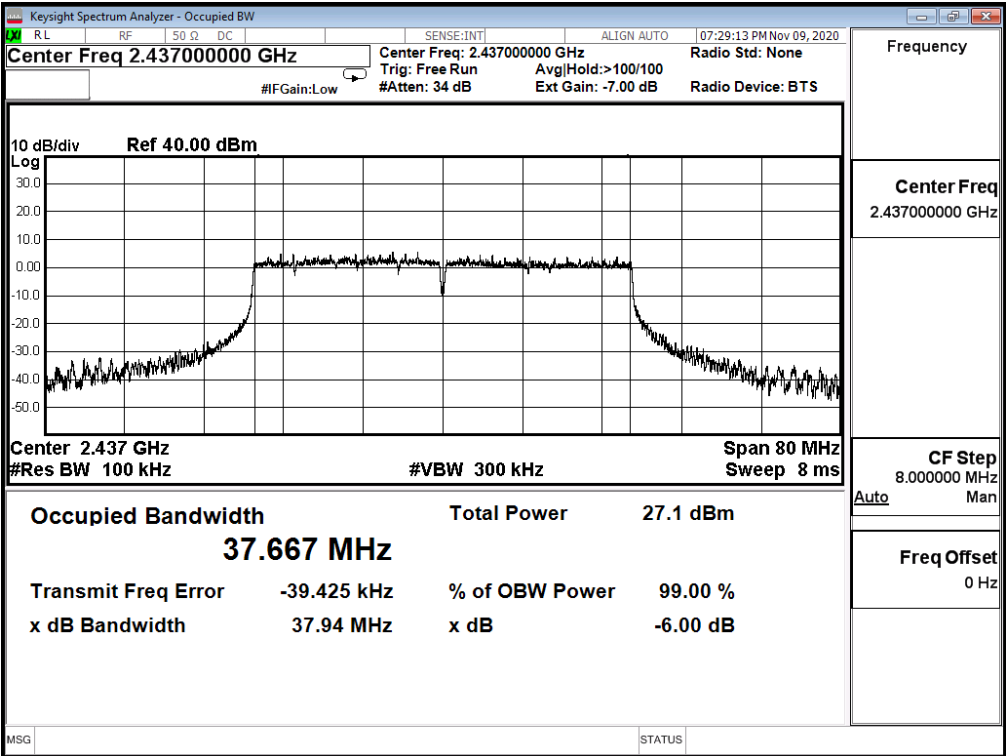
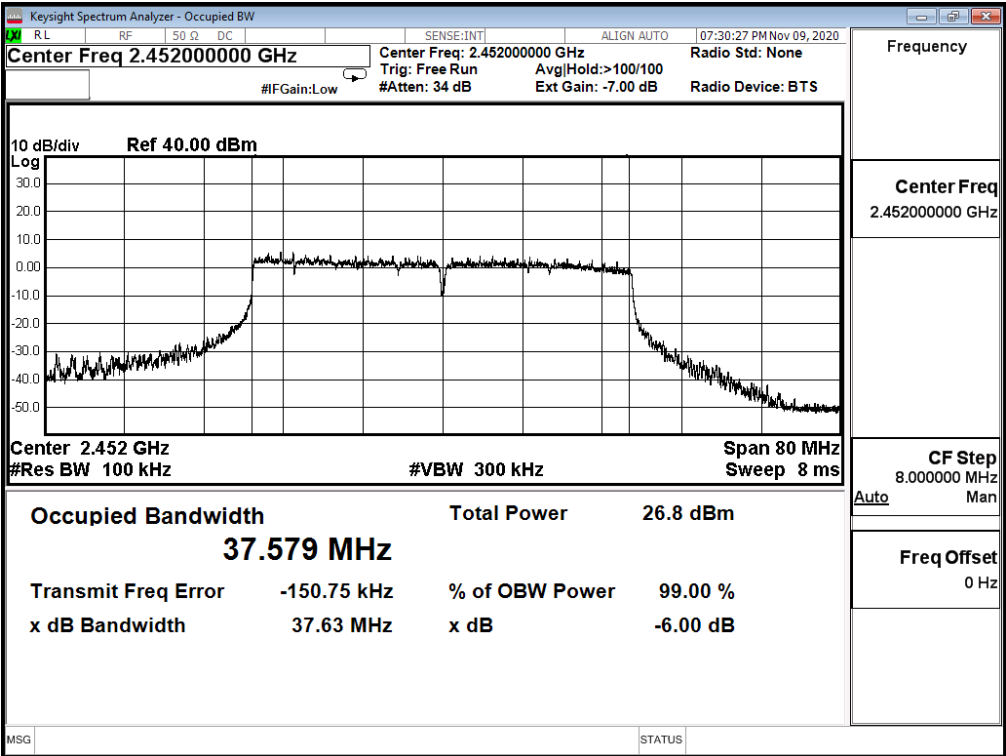


Channel 6 (2437MHz)



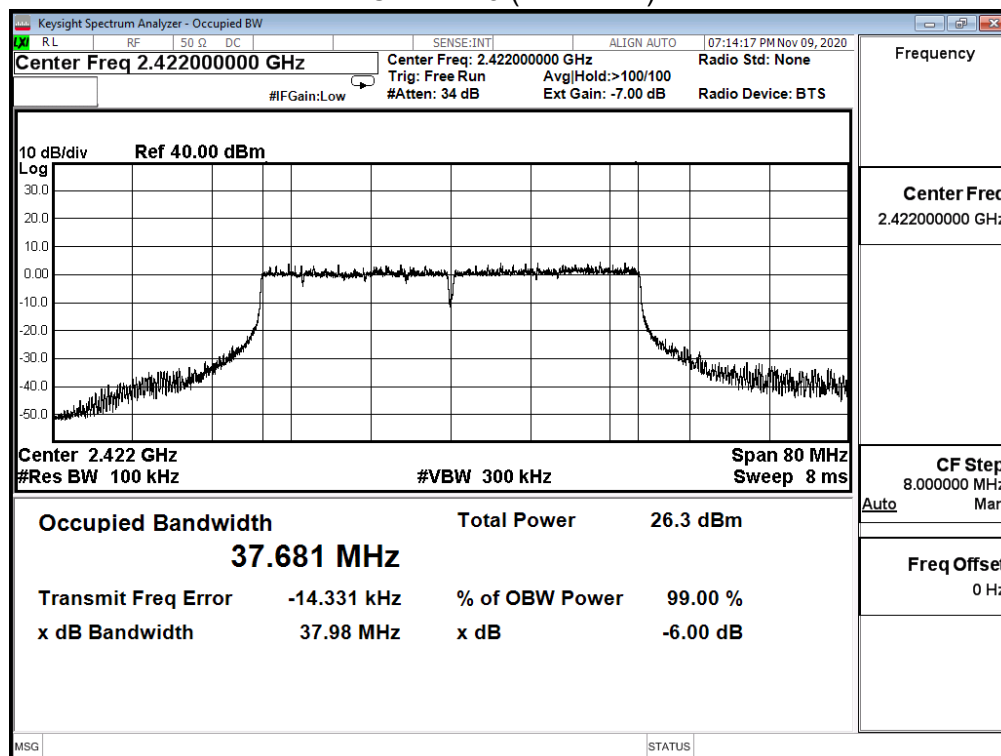
Channel 9 (2452MHz)



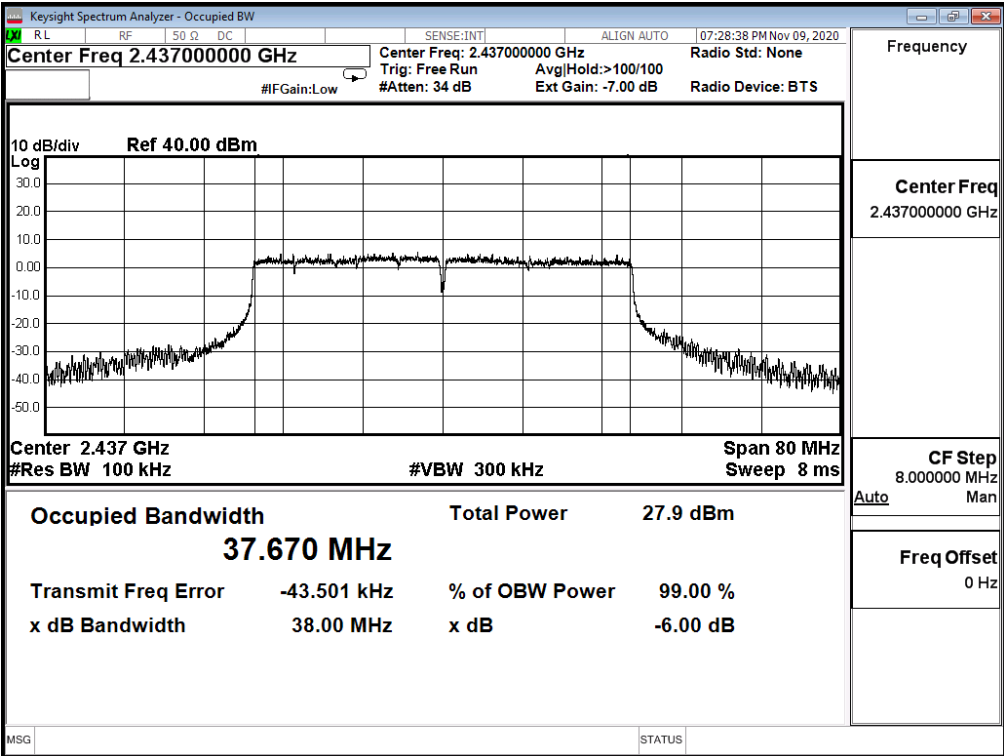
Product	Consumer Home Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

IEEE 802.11ax(40M)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	37.980	≥ 0.5	Pass
6	2437	38.000	≥ 0.5	Pass
9	2452	37.800	≥ 0.5	Pass

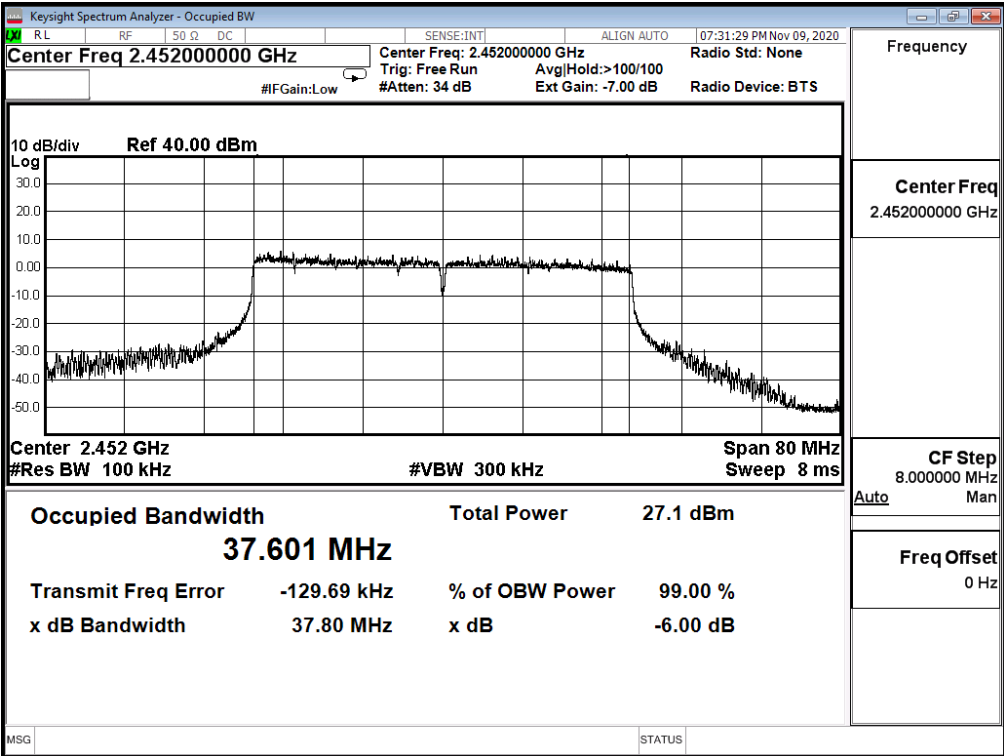
Channel 3 (2422MHz)



Channel 6 (2437MHz)



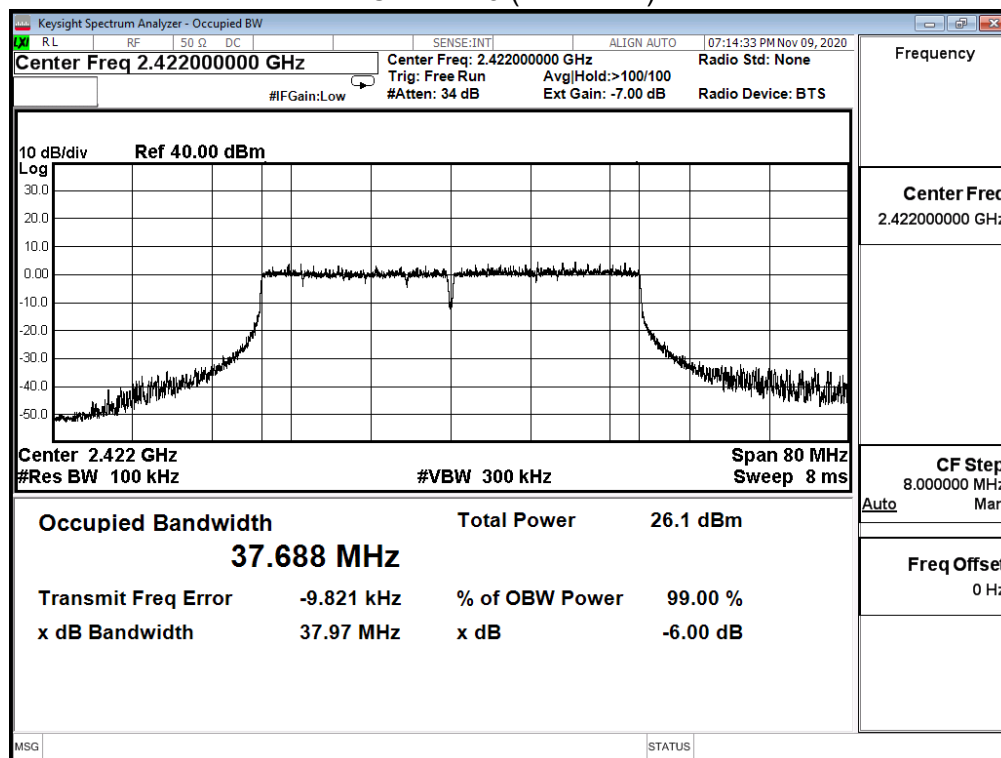
Channel 9 (2452MHz)



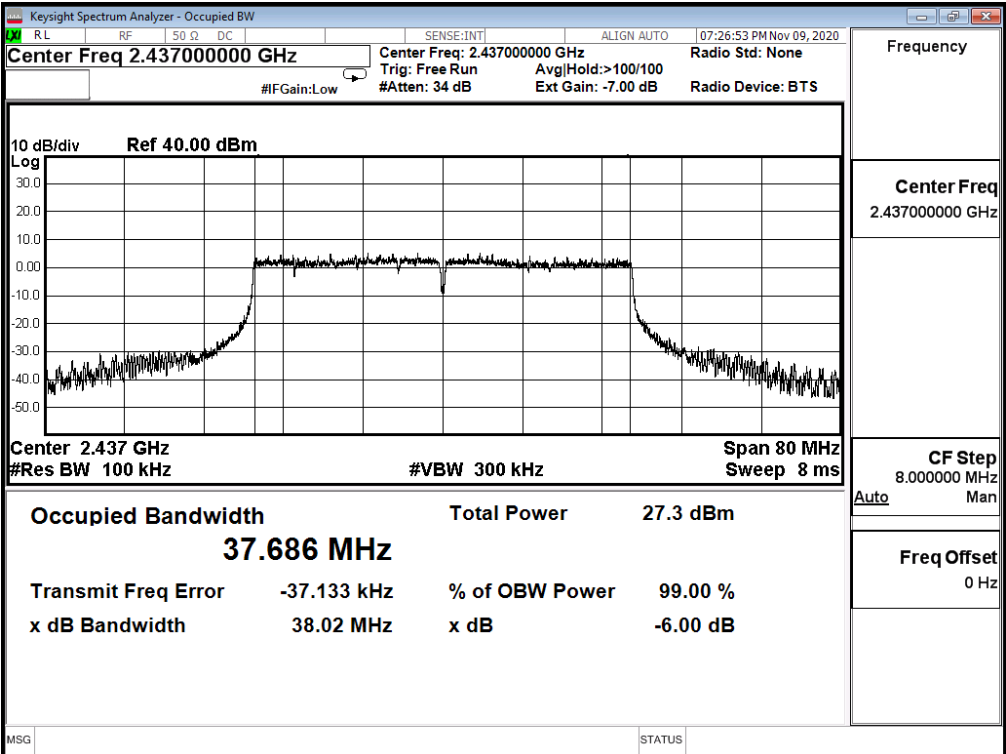
Product	Consumer Home Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

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

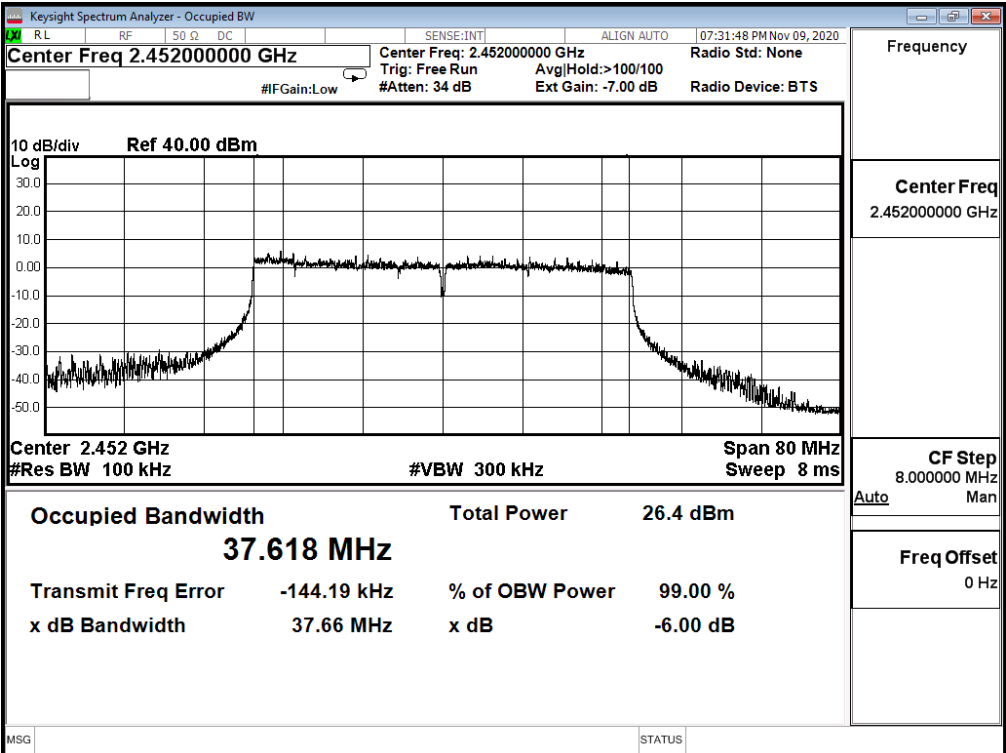
Channel 3 (2422MHz)



Channel 6 (2437MHz)



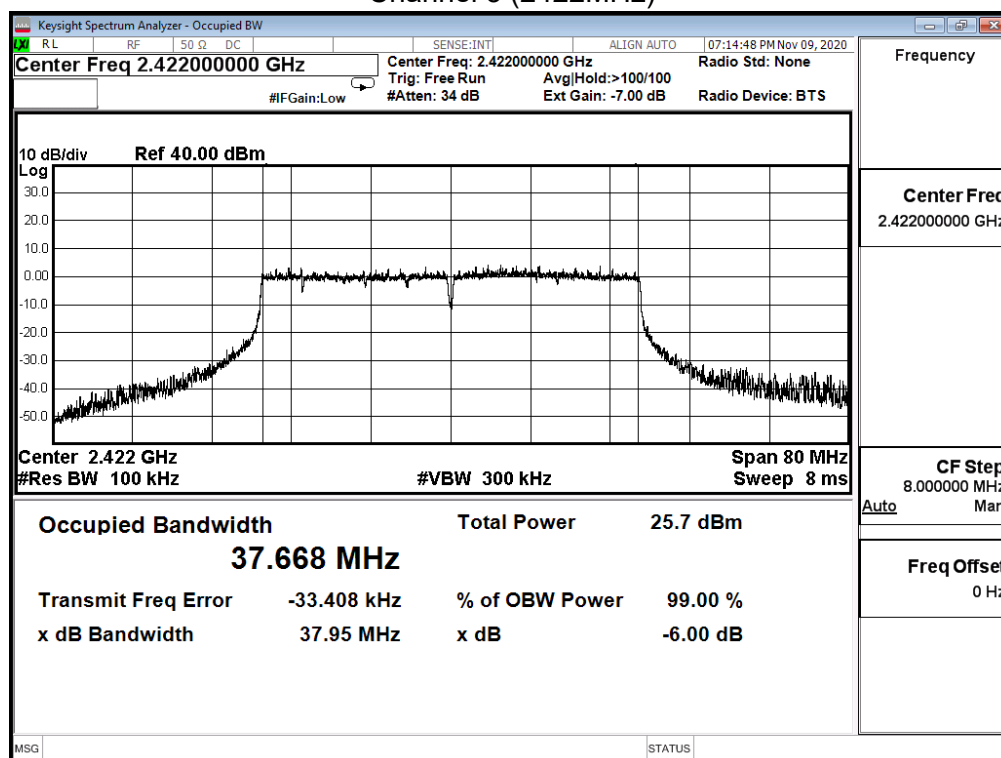
Channel 9 (2452MHz)



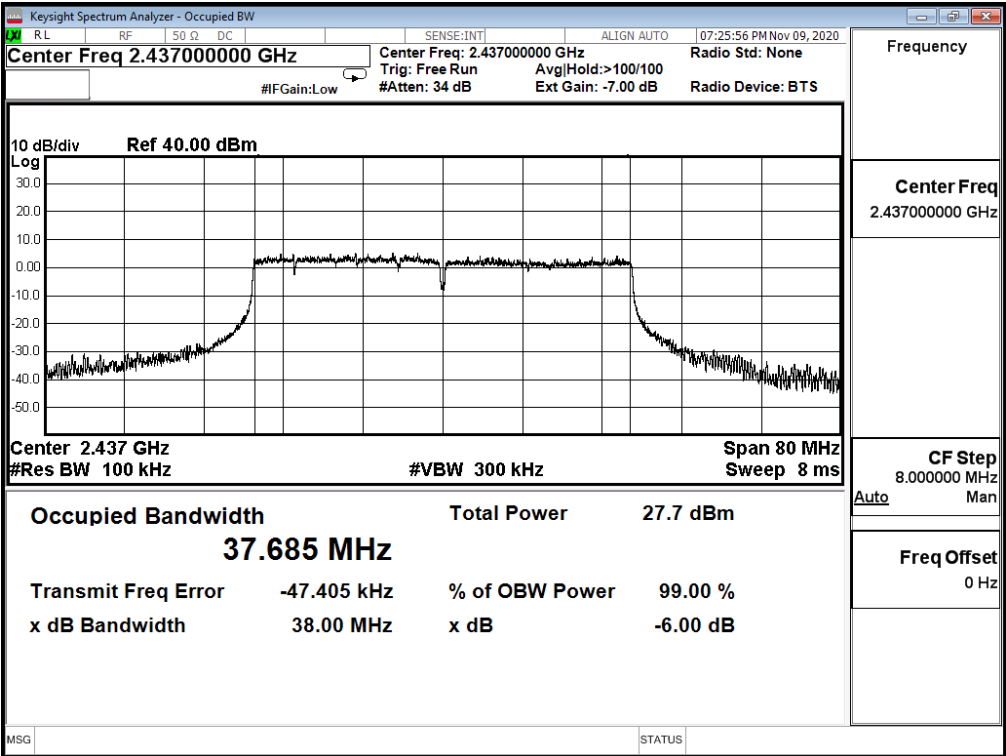
Product	Consumer Home Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

IEEE 802.11ax(40M)(ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	37.950	≥ 0.5	Pass
6	2437	38.000	≥ 0.5	Pass
9	2452	37.750	≥ 0.5	Pass

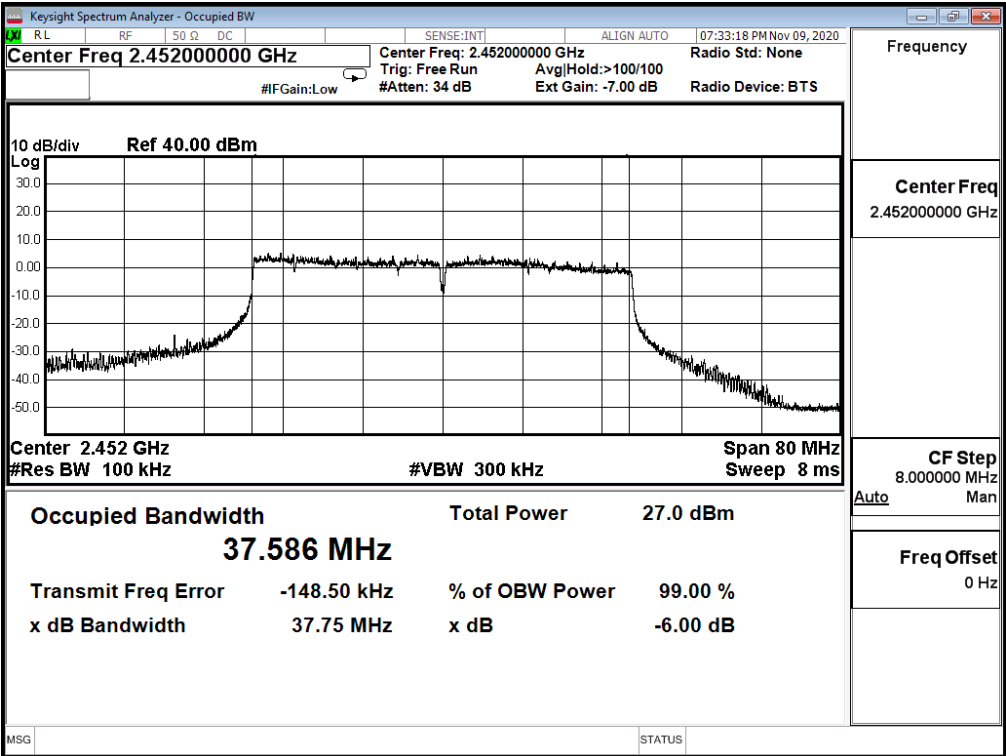
Channel 3 (2422MHz)



Channel 6 (2437MHz)

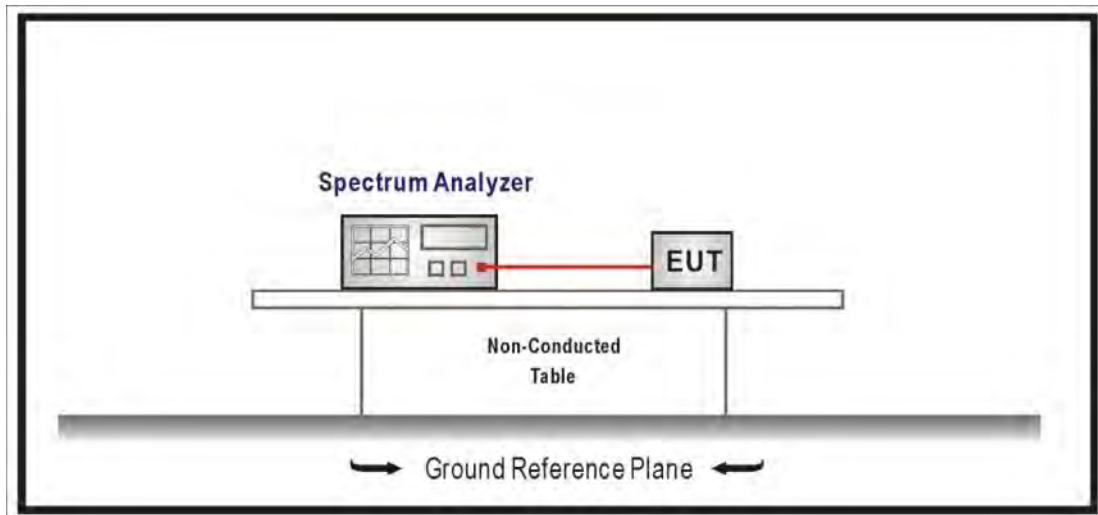


Channel 9 (2452MHz)



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

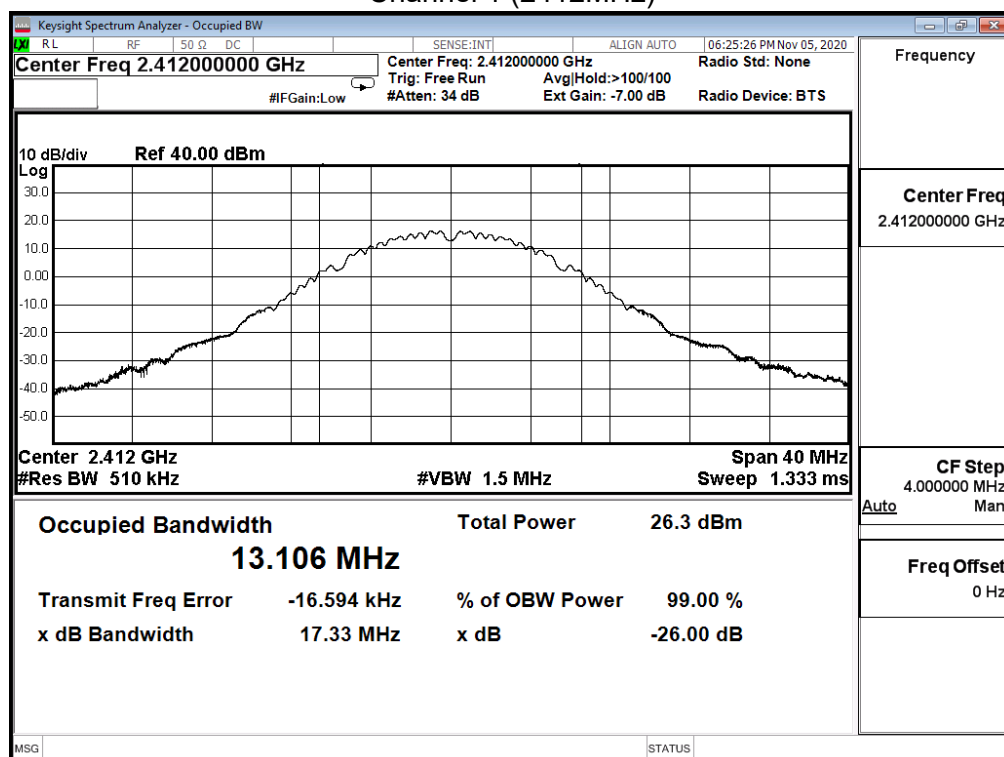
8.5. Test Result

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%

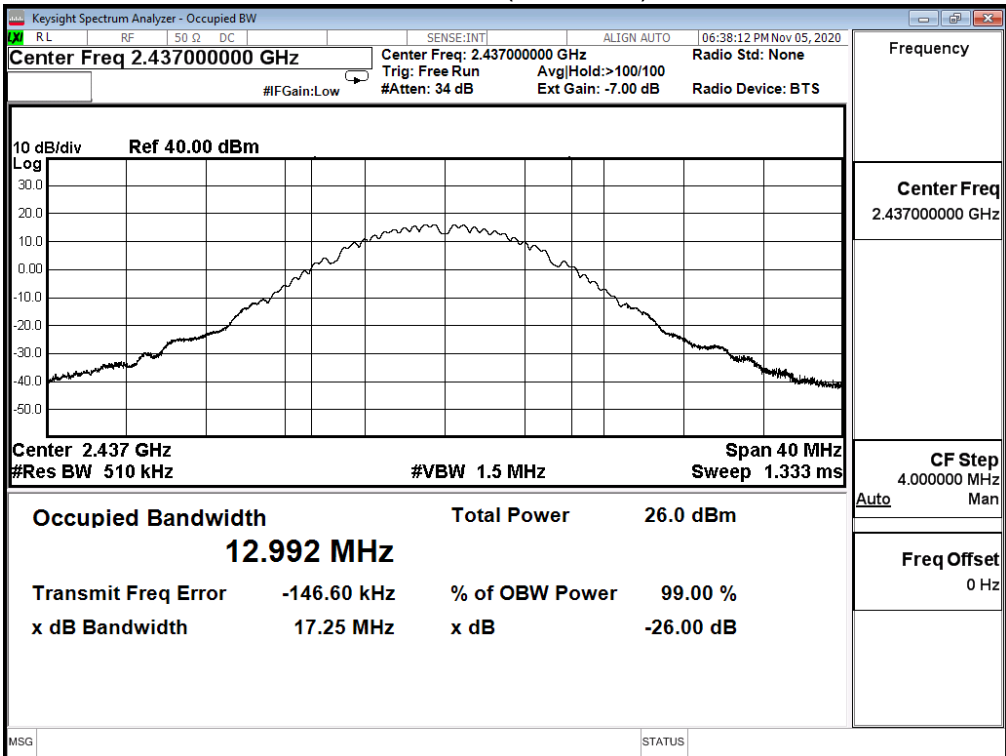
802.11b (ANT 0)

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

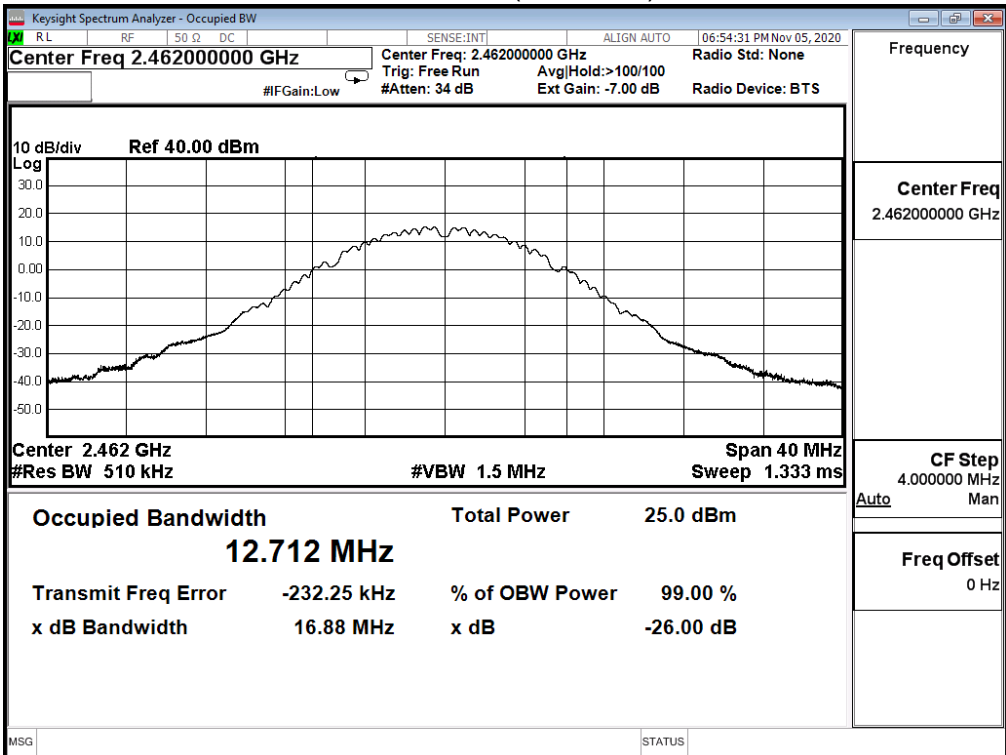
Channel 1 (2412MHz)



Channel 6 (2437MHz)



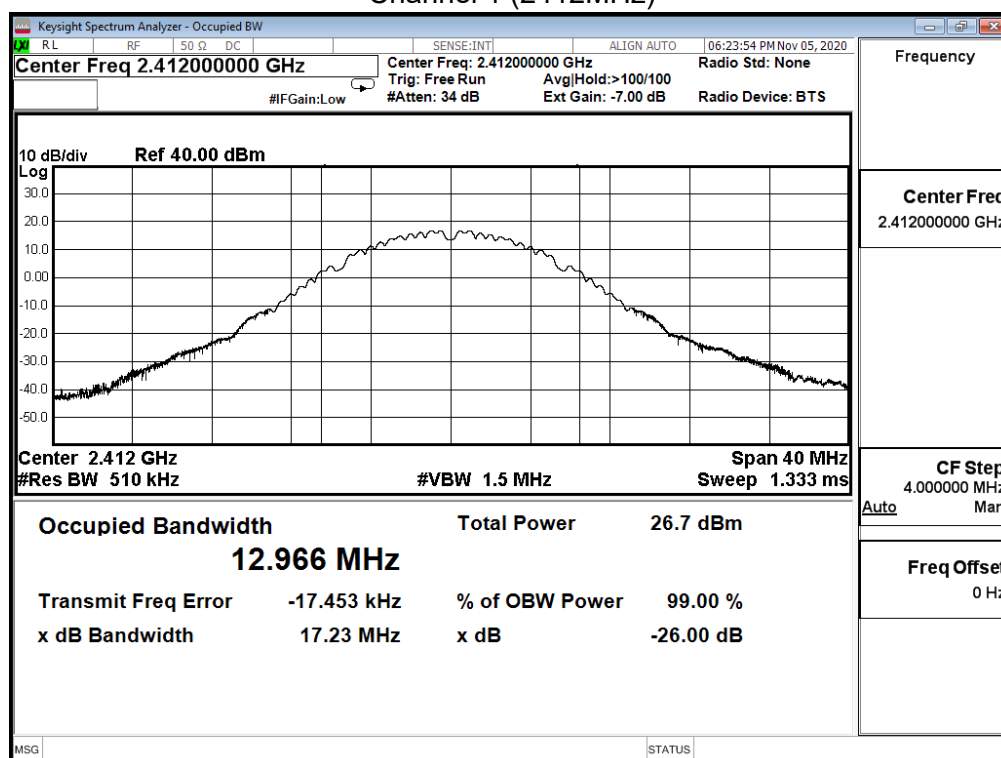
Channel 11 (2462MHz)



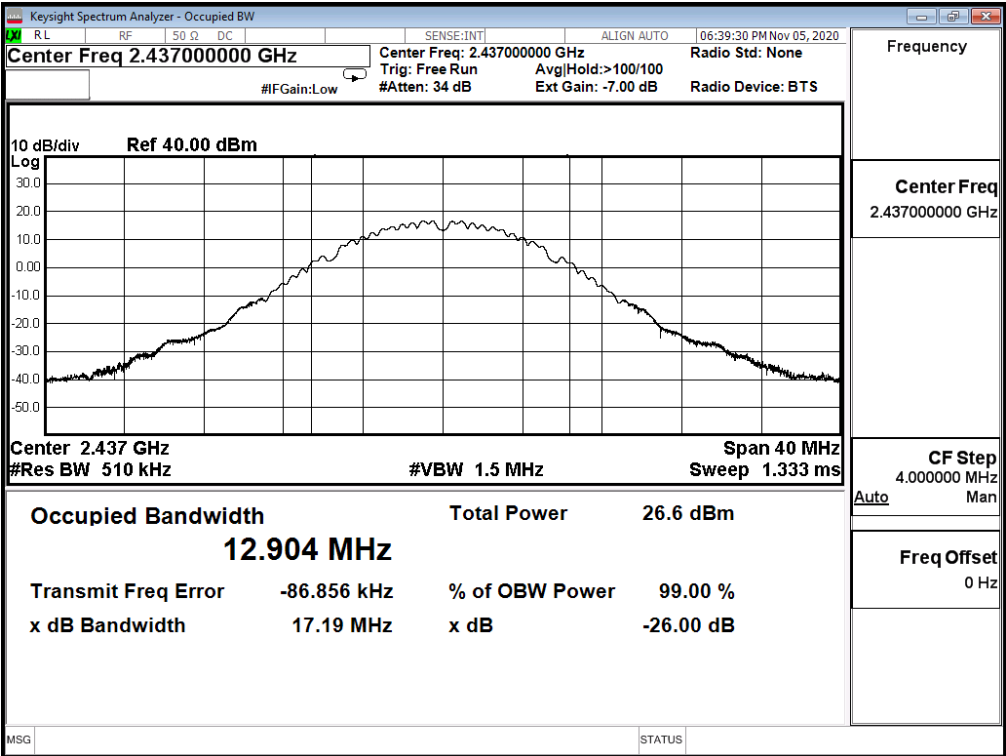
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/05	Test Site	SR12-H
Test Temperature	24.0°C	Test Humidity	60.0%

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	---

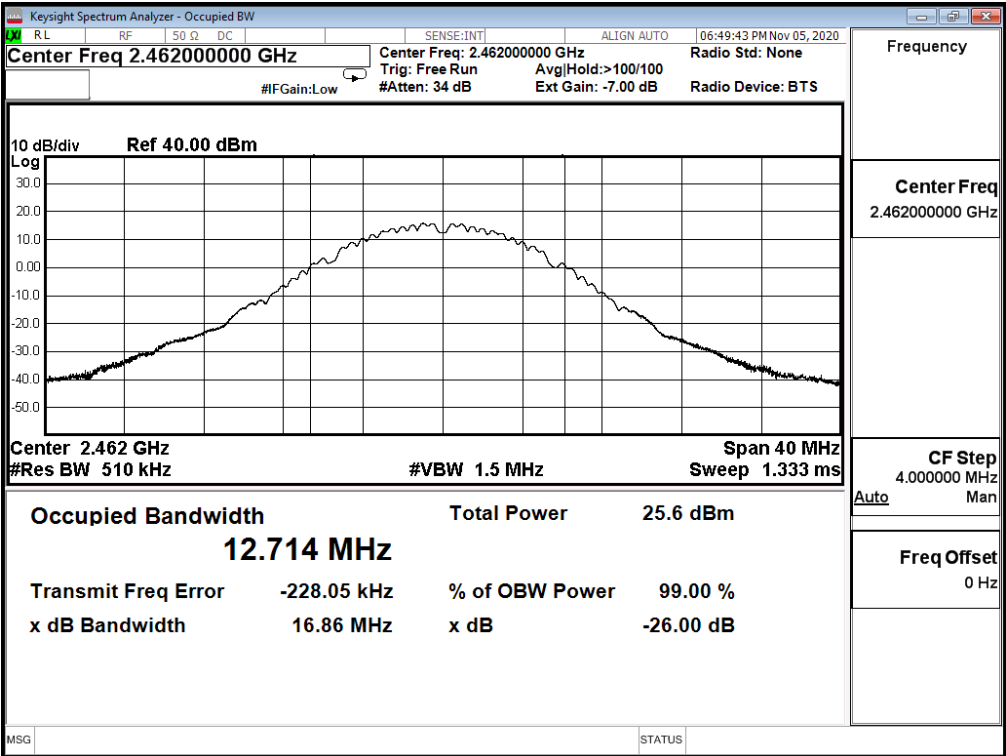
Channel 1 (2412MHz)



Channel 6 (2437MHz)



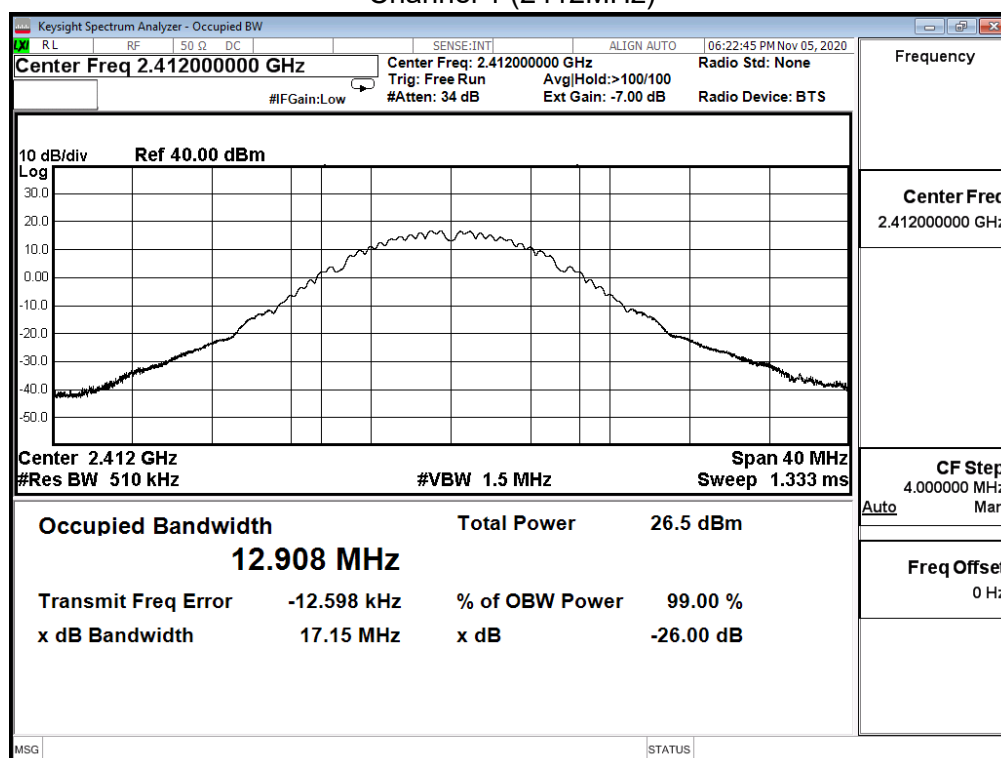
Channel 11 (2462MHz)



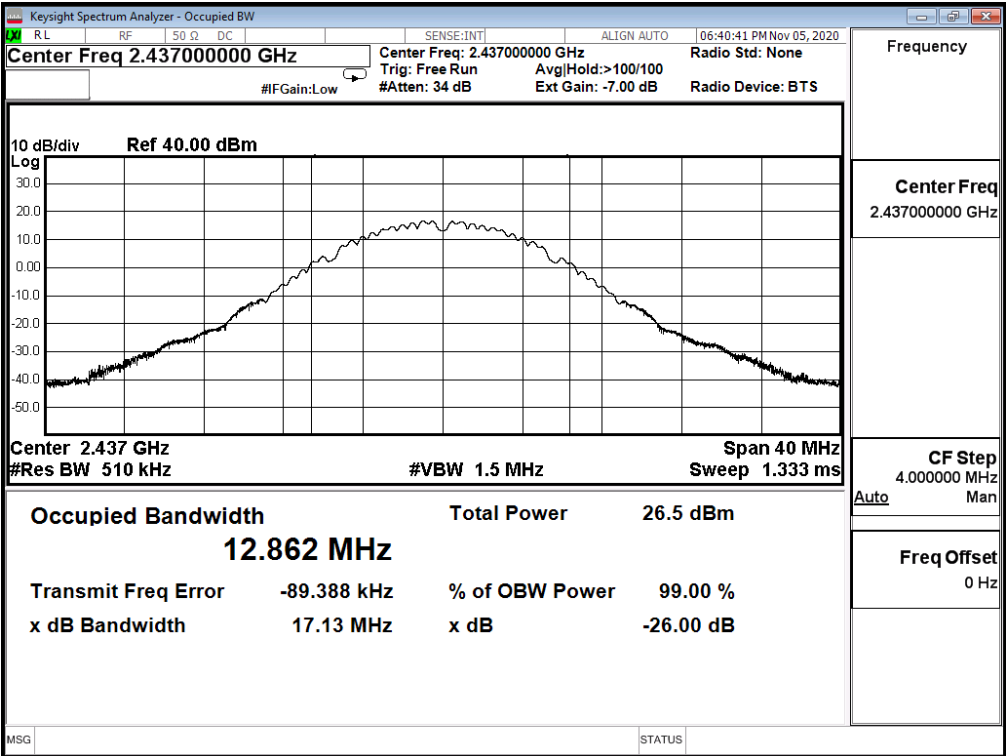
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/05	Test Site	SR12-H
Test Temperature	24.0°C	Test Humidity	60.0%

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	---

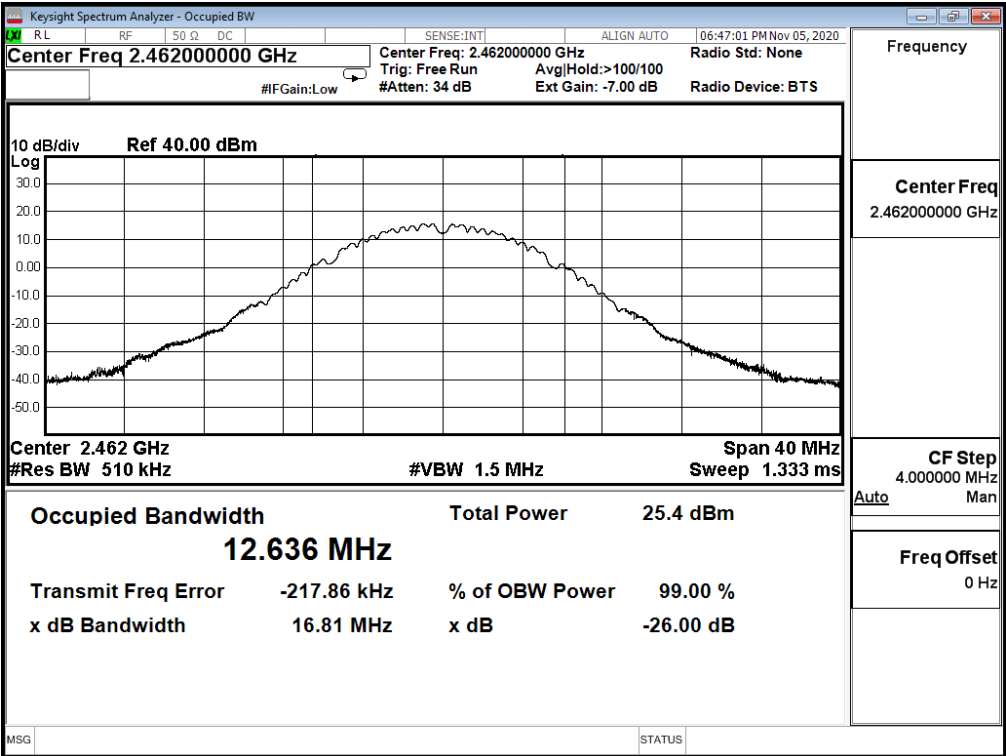
Channel 1 (2412MHz)



Channel 6 (2437MHz)



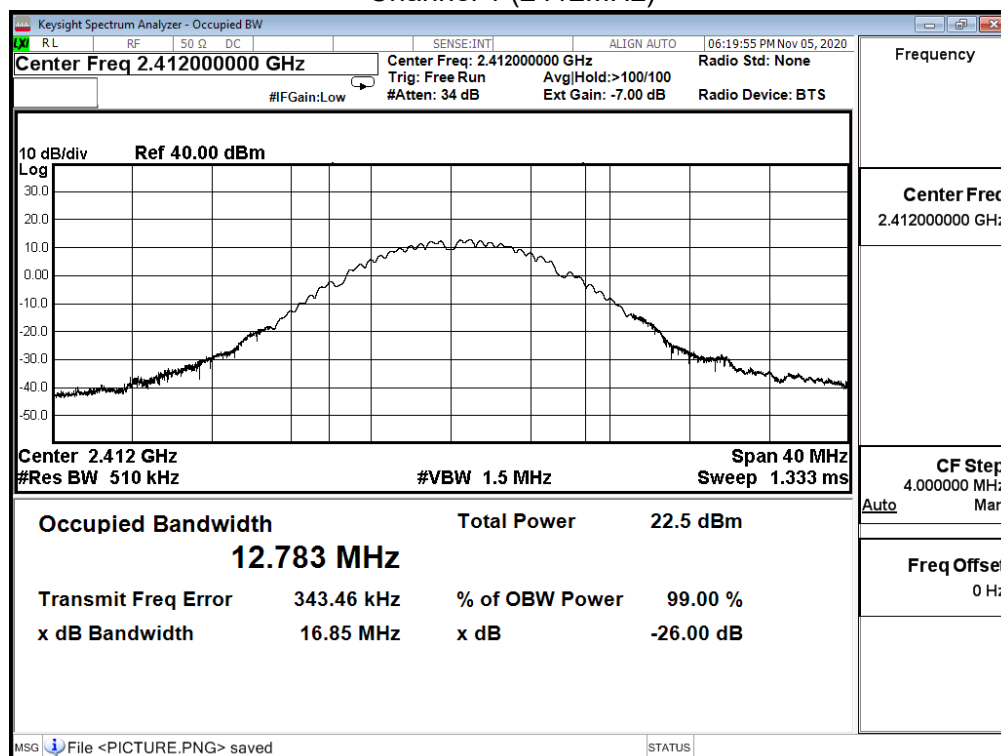
Channel 11 (2462MHz)



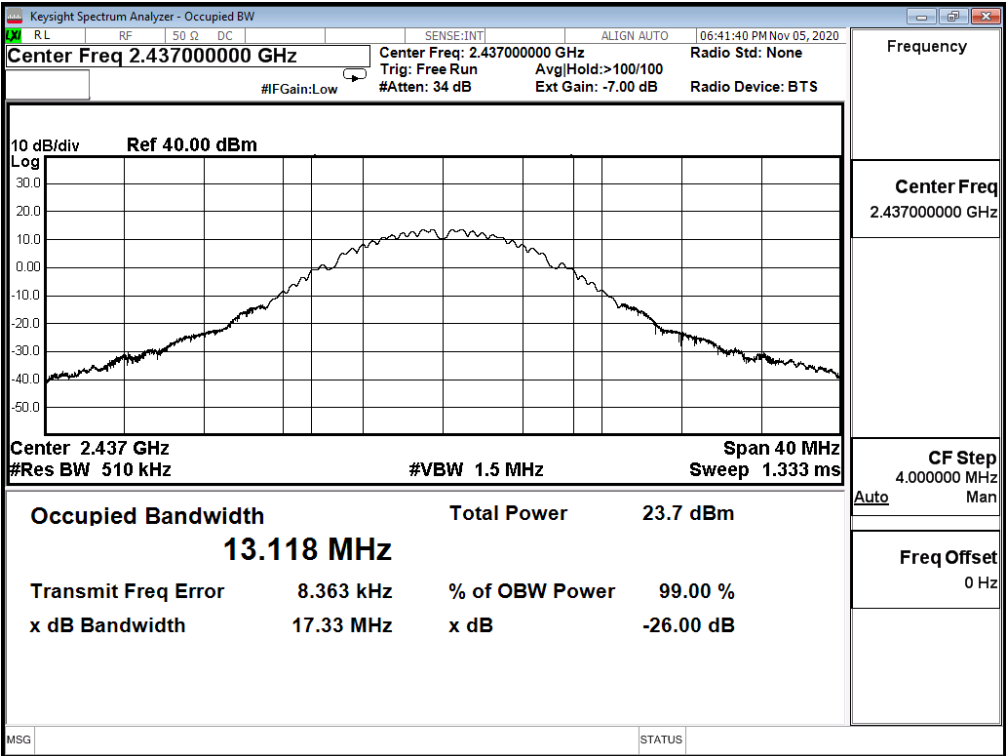
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/05	Test Site	SR12-H
Test Temperature	24.0°C	Test Humidity	60.0%

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	---

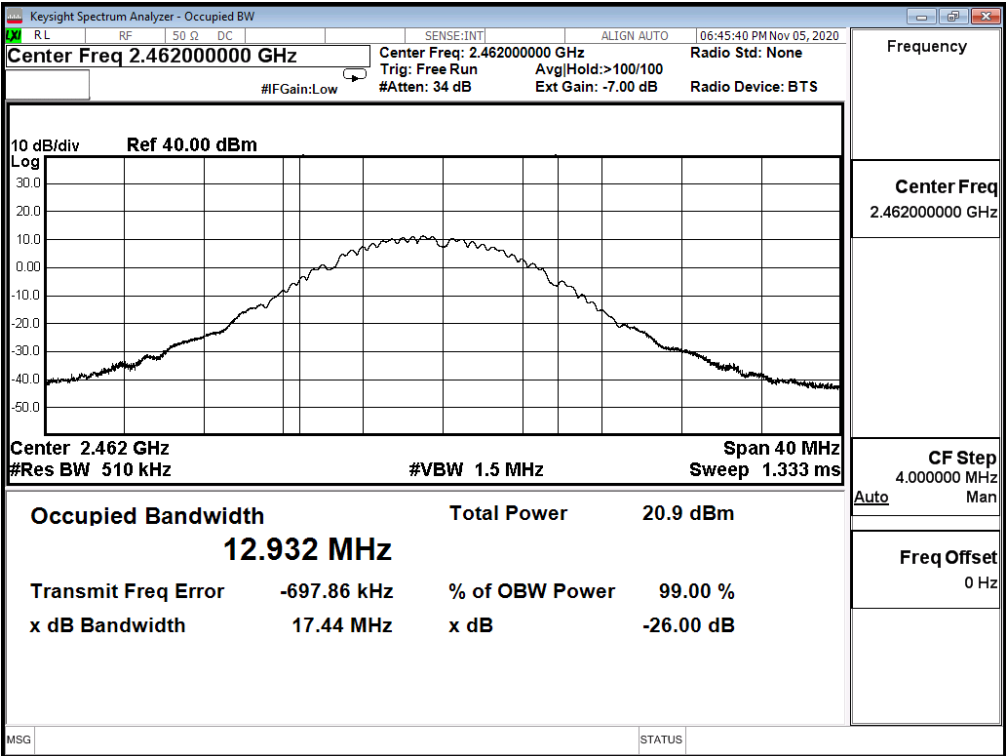
Channel 1 (2412MHz)



Channel 6 (2437MHz)



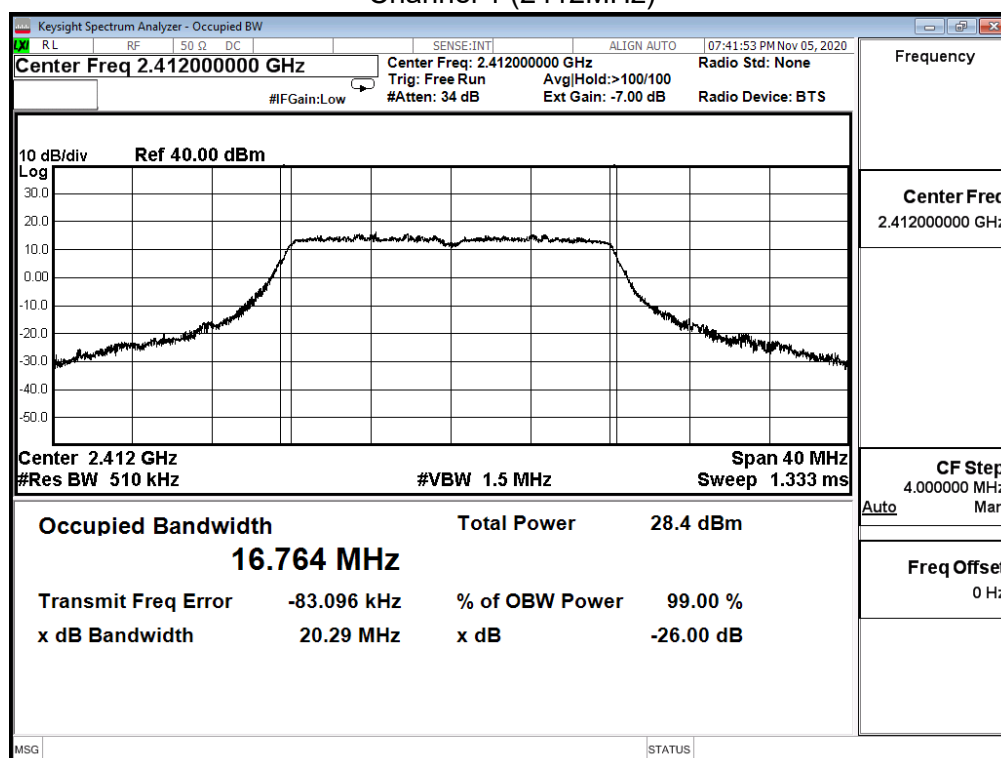
Channel 11 (2462MHz)



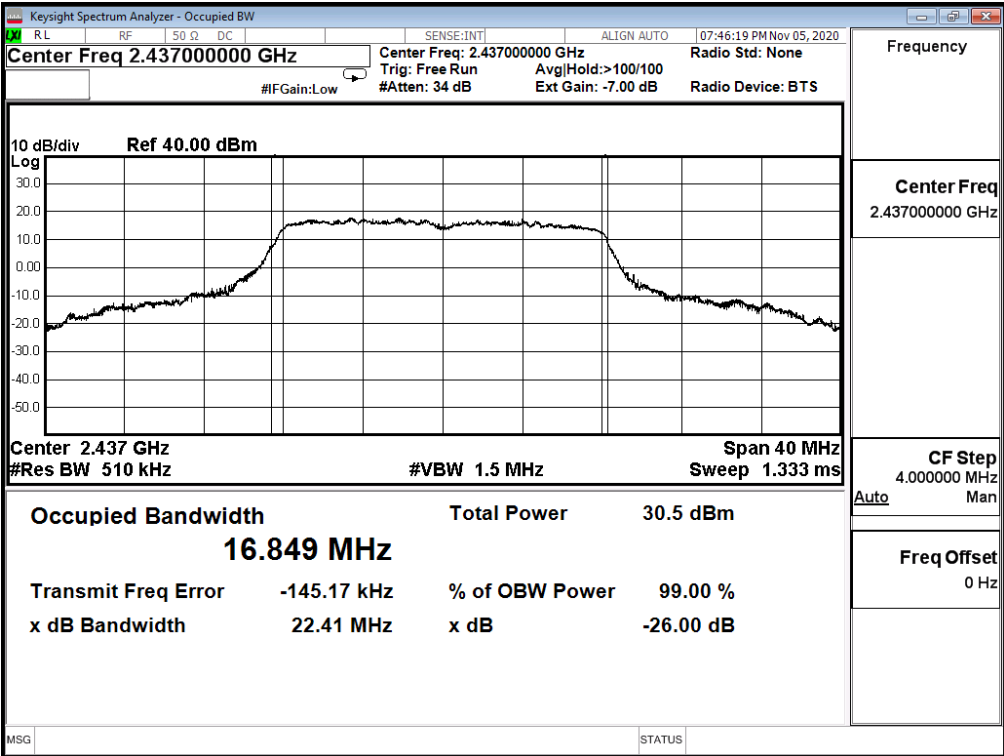
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/05	Test Site	SR12-H
Test Temperature	24.0°C	Test Humidity	60.0%

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	---

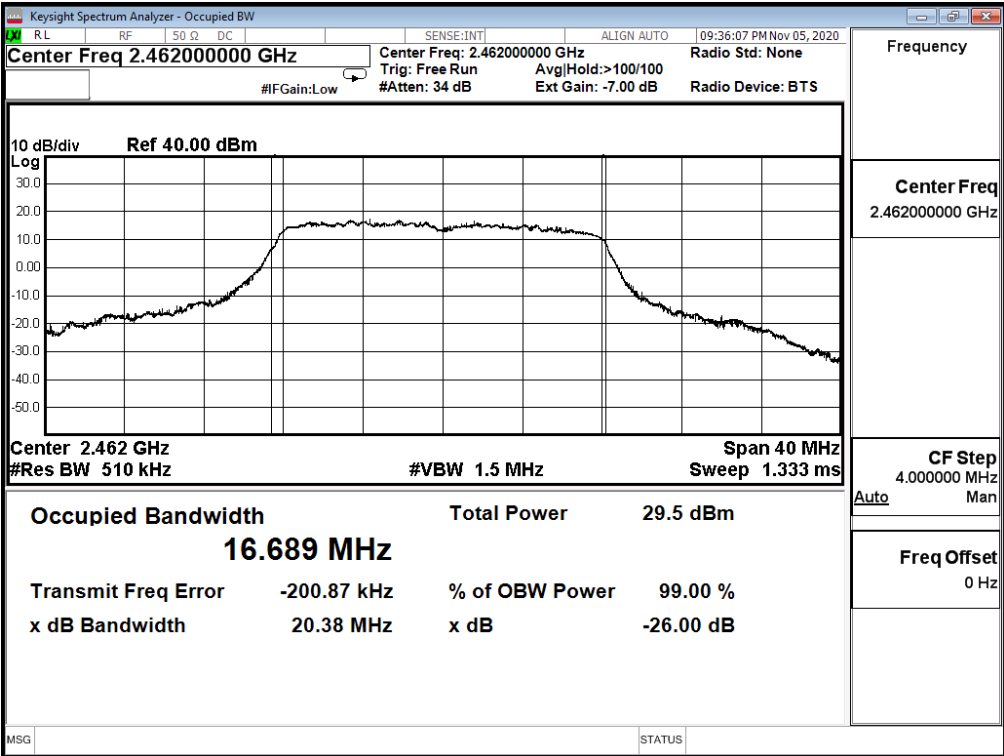
Channel 1 (2412MHz)



Channel 6 (2437MHz)



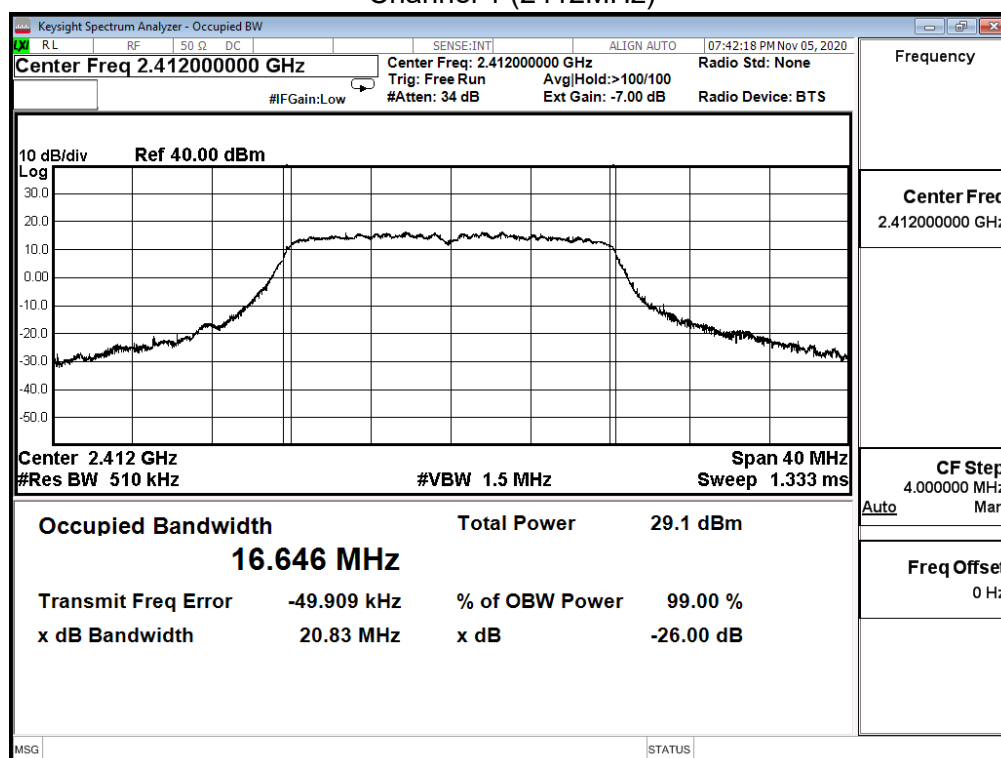
Channel 11 (2462MHz)



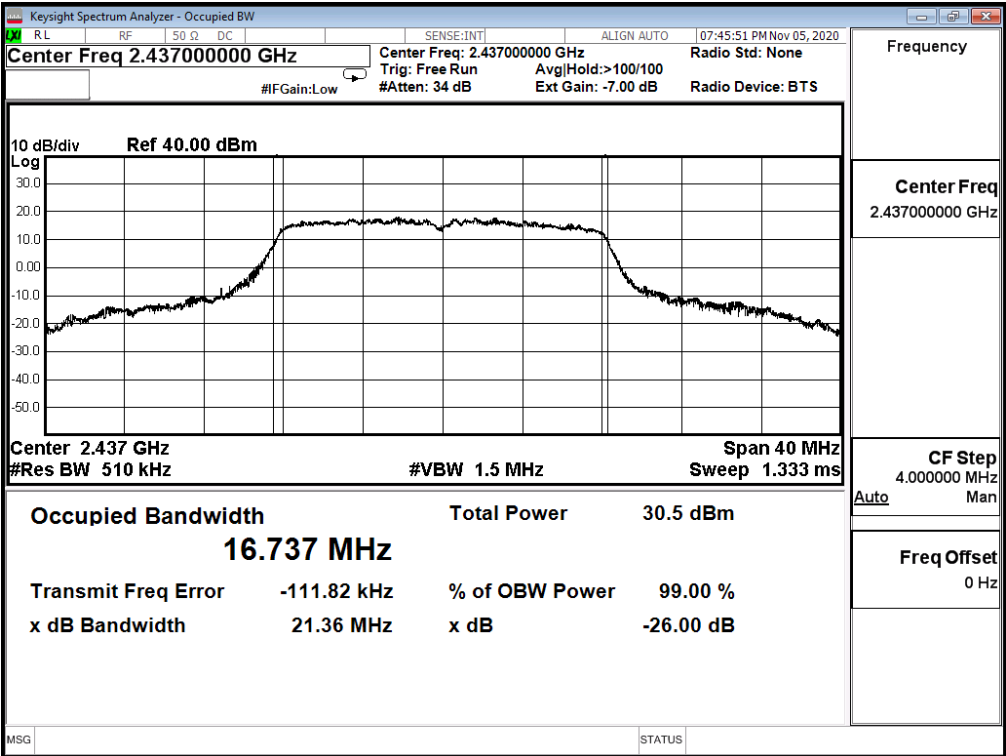
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/05	Test Site	SR12-H
Test Temperature	24.0°C	Test Humidity	60.0%

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	---

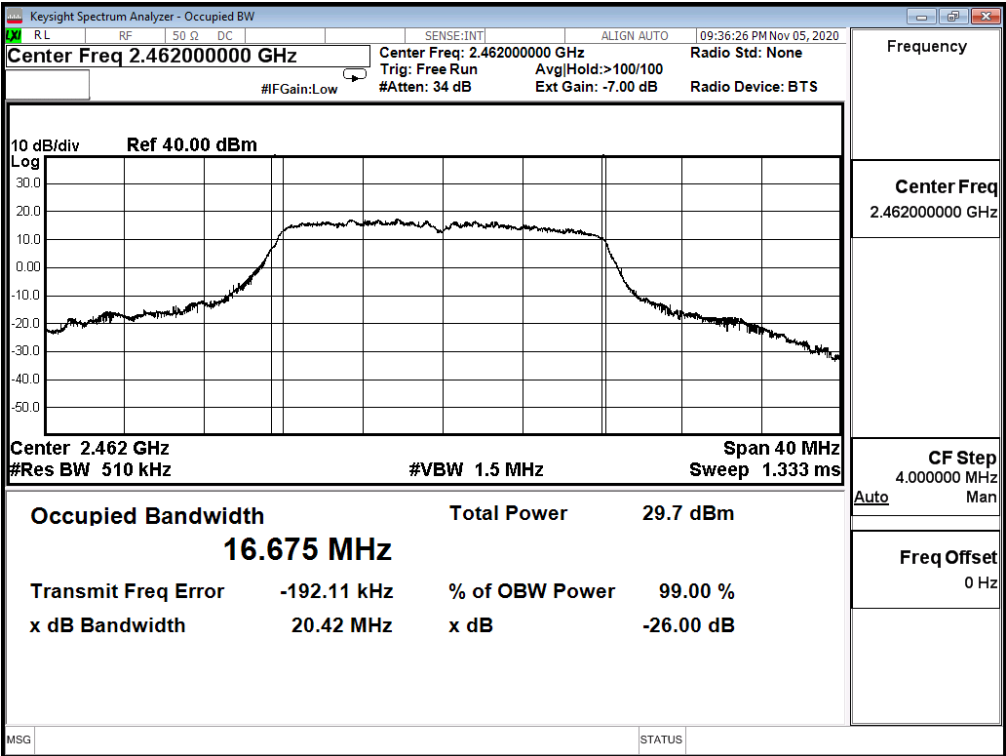
Channel 1 (2412MHz)



Channel 6 (2437MHz)



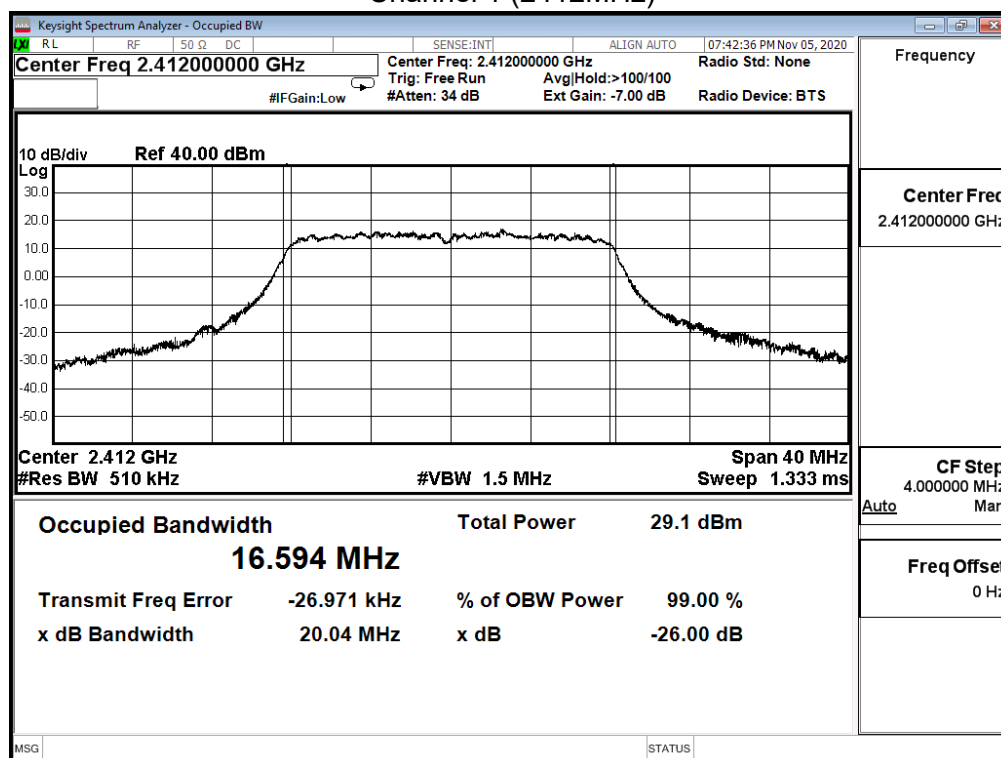
Channel 11 (2462MHz)



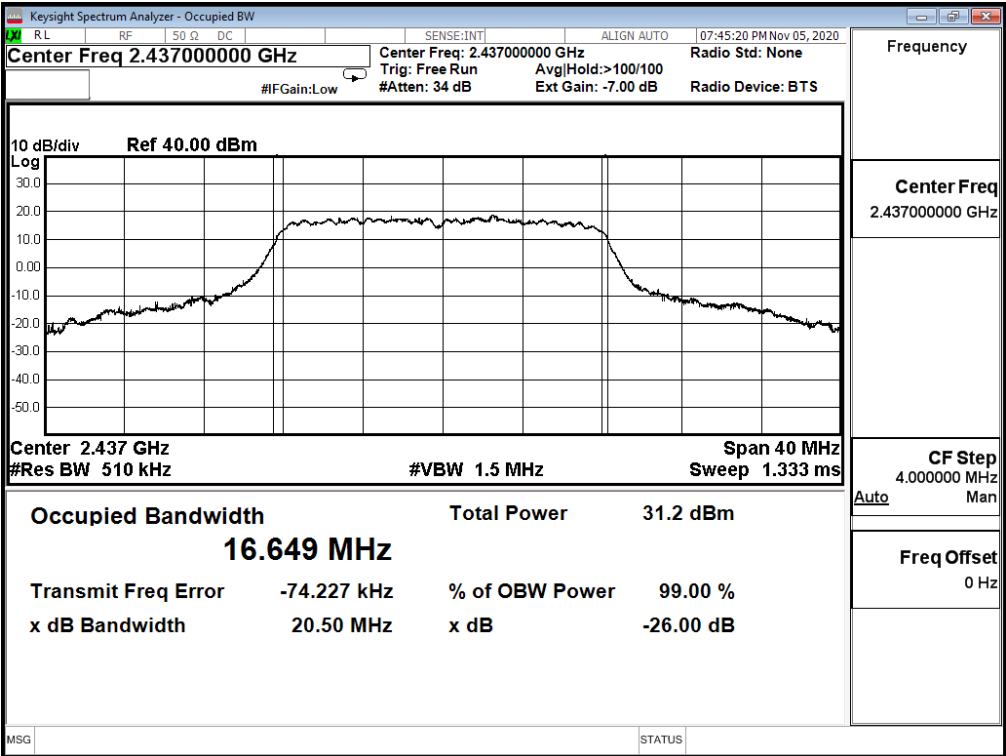
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/05	Test Site	SR12-H
Test Temperature	24.0°C	Test Humidity	60.0%

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	---

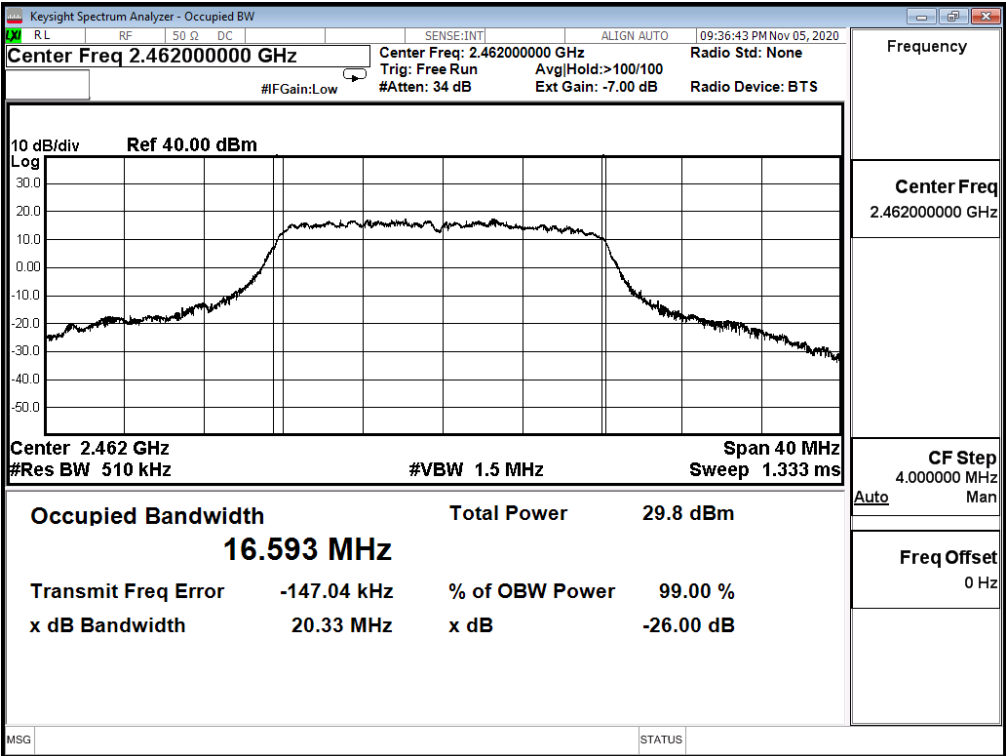
Channel 1 (2412MHz)



Channel 6 (2437MHz)



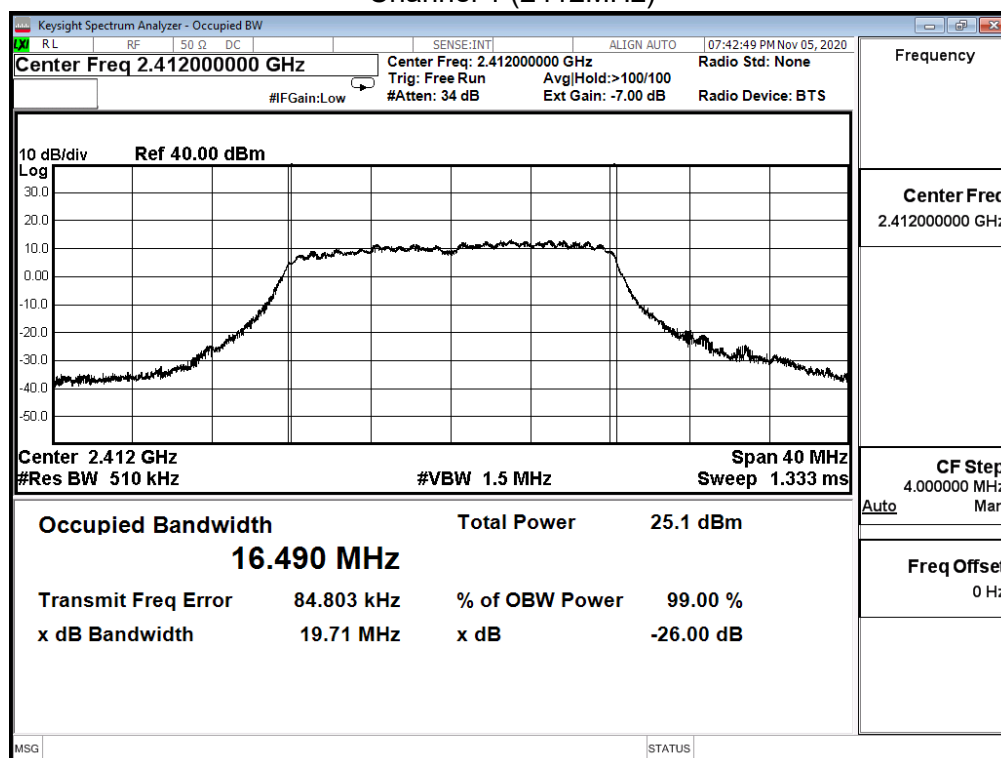
Channel 11 (2462MHz)



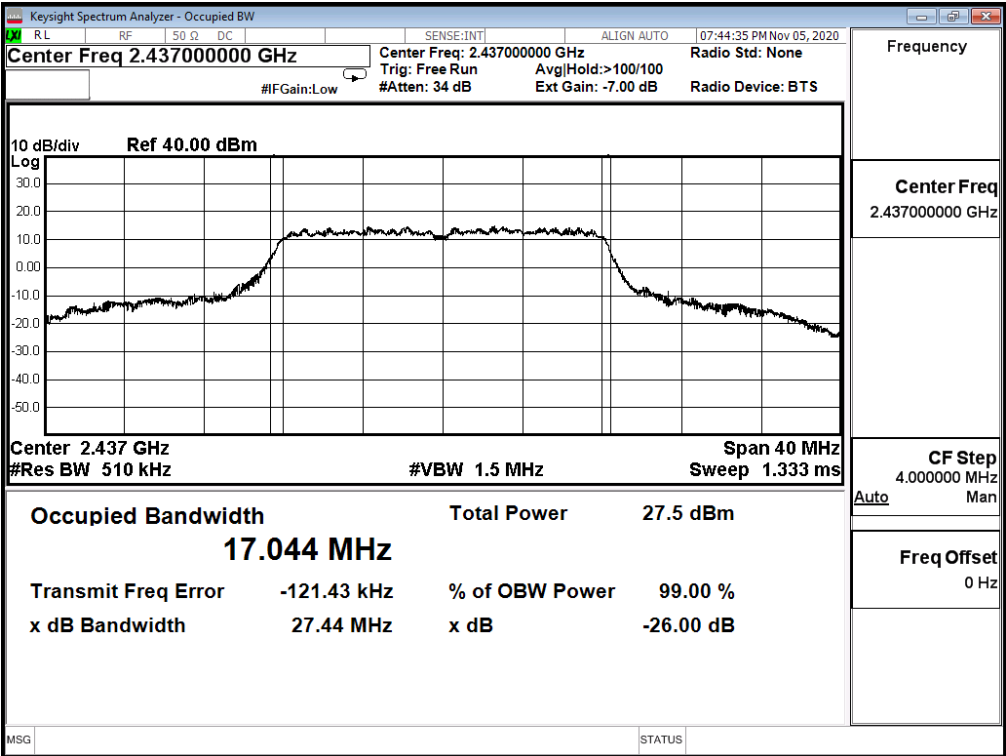
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/05	Test Site	SR12-H
Test Temperature	24.0°C	Test Humidity	60.0%

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	---

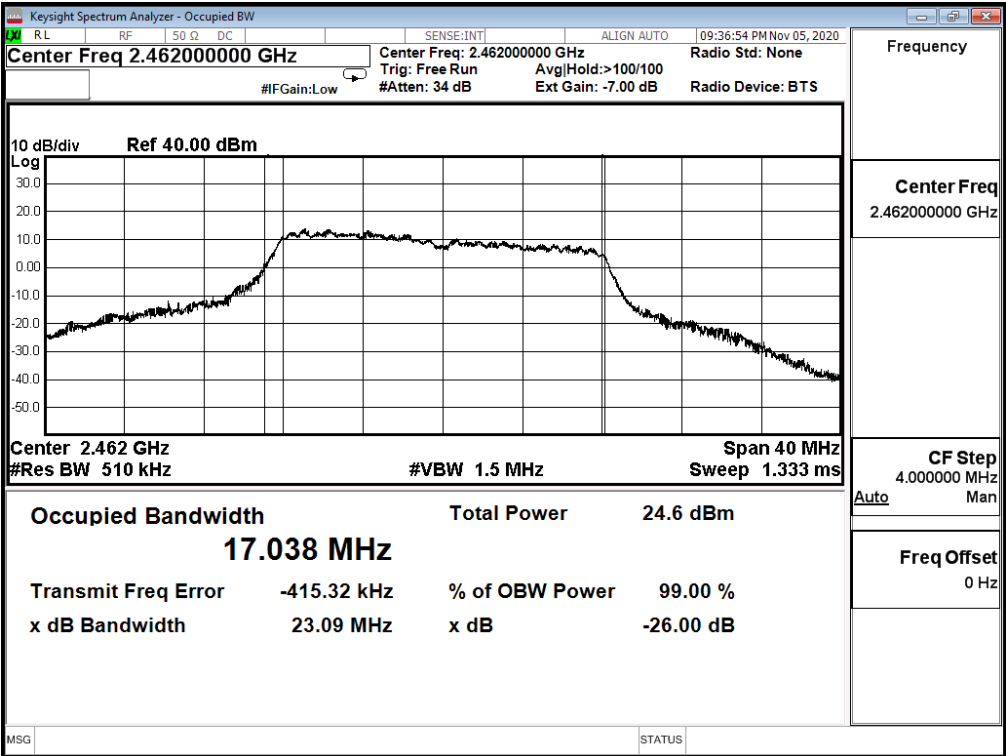
Channel 1 (2412MHz)



Channel 6 (2437MHz)



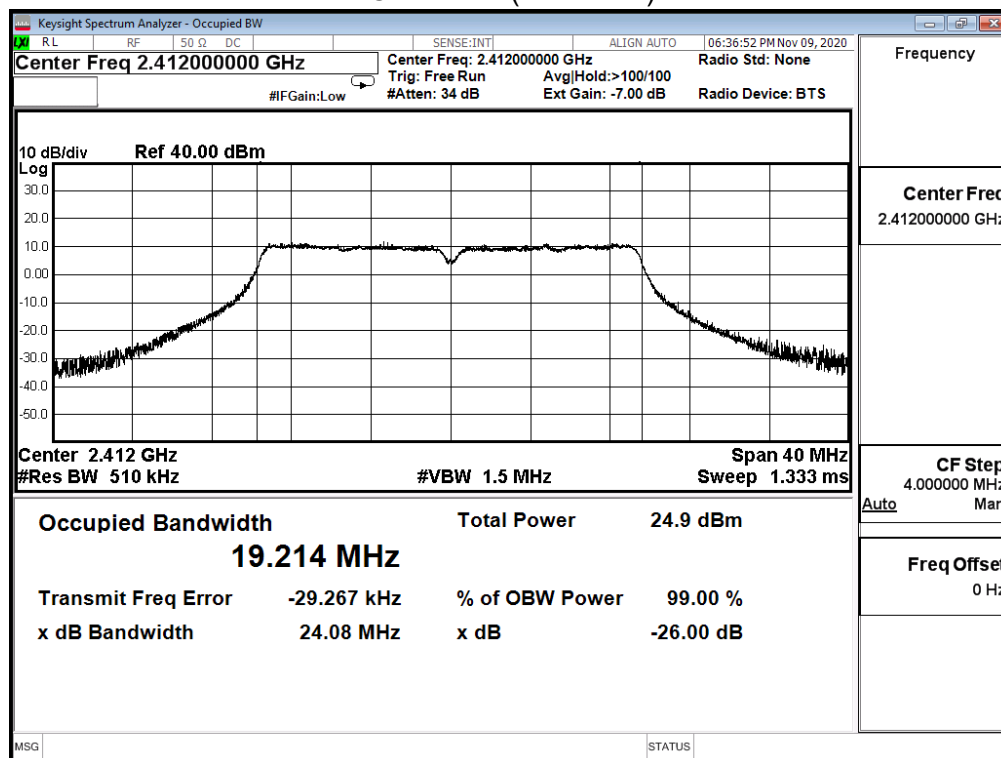
Channel 11 (2462MHz)



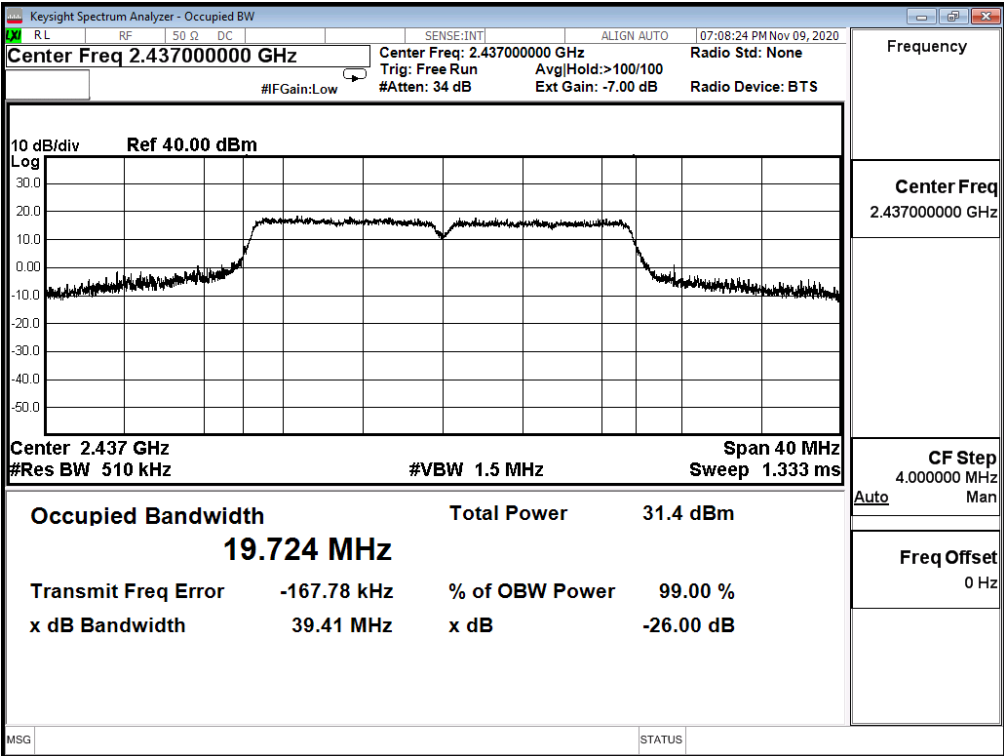
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

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	---

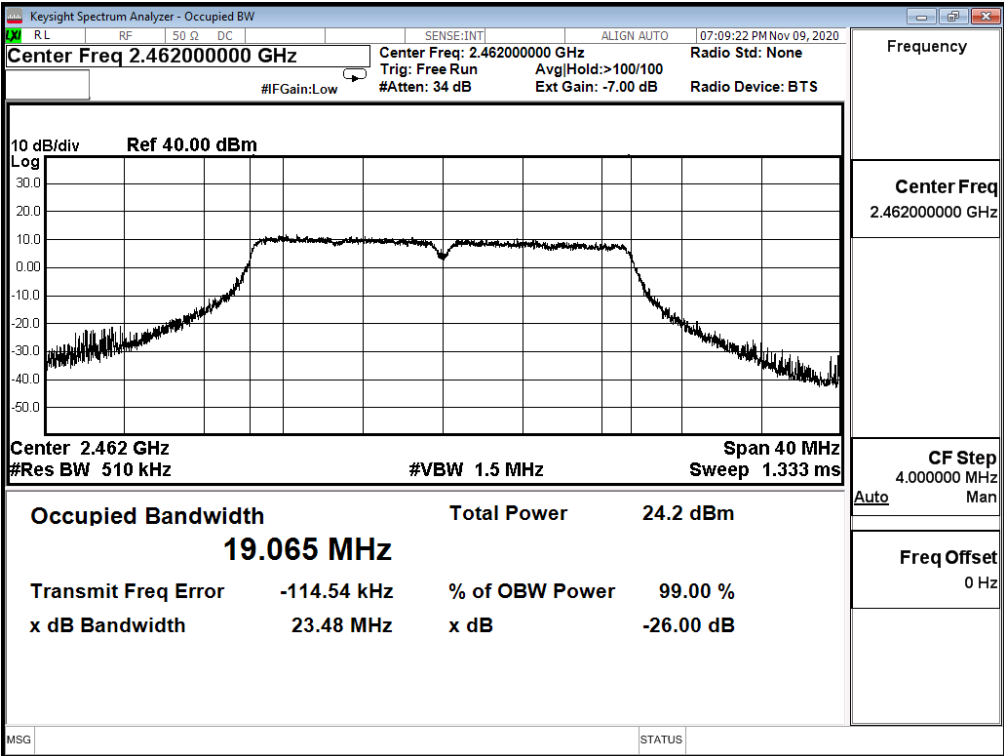
Channel 1 (2412MHz)



Channel 6 (2437MHz)



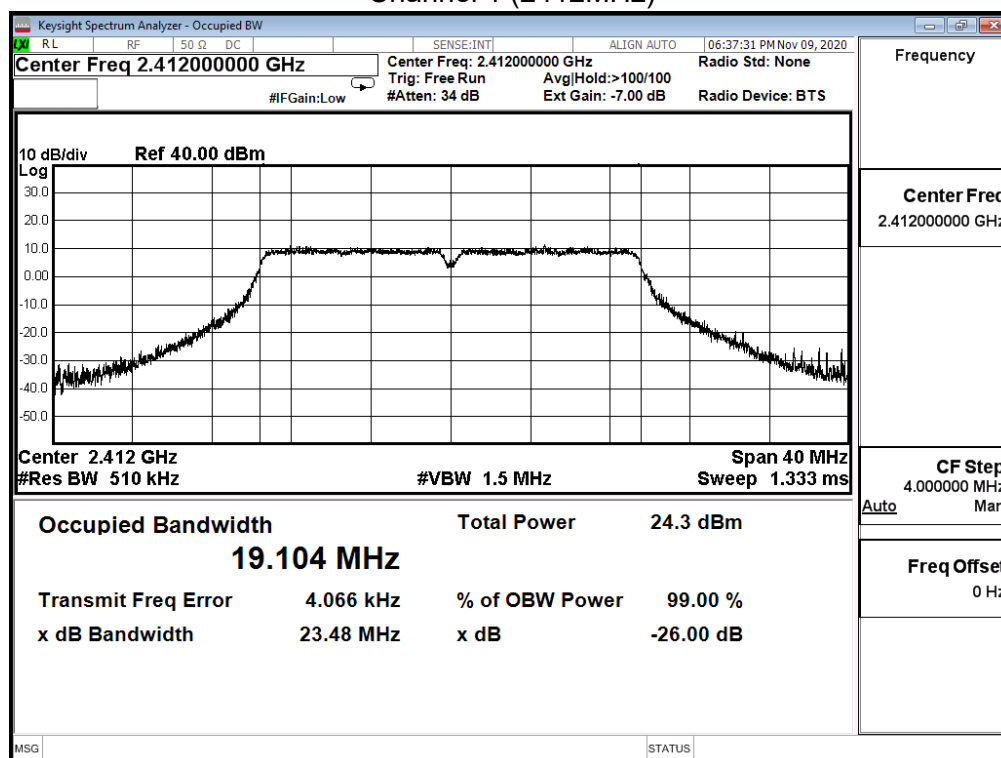
Channel 11 (2462MHz)



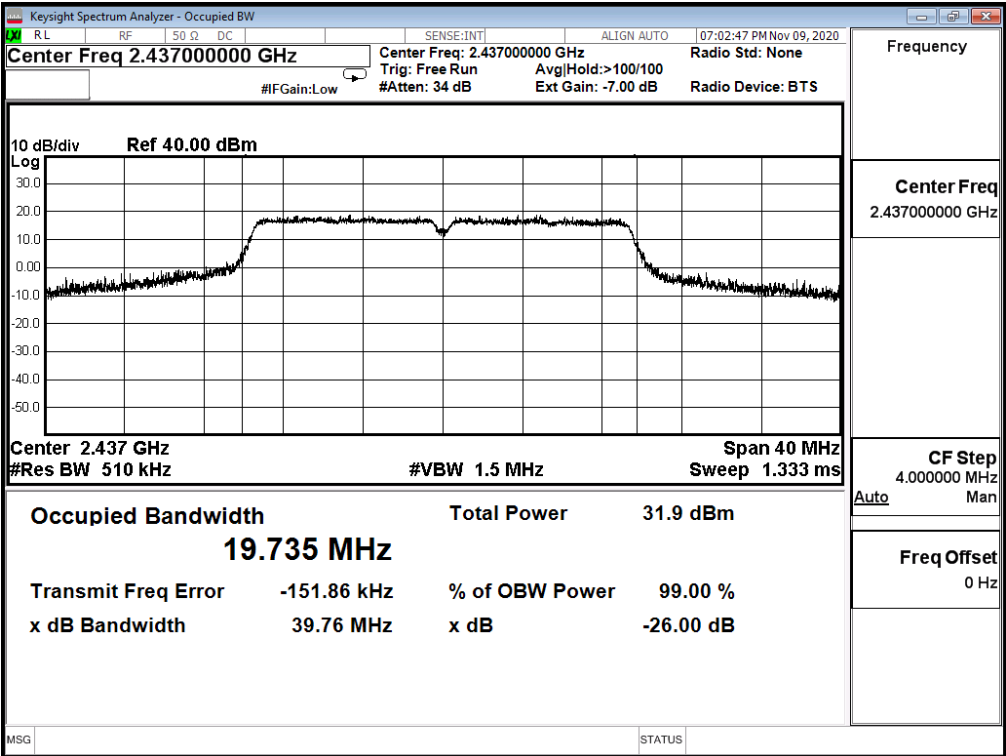
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

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	---

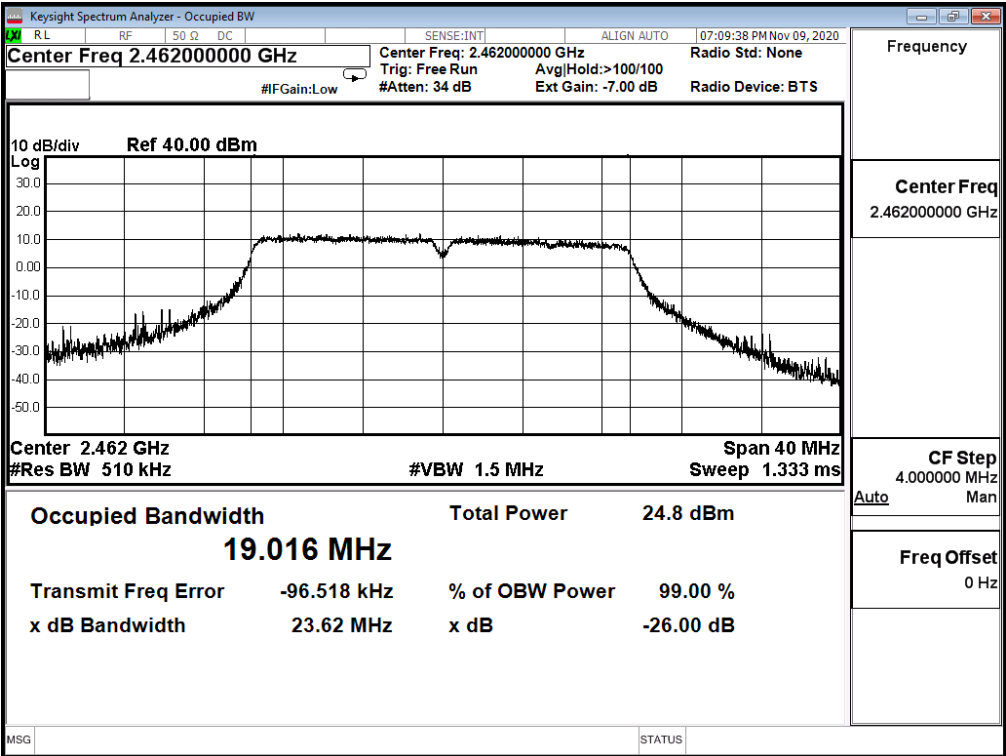
Channel 1 (2412MHz)



Channel 6 (2437MHz)



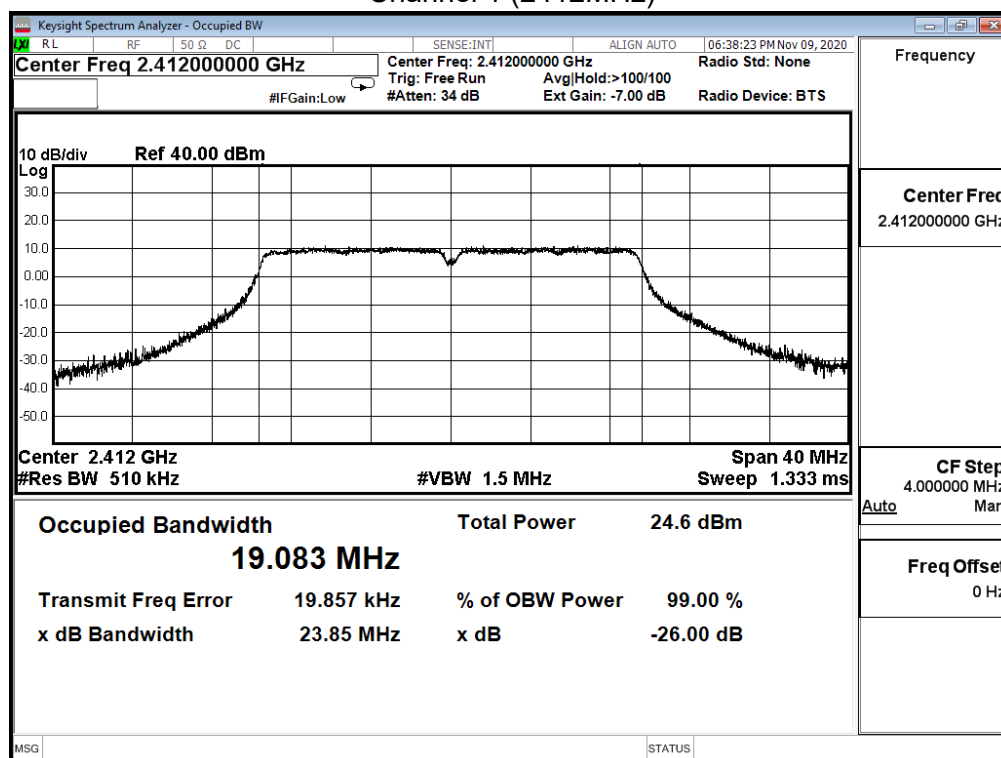
Channel 11 (2462MHz)



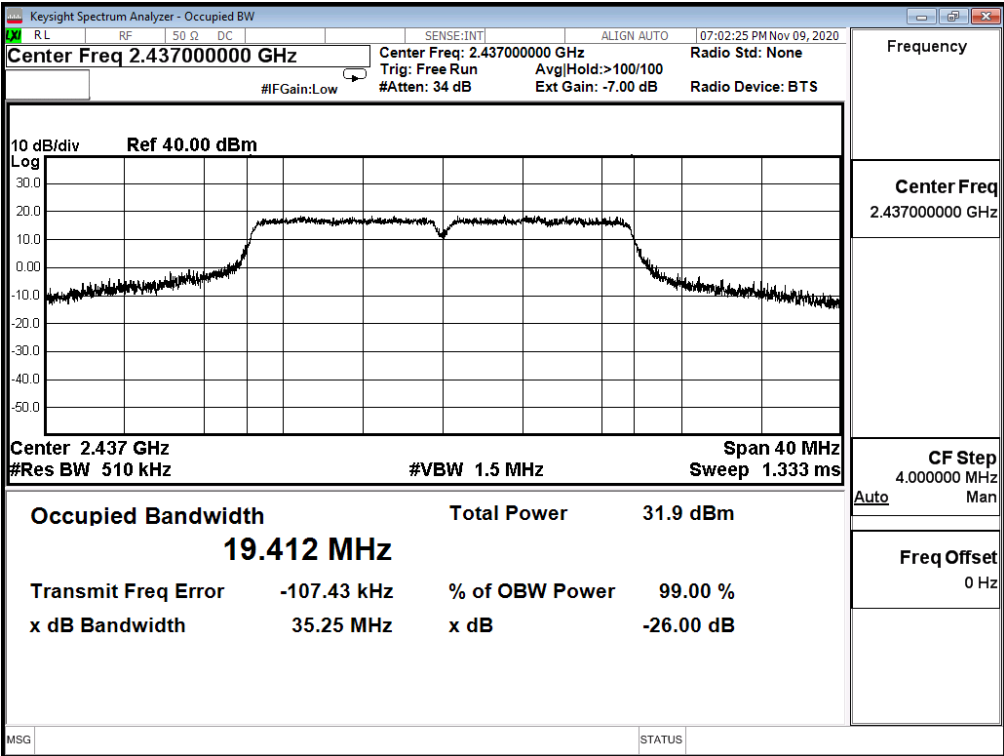
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

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	---

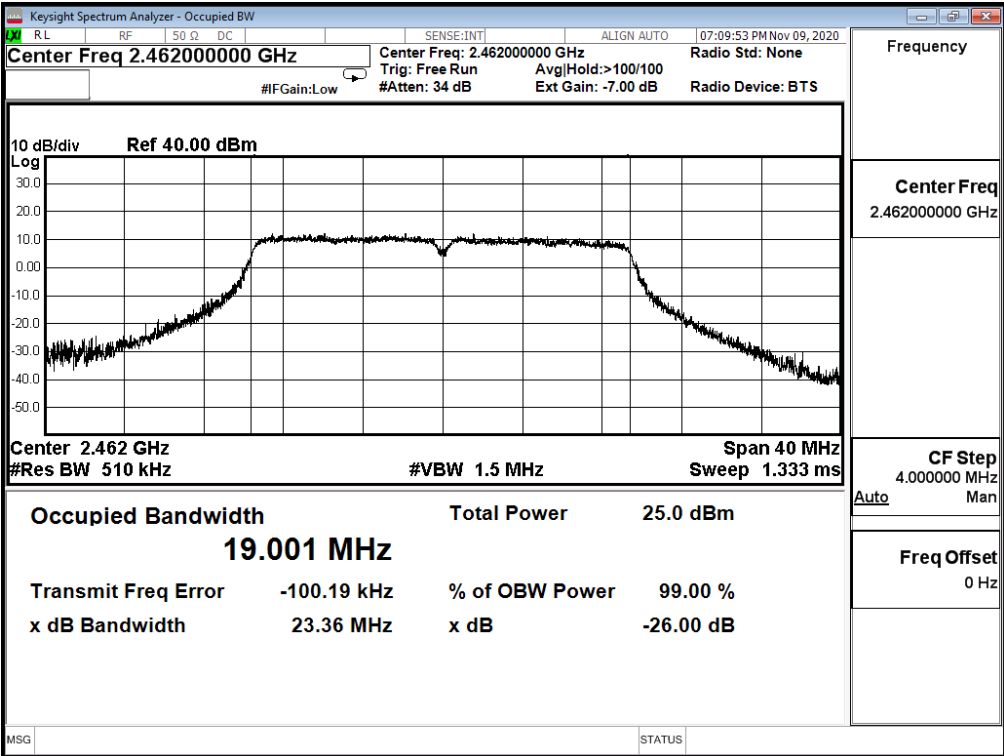
Channel 1 (2412MHz)



Channel 6 (2437MHz)



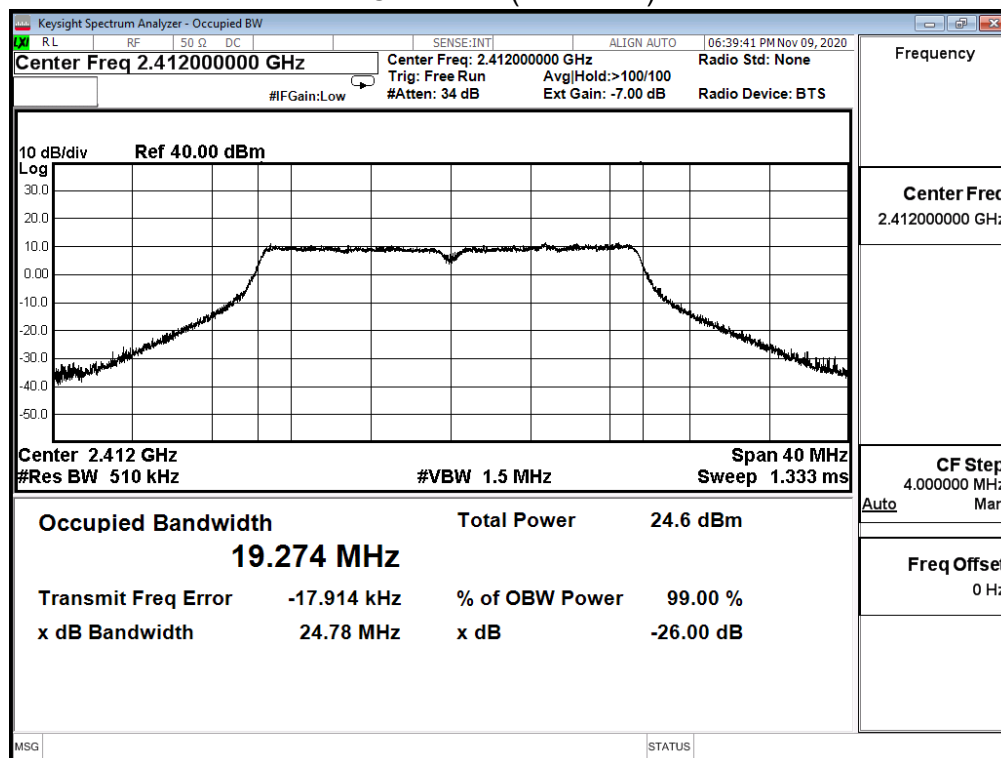
Channel 11 (2462MHz)



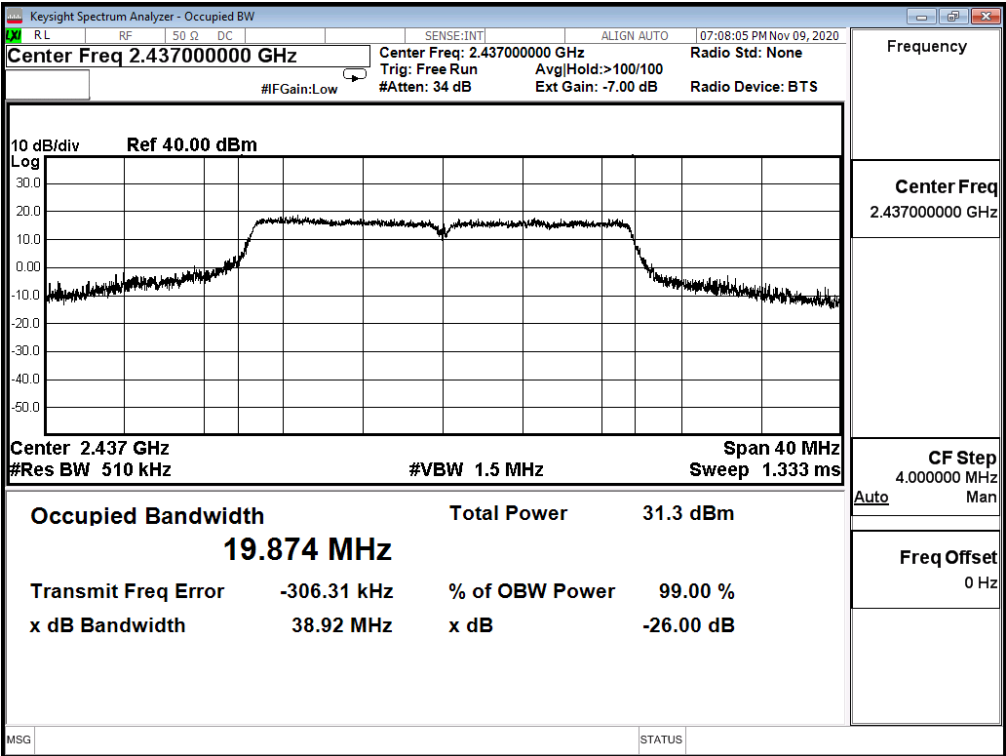
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

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	---

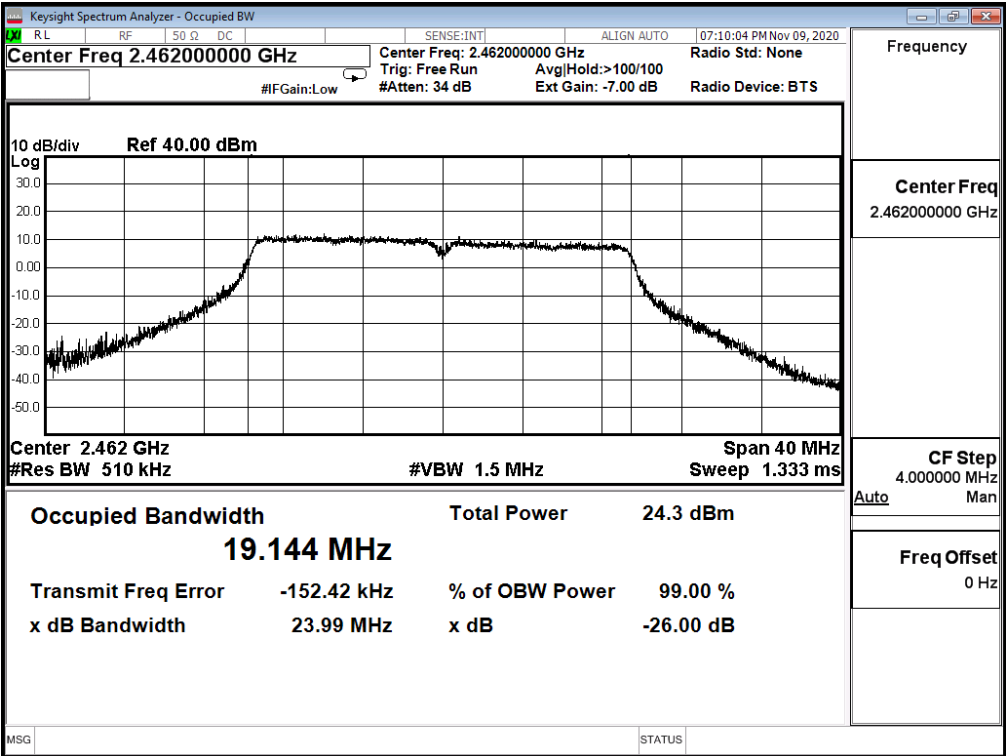
Channel 1 (2412MHz)



Channel 6 (2437MHz)



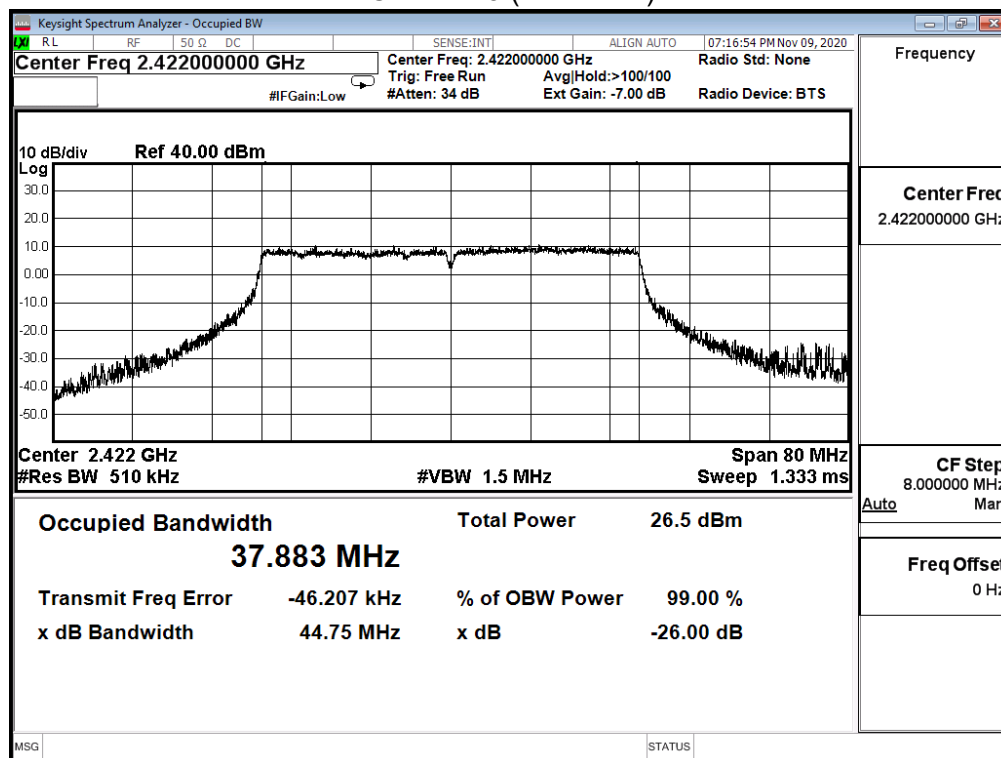
Channel 11 (2462MHz)



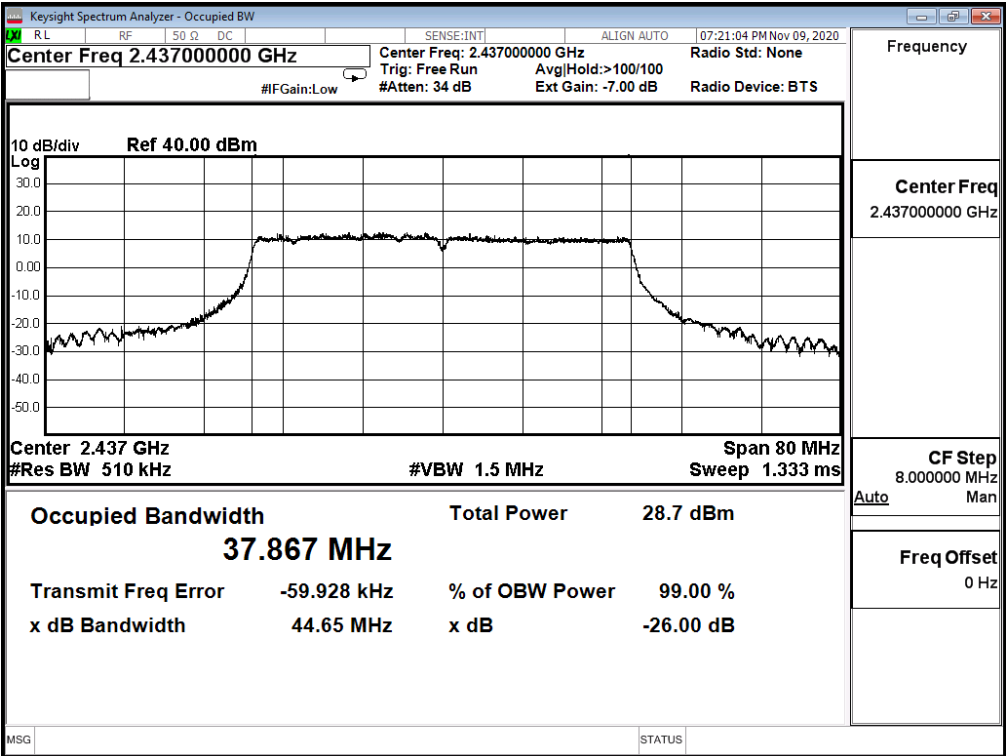
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

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	---

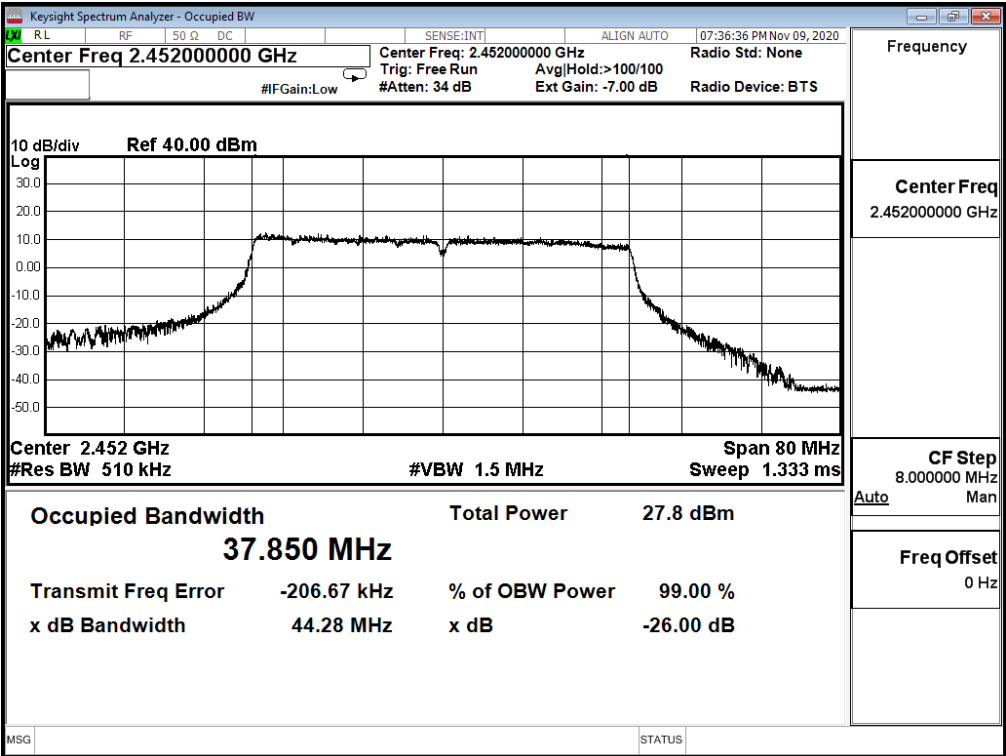
Channel 3 (2422MHz)



Channel 6 (2437MHz)



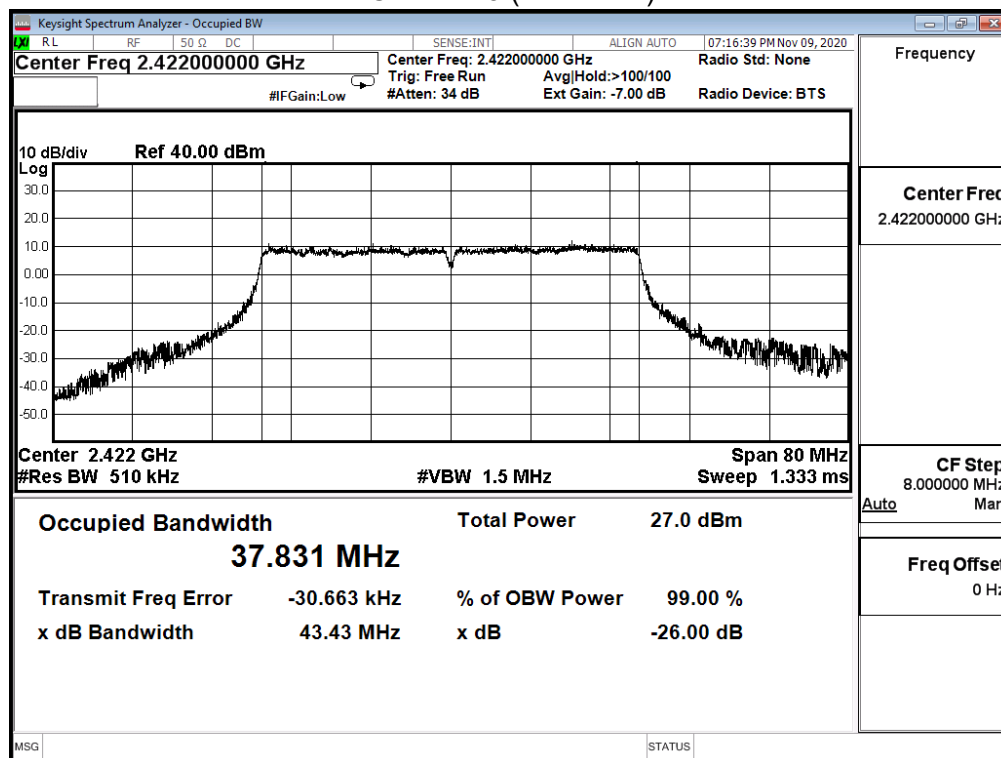
Channel 9 (2452MHz)



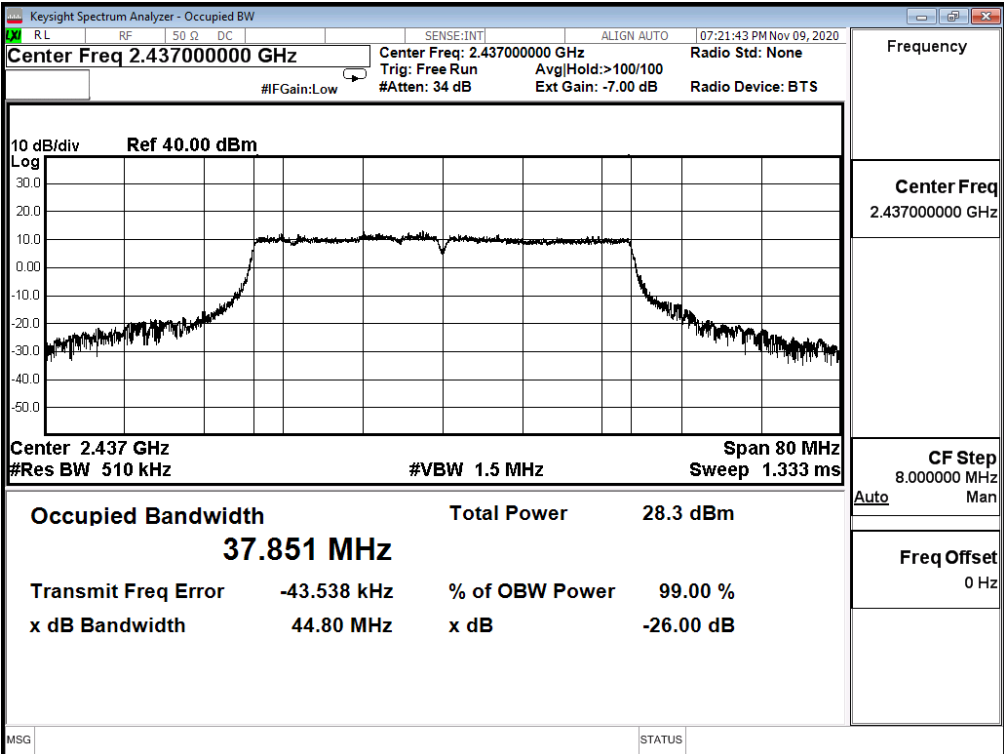
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

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	---

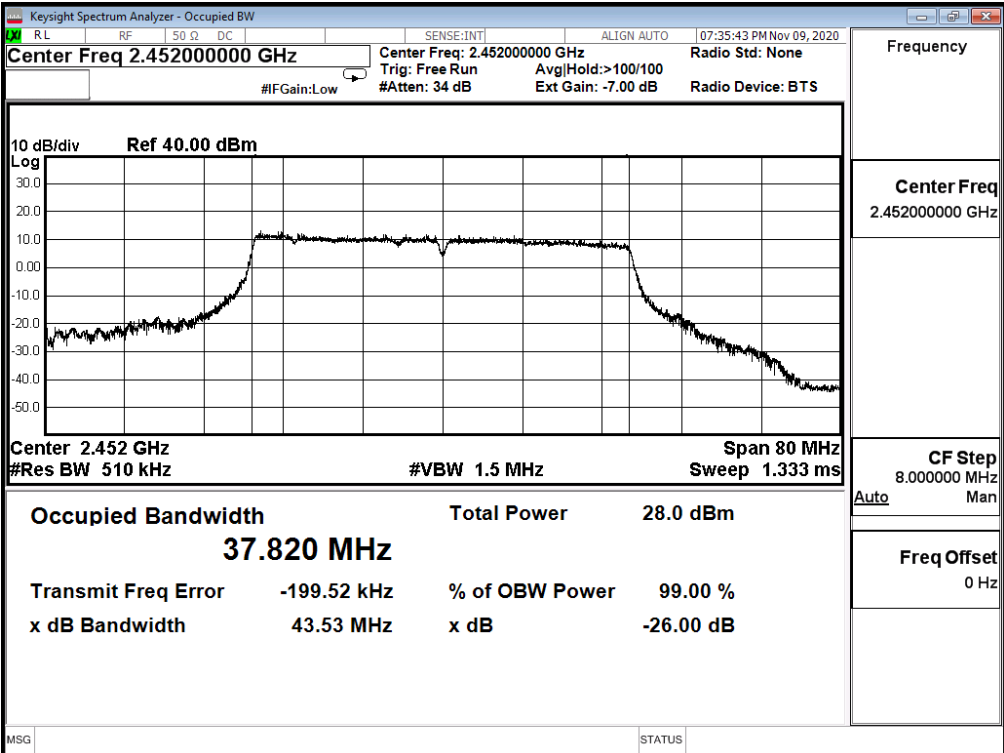
Channel 3 (2422MHz)



Channel 6 (2437MHz)



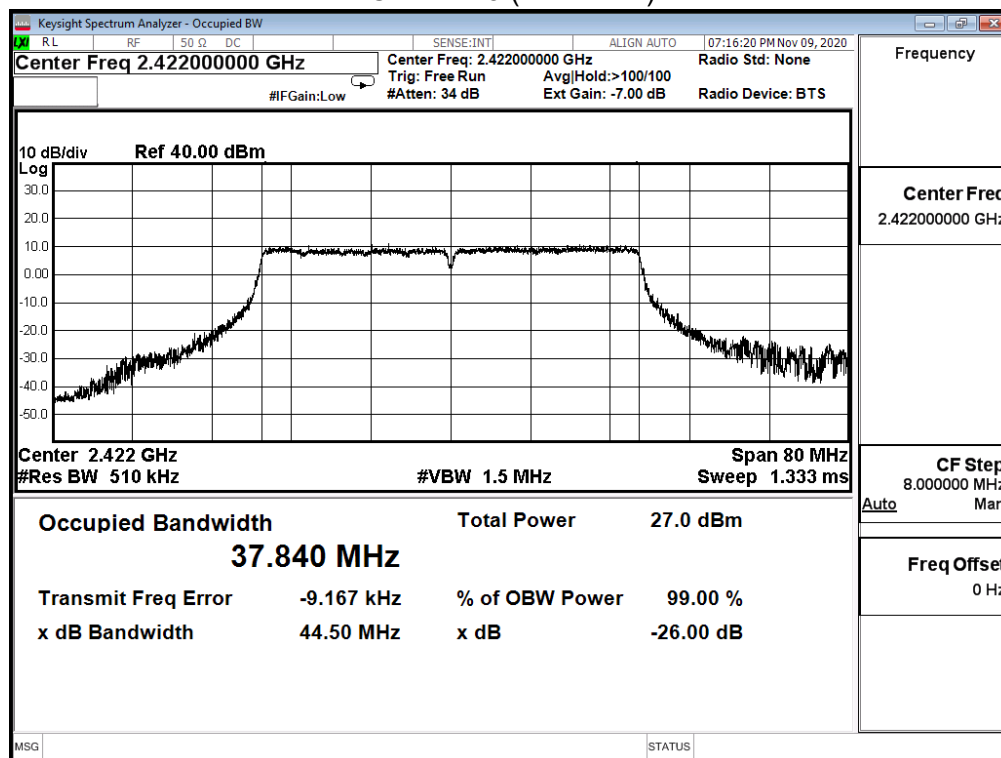
Channel 9 (2452MHz)



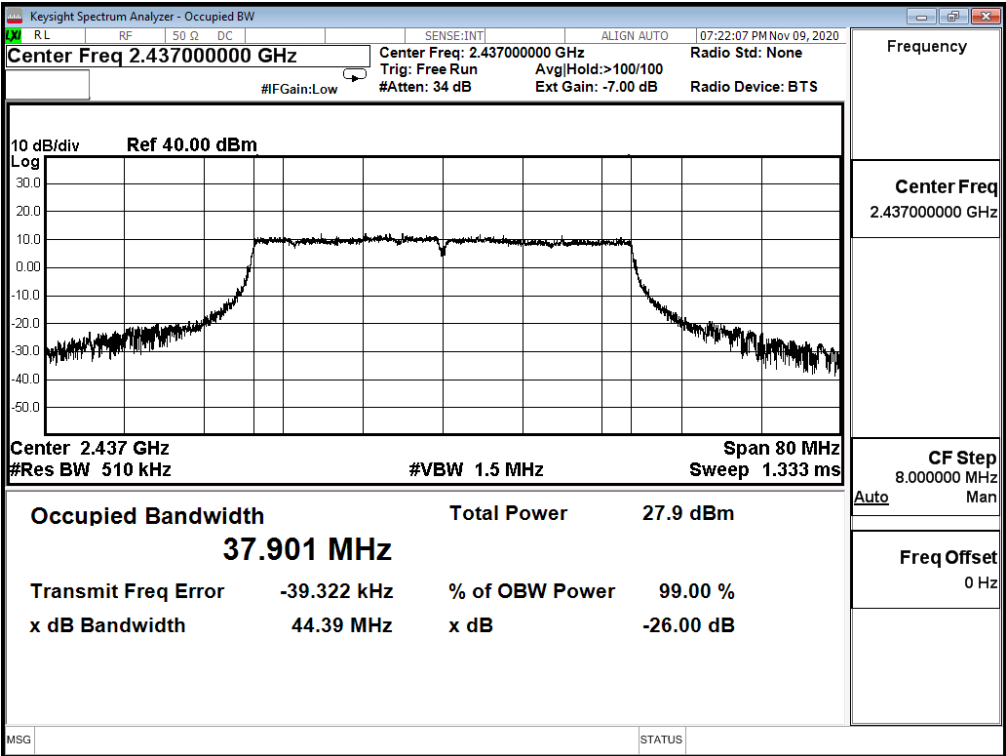
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

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	---

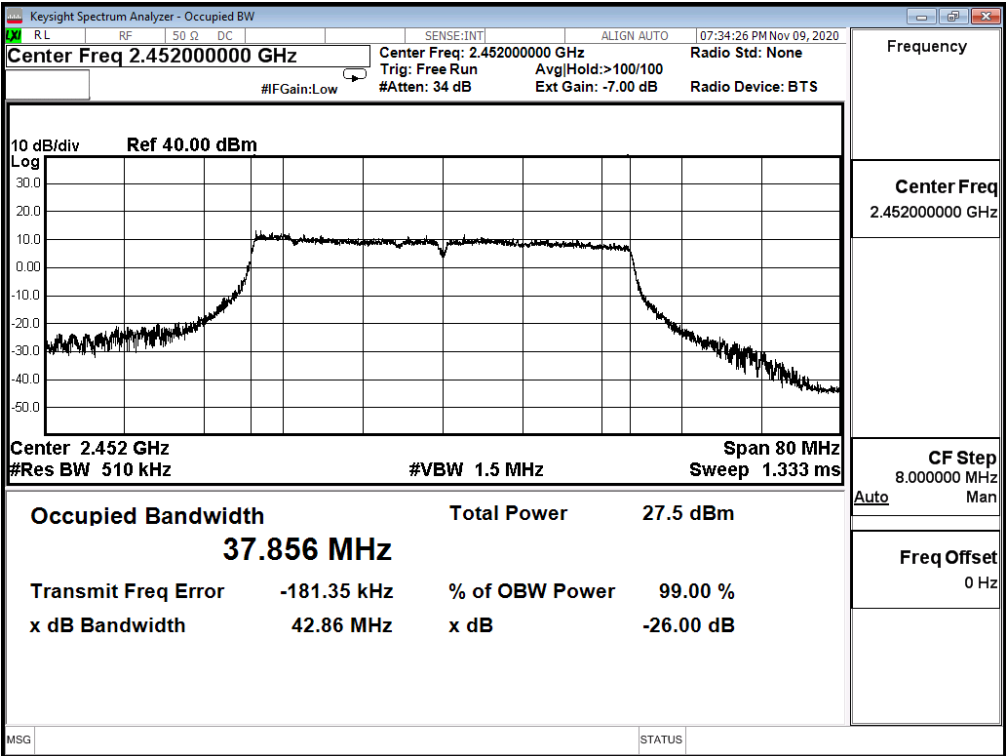
Channel 3 (2422MHz)



Channel 6 (2437MHz)



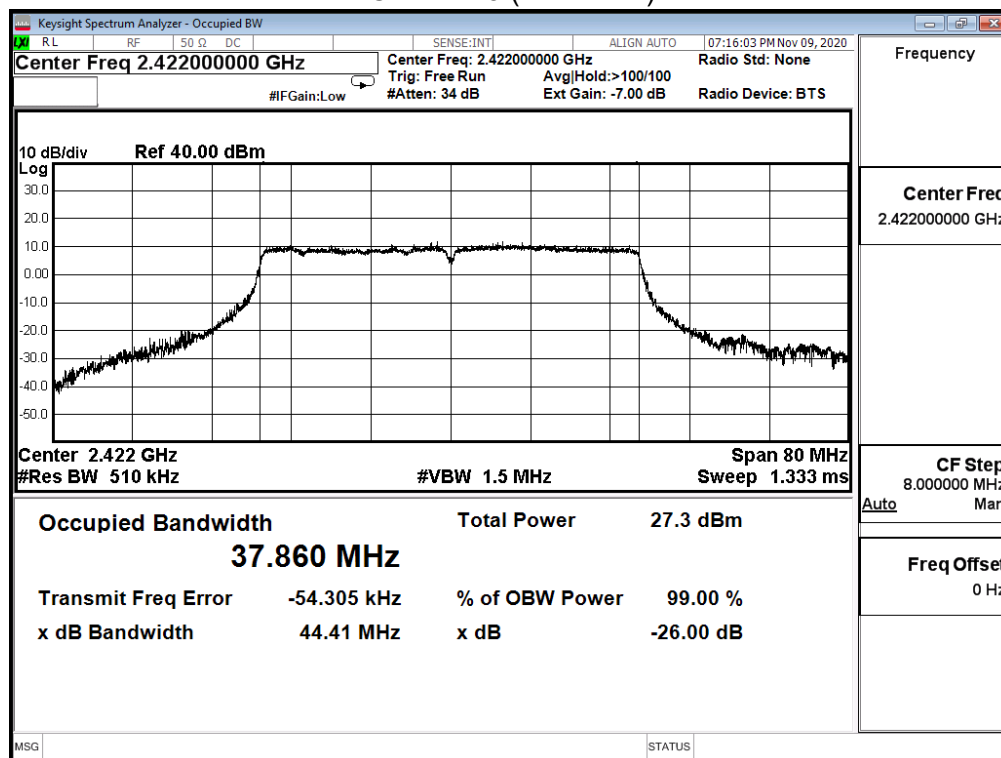
Channel 9 (2452MHz)



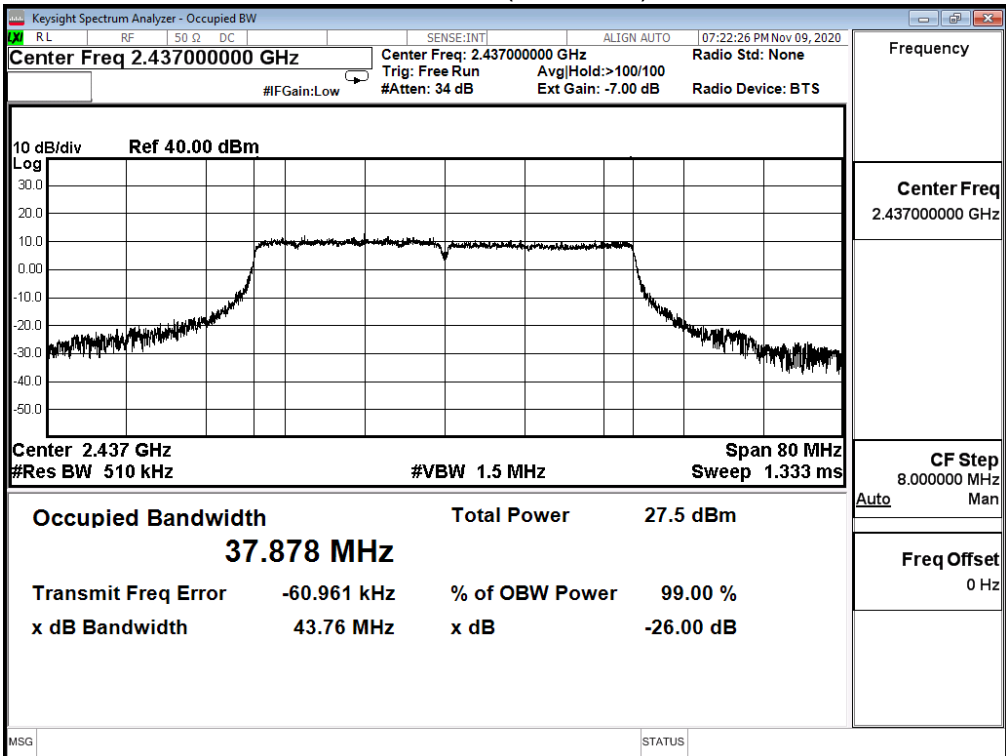
Product	Consumer Home Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	61.0%

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	---

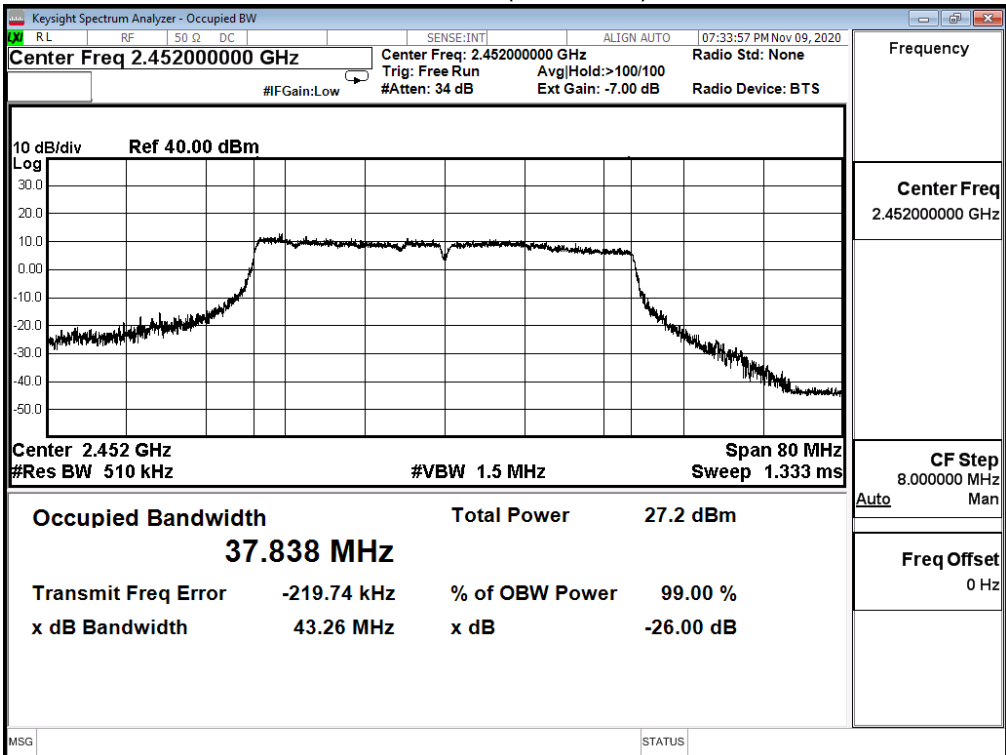
Channel 3 (2422MHz)



Channel 6 (2437MHz)

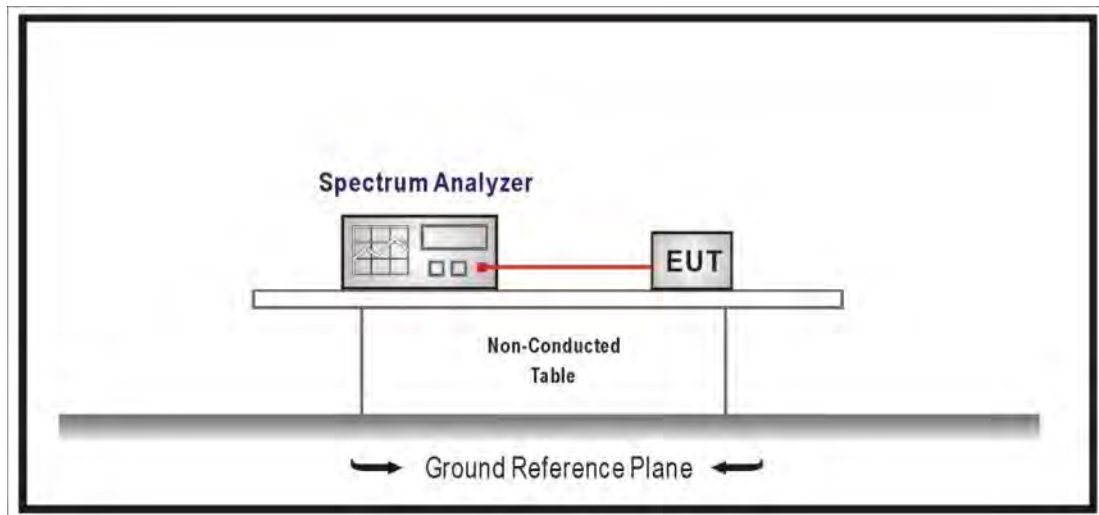


Channel 9 (2452MHz)



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

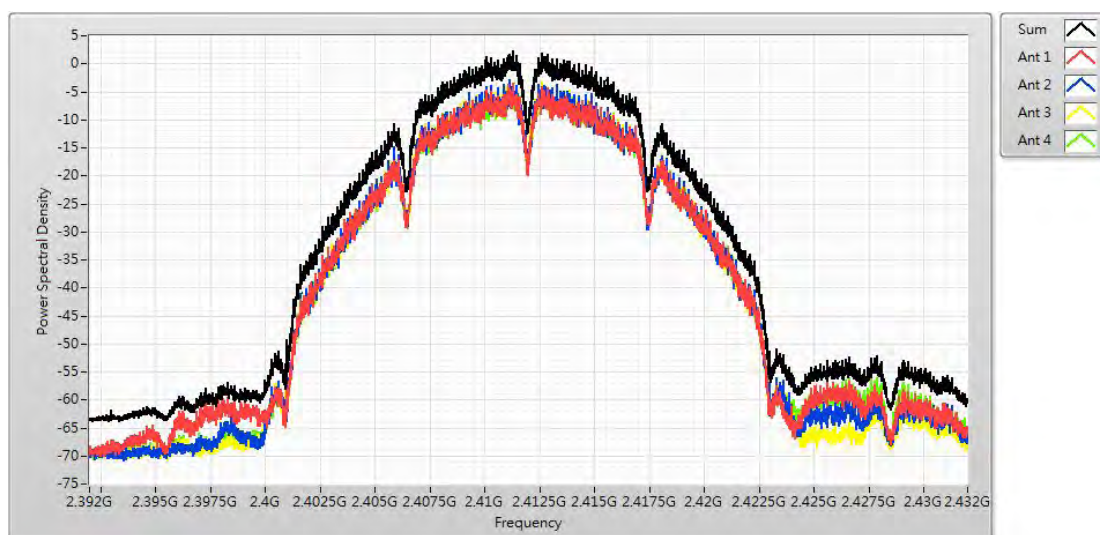
9.5. Test Result

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%

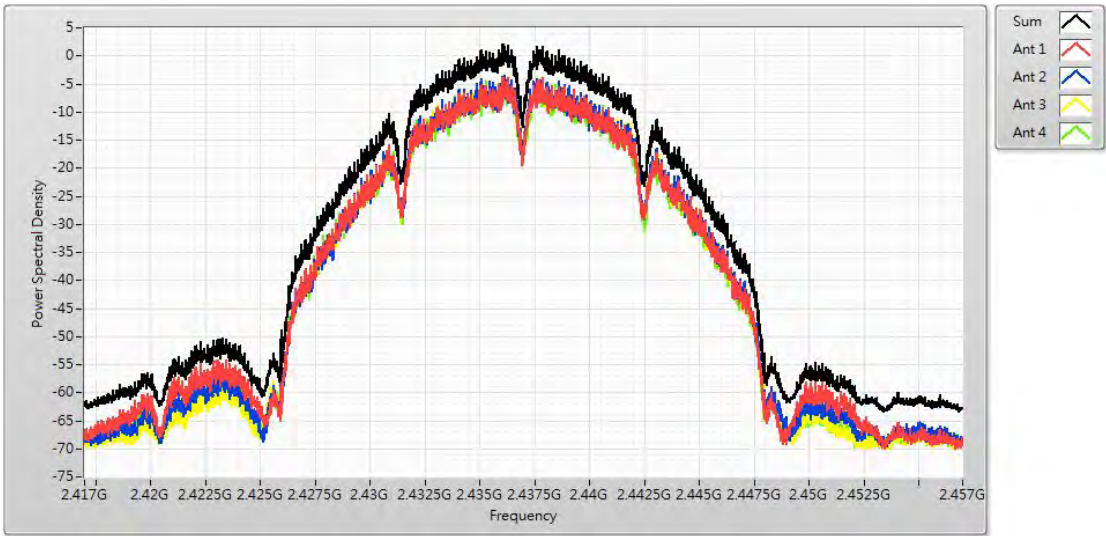
IEEE 802.11b (ANT 0+1+2+3)

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

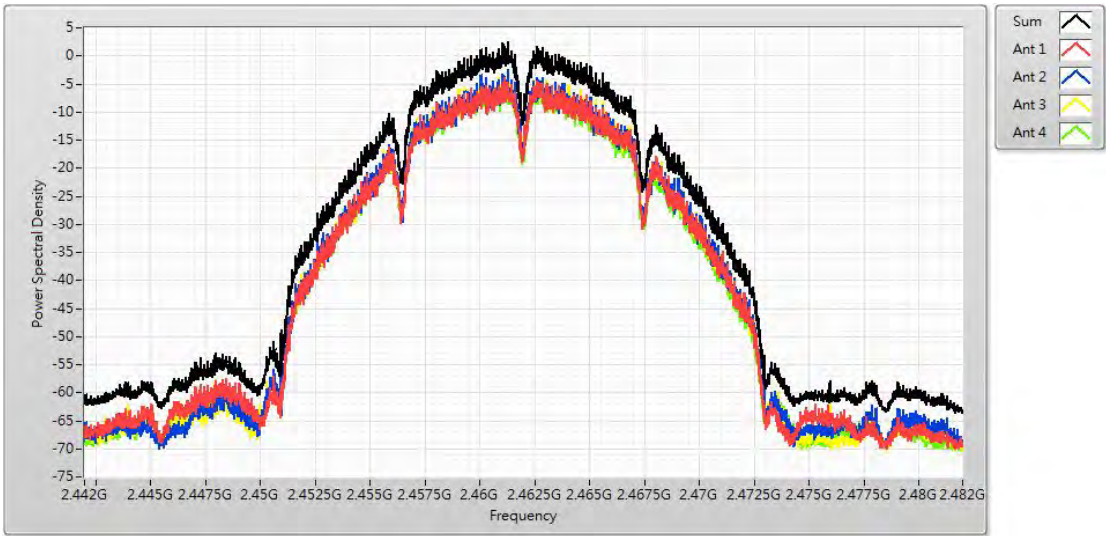
Channel 1 (2412MHz)



Channel 6 (2437MHz)



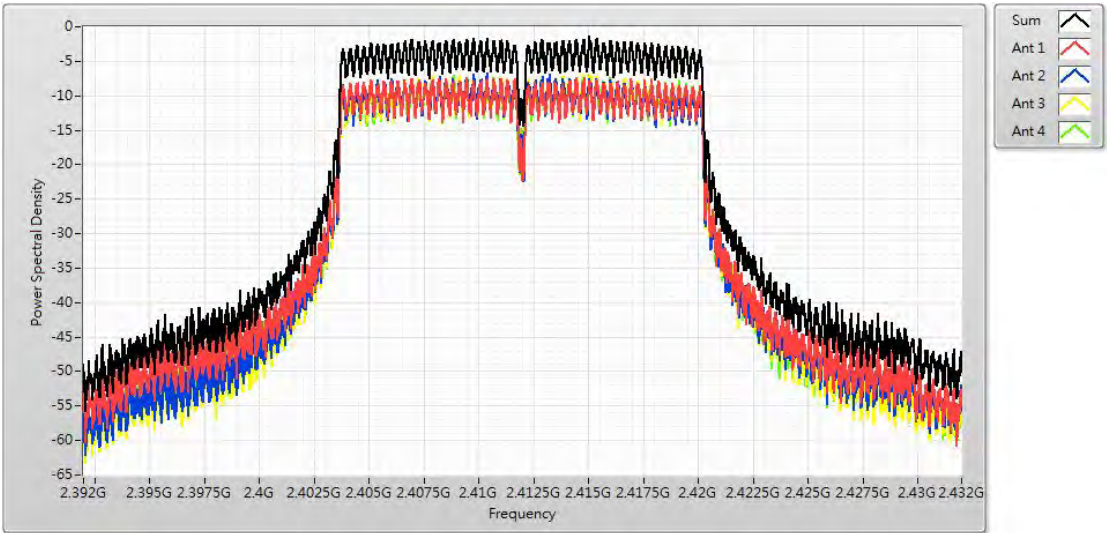
Channel 11 (2462MHz)



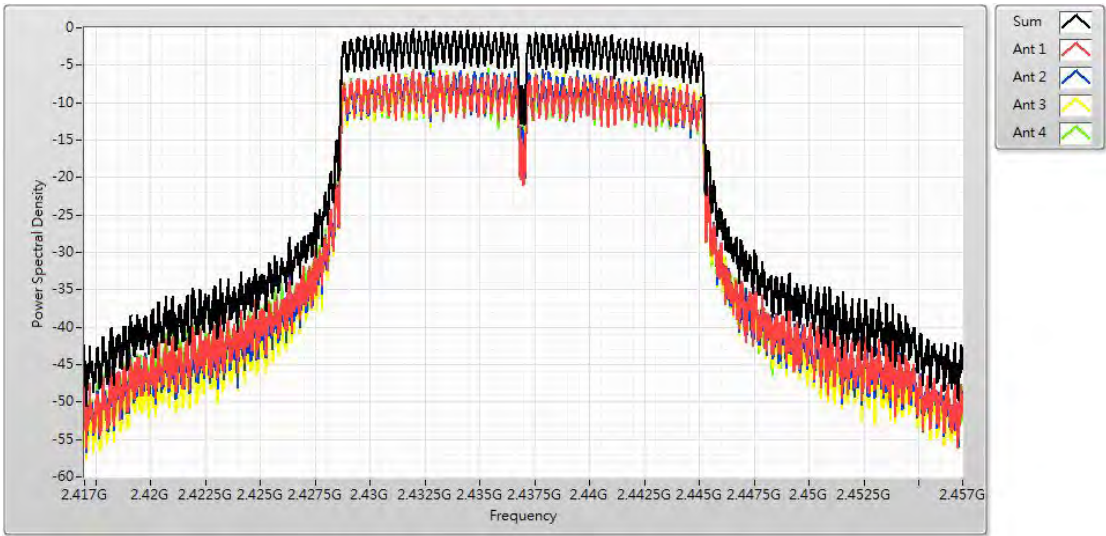
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit CDD Mode		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

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

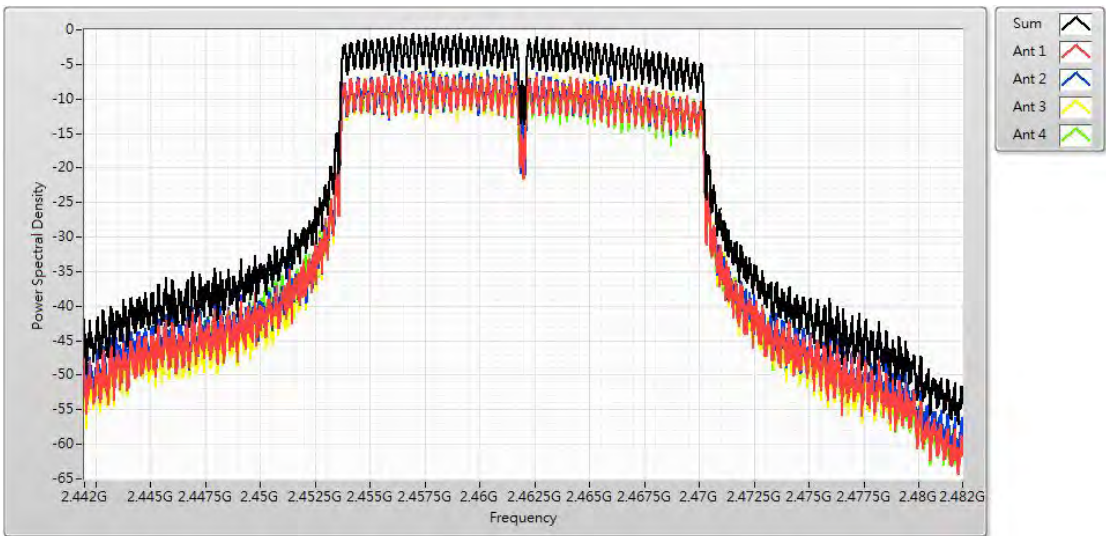
Channel 1 (2412MHz)



Channel 6 (2437MHz)



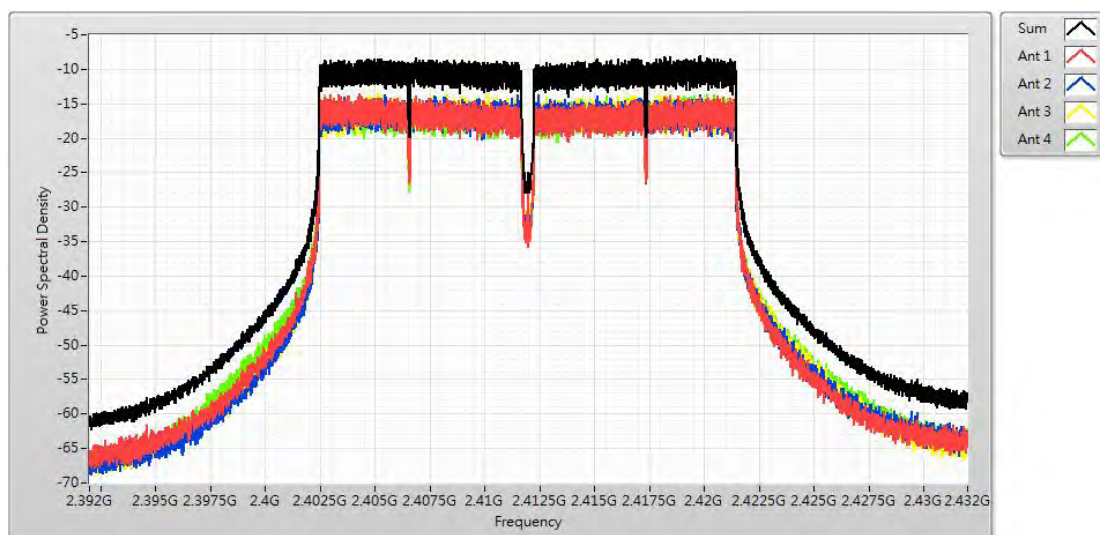
Channel 11 (2462MHz)



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

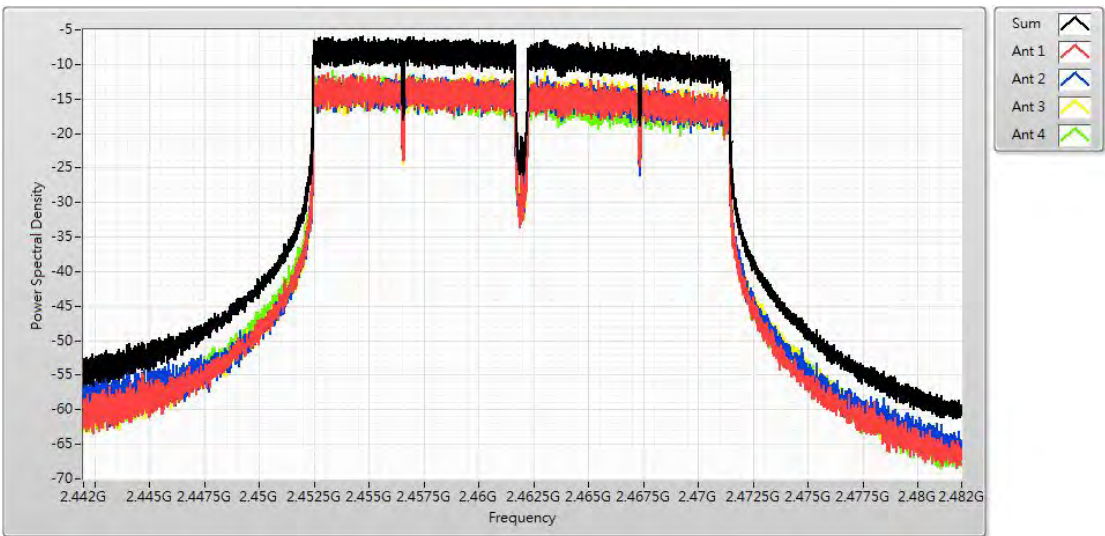
Channel 1 (2412MHz)



Channel 6 (2437MHz)



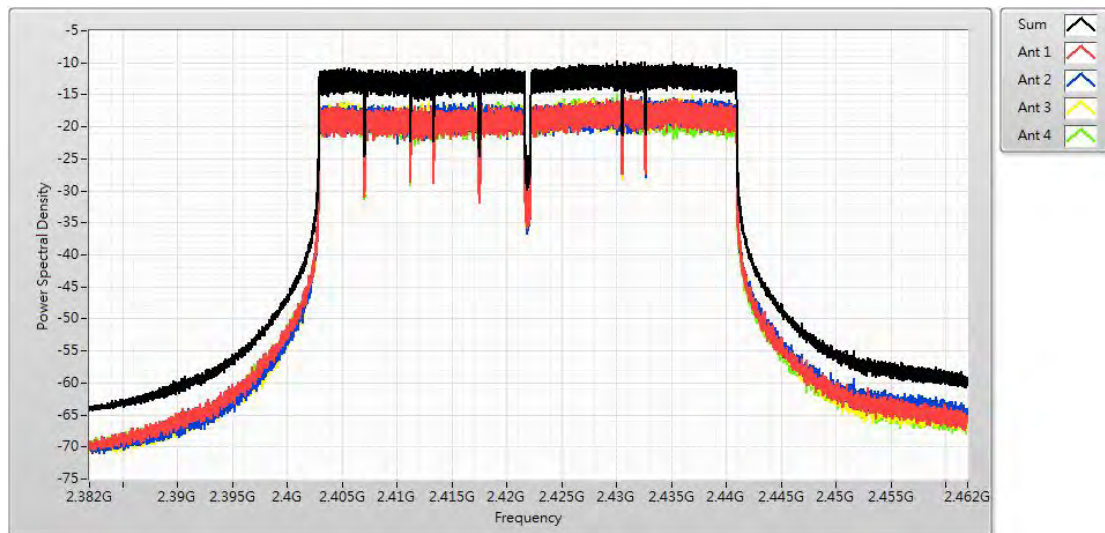
Channel 11 (2462MHz)



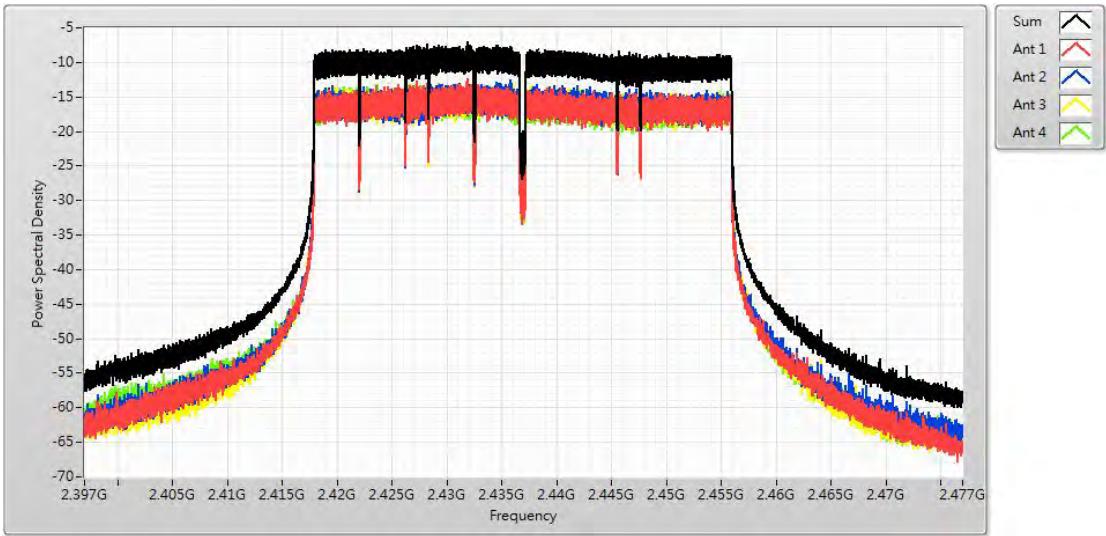
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit RU Mode_Full		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

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

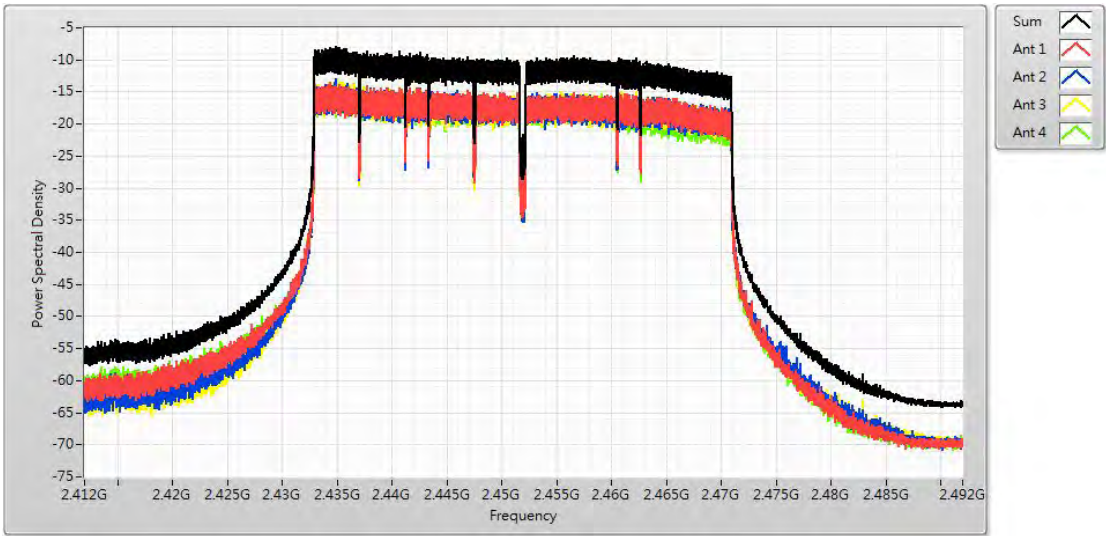
Channel 3 (2422MHz)



Channel 6 (2437MHz)



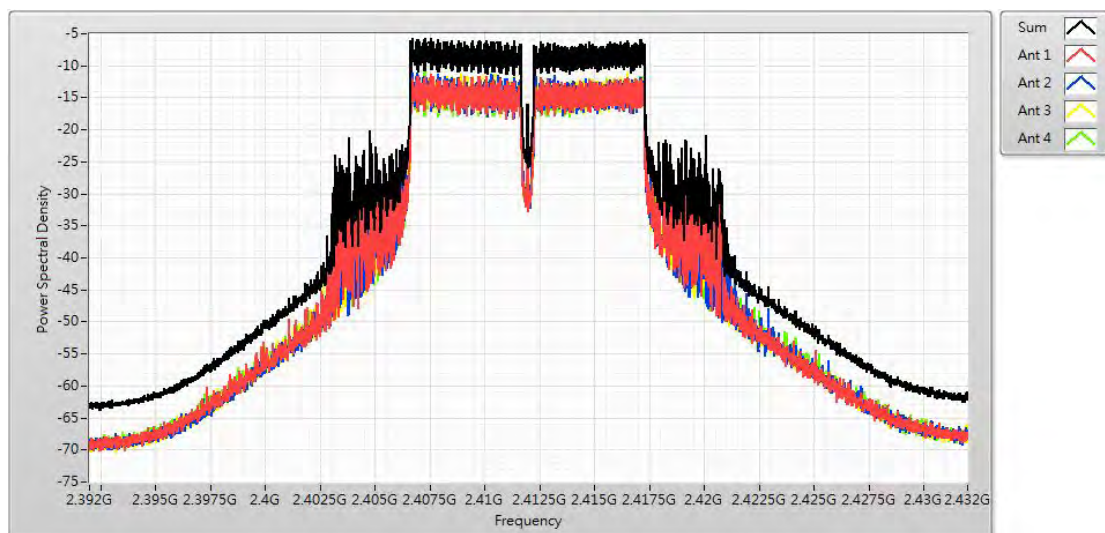
Channel 9 (2452MHz)



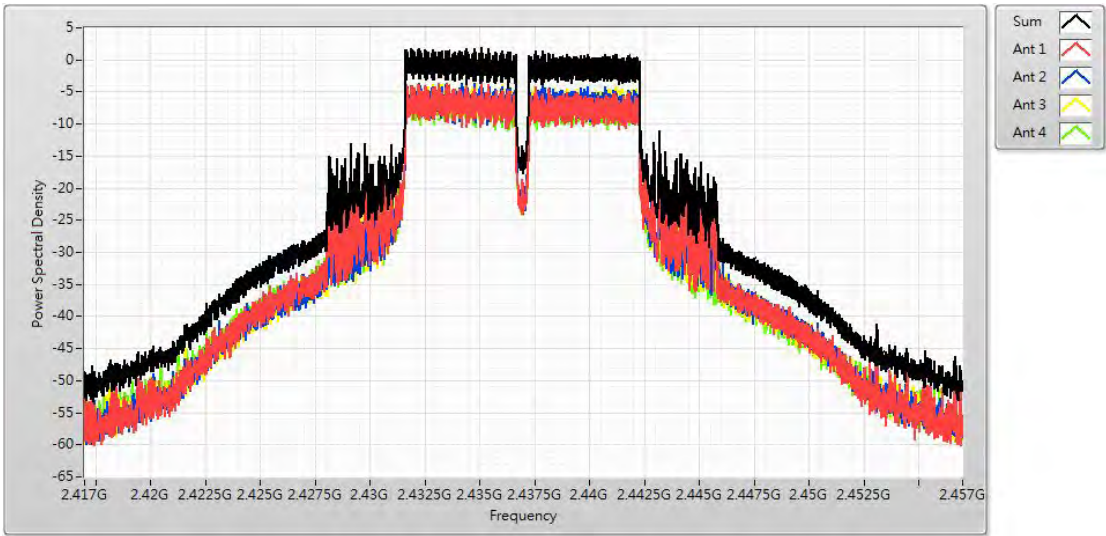
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit RU Mode_Center		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

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

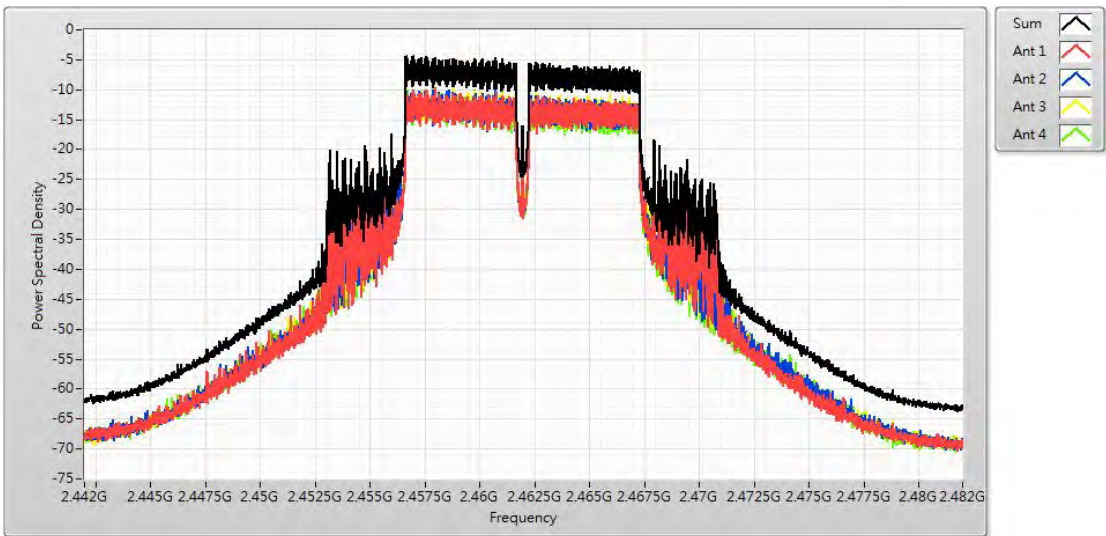
Channel 1 (2412MHz)



Channel 6 (2437MHz)



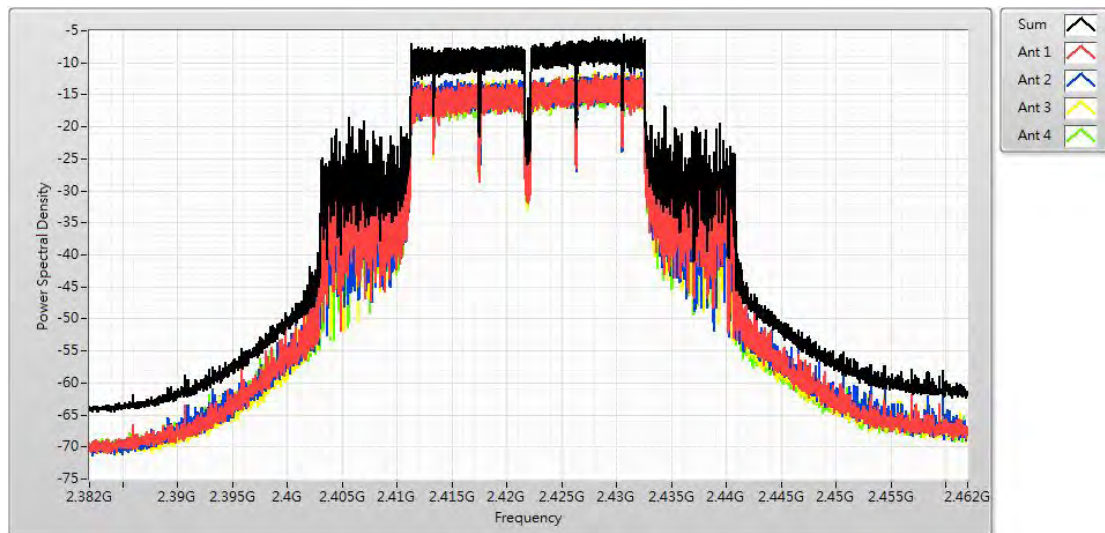
Channel 11 (2462MHz)



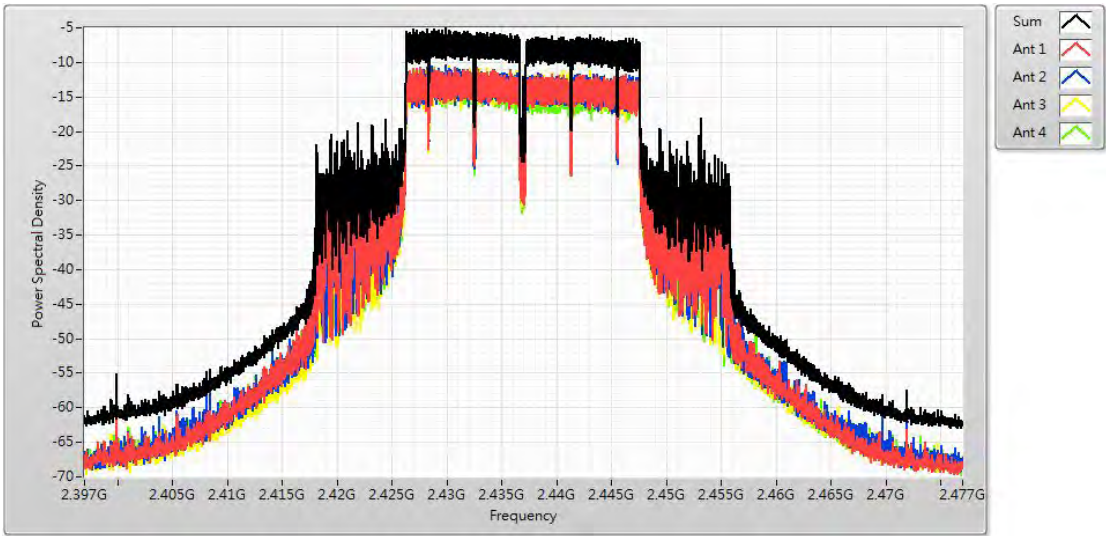
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit RU Mode_Center		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

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

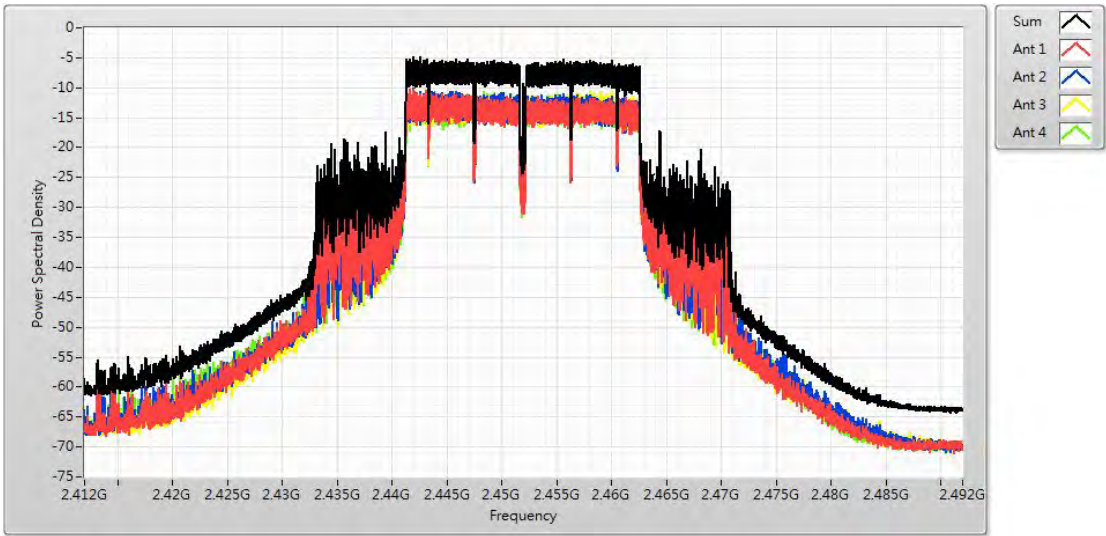
Channel 3 (2422MHz)



Channel 6 (2437MHz)



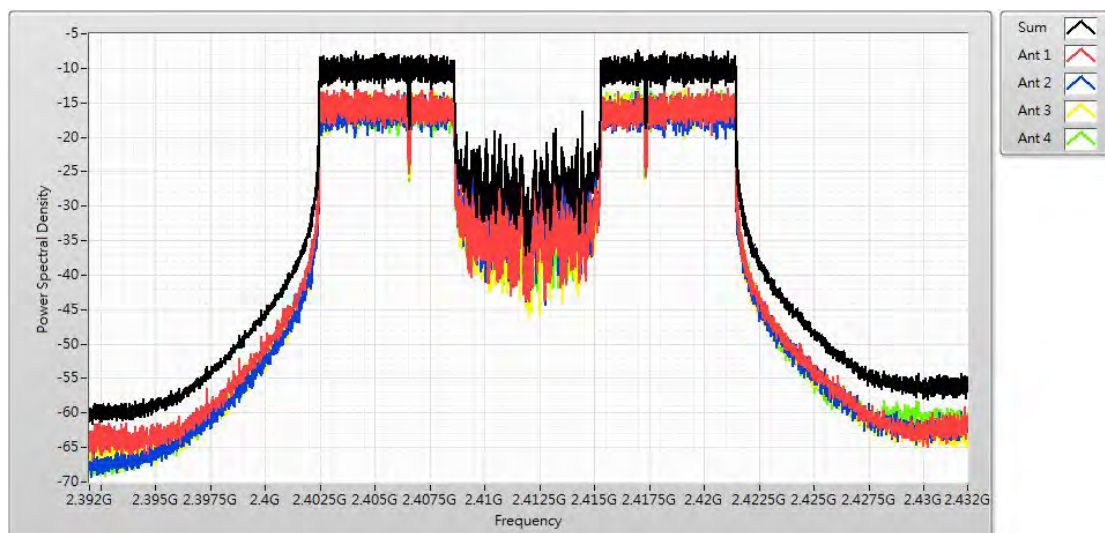
Channel 9 (2452MHz)



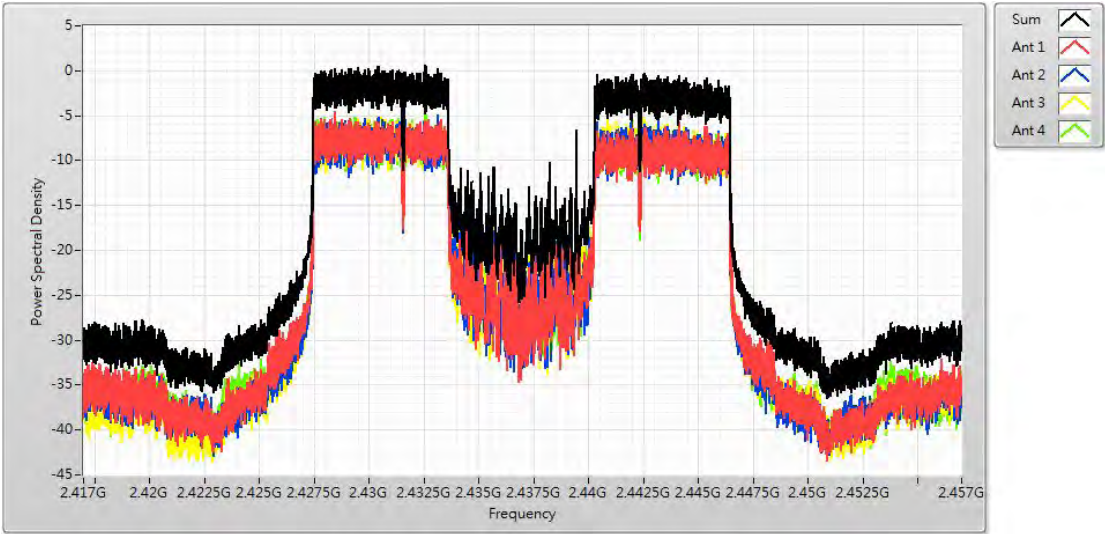
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit RU Mode_Edge		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

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

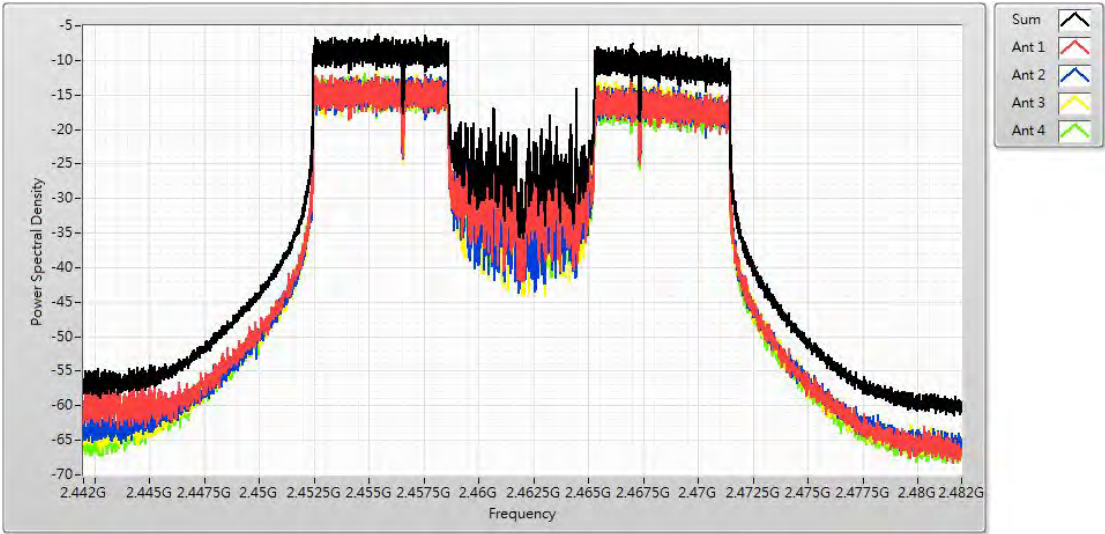
Channel 1 (2412MHz)



Channel 6 (2437MHz)



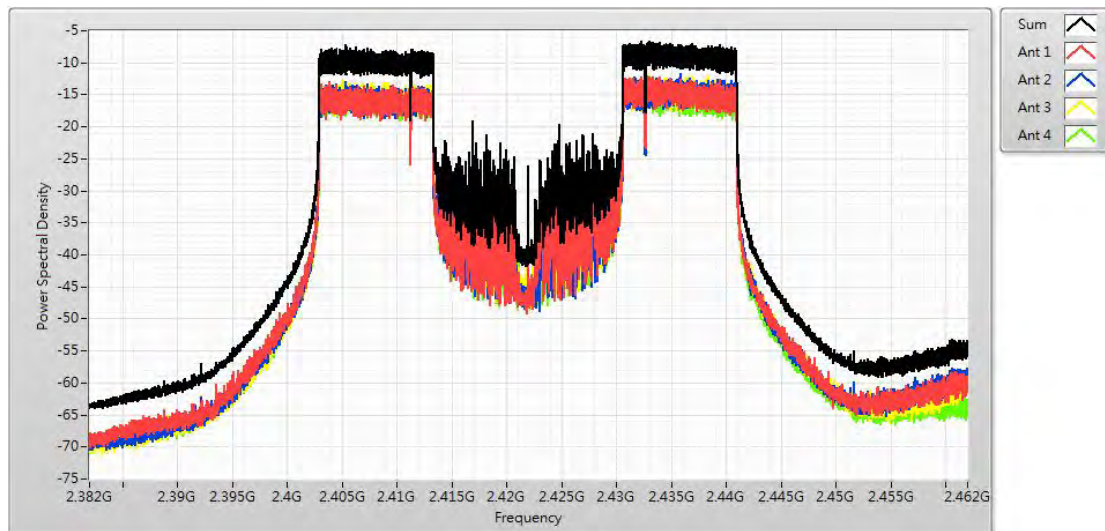
Channel 11 (2462MHz)



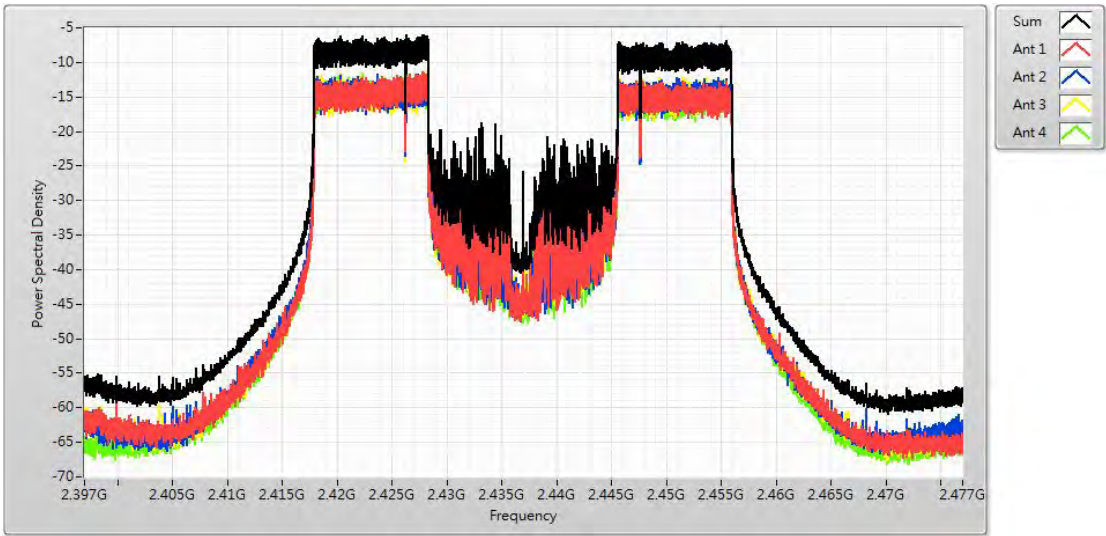
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit RU Mode_Edge		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

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

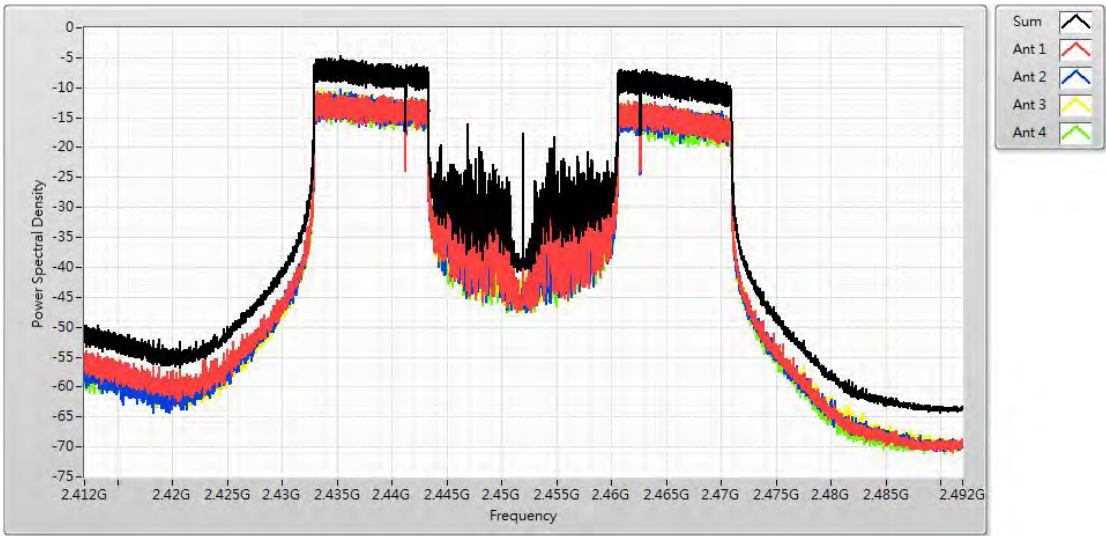
Channel 3 (2422MHz)



Channel 6 (2437MHz)



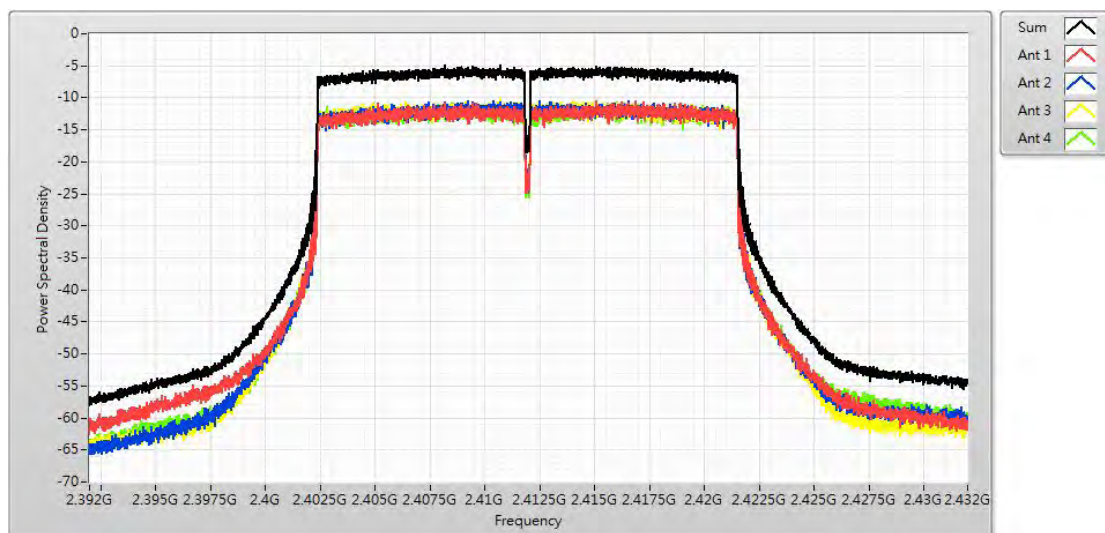
Channel 9 (2452MHz)



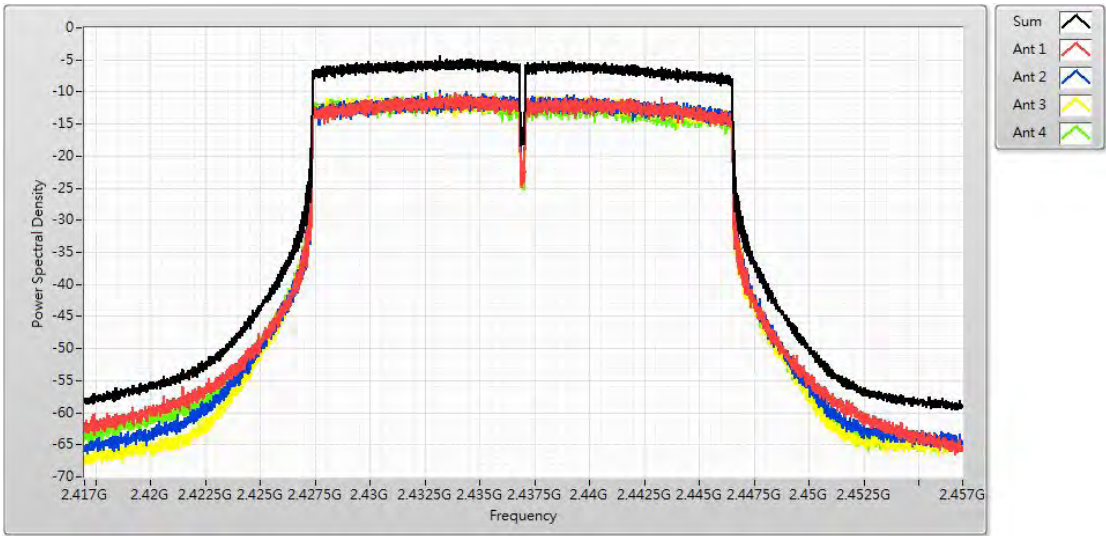
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 3: Transmit Beamforming Mode		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

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

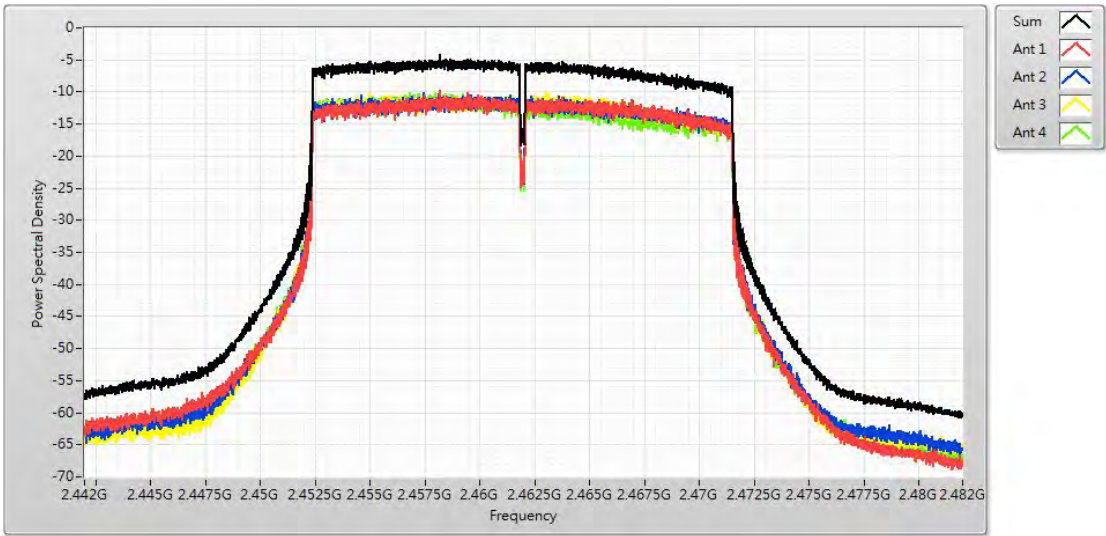
Channel 1 (2412MHz)



Channel 6 (2437MHz)



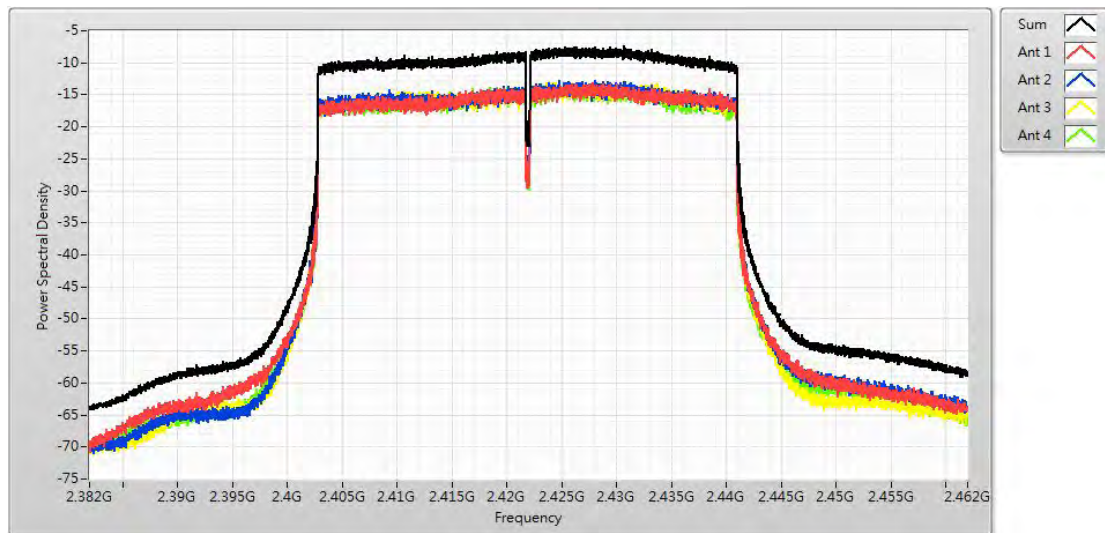
Channel 11 (2462MHz)



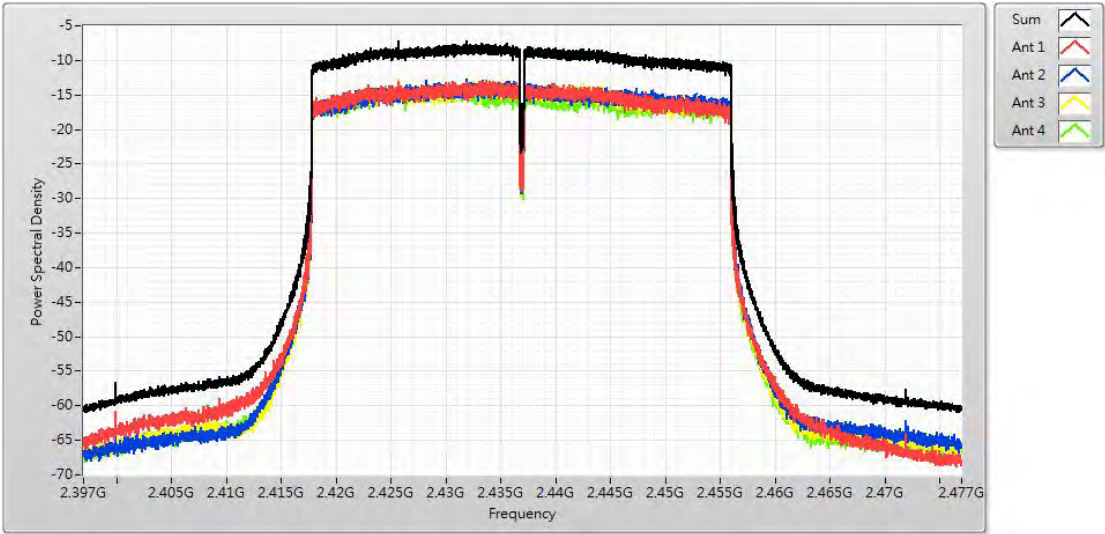
Product	Consumer Home Router		
Test Item	Power Density		
Test Mode	Mode 3: Transmit Beamforming Mode		
Date of Test	2020/11/10	Test Site	SR12-H
Test Temperature	22.0°C	Test Humidity	63.0%

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)

