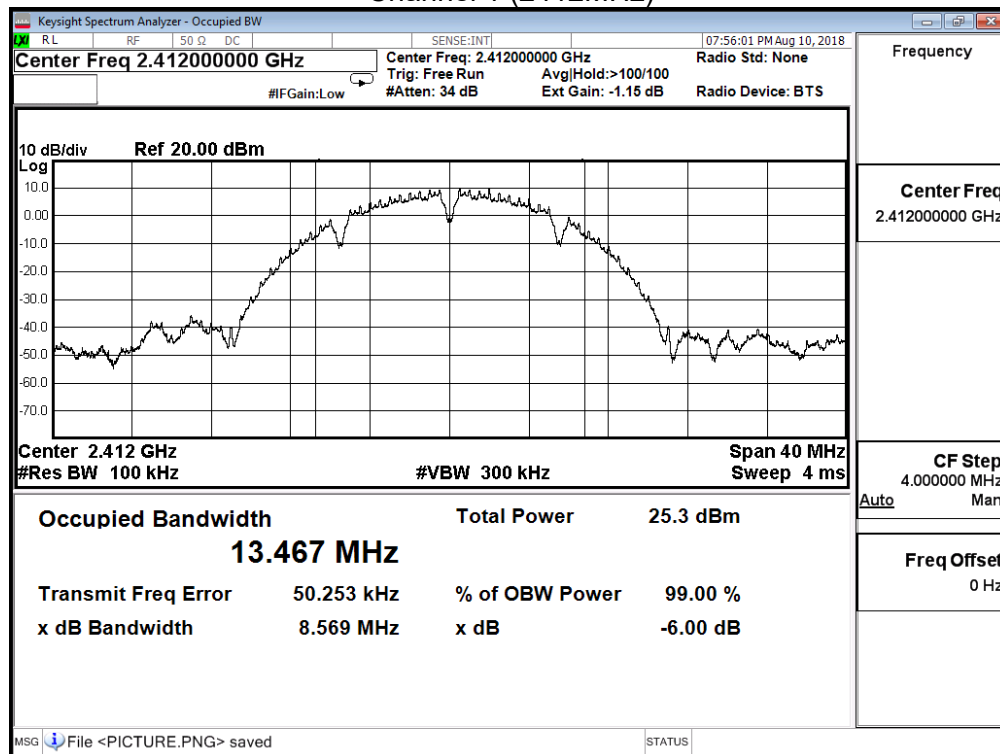
Channel 11 (2462MHz)



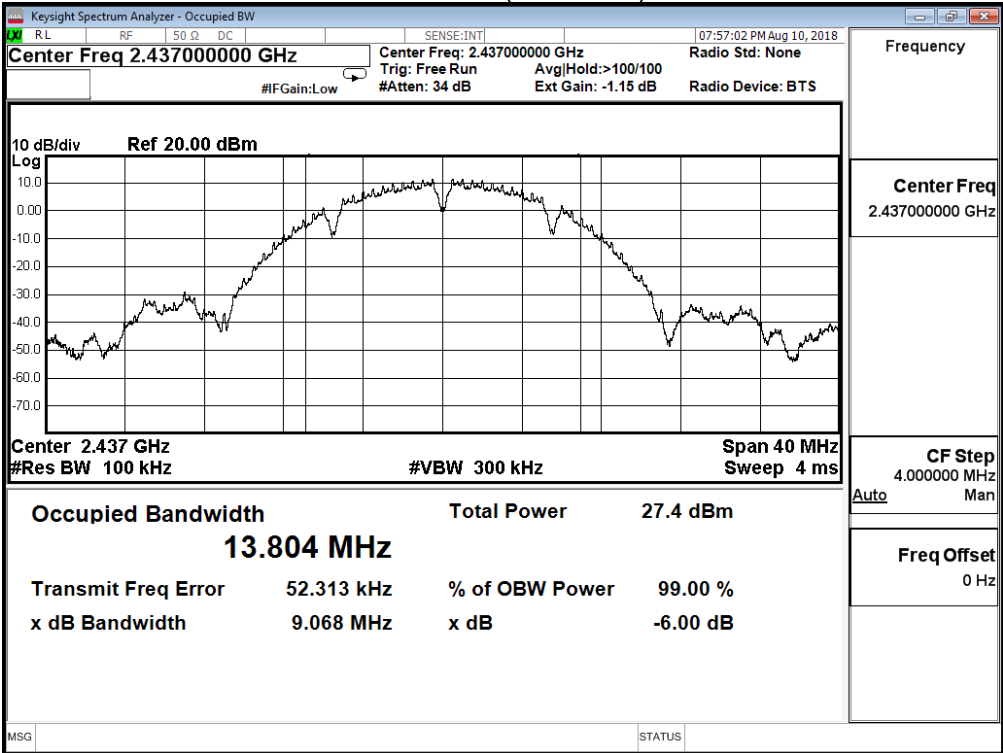
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測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

802.11b (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	8.569	≥ 0.5	Pass
6	2437	9.068	≥ 0.5	Pass
11	2462	9.057	≥ 0.5	Pass

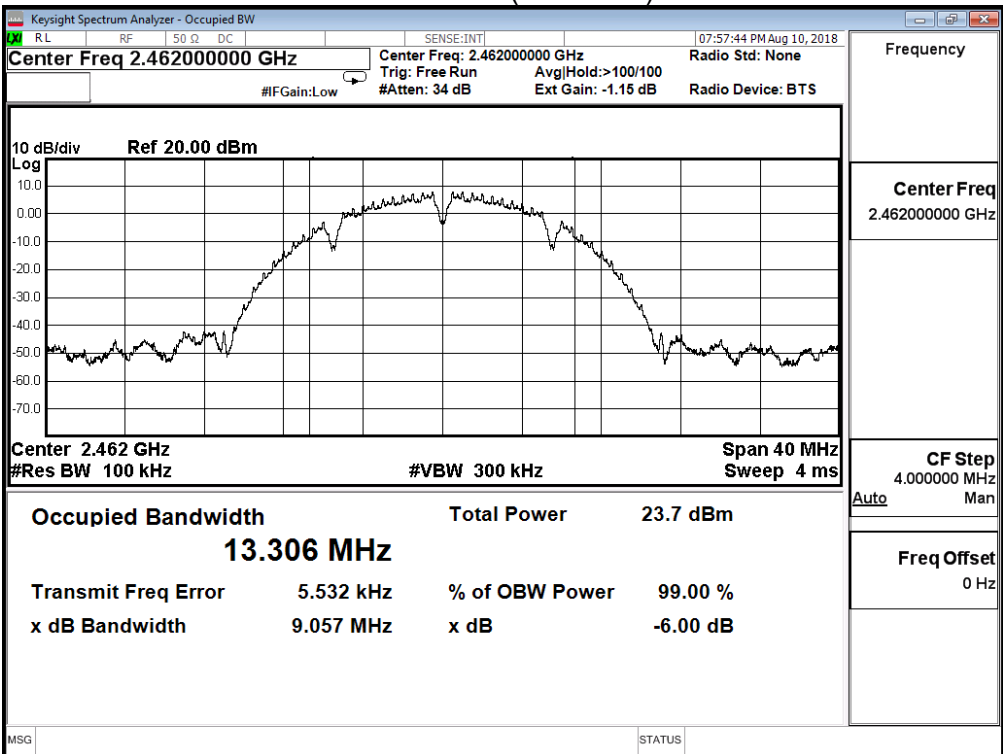
Channel 1 (2412MHz)



Channel 6 (2437MHz)



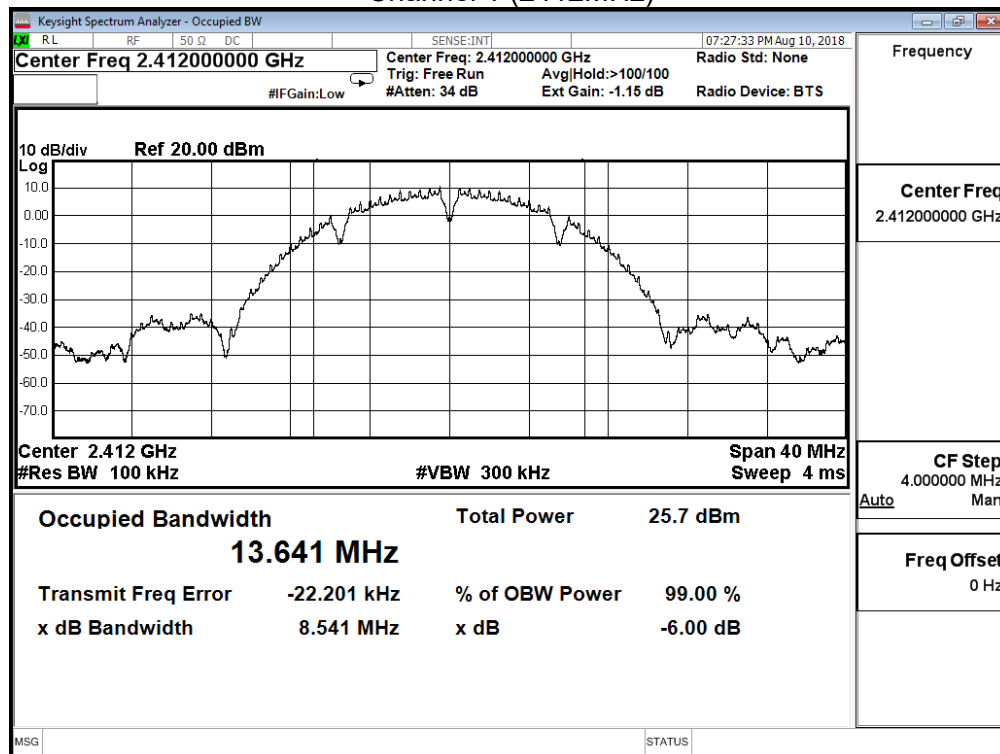
Channel 11 (2462MHz)



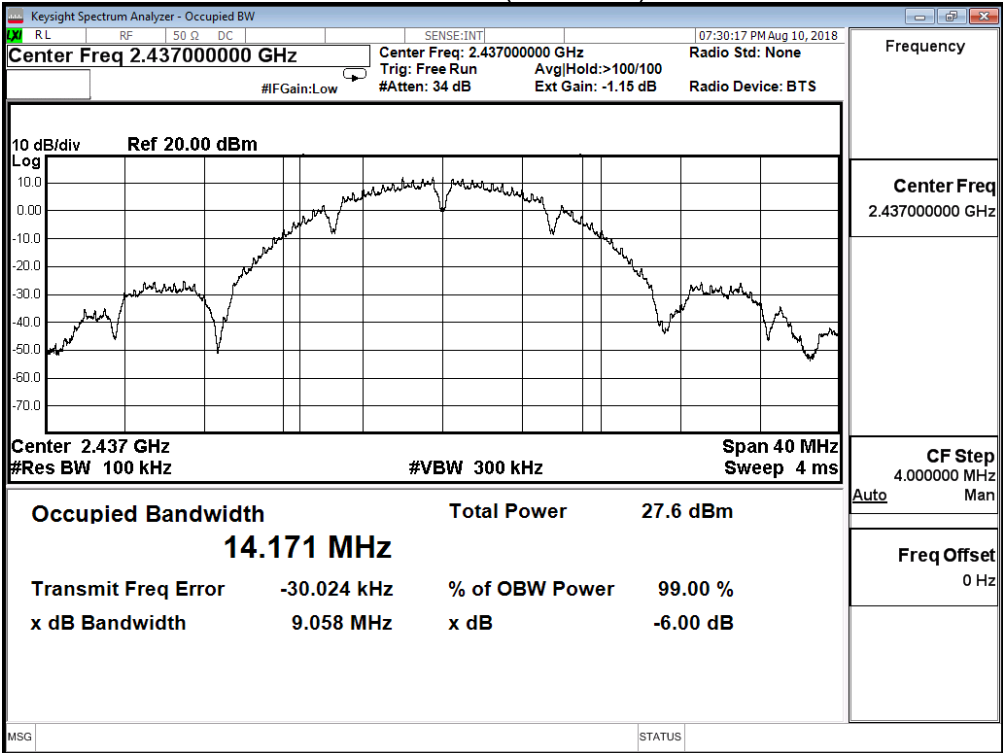
產品名稱	Wireless-AC2400 同步雙頻無線分享器		
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測試日期	2018/08/10	測試場地	SR10-H

802.11b (ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	8.541	≥ 0.5	Pass
6	2437	9.058	≥ 0.5	Pass
11	2462	9.056	≥ 0.5	Pass

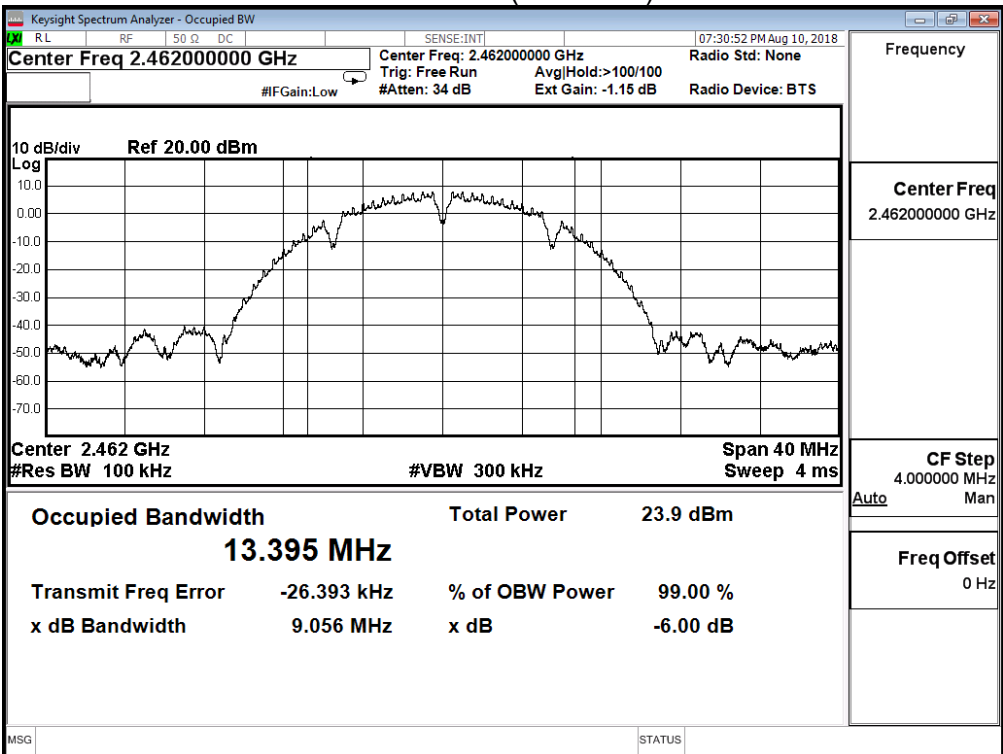
Channel 1 (2412MHz)



Channel 6 (2437MHz)



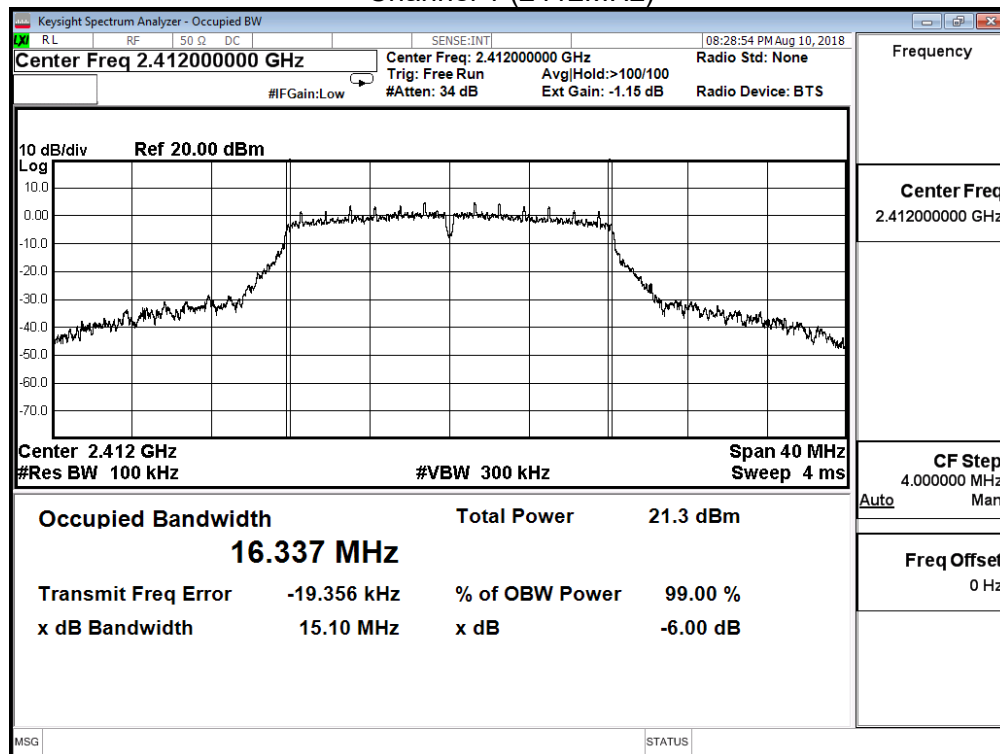
Channel 11 (2462MHz)



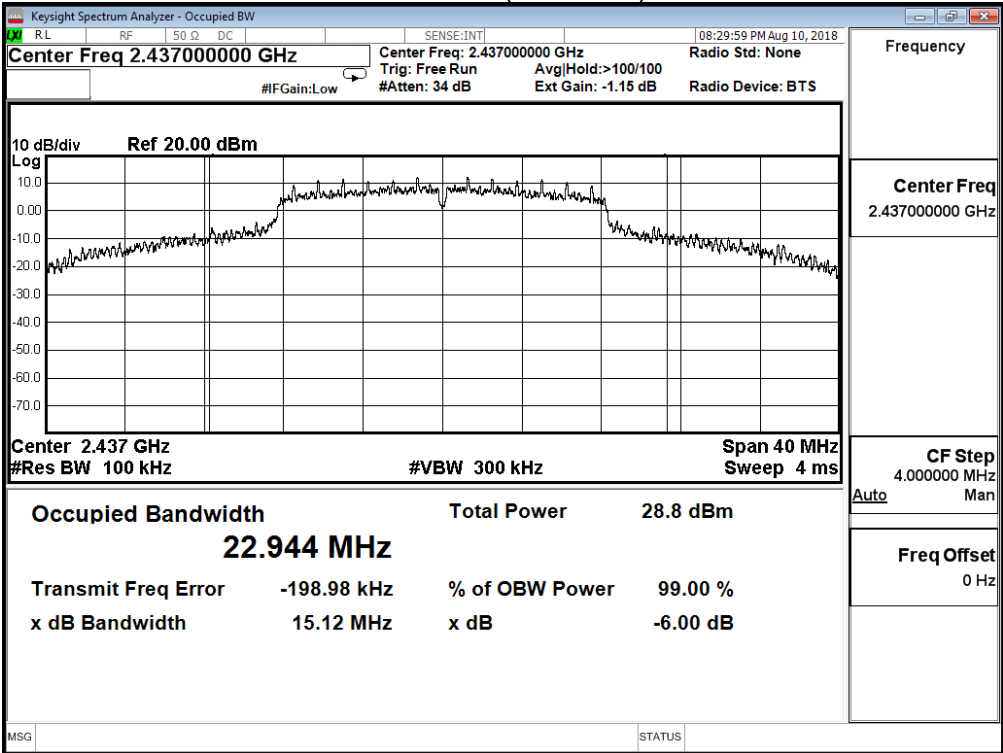
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測試日期	2018/08/10	測試場地	SR10-H

802.11g (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.100	≥ 0.5	Pass
6	2437	15.120	≥ 0.5	Pass
11	2462	15.120	≥ 0.5	Pass

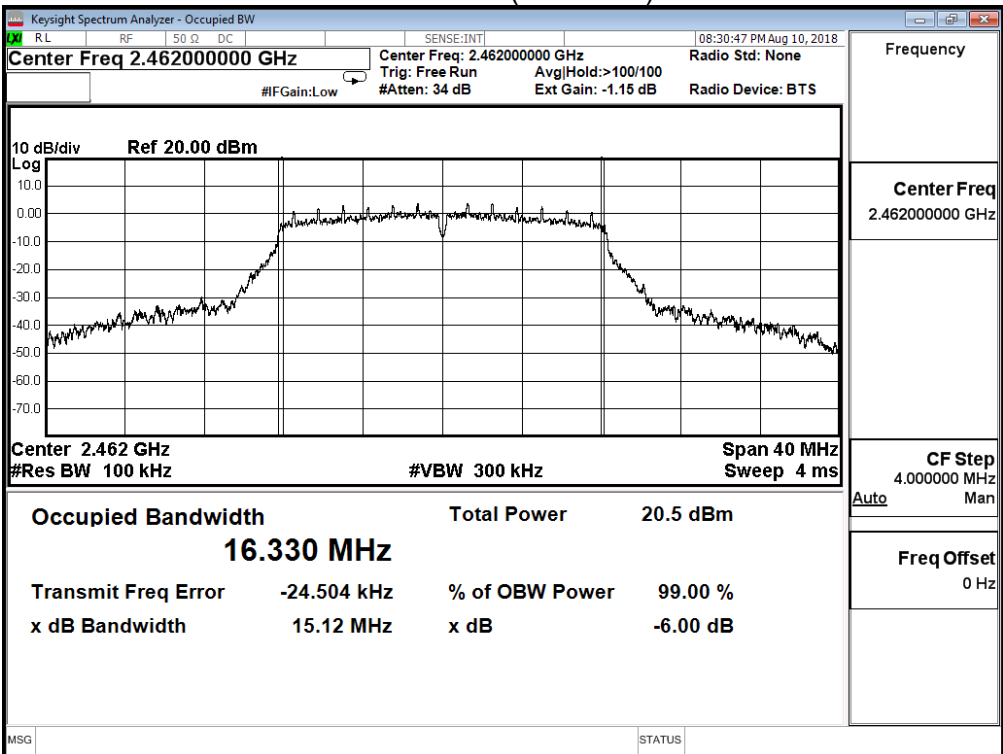
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

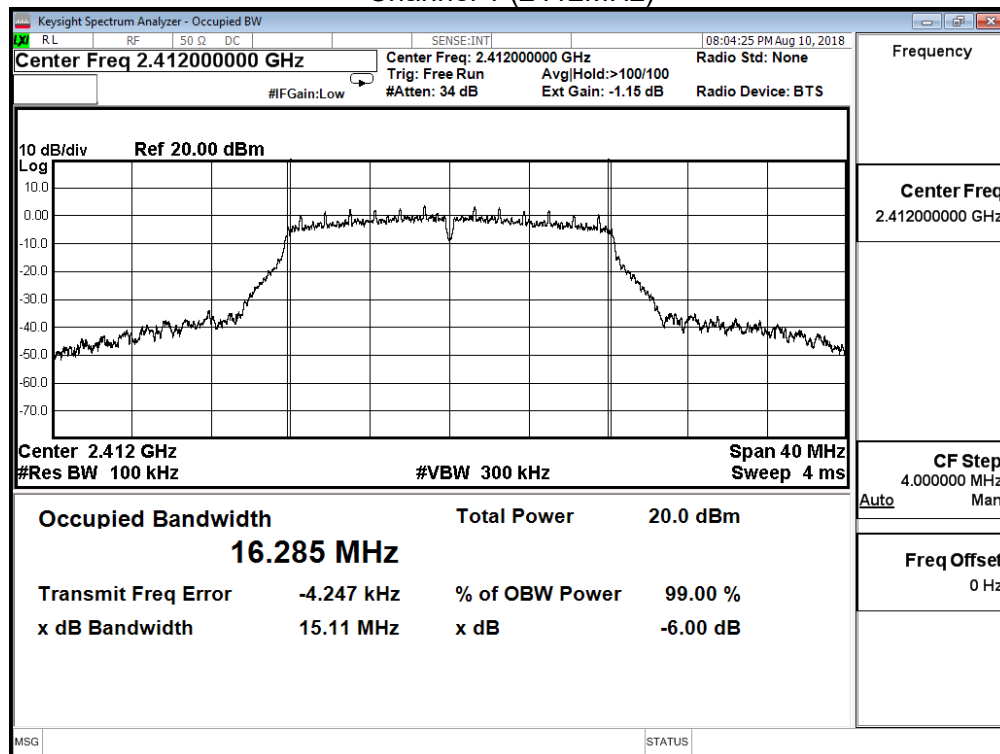


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測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

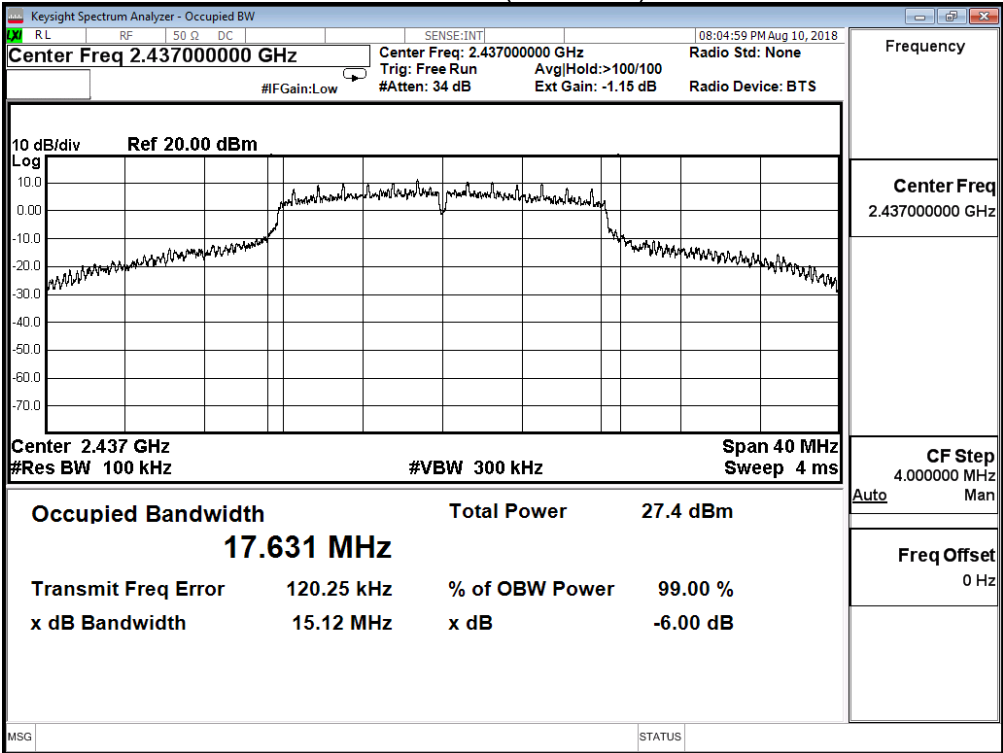
802.11g (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.110	≥ 0.5	Pass
6	2437	15.120	≥ 0.5	Pass
11	2462	15.120	≥ 0.5	Pass

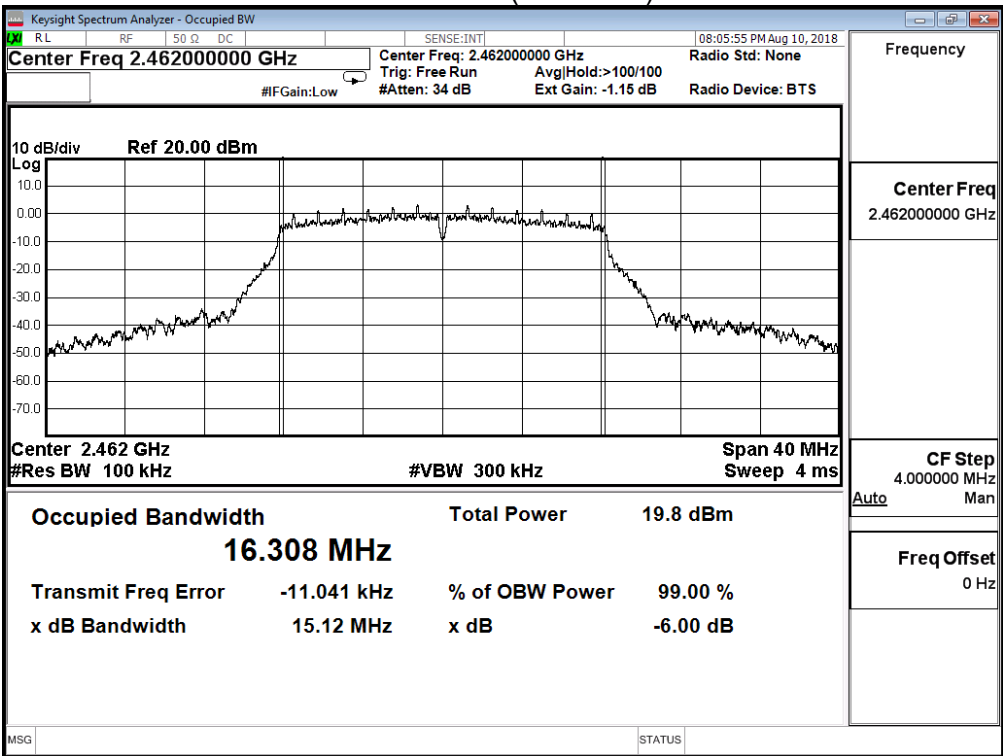
Channel 1 (2412MHz)



Channel 6 (2437MHz)



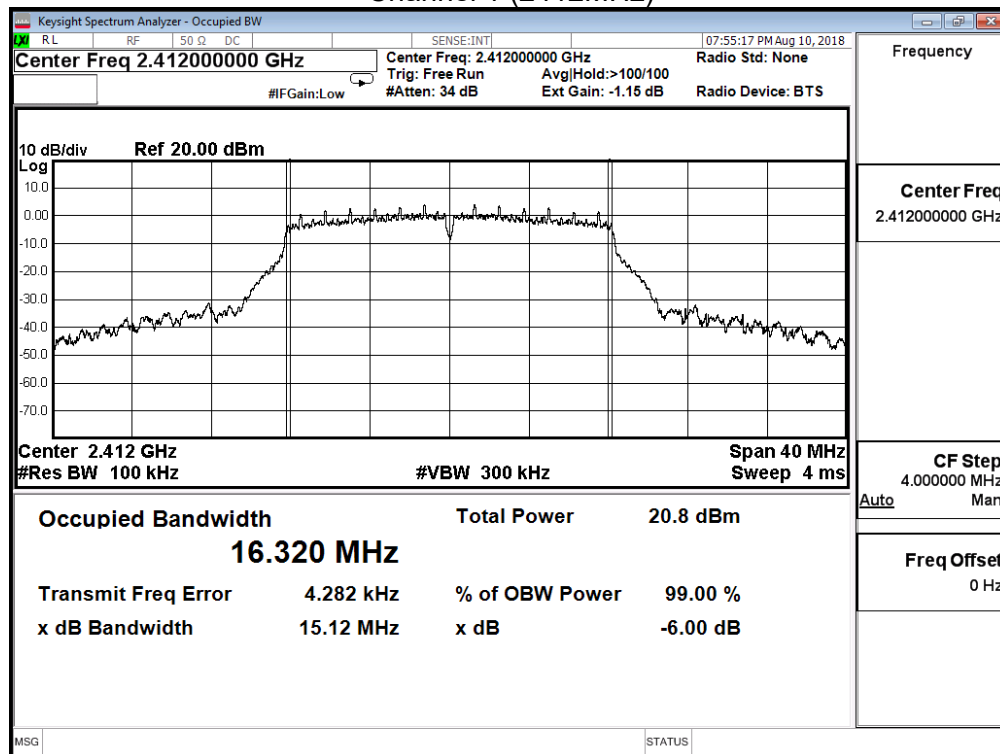
Channel 11 (2462MHz)



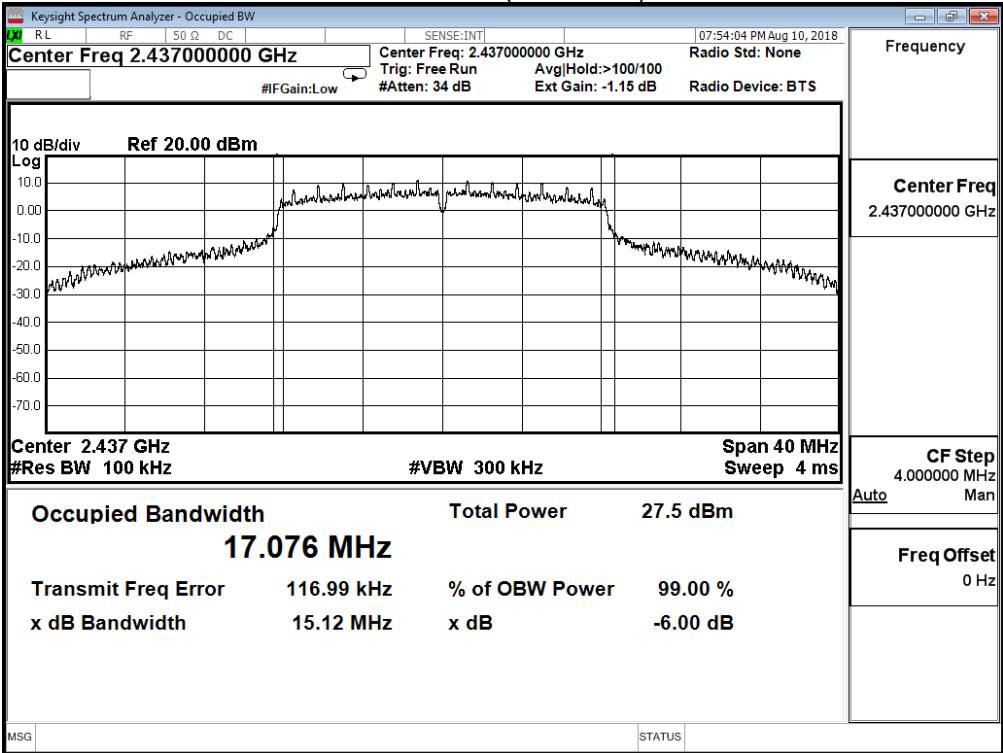
產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬 (DTS)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

802.11g (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.120	≥ 0.5	Pass
6	2437	15.120	≥ 0.5	Pass
11	2462	15.120	≥ 0.5	Pass

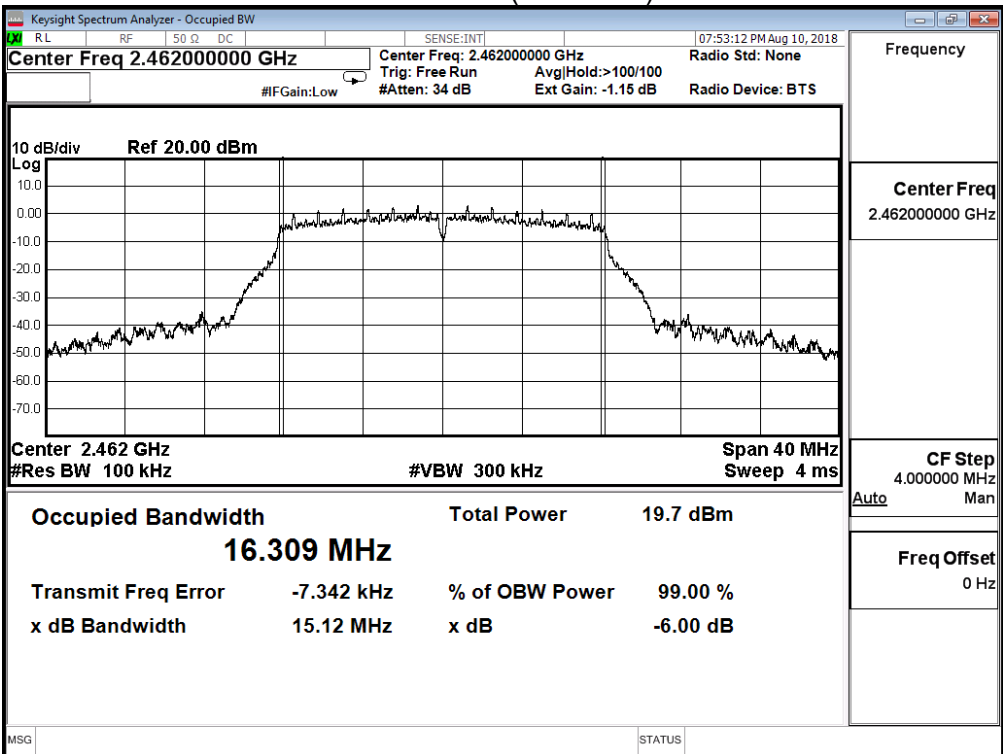
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

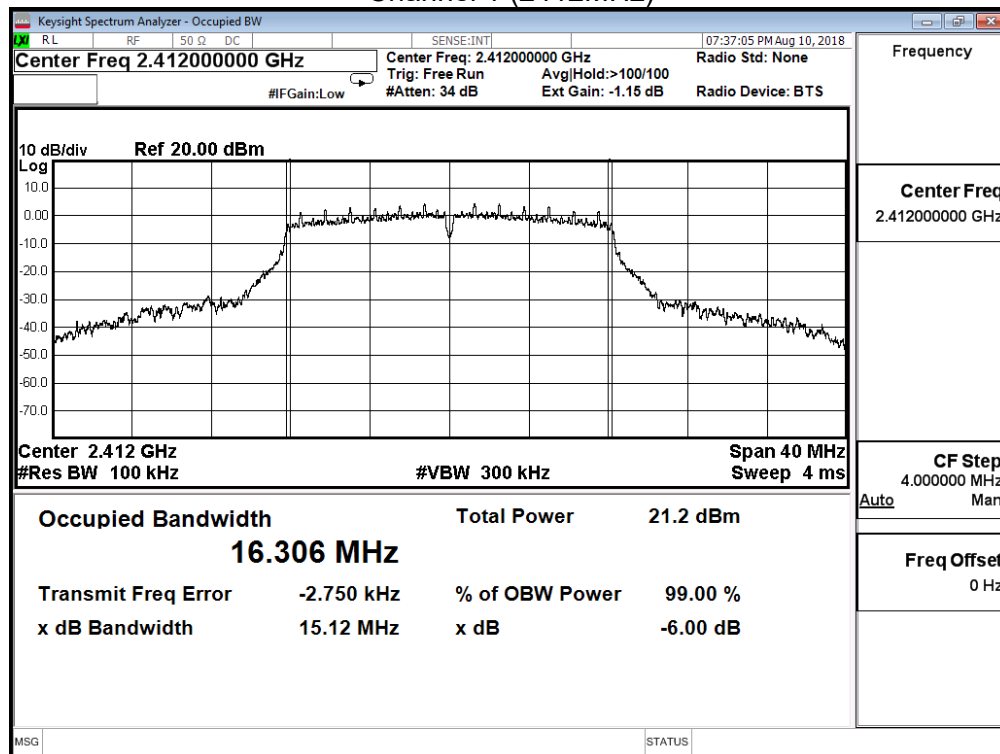


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測試項目	佔用頻帶寬 (DTS)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

802.11g (ANT 3)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.120	≥ 0.5	Pass
6	2437	15.110	≥ 0.5	Pass
11	2462	15.110	≥ 0.5	Pass

Channel 1 (2412MHz)



Keysight Spectrum Analyzer - Occupied BW

Center Freq 2.43700000 GHz

Center Freq: 2.437000000 GHz
 Trig: Free Run
 #Gain: Low
 #Atten: 34 dB
 Avg/Hold: >100/100
 Ext Gain: -1.15 dB

Radio Std: None
 Radio Device: BTS

07:36:23 PM Aug 10, 2018

Frequency

Center Freq
 2.437000000 GHz

10 dB/div Ref 20.00 dBm

Log

Center 2.437 GHz
 #Res BW 100 kHz
 #VBW 300 kHz
 Span 40 MHz
 Sweep 4 ms

Occupied Bandwidth
16.952 MHz

Total Power
 26.6 dBm

Transmit Freq Error
 -72.168 kHz

% of OBW Power
 99.00 %

x dB Bandwidth
 15.11 MHz

x dB
 -6.00 dB

Auto

CF Step
 4.000000 MHz

Man

Freq Offset
 0 Hz

MSG

STATUS

Keysight Spectrum Analyzer - Occupied BW

SENSE:INT

07:35:13 PM Aug 10, 2018

Center Freq 2.46200000 GHz

Trig: Free Run

Avg/Hold: >100/100

Radio Std: None

#FGain: Low

#Atten: 34 dB

Ext Gain: -1.15 dB

Radio Device: BTS

Frequency

Center Freq 2.46200000 GHz

10 dB/div

Ref 20.00 dBm

Log

Center 2.462 GHz

#Res BW 100 kHz

#VBW 300 kHz

Span 40 MHz

Sweep 4 ms

Occupied Bandwidth

Total Power

20.2 dBm

16.297 MHz

Transmit Freq Error

-5.579 kHz

% of OBW Power

99.00 %

x dB Bandwidth

15.11 MHz

x dB

-6.00 dB

CF Step

4.000000 MHz

Auto

Man

Freq Offset

0 Hz

MSG

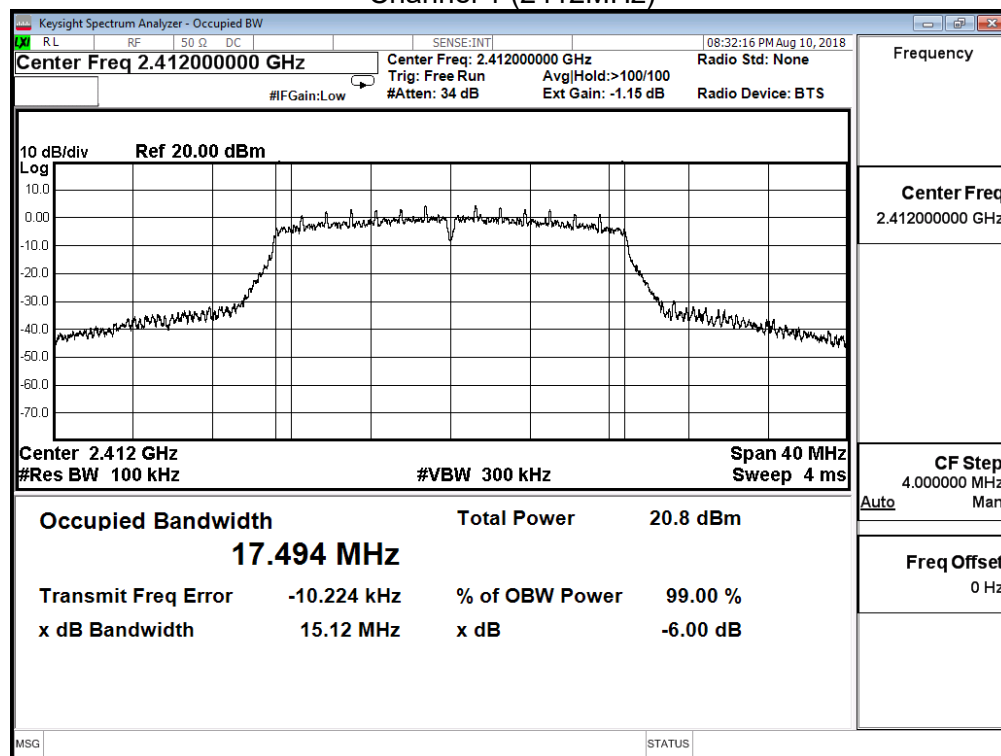
STATUS

產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬 (DTS)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

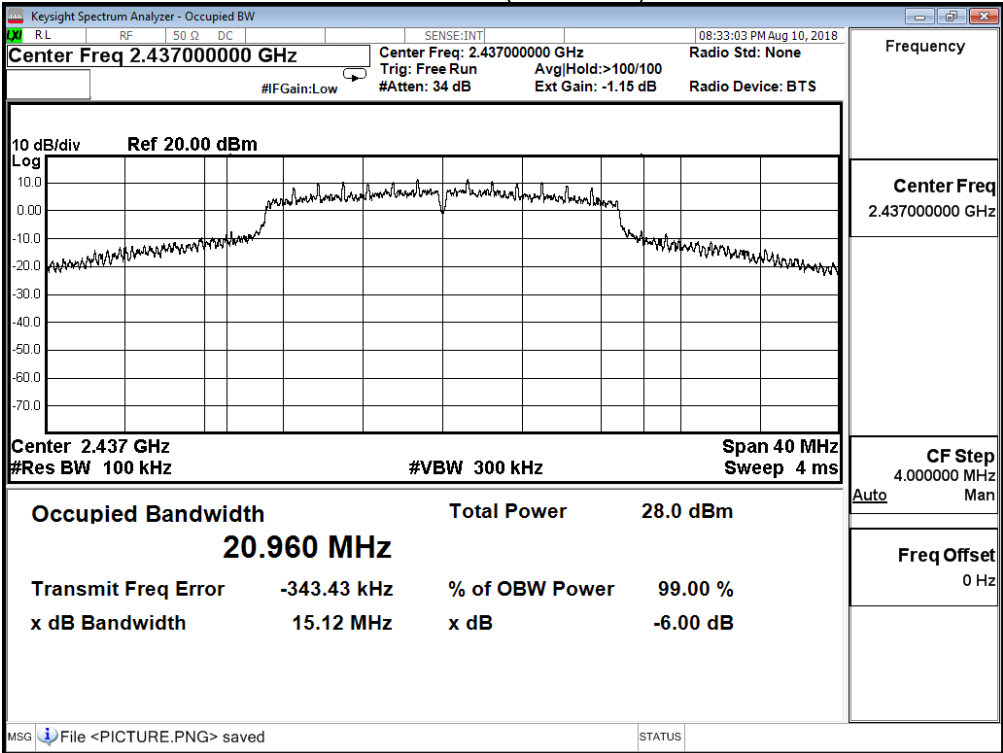
IEEE 802.11n 20M (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.120	≥ 0.5	Pass
6	2437	15.120	≥ 0.5	Pass
11	2462	15.110	≥ 0.5	Pass

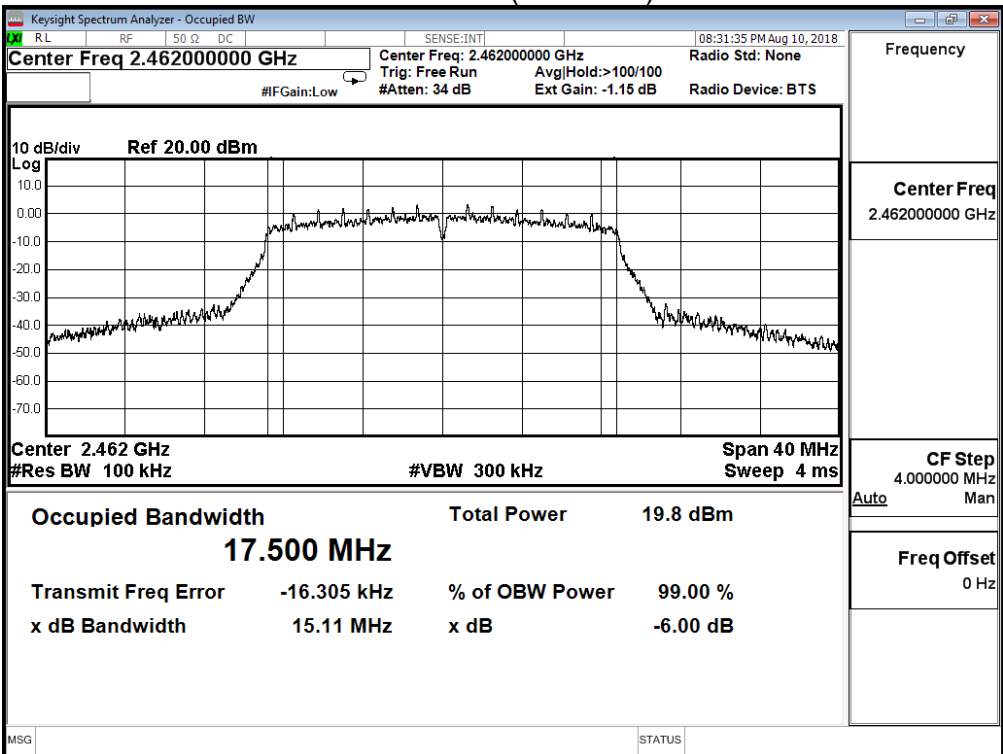
Channel 1 (2412MHz)



Channel 6 (2437MHz)



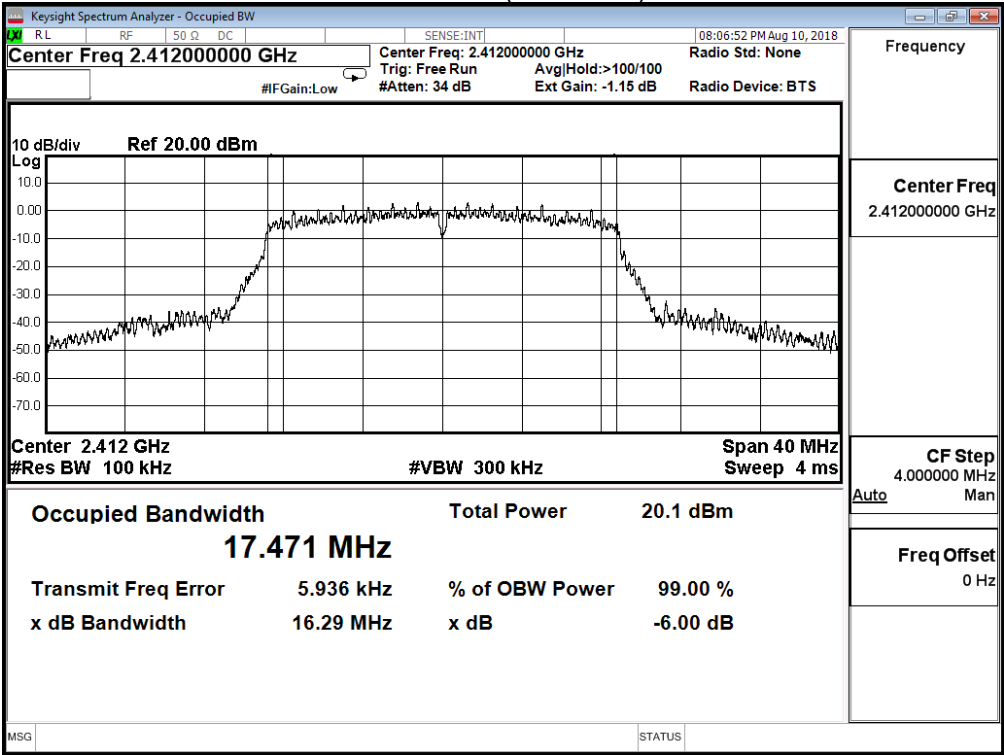
Channel 11 (2462MHz)



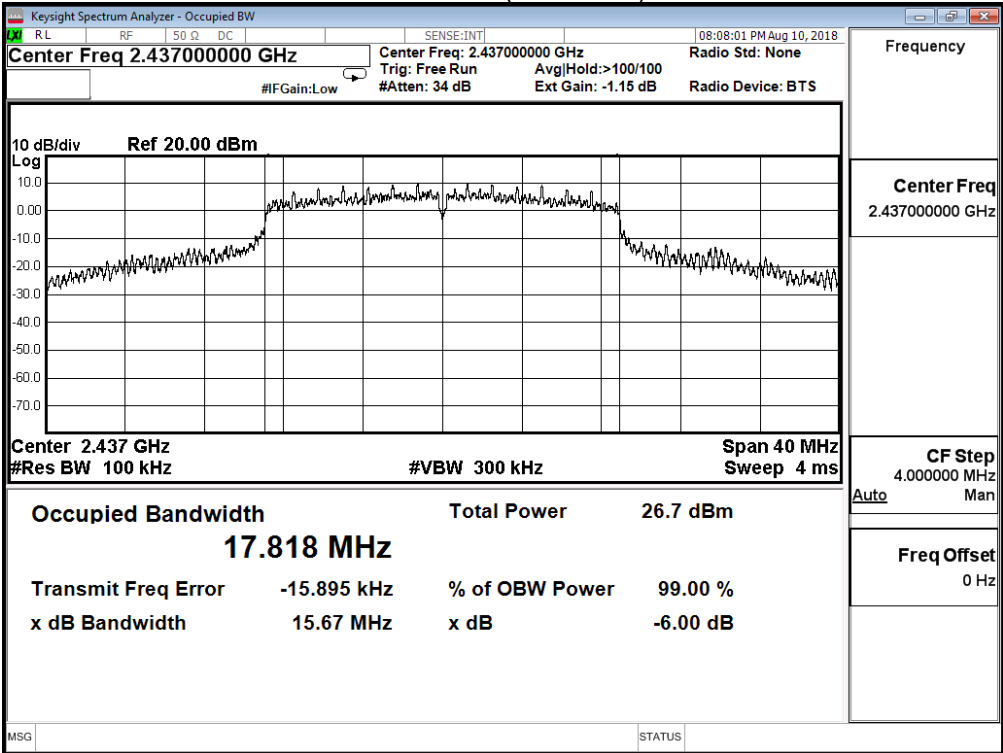
產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬 (DTS)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

IEEE 802.11n 20M (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	16.290	≥ 0.5	Pass
6	2437	15.670	≥ 0.5	Pass
11	2462	15.700	≥ 0.5	Pass

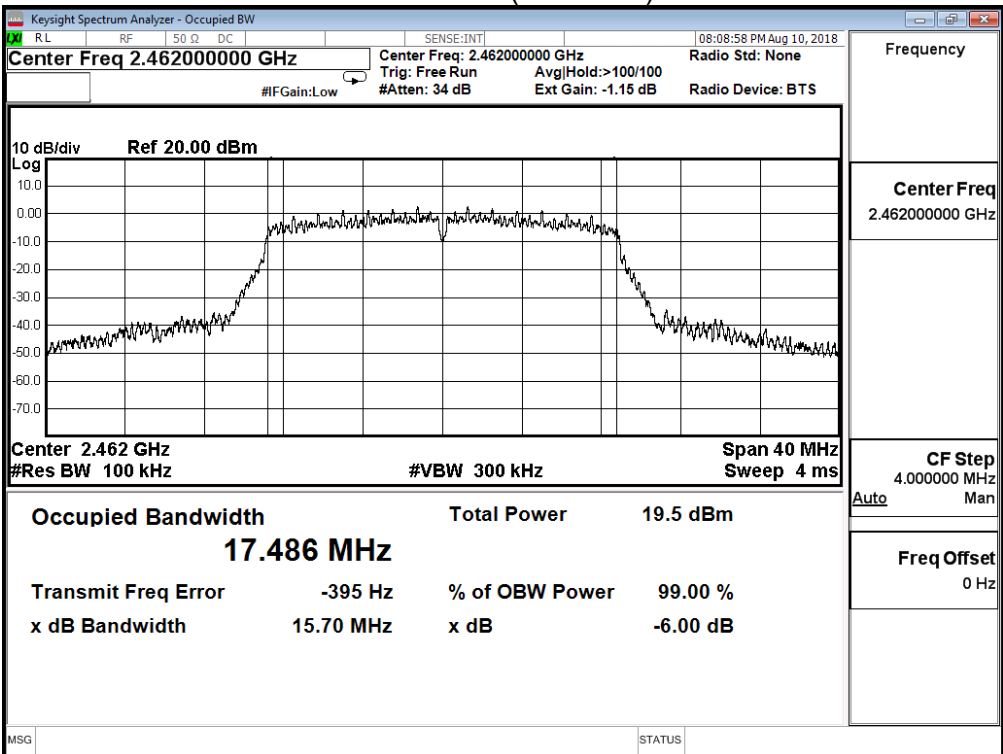
Channel 1 (2412MHz)



Channel 6 (2437MHz)



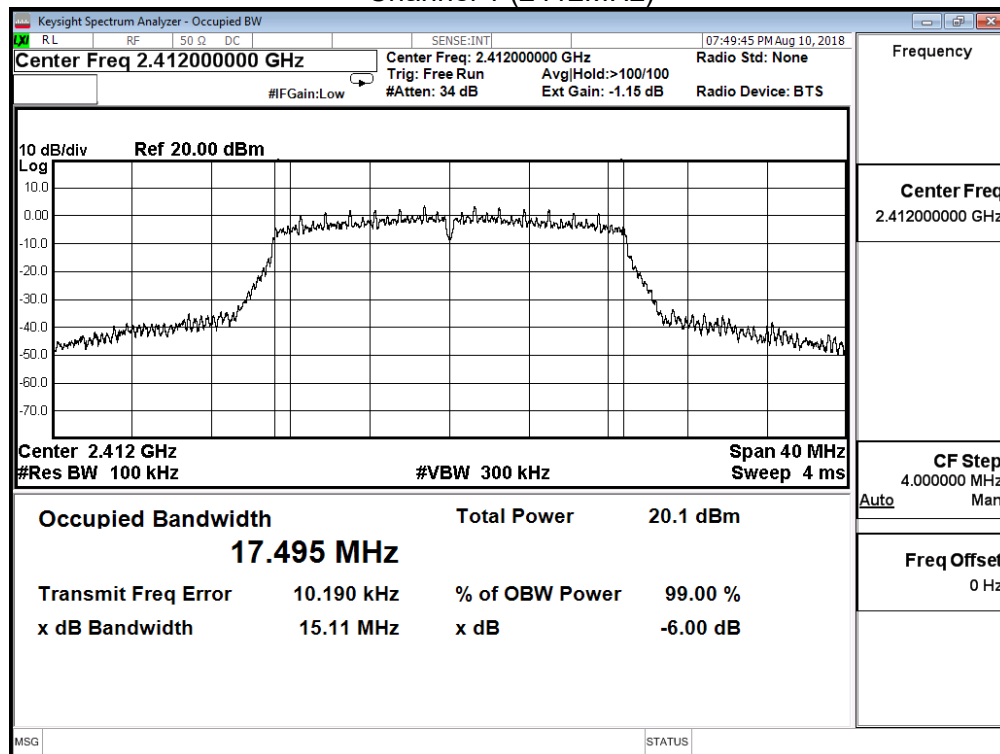
Channel 11 (2462MHz)



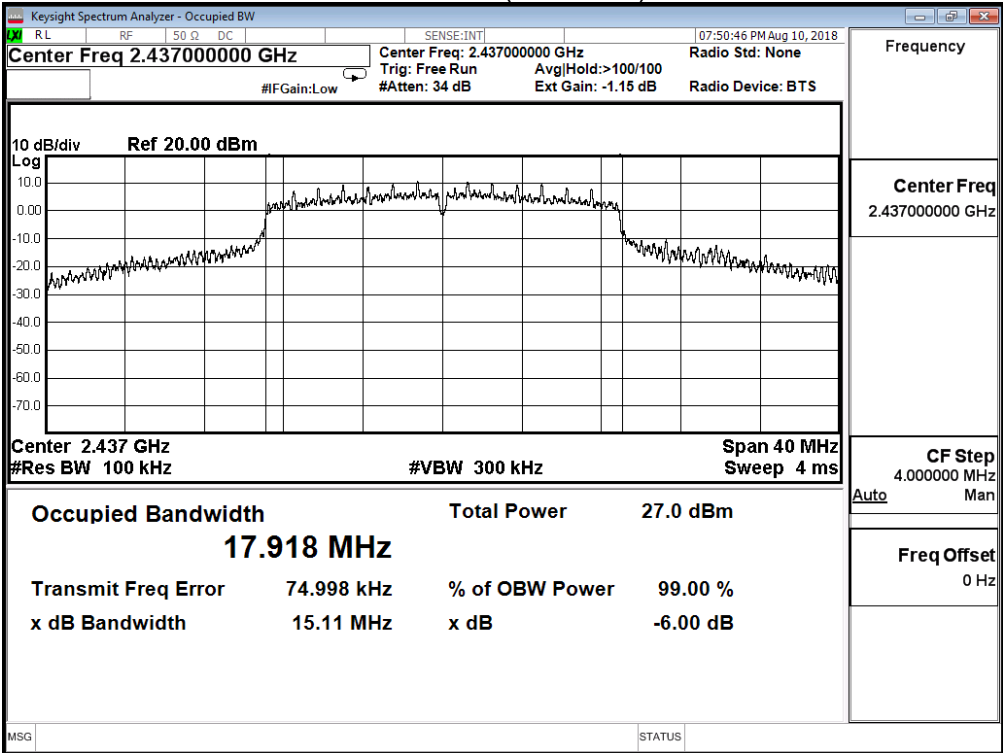
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測試日期	2018/08/10	測試場地	SR10-H

IEEE 802.11n 20M (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.110	≥ 0.5	Pass
6	2437	15.110	≥ 0.5	Pass
11	2462	15.120	≥ 0.5	Pass

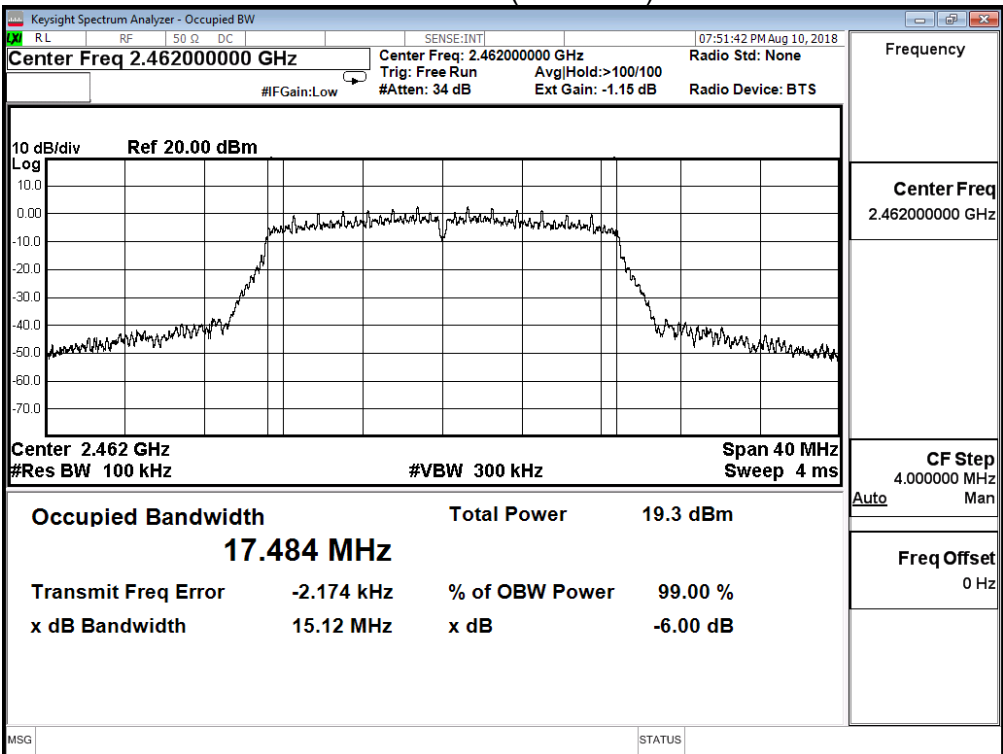
Channel 1 (2412MHz)



Channel 6 (2437MHz)



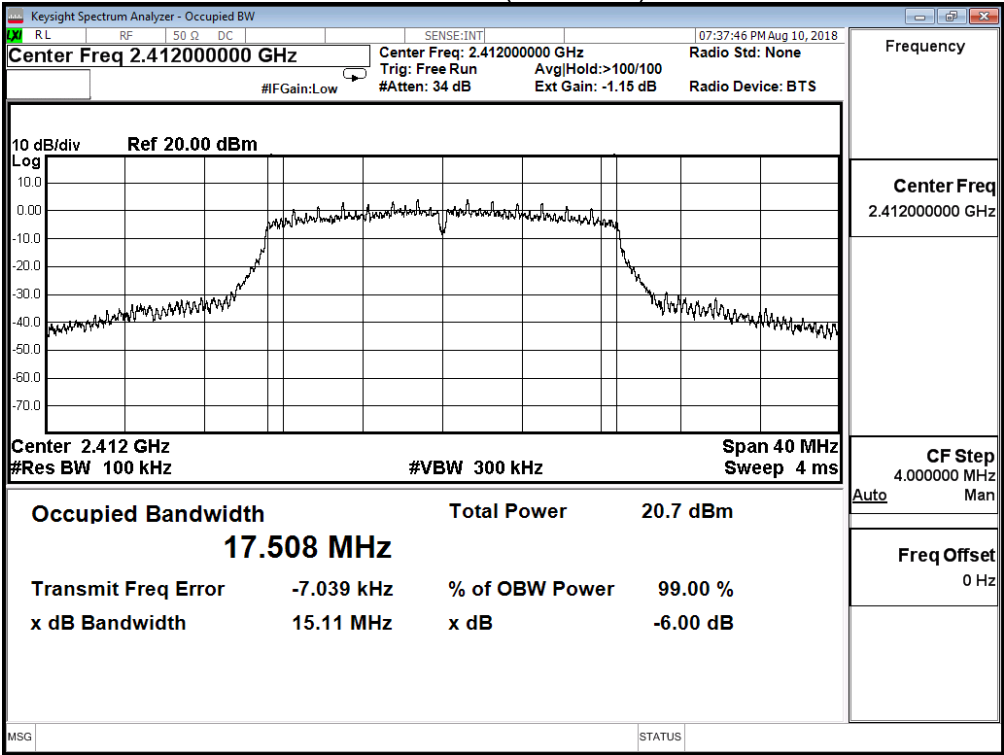
Channel 11 (2462MHz)



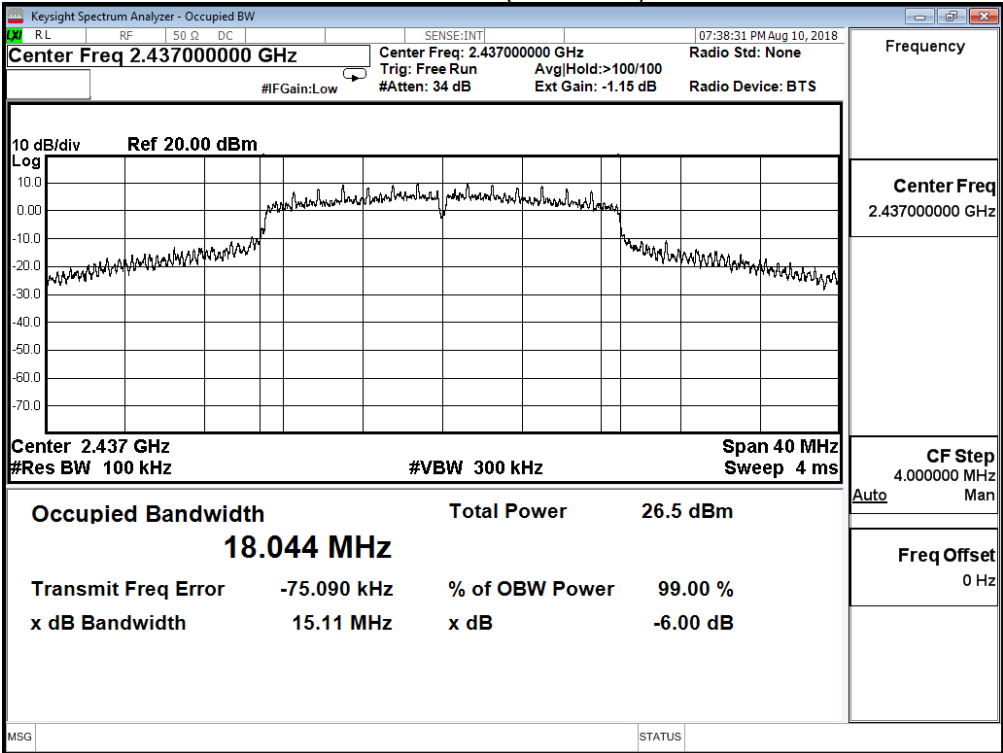
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測試項目	佔用頻帶寬 (DTS)		
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IEEE 802.11n 20M (ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.110	≥ 0.5	Pass
6	2437	15.110	≥ 0.5	Pass
11	2462	15.110	≥ 0.5	Pass

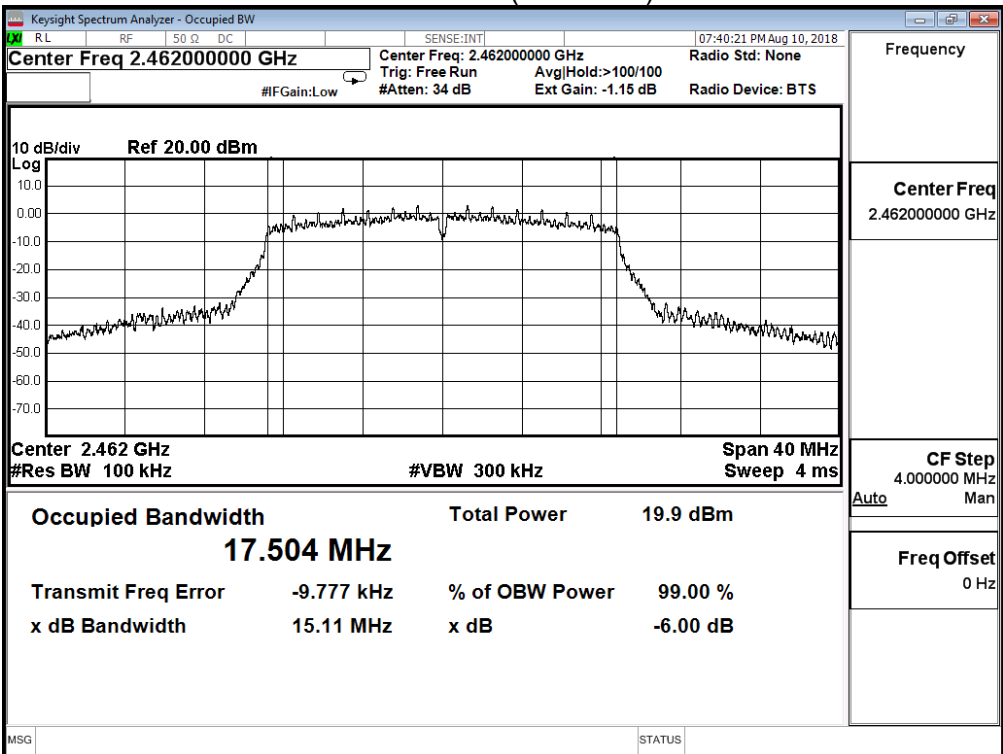
Channel 1 (2412MHz)



Channel 6 (2437MHz)



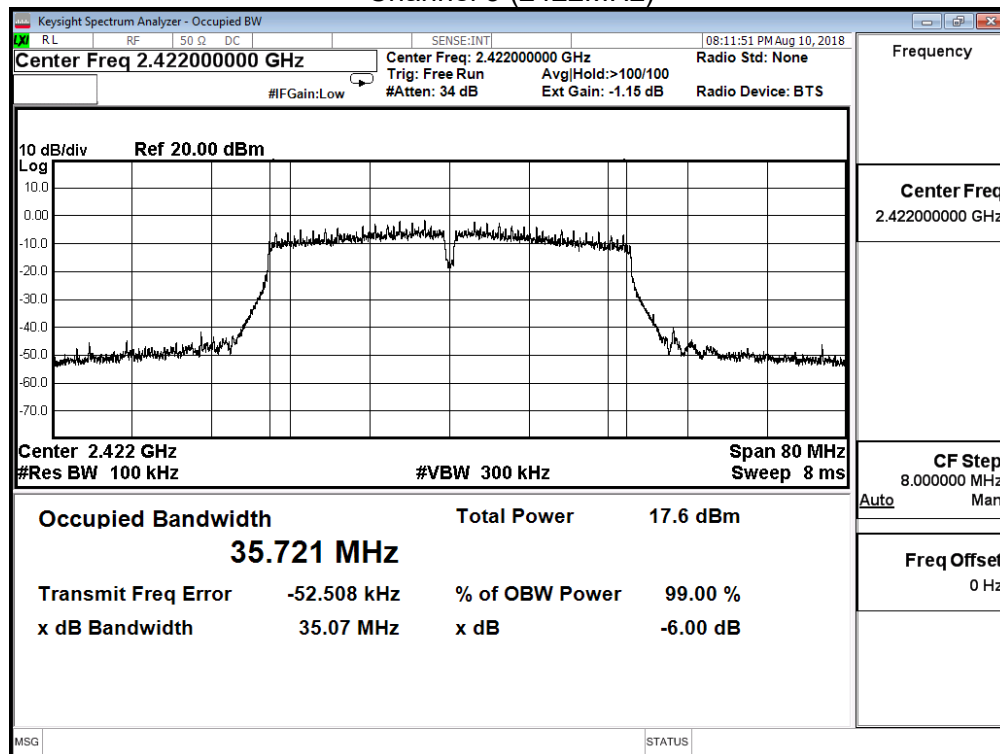
Channel 11 (2462MHz)



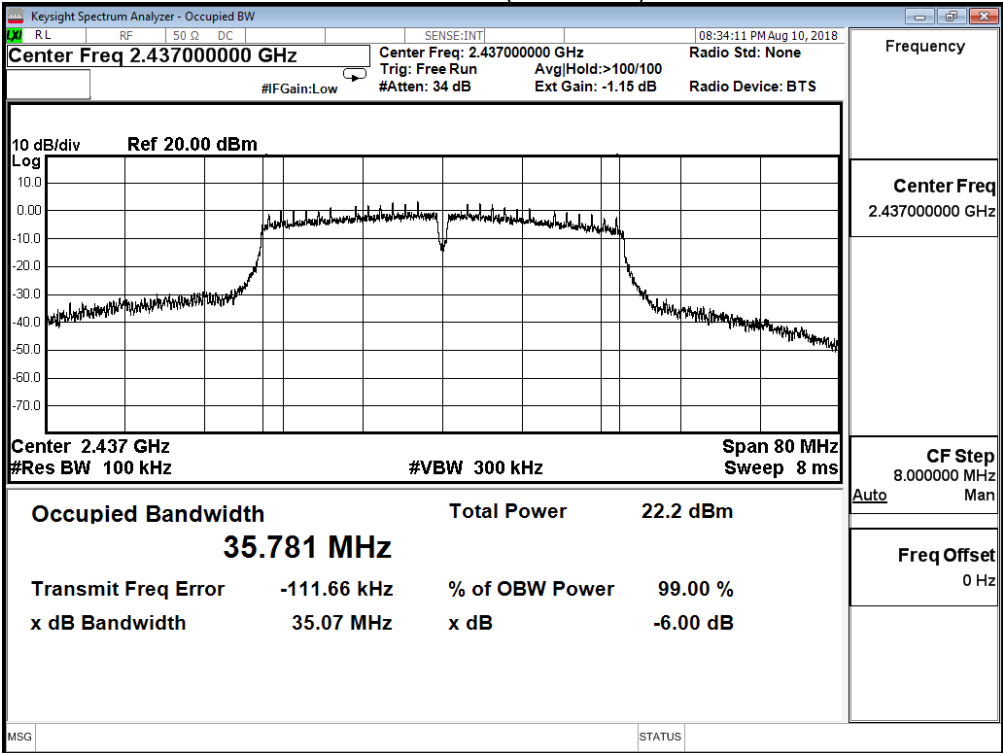
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測試日期	2018/08/10	測試場地	SR10-H

IEEE 802.11n 40M (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	35.070	≥ 0.5	Pass
6	2437	35.070	≥ 0.5	Pass
9	2452	35.080	≥ 0.5	Pass

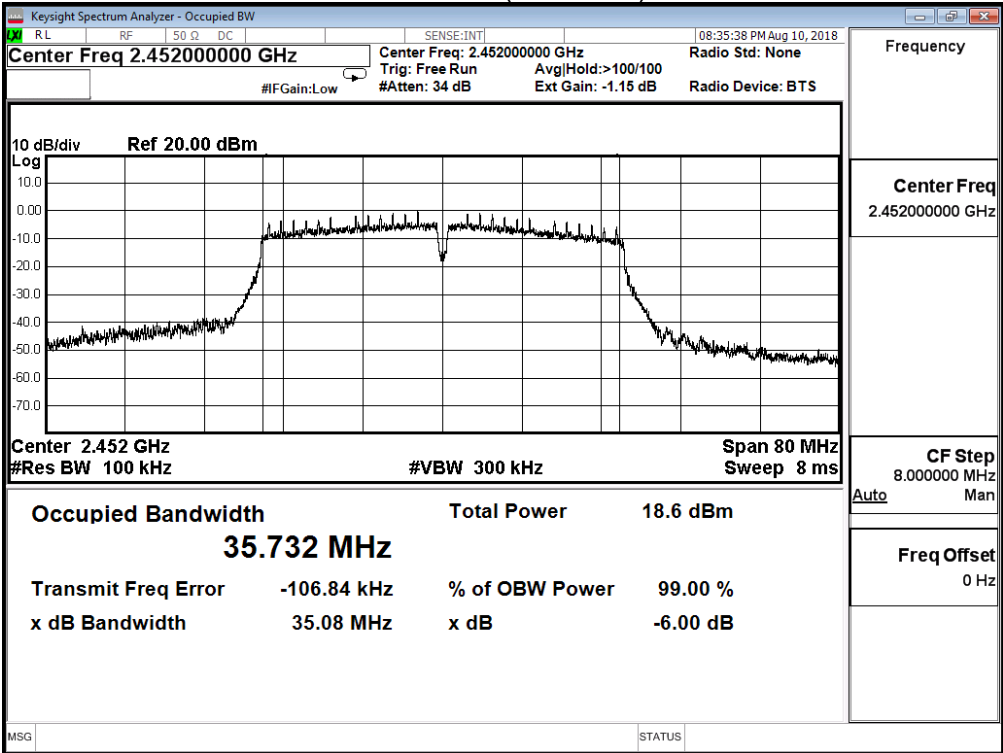
Channel 3 (2422MHz)



Channel 6 (2437MHz)



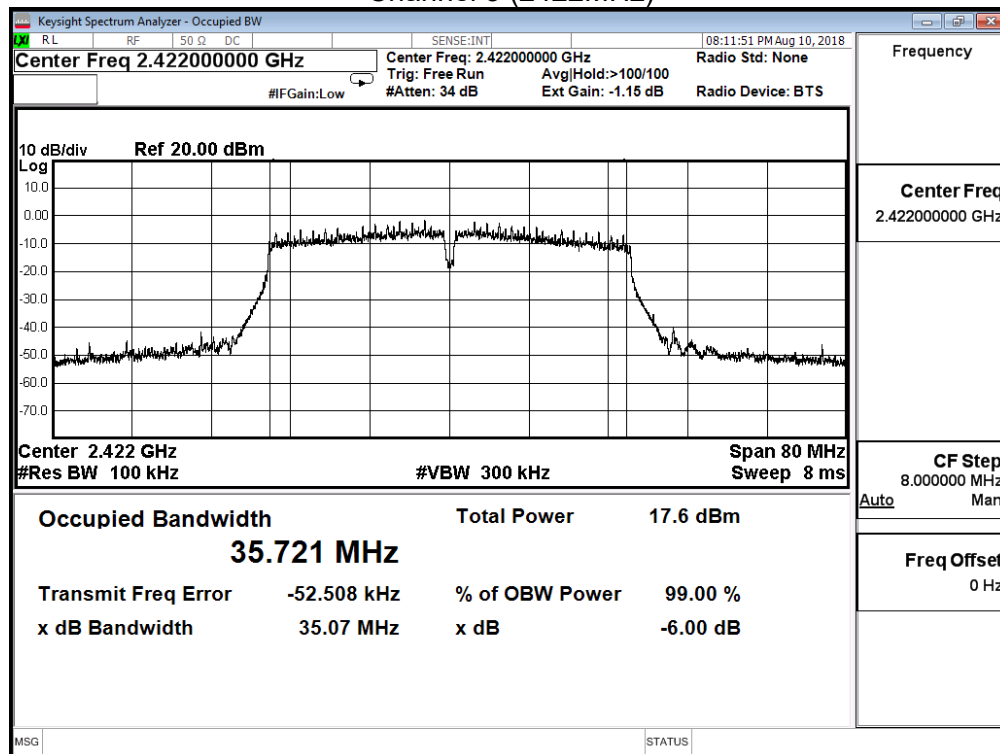
Channel 9 (2452MHz)



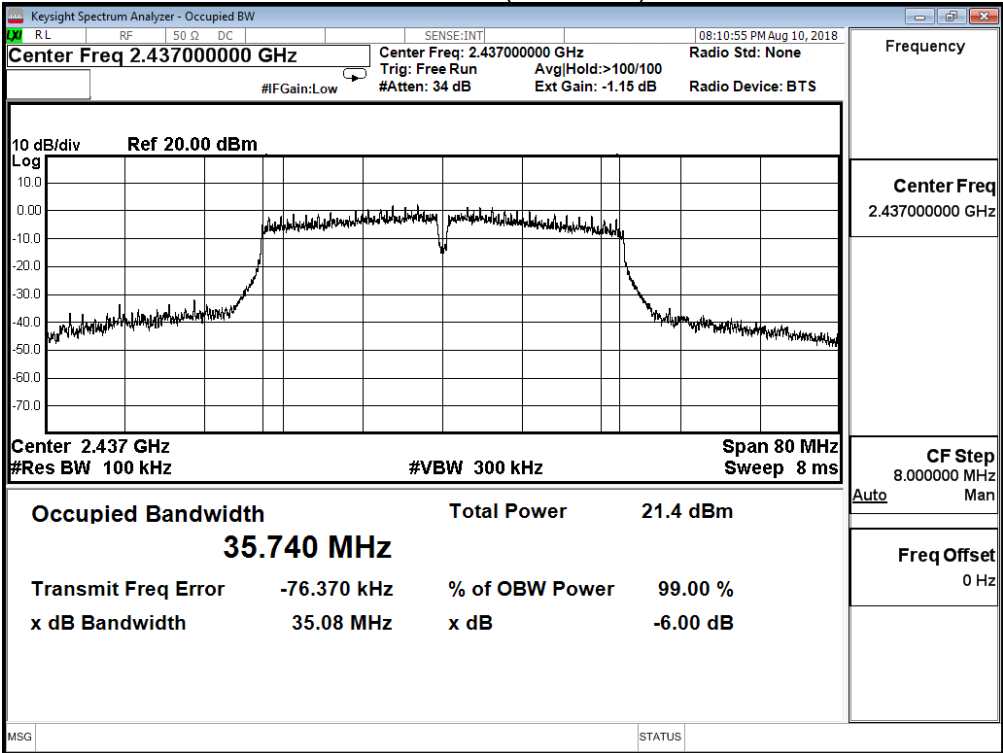
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測試項目	佔用頻帶寬 (DTS)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

IEEE 802.11n 40M (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	35.070	≥ 0.5	Pass
6	2437	35.080	≥ 0.5	Pass
9	2452	35.080	≥ 0.5	Pass

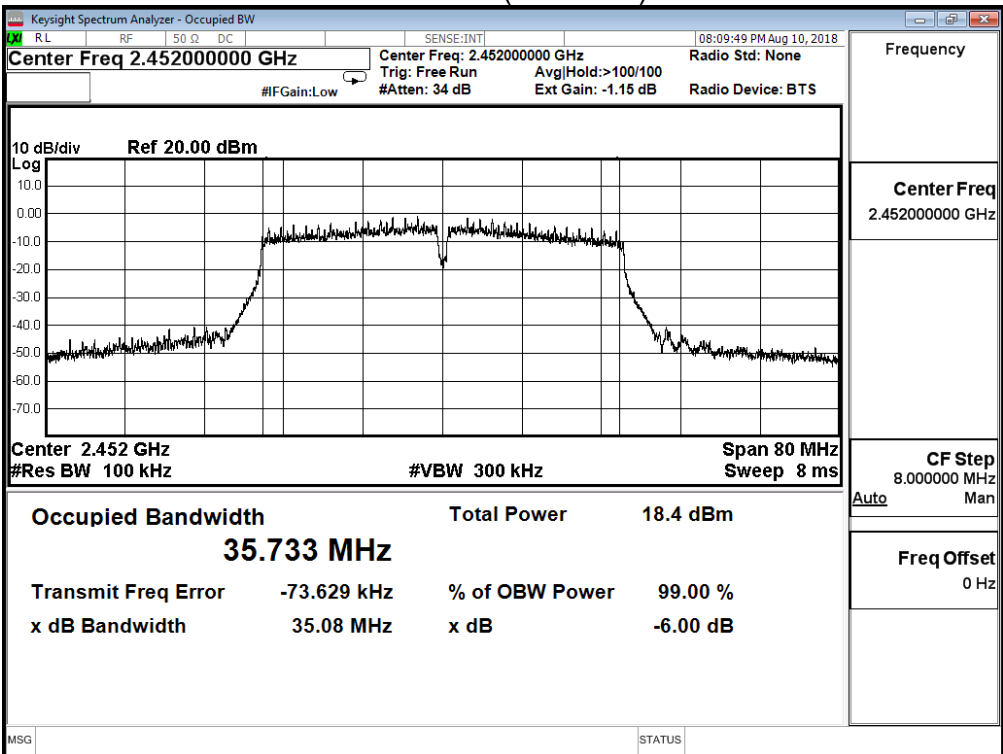
Channel 3 (2422MHz)



Channel 6 (2437MHz)



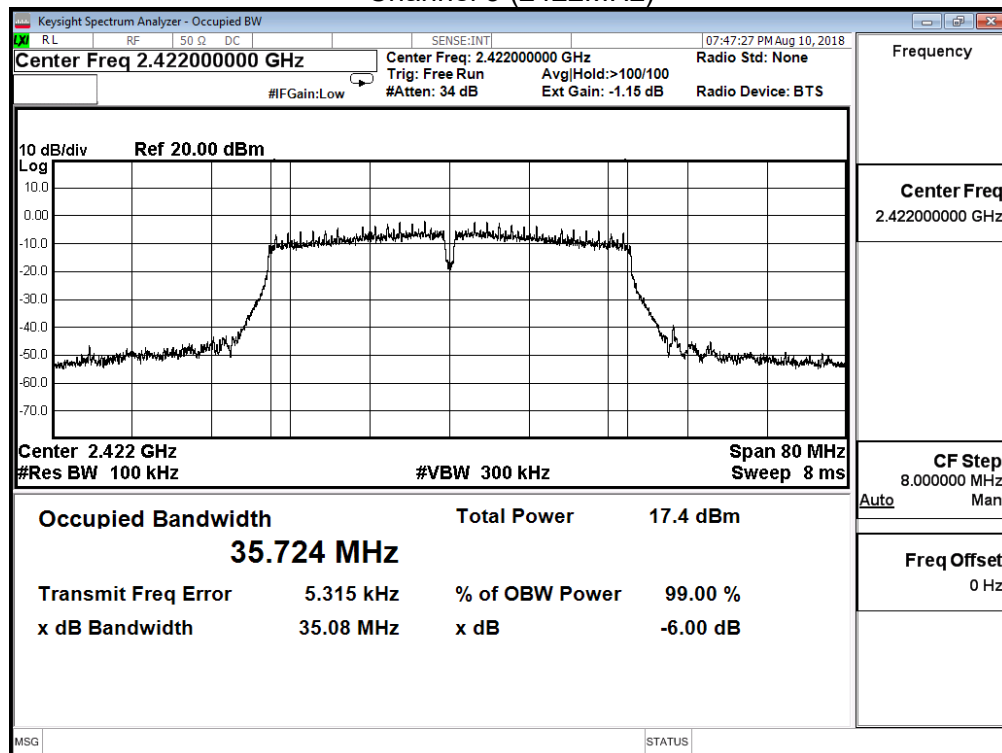
Channel 9 (2452MHz)



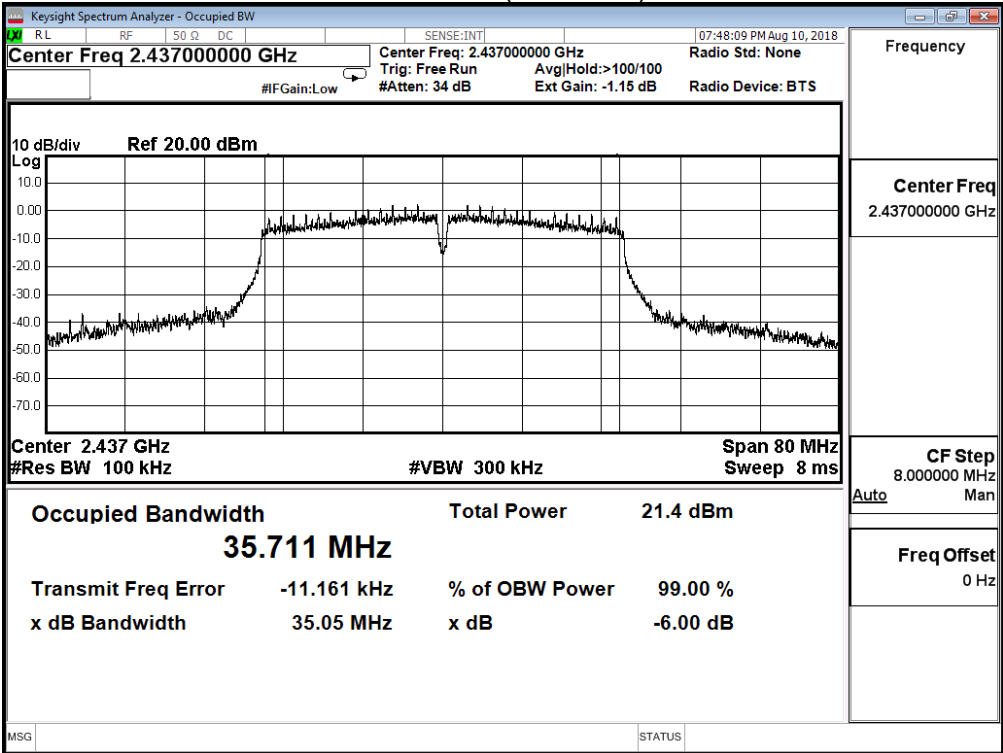
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測試日期	2018/08/10	測試場地	SR10-H

IEEE 802.11n 40M (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	35.080	≥ 0.5	Pass
6	2437	35.050	≥ 0.5	Pass
9	2452	35.070	≥ 0.5	Pass

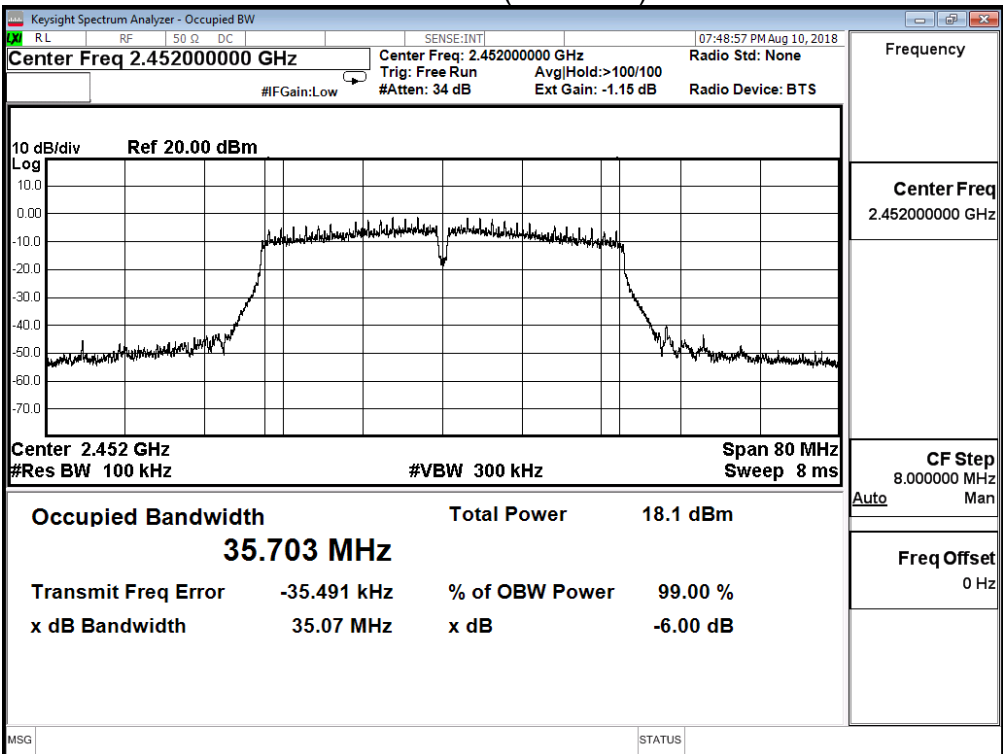
Channel 3 (2422MHz)



Channel 6 (2437MHz)



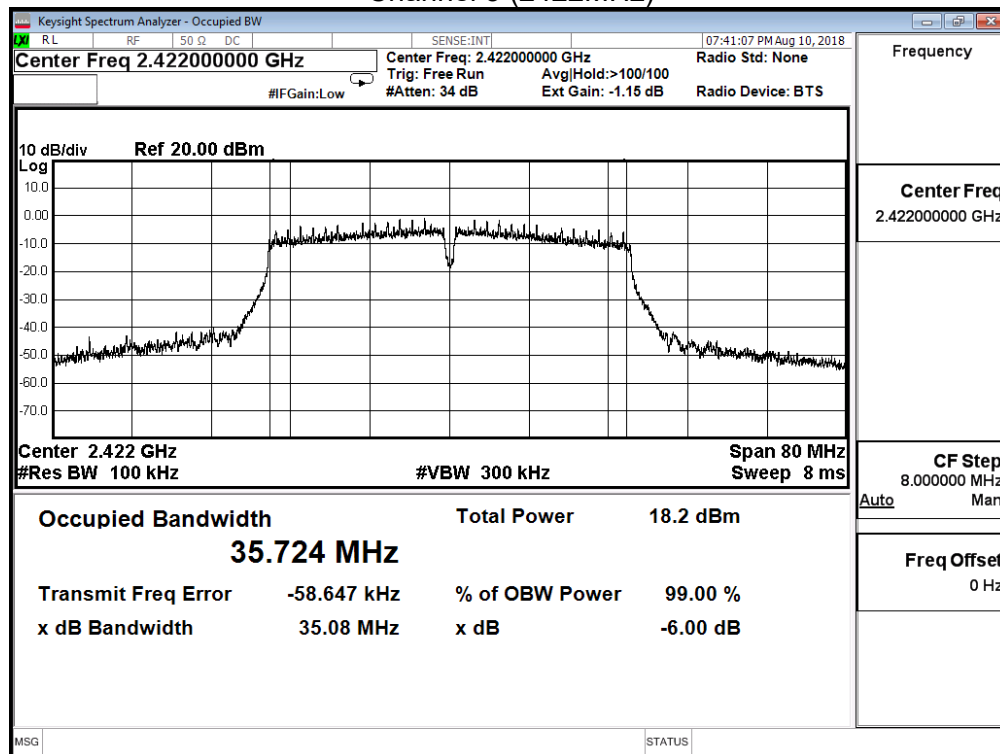
Channel 9 (2452MHz)



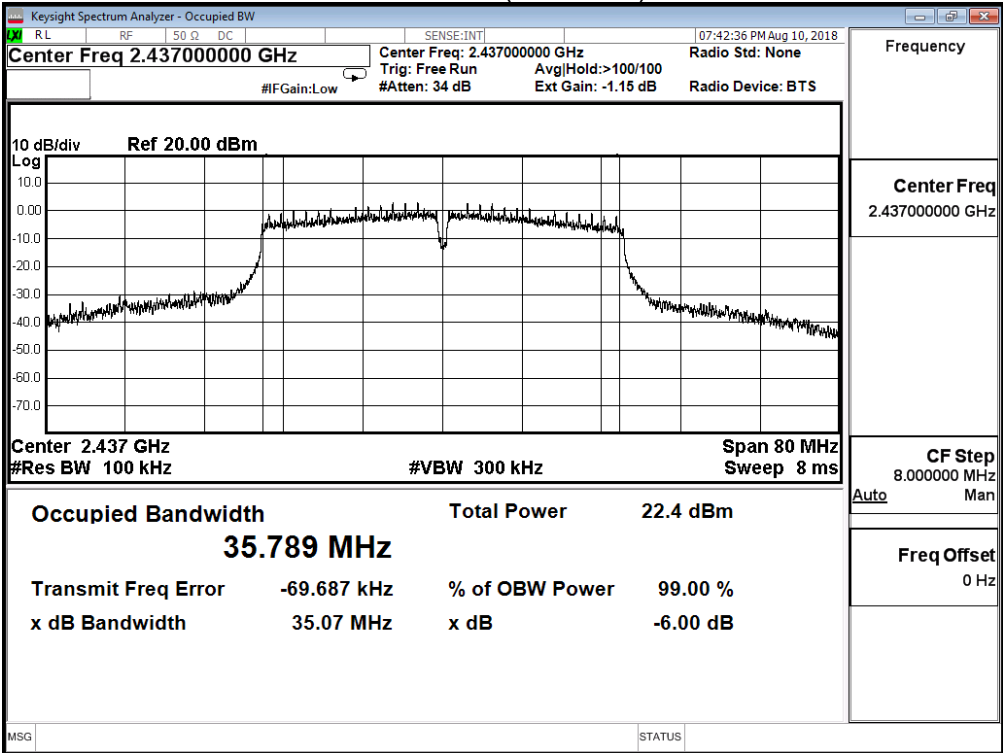
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IEEE 802.11n 40M (ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	35.080	≥ 0.5	Pass
6	2437	35.070	≥ 0.5	Pass
9	2452	35.080	≥ 0.5	Pass

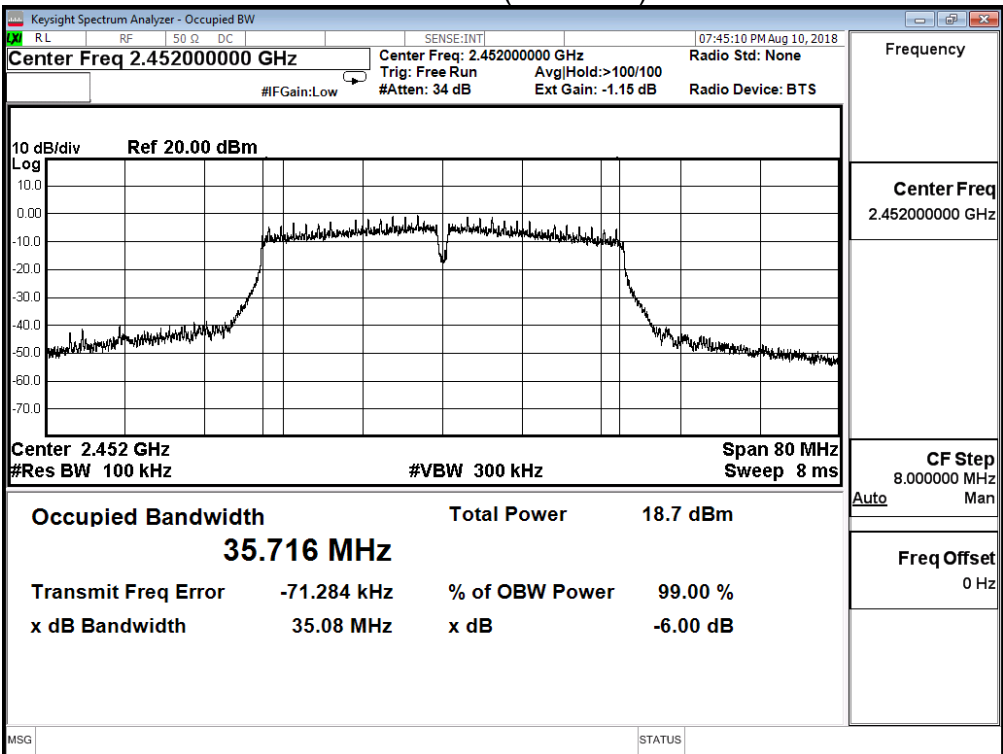
Channel 3 (2422MHz)



Channel 6 (2437MHz)



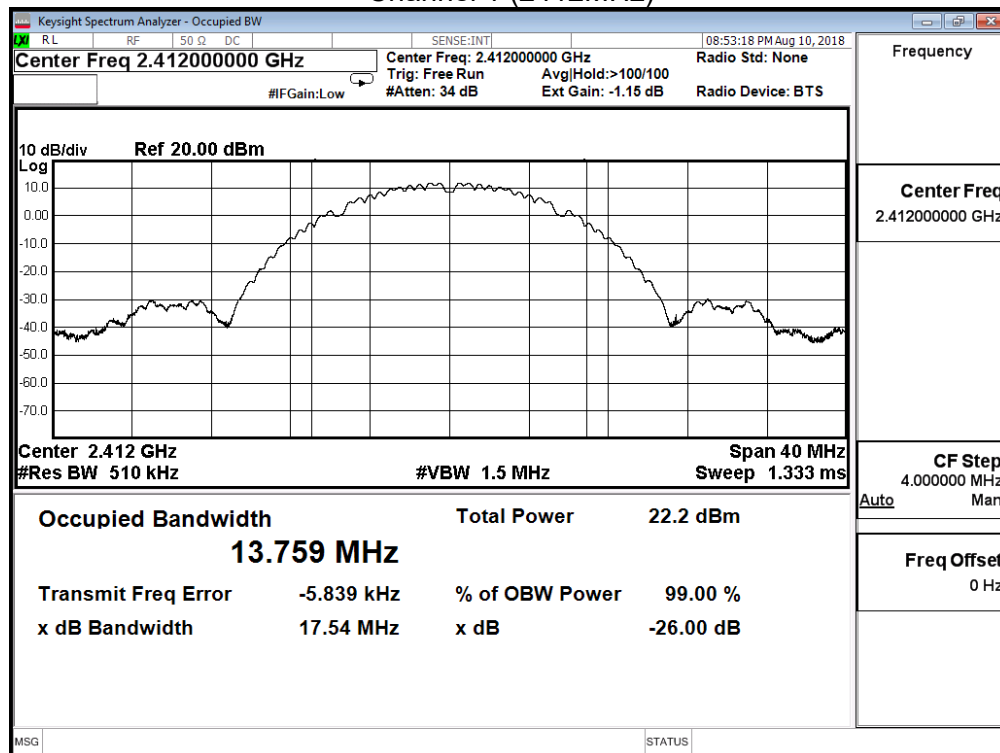
Channel 9 (2452MHz)



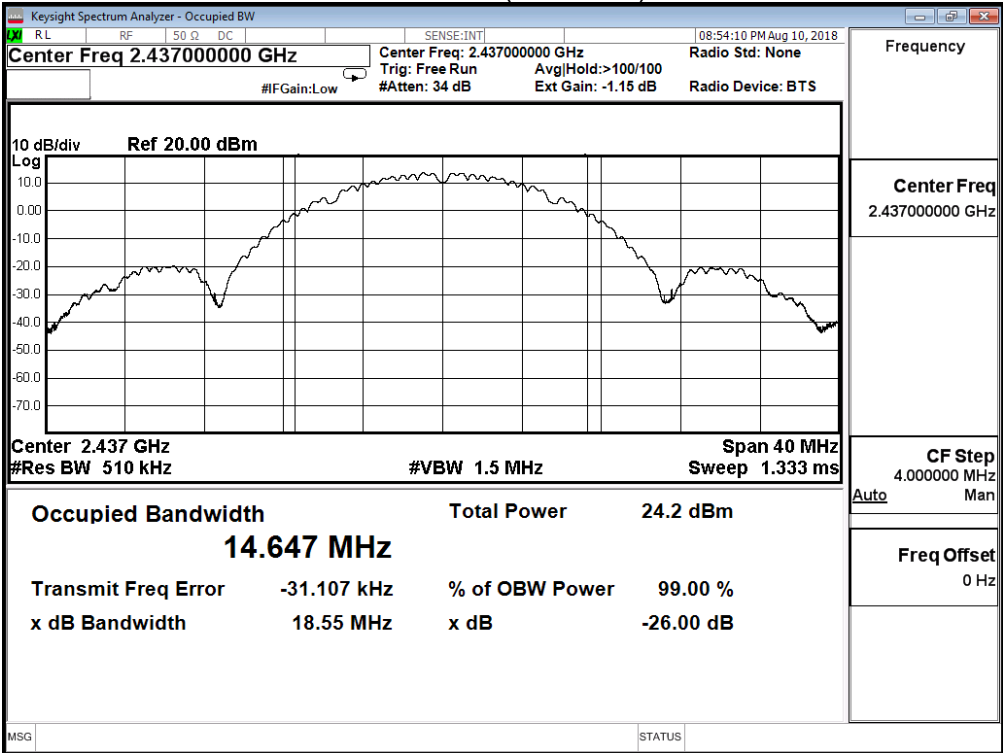
產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬(99%)		
測試模式	Mode 1: Transmit Mode _CDD_ WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

802.11b (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	13.759	---
6	2437	14.647	---
11	2462	13.483	---

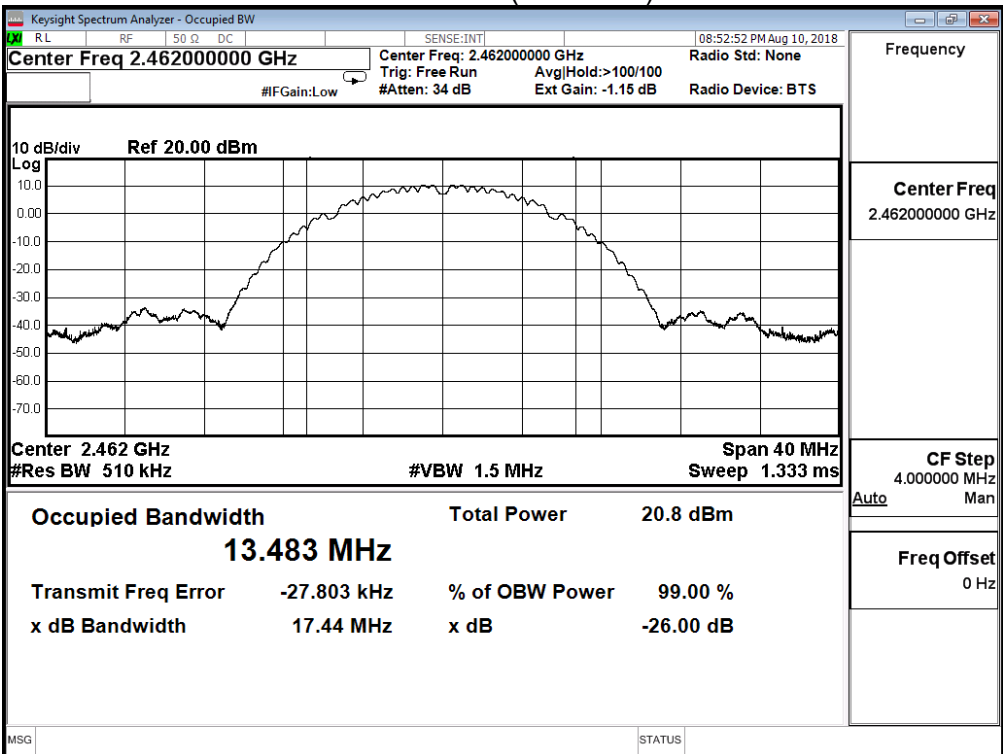
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

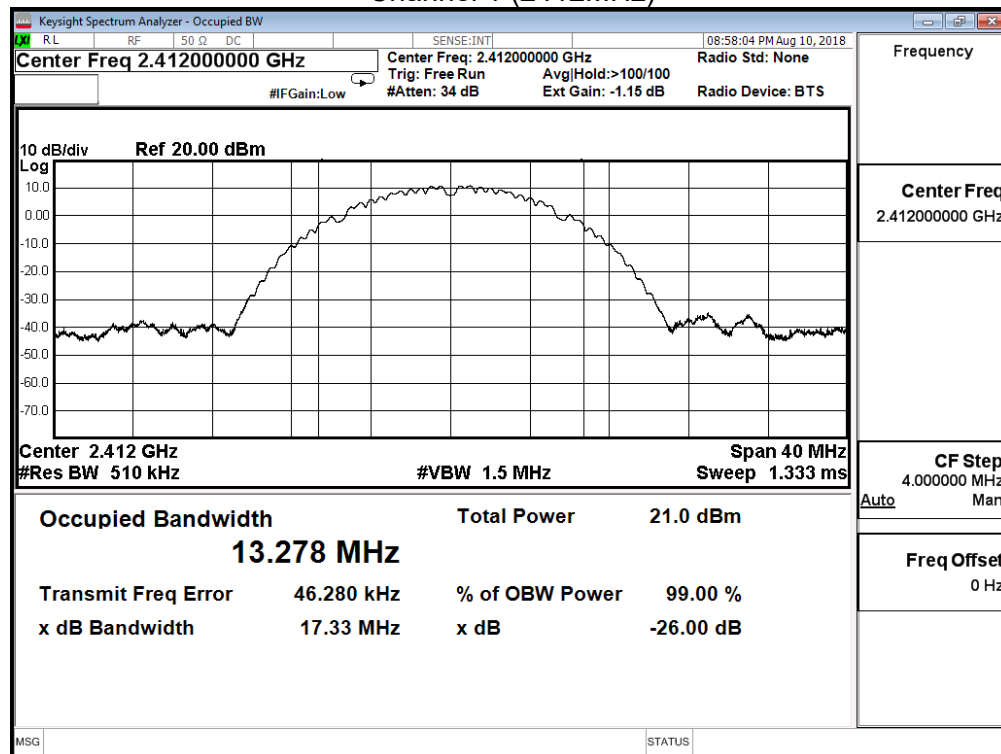


產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬(99%)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

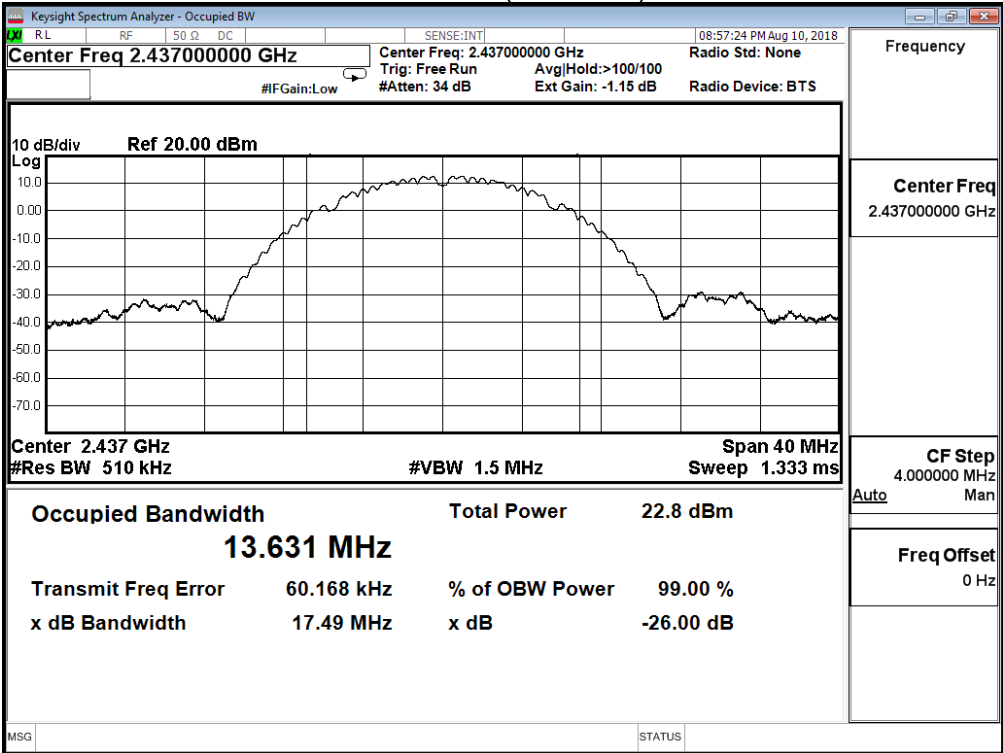
802.11b (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	13.278	---
6	2437	13.631	---
11	2462	13.339	---

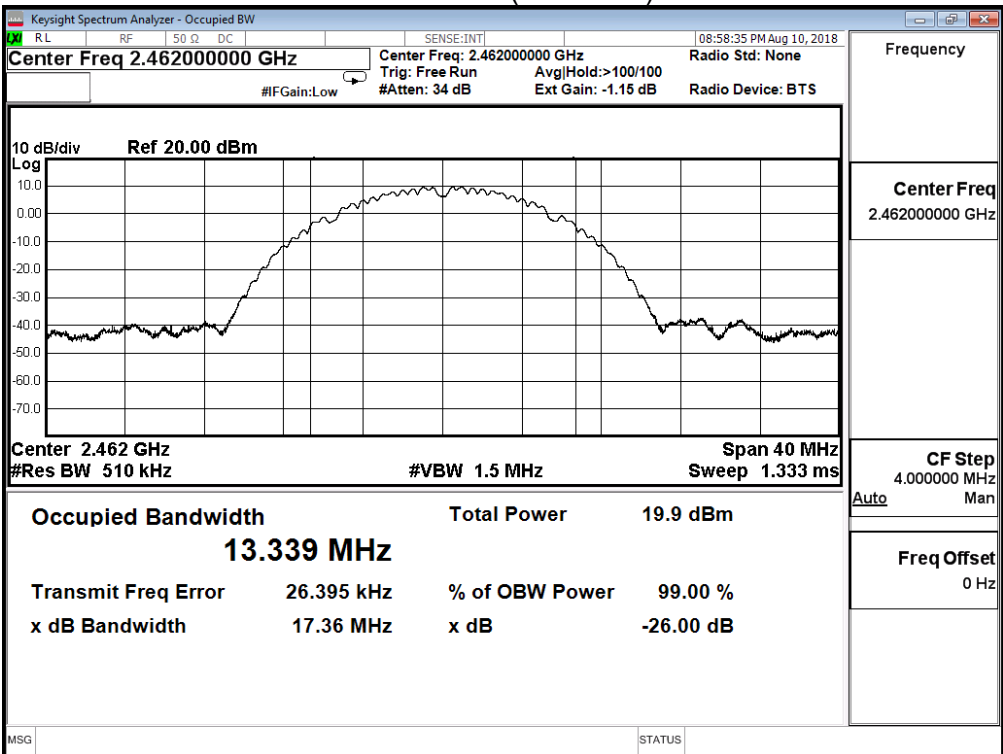
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

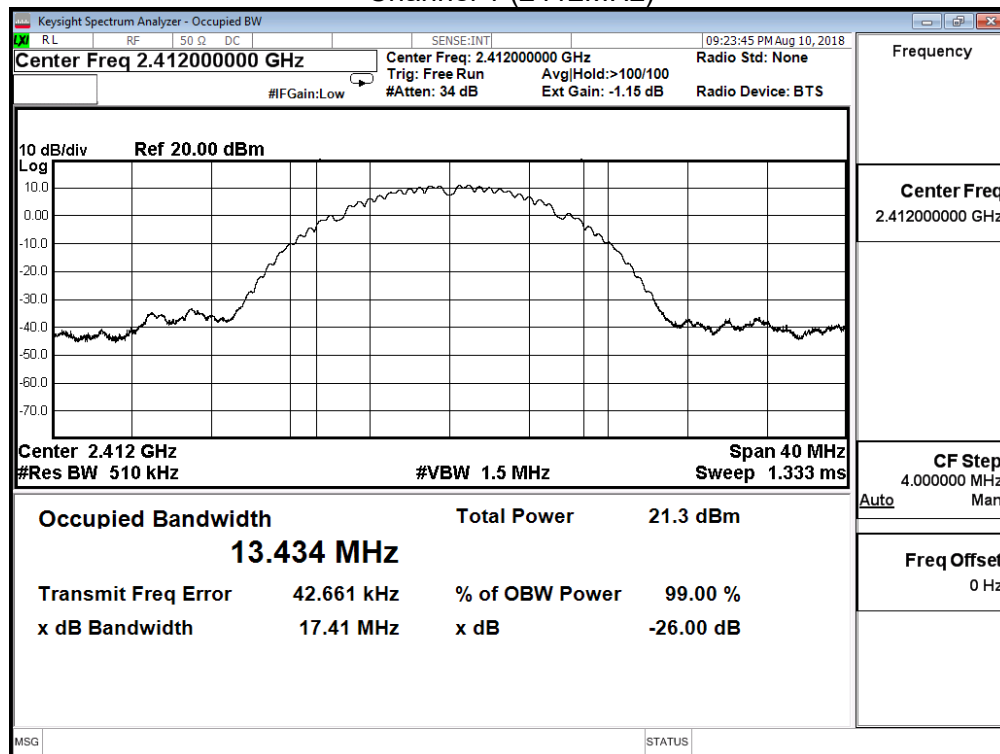


產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬(99%)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

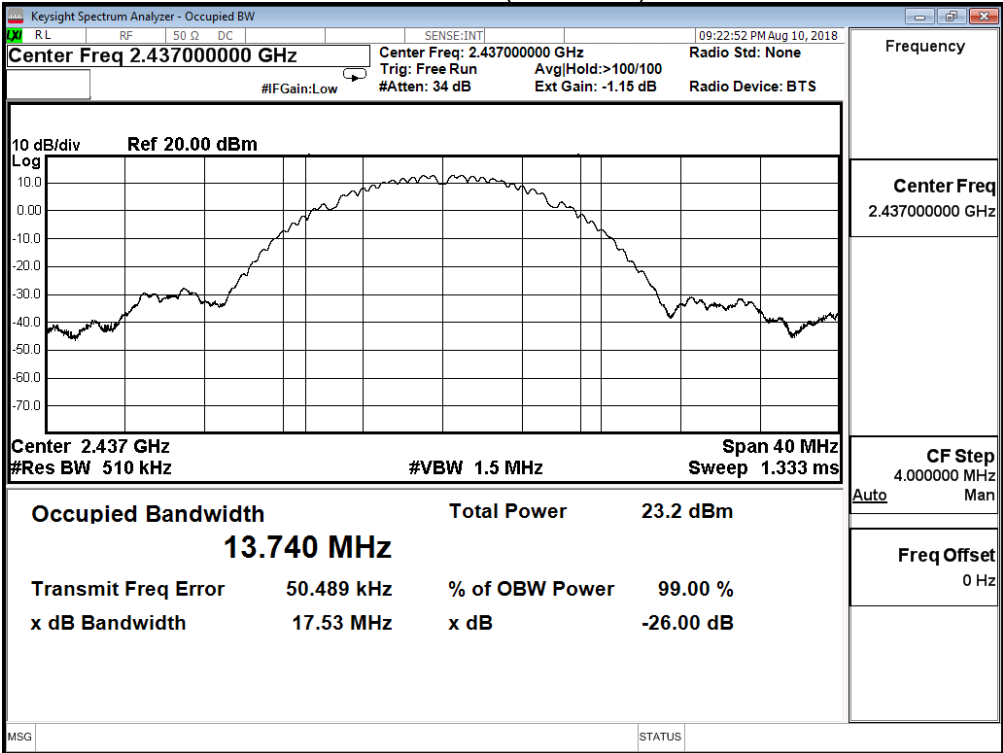
802.11b (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	13.434	---
6	2437	13.740	---
11	2462	13.280	---

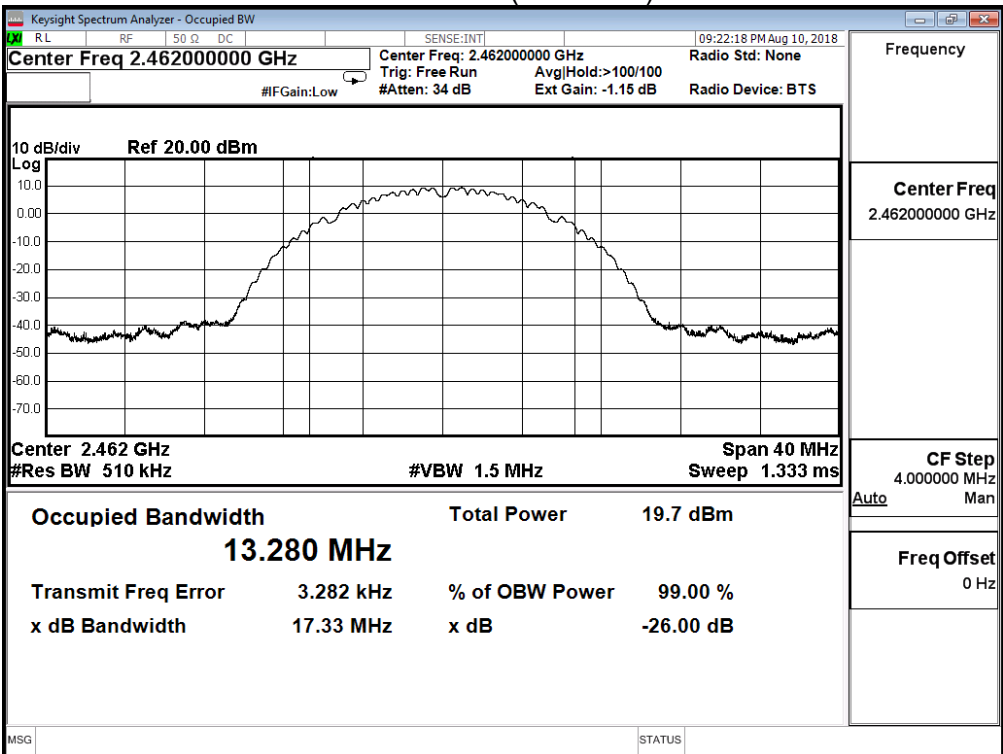
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

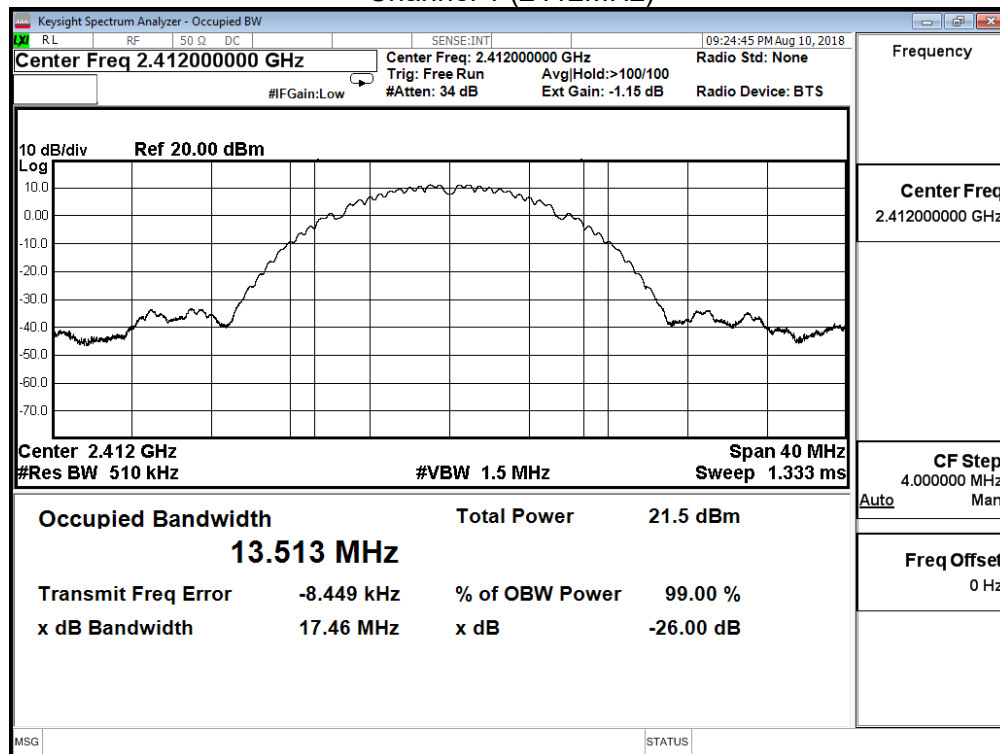


產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬(99%)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

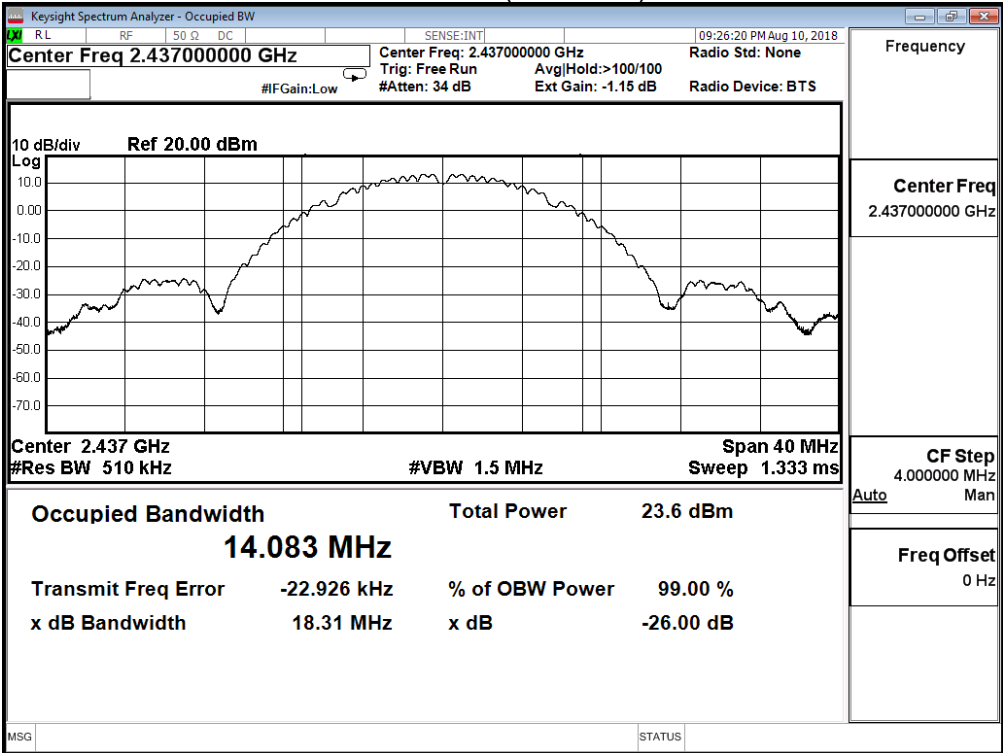
802.11b (ANT 3)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	13.513	---
6	2437	14.083	---
11	2462	13.363	---

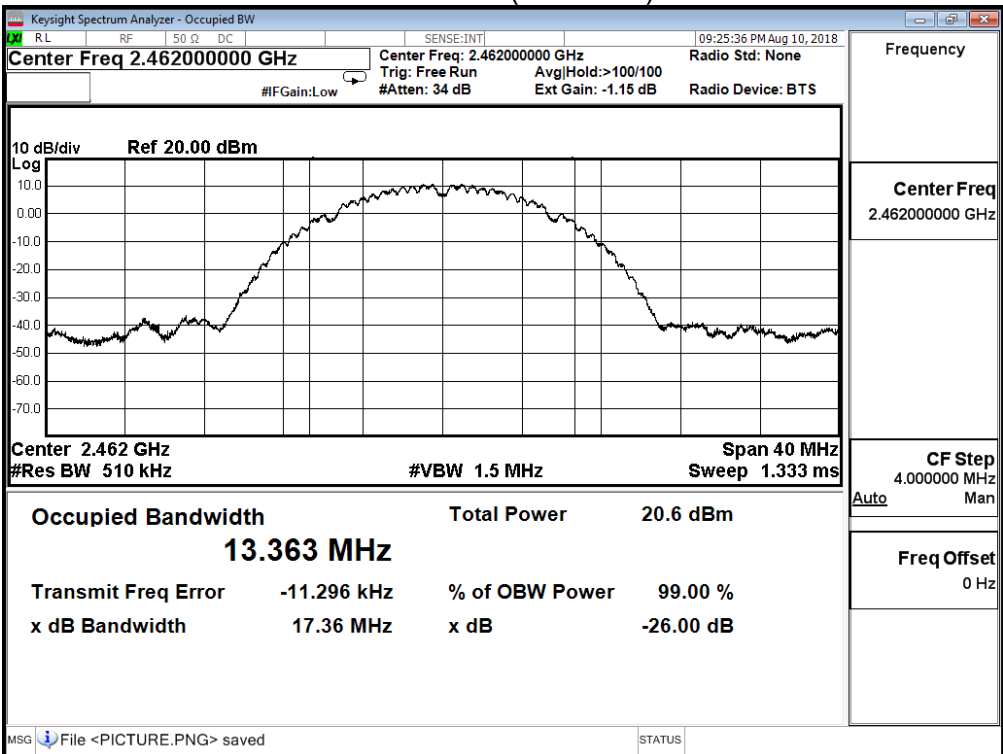
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

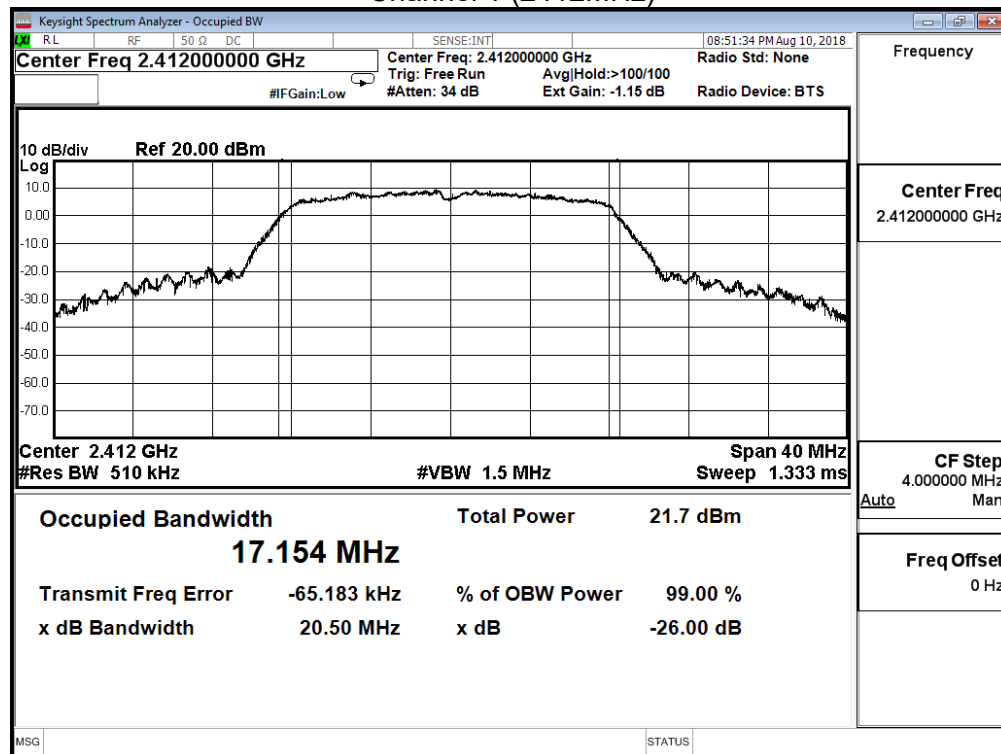


產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬(99%)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

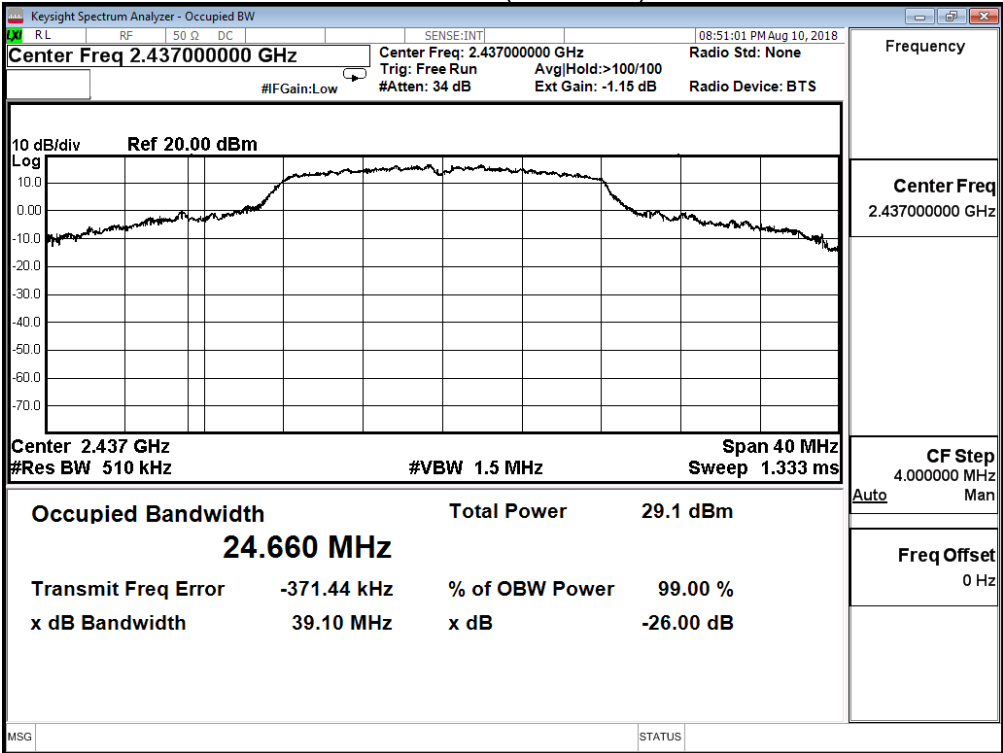
802.11g (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	17.154	---
6	2437	24.660	---
11	2462	17.104	---

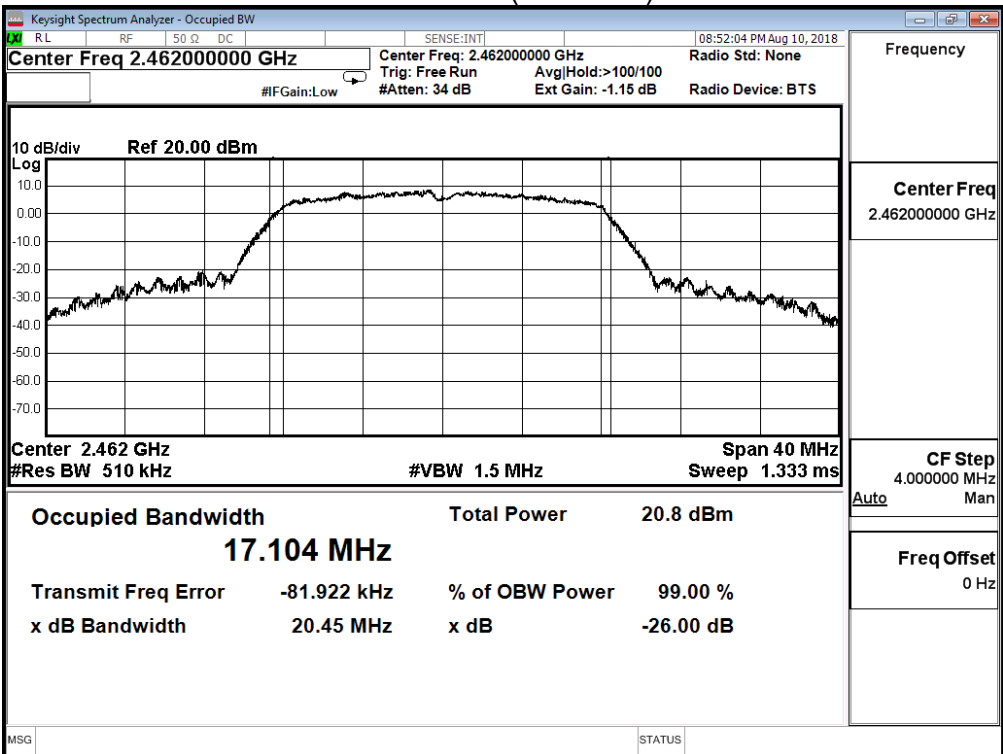
Channel 1 (2412MHz)



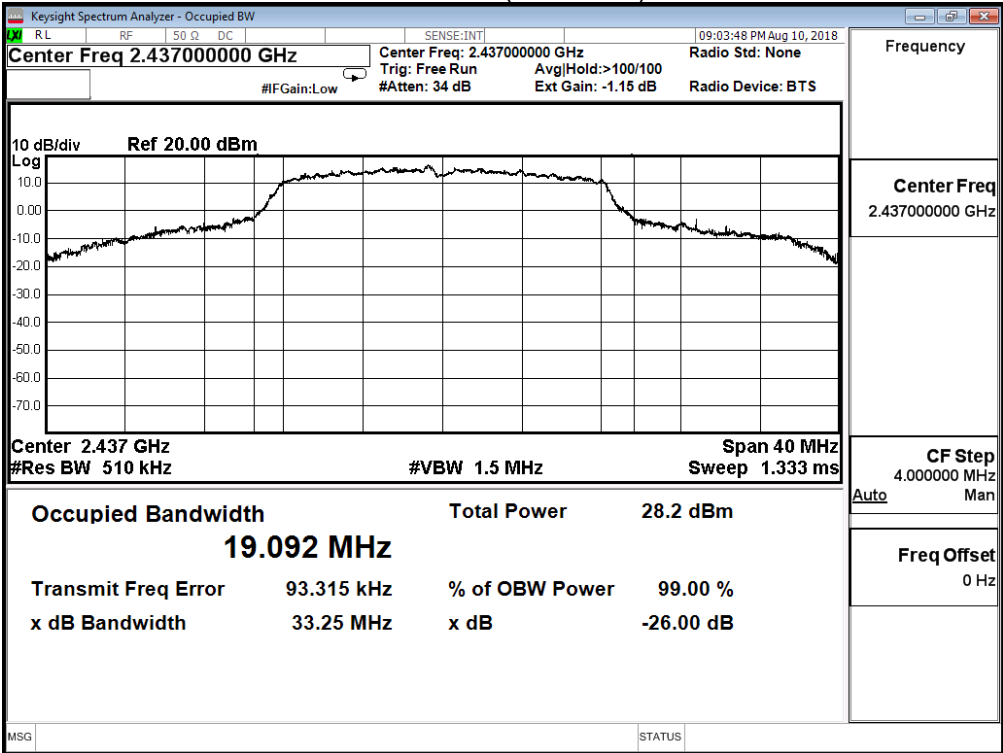
Channel 6 (2437MHz)



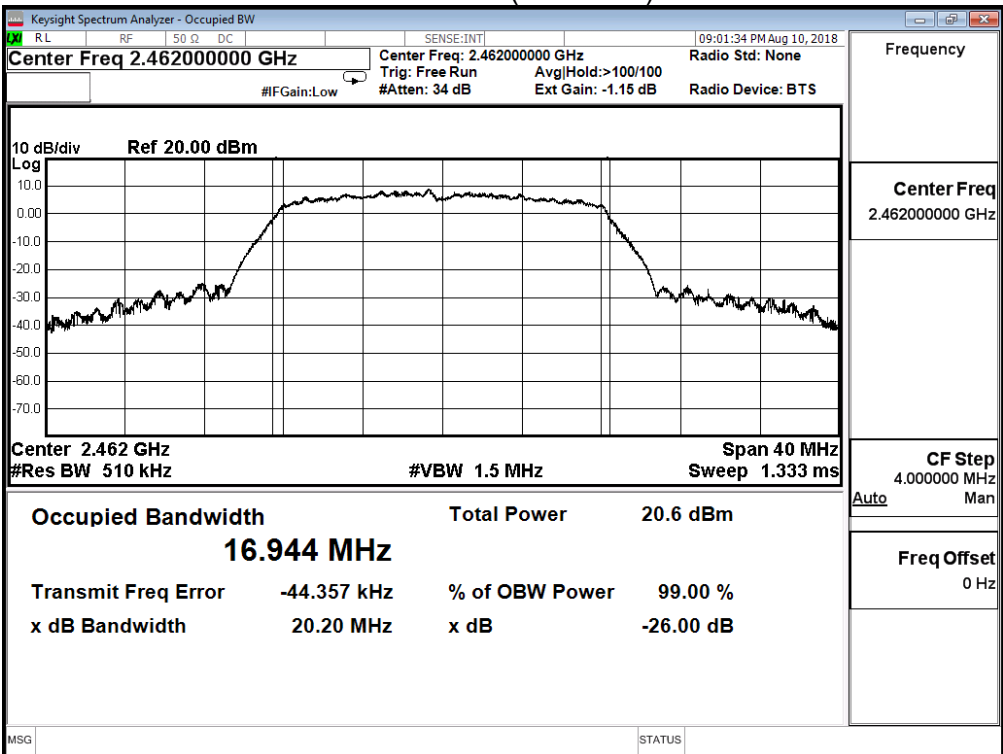
Channel 11 (2462MHz)



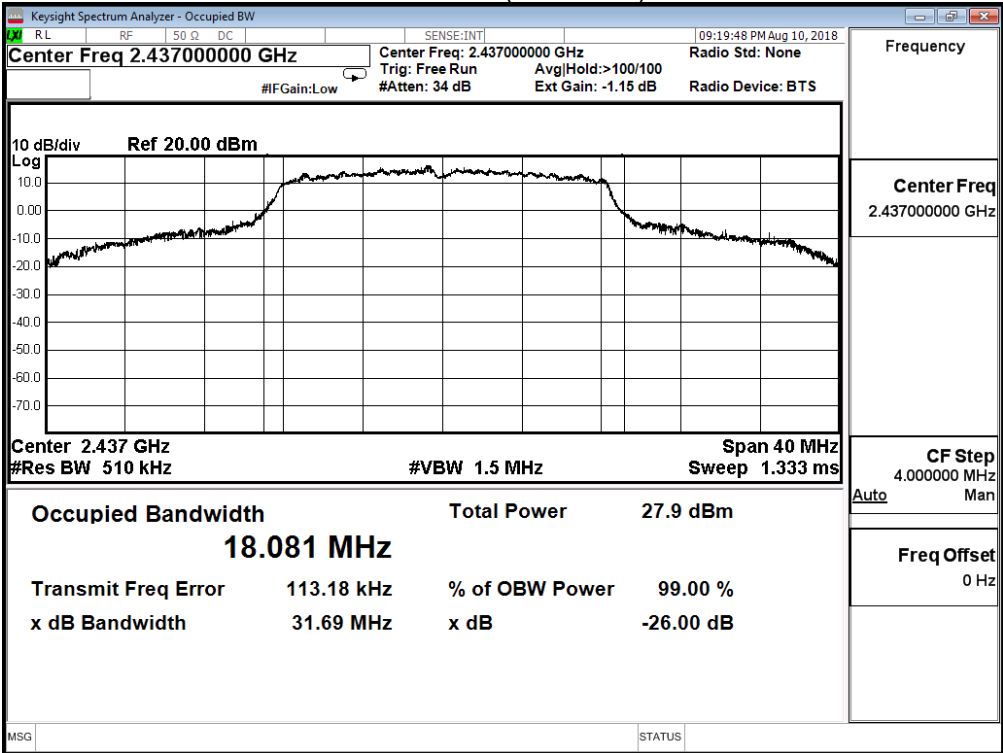
Channel 6 (2437MHz)



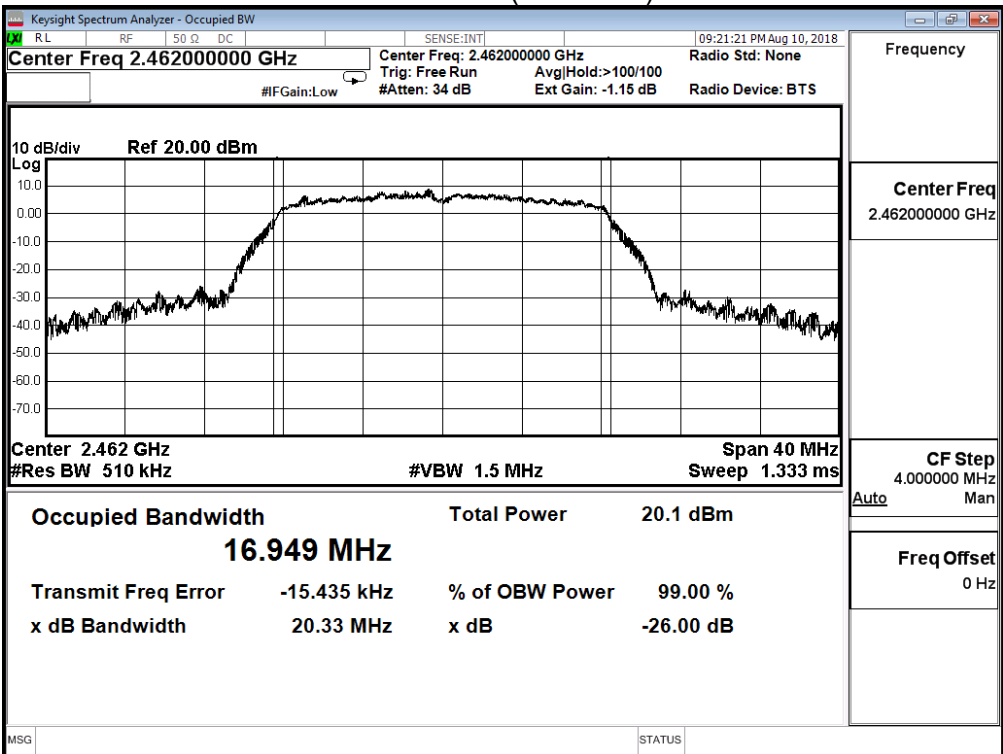
Channel 11 (2462MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

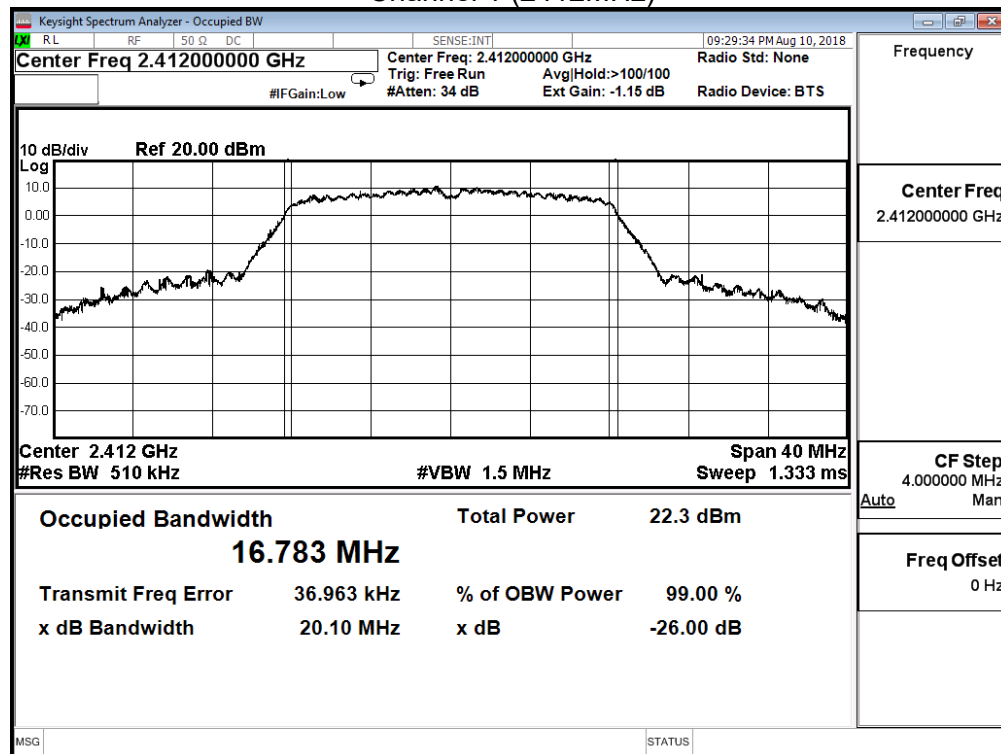


產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬(99%)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

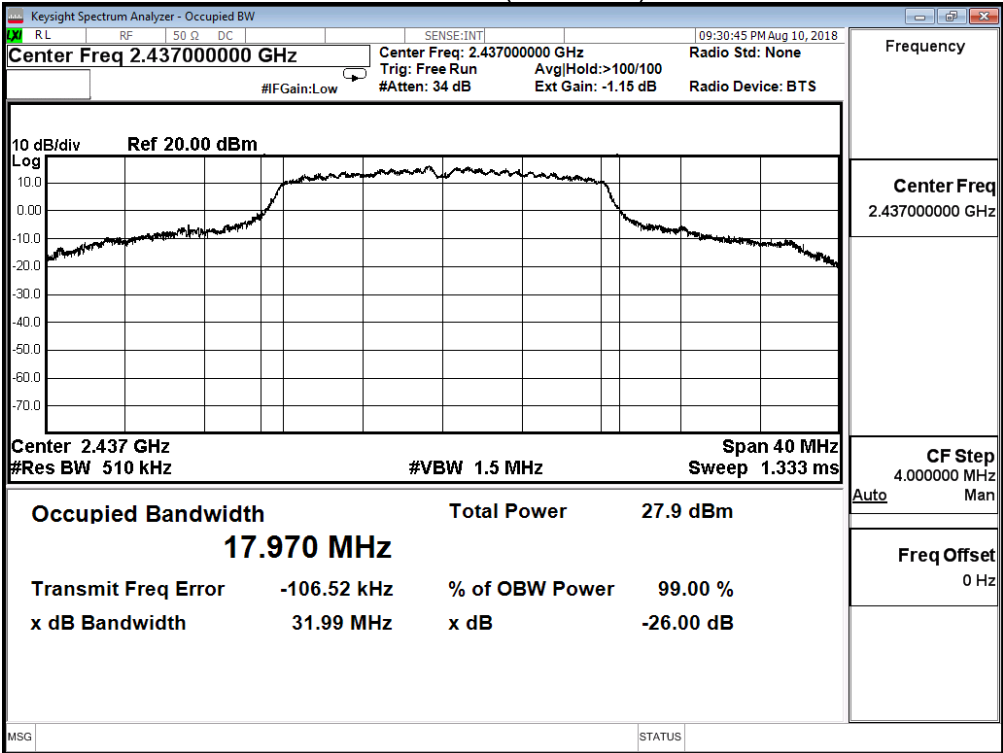
802.11g (ANT 3)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	16.783	---
6	2437	17.970	---
11	2462	16.735	---

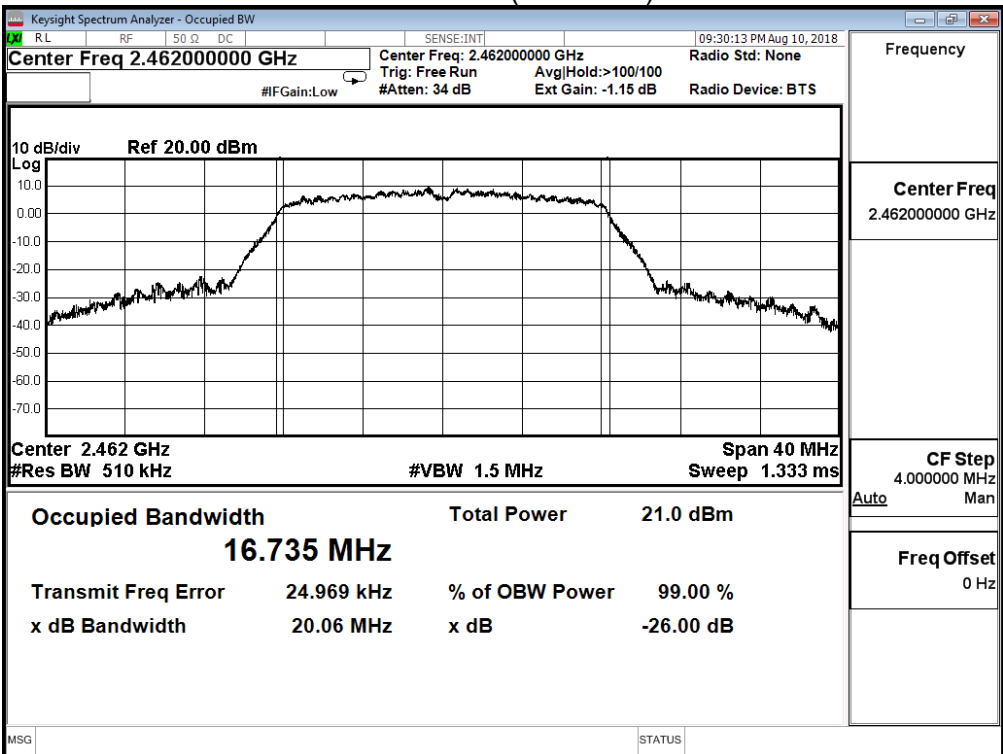
Channel 1 (2412MHz)



Channel 6 (2437MHz)



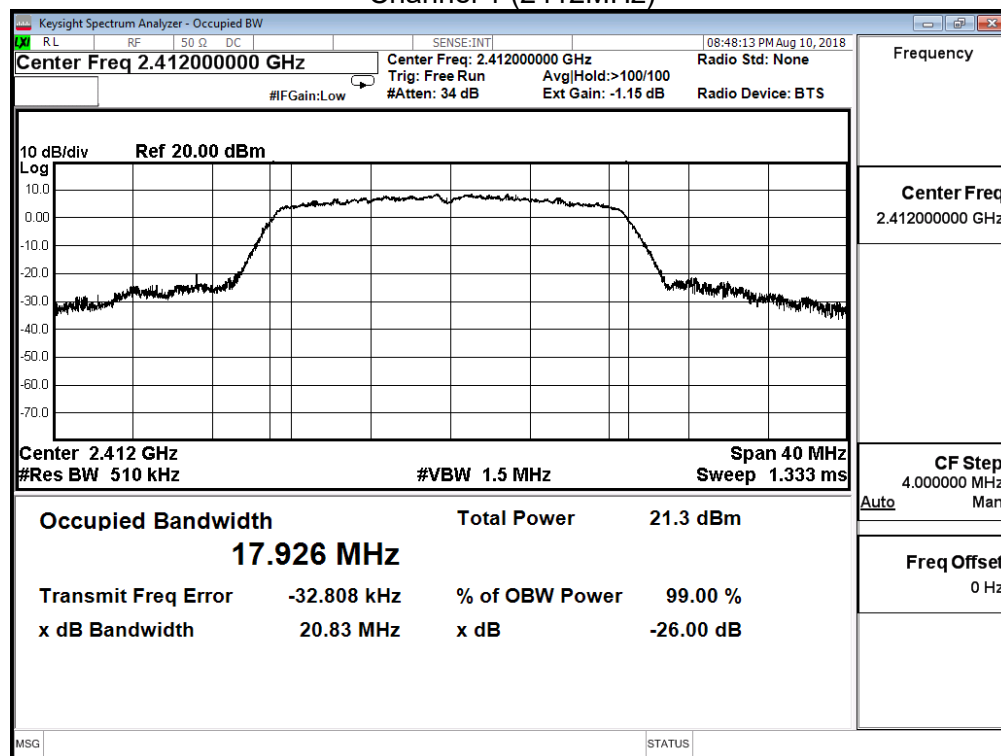
Channel 11 (2462MHz)



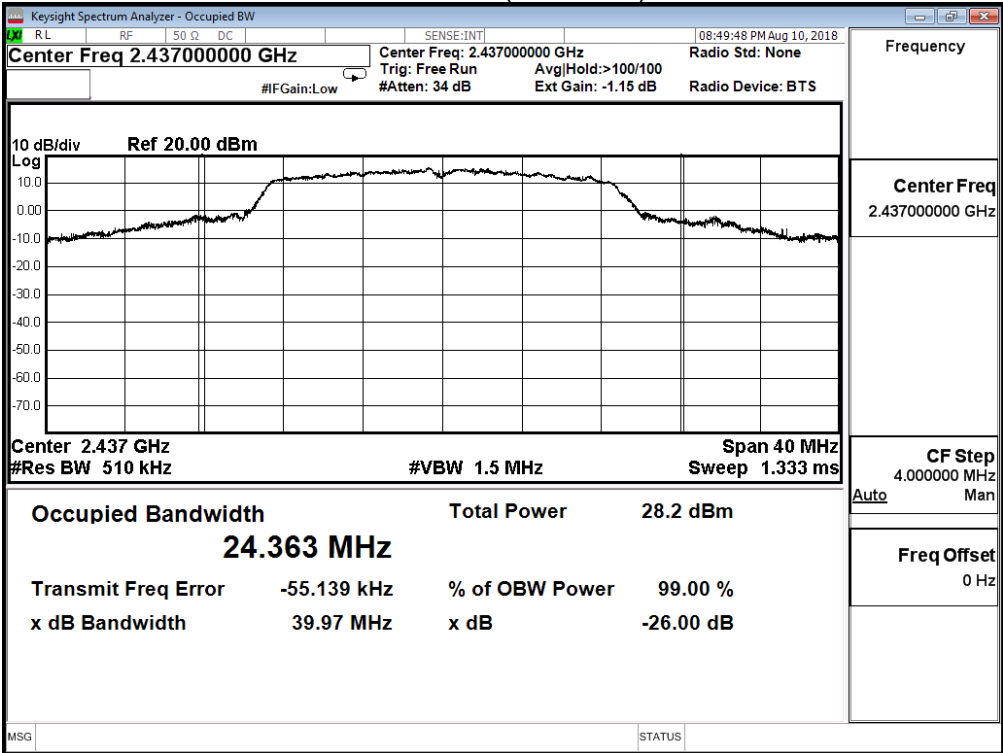
產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬(99%)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

IEEE 802.11n 20M (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	17.926	---
6	2437	24.363	---
11	2462	17.916	---

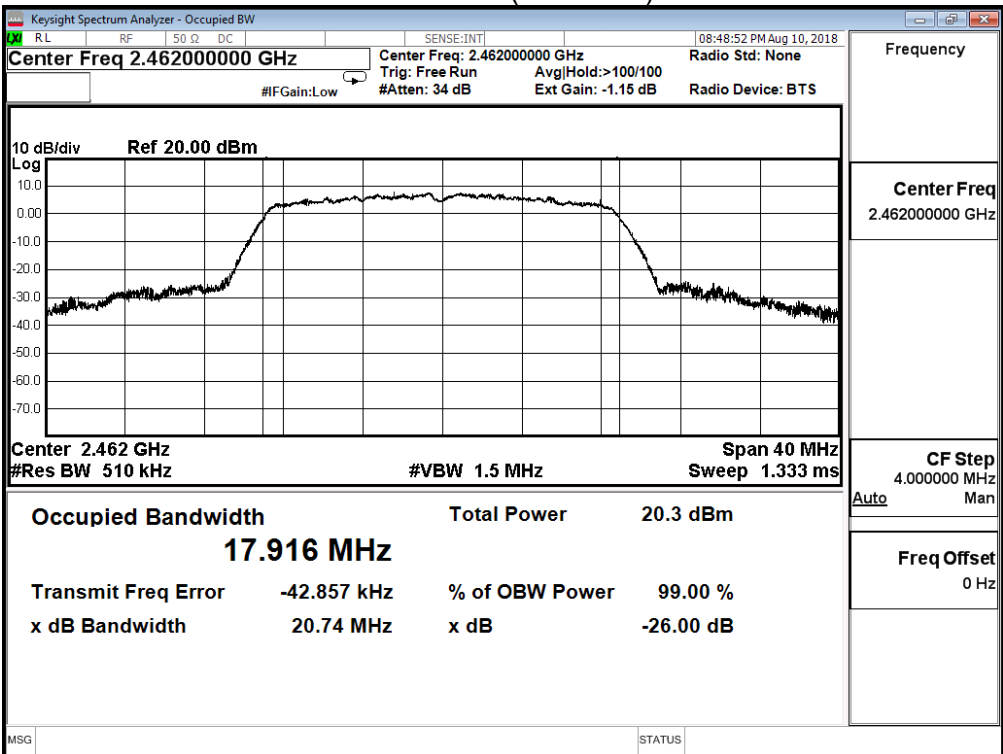
Channel 1 (2412MHz)



Channel 6 (2437MHz)



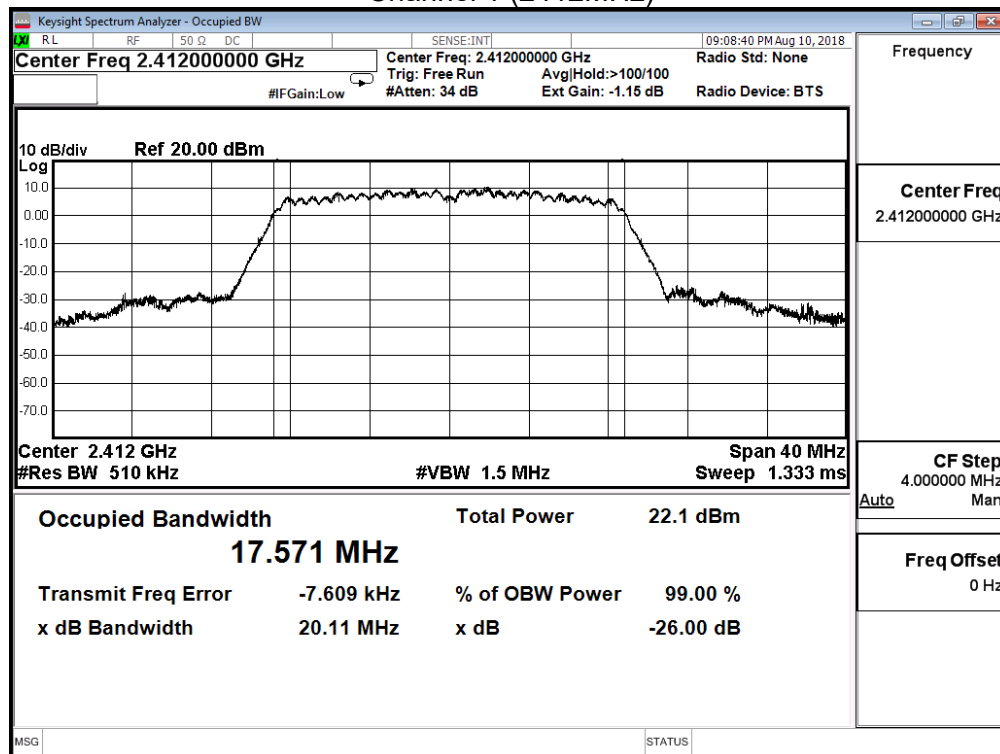
Channel 11 (2462MHz)



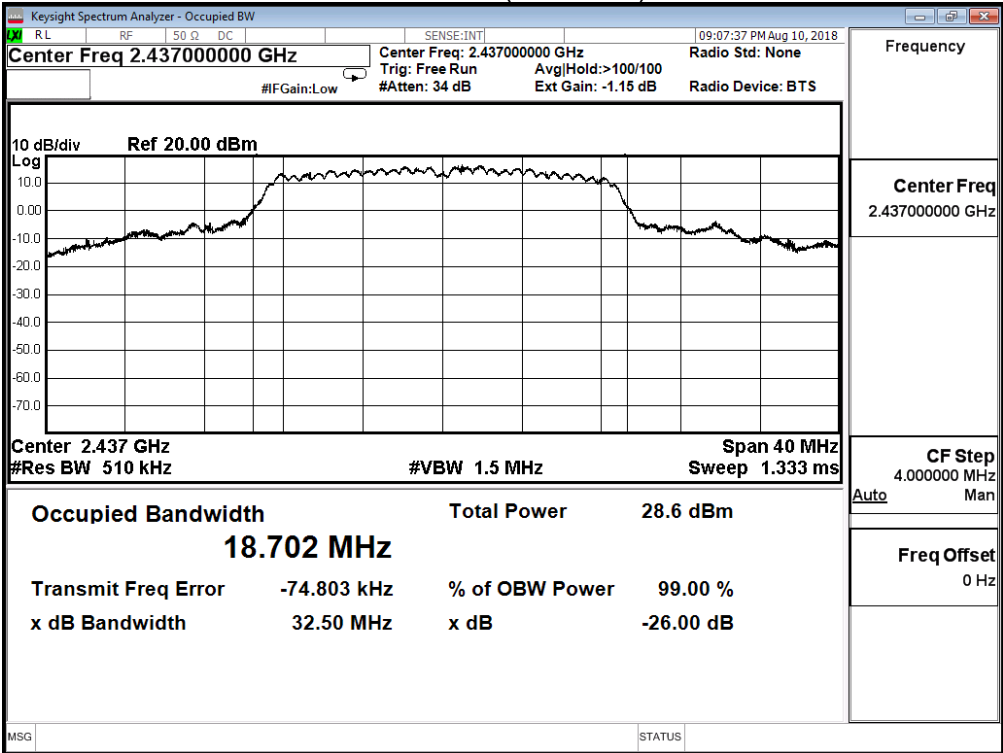
產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬(99%)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

IEEE 802.11n 20M (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	17.571	---
6	2437	18.702	---
11	2462	17.593	---

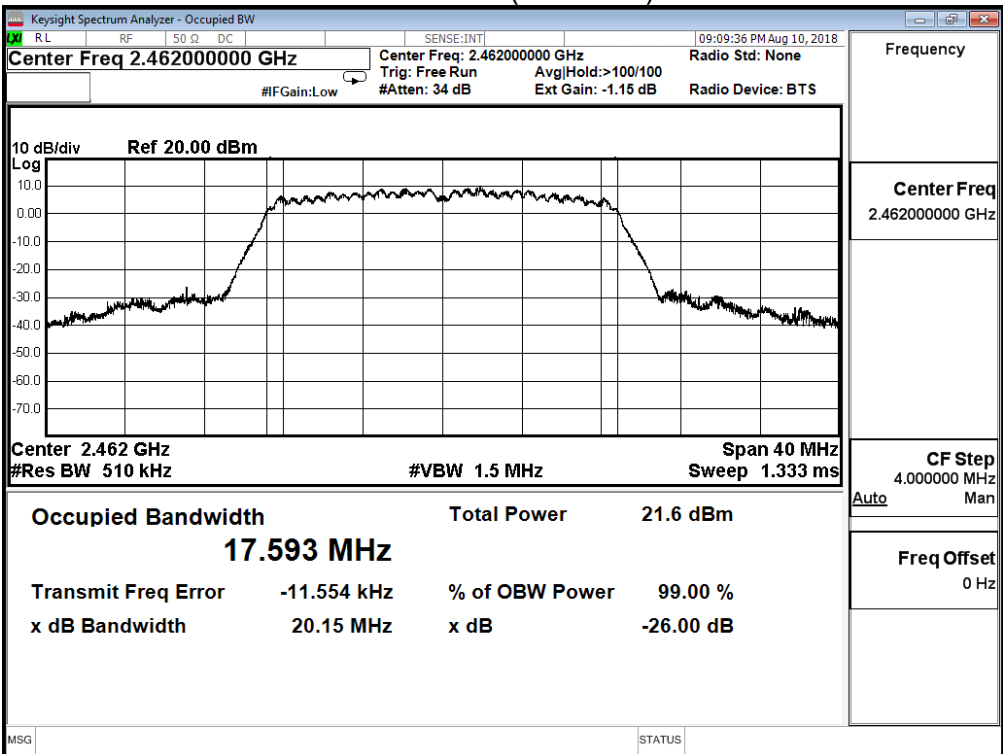
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

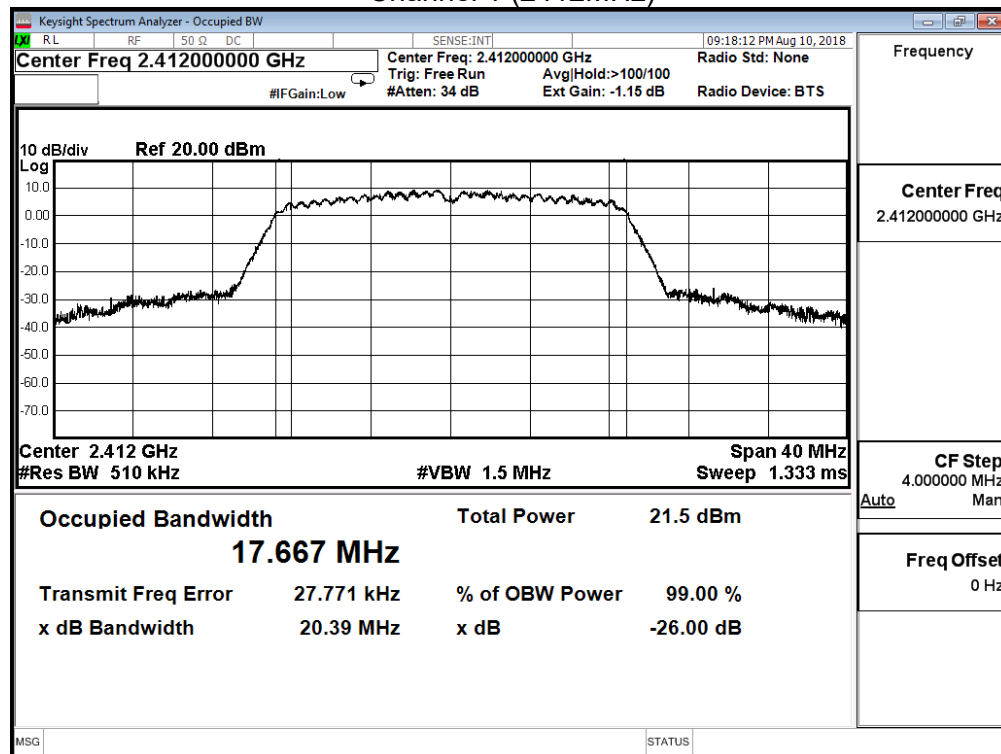


產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬(99%)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

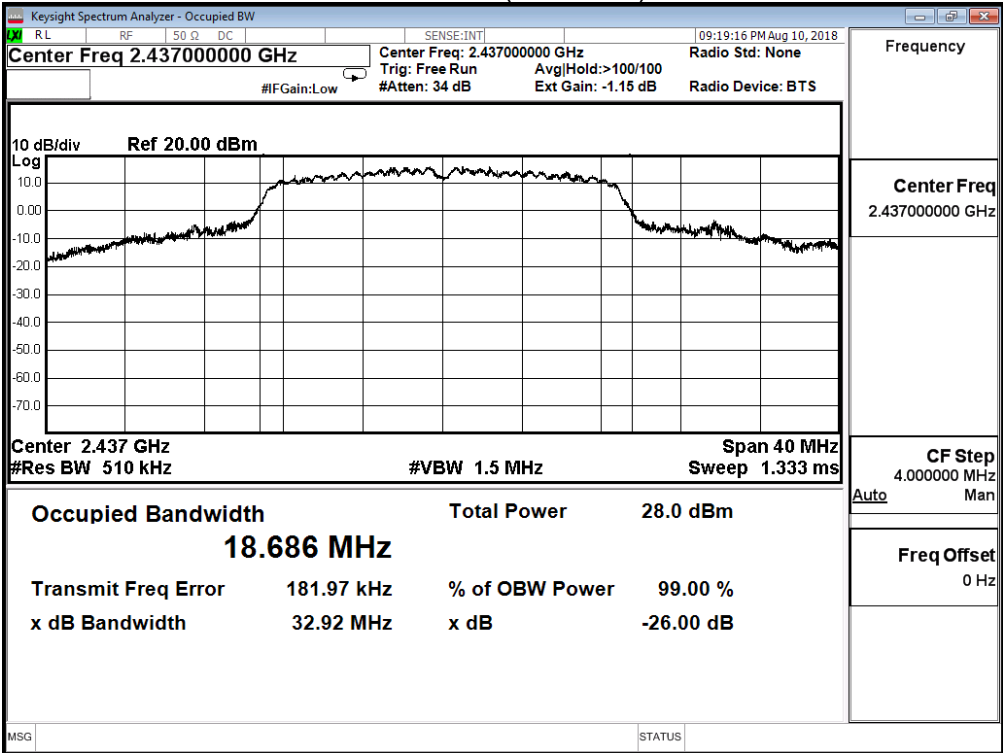
IEEE 802.11n 20M (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	17.667	---
6	2437	18.686	---
11	2462	17.638	---

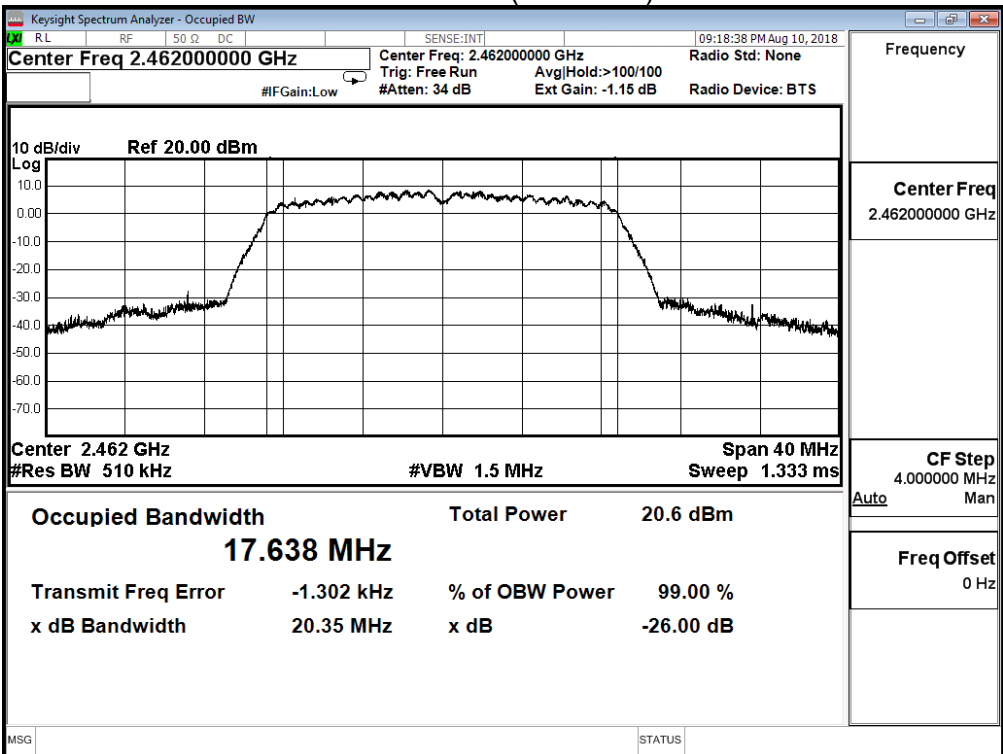
Channel 1 (2412MHz)



Channel 6 (2437MHz)



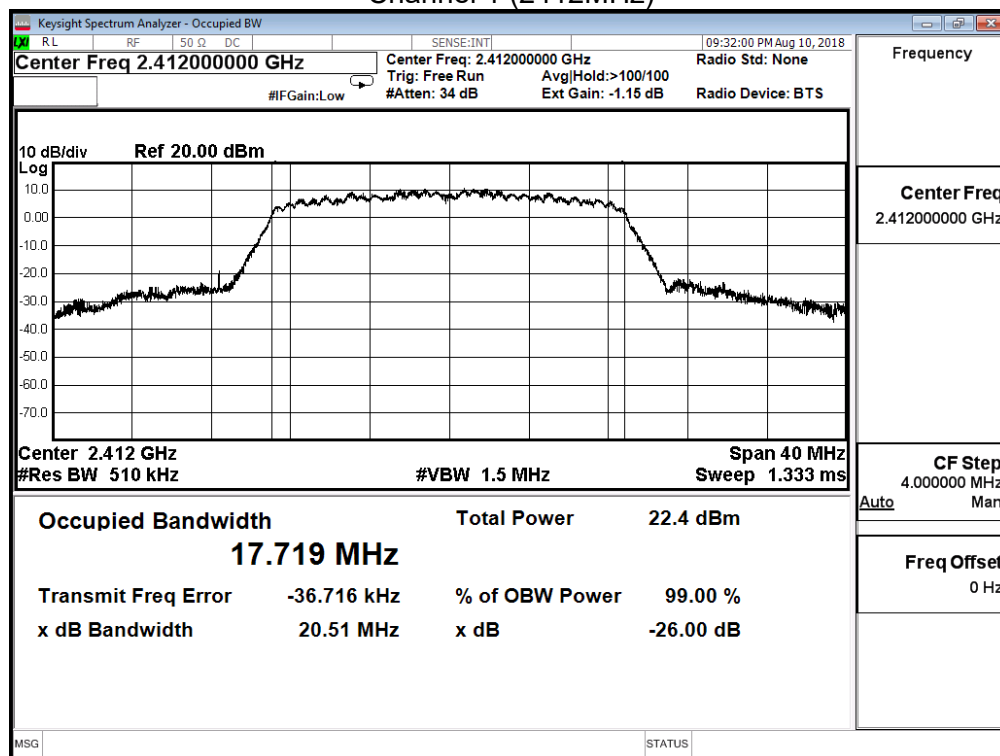
Channel 11 (2462MHz)



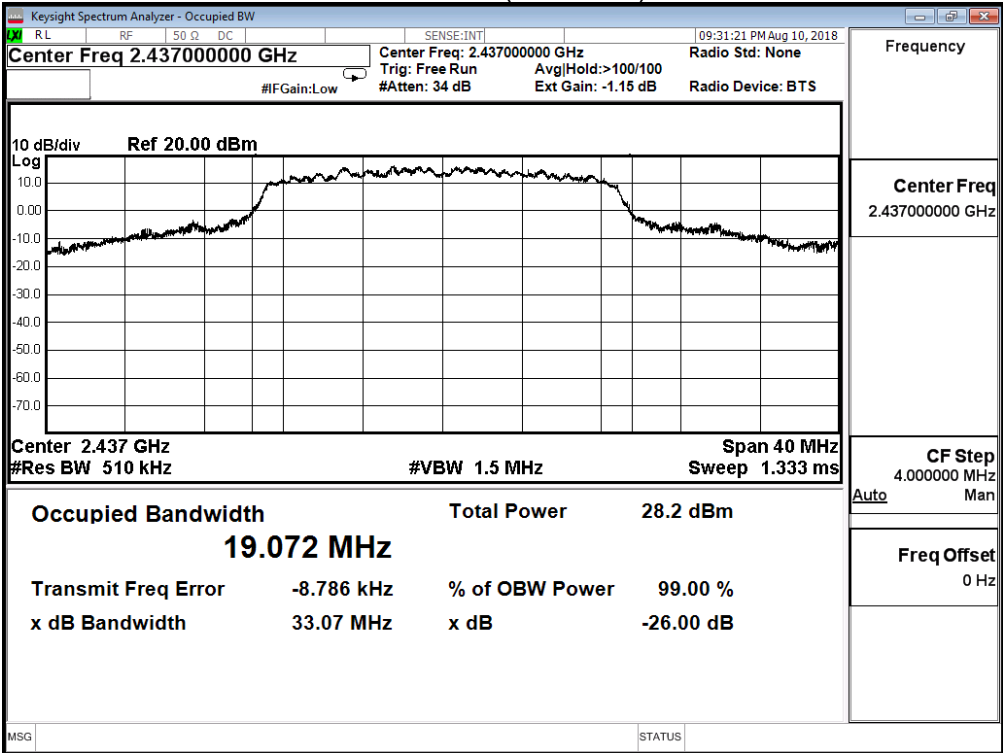
產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬(99%)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

IEEE 802.11n 20M (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	17.719	---
6	2437	19.072	---
11	2462	17.703	---

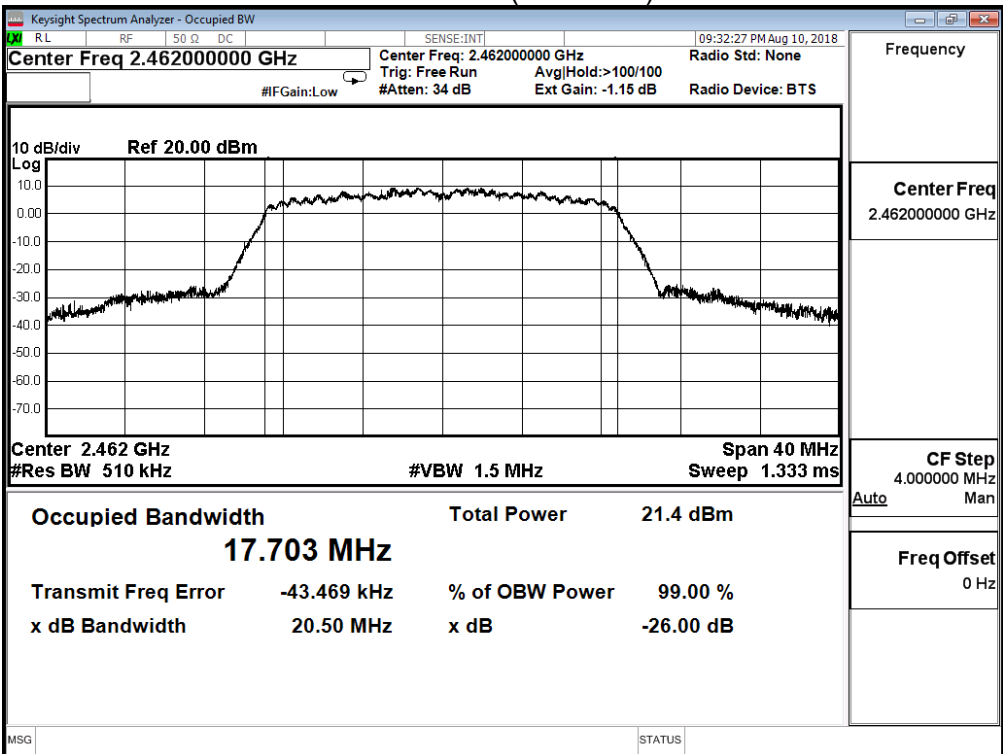
Channel 1 (2412MHz)



Channel 6 (2437MHz)



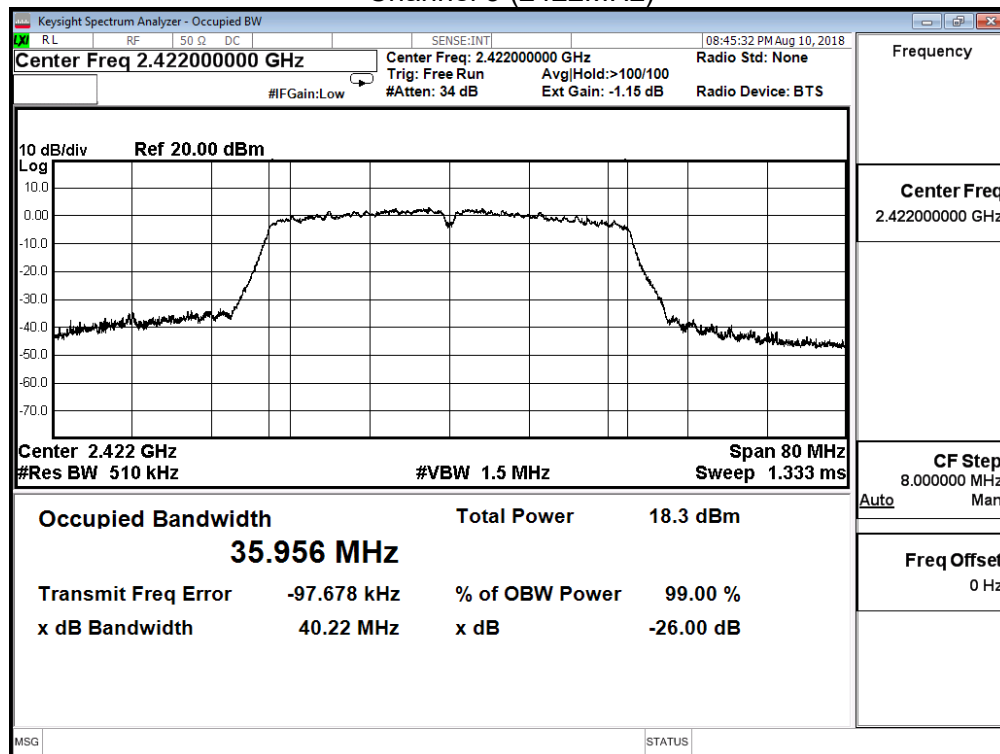
Channel 11 (2462MHz)



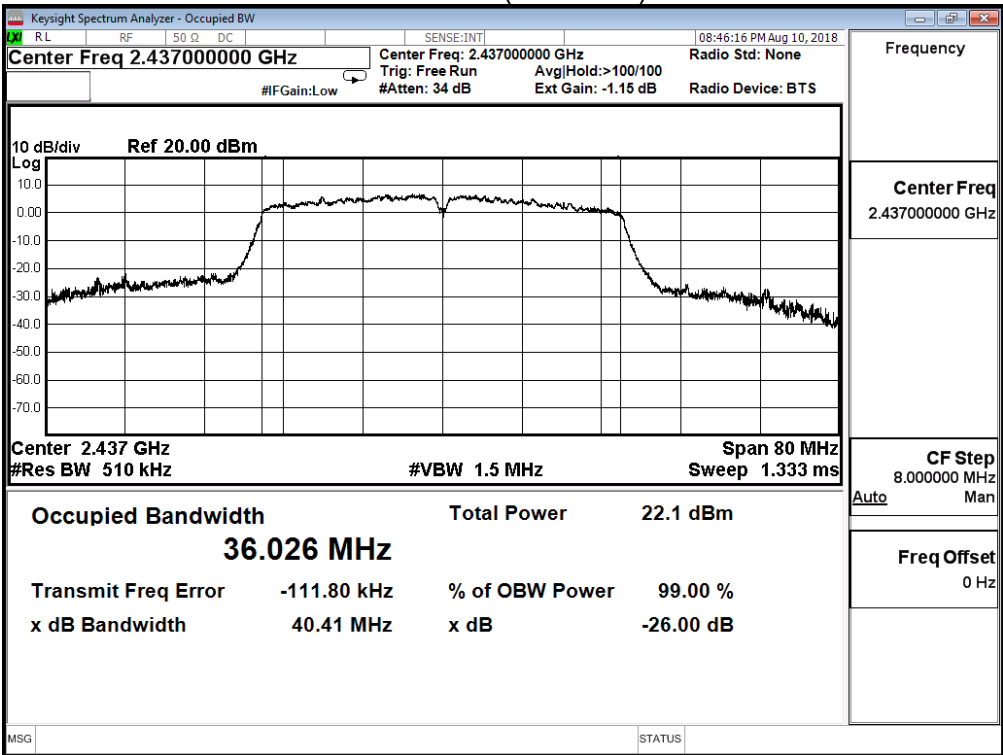
產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬(99%)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

IEEE 802.11n 40M (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
3	2422	35.956	---
6	2437	36.026	---
9	2452	35.984	---

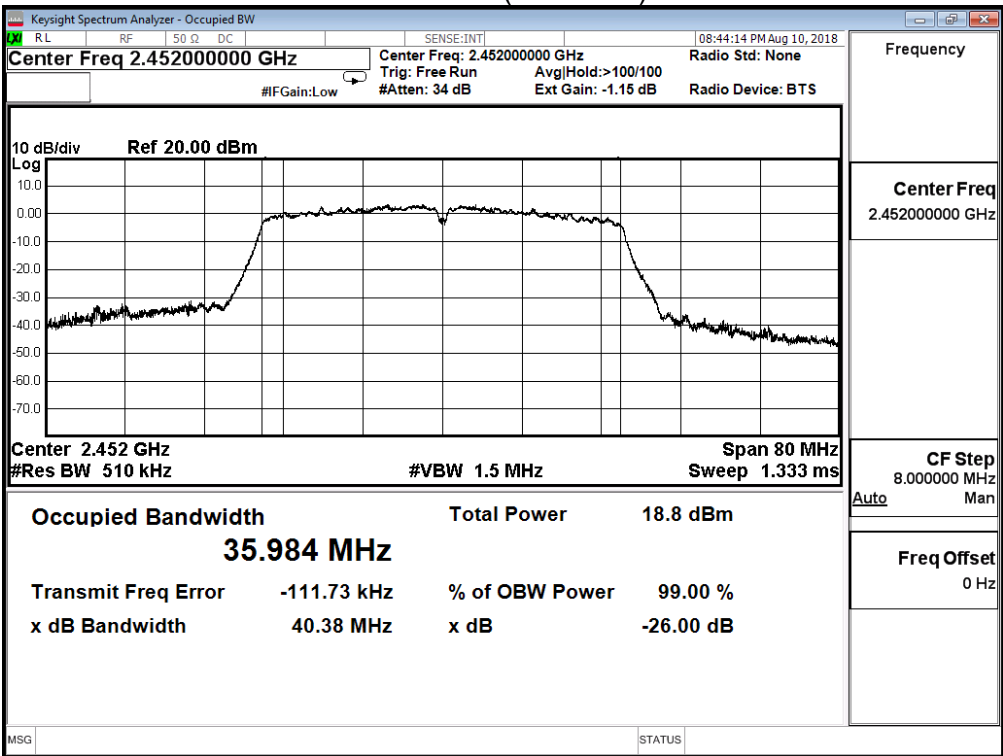
Channel 3 (2422MHz)



Channel 6 (2437MHz)



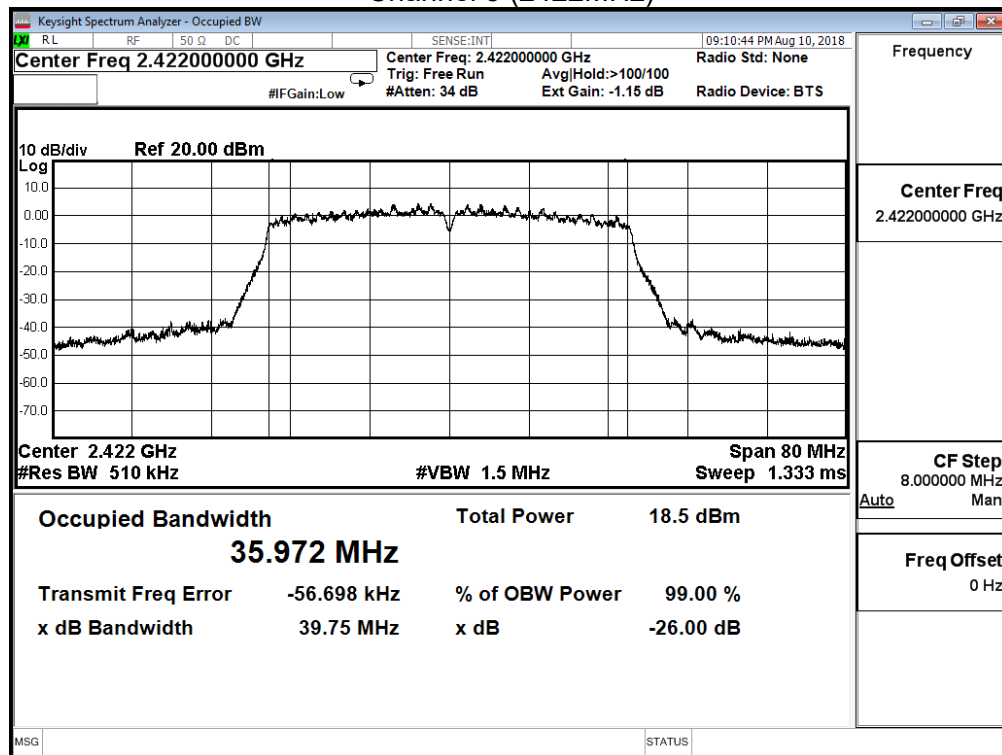
Channel 9 (2452MHz)



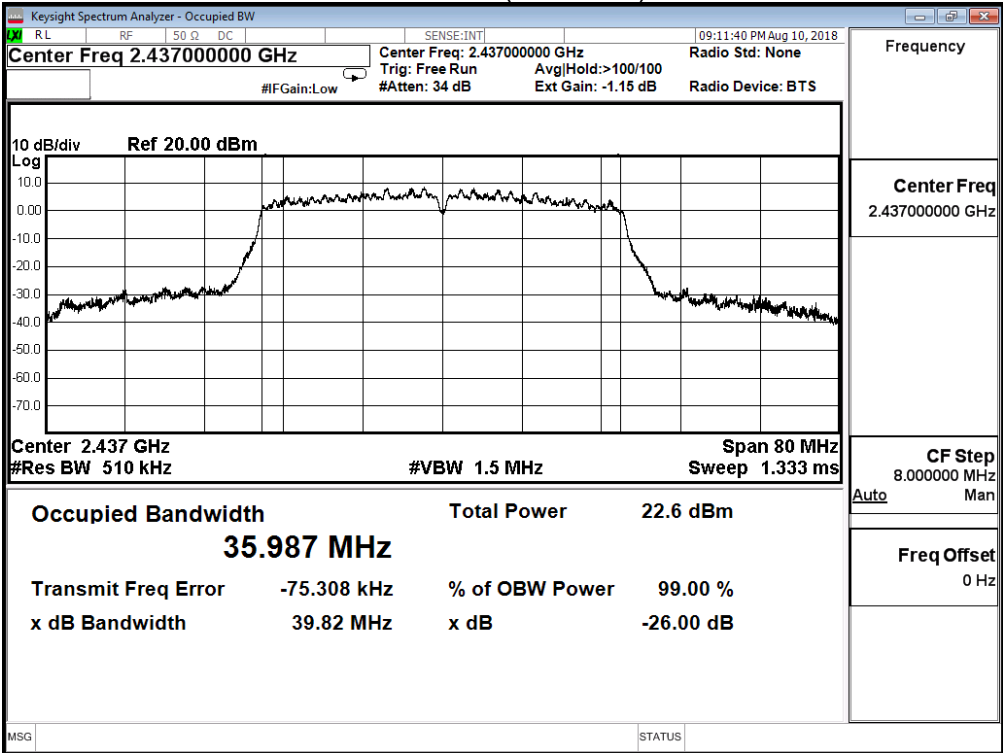
產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬(99%)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

IEEE 802.11n 40M (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
3	2422	35.972	---
6	2437	35.987	---
9	2452	35.976	---

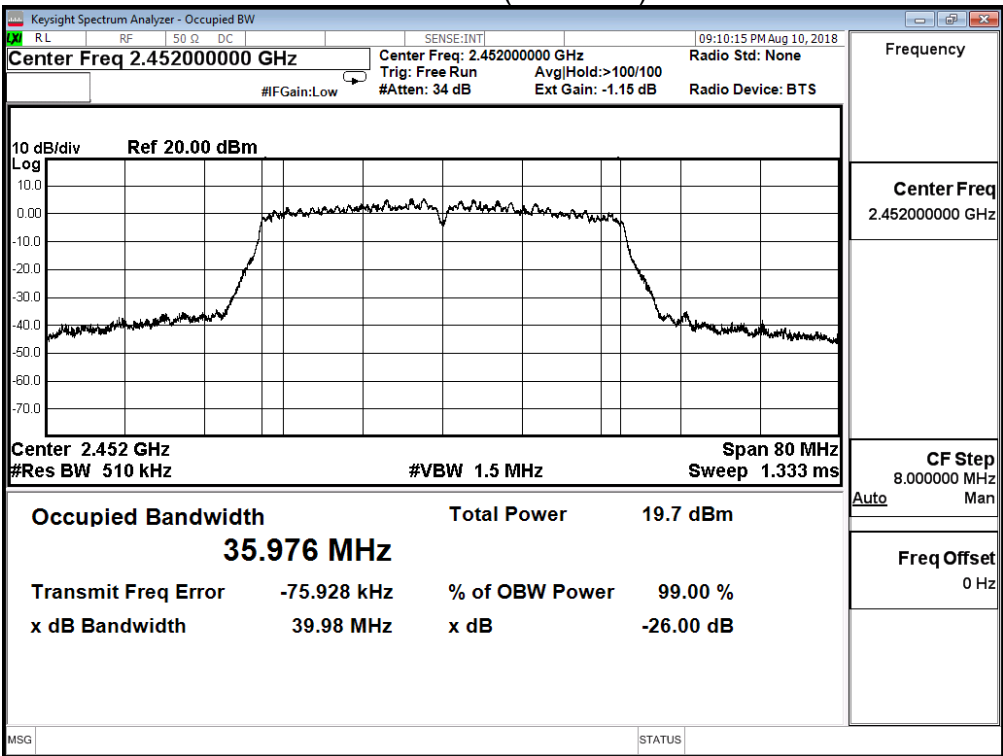
Channel 3 (2422MHz)



Channel 6 (2437MHz)



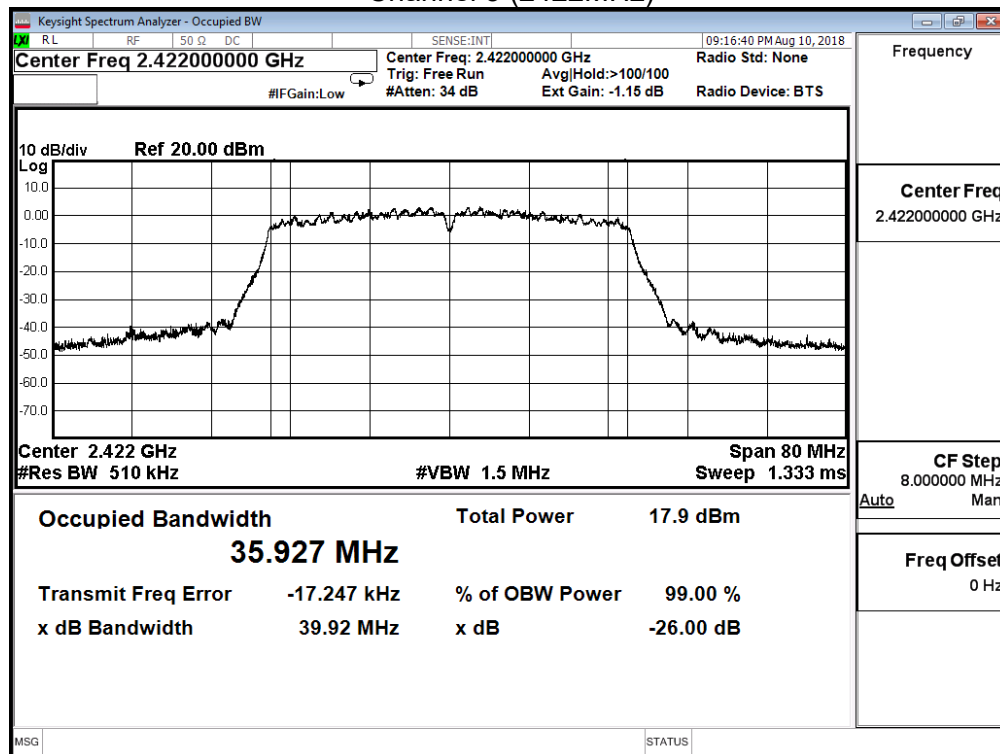
Channel 9 (2452MHz)



產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬(99%)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

IEEE 802.11n 40M (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
3	2422	35.927	---
6	2437	35.908	---
9	2452	35.896	---

Channel 3 (2422MHz)



Keysight Spectrum Analyzer - Occupied BW

Channel 0 (2.437 MHz)

09:15:53 PM Aug 10, 2018

Center Freq: 2.437000000 GHz
 Trig: Free Run
 #Atten: 34 dB
 Avg/Hold: >100/100
 Ext Gain: -1.15 dB
 Radio Std: None
 Radio Device: BTS

#FGain: Low

Frequency

Center Freq: 2.437000000 GHz

10 dB/div Ref 20.00 dBm

Log

Center 2.437 GHz
 #Res BW 510 kHz
 #VBW 1.5 MHz
 Span 80 MHz
 Sweep 1.333 ms

Occupied Bandwidth

Total Power

21.7 dBm

35.908 MHz

Transmit Freq Error

-35.671 kHz

% of OBW Power

99.00 %

x dB Bandwidth

39.93 MHz

x dB

-26.00 dB

Auto

CF Step

8.000000 MHz

Man

Freq Offset

0 Hz

MSG

STATUS

Keysight Spectrum Analyzer - Occupied BW

Channel 0 (2.452 MHz)

Center Freq 2.45200000 GHz
Trig: Free Run
#Atten: 34 dB
Ext Gain: -1.15 dB
Radio Device: BTS

Frequency

10 dB/div Ref 20.00 dBm

Log

Center 2.452 GHz
Res BW 510 kHz
Span 80 MHz
Sweep 1.333 ms

Occupied Bandwidth	Total Power
35.896 MHz	18.6 dBm

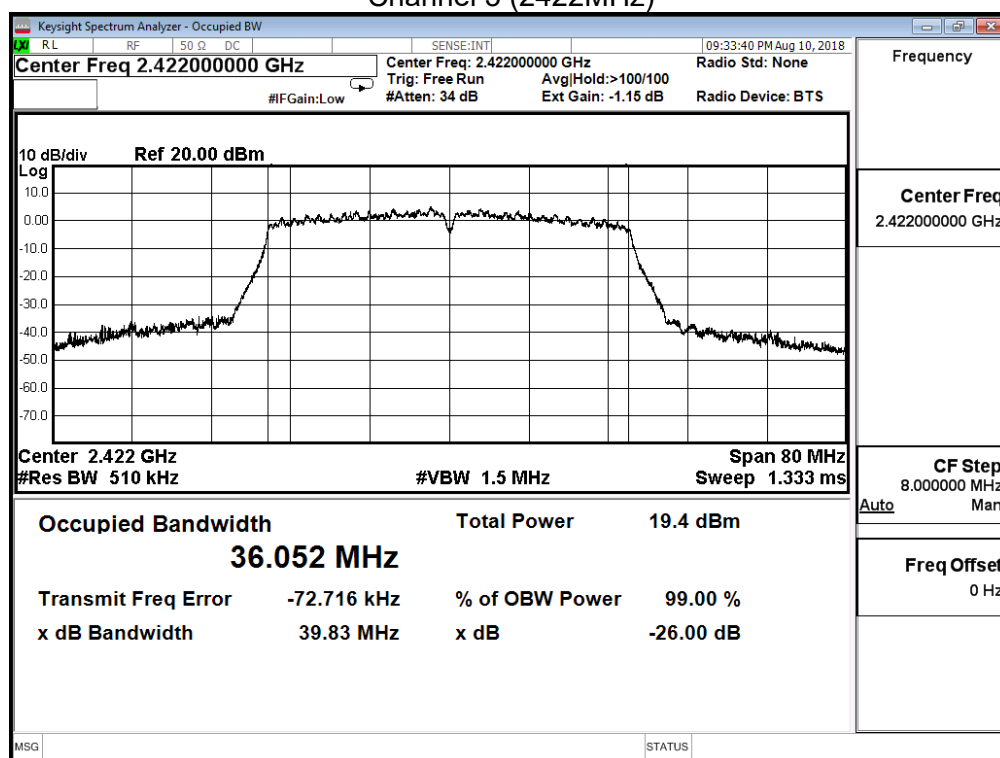
Transmit Freq Error	% of OBW Power
-65.159 kHz	99.00 %

x dB Bandwidth	x dB
39.88 MHz	-26.00 dB

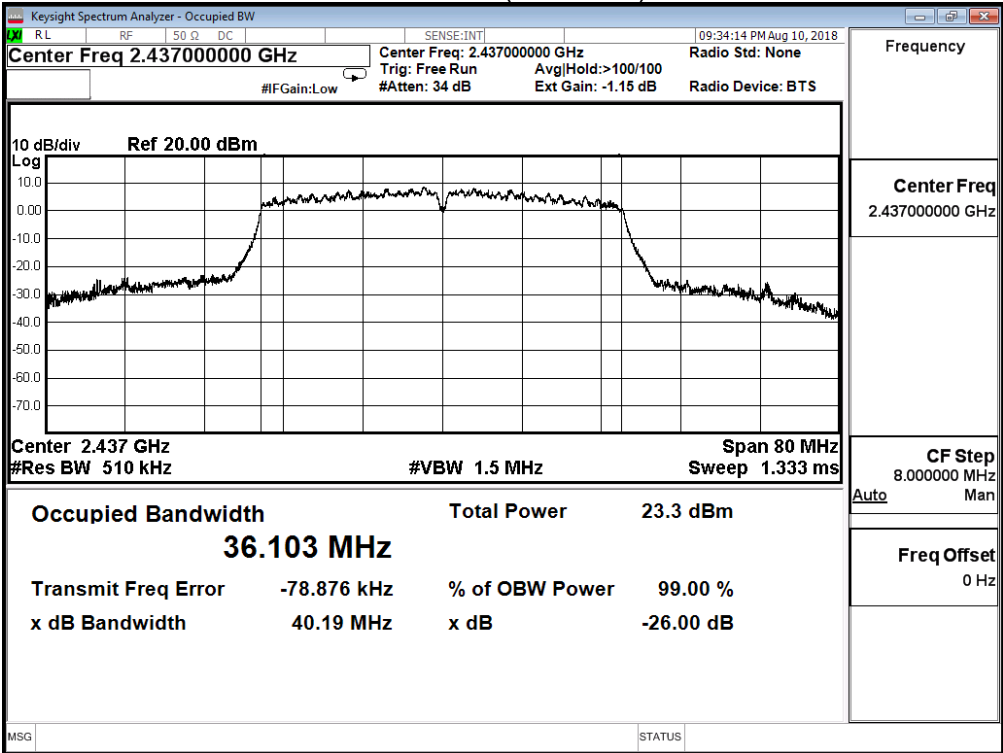
產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	佔用頻帶寬(99%)		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

IEEE 802.11n 40M (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
3	2422	36.052	---
6	2437	36.103	---
9	2452	36.054	---

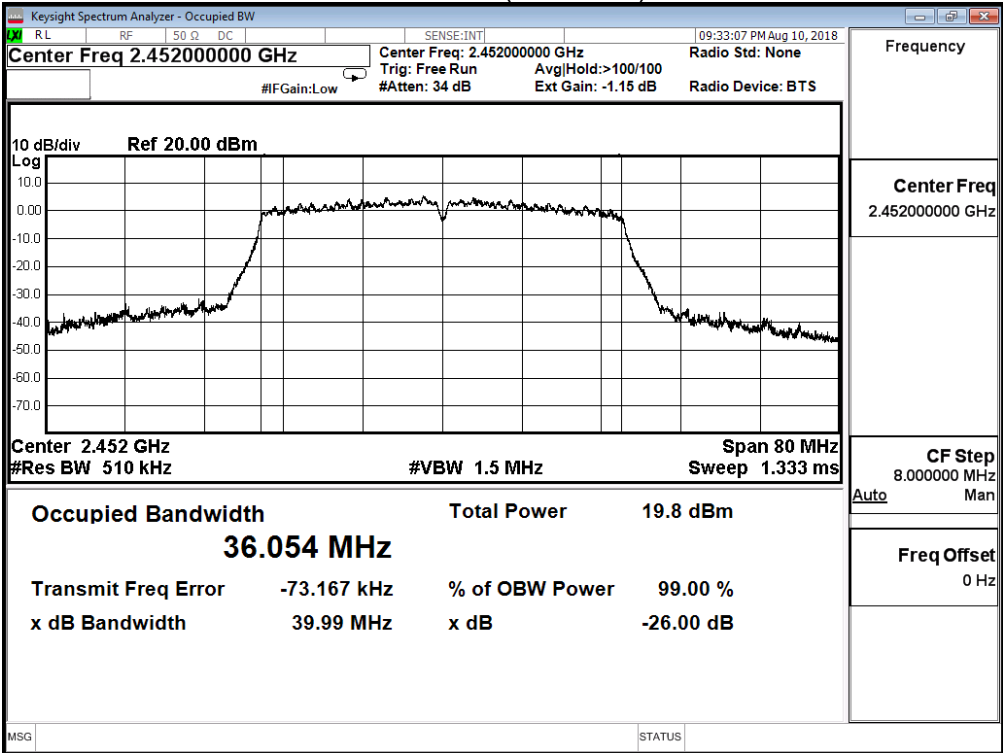
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



10. 發射電功率密度

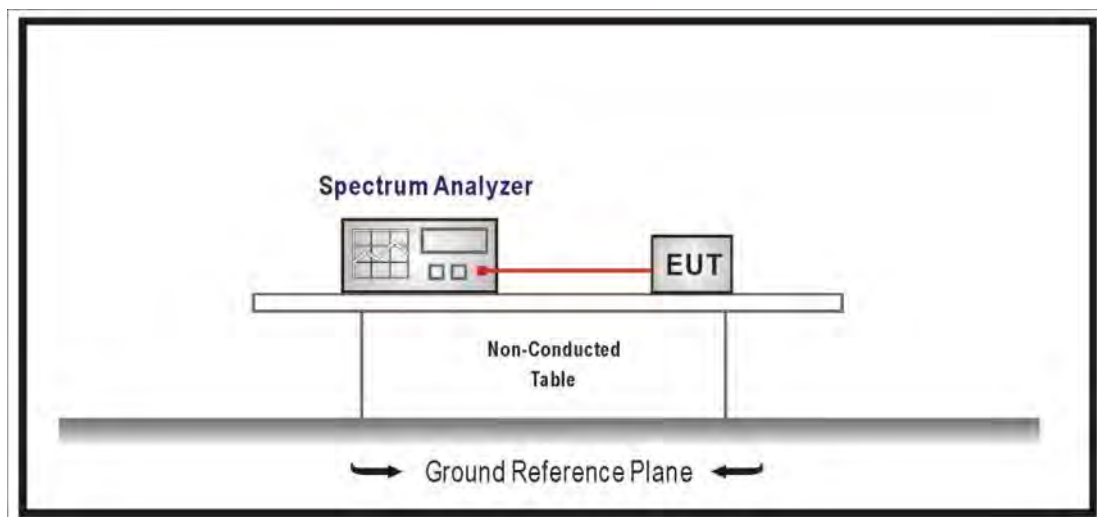
10.1. 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範之第 3.10.1.6.2(B)節，在使用頻率範圍之任意 3 千赫(KHz)頻寬內，由發射機傳導至天線之峰值發射電功率密度在任意期間內，皆不得大於 8dBm。，且應依 3.10.1.3 之方式降低功率頻譜密度限制值。

10.2. 量測方法

1. 將發射機之天線埠經由適當之衰減直接連至測試儀器。找出發射峰值並擴展於通帶內，設定解析頻寬為 3 kHz，視訊頻寬大於解析頻寬，掃描時間為頻率掃描範圍除以 3 kHz。所測得之峰值位準必須應小於或等於 8 dBm。
2. 若受測裝置之頻譜線間隔小於 3 kHz，測量時應將解析頻寬降低以使頻譜線間隔大於 3 kHz，所測得之數據再藉加總 3 kHz 頻帶內所有個別頻譜線之功率(即標準化至 3 kHz)以決定是否符合規定。
待測物應在正常發射狀態下量測。

10.3. 測試架構圖

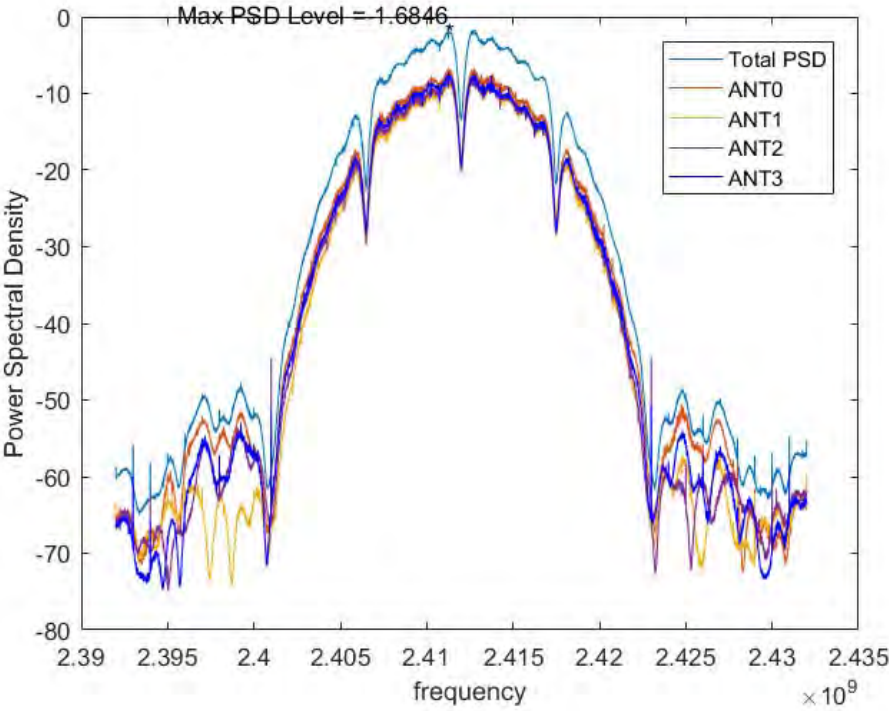


10.4. 功率密度測試結果

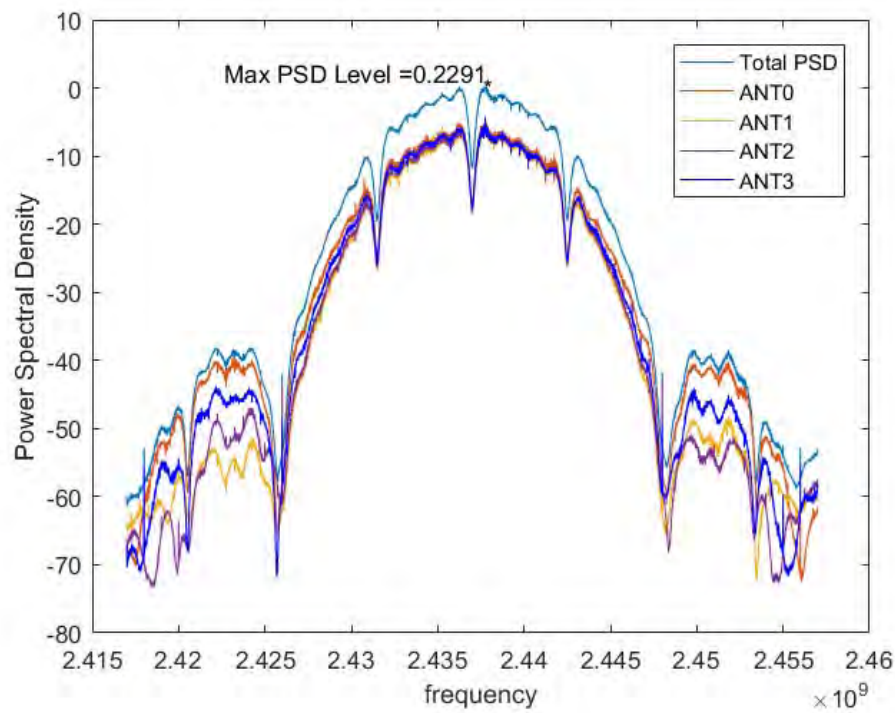
產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	發射電功率密度		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

IEEE 802.11b (ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm/3kHz)	Limit (dBm/3kHz)	Result
1	2412	-1.685	≤ 8	Pass
6	2437	0.229	≤ 8	Pass
11	2462	-2.965	≤ 8	Pass

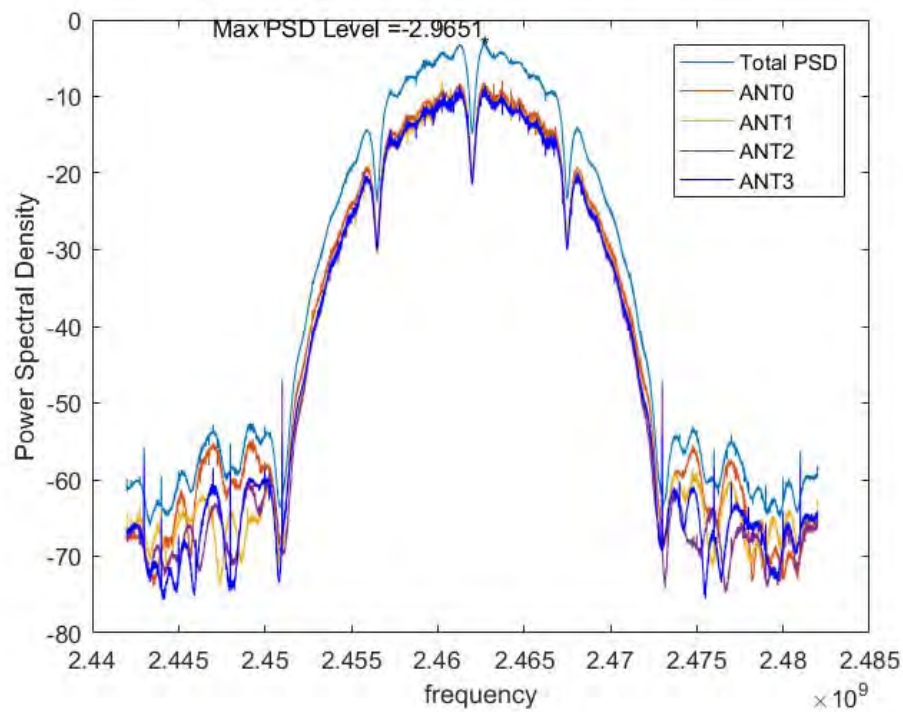
Channel 1 (2412MHz)



Channel 6 (2437MHz)



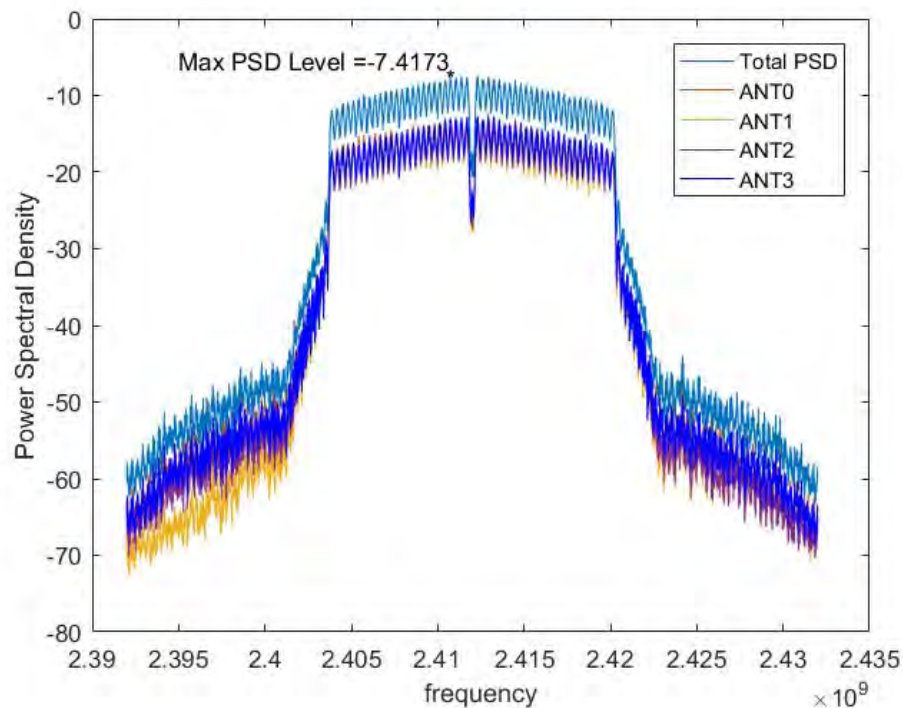
Channel 11 (2462MHz)



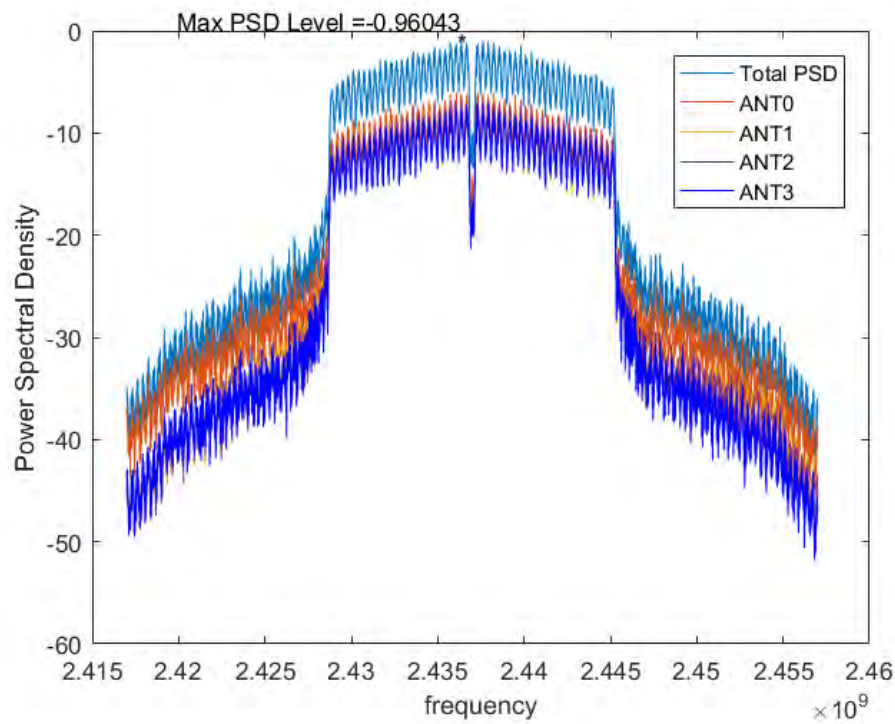
產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	發射電功率密度		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

IEEE 802.11g (ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm/3kHz)	Limit (dBm/3kHz)	Result
1	2412	-7.417	≤ 8	Pass
6	2437	-0.960	≤ 8	Pass
11	2462	-8.307	≤ 8	Pass

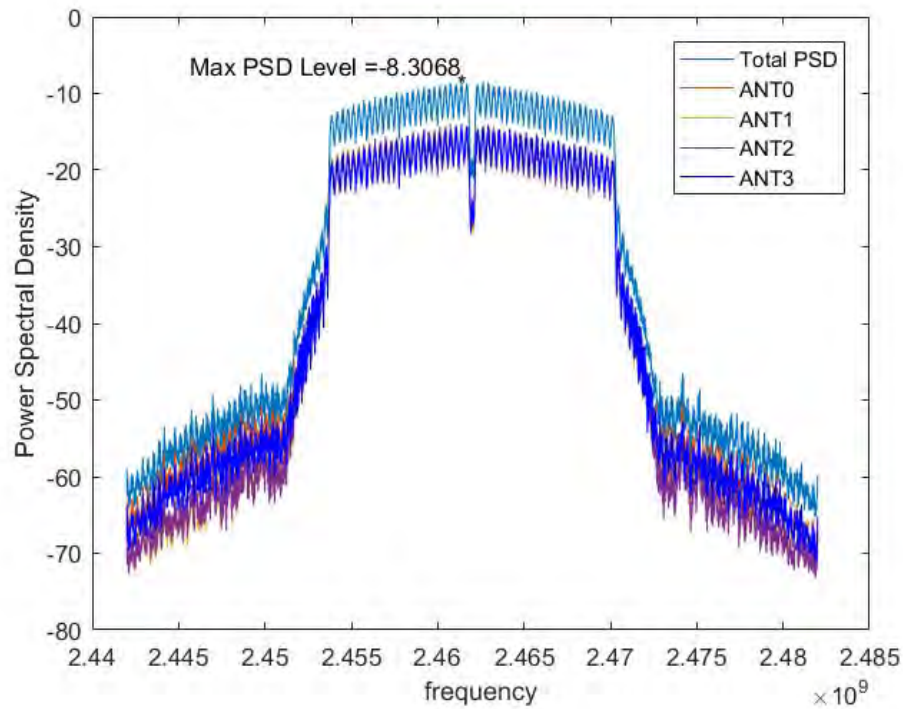
Channel 1 (2412MHz)



Channel 6 (2437MHz)



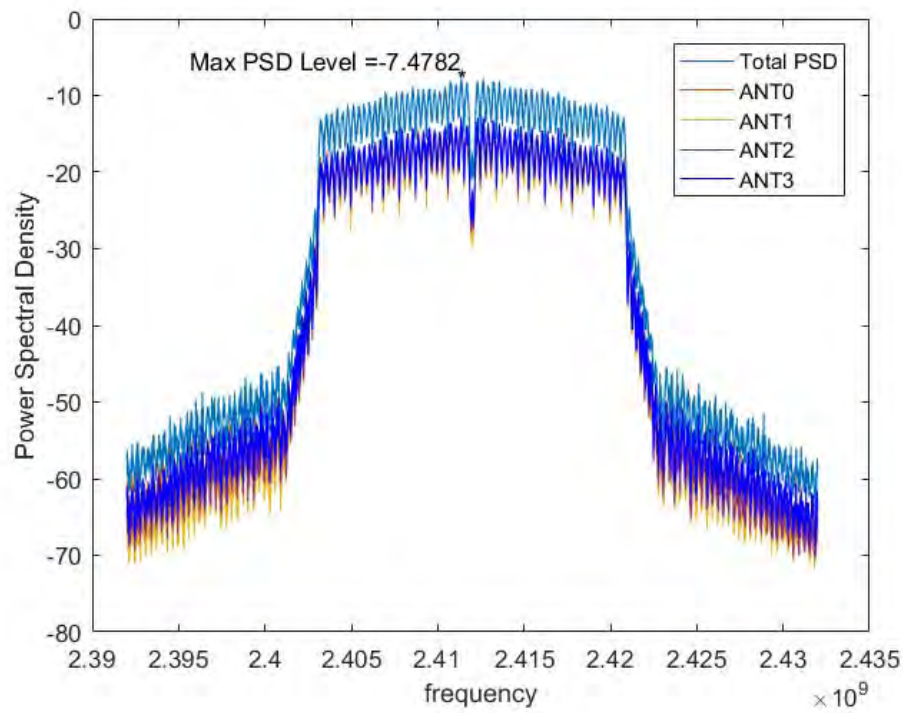
Channel 11 (2462MHz)



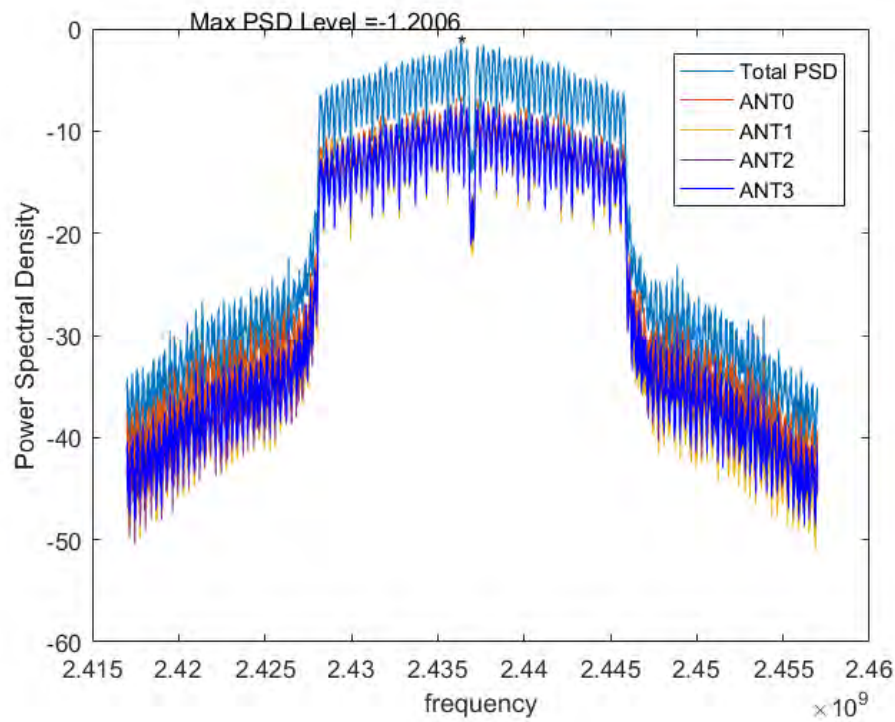
產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	發射電功率密度		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

IEEE 802.11n 20M (ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm/3kHz)	Limit (dBm/3kHz)	Result
1	2412	-7.479	≤ 8	Pass
6	2437	-1.201	≤ 8	Pass
11	2462	-8.546	≤ 8	Pass

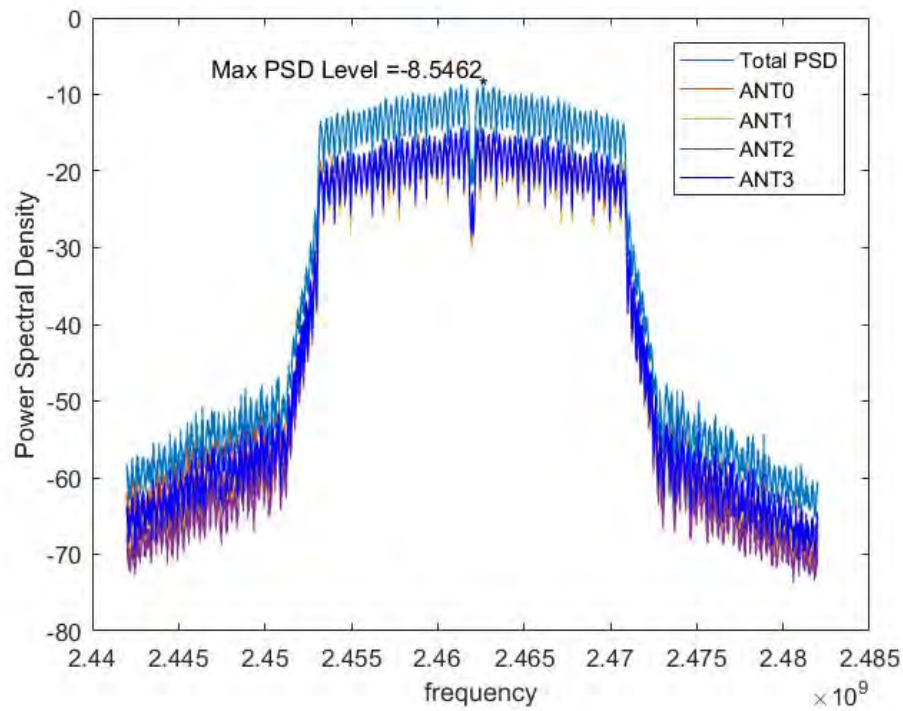
Channel 1 (2412MHz)



Channel 6 (2437MHz)



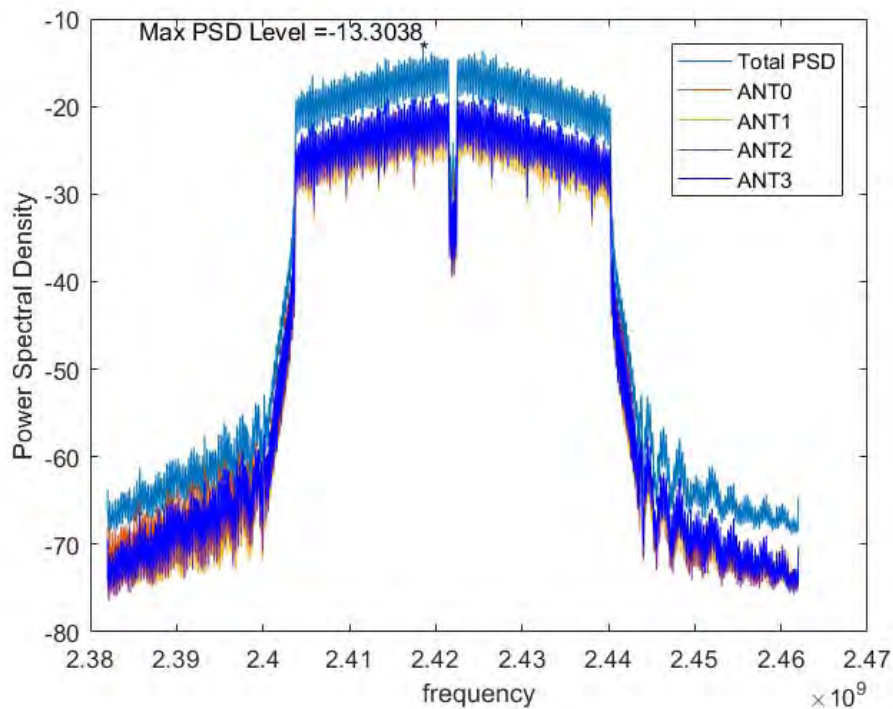
Channel 11 (2462MHz)



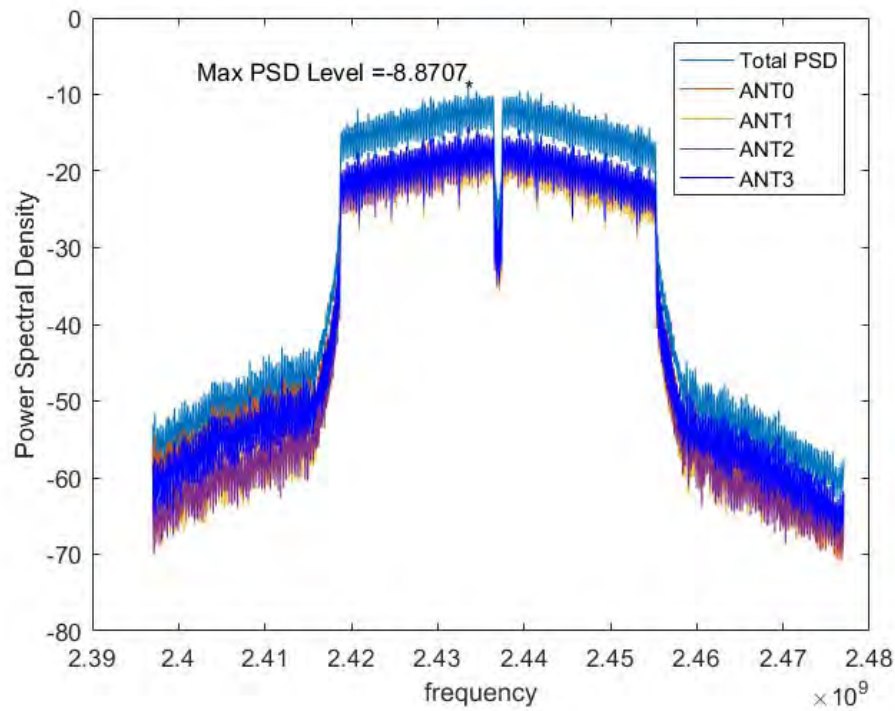
產品名稱	Wireless-AC2400 同步雙頻無線分享器		
測試項目	發射電功率密度		
測試模式	Mode 1: Transmit Mode_CDD_WA-30P12FU		
測試日期	2018/08/10	測試場地	SR10-H

IEEE 802.11n 40M (ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm/3kHz)	Limit (dBm/3kHz)	Result
3	2422	-13.304	≤ 8	Pass
6	2437	-8.871	≤ 8	Pass
9	2452	-12.490	≤ 8	Pass

Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)

