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### 1. Maximum peak conducted output power

Channel (mode) SISO	Channel Frequency (MHz)	RF Output Power (Ant0)		Limit (mW)	Result
		dBm	mW		
1 (802.11b)	2412	15.24	33.42	1000	Pass
6 (802.11b)	2437	14.98	31.48	1000	Pass
11 (802.11b)	2462	14.62	28.97	1000	Pass
1 (802.11g)	2412	19.11	81.47	1000	Pass
6 (802.11g)	2437	18.73	74.64	1000	Pass
11 (802.11g)	2462	18.79	75.68	1000	Pass
1 (802.11n-HT20)	2412	16.70	46.77	1000	Pass
6 (802.11n-HT20)	2437	16.72	46.99	1000	Pass
11 (802.11n-HT20)	2462	16.84	48.31	1000	Pass
3 (802.11n-HT40)	2422	16.70	46.77	1000	Pass
6 (802.11n-HT40)	2437	15.76	37.67	1000	Pass
9 (802.11n-HT40)	2452	17.73	59.29	1000	Pass

Channel (mode) MIMO	Channel Frequency (MHz)	RF Output Power (Ant0+Ant1)					Limit (mW)	Result
		dBm		mW		Total (mW)		
		Ant0	Ant1	Ant0	Ant1			
1 (802.11n-HT20)	2412	16.74	16.59	47.21	45.60	92.81	1000	Pass
6 (802.11n-HT20)	2437	16.69	17.09	46.67	51.17	97.83	1000	Pass
11 (802.11n-HT20)	2462	16.79	16.68	47.75	46.56	94.31	1000	Pass
3 (802.11n-HT40)	2422	16.78	16.59	47.64	45.60	93.25	1000	Pass
6 (802.11n-HT40)	2437	15.85	17.09	38.46	51.17	89.63	1000	Pass
9 (802.11n-HT40)	2452	17.63	16.68	57.94	46.56	104.50	1000	Pass

Note: The maximum peak conducted output power measured using a broadband peak RF power meter.

## 2. 6dB Bandwidth and 99% Bandwidth

### 2.1 Test Datas of 6dB Bandwidth

Channel (mode)	Channel Frequency (MHz)	6dB Bandwidth (MHz)		Limit (MHz)	Result
		Ant0	Ant1		
1 (802.11b)	2412	10.10		>0.5	Pass
6 (802.11b)	2437	10.09		>0.5	Pass
11 (802.11b)	2462	10.07		>0.5	Pass
1 (802.11g)	2412	16.07		>0.5	Pass
6 (802.11g)	2437	15.91		>0.5	Pass
11 (802.11g)	2462	16.14		>0.5	Pass
1 (802.11n-HT20)	2412	17.04		>0.5	Pass
6 (802.11n-HT20)	2437	16.89		>0.5	Pass
11 (802.11n-HT20)	2462	16.94		>0.5	Pass
3 (802.11n-HT40)	2422	35.59		>0.5	Pass
6 (802.11n-HT40)	2437	35.45		>0.5	Pass
9 (802.11n-HT40)	2452	35.40		>0.5	Pass

Channel (mode)	Channel Frequency (MHz)	6dB Bandwidth (MHz)		Limit (MHz)	Result
		Ant0	Ant1		
1 (802.11n-HT20)	2412	16.98	16.66	>0.5	Pass
6 (802.11n-HT20)	2437	16.30	16.98	>0.5	Pass
11 (802.11n-HT20)	2462	16.94	16.94	>0.5	Pass
3 (802.11n-HT40)	2422	35.23	35.53	>0.5	Pass
6 (802.11n-HT40)	2437	35.21	35.26	>0.5	Pass
9 (802.11n-HT40)	2452	35.26	35.29	>0.5	Pass

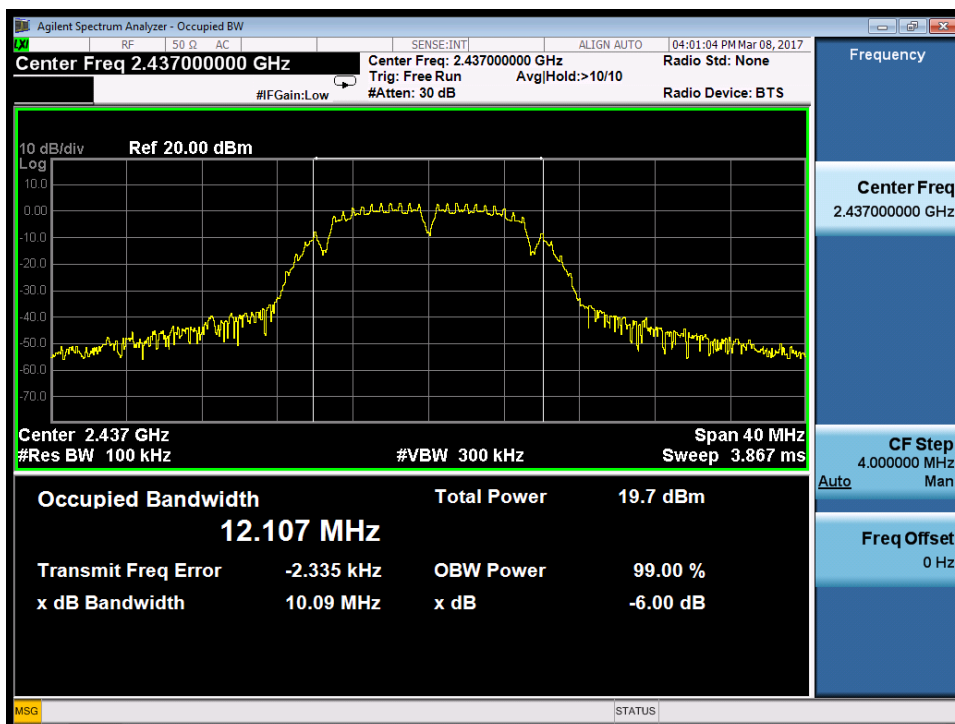
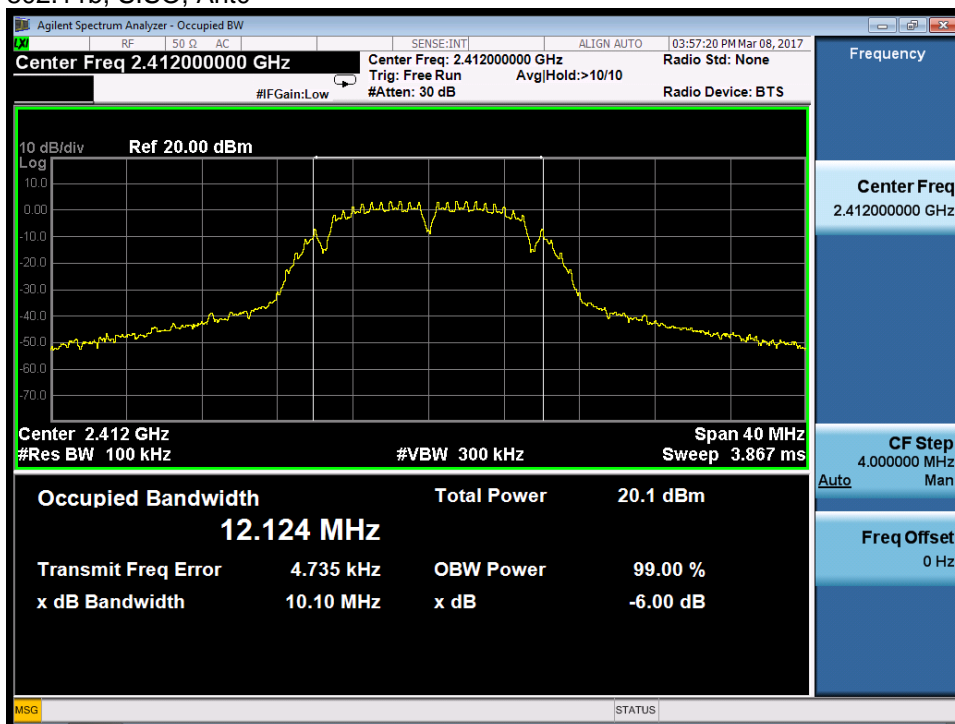
### 2.2 Test Datas of 99% Bandwidth

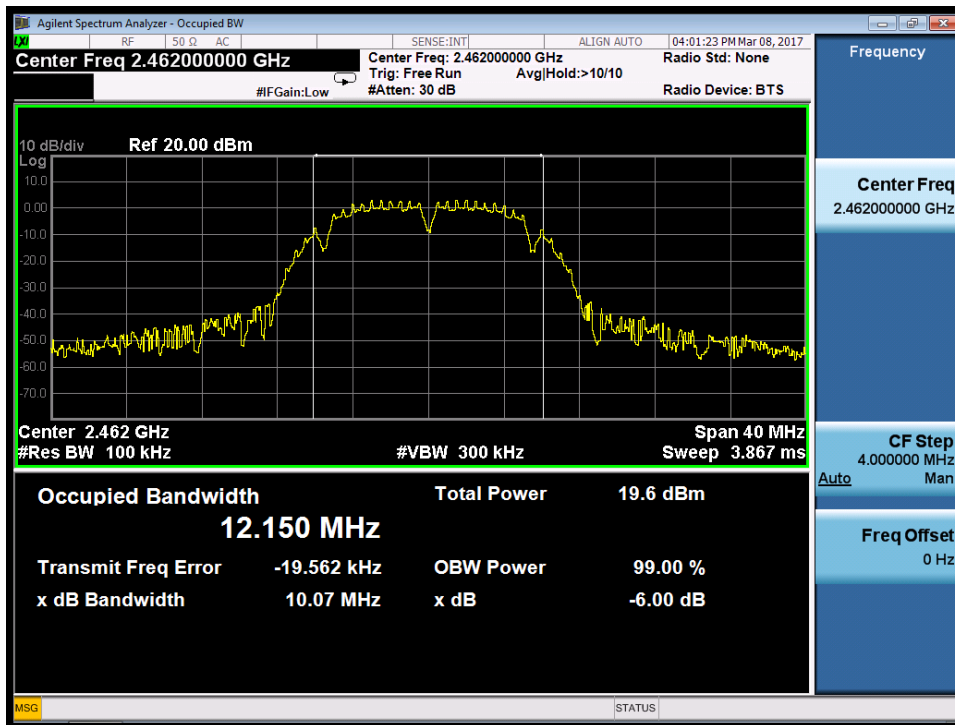
Channel (mode)	Channel Frequency (MHz)	99% Bandwidth (MHz)	
		Ant0	Ant1
1 (802.11b)	2412	12.175	
6 (802.11b)	2437	12.159	
11 (802.11b)	2462	12.167	
1 (802.11g)	2412	16.582	
6 (802.11g)	2437	16.561	
11 (802.11g)	2462	16.570	
1 (802.11n-HT20)	2412	17.622	
6 (802.11n-HT20)	2437	17.607	
11 (802.11n-HT20)	2462	17.611	
3 (802.11n-HT40)	2422	35.90	
6 (802.11n-HT40)	2437	36.23	
9 (802.11n-HT40)	2452	36.173	

Channel (mode)	Channel Frequency (MHz)	99% Bandwidth (MHz)	
		Ant0	Ant1
1 (802.11n-HT20)	2412	17.598	17.598
6 (802.11n-HT20)	2437	17.631	17.606
11 (802.11n-HT20)	2462	17.608	17.600
3 (802.11n-HT40)	2422	36.107	36.195
6 (802.11n-HT40)	2437	36.181	36.142
9 (802.11n-HT40)	2452	36.175	36.184

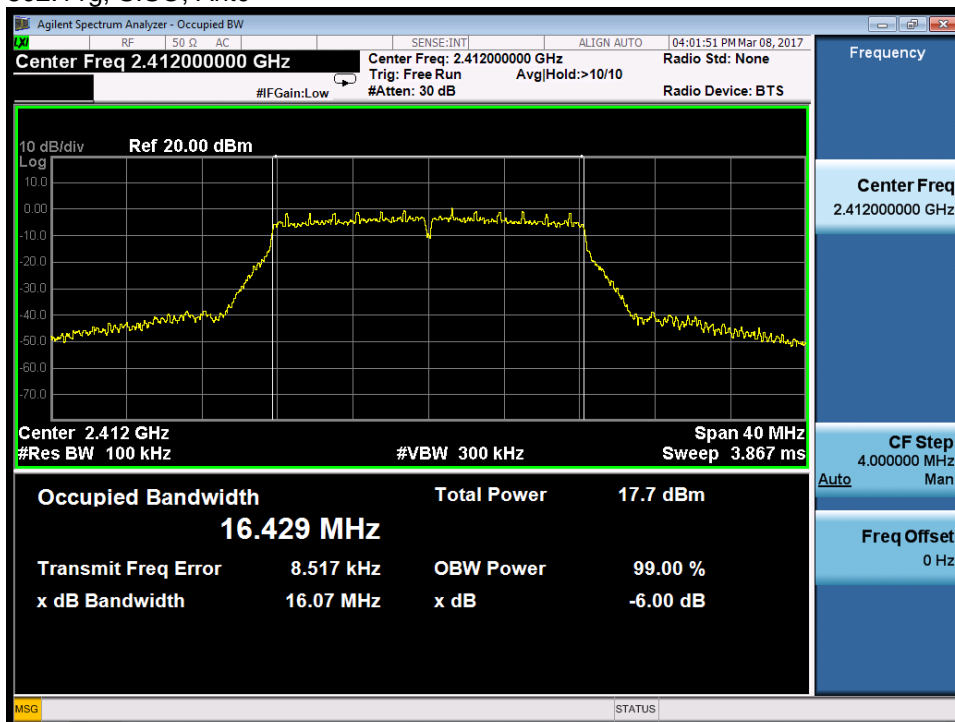
### 2.3 Test Graphs of 6dB Bandwidth

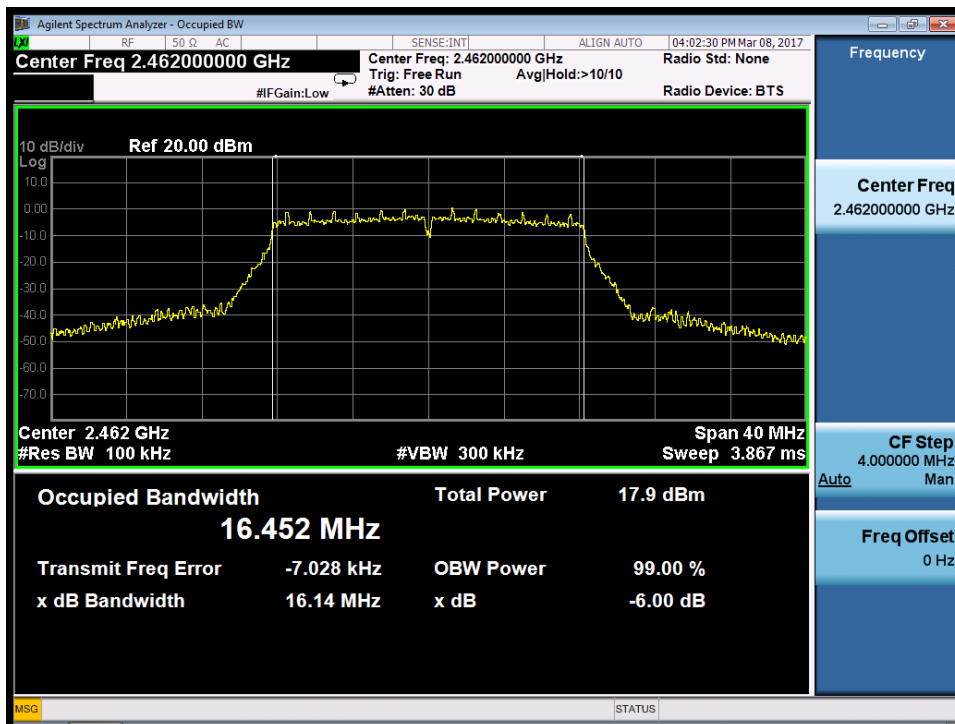
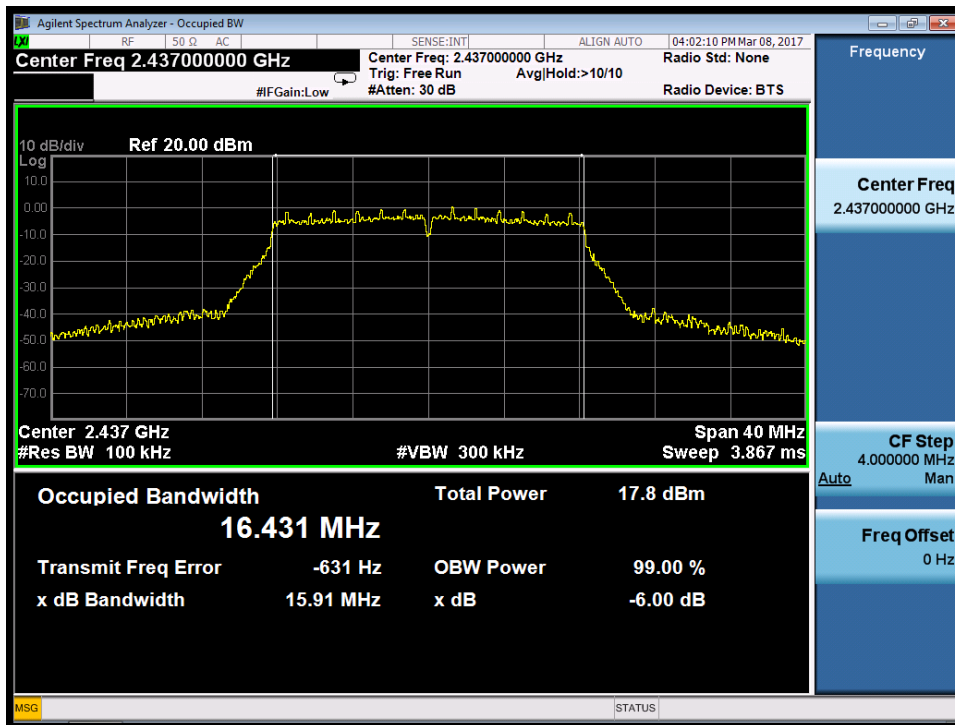
#### 802.11b, SISO, Ant0





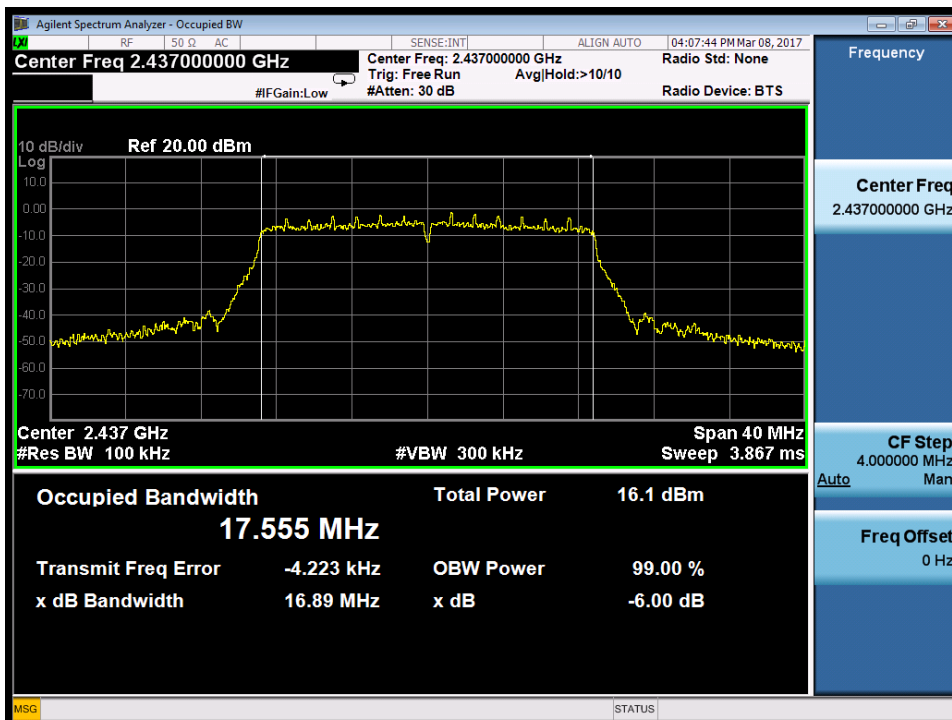
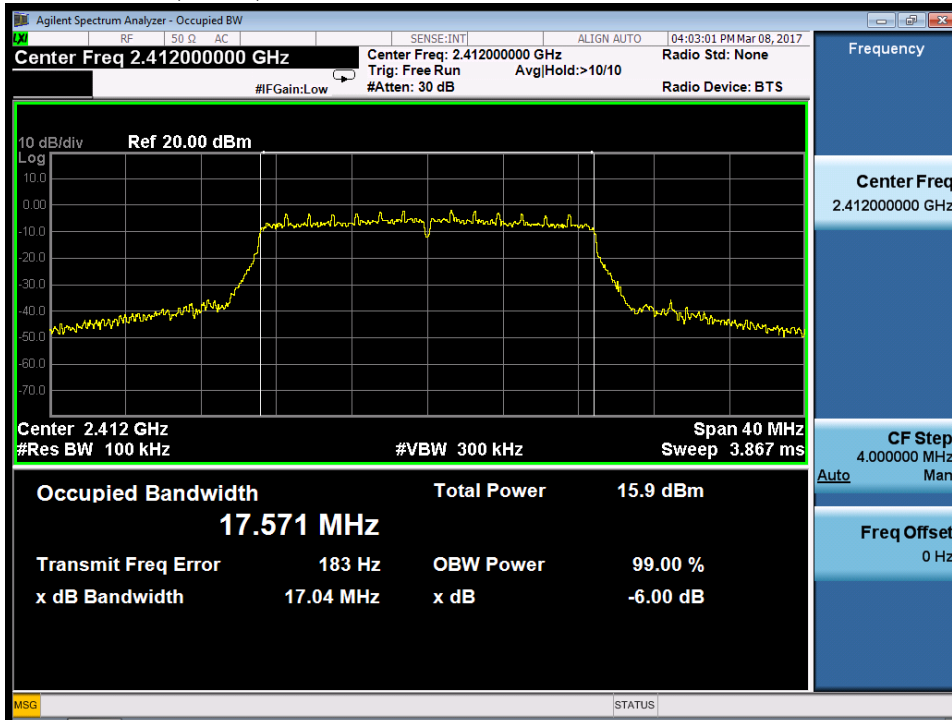
802.11g, SISO, Ant0





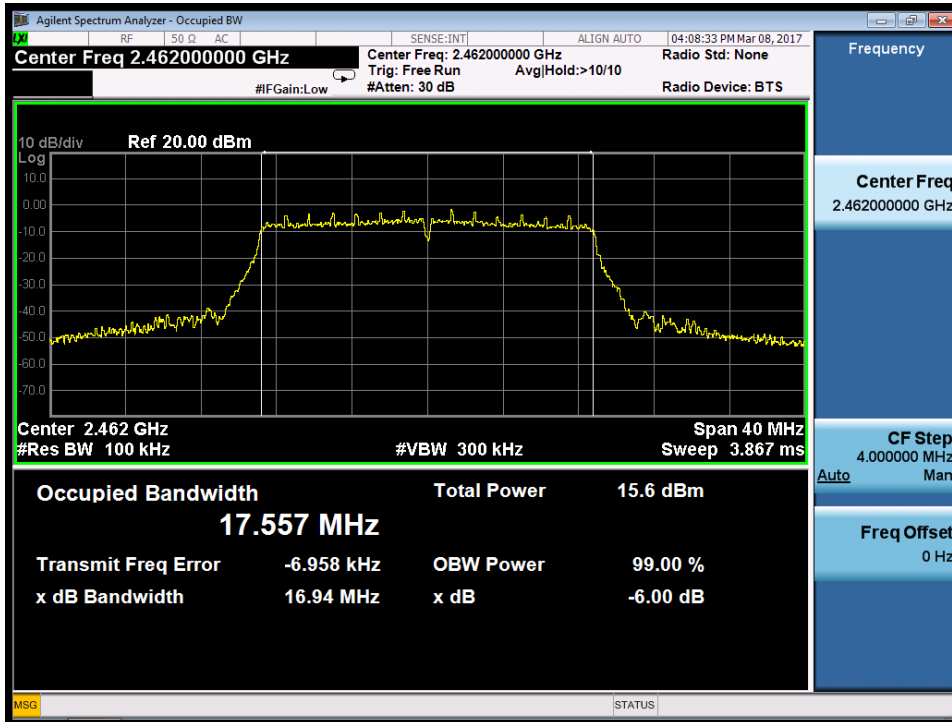
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802.11n-HT20, SISO, Ant0

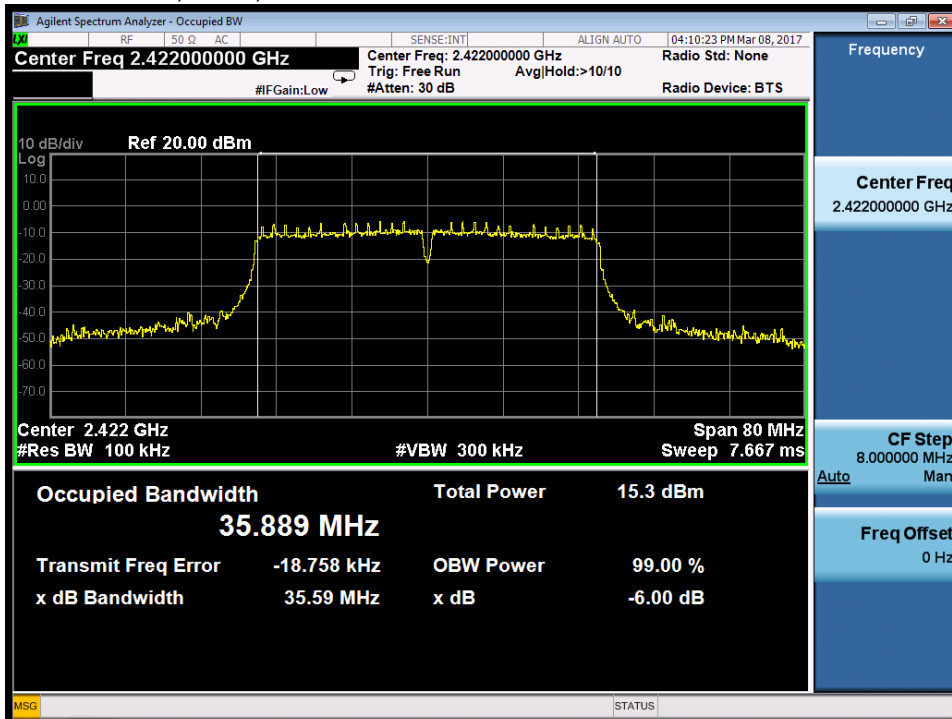


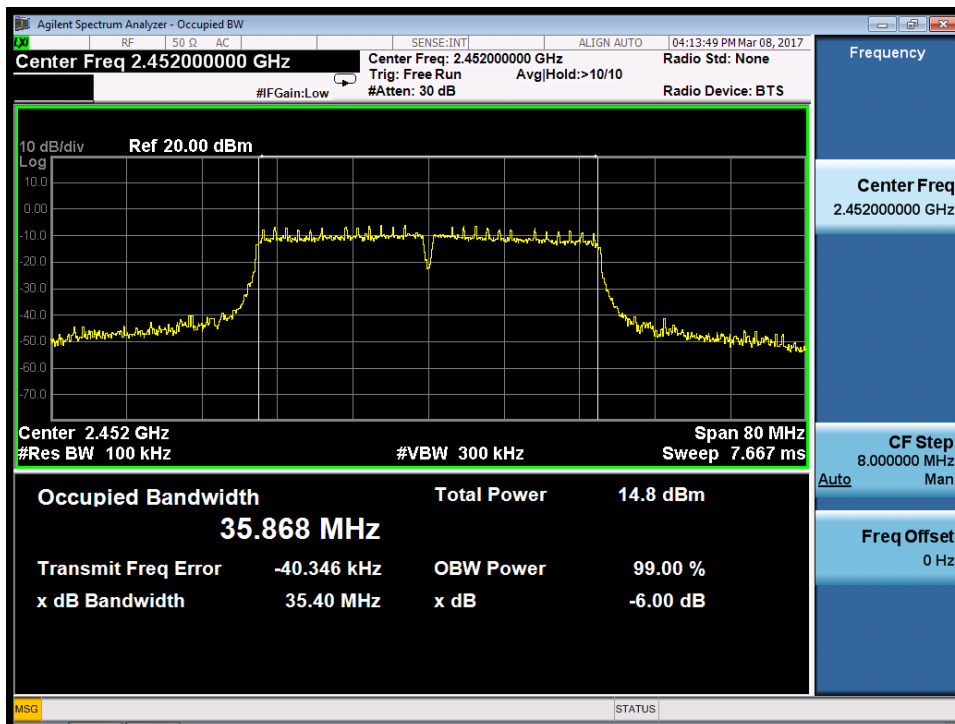
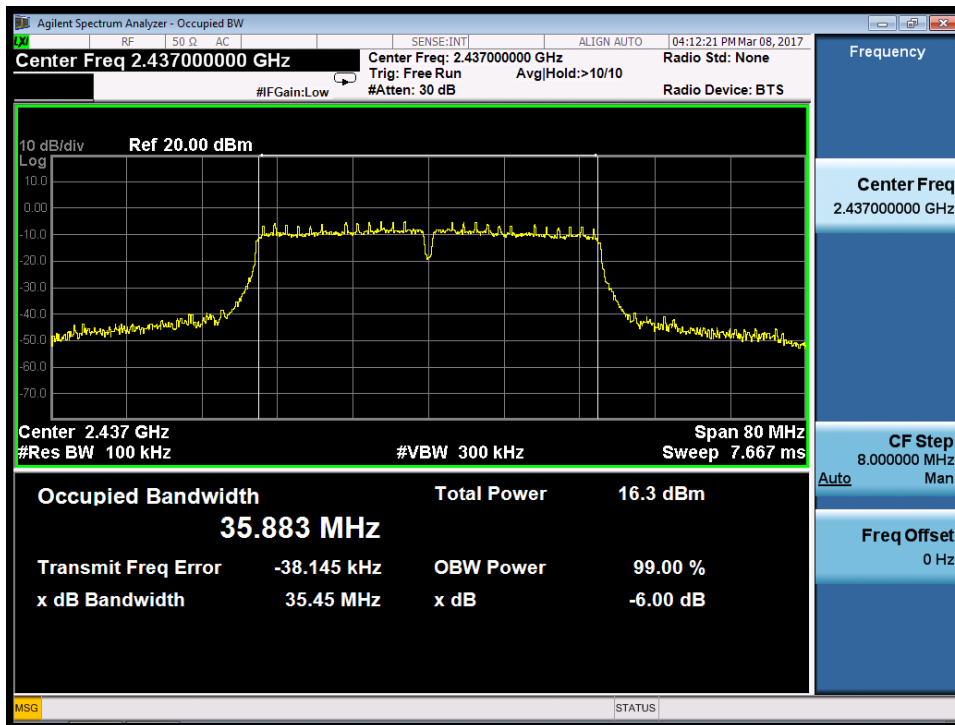


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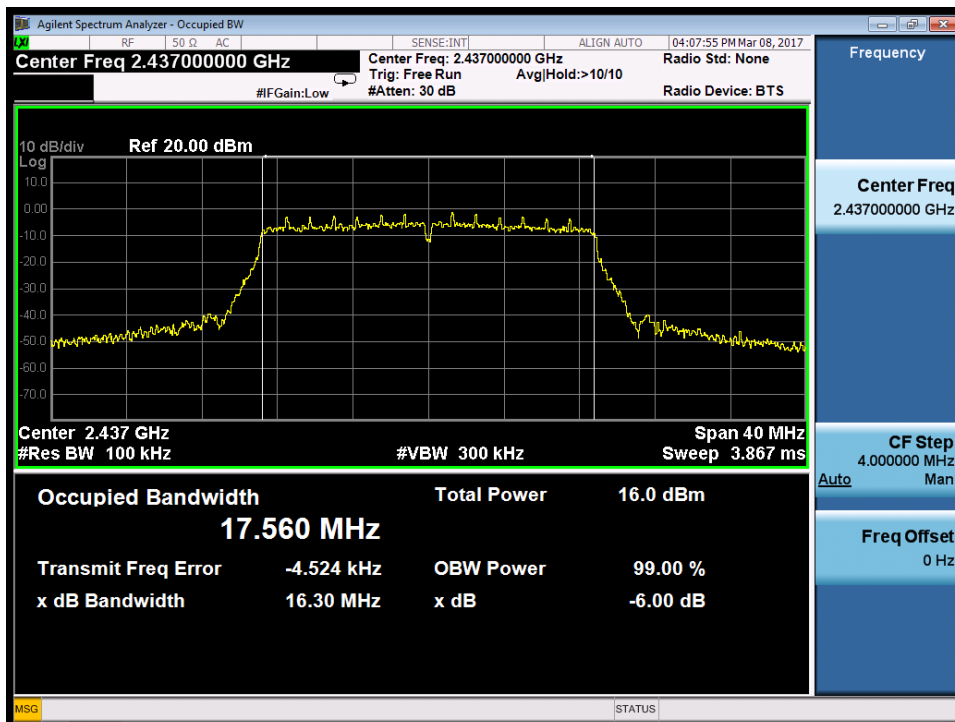
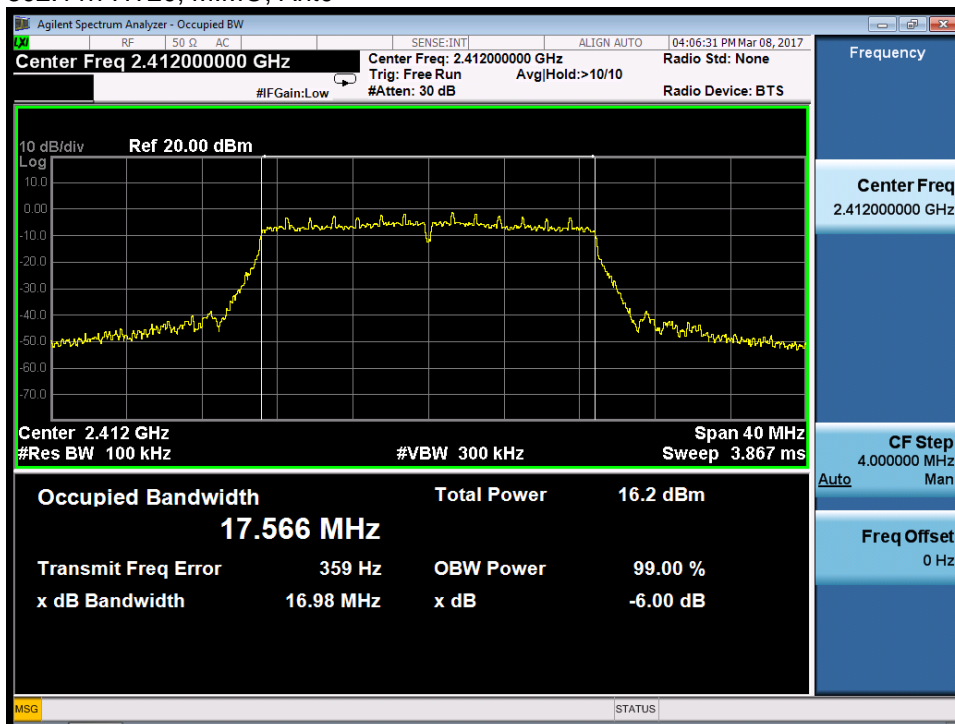


802.11n-HT40, SISO, Ant0

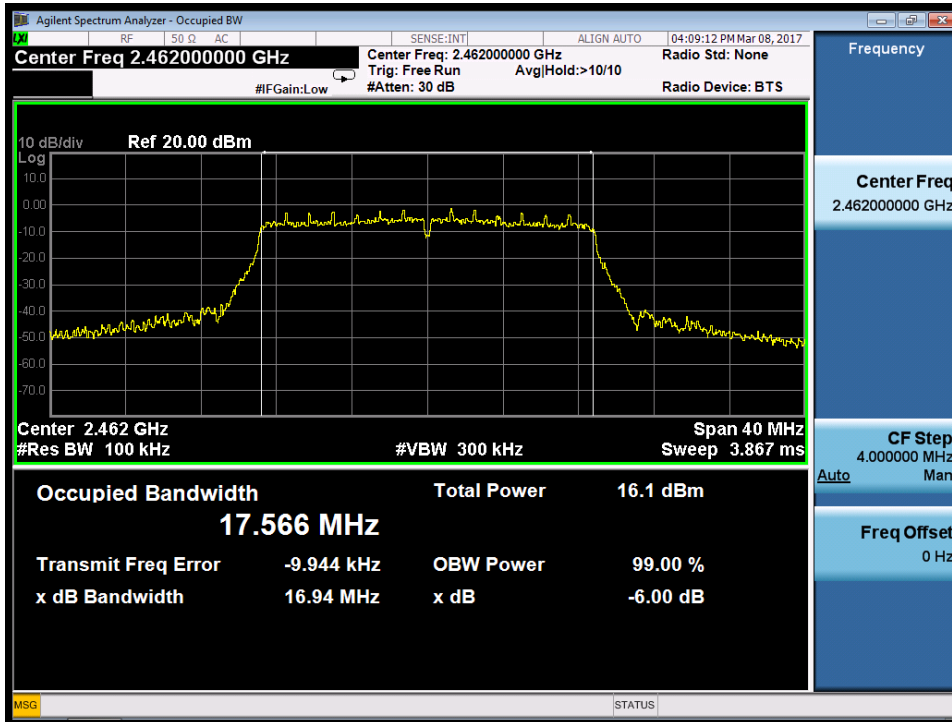




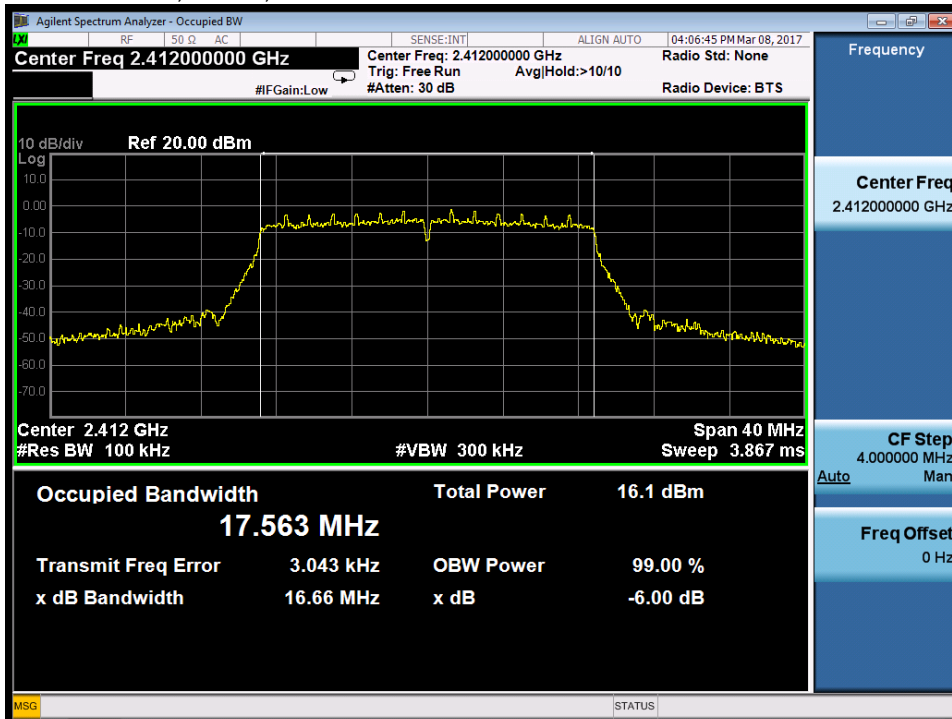
802.11n-HT20, MIMO, Ant0



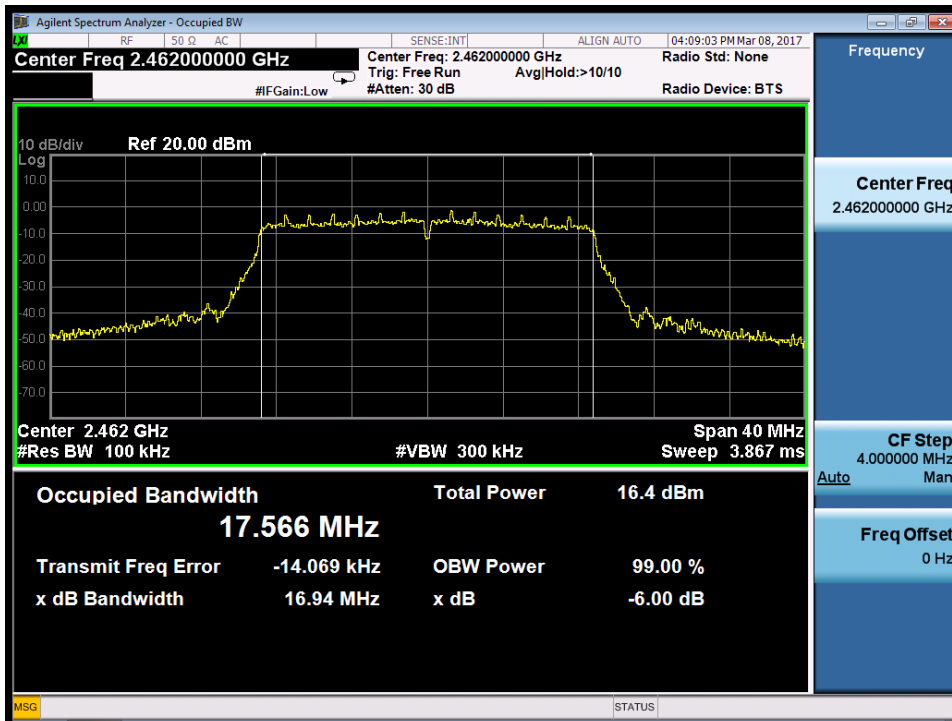
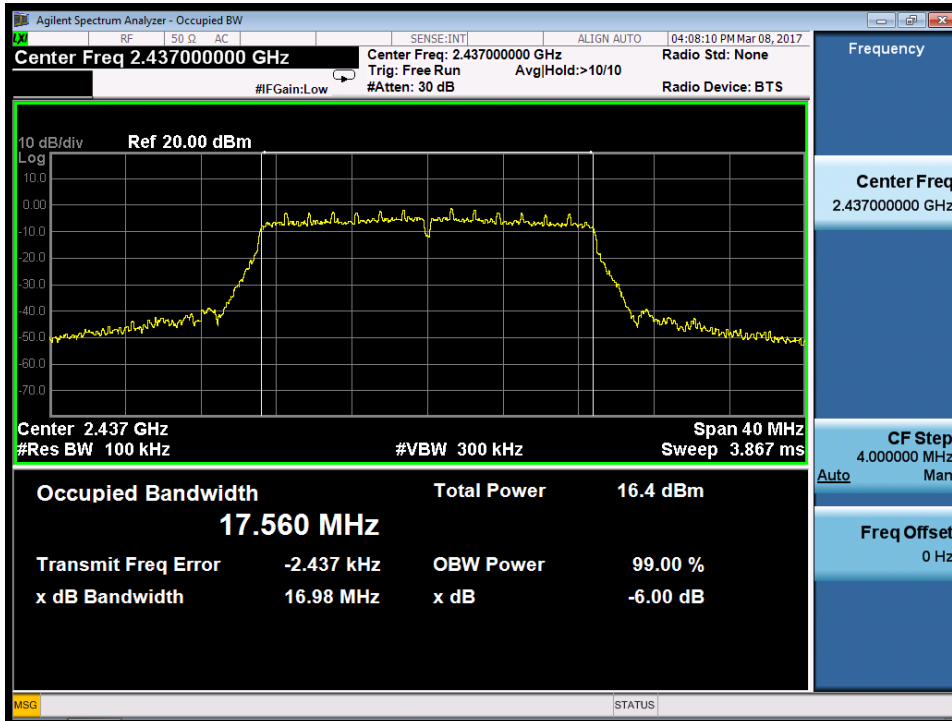
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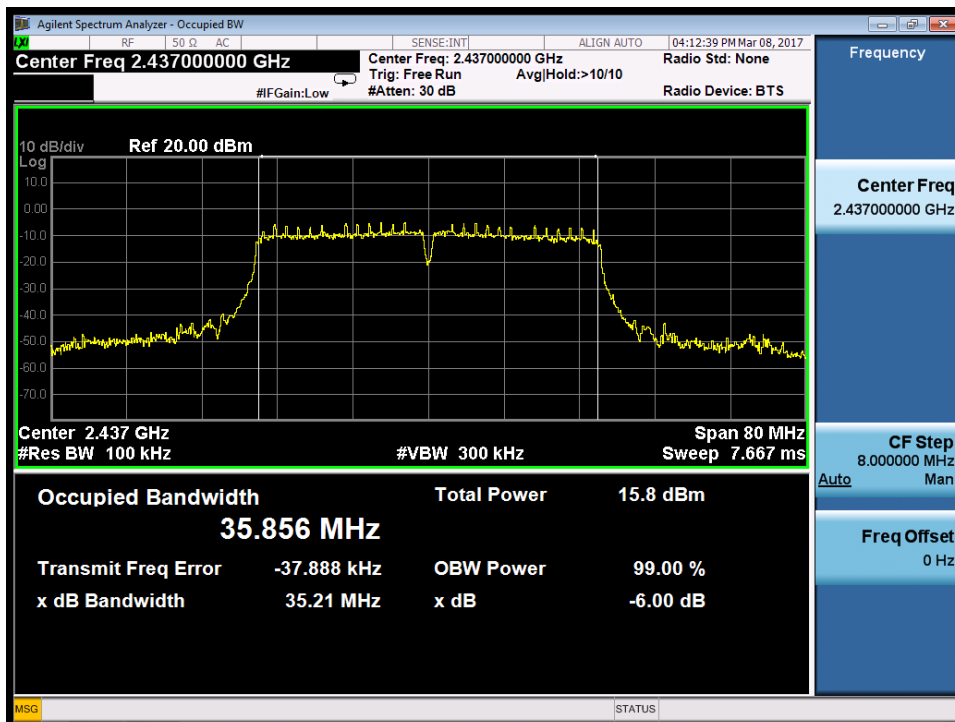
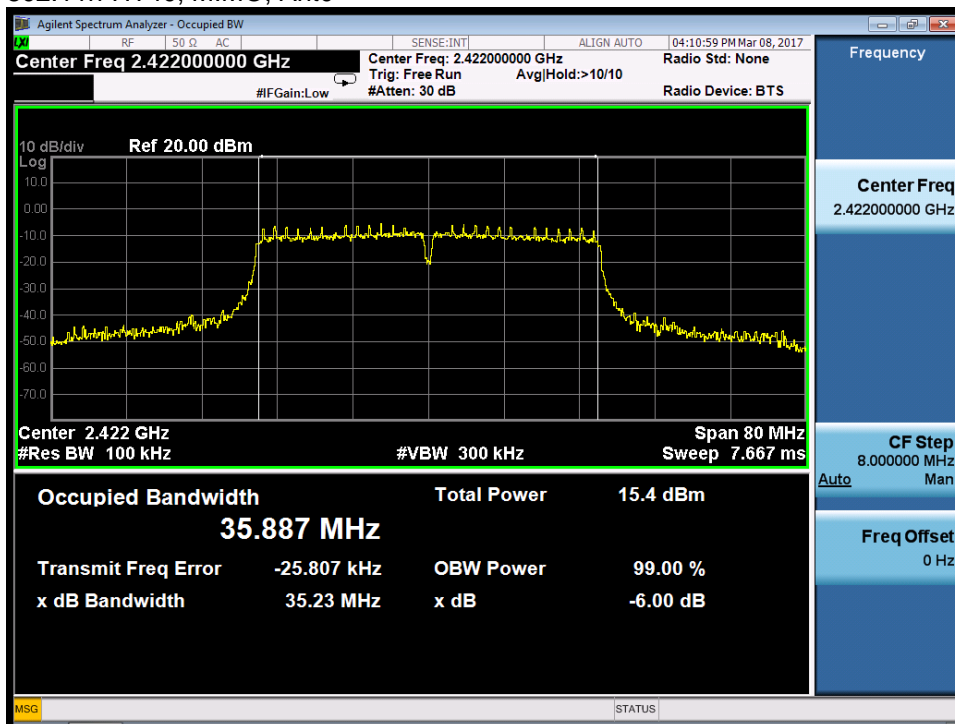
802.11n-HT20, MIMO, Ant1

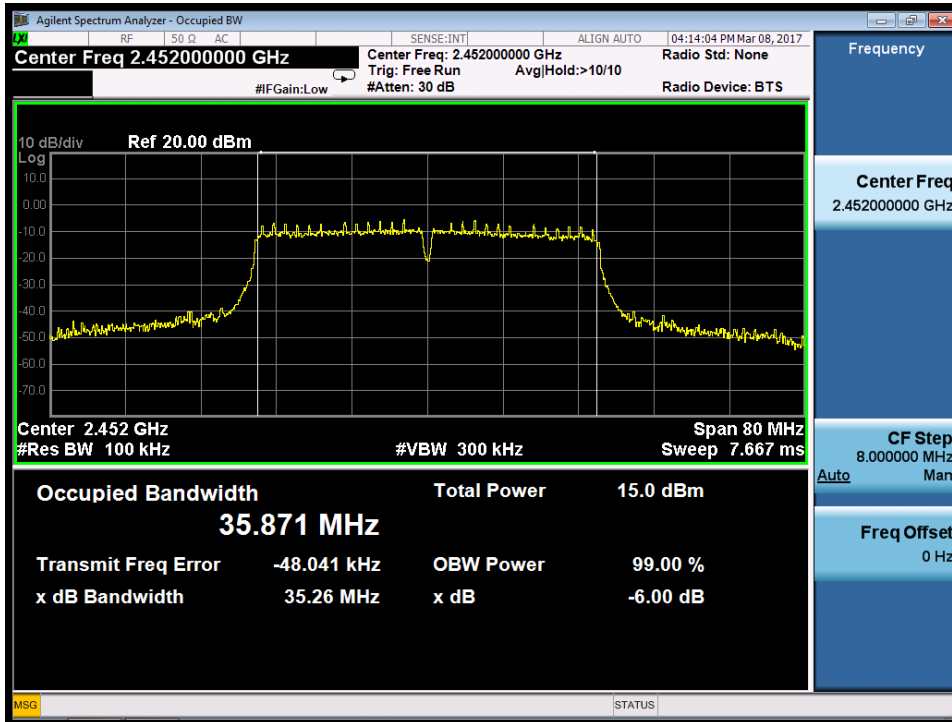


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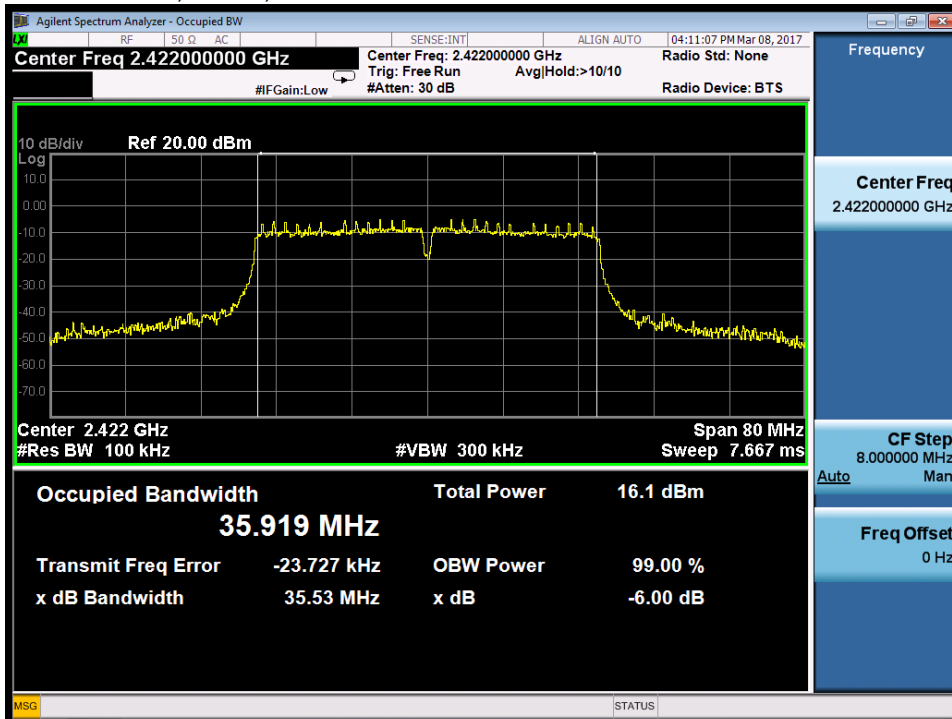


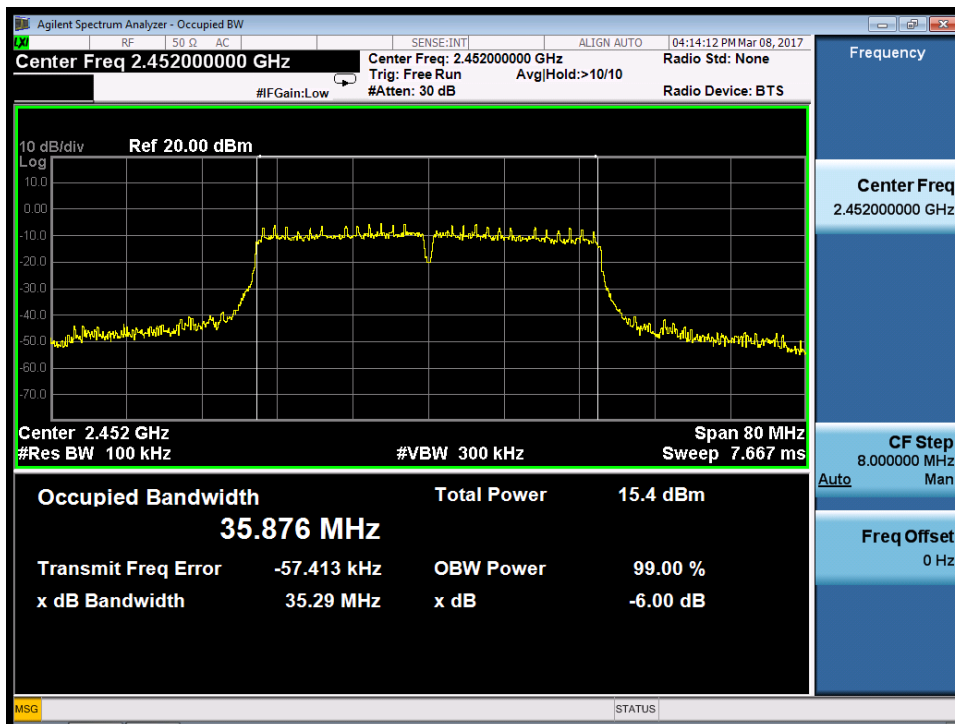
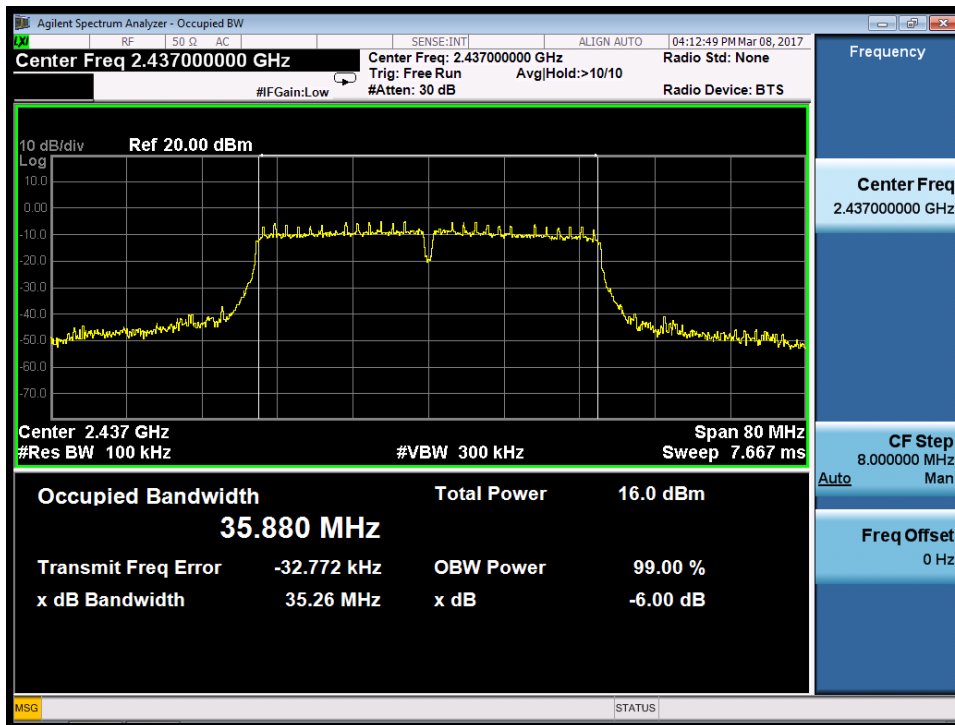
802.11n-HT40, MIMO, Ant0





802.11n-HT40, MIMO, Ant1

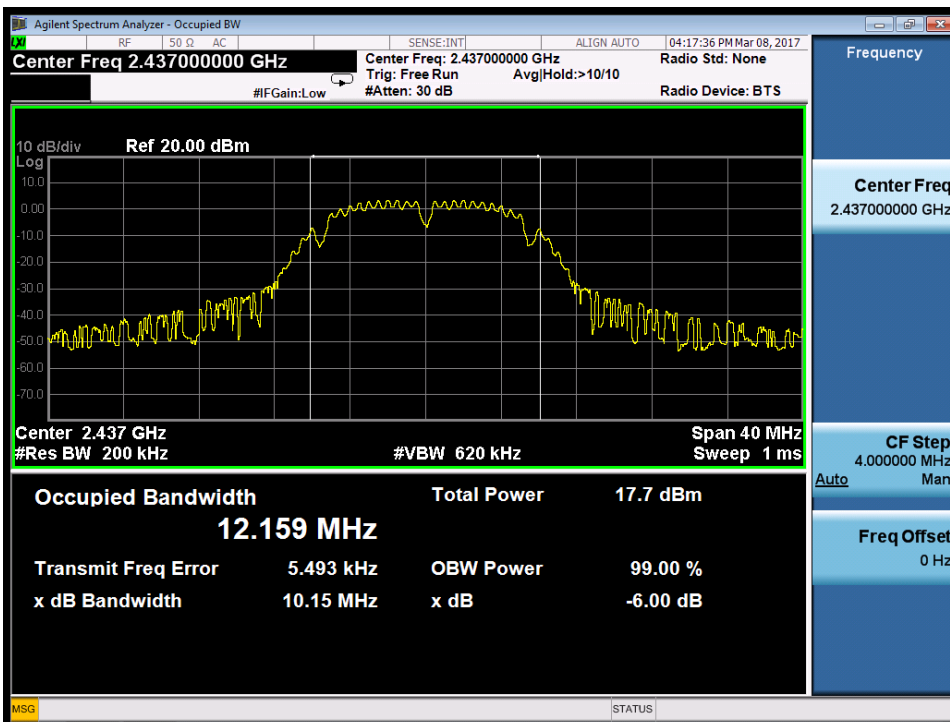
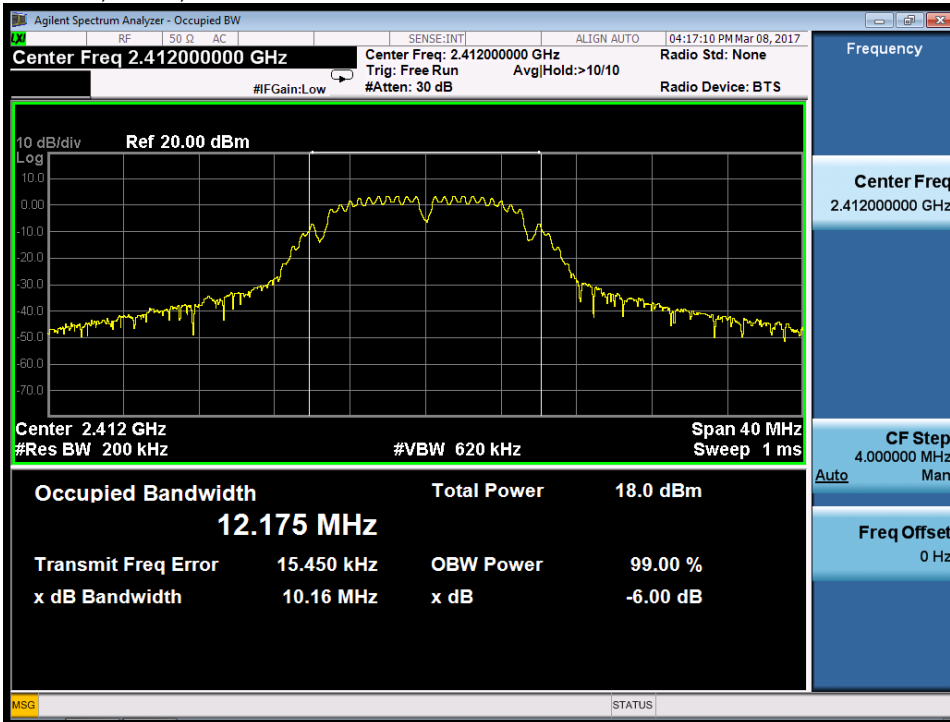


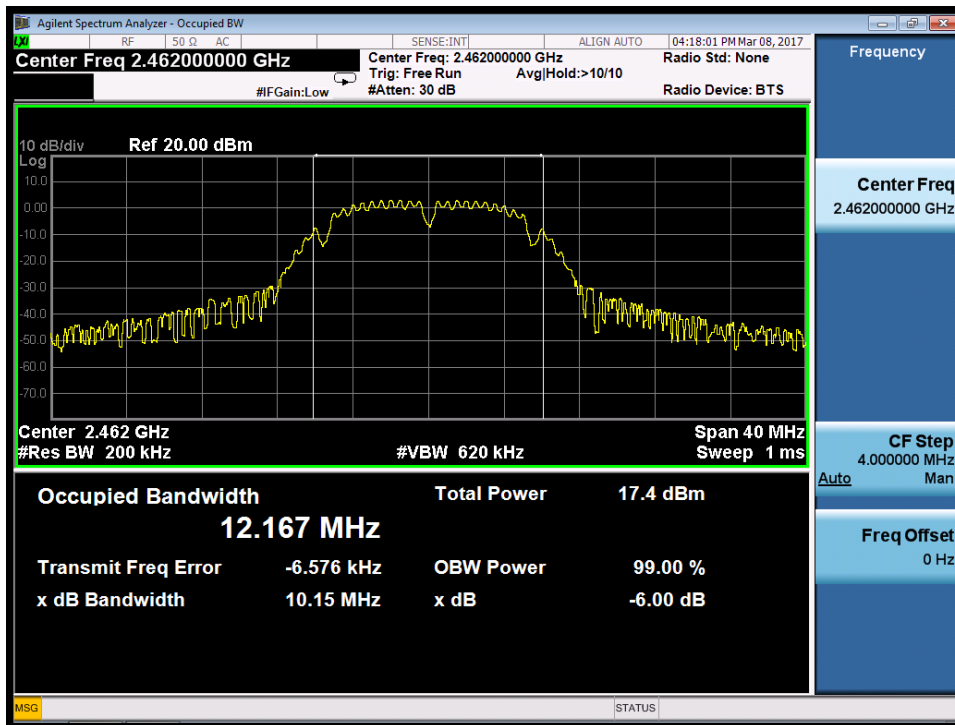




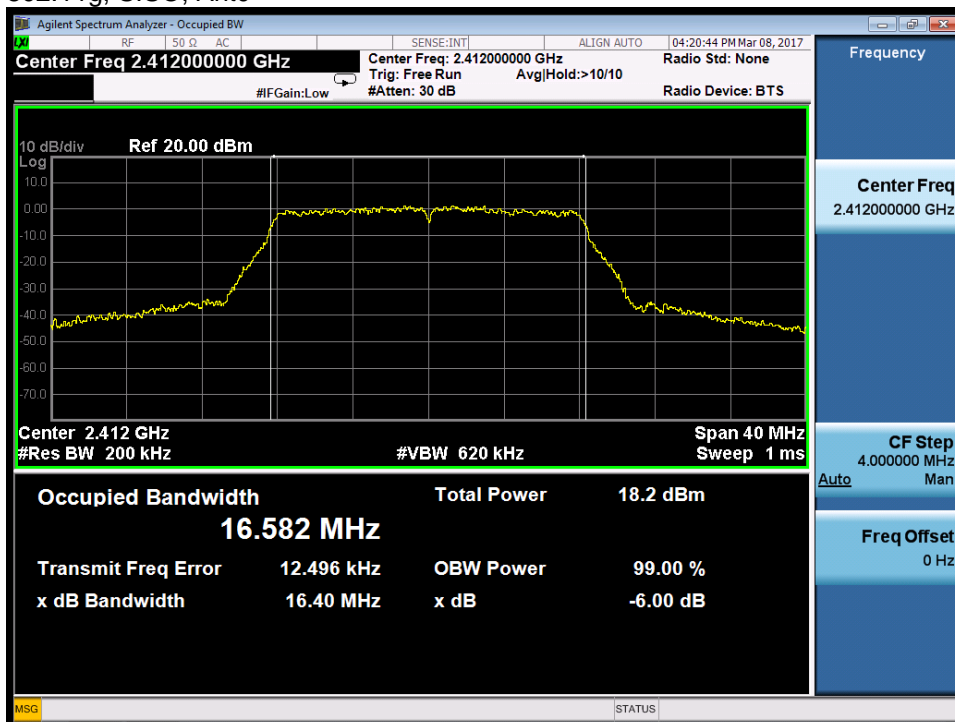
## 2.4 Test Graphs of 99% Bandwidth

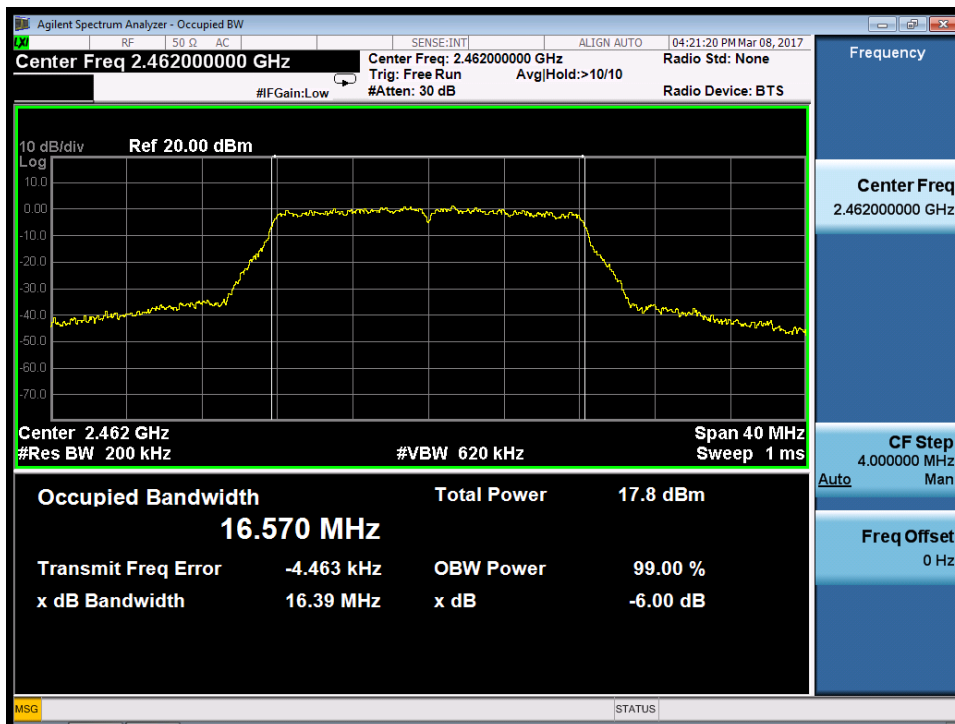
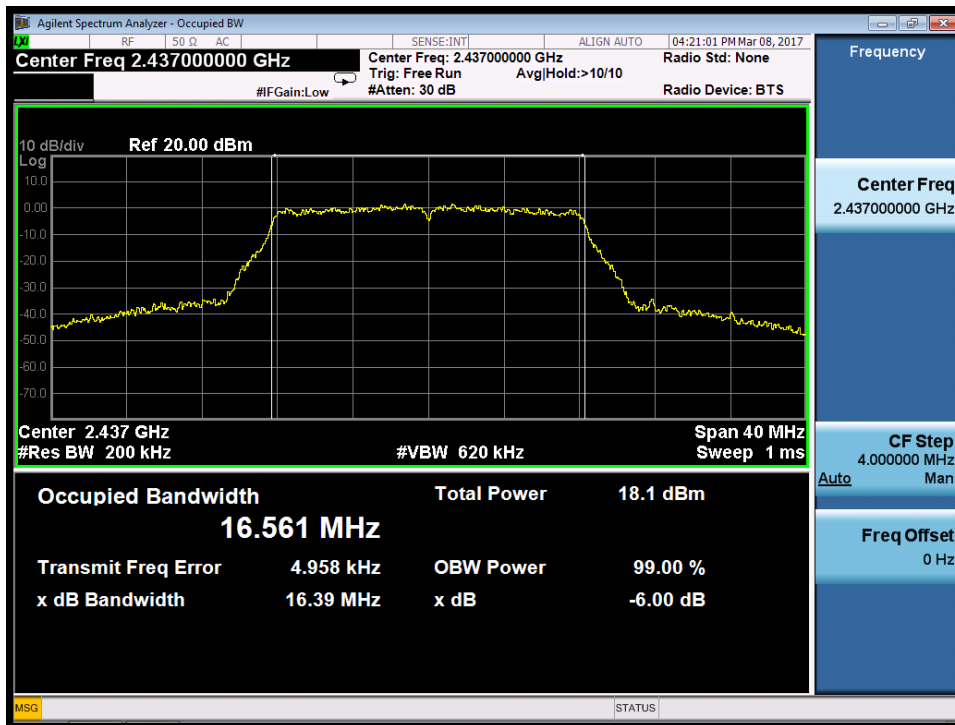
### 802.11b, SISO, Ant0



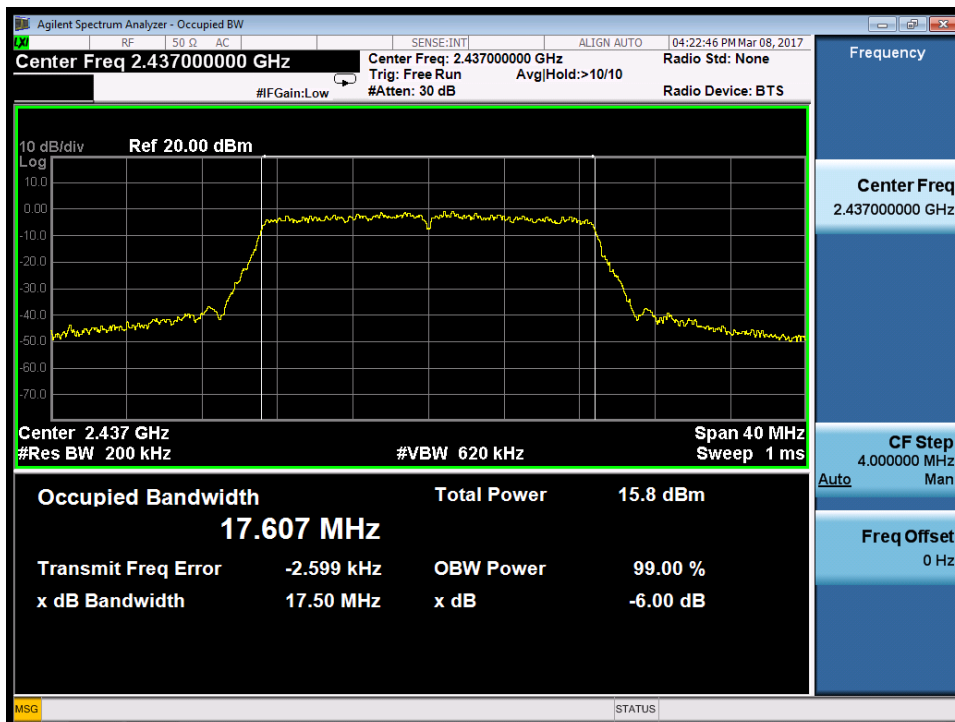
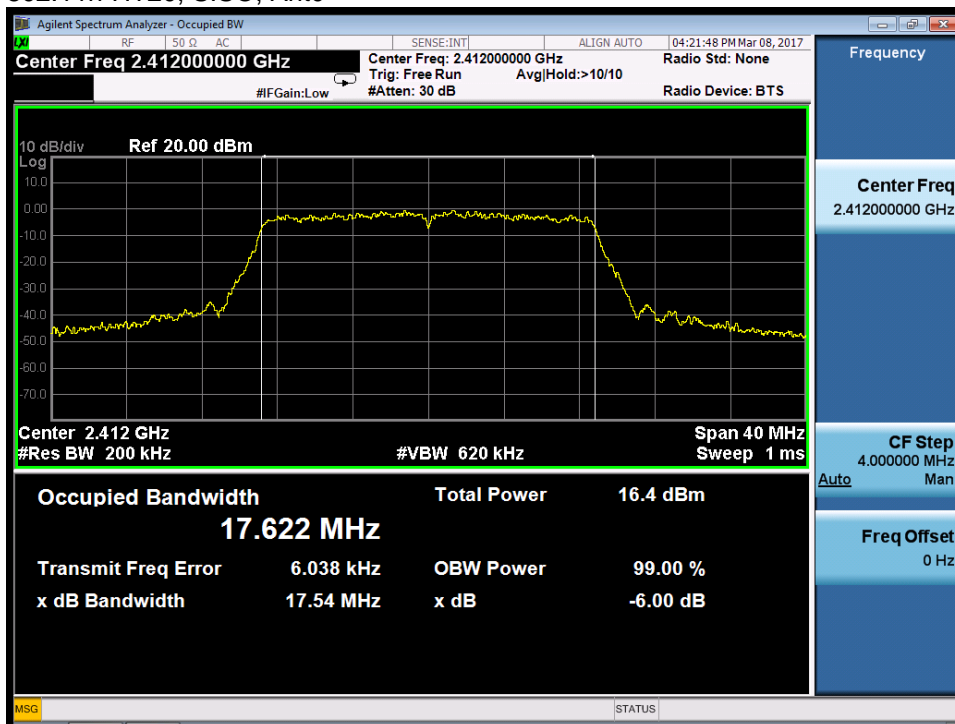


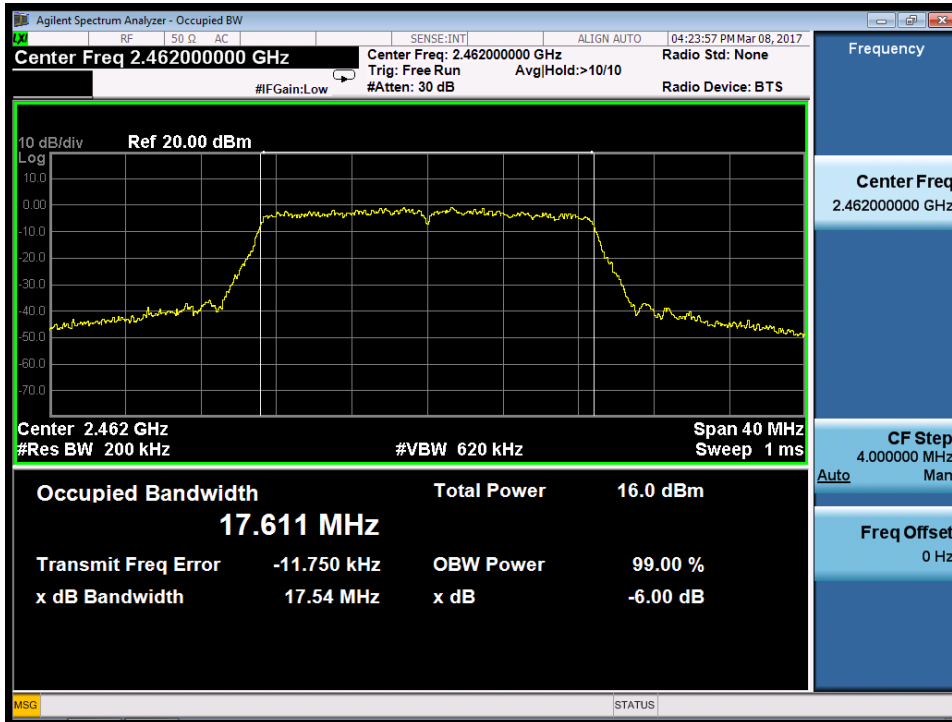
802.11g, SISO, Ant0



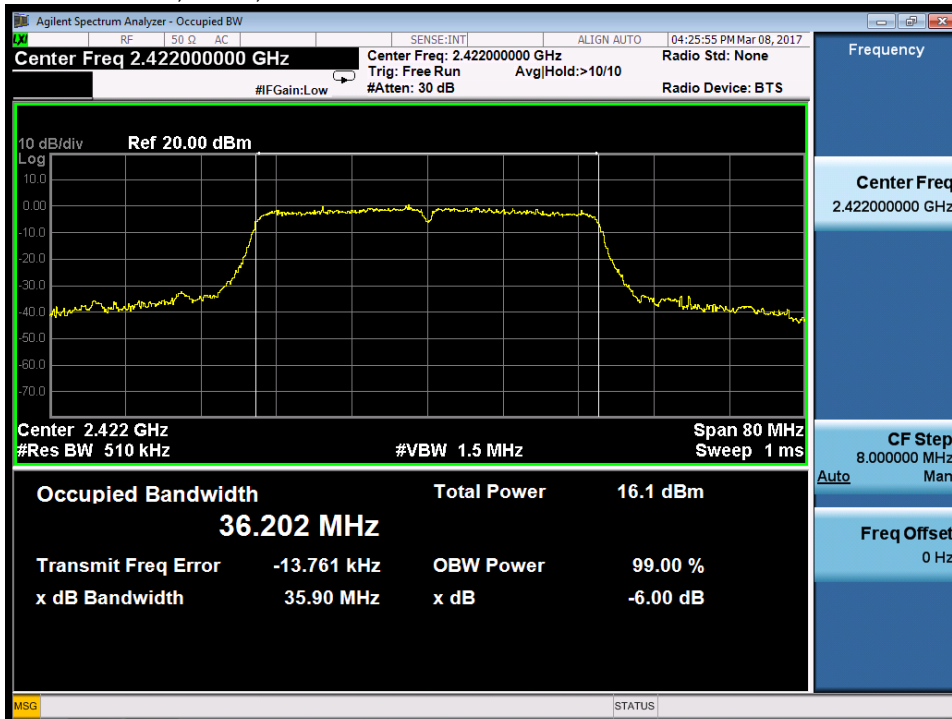


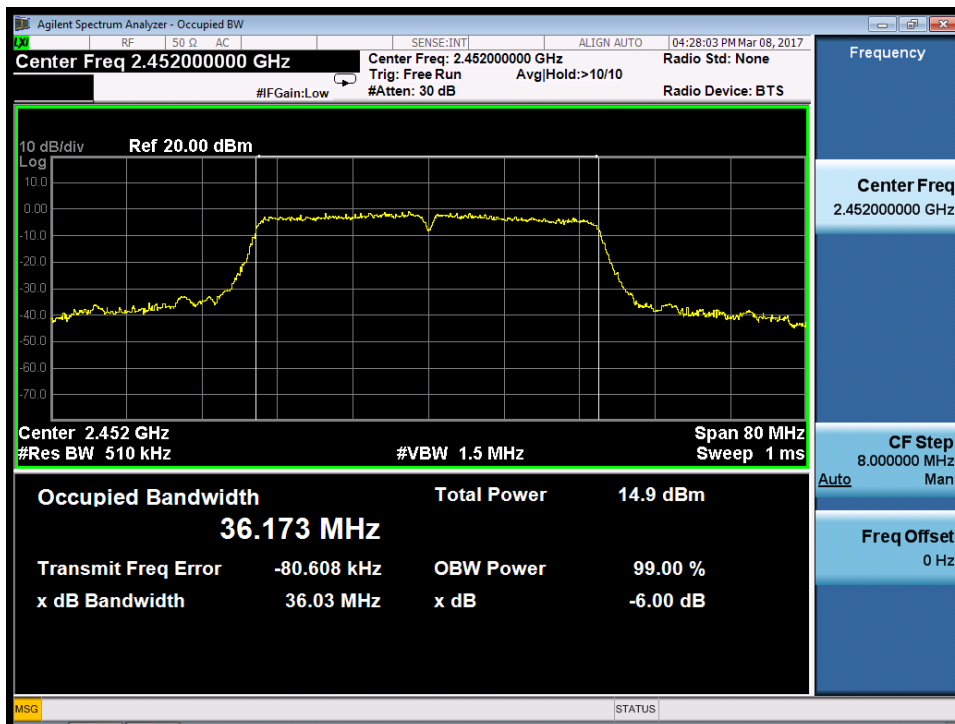
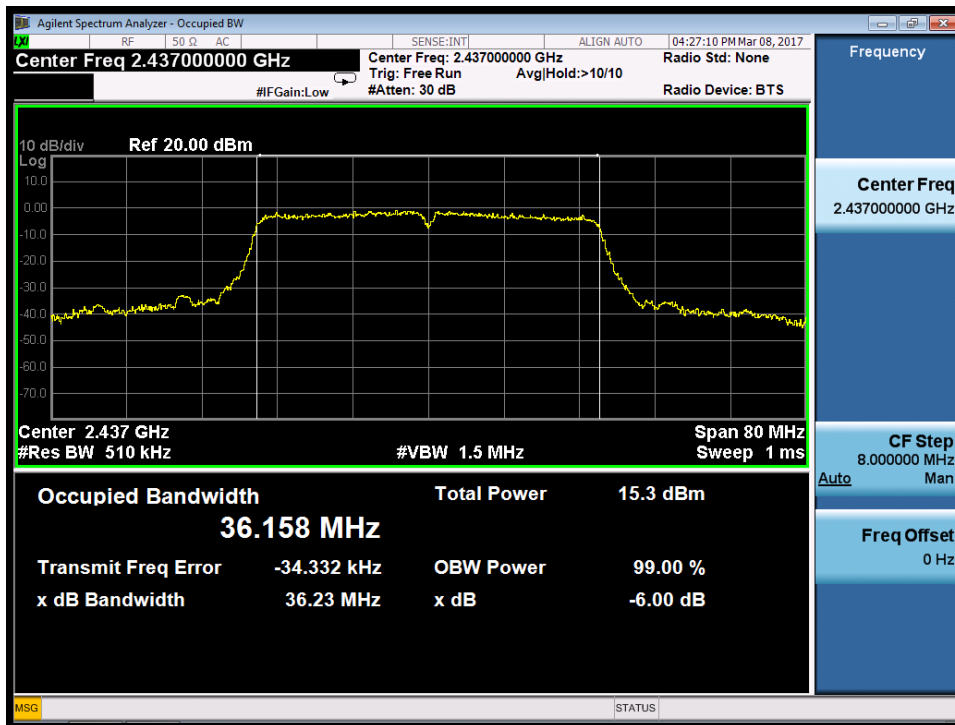
802.11n-HT20, SISO, Ant0





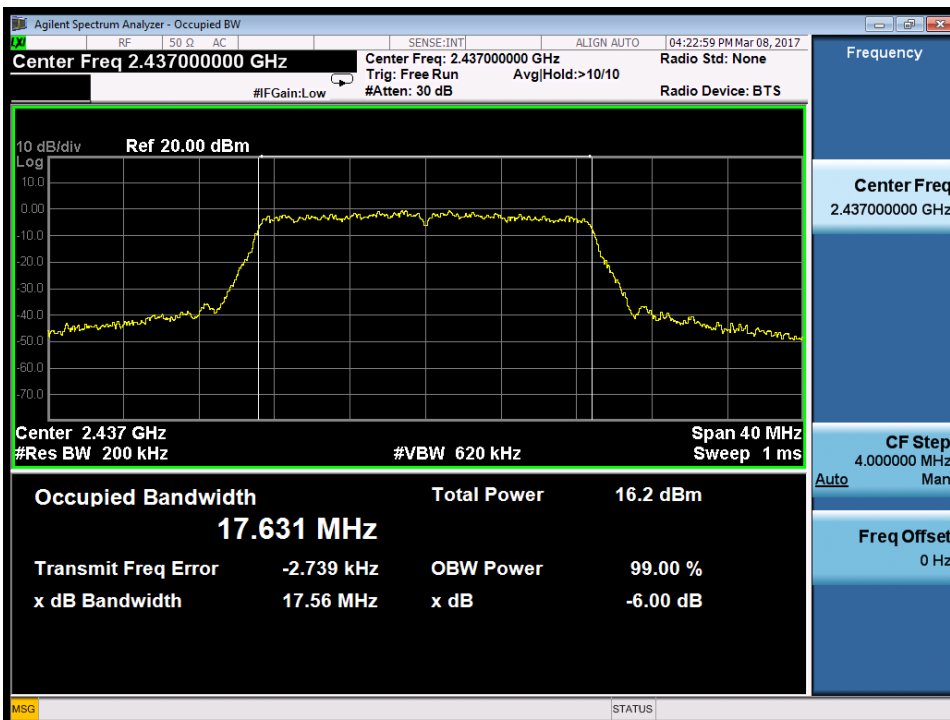
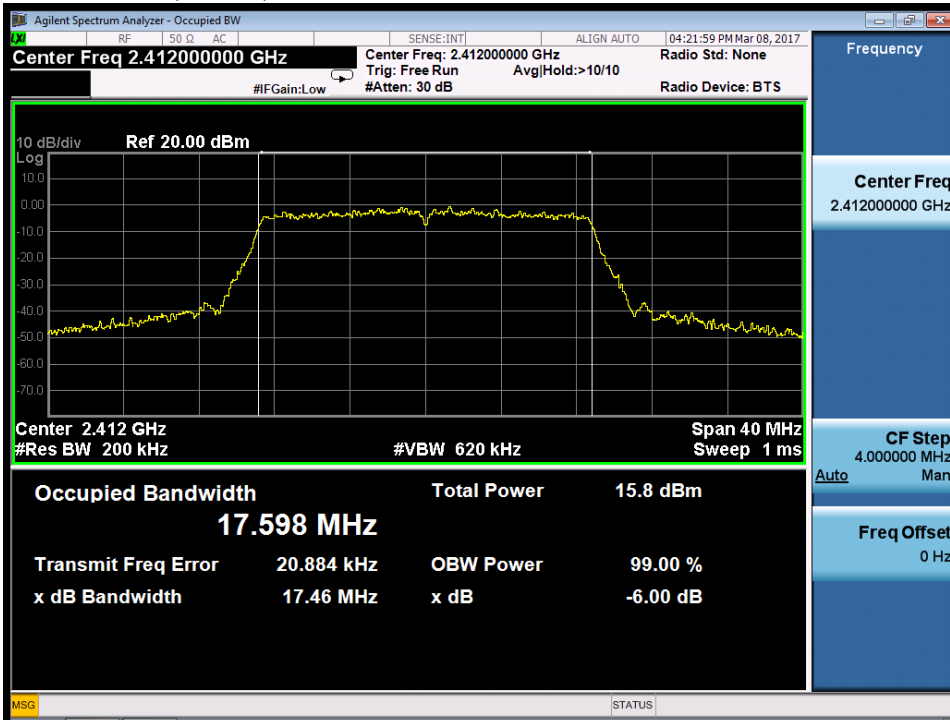
802.11n-HT40, SISO, Ant0



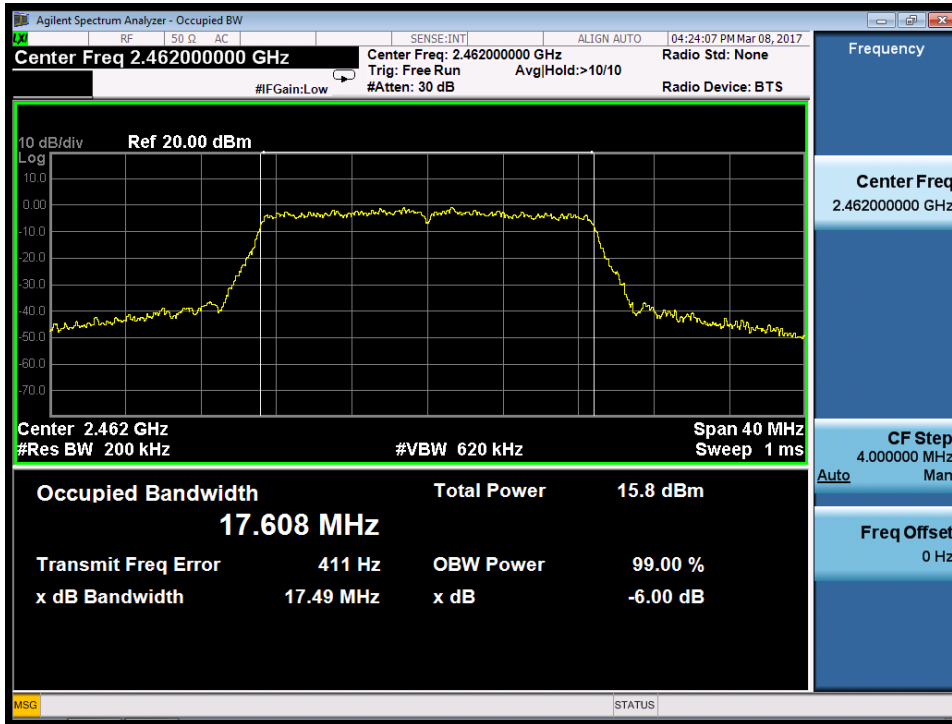


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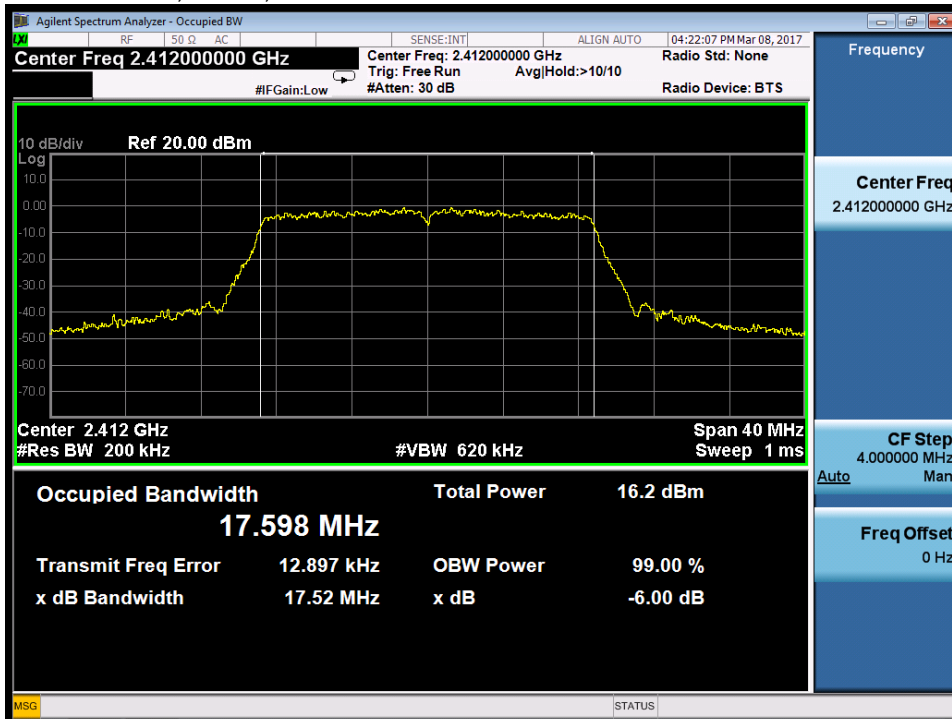
802.11n-HT20, MIMO, Ant0



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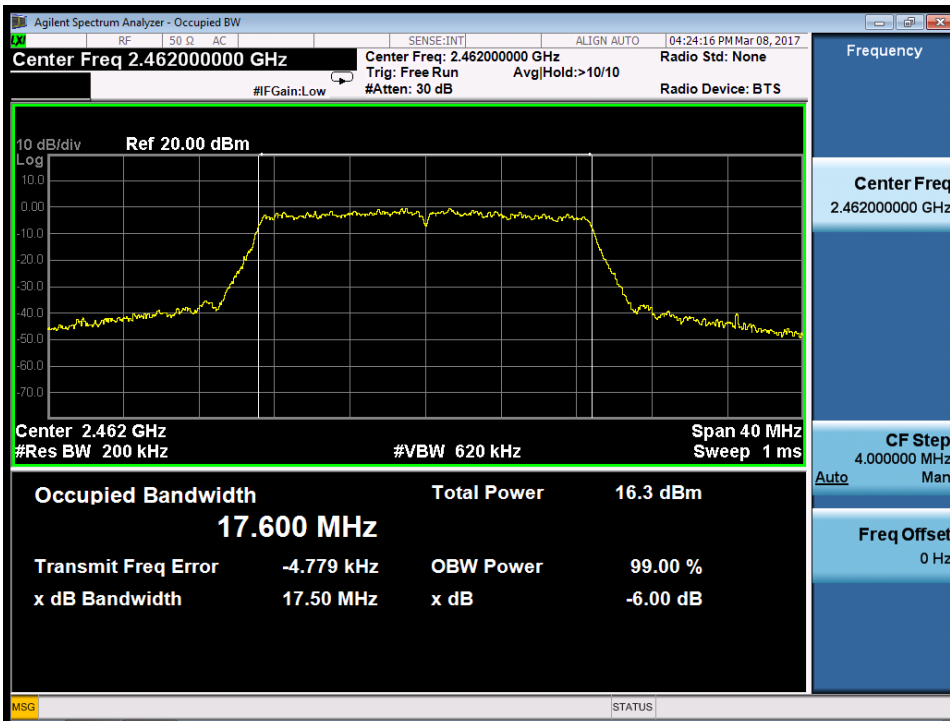
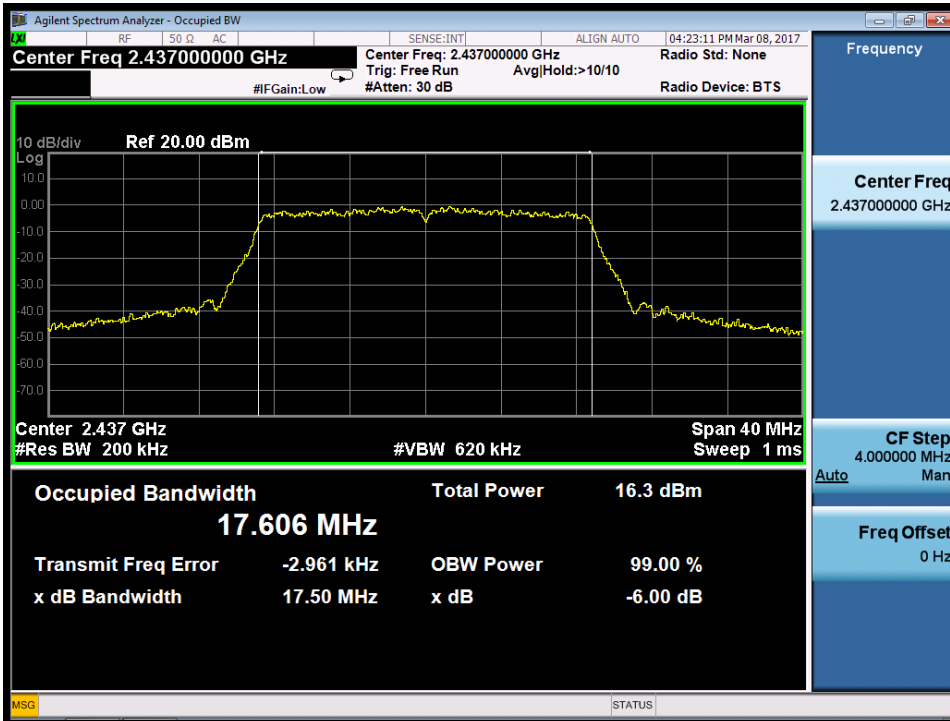


802.11n-HT20, MIMO, Ant1



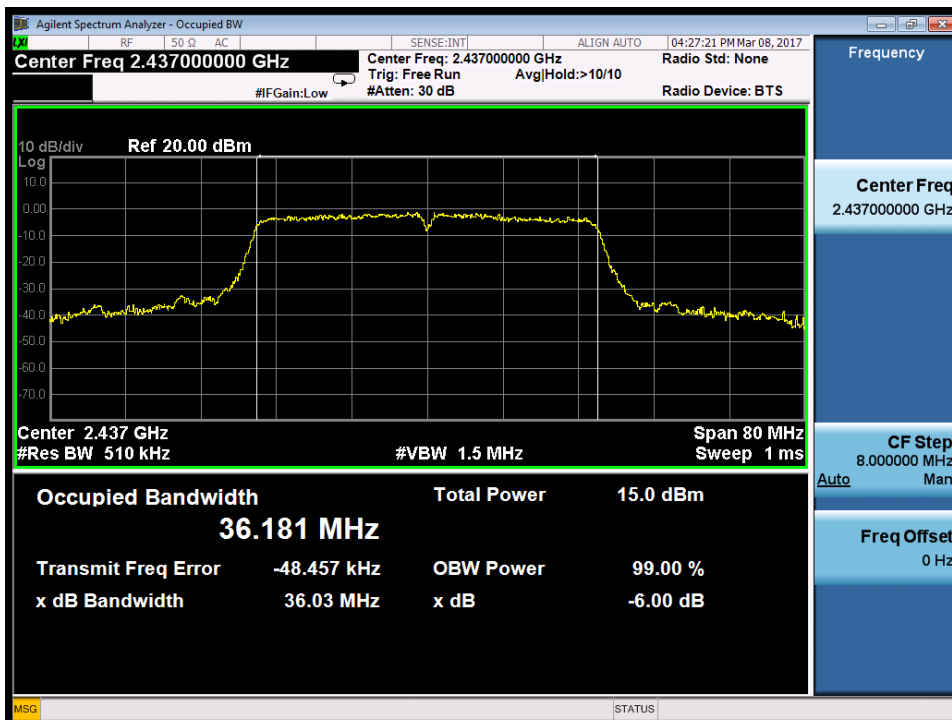
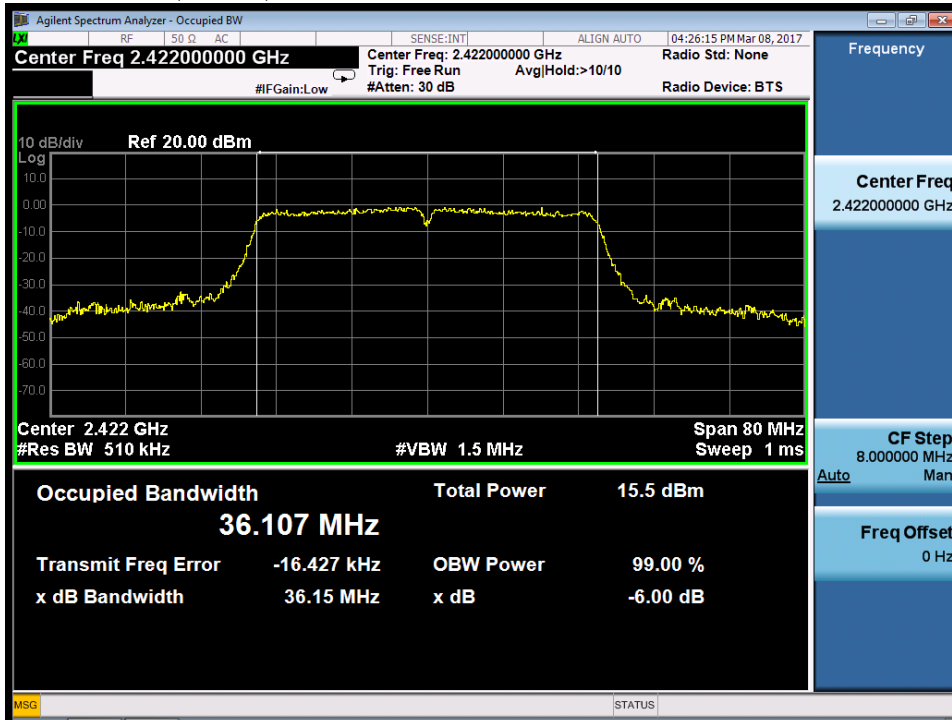


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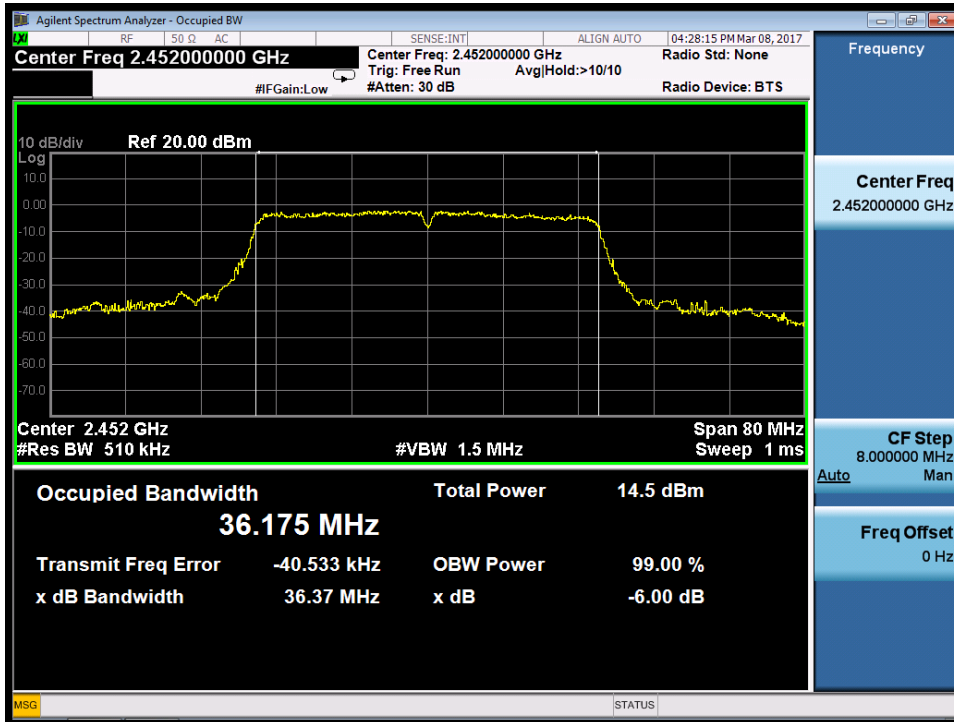


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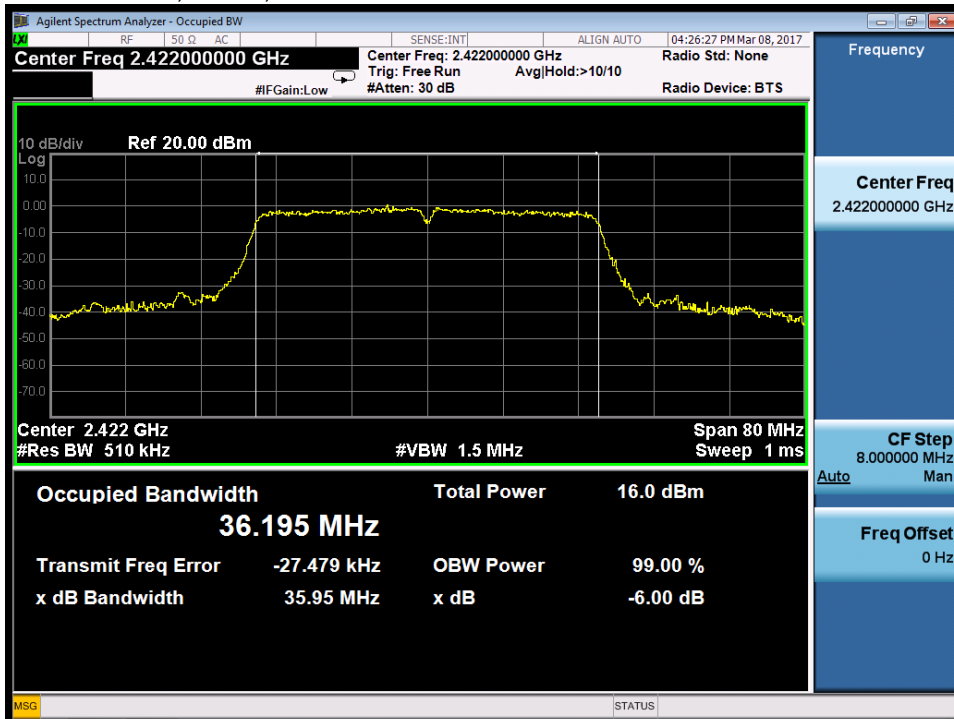
802.11n-HT40, MIMO, Ant0

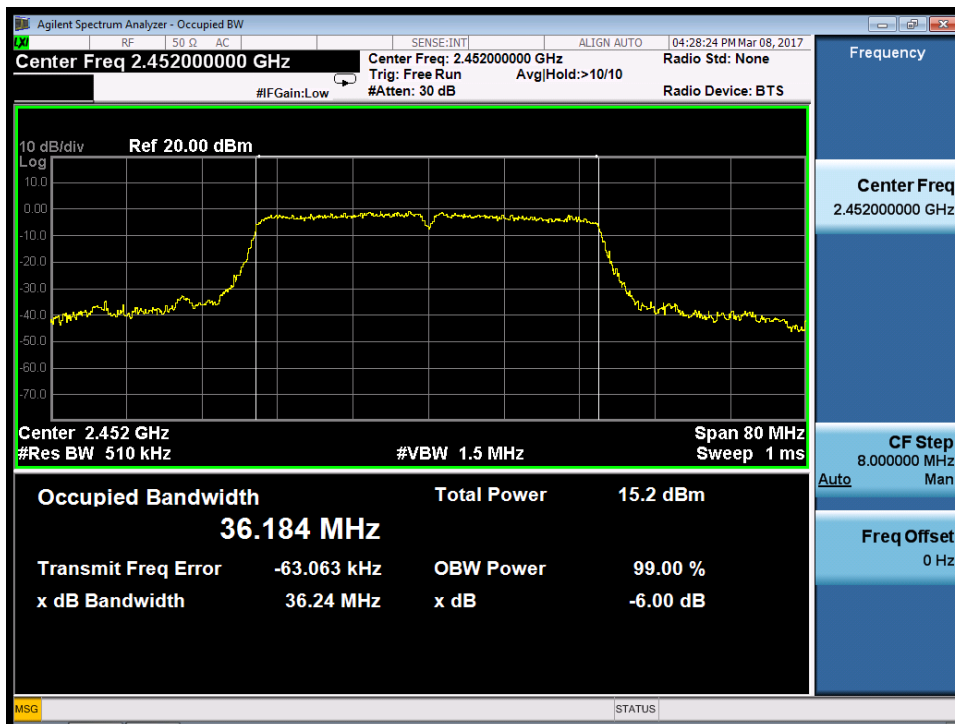
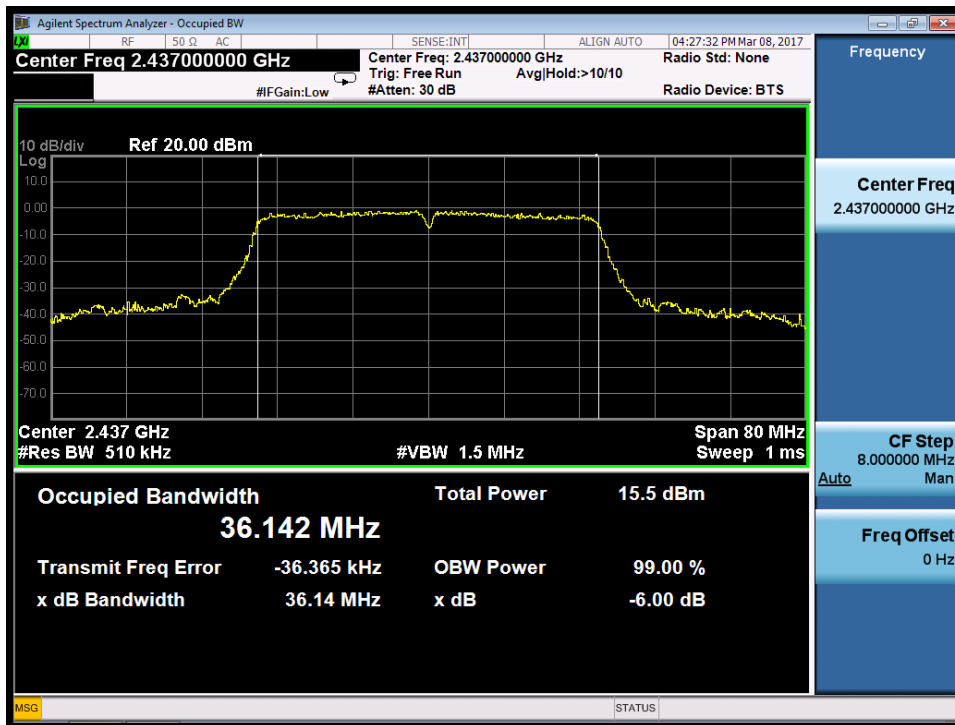


Produkte  
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802.11n-HT40, MIMO, Ant1





### 3. Power Spectral Density

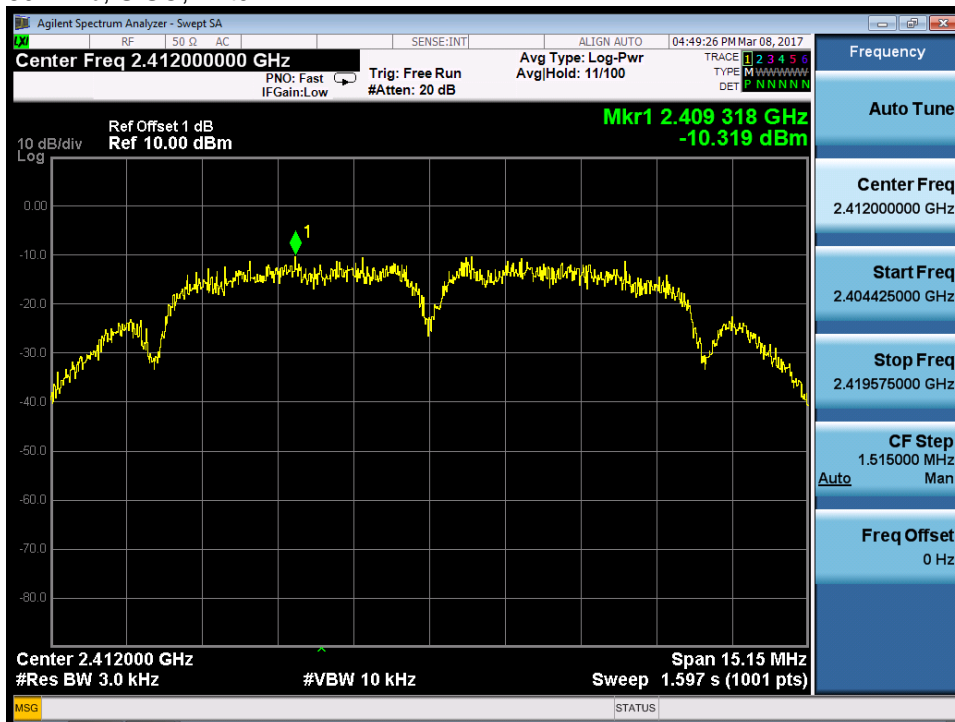
#### 3.1 Test Datas

Channel (mode) SISO	Channel Frequency (MHz)	Power Spectral Density (dBm/3KHz)			Limit	Result
		Ant0	Ant1	Total		
1 (802.11b)	2412	-10.319			8dBm/3KHz	Pass
6 (802.11b)	2437	-10.153			8dBm/3KHz	Pass
11 (802.11b)	2462	-10.102			8dBm/3KHz	Pass
1 (802.11g)	2412	-12.570			8dBm/3KHz	Pass
6 (802.11g)	2437	-12.337			8dBm/3KHz	Pass
11 (802.11g)	2462	-12.739			8dBm/3KHz	Pass
1 (802.11n-HT20)	2412	-14.548			8dBm/3KHz	Pass
6 (802.11n-HT20)	2437	-15.720			8dBm/3KHz	Pass
11 (802.11n-HT20)	2462	-16.103			8dBm/3KHz	Pass
3 (802.11n-HT40)	2422	-21.910			8dBm/3KHz	Pass
6 (802.11n-HT40)	2437	-22.311			8dBm/3KHz	Pass
9 (802.11n-HT40)	2452	-22.719			8dBm/3KHz	Pass

Channel (mode) MIMO	Channel Frequency (MHz)	Power Spectral Density (dBm/3KHz)			Limit	Result
		Ant0	Ant1	Total		
1 (802.11n-HT20)	2412	-15.694	-15.284	-12.47	8dBm/3KHz	Pass
6 (802.11n-HT20)	2437	-14.493	-15.426	-11.92	8dBm/3KHz	Pass
11 (802.11n-HT20)	2462	-16.233	-16.531	-13.37	8dBm/3KHz	Pass
3 (802.11n-HT40)	2422	-21.815	-20.628	-18.17	8dBm/3KHz	Pass
6 (802.11n-HT40)	2437	-22.631	-22.245	-19.42	8dBm/3KHz	Pass
9 (802.11n-HT40)	2452	-22.648	-22.175	-19.39	8dBm/3KHz	Pass

### 3.2 Test Graphs

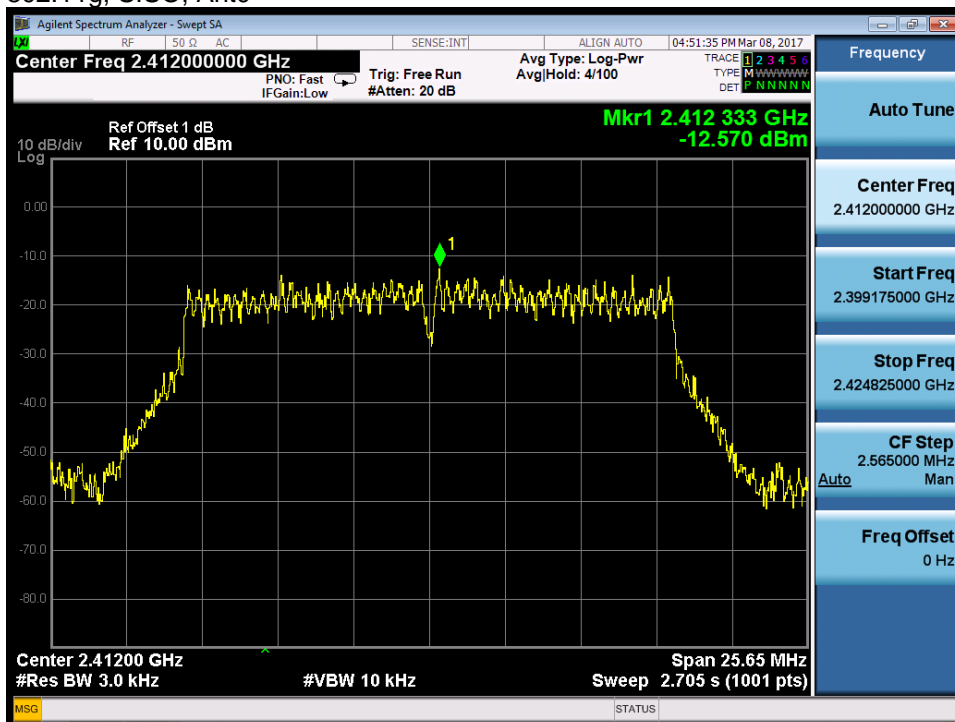
802.11b, SISO, Ant0



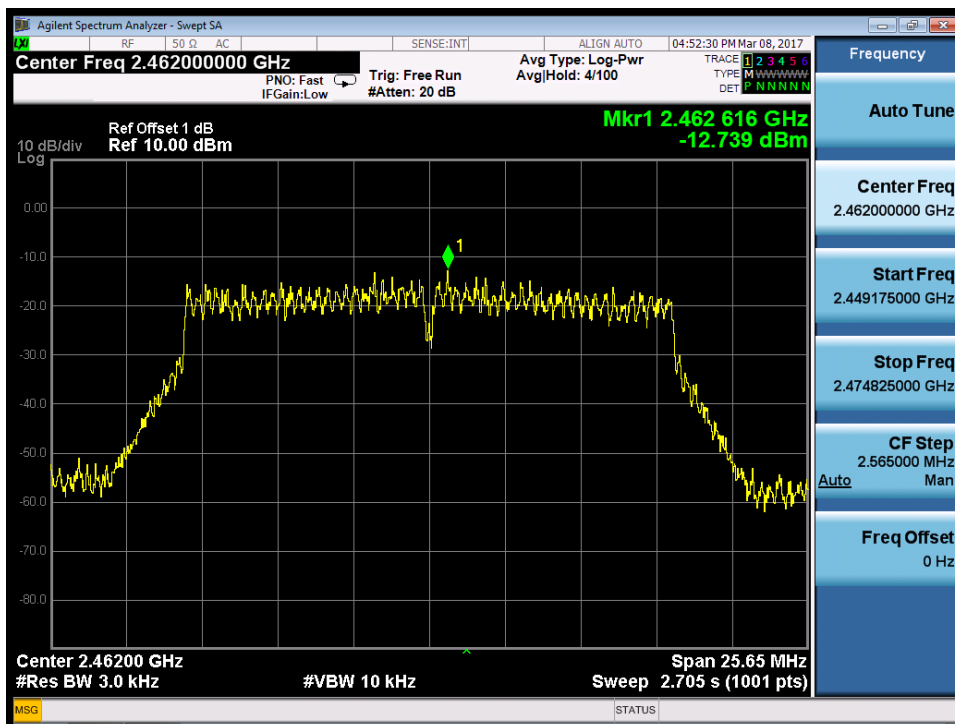
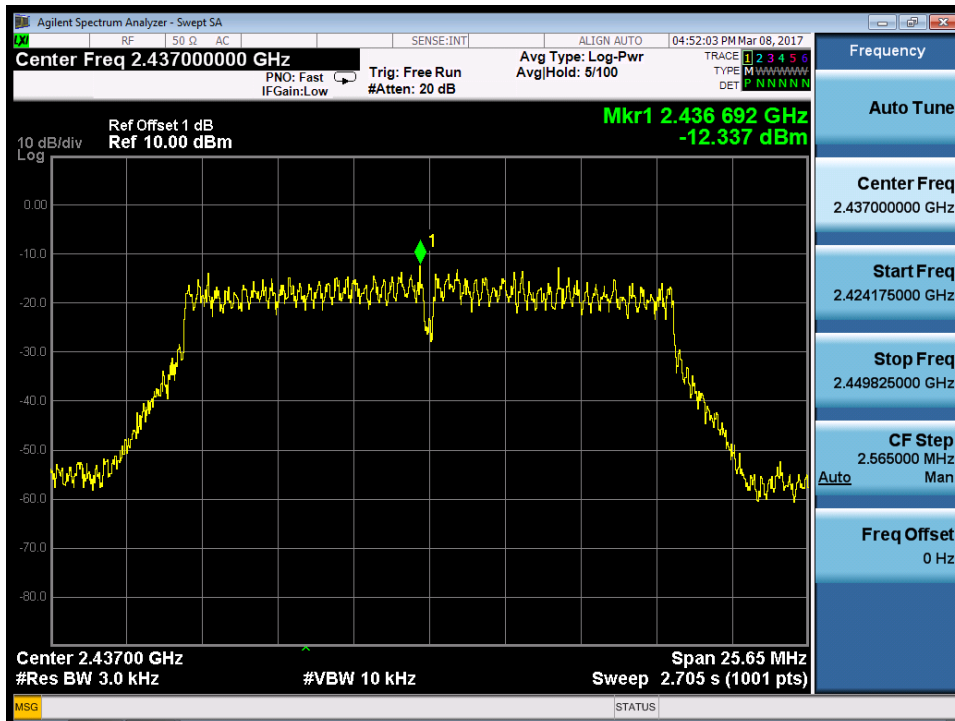
Produkte  
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802.11g, SISO, Ant0



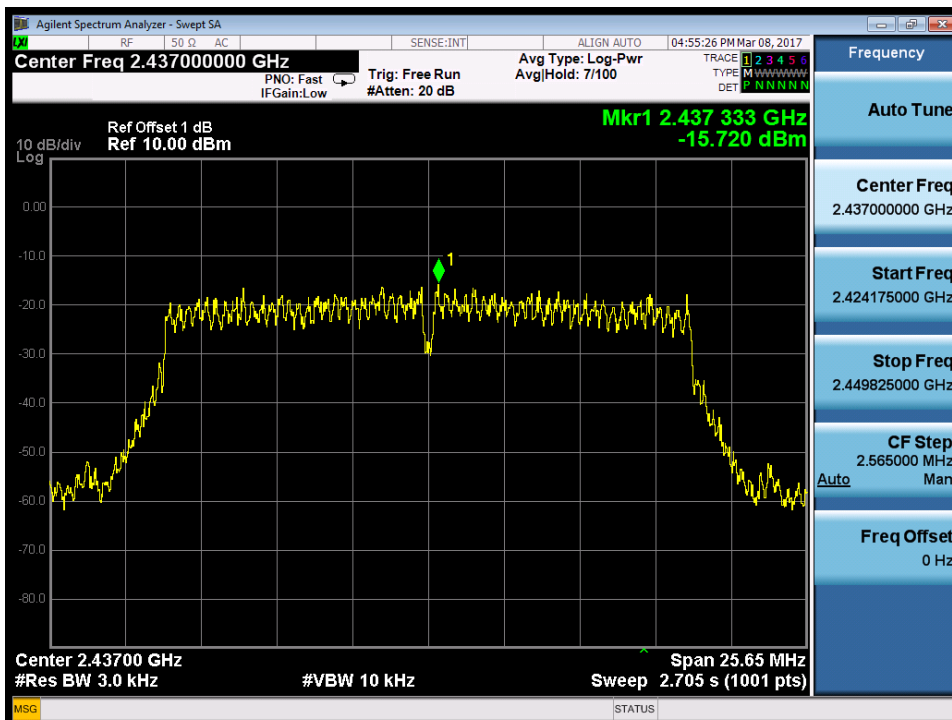
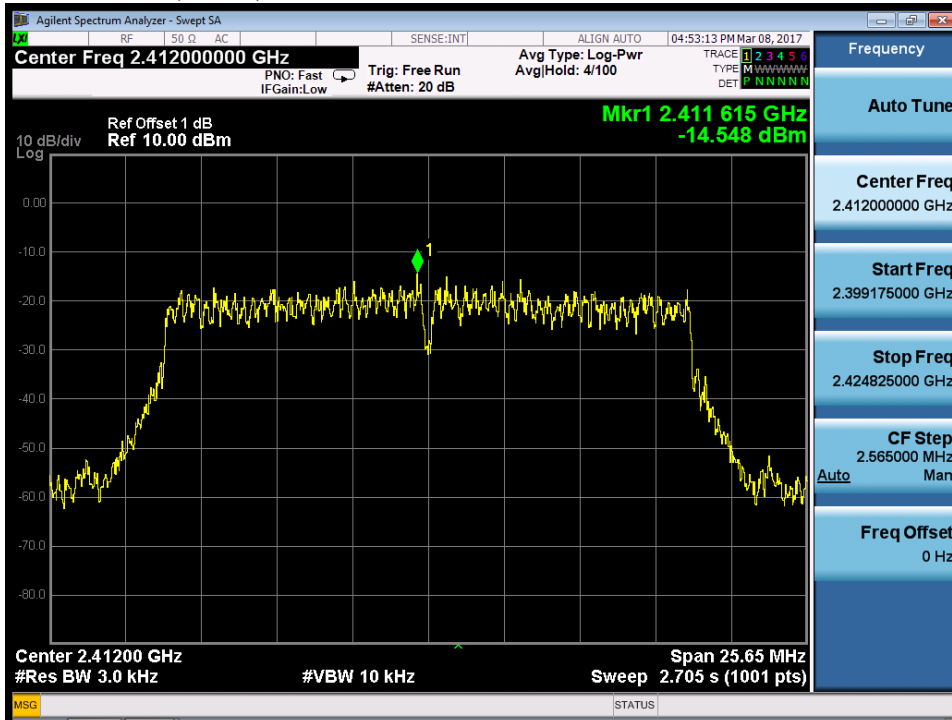
Produkte  
Products



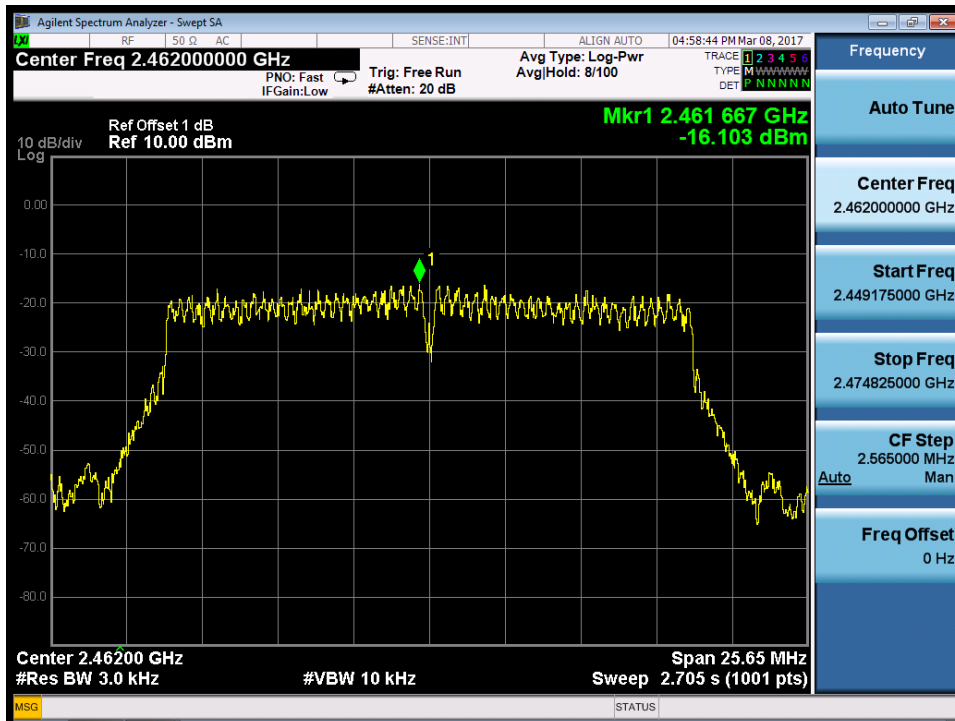


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802.11n-HT20, SISO, Ant0



Produkte  
 Products



802.11n-HT40, SISO, Ant0

