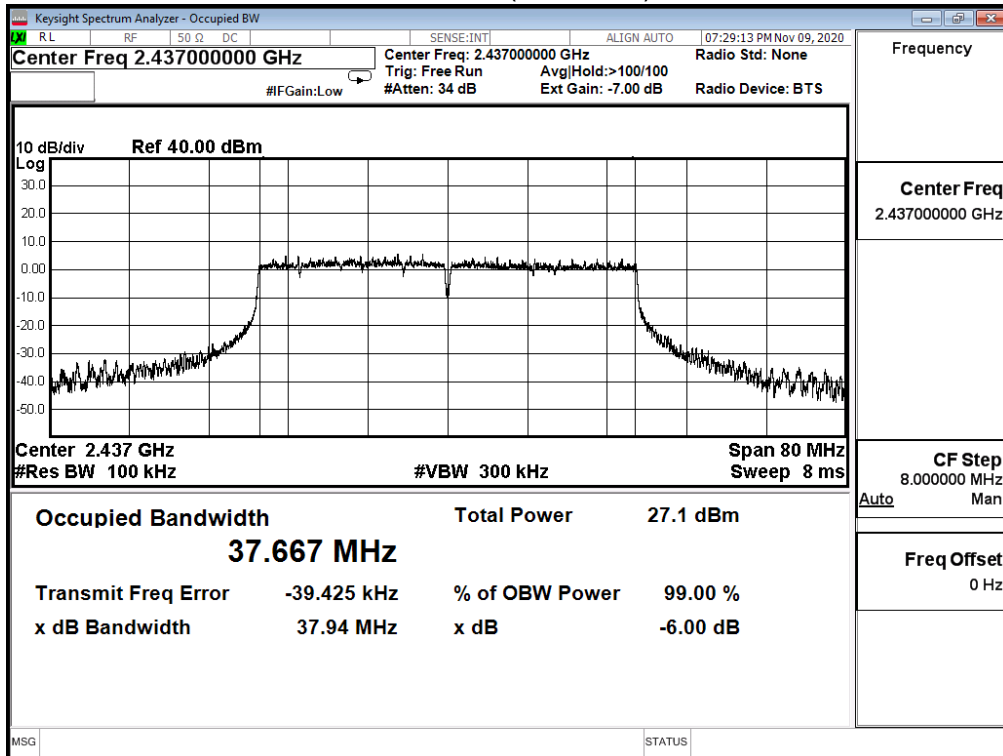
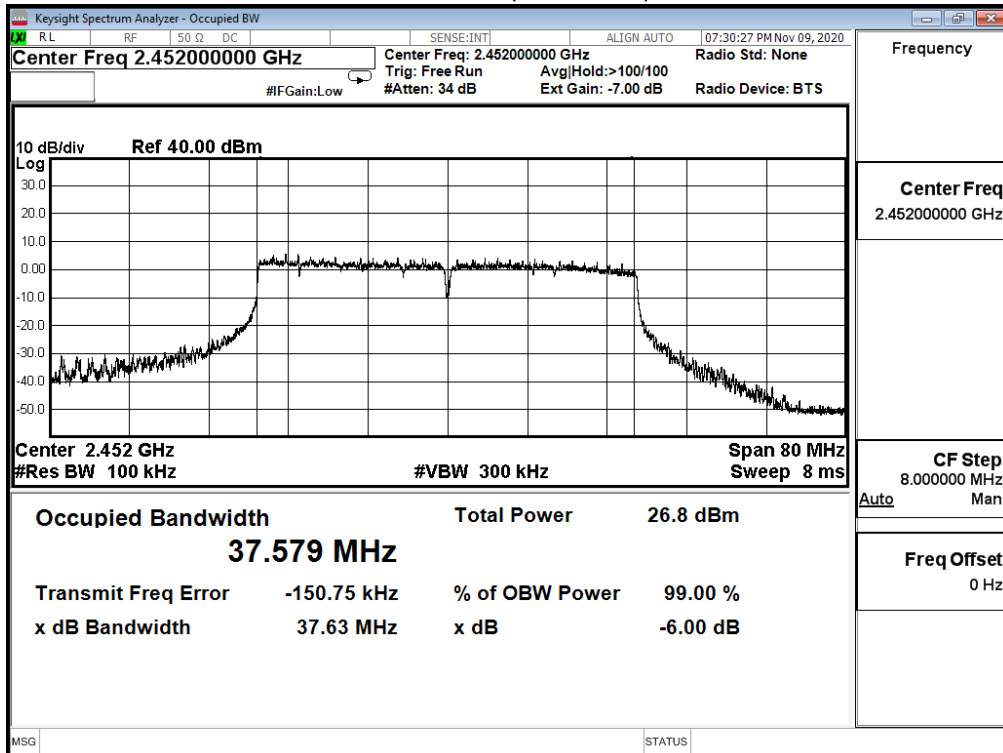


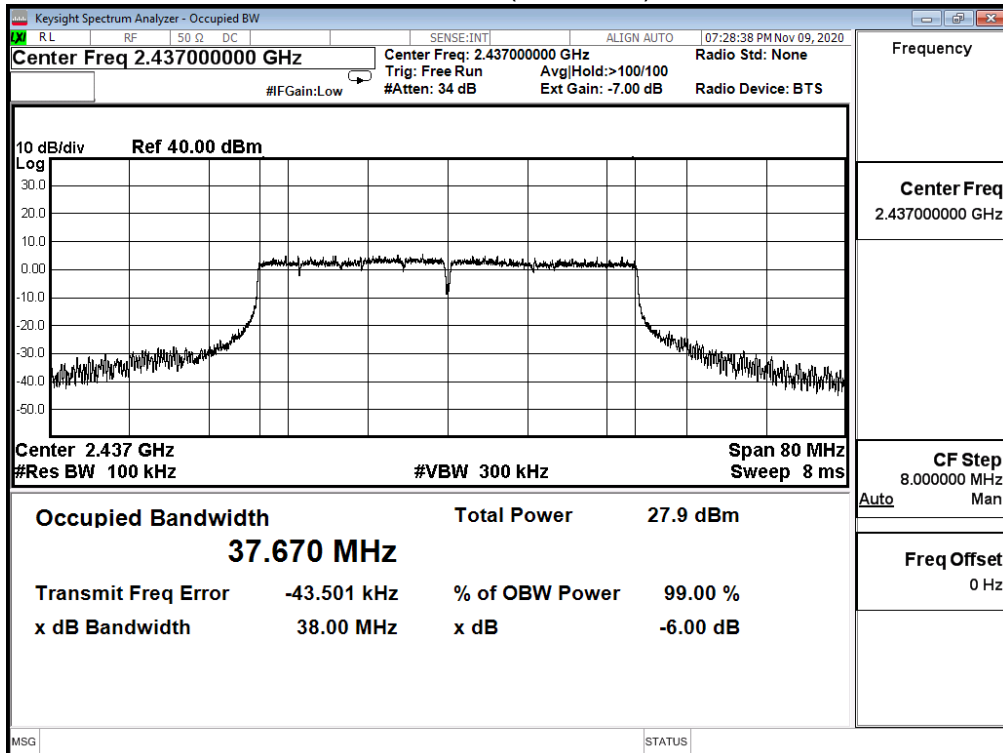
Channel 6 (2437MHz)



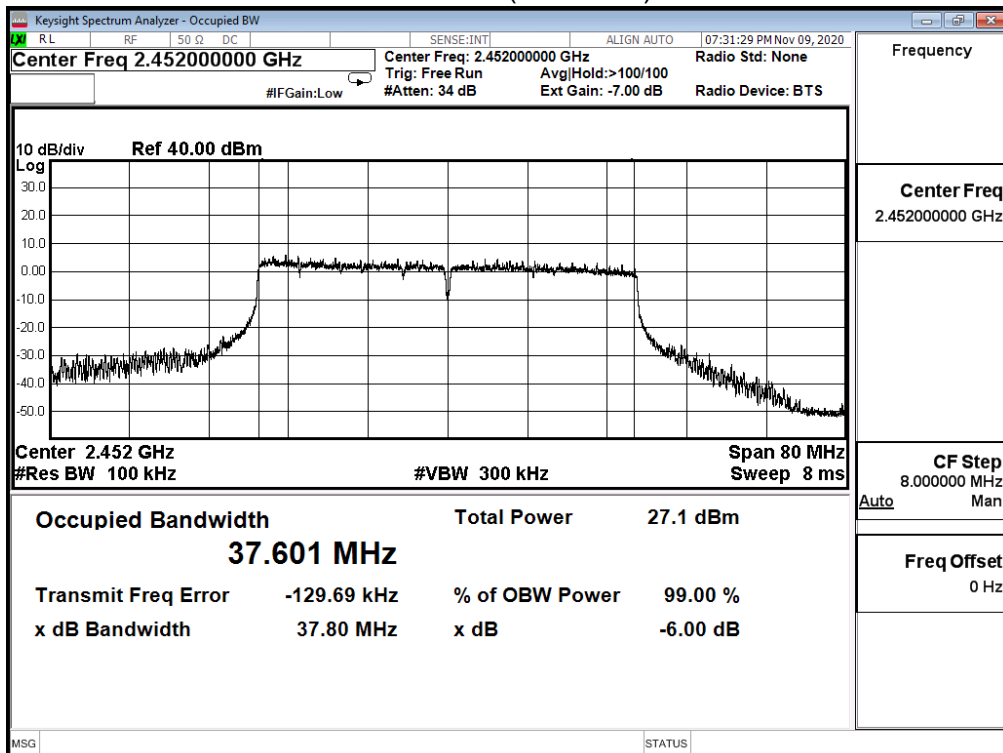
Channel 9 (2452MHz)



Channel 6 (2437MHz)



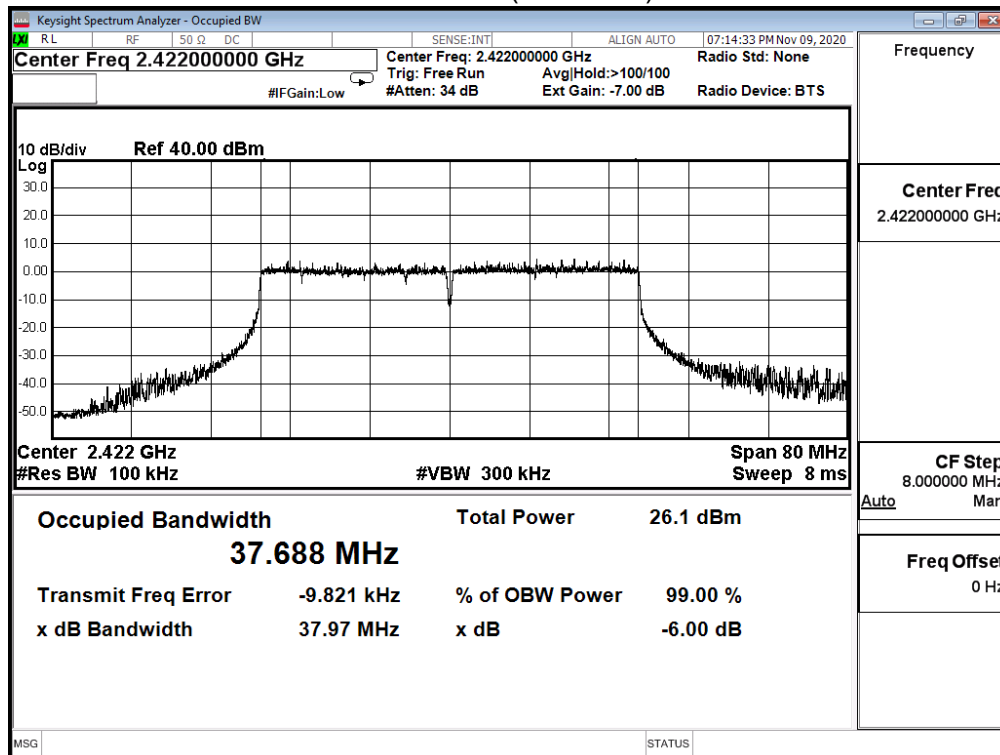
Channel 9 (2452MHz)



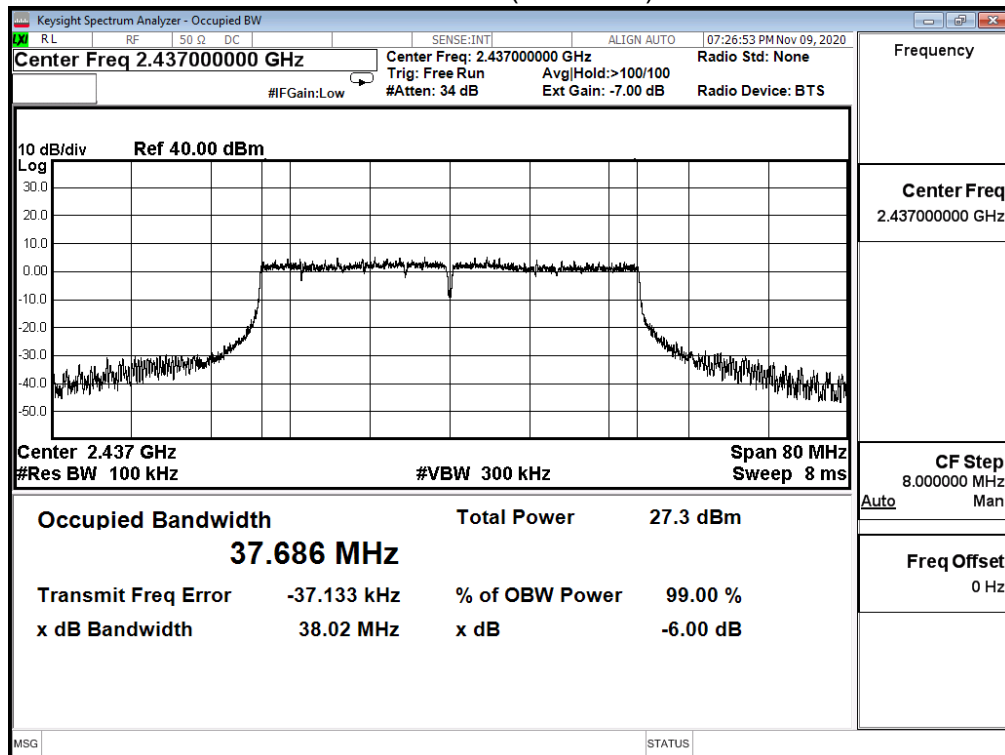
Product	Consumer Home Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

IEEE 802.11ax(40M)(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	37.970	≥0.5	Pass
6	2437	38.020	≥0.5	Pass
9	2452	37.660	≥0.5	Pass

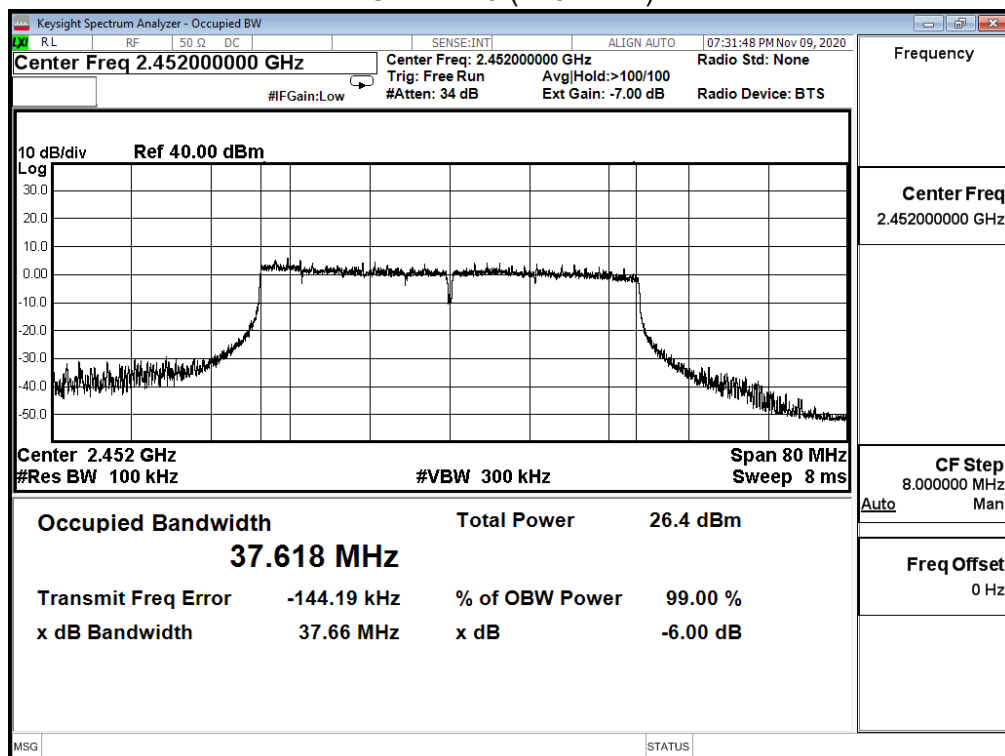
Channel 3 (2422MHz)



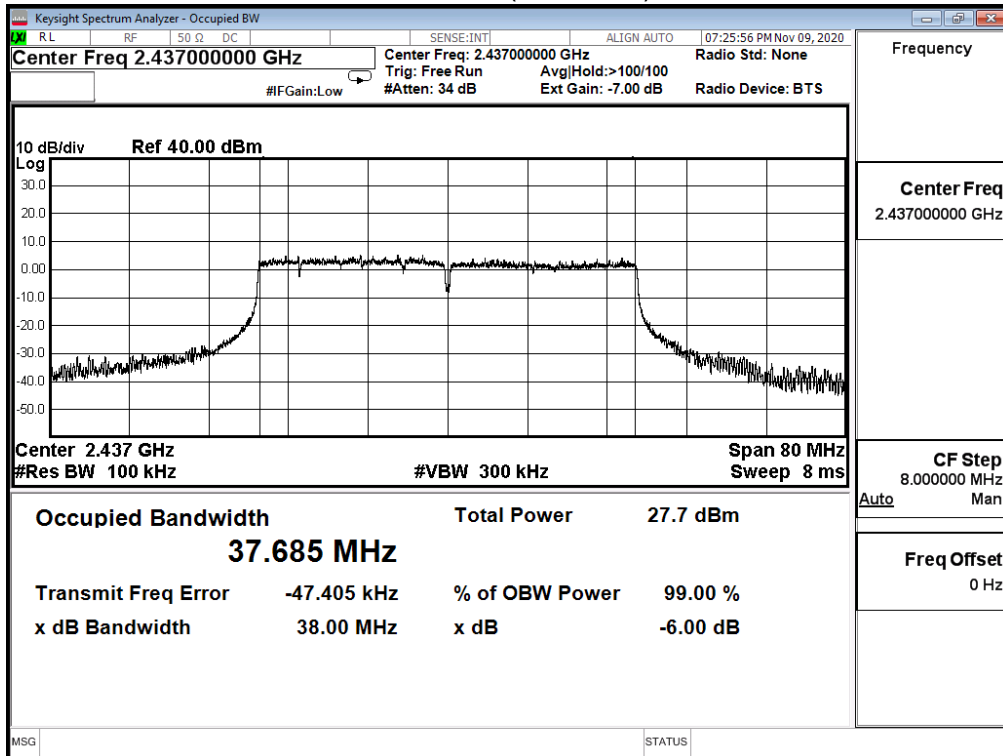
Channel 6 (2437MHz)



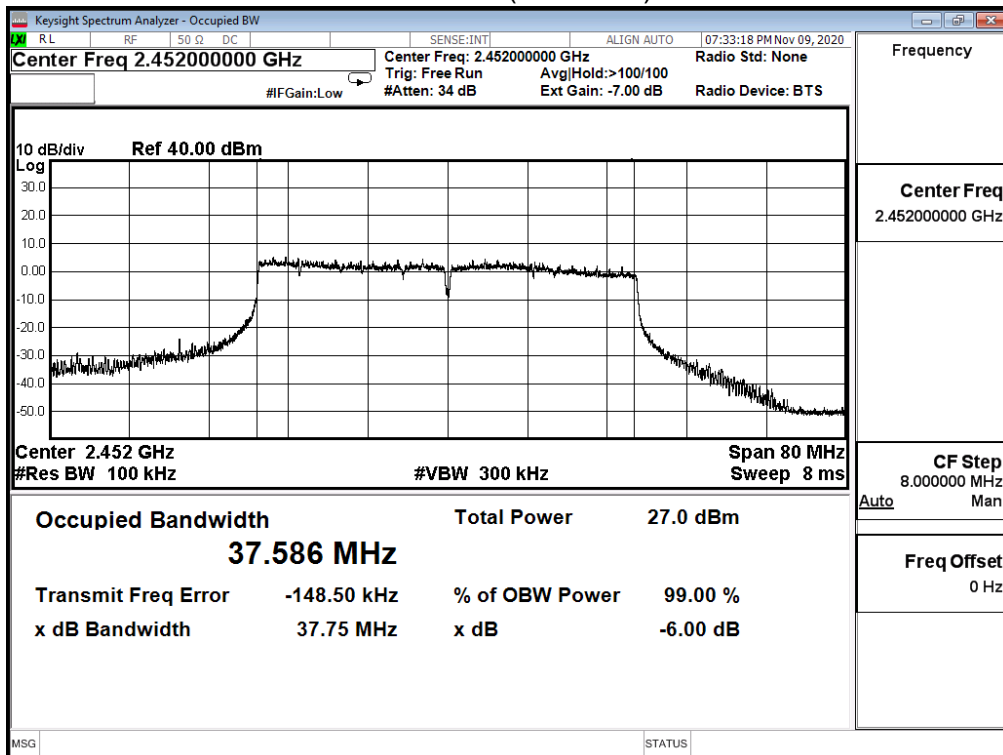
Channel 9 (2452MHz)



Channel 6 (2437MHz)

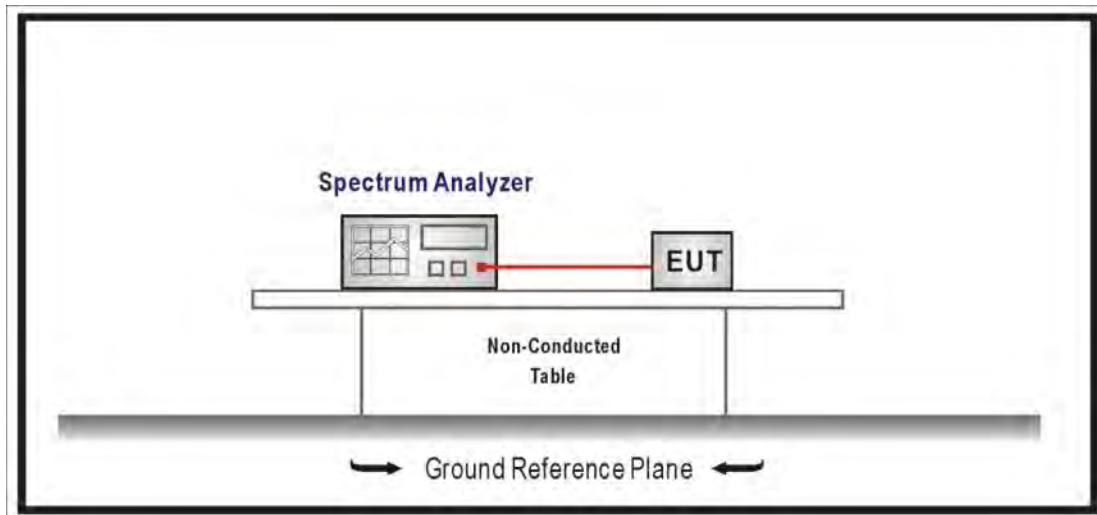


Channel 9 (2452MHz)



8. Occupied Bandwidth

8.1. Test Setup



8.2. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074 D01 v05r02 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 1-5% of the OBW, Set the VBW $\geq 3 \times$ RBW, Sweep Time=Auto.

8.3. Limits

N/A

8.4. Test Specification

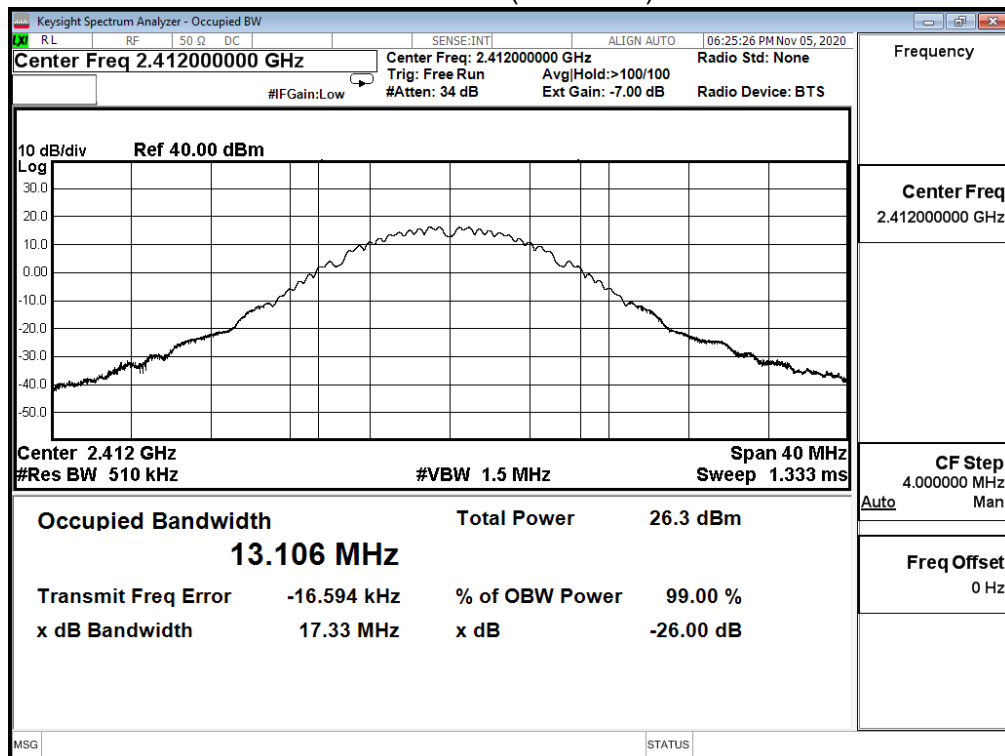
According to FCC Part 15 Subpart C Paragraph 15.247: 2019

8.5. Test Result

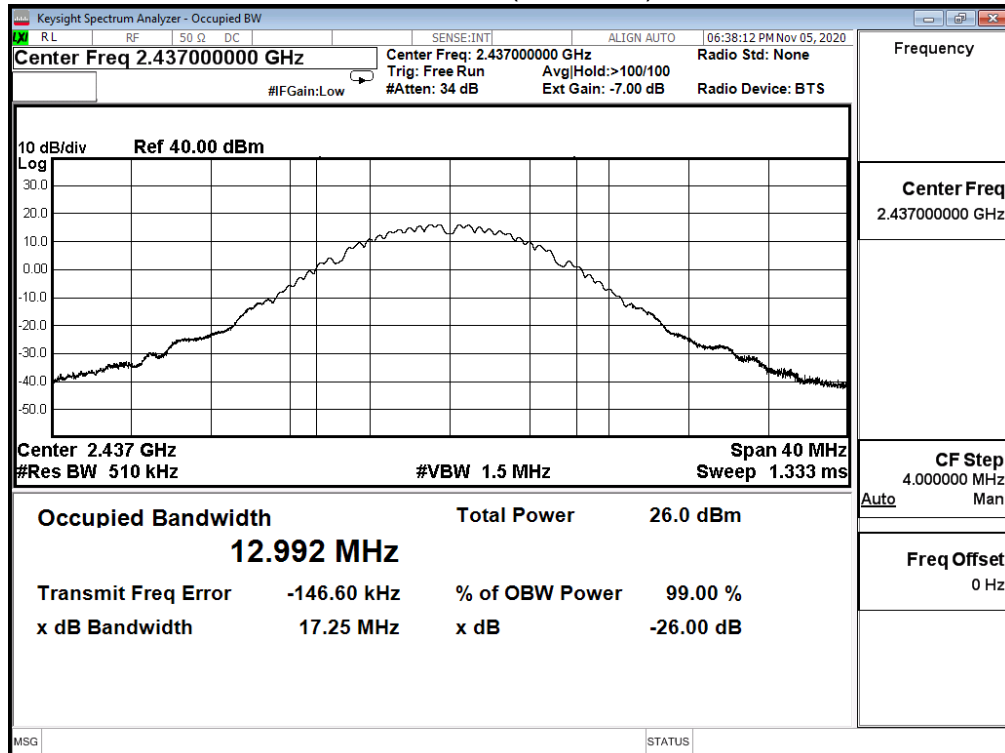
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/05	Test Site	SR12-H
Test Temperature	24.0°C	Test Humidity	60.0%

802.11b (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	13.106	--
6	2437	12.992	--
11	2462	12.712	--

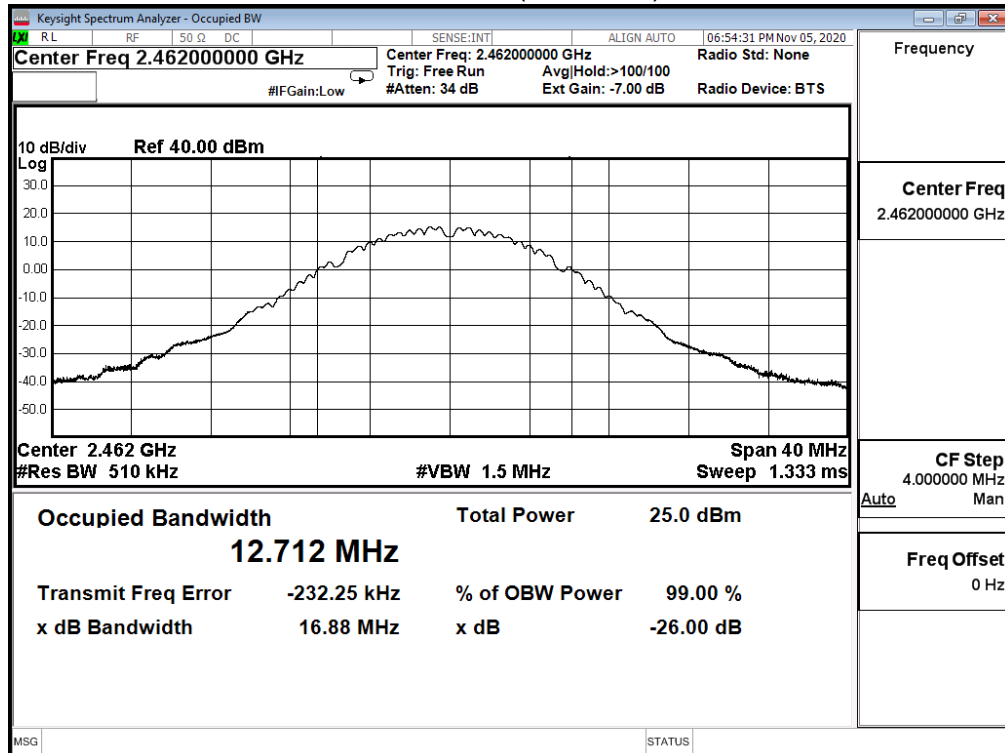
Channel 1 (2412MHz)



Channel 6 (2437MHz)



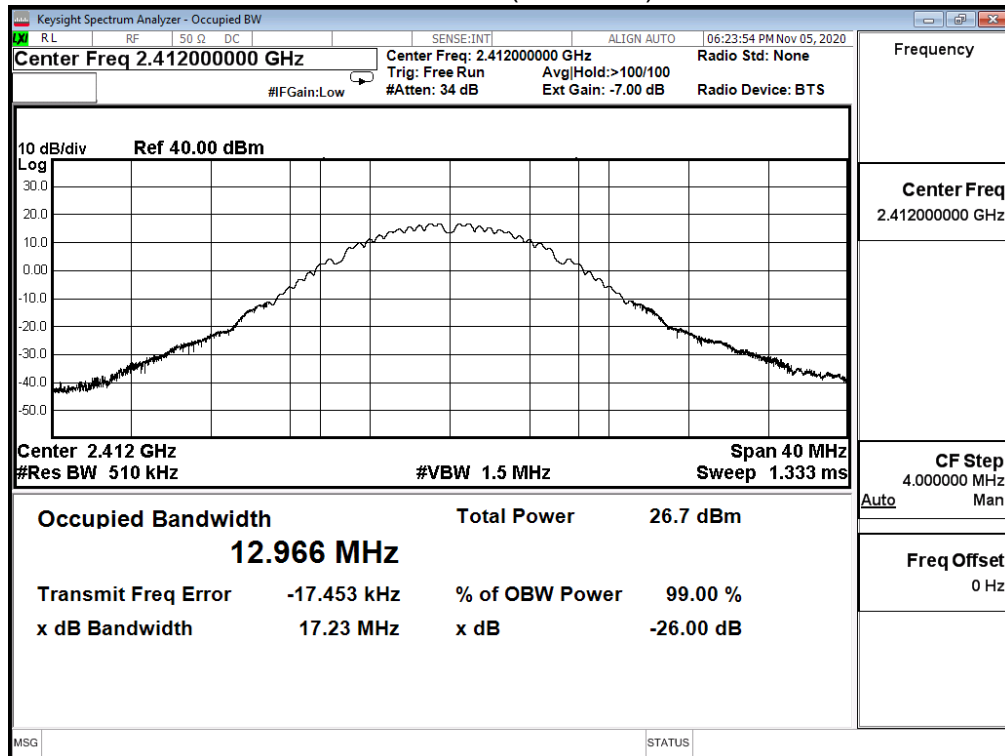
Channel 11 (2462MHz)



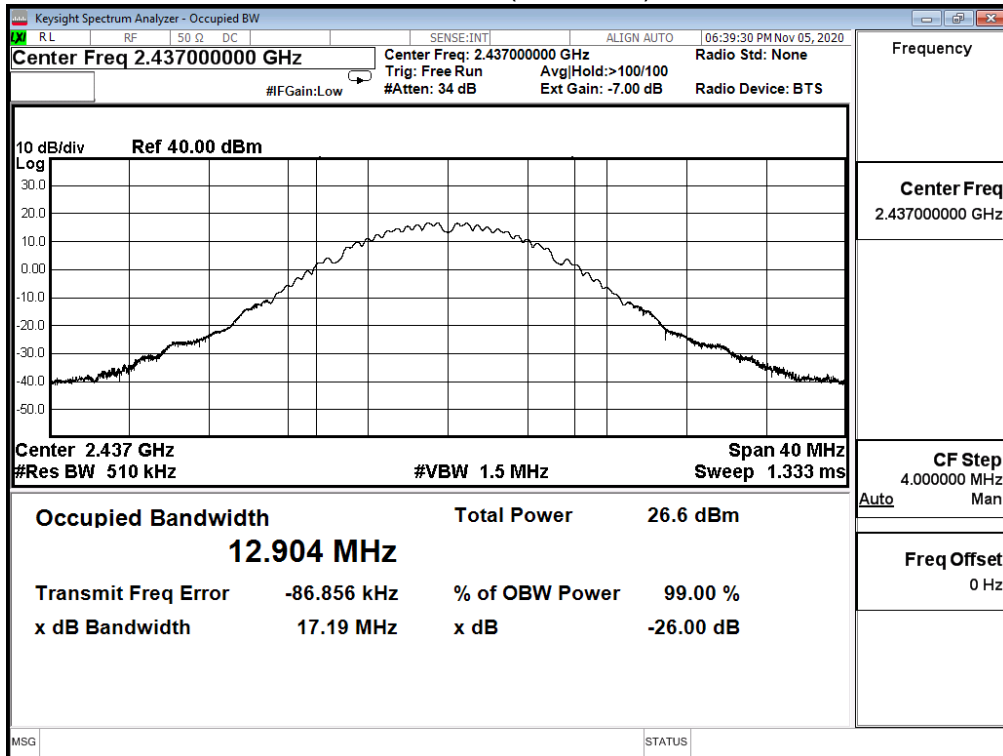
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/05	Test Site	SR12-H
Test Temperature	24.0°C	Test Humidity	60.0%

802.11b (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	12.966	---
6	2437	12.904	---
11	2462	12.714	---

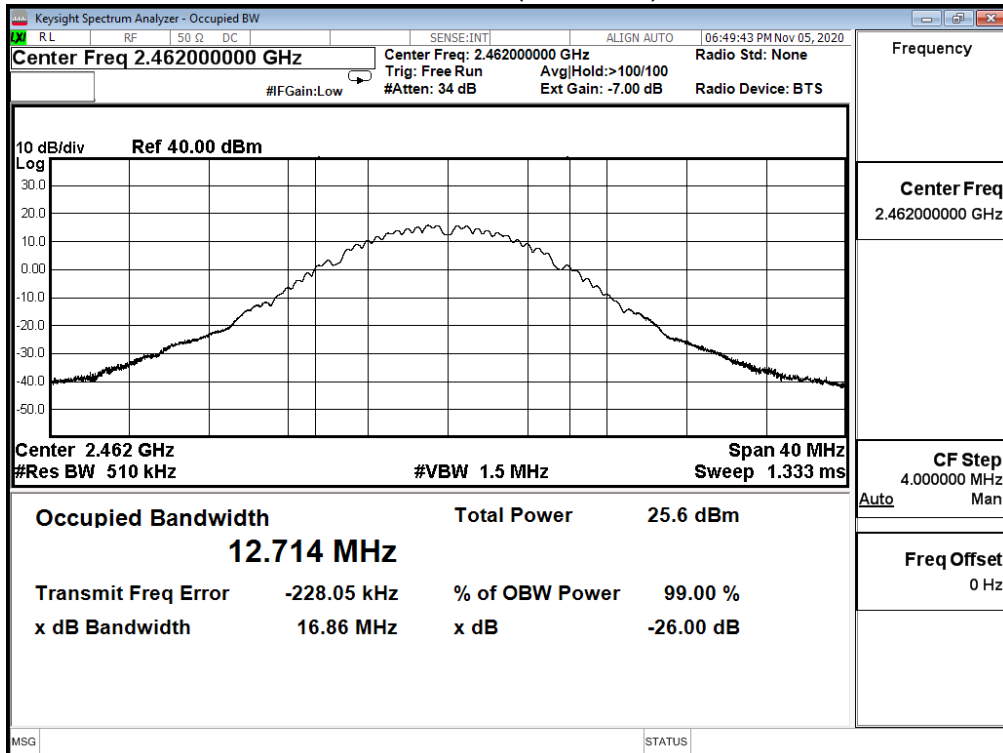
Channel 1 (2412MHz)



Channel 6 (2437MHz)



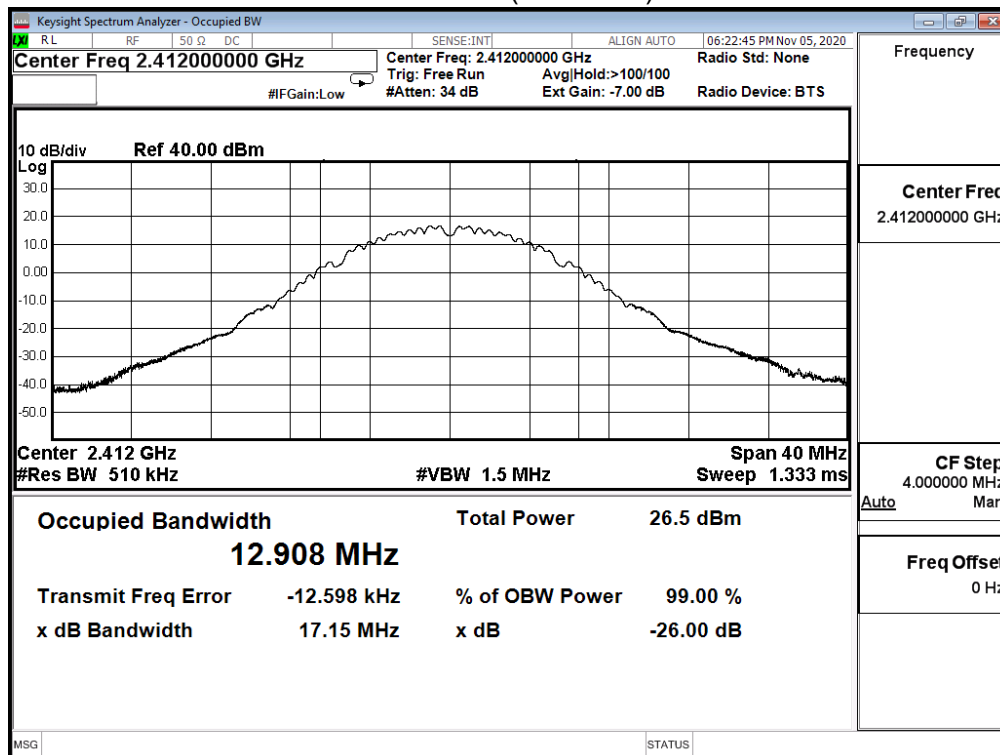
Channel 11 (2462MHz)



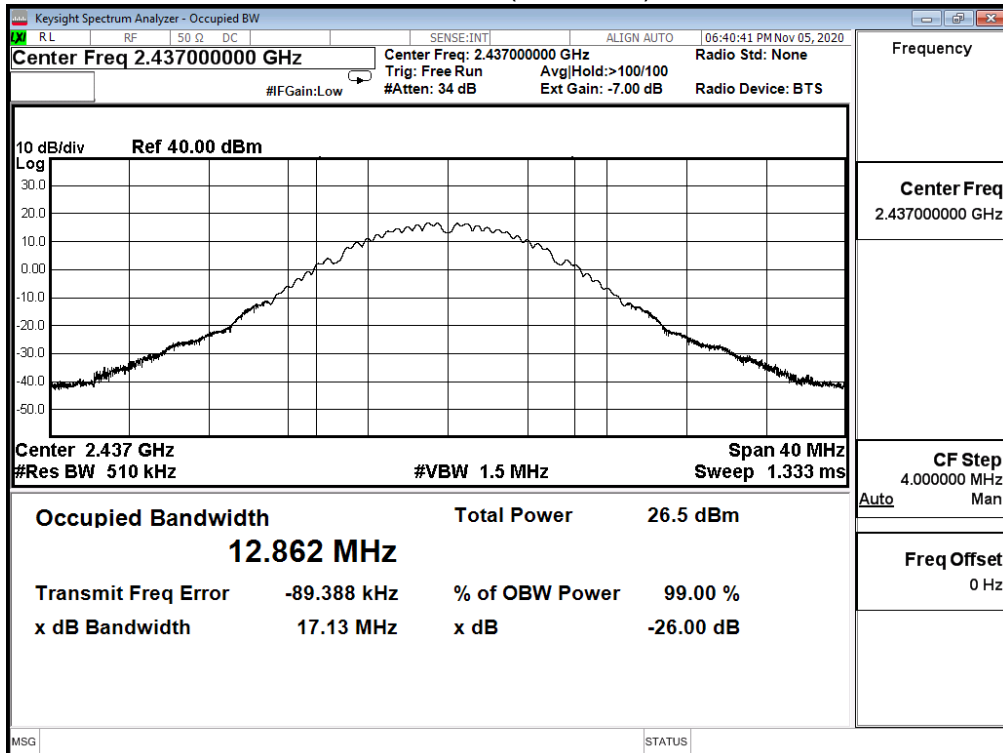
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/05	Test Site	SR12-H
Test Temperature	24.0°C	Test Humidity	60.0%

802.11b (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	12.908	---
6	2437	12.862	---
11	2462	12.636	---

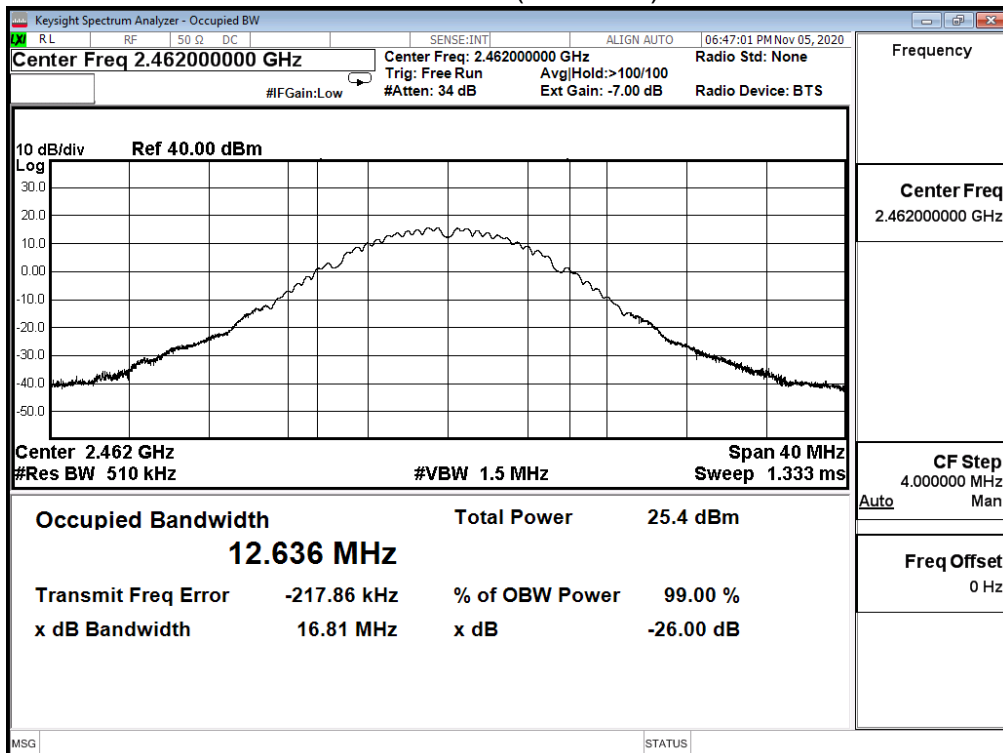
Channel 1 (2412MHz)



Channel 6 (2437MHz)



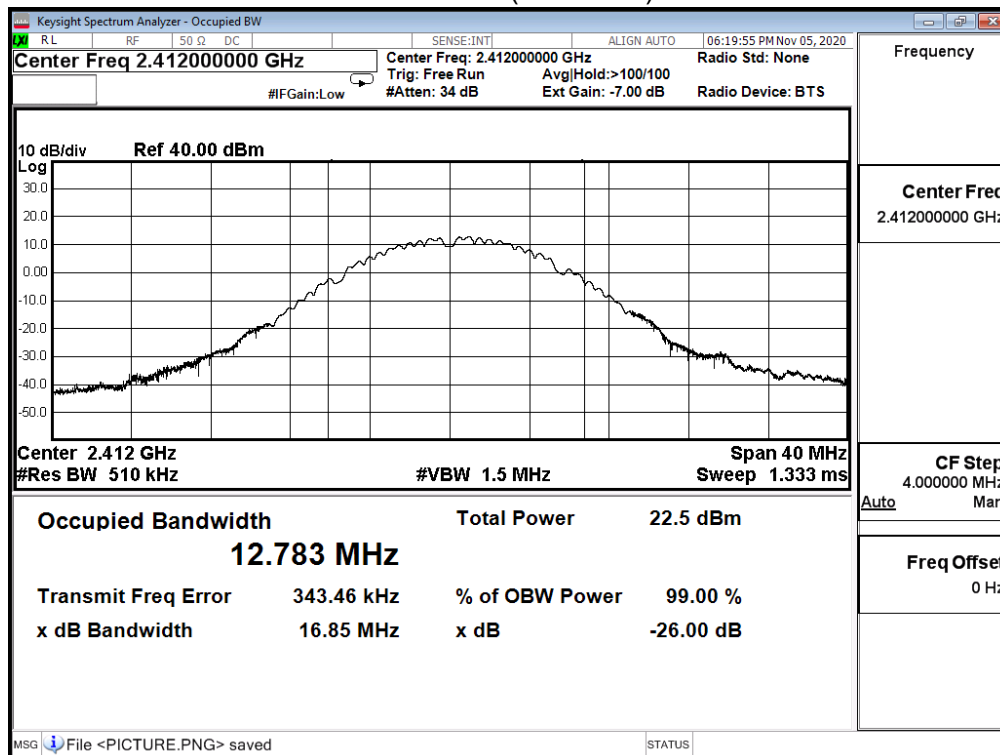
Channel 11 (2462MHz)



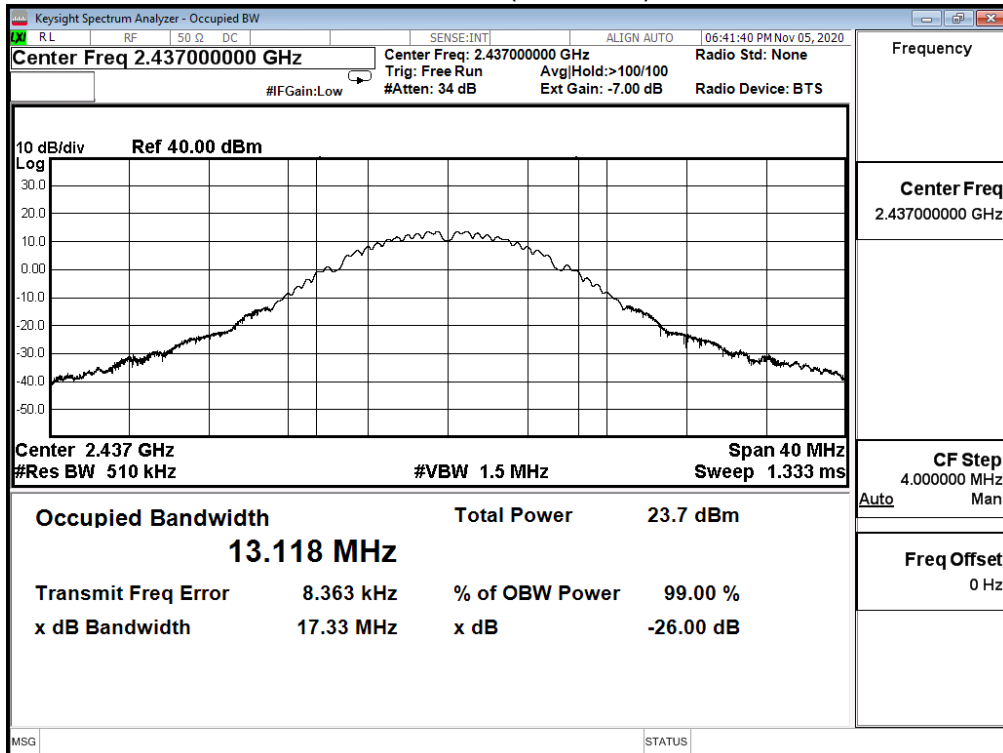
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/05	Test Site	SR12-H
Test Temperature	24.0°C	Test Humidity	60.0%

802.11b (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	12.783	---
6	2437	13.118	---
11	2462	12.932	---

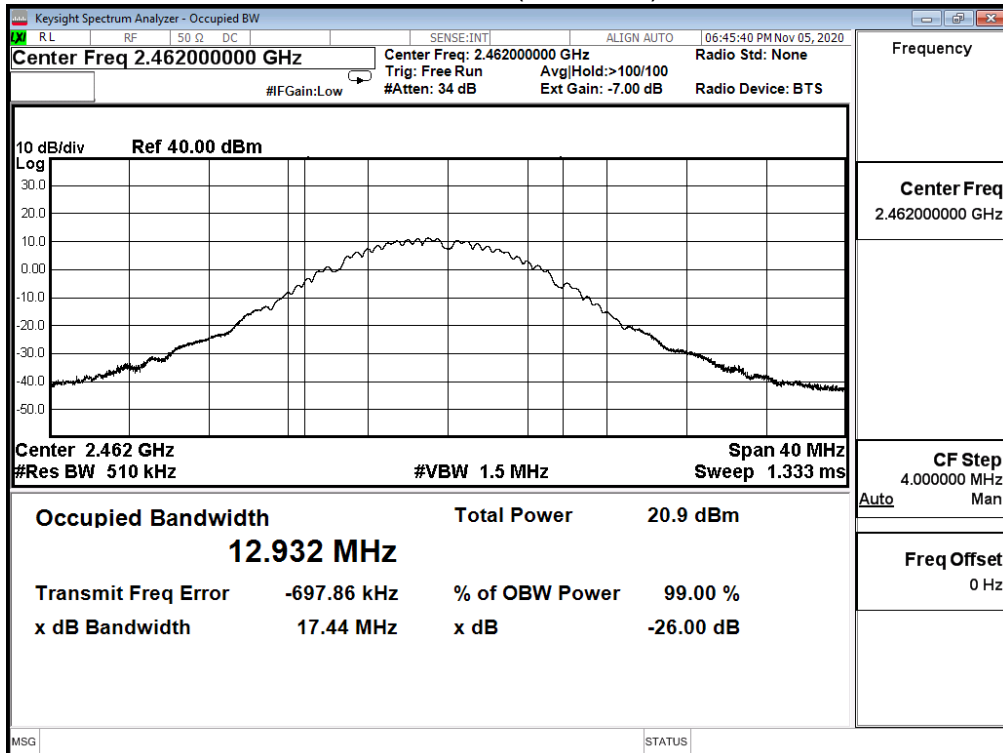
Channel 1 (2412MHz)



Channel 6 (2437MHz)



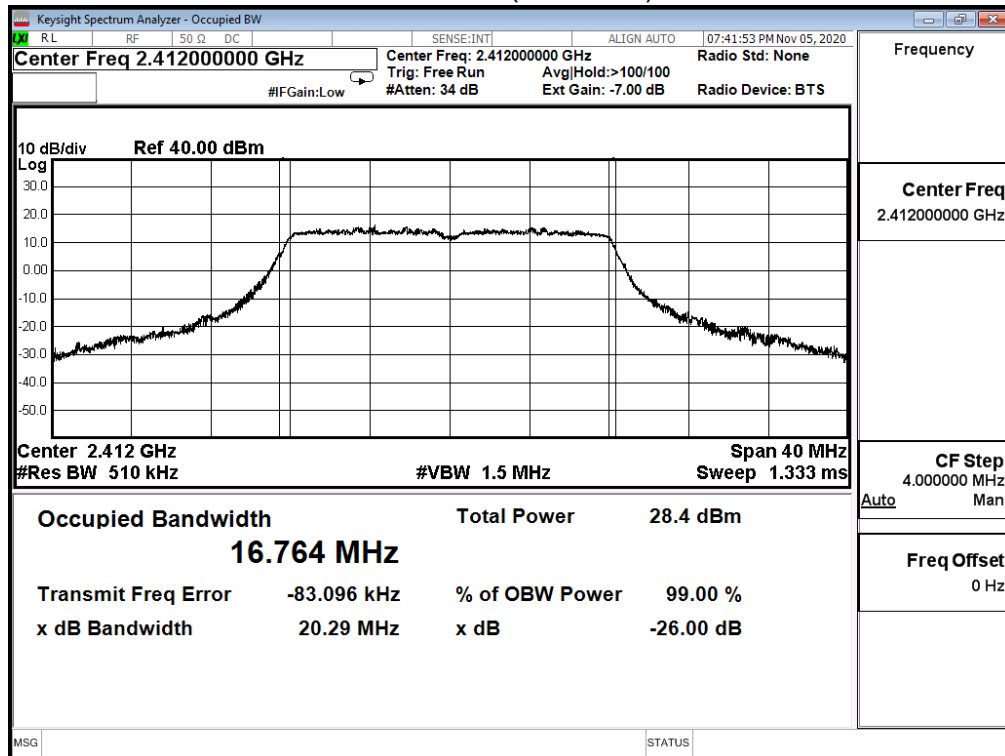
Channel 11 (2462MHz)



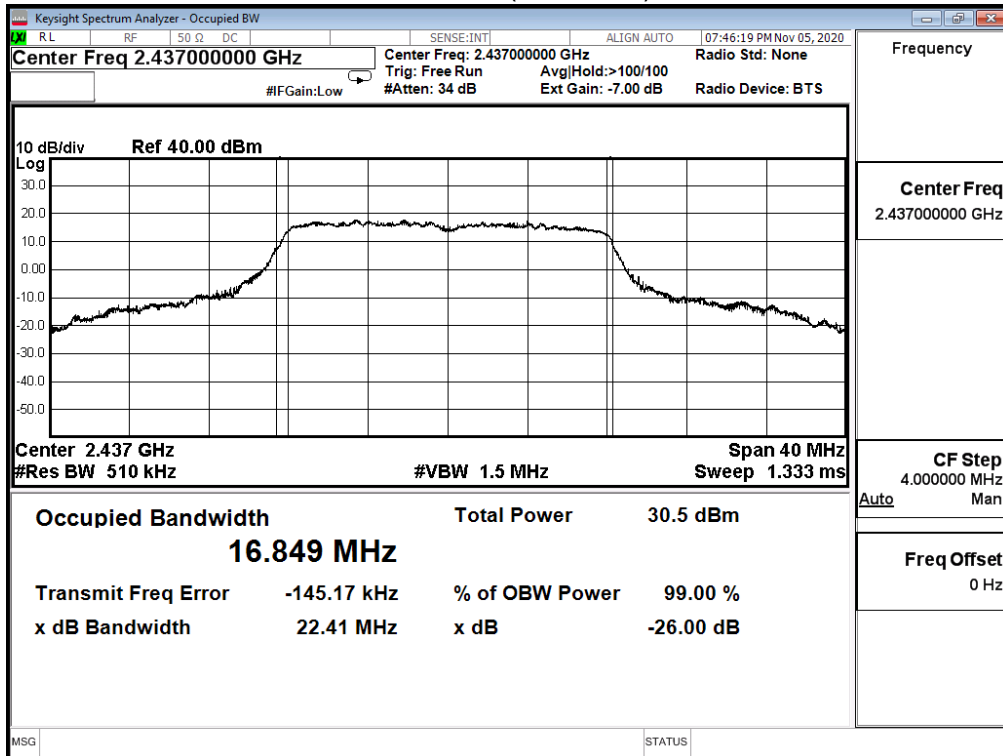
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/05	Test Site	SR12-H
Test Temperature	24.0°C	Test Humidity	60.0%

802.11g (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	16.764	---
6	2437	16.849	---
11	2462	16.689	---

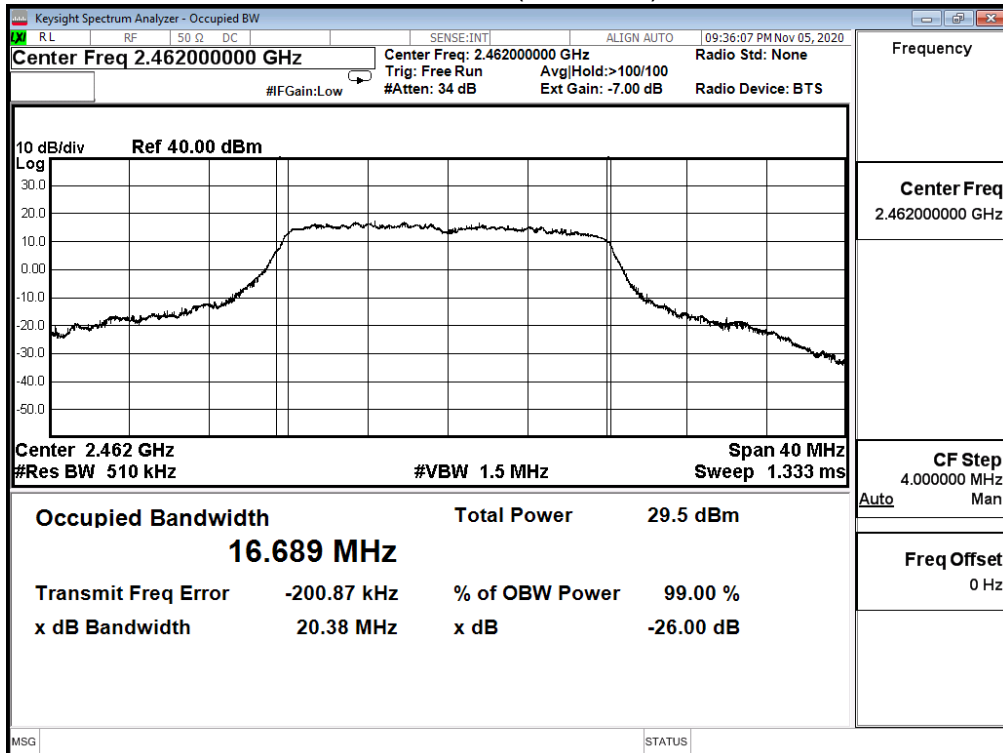
Channel 1 (2412MHz)



Channel 6 (2437MHz)



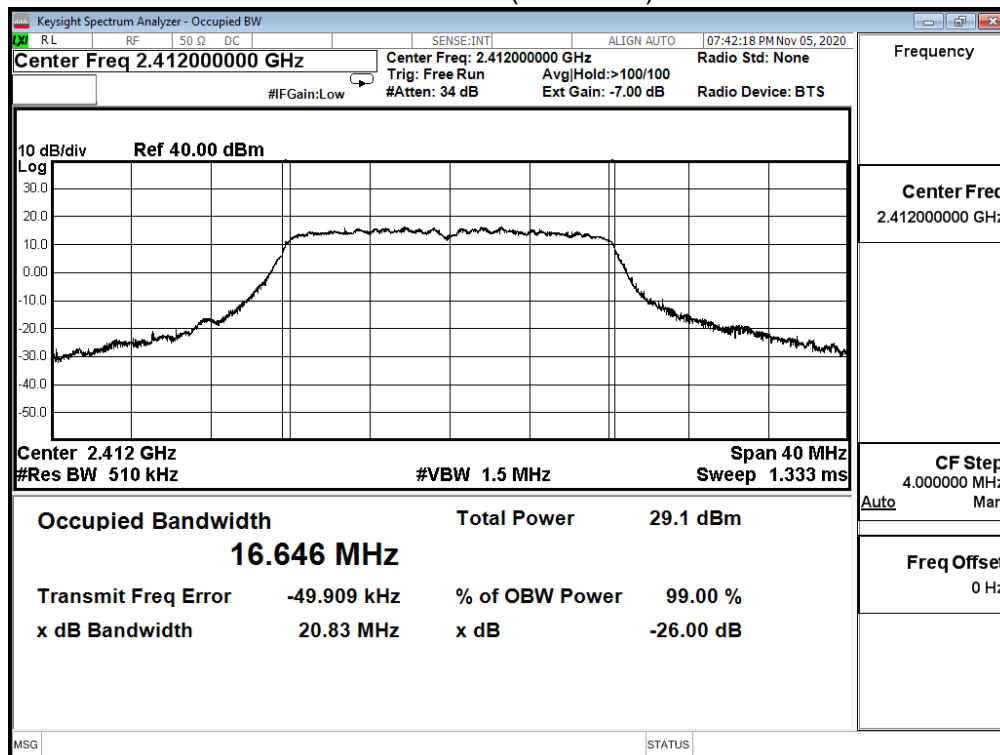
Channel 11 (2462MHz)



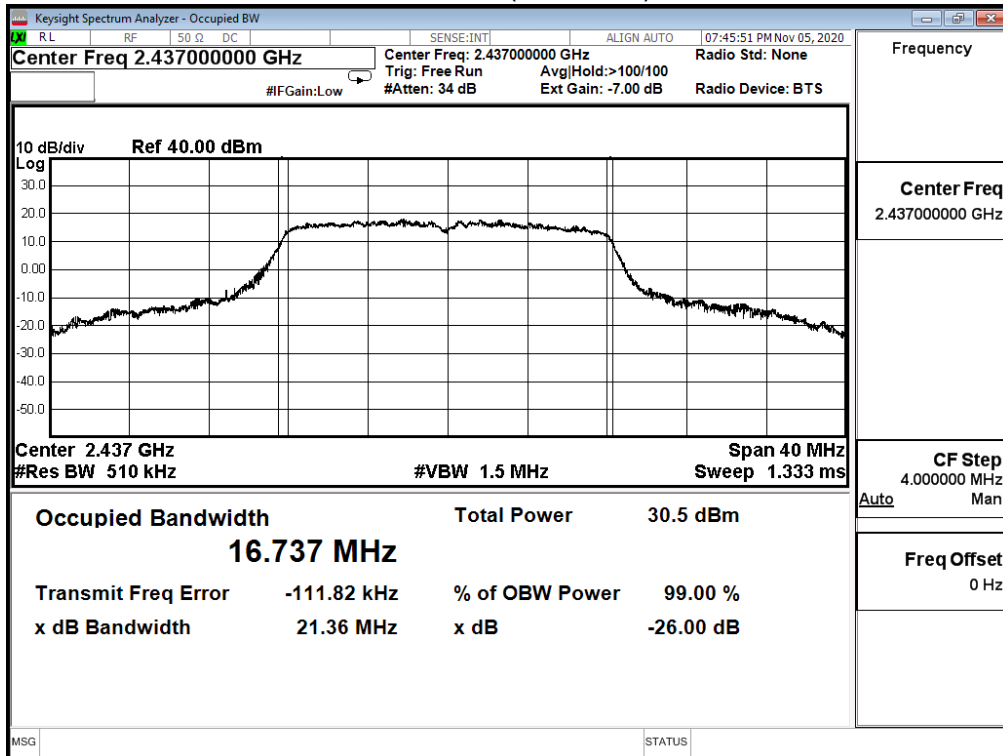
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/05	Test Site	SR12-H
Test Temperature	24.0°C	Test Humidity	60.0%

802.11g (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	16.646	---
6	2437	16.737	---
11	2462	16.675	---

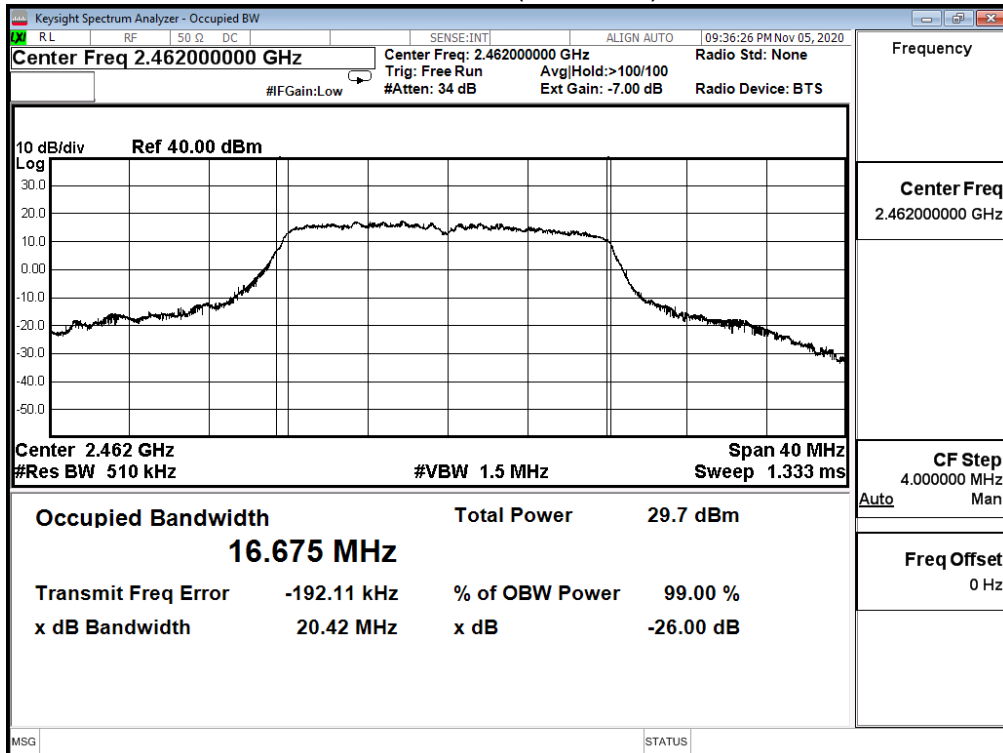
Channel 1 (2412MHz)



Channel 6 (2437MHz)



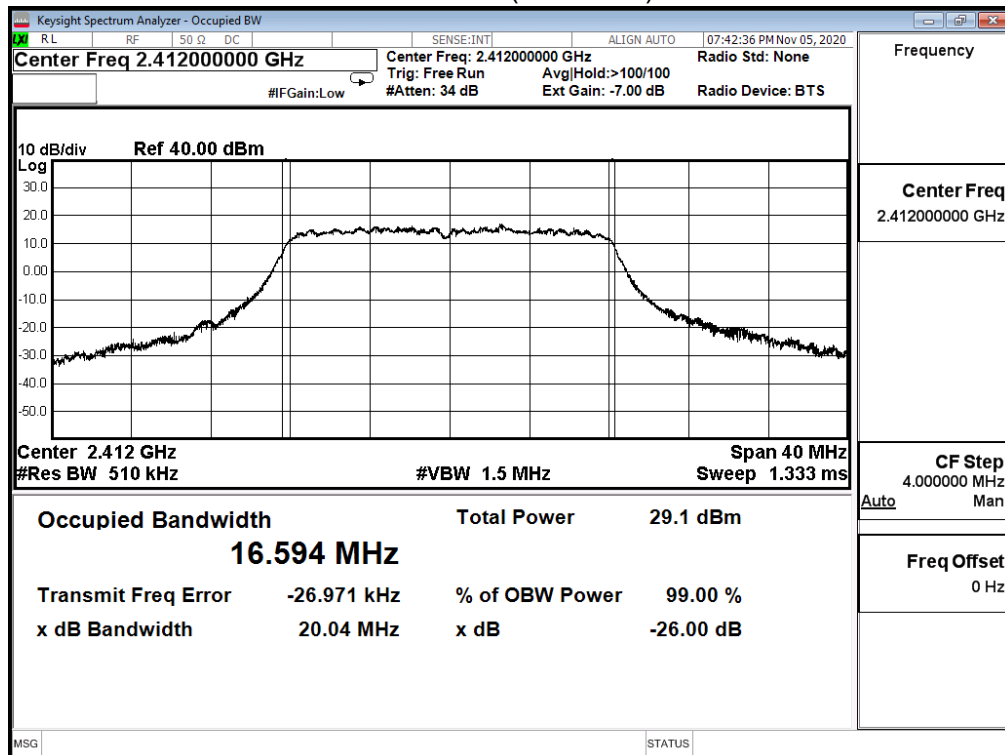
Channel 11 (2462MHz)



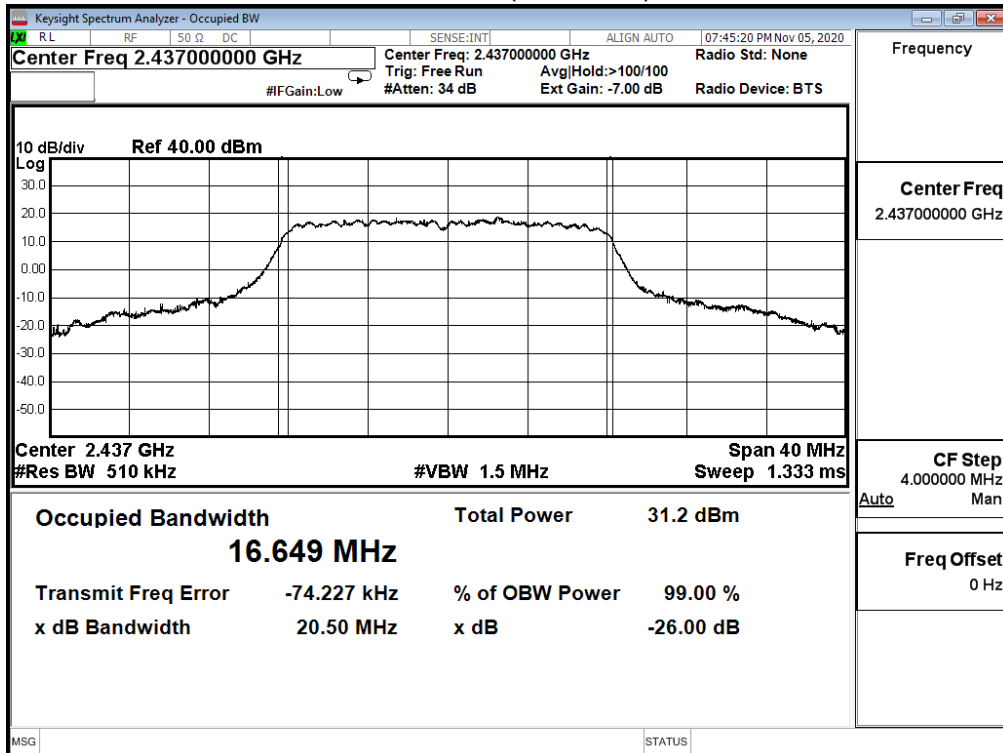
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/05	Test Site	SR12-H
Test Temperature	24.0°C	Test Humidity	60.0%

802.11g (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	16.594	---
6	2437	16.649	---
11	2462	16.593	---

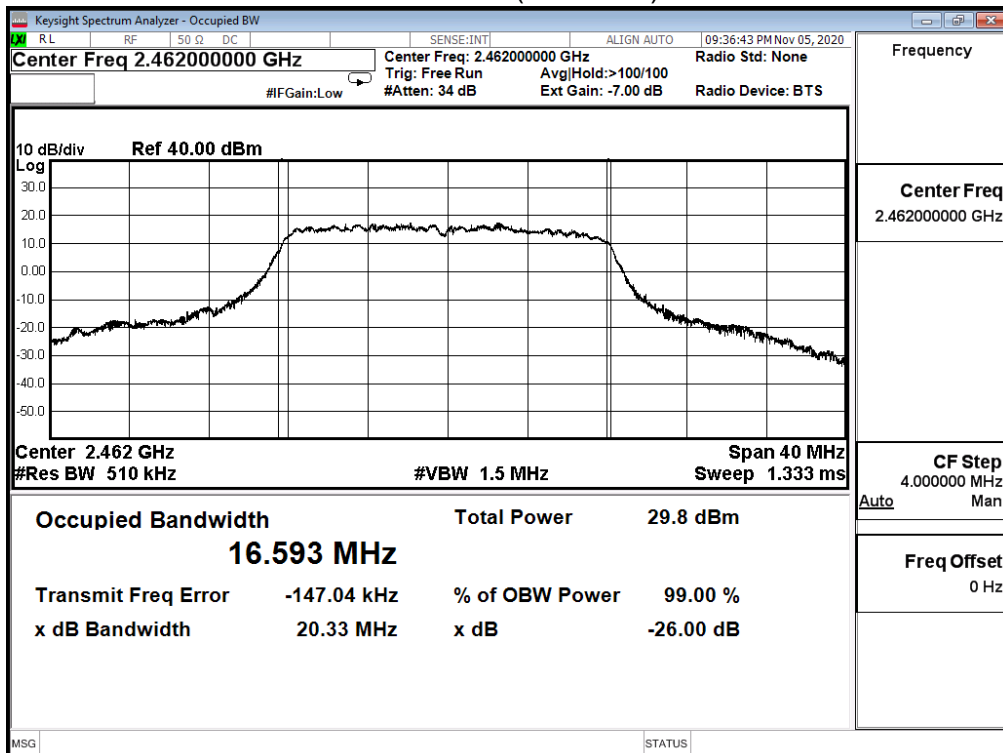
Channel 1 (2412MHz)



Channel 6 (2437MHz)



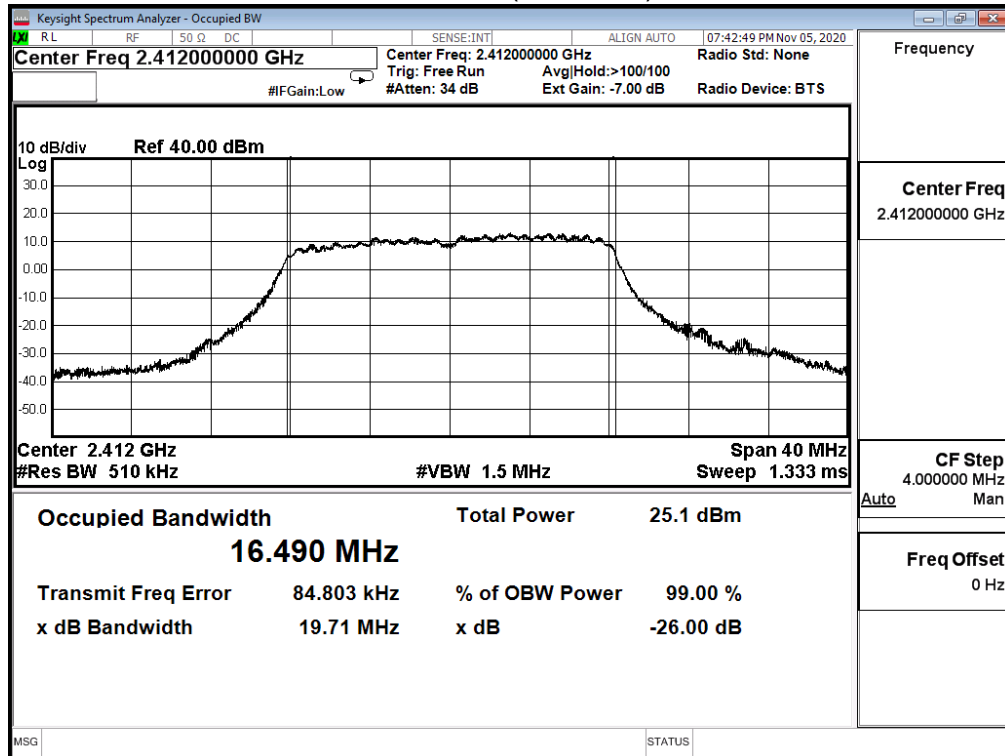
Channel 11 (2462MHz)



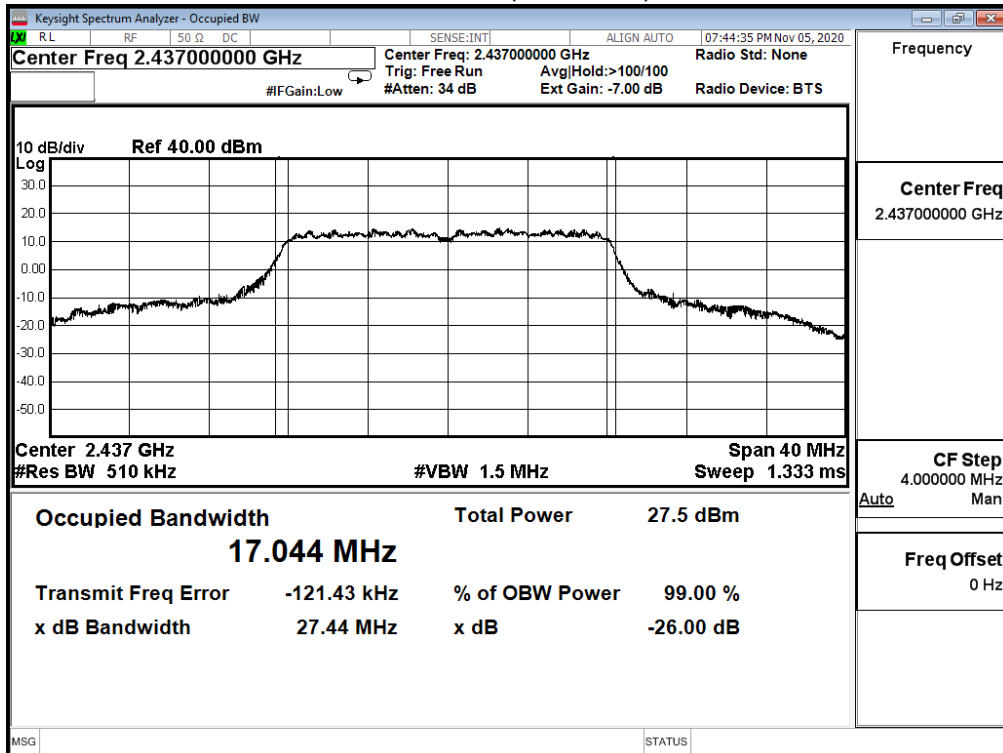
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/05	Test Site	SR12-H
Test Temperature	24.0°C	Test Humidity	60.0%

802.11g (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	16.490	---
6	2437	17.044	---
11	2462	17.038	---

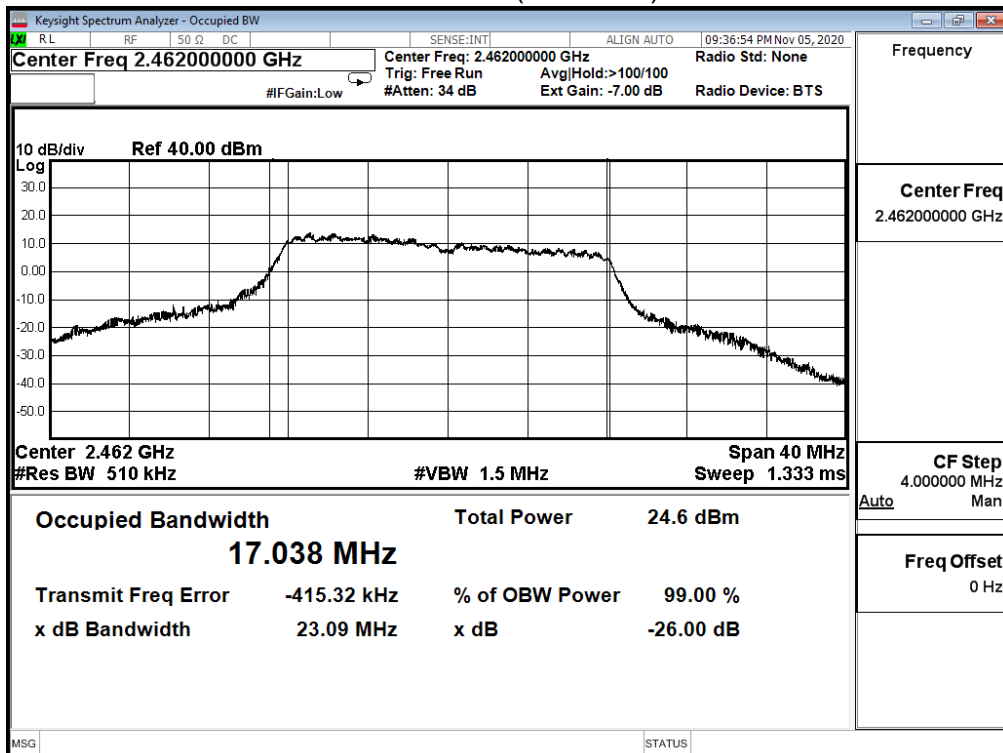
Channel 1 (2412MHz)



Channel 6 (2437MHz)



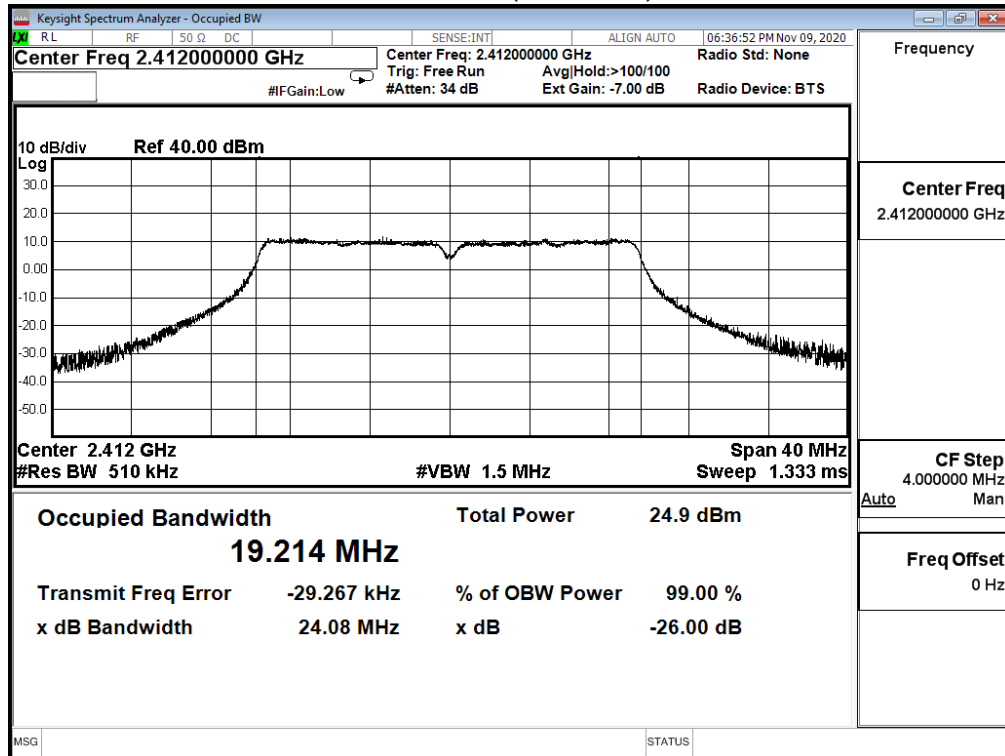
Channel 11 (2462MHz)



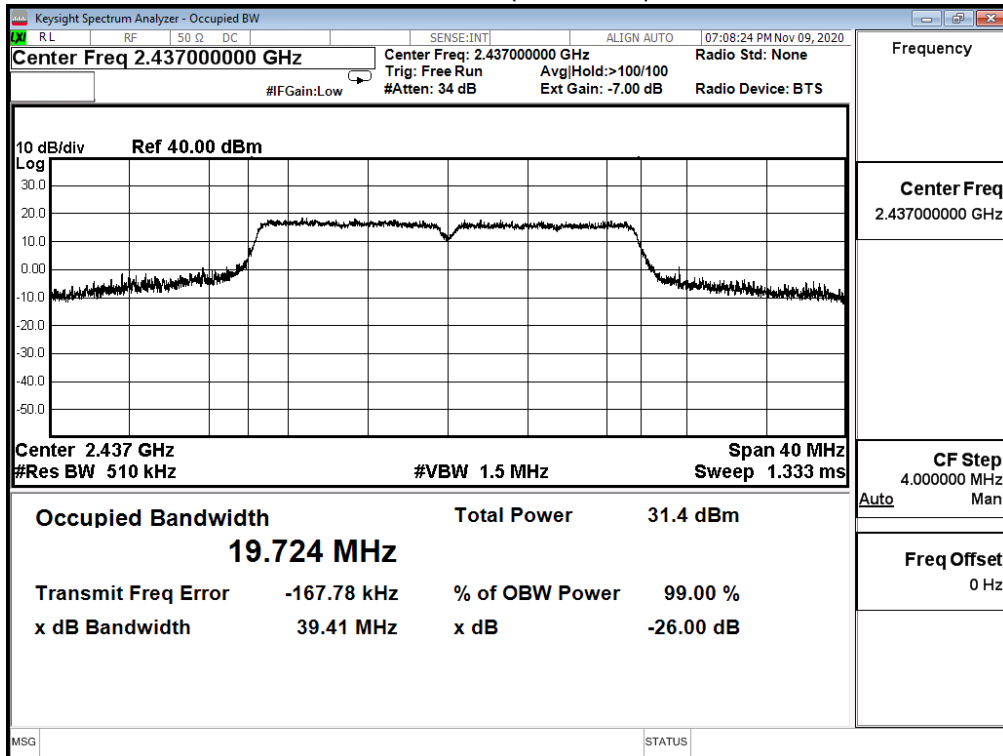
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

IEEE 802.11ax(20M)(ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	19.214	---
6	2437	19.724	---
11	2462	19.065	---

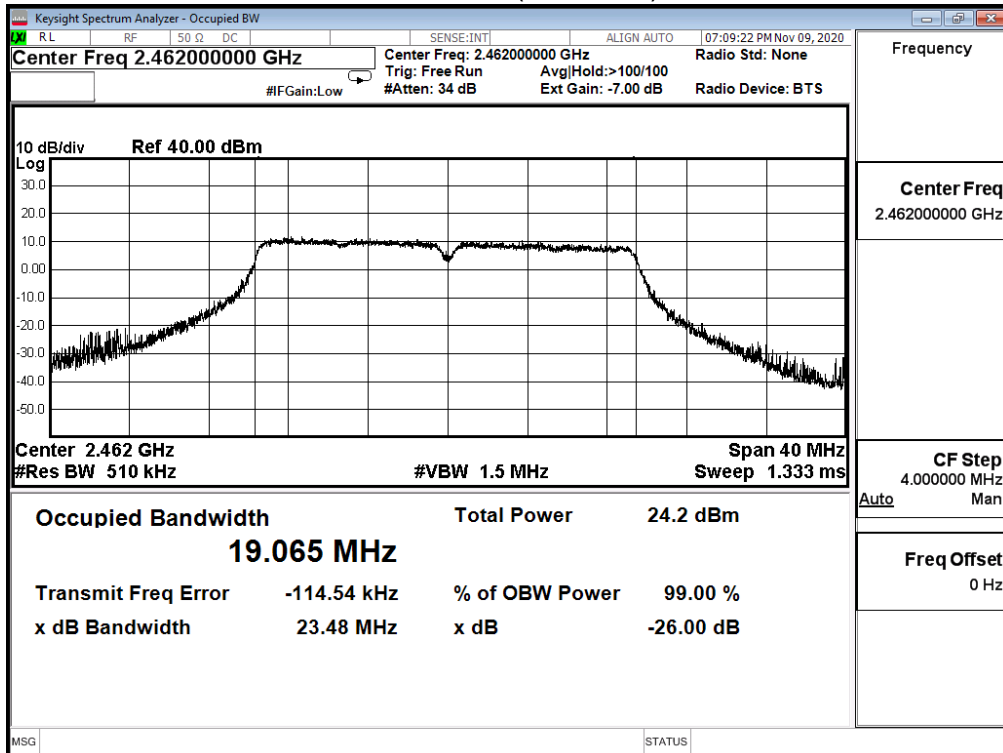
Channel 1 (2412MHz)



Channel 6 (2437MHz)



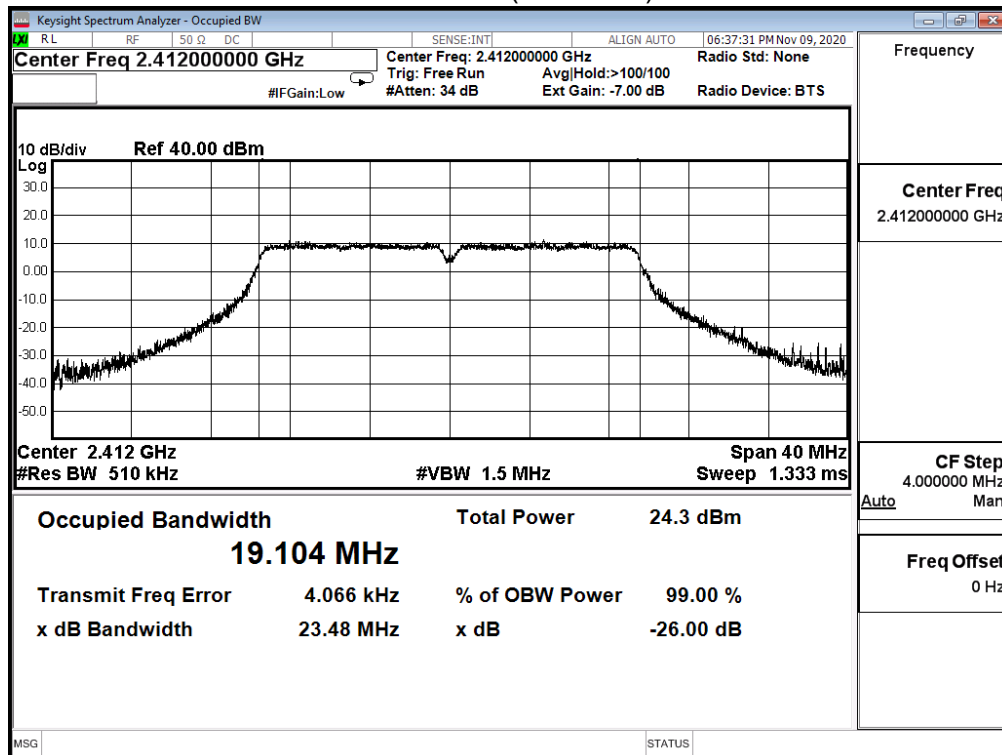
Channel 11 (2462MHz)



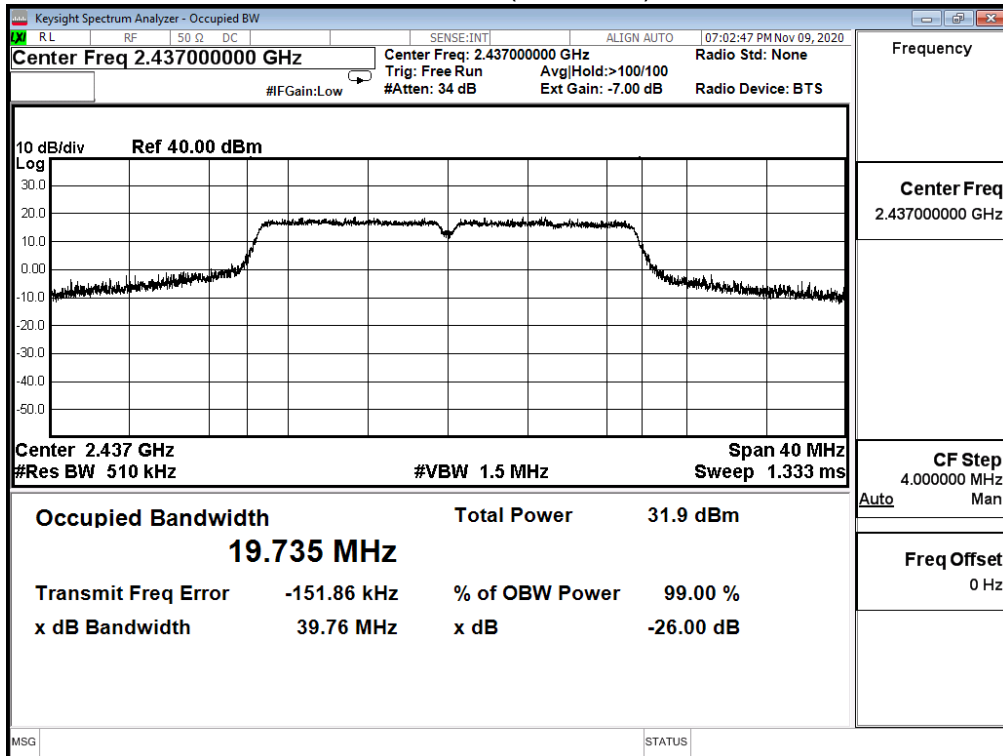
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

IEEE 802.11ax(20M)(ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	19.104	---
6	2437	19.735	---
11	2462	19.016	---

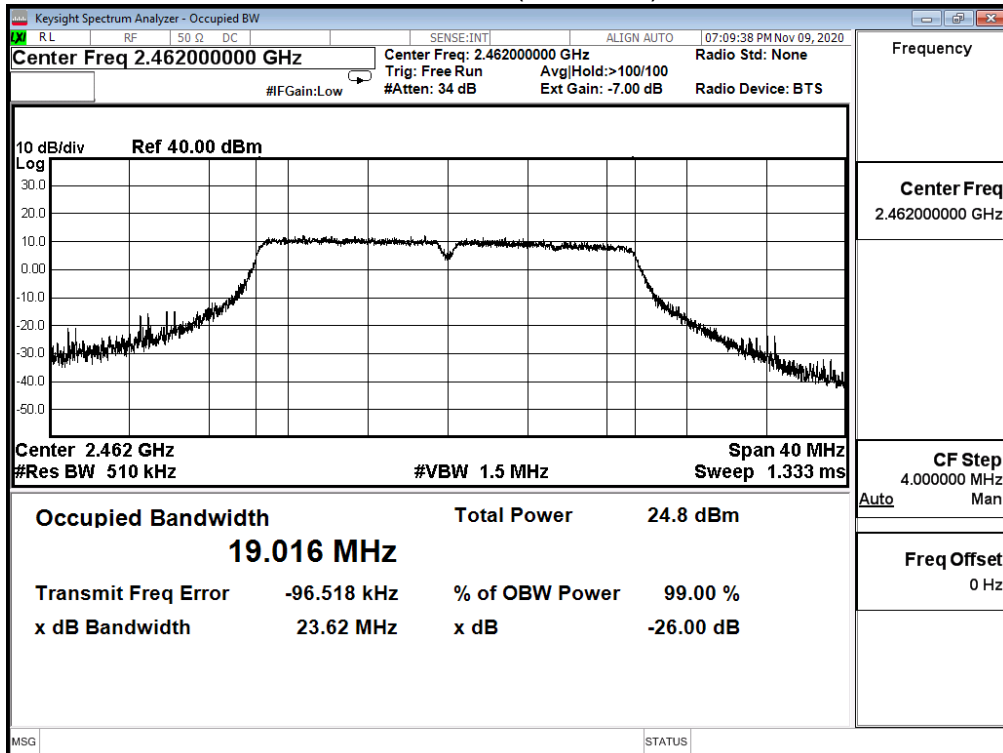
Channel 1 (2412MHz)



Channel 6 (2437MHz)



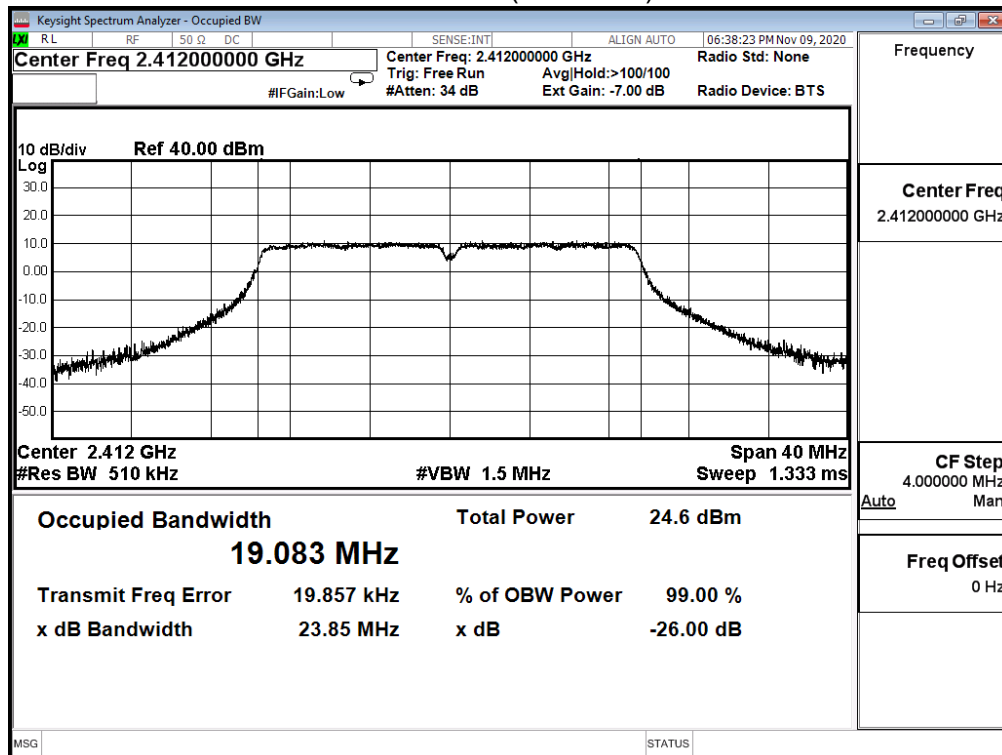
Channel 11 (2462MHz)



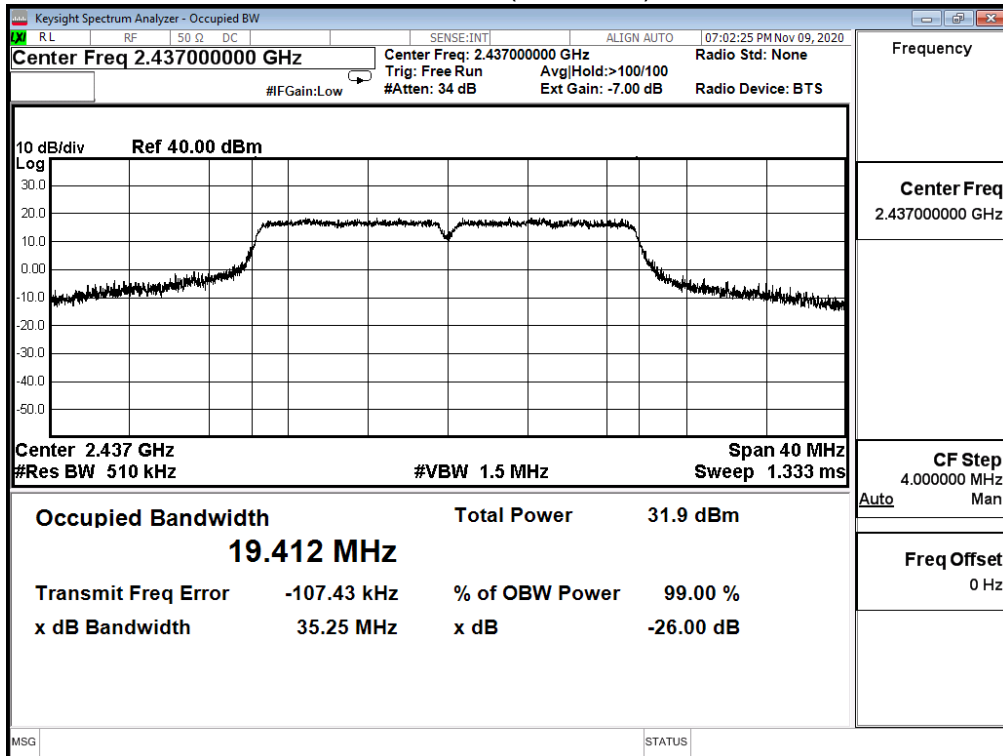
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

IEEE 802.11ax(20M)(ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	19.083	---
6	2437	19.412	---
11	2462	19.001	---

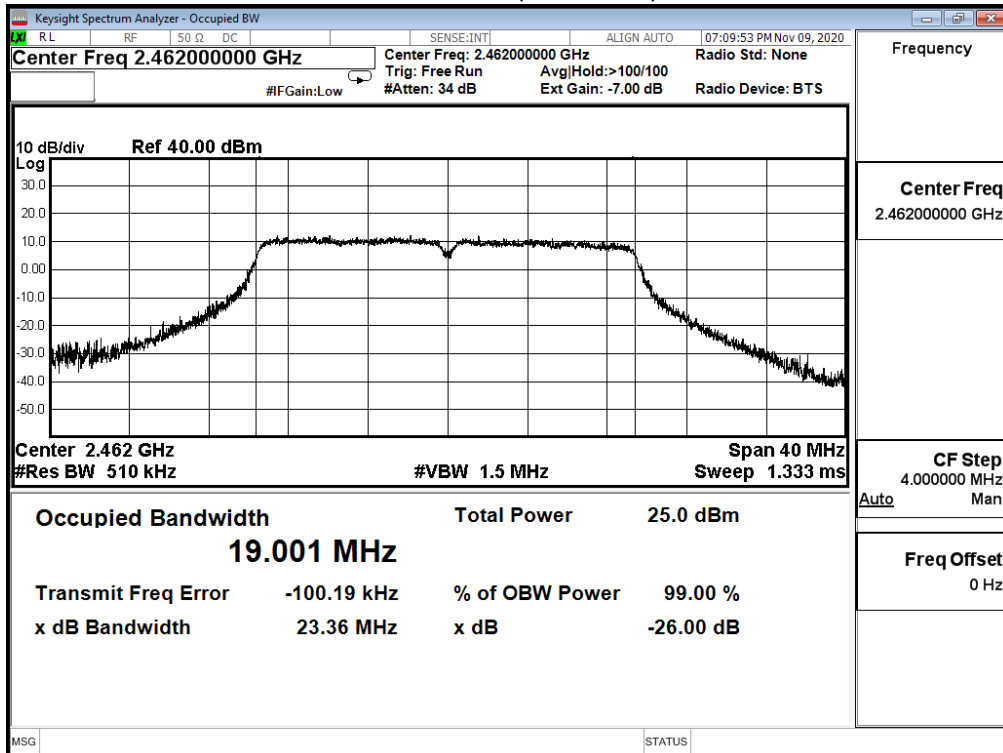
Channel 1 (2412MHz)



Channel 6 (2437MHz)



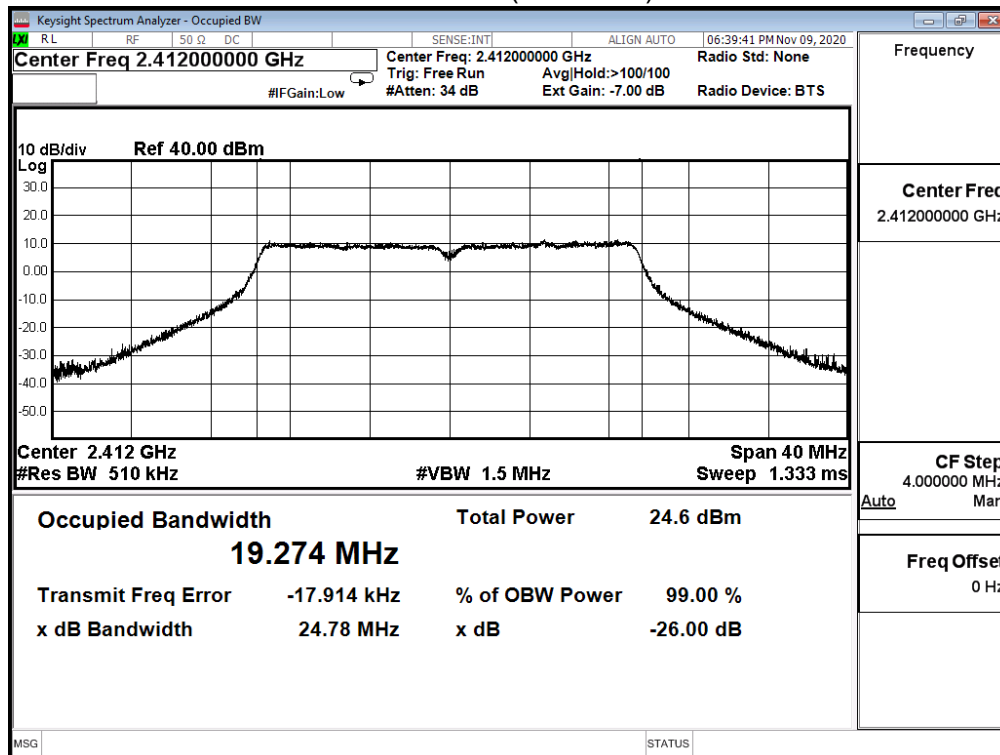
Channel 11 (2462MHz)



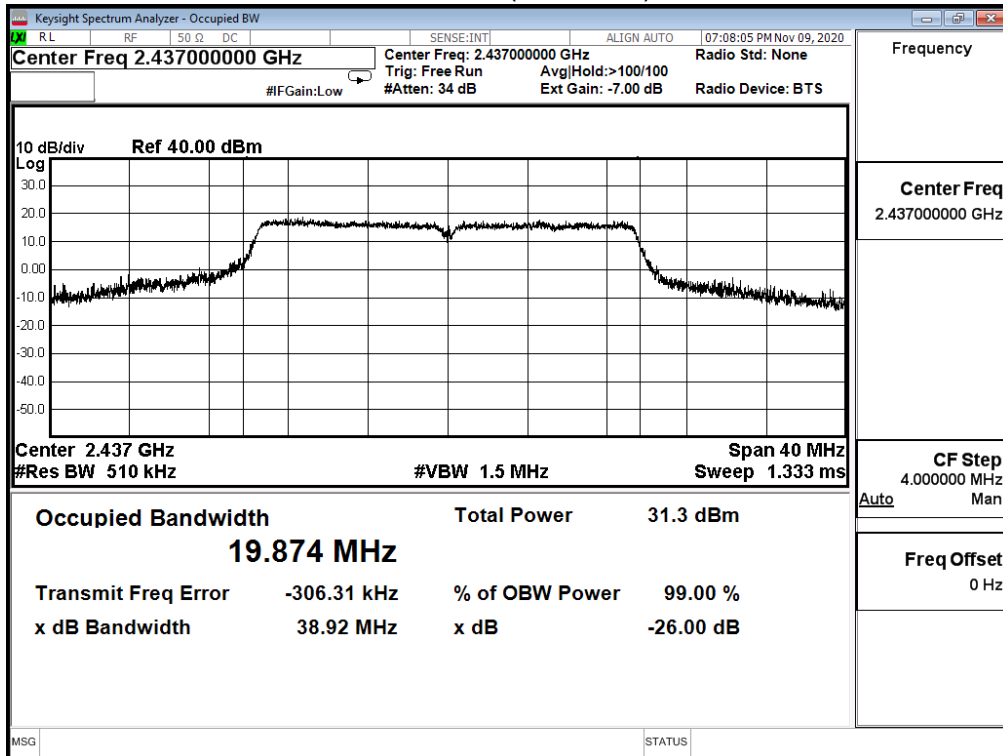
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

IEEE 802.11ax(20M)(ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	19.274	---
6	2437	19.874	---
11	2462	19.144	---

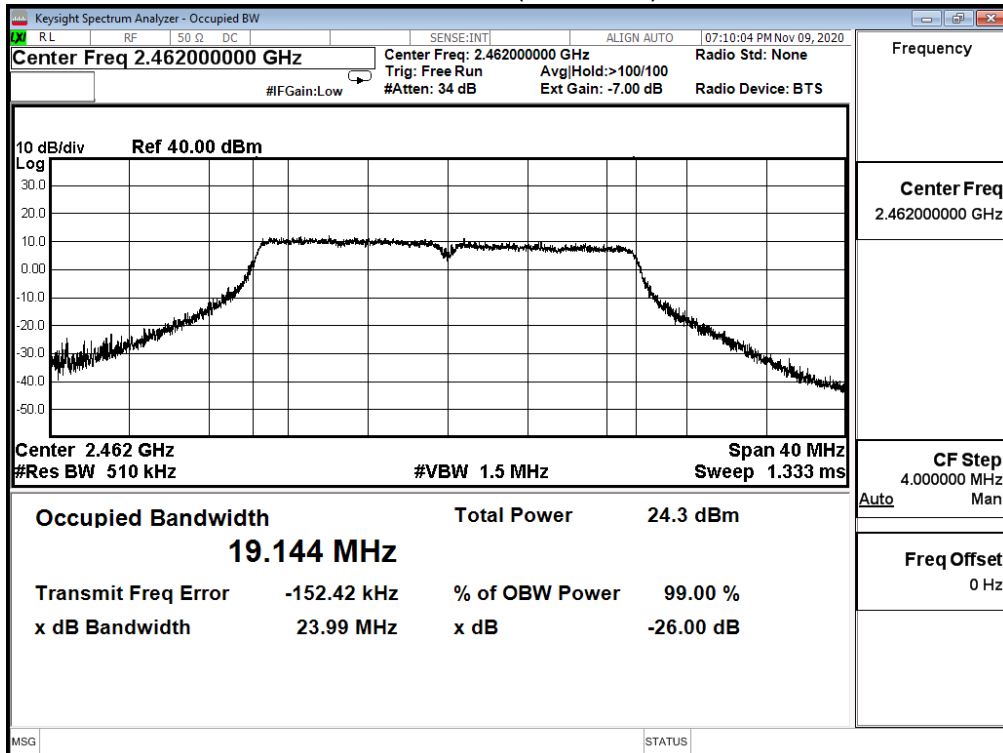
Channel 1 (2412MHz)



Channel 6 (2437MHz)



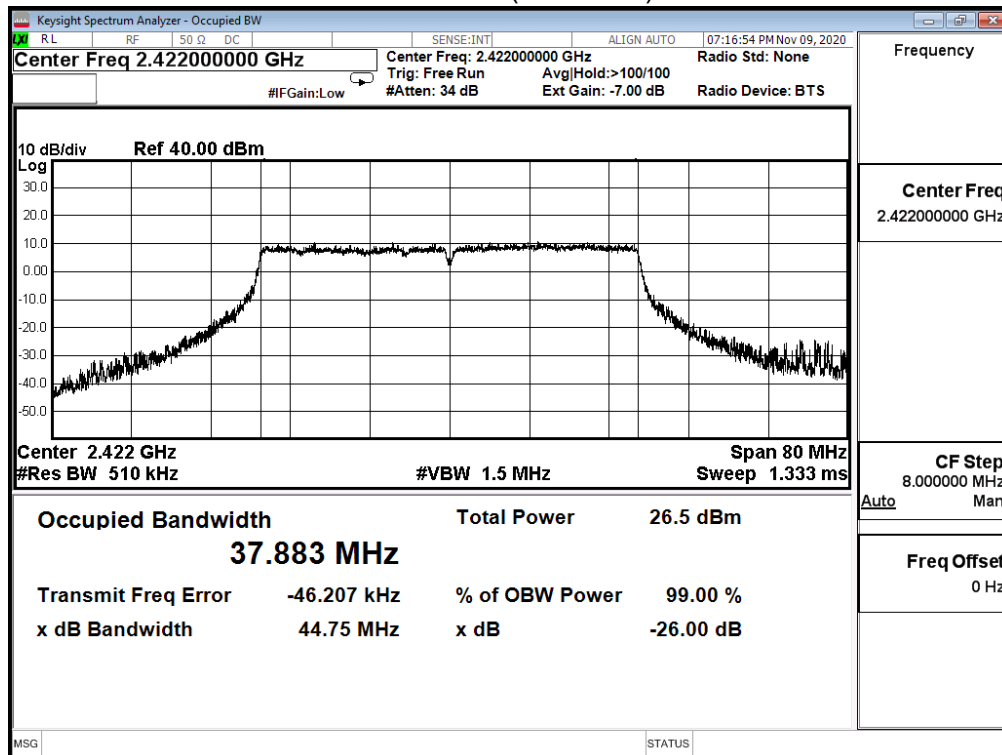
Channel 11 (2462MHz)



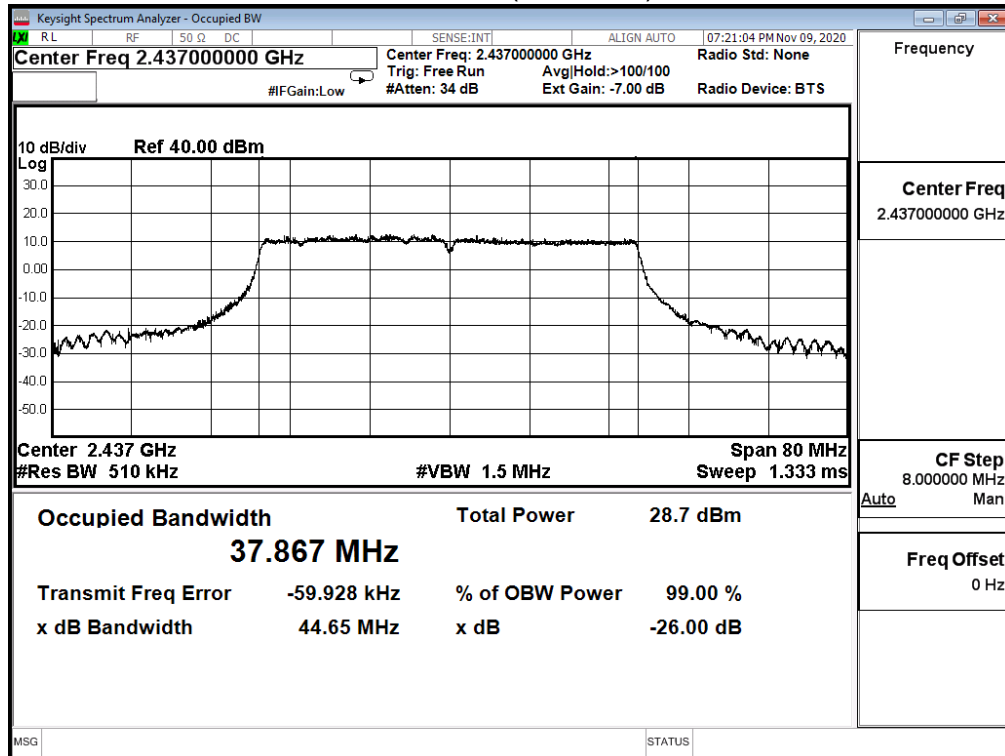
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

IEEE 802.11ax(40M)(ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
3	2422	37.883	---
6	2437	37.867	---
9	2452	37.850	---

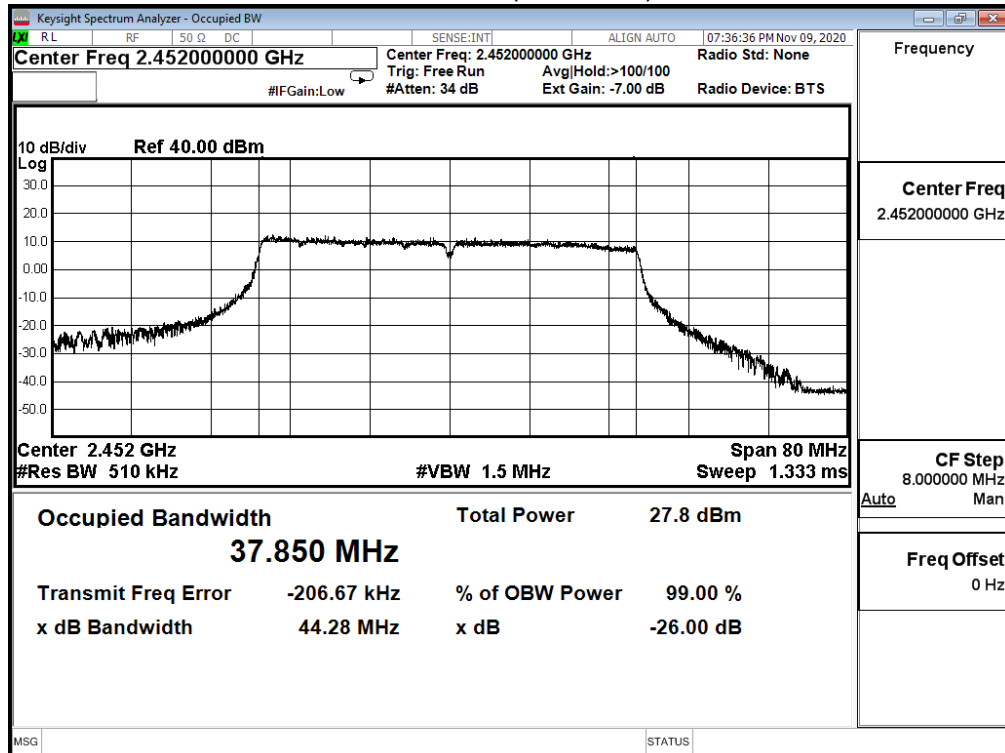
Channel 3 (2422MHz)



Channel 6 (2437MHz)



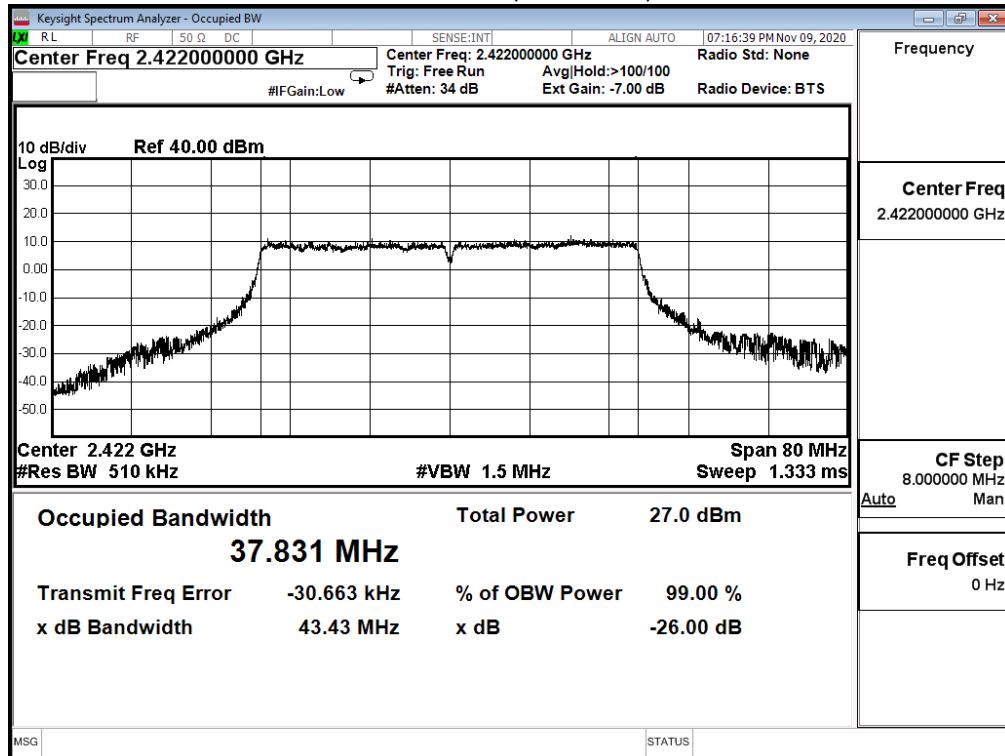
Channel 9 (2452MHz)



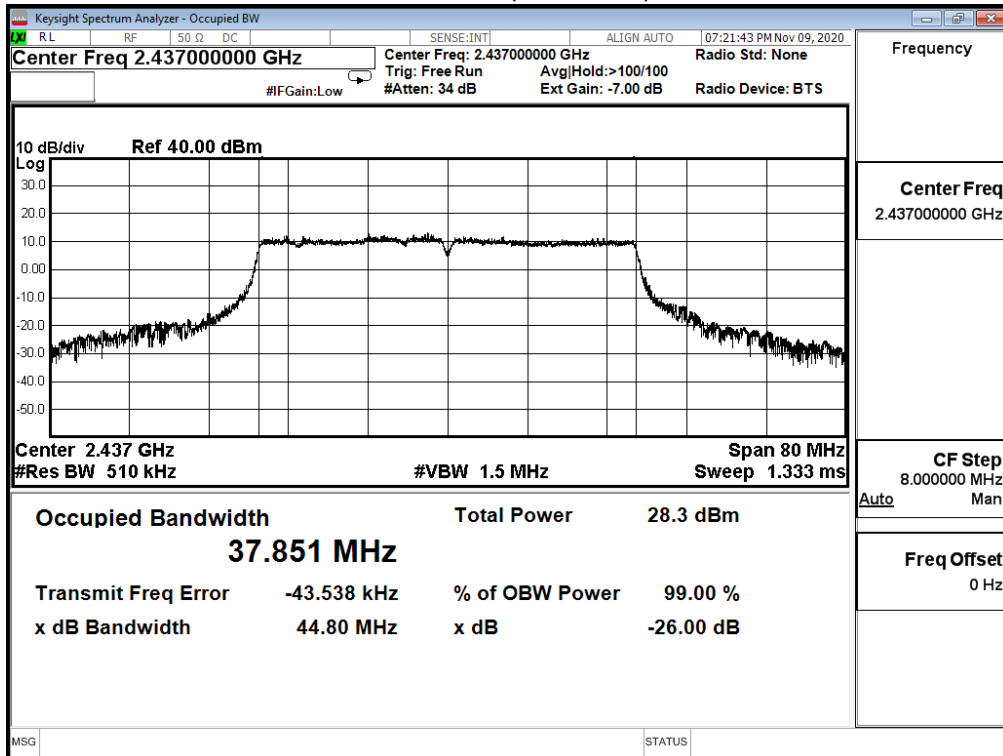
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

IEEE 802.11ax(40M)(ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
3	2422	37.831	---
6	2437	37.851	---
9	2452	37.820	---

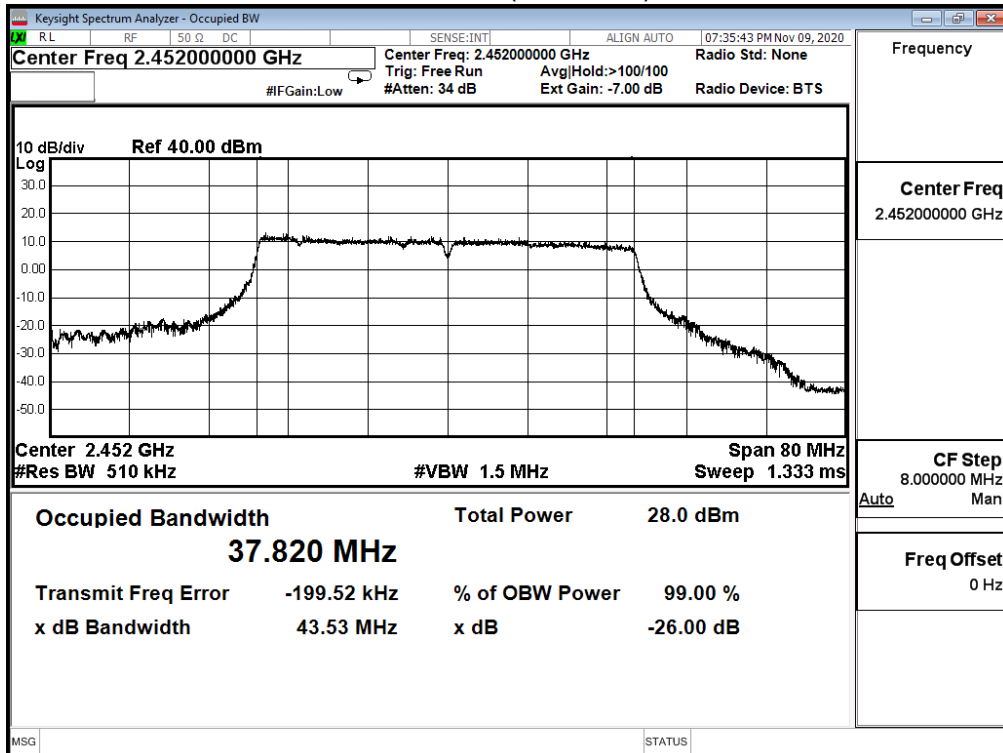
Channel 3 (2422MHz)



Channel 6 (2437MHz)



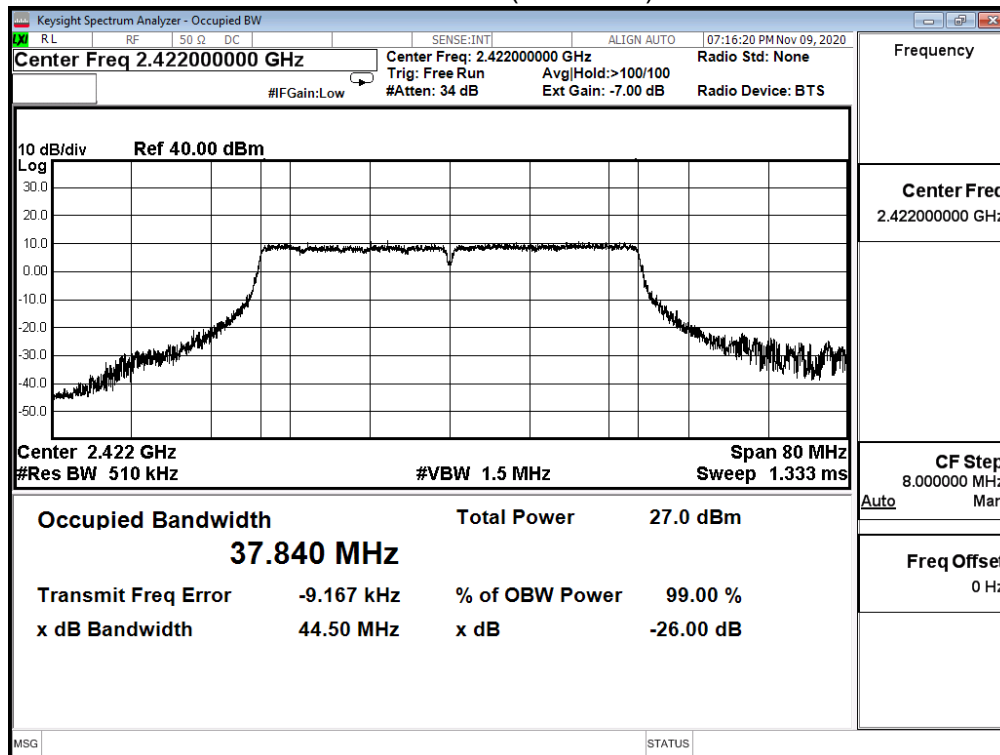
Channel 9 (2452MHz)



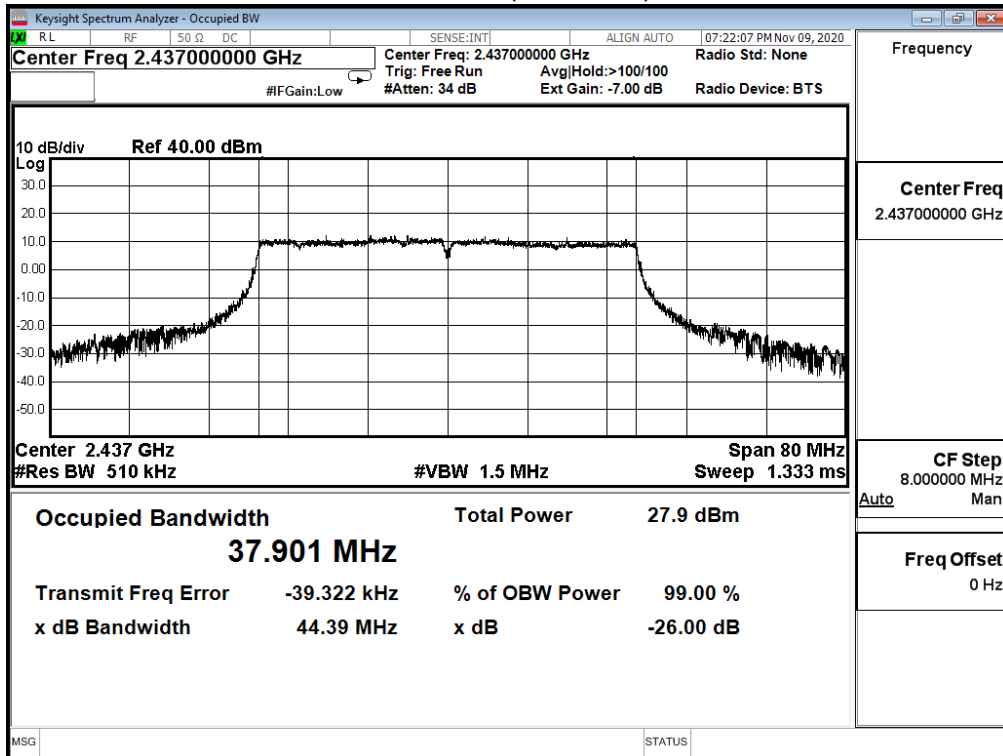
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

IEEE 802.11ax(40M)(ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
3	2422	37.840	---
6	2437	37.901	---
9	2452	37.856	---

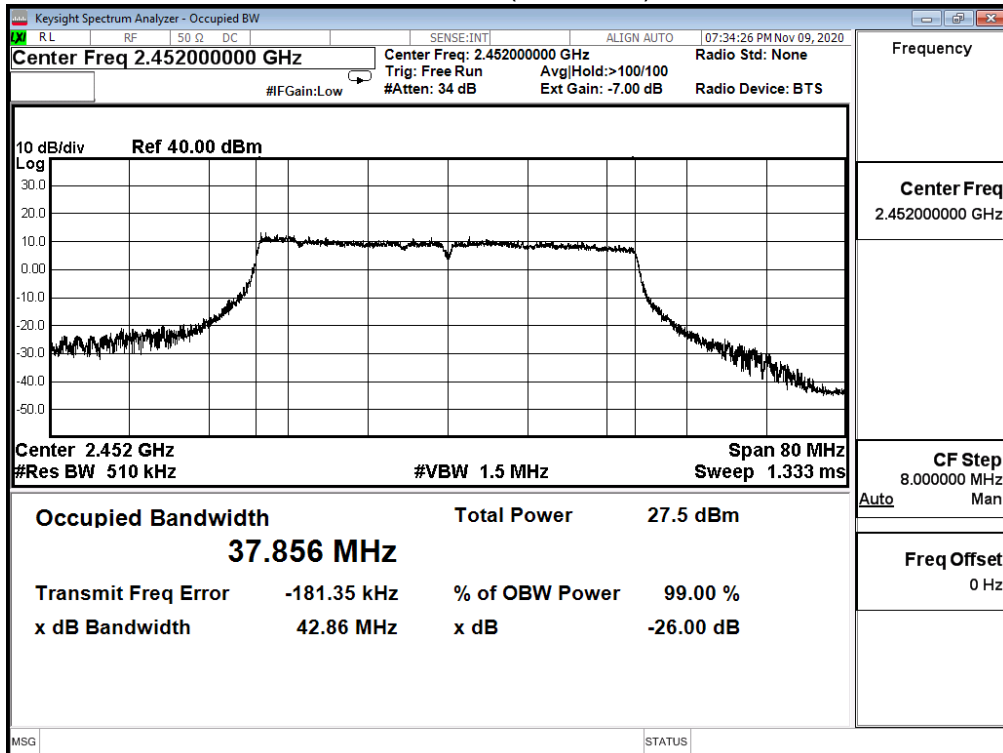
Channel 3 (2422MHz)



Channel 6 (2437MHz)



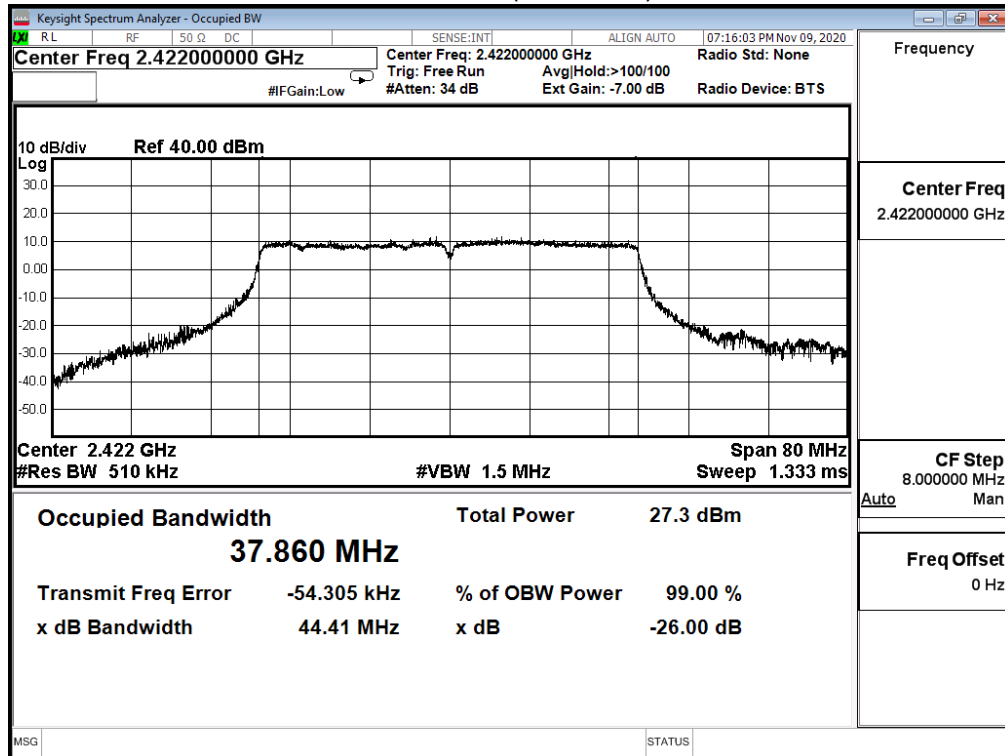
Channel 9 (2452MHz)



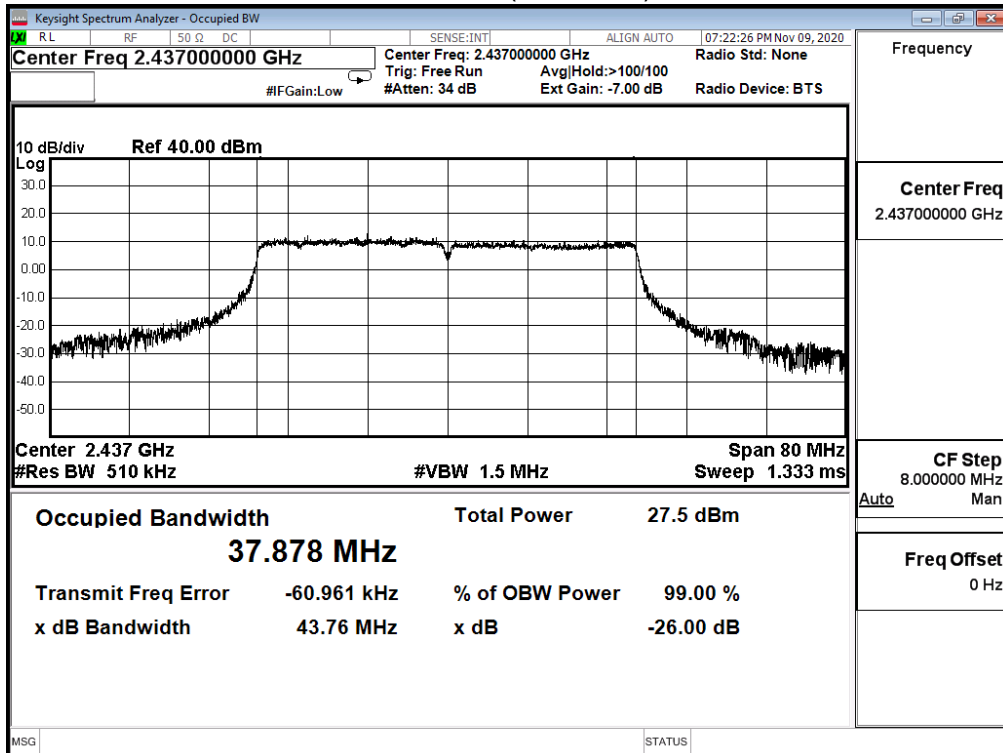
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

IEEE 802.11ax(40M)(ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
3	2422	37.860	---
6	2437	37.878	---
9	2452	37.838	---

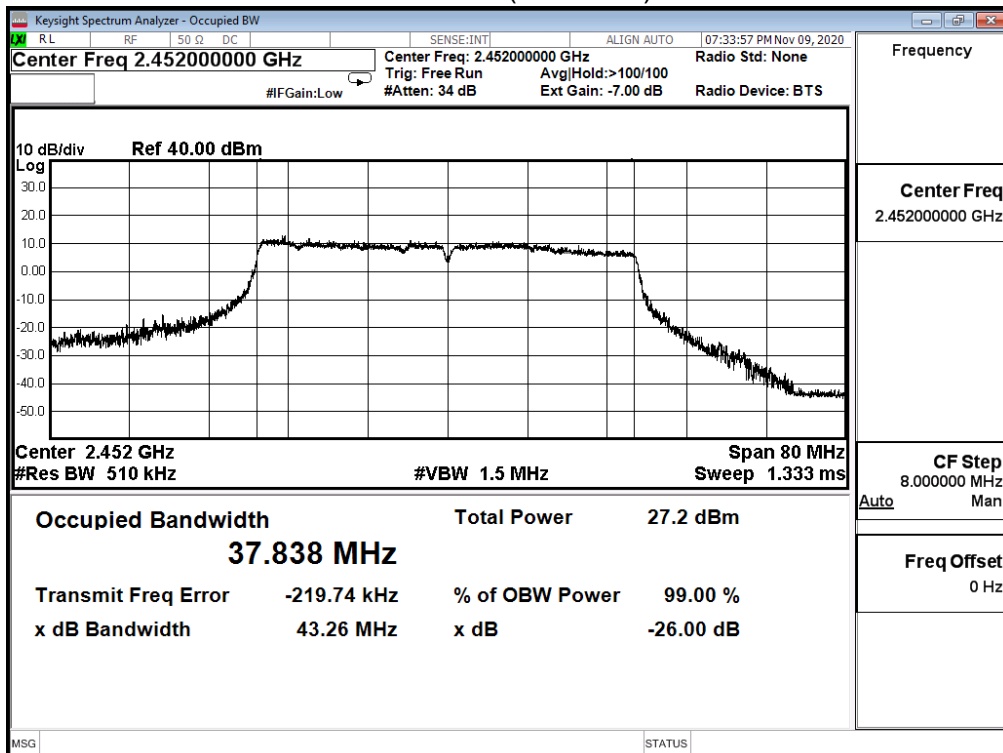
Channel 3 (2422MHz)



Channel 6 (2437MHz)

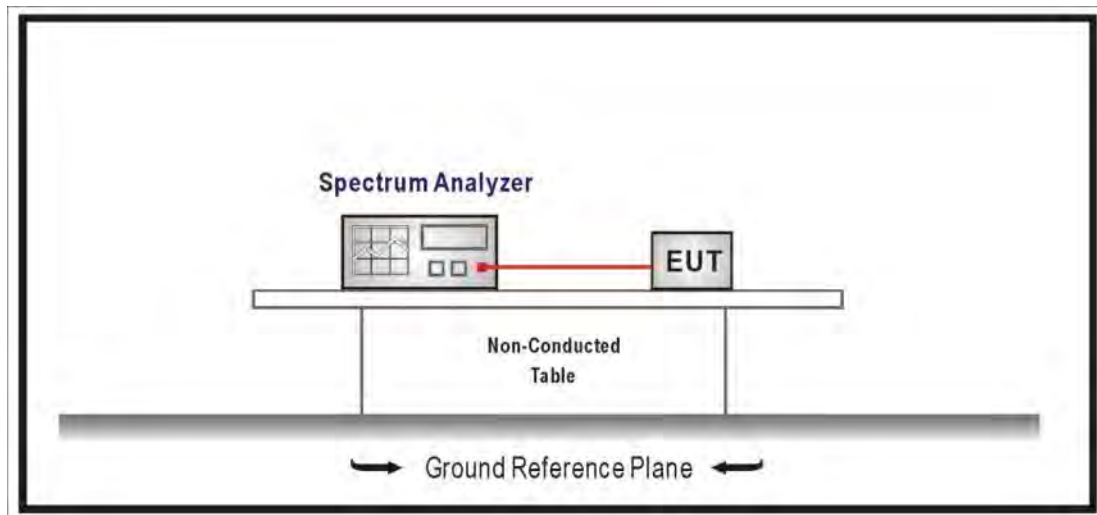


Channel 9 (2452MHz)



9. Power Density

9.1. Test Setup



9.2. Limits

The peak power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8dBm in any 3kHz band during any time interval of continuous transmission.

9.3. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure section 10.2 of KDB 558074 D01 v05r02 for compliance to FCC 47CFR 15.247 requirements.

Set 3KHz \leq RBW \leq 100 kHz, Set VBW \geq 3xRBW, Sweep time=Auto, Set Peak detector.

9.4. Test Specification

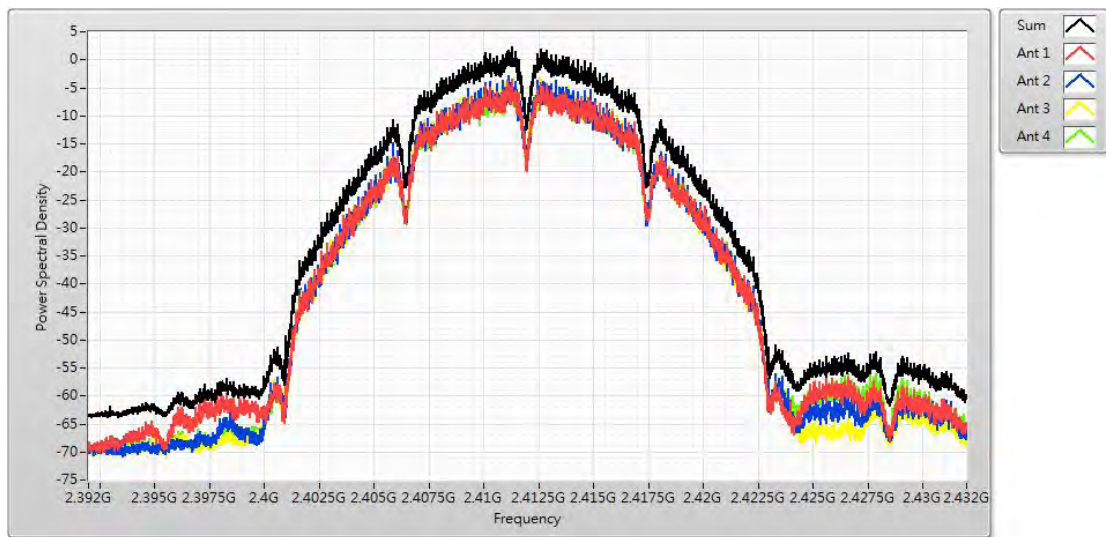
According to FCC Part 15 Subpart C Paragraph 15.247: 2019

9.5. Test Result

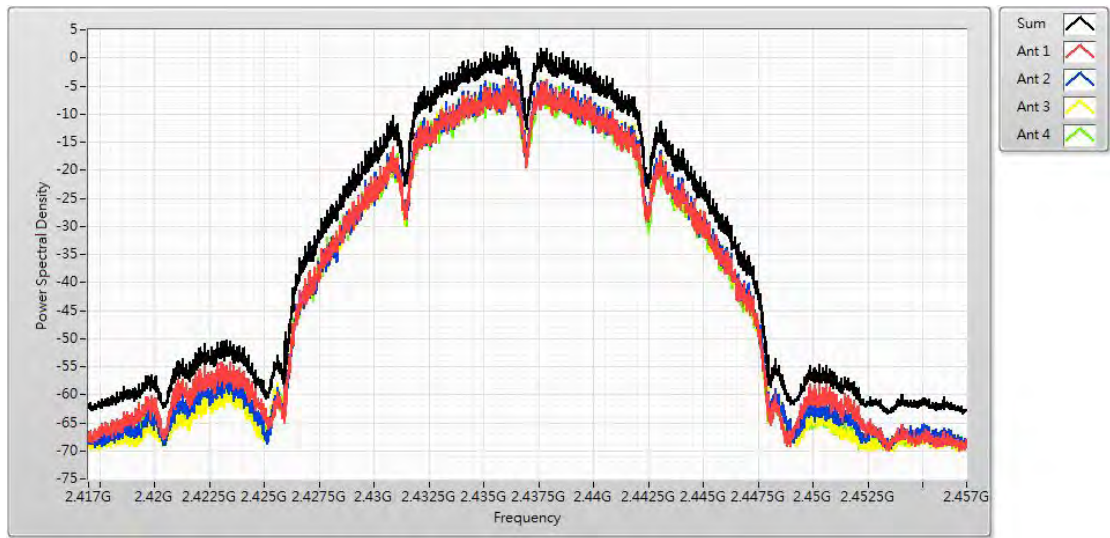
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

IEEE 802.11b (ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm/3kHz)	Limit (dBm/3kHz)	Result
1	2412	2.250	≤8	Pass
6	2437	2.070	≤8	Pass
11	2462	2.430	≤8	Pass

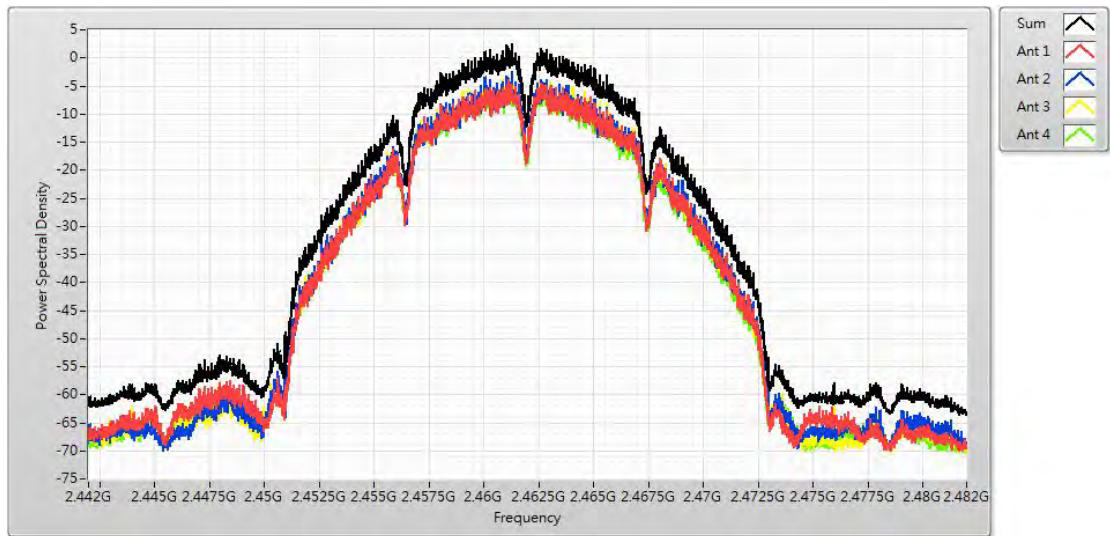
Channel 1 (2412MHz)



Channel 6 (2437MHz)



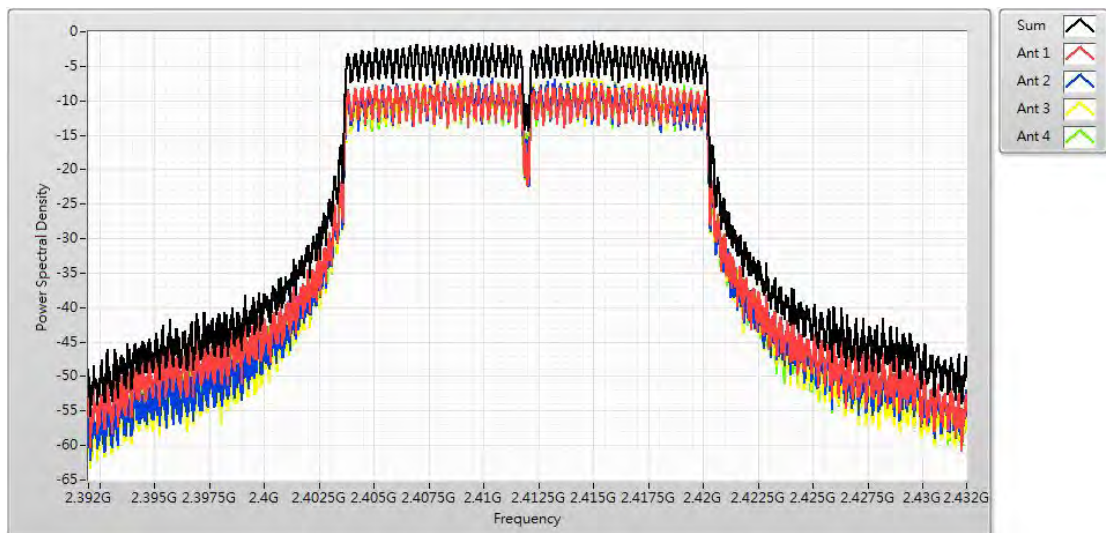
Channel 11 (2462MHz)



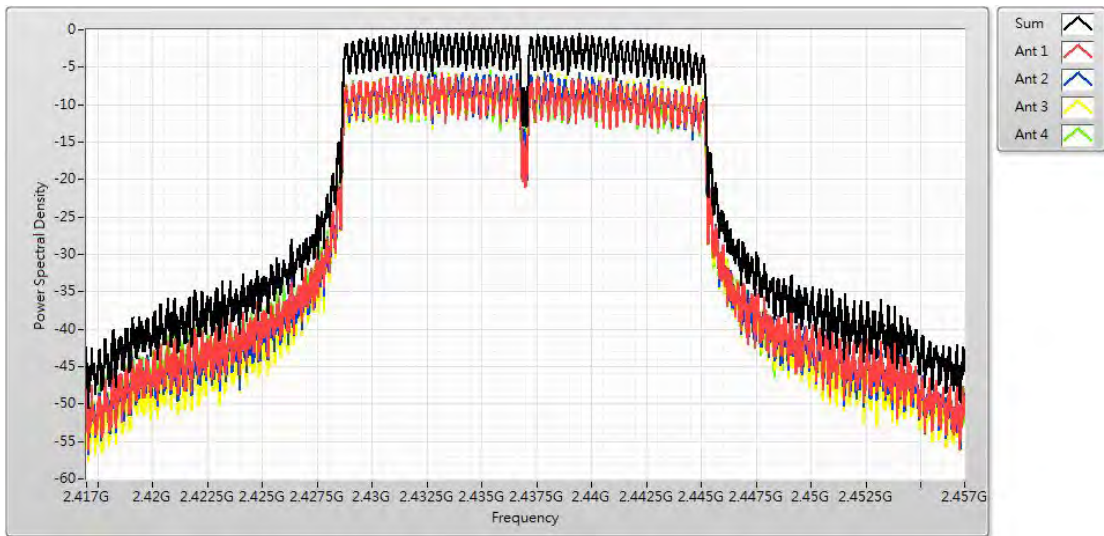
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

IEEE 802.11g (ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm/3kHz)	Limit (dBm/3kHz)	Result
1	2412	-1.400	≤8	Pass
6	2437	-0.220	≤8	Pass
11	2462	-0.480	≤8	Pass

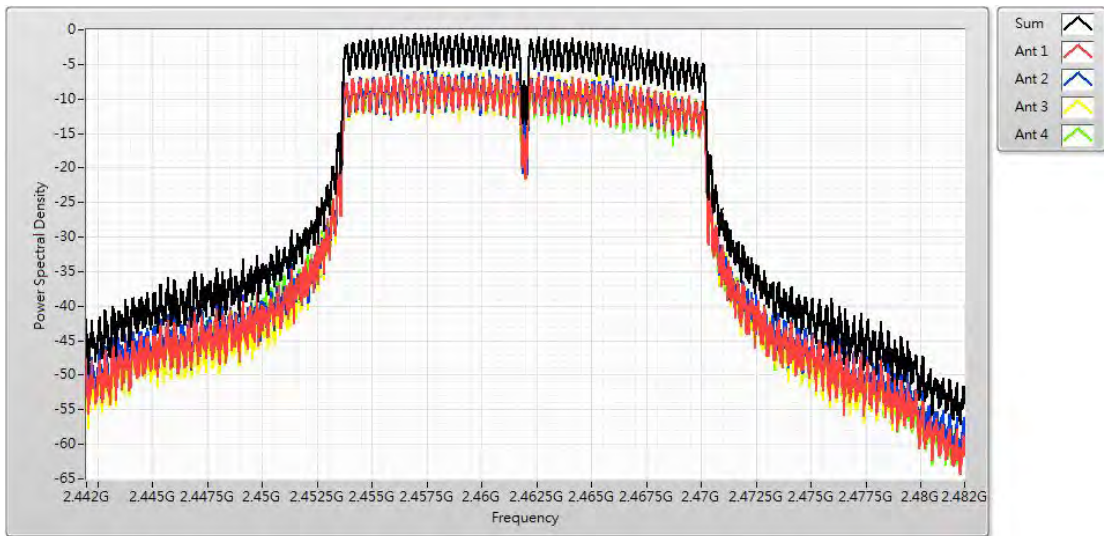
Channel 1 (2412MHz)



Channel 6 (2437MHz)



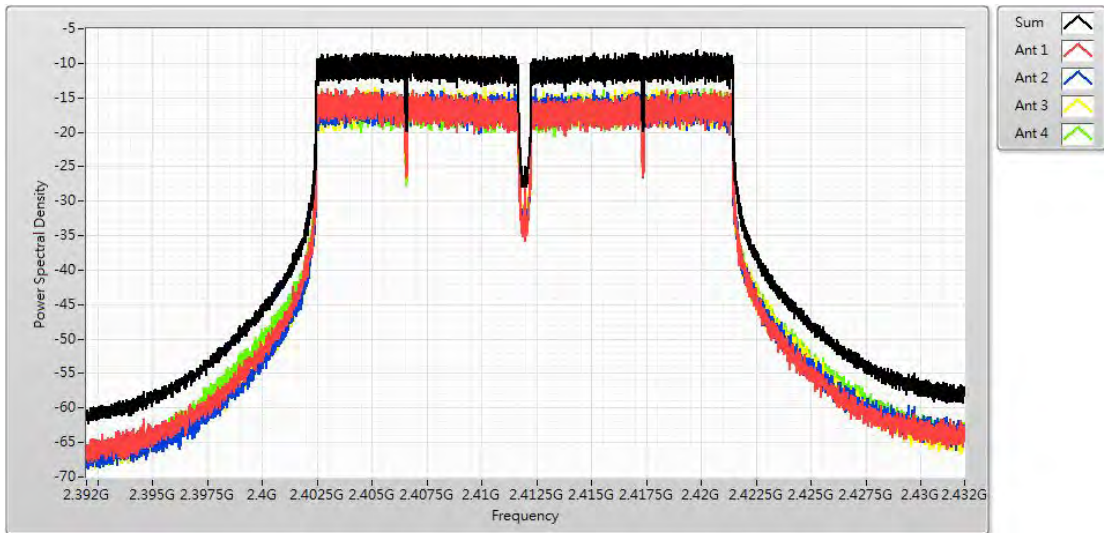
Channel 11 (2462MHz)



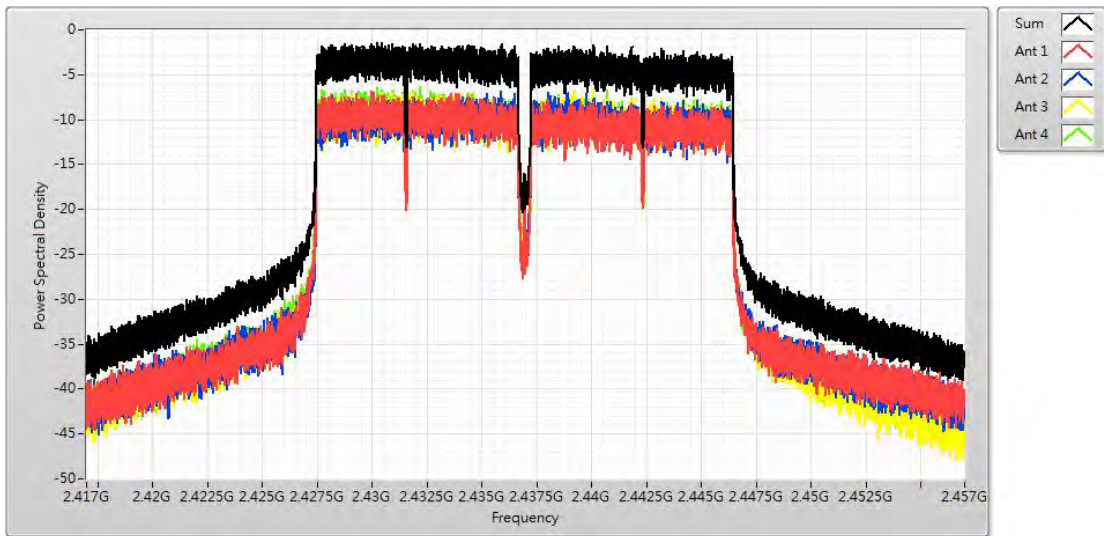
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

IEEE 802.11ax(20M)(ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm/10kHz)	Limit (dBm/3kHz)	Result
1	2412	-8.080	≤8	Pass
6	2437	-1.430	≤8	Pass
11	2462	-5.970	≤8	Pass

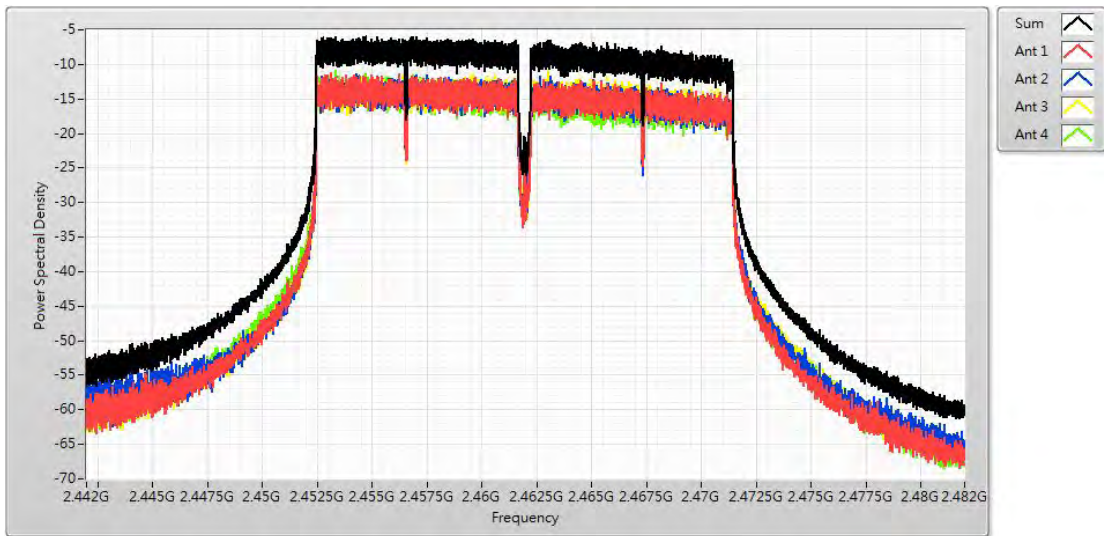
Channel 1 (2412MHz)



Channel 6 (2437MHz)



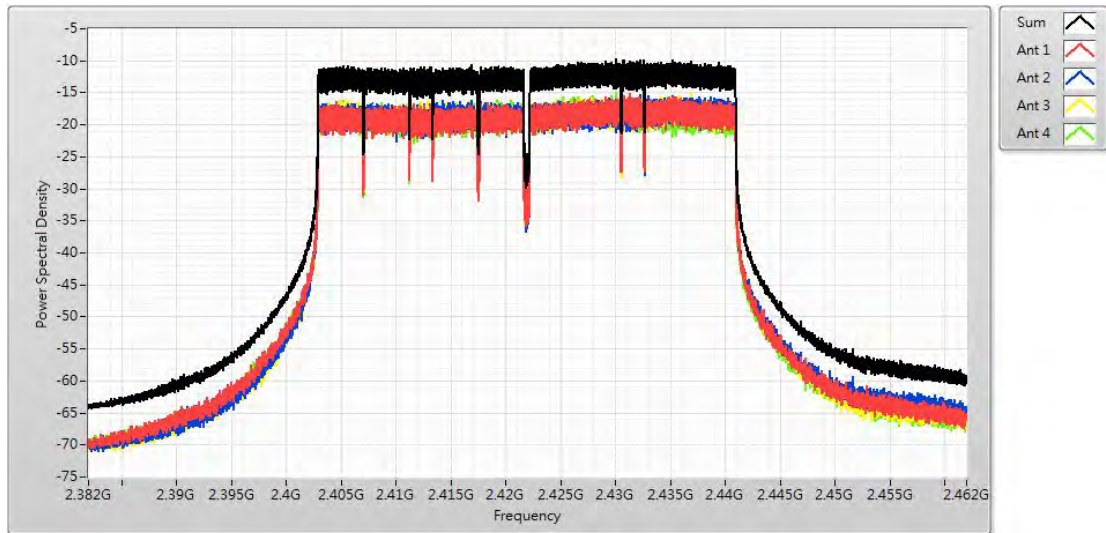
Channel 11 (2462MHz)



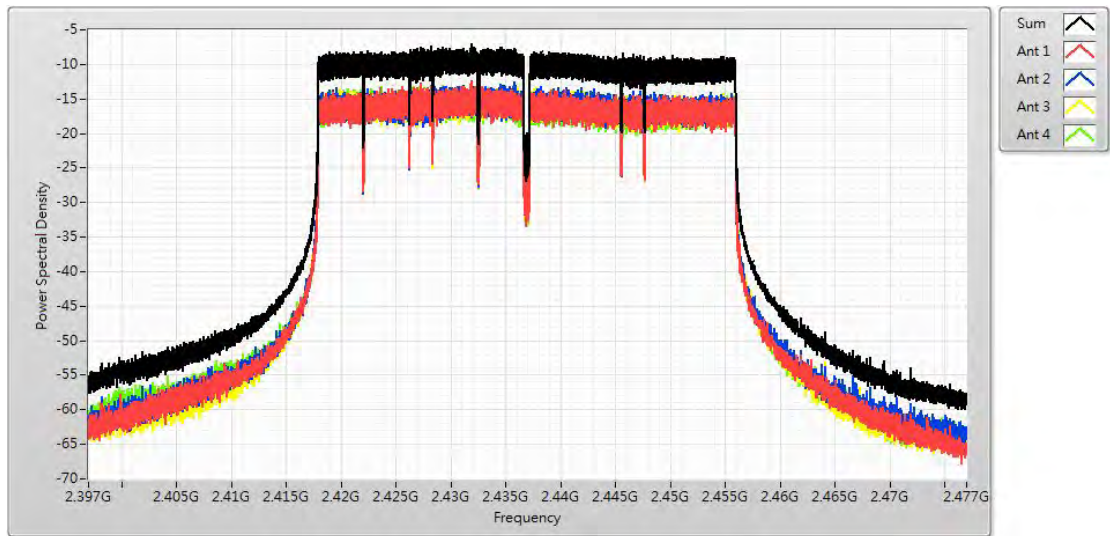
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

IEEE 802.11ax(40M)(ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm/10kHz)	Limit (dBm/3kHz)	Result
3	2422	-9.740	≤8	Pass
6	2437	-7.090	≤8	Pass
9	2452	-7.810	≤8	Pass

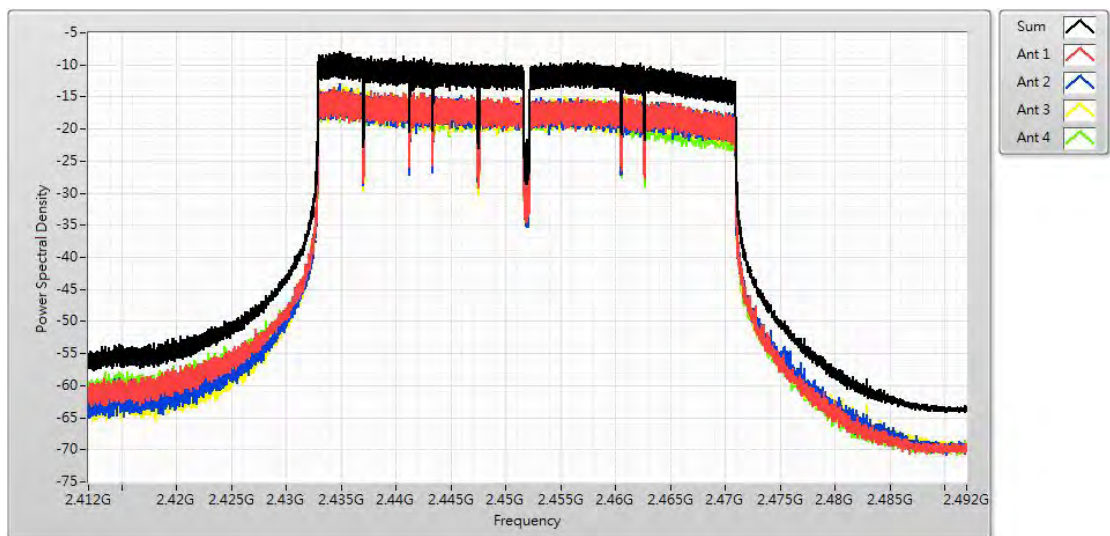
Channel 3 (2422MHz)



Channel 6 (2437MHz)



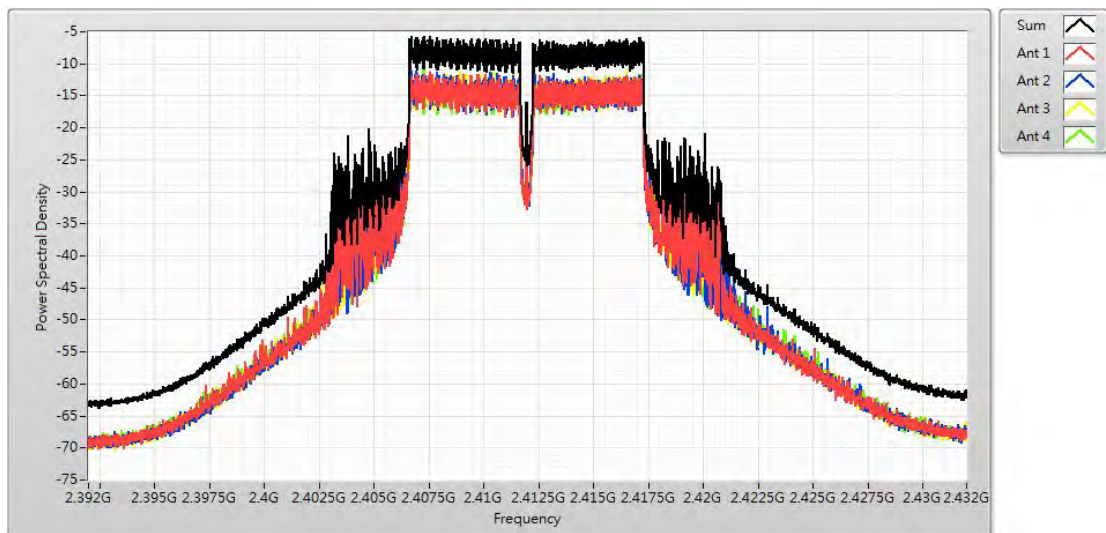
Channel 9 (2452MHz)



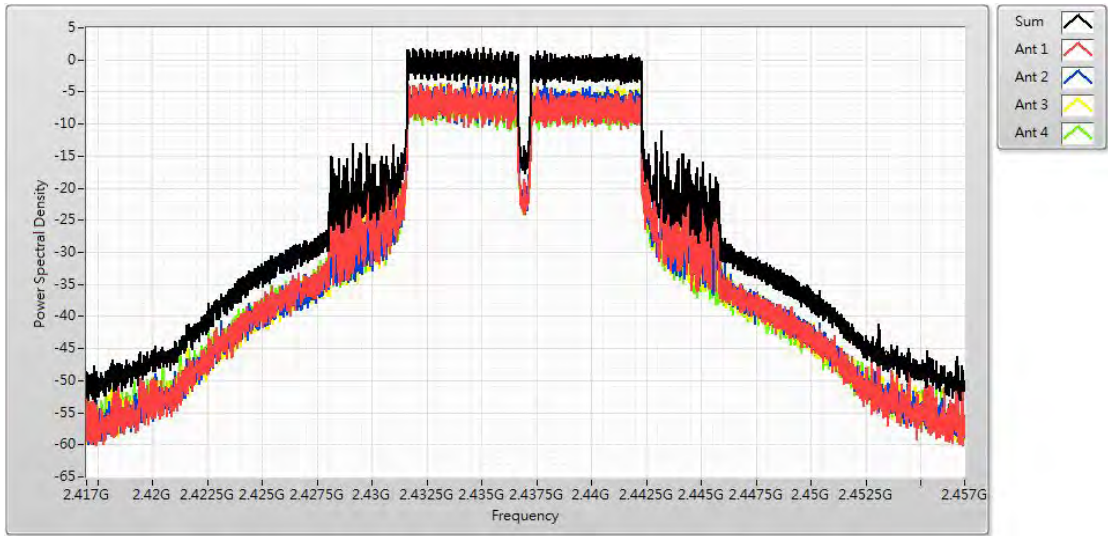
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit RU Mode_Center		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

IEEE 802.11ax(20M)(ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm/10kHz)	Limit (dBm/3kHz)	Result
1	2412	-5.660	≤8	Pass
6	2437	1.950	≤8	Pass
11	2462	-4.350	≤8	Pass

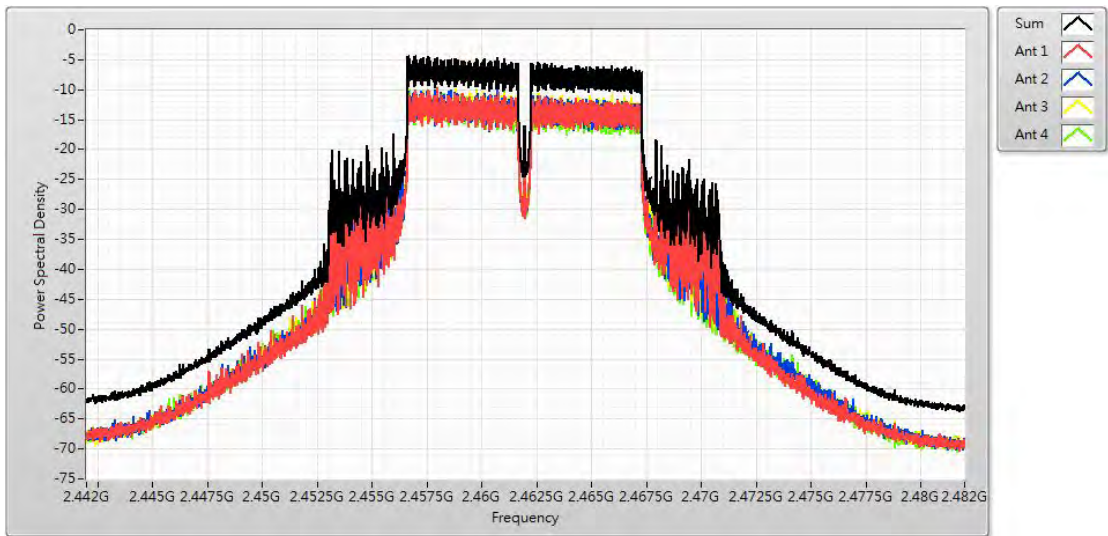
Channel 1 (2412MHz)



Channel 6 (2437MHz)



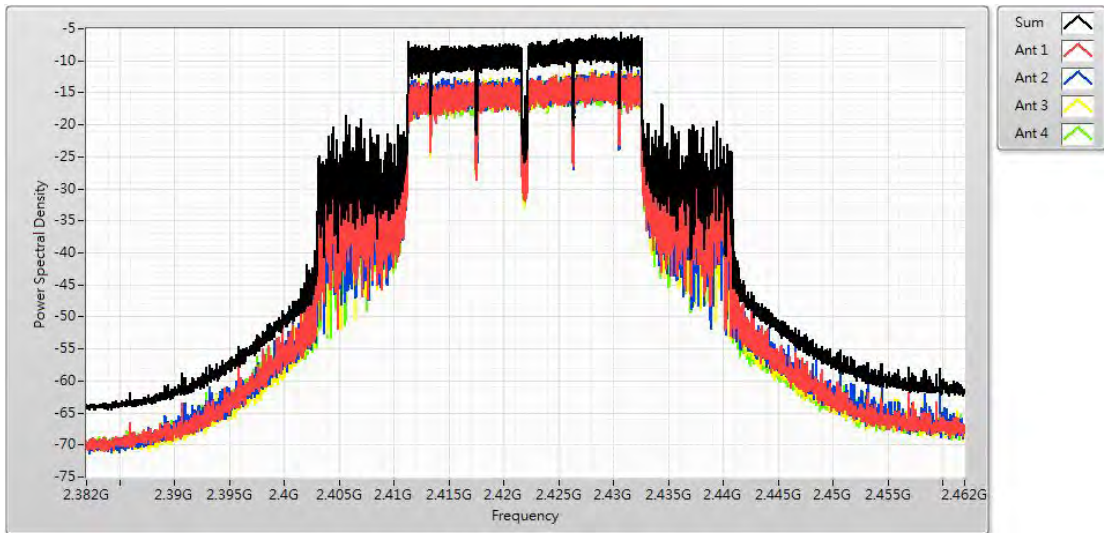
Channel 11 (2462MHz)



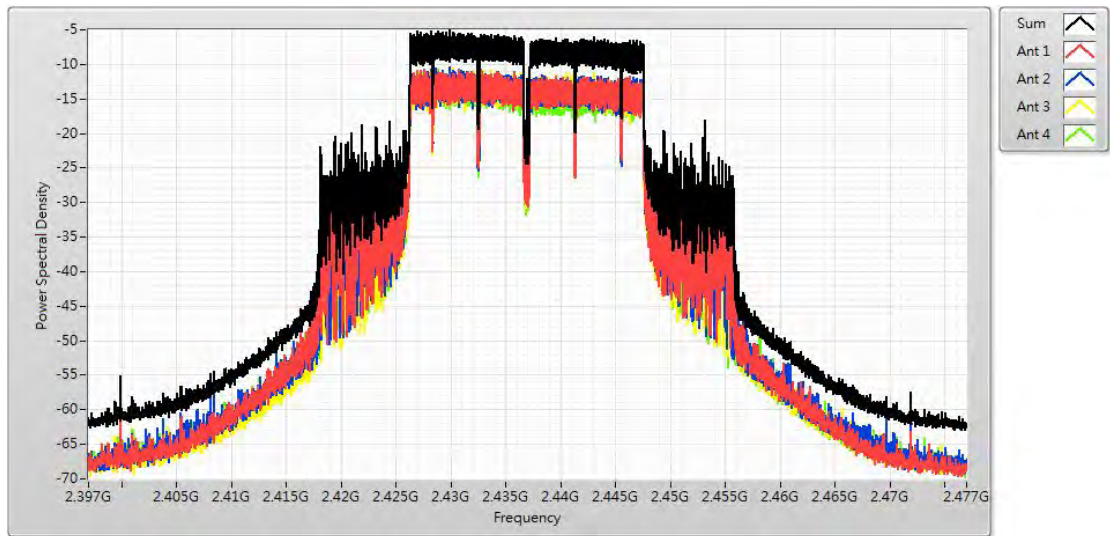
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit RU Mode_Center		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

IEEE 802.11ax(40M)(ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm/10kHz)	Limit (dBm/3kHz)	Result
3	2422	-5.570	≤8	Pass
6	2437	-5.060	≤8	Pass
9	2452	-4.880	≤8	Pass

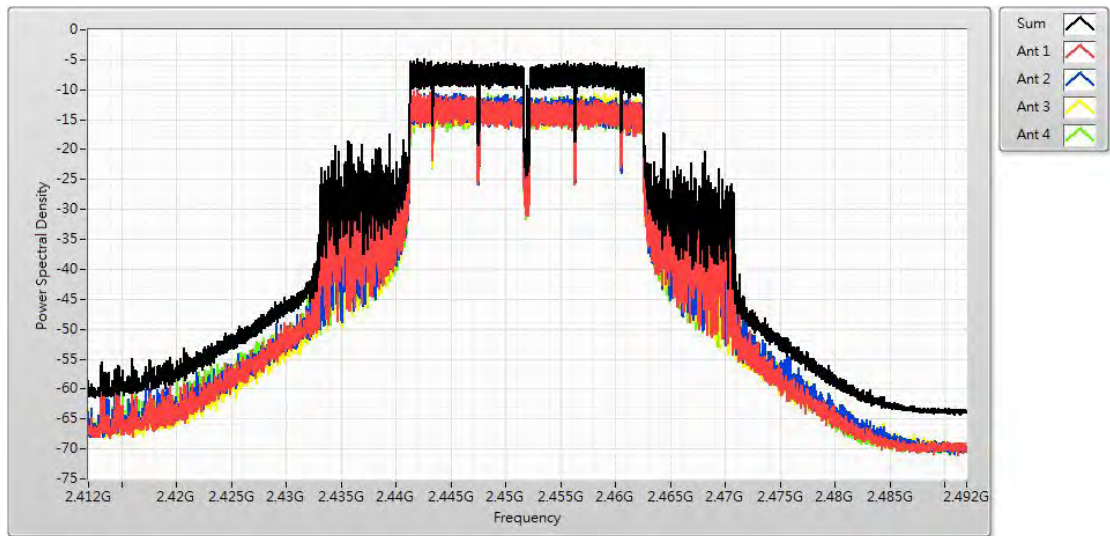
Channel 3 (2422MHz)



Channel 6 (2437MHz)



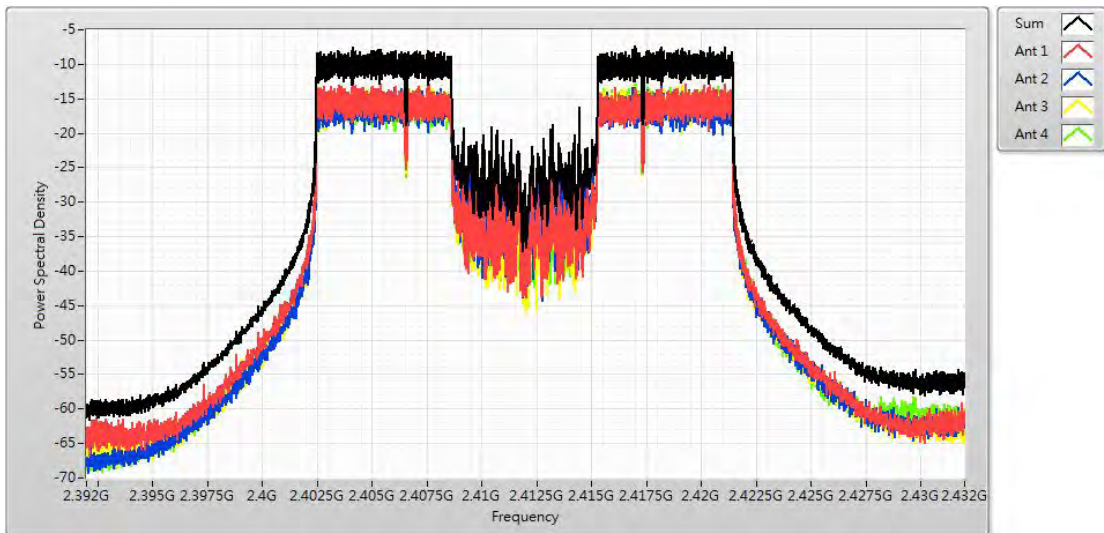
Channel 9 (2452MHz)



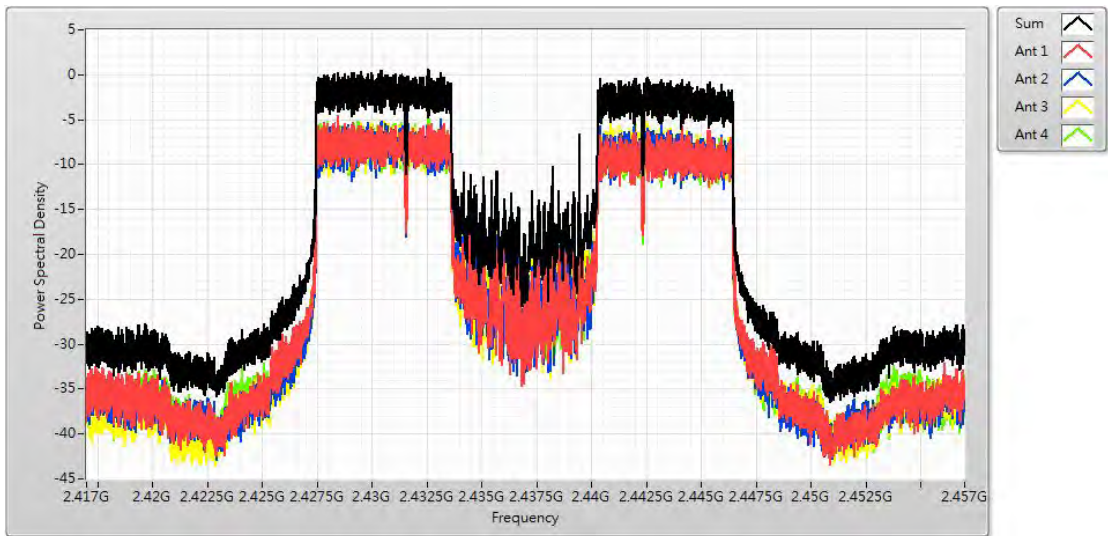
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit RU Mode_Edge		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

IEEE 802.11ax(20M)(ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm/10kHz)	Limit (dBm/3kHz)	Result
1	2412	-7.310	≤8	Pass
6	2437	0.560	≤8	Pass
11	2462	-6.190	≤8	Pass

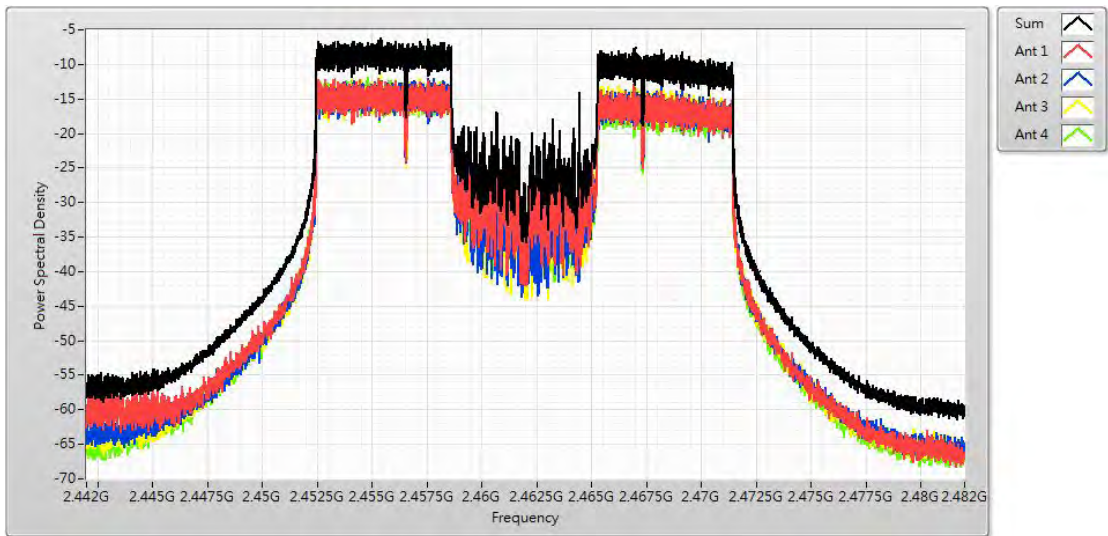
Channel 1 (2412MHz)



Channel 6 (2437MHz)



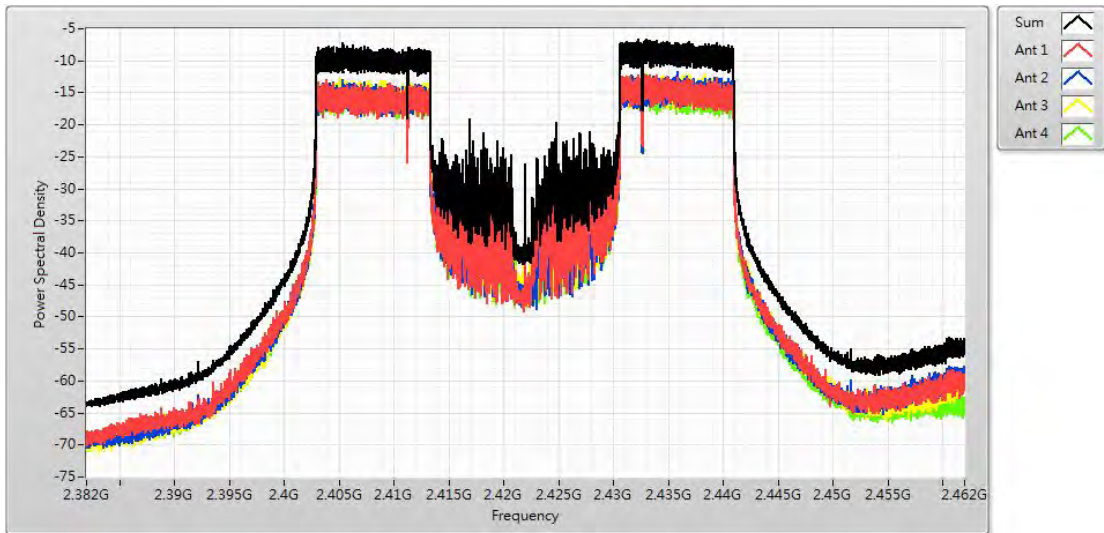
Channel 11 (2462MHz)



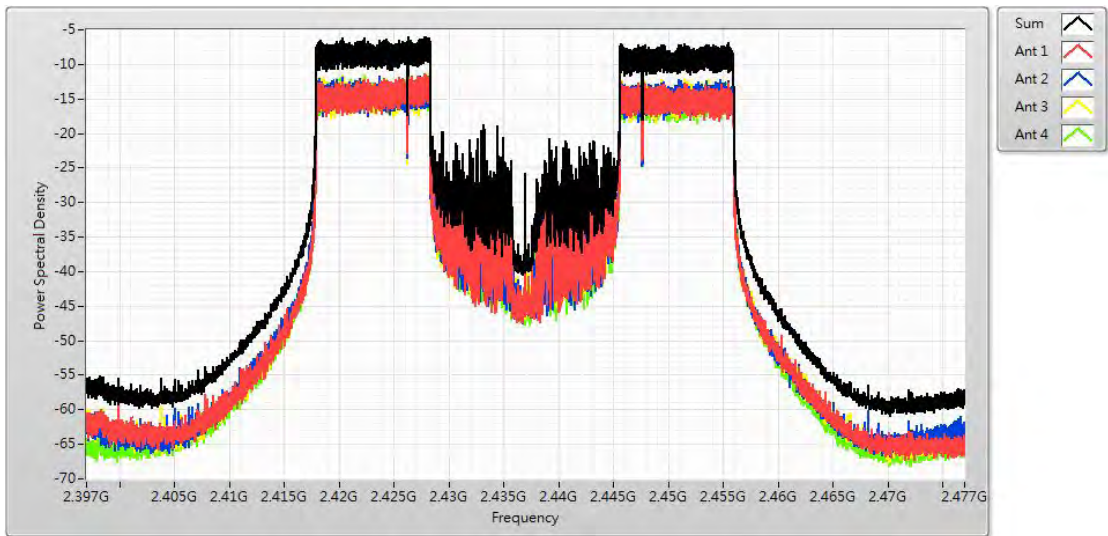
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit RU Mode_Edge		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

IEEE 802.11ax(40M)(ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm/10kHz)	Limit (dBm/3kHz)	Result
3	2422	-6.590	≤8	Pass
6	2437	-5.940	≤8	Pass
9	2452	-4.650	≤8	Pass

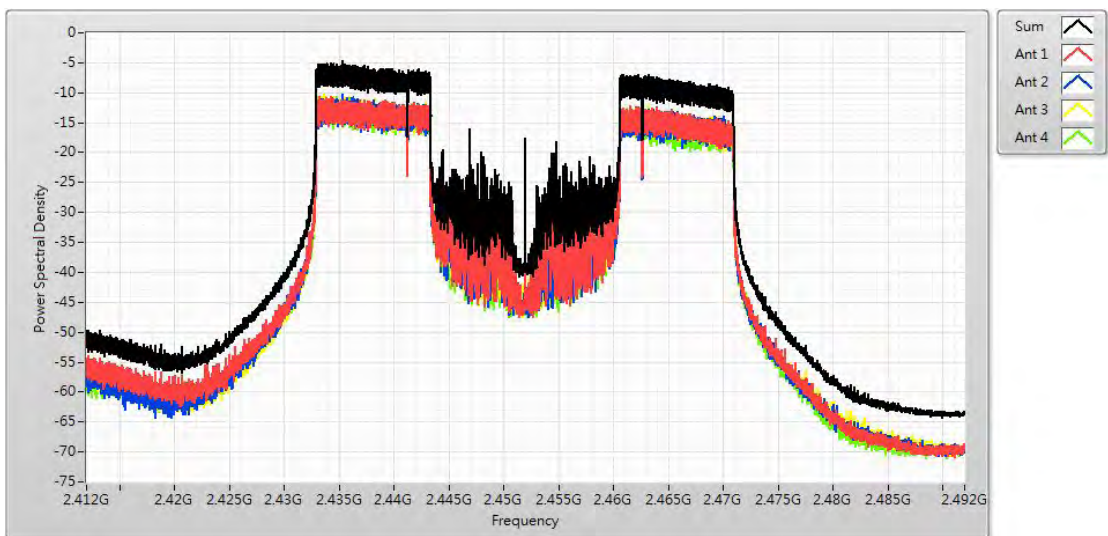
Channel 3 (2422MHz)



Channel 6 (2437MHz)



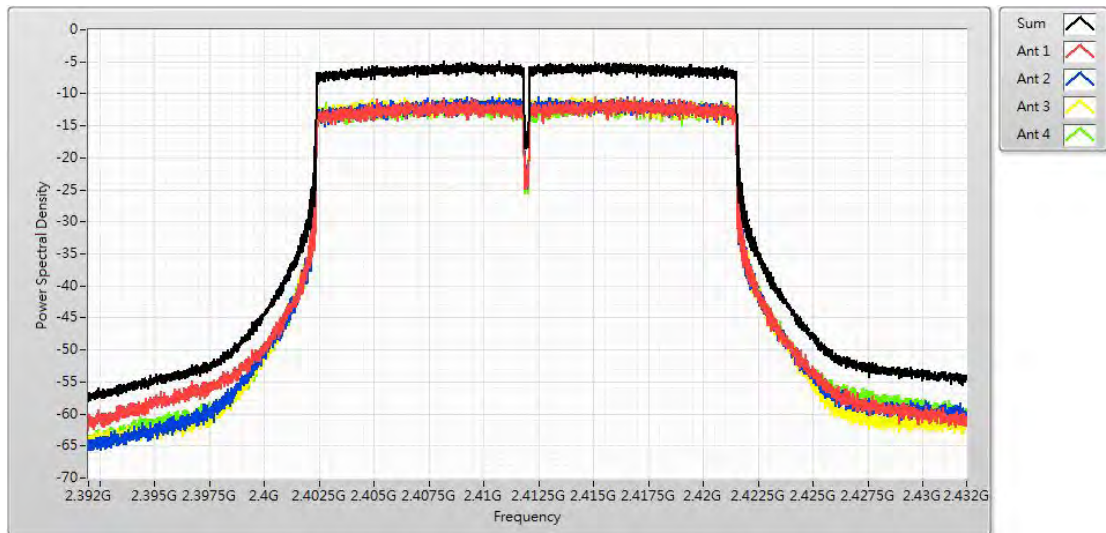
Channel 9 (2452MHz)



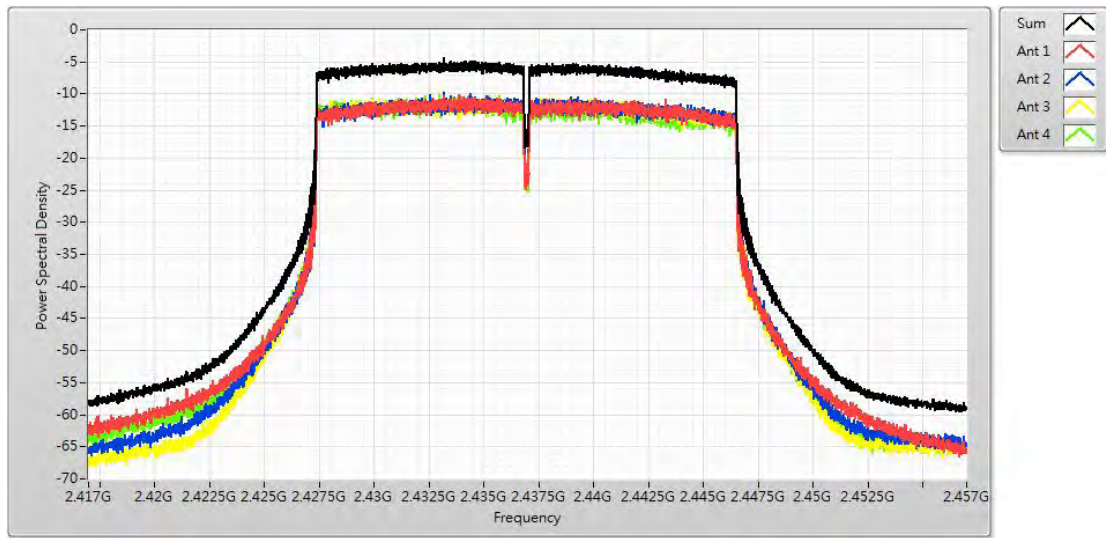
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 3: Transmit Beamforming Mode		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

IEEE 802.11ax(20M)(ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm/10kHz)	Limit (dBm/3kHz)	Result
1	2412	-4.120	≤8	Pass
6	2437	-4.240	≤8	Pass
11	2462	-4.900	≤8	Pass

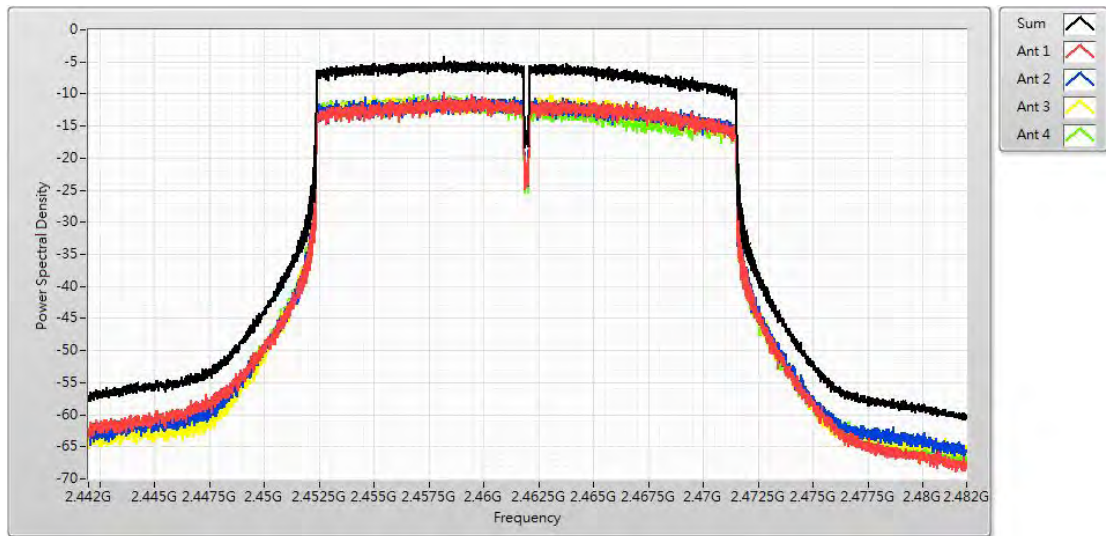
Channel 1 (2412MHz)



Channel 6 (2437MHz)



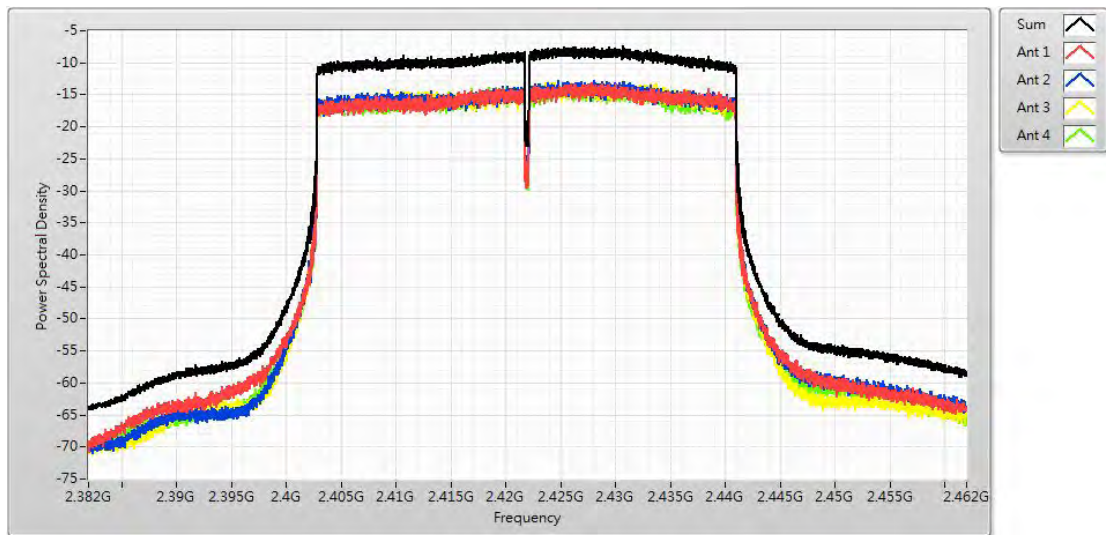
Channel 11 (2462MHz)



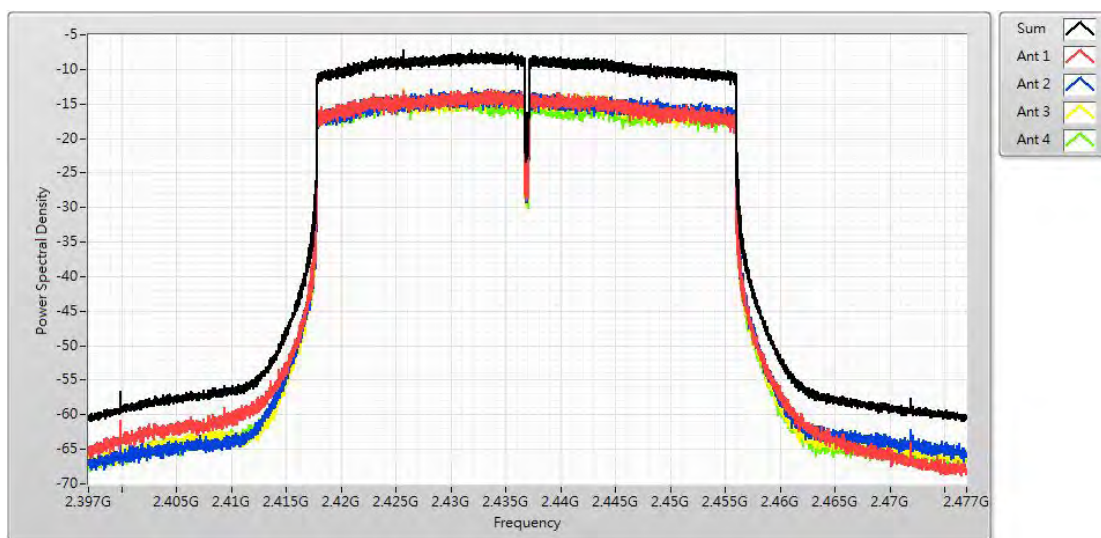
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 3: Transmit Beamforming Mode		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

IEEE 802.11ax(40M)(ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm/10kHz)	Limit (dBm/3kHz)	Result
3	2422	-7.390	≤8	Pass
6	2437	-7.130	≤8	Pass
9	2452	-7.560	≤8	Pass

Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)

