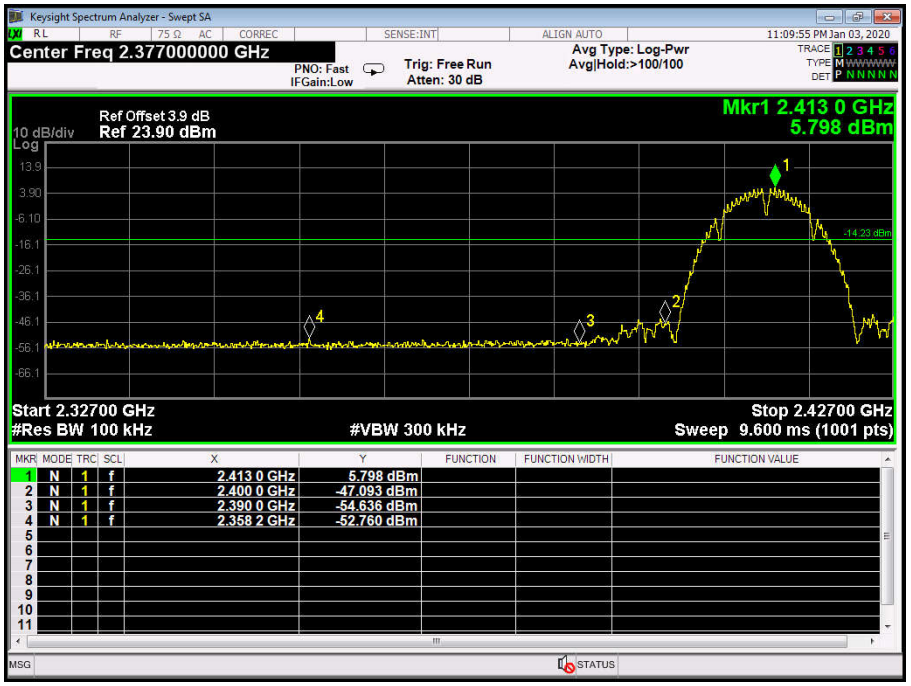
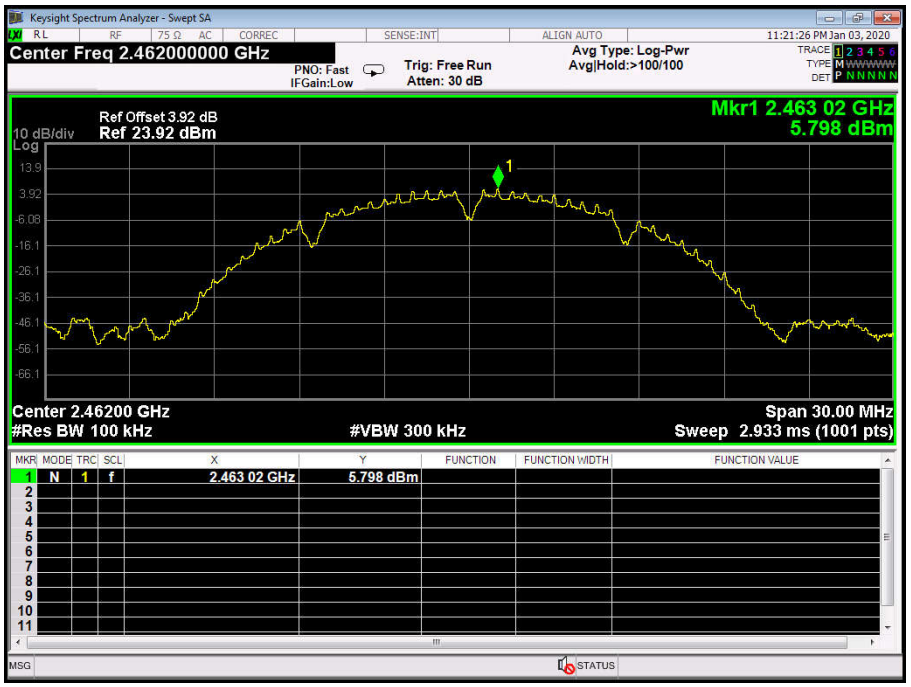
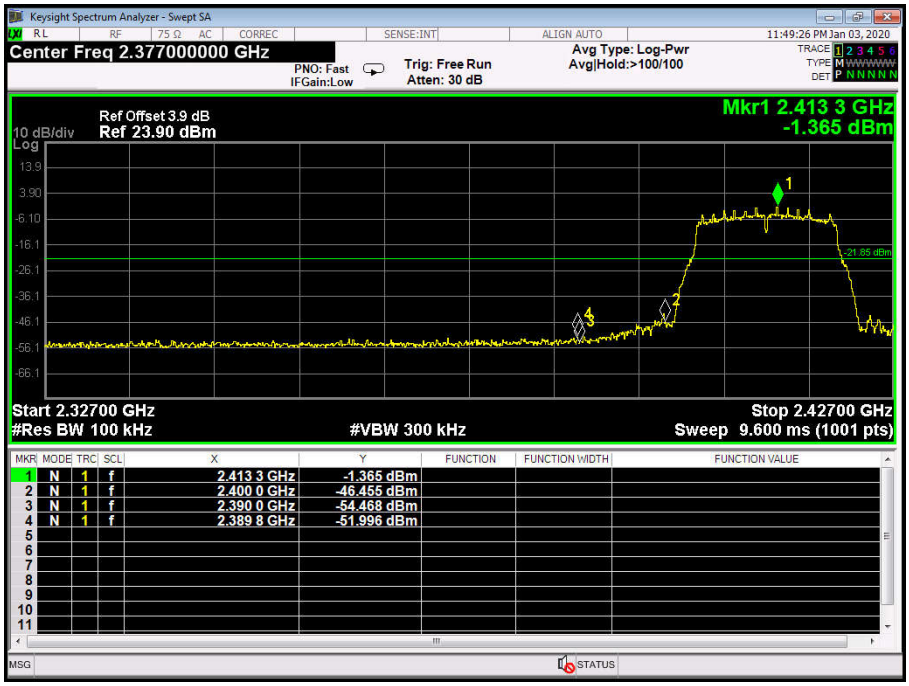
(2) Conducted Test

Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX B Mode 2412MHz / TX B Mode 2462MHz		
Remark:	The EUT is programed in continuously transmitting mode		

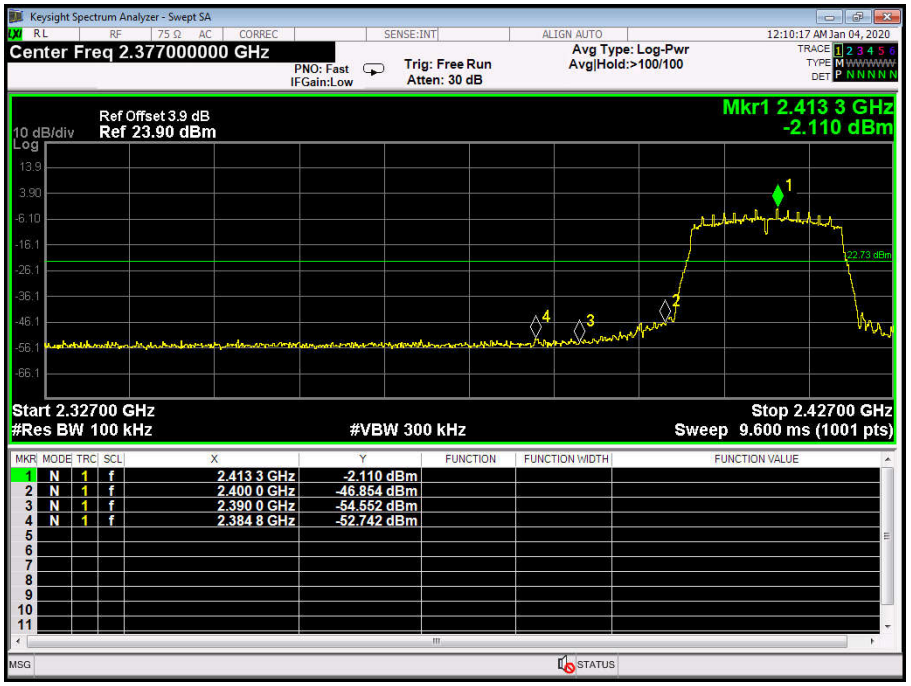


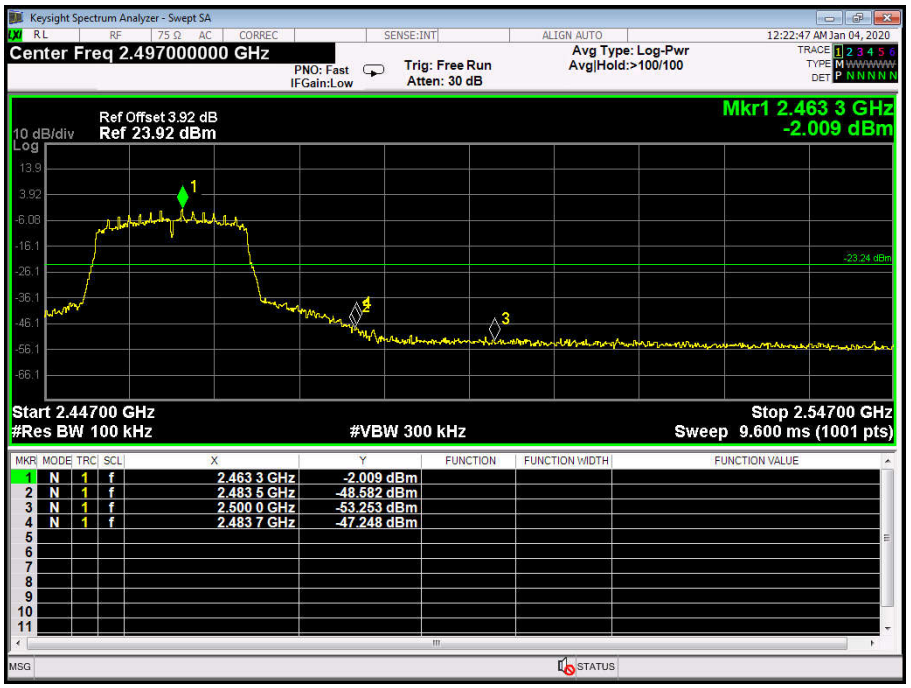


Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX G Mode 2412MHz / TX G Mode 2462MHz		
Remark:	The EUT is programed in continuously transmitting mode		

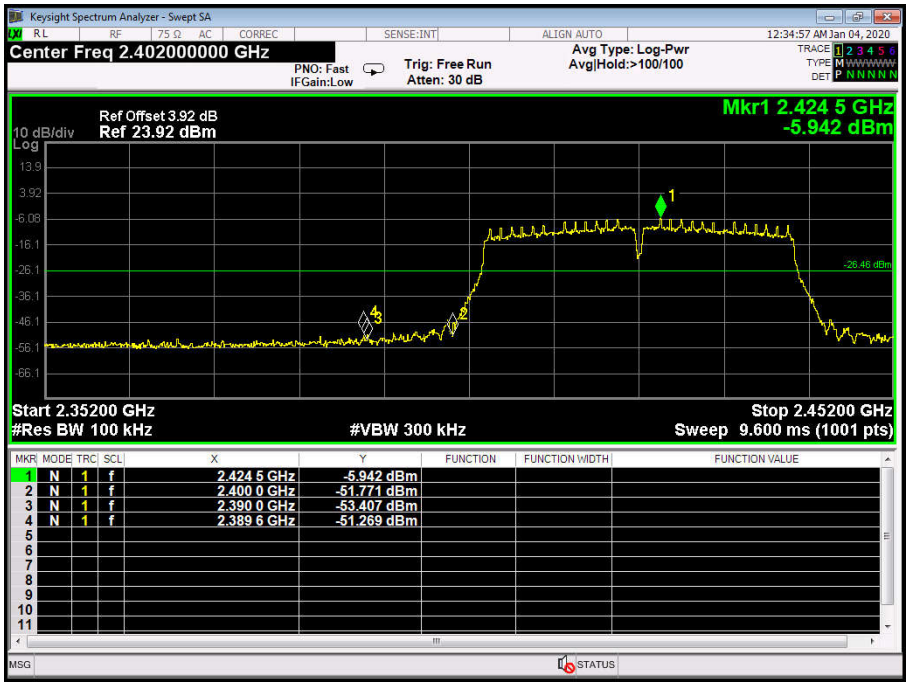


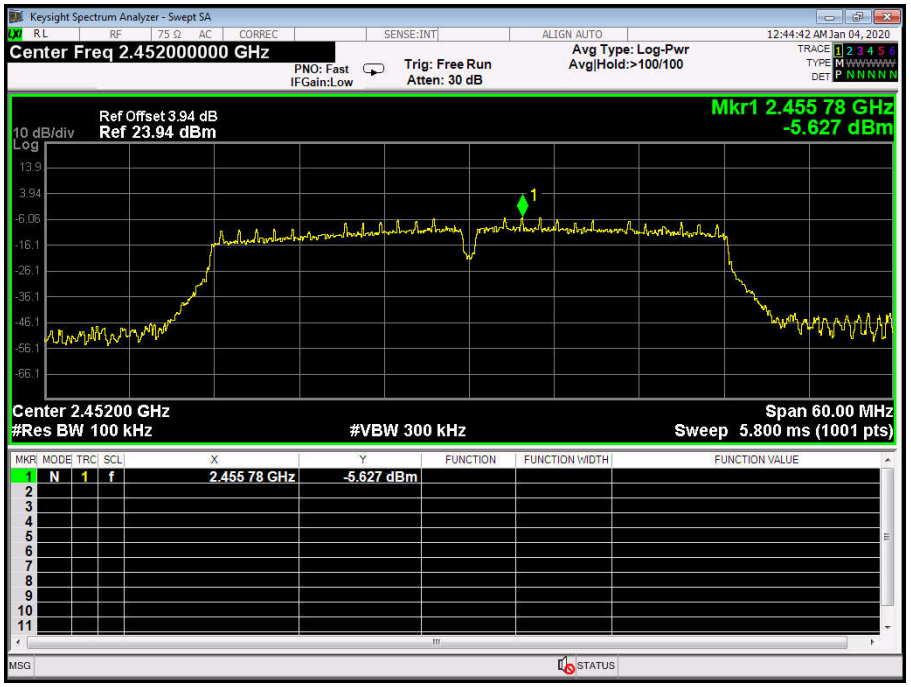
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX N(HT20) Mode 2412MHz / TX N(HT20) Mode 2462MHz		
Remark:	The EUT is programed in continuously transmitting mode		





Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX N(HT40) Mode 2422MHz / TX N(HT40) Mode 2452MHz		
Remark:	The EUT is programed in continuously transmitting mode		





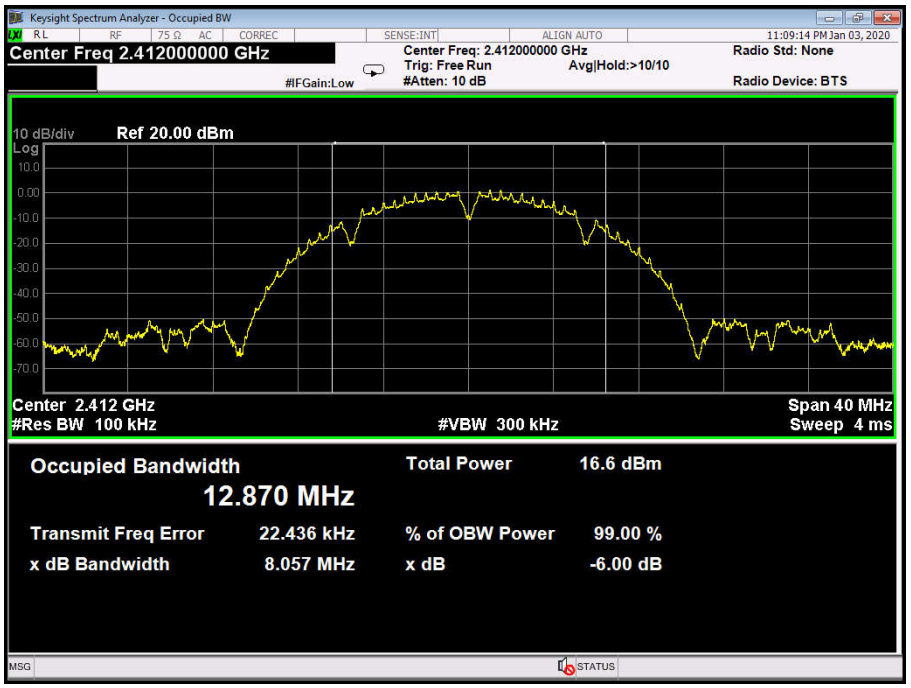
Attachment D-- Bandwidth Test Data

Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11B Mode		

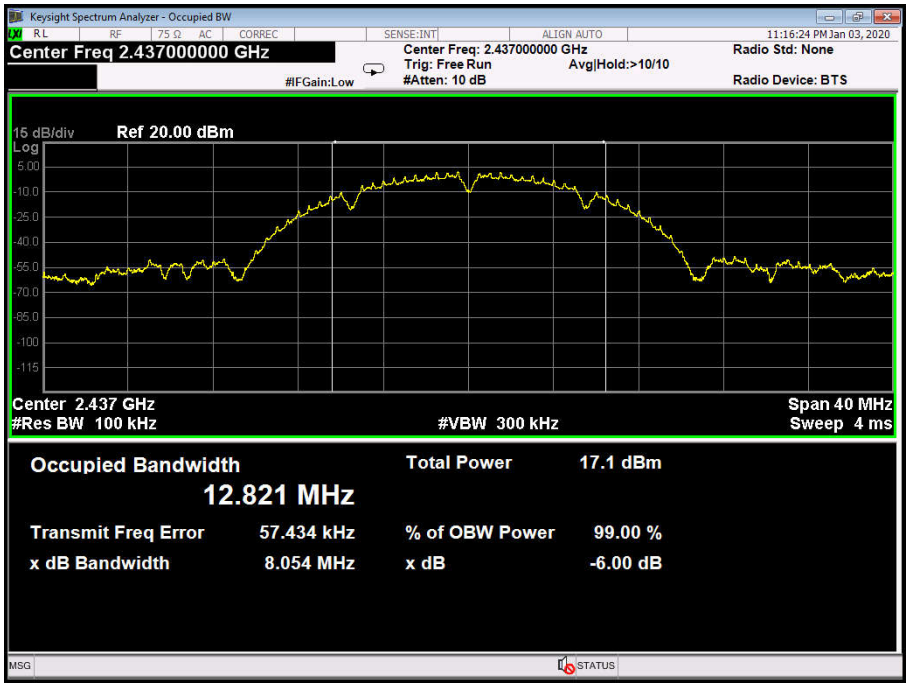
Channel frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)
2412	8.057	12.870	>=0.5
2437	8.054	12.821	
2462	8.065	12.669	

802.11B Mode

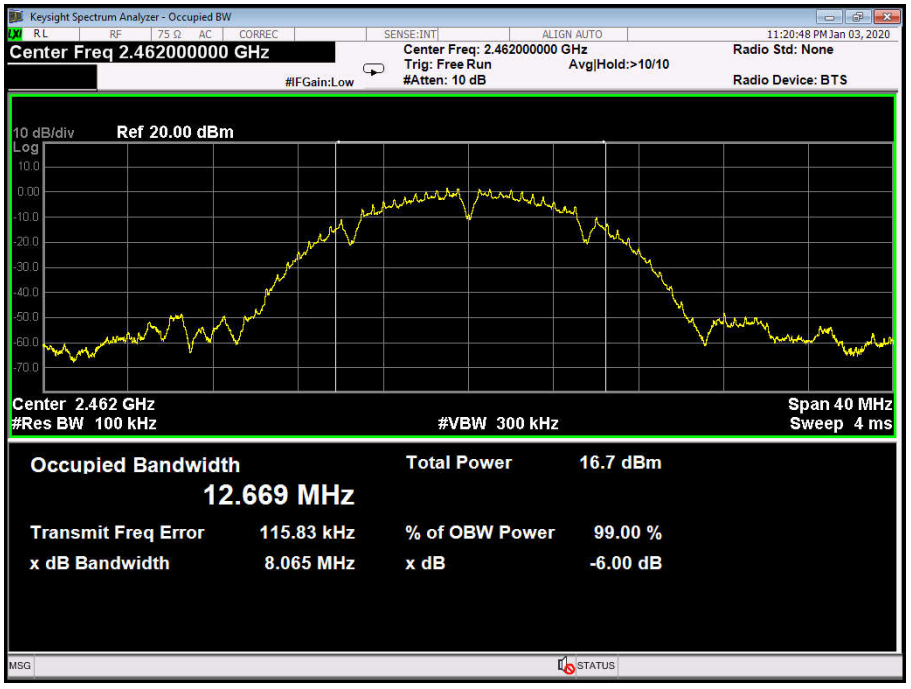
2412 MHz



802.11B Mode
2437 MHz



802.11B Mode
2462 MHz

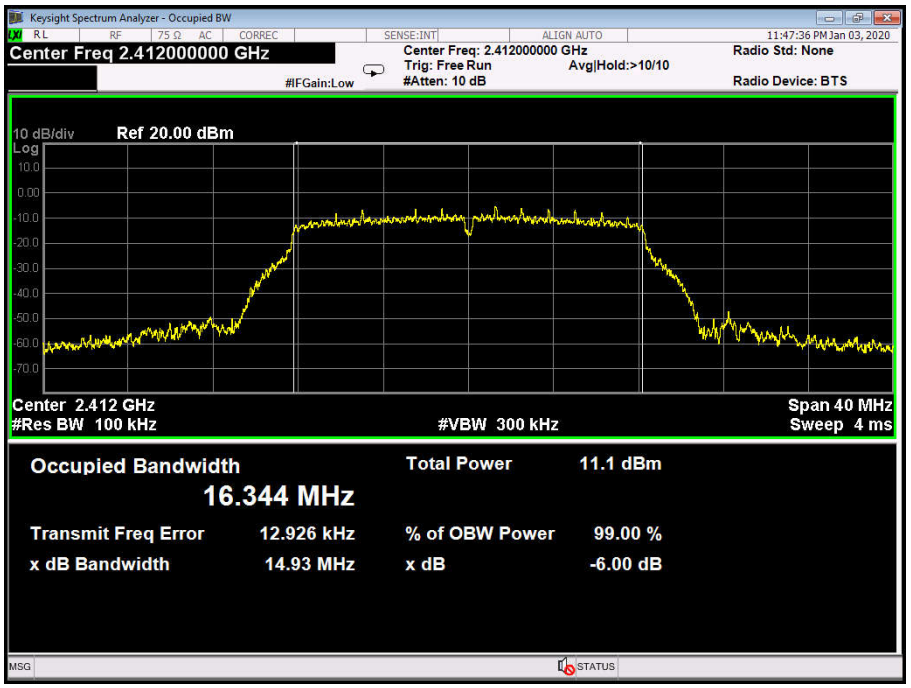


Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11G Mode		

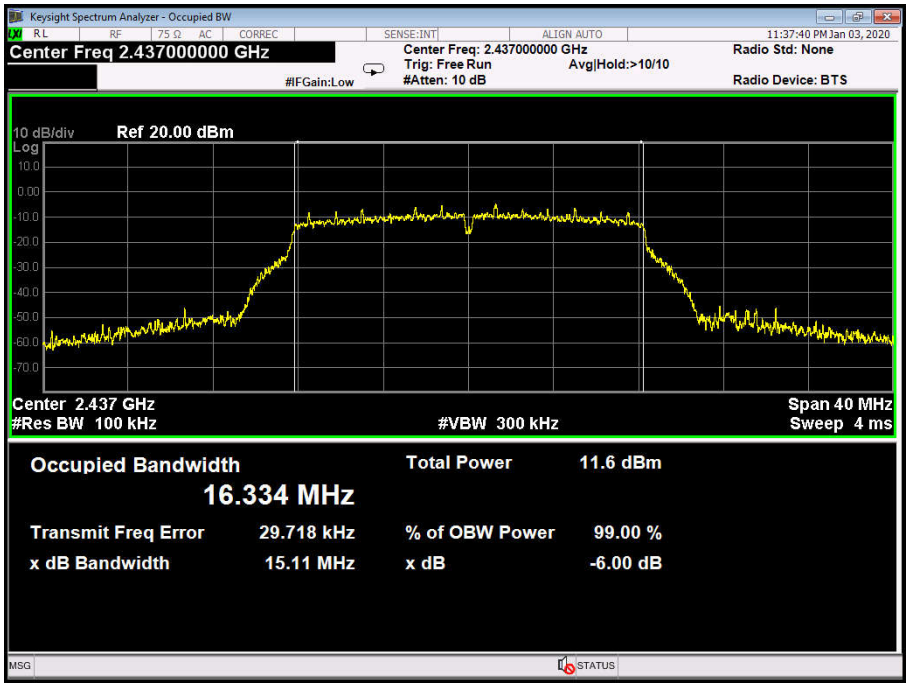
Channel frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)
2412	14.93	16.344	>=0.5
2437	15.11	16.334	
2462	15.30	16.342	

802.11G Mode

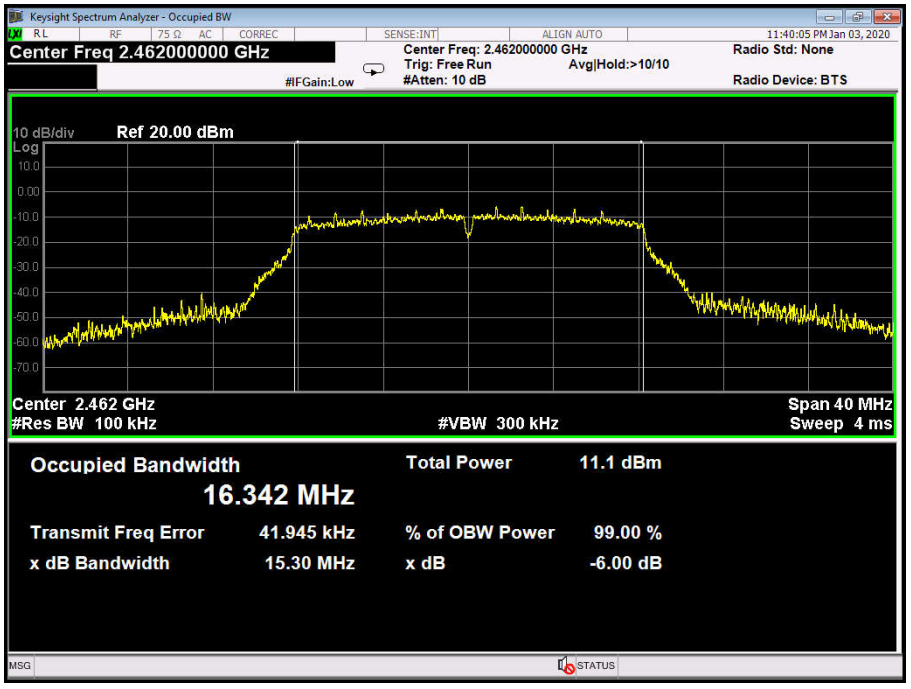
2412 MHz



802.11G Mode
2437 MHz



802.11G Mode
2462 MHz

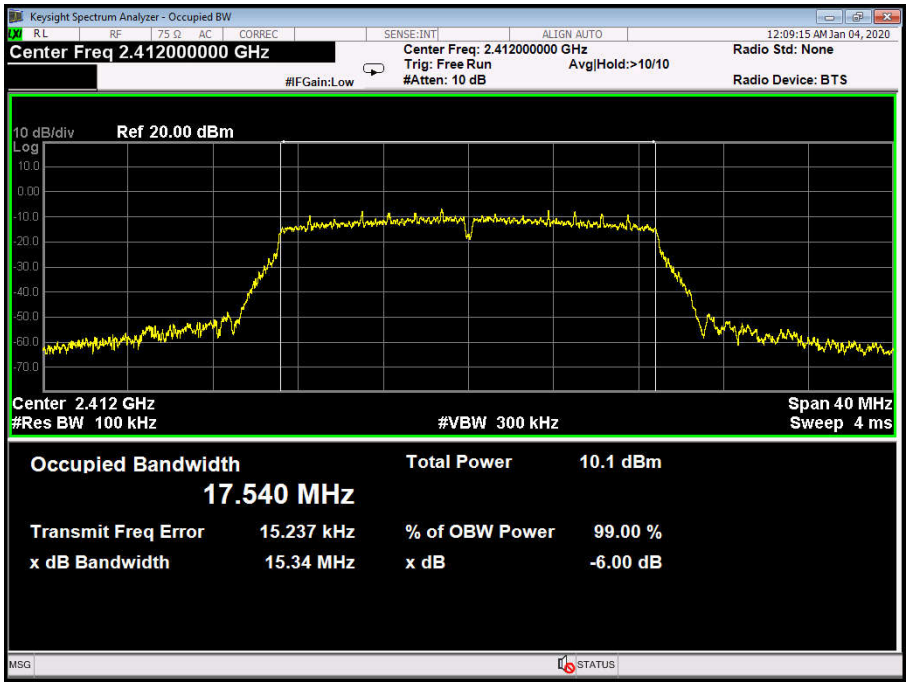


Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11N(HT20) Mode		

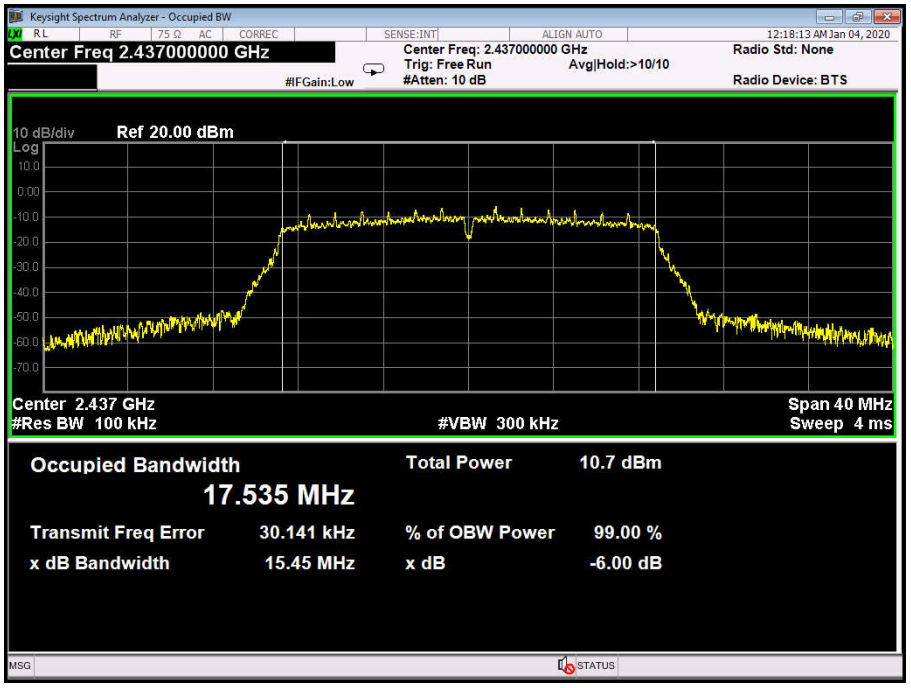
Channel frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)
2412	15.34	17.540	>=0.5
2437	15.45	17.535	
2462	17.70	17.520	

802.11N(HT20) Mode

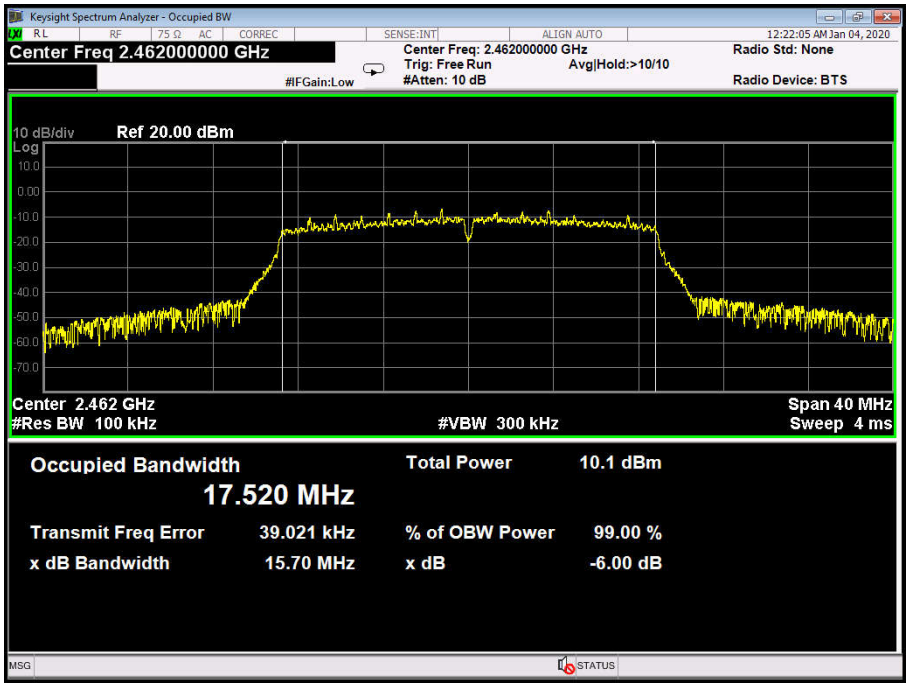
2412 MHz



802.11N(HT20) Mode
2437 MHz



802.11N(HT20) Mode
2462 MHz

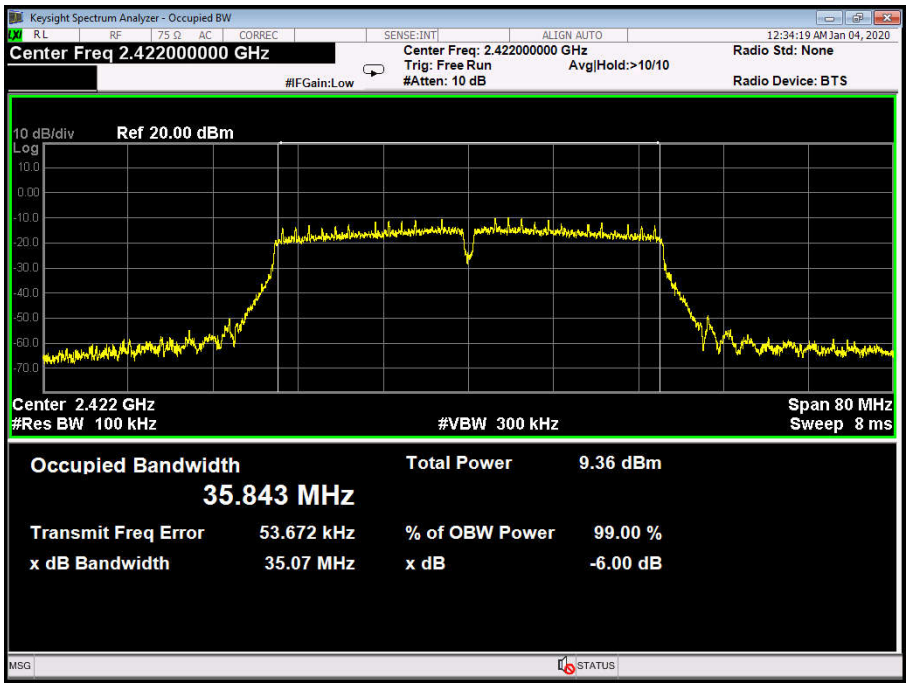


Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11N(HT40) Mode		

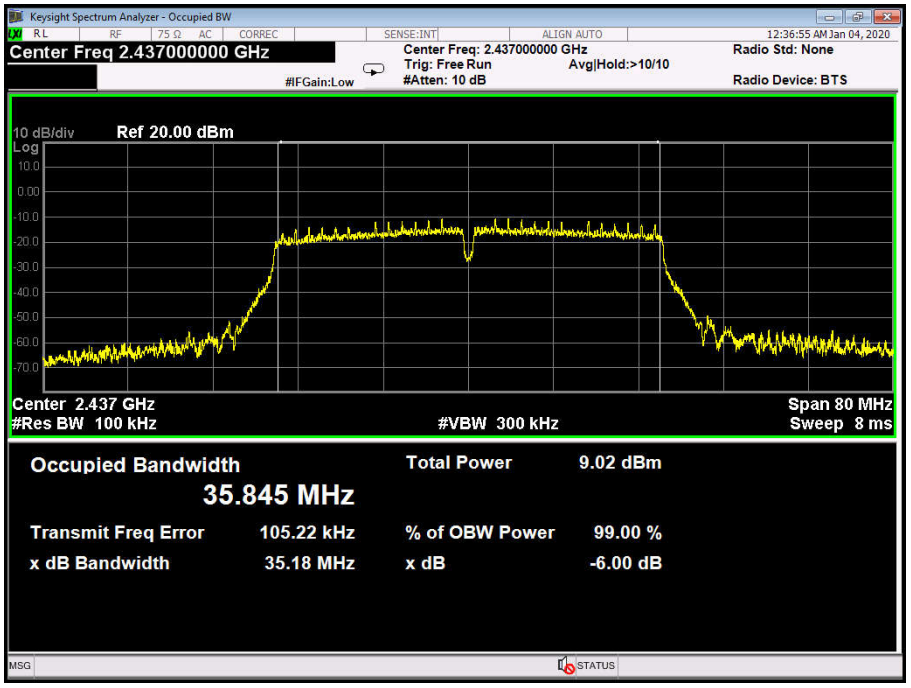
Channel frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)
2422	35.07	35.843	>=0.5
2437	35.18	35.845	
2452	35.08	35.842	

802.11N(HT40) Mode

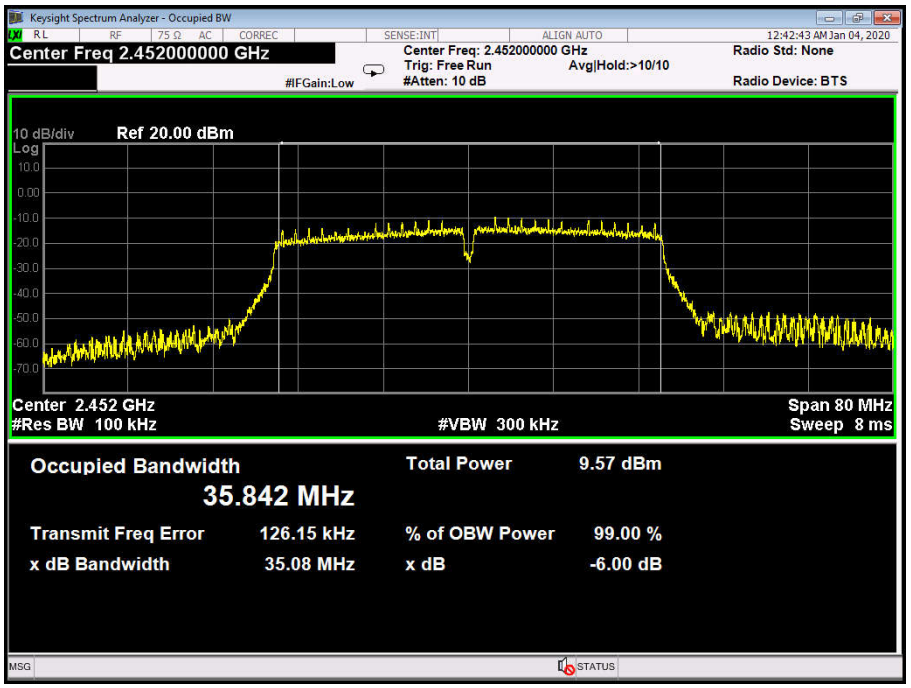
2422 MHz



802.11N(HT40) Mode
2437 MHz



802.11N(HT40) Mode
2452 MHz



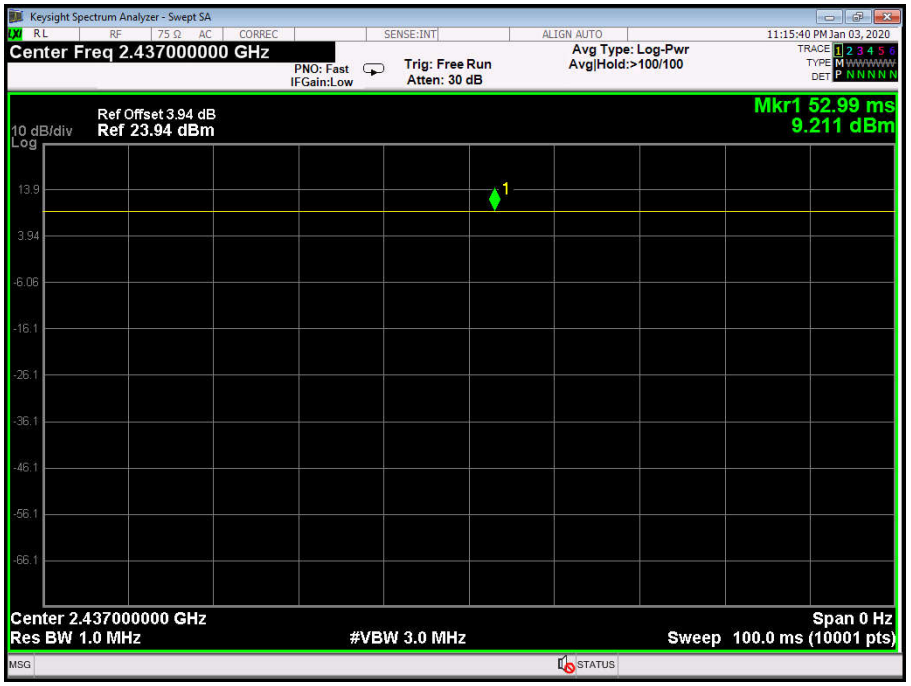
Attachment E-- Peak Output Power Test Data

Test Conditions:	Continuous Transmitting Mode		
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.8V		

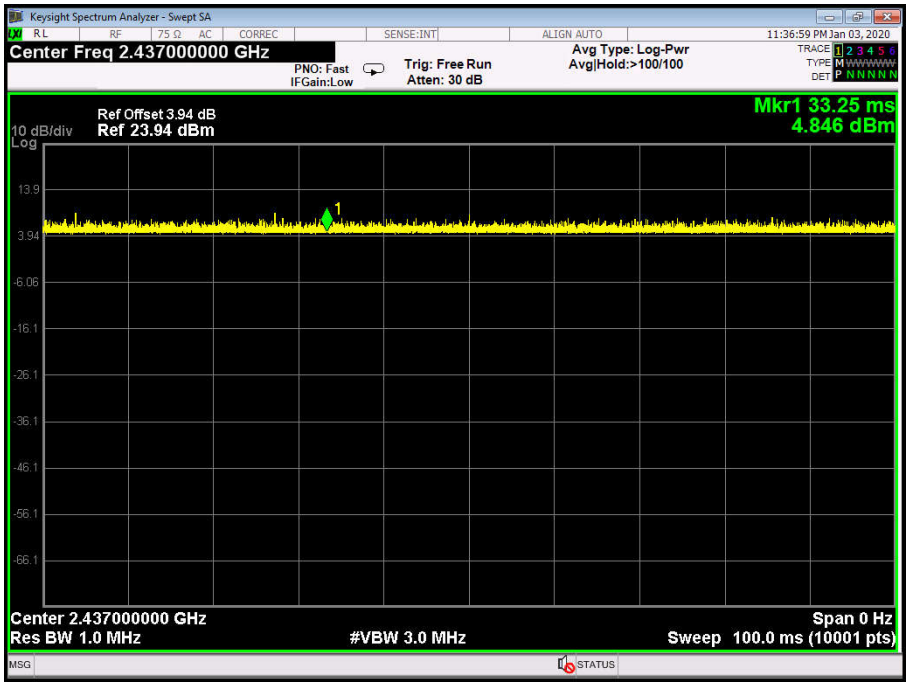
Mode	Channel frequency (MHz)	Test Result (dBm)	Limit (dBm)
802.11b	2412	15.33	30
	2437	15.78	
	2462	15.37	
802.11g	2412	14.32	
	2437	14.80	
	2462	14.35	
802.11n (HT20)	2412	13.25	
	2437	13.82	
	2462	13.28	
802.11n (HT40)	2422	12.54	
	2437	12.16	
	2452	12.81	
Result: PASS			

Duty Cycle		
Mode	Channel frequency (MHz)	Test Result
802.11b	2412	>98%
	2437	
	2462	
802.11g	2412	
	2437	
	2462	
802.11n (HT20)	2412	
	2437	
	2462	
802.11n (HT40)	2422	
	2437	
	2452	
Please see below plots		

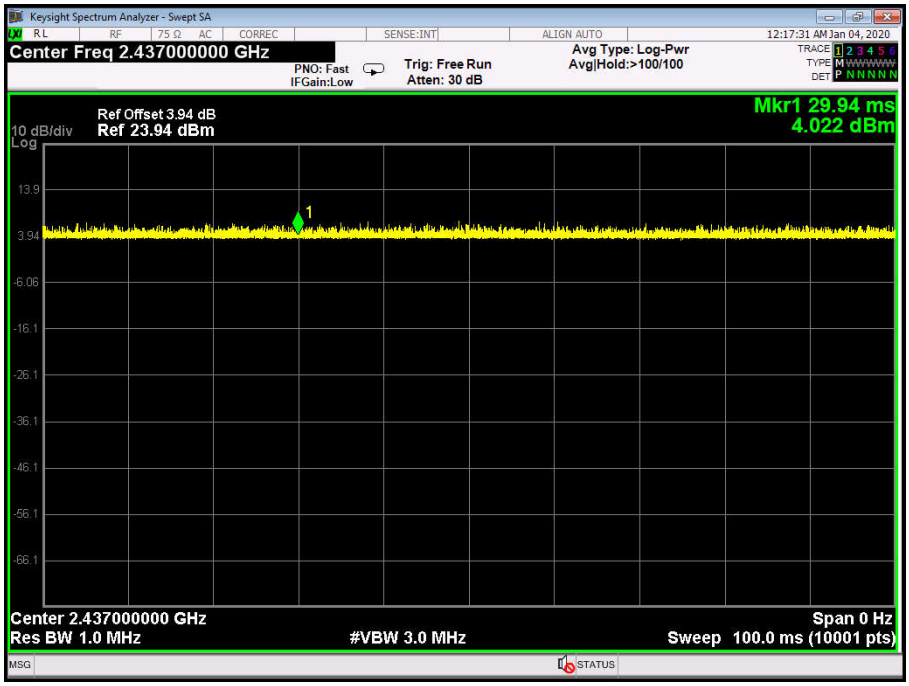
802.11 B Mode 2437 MHz



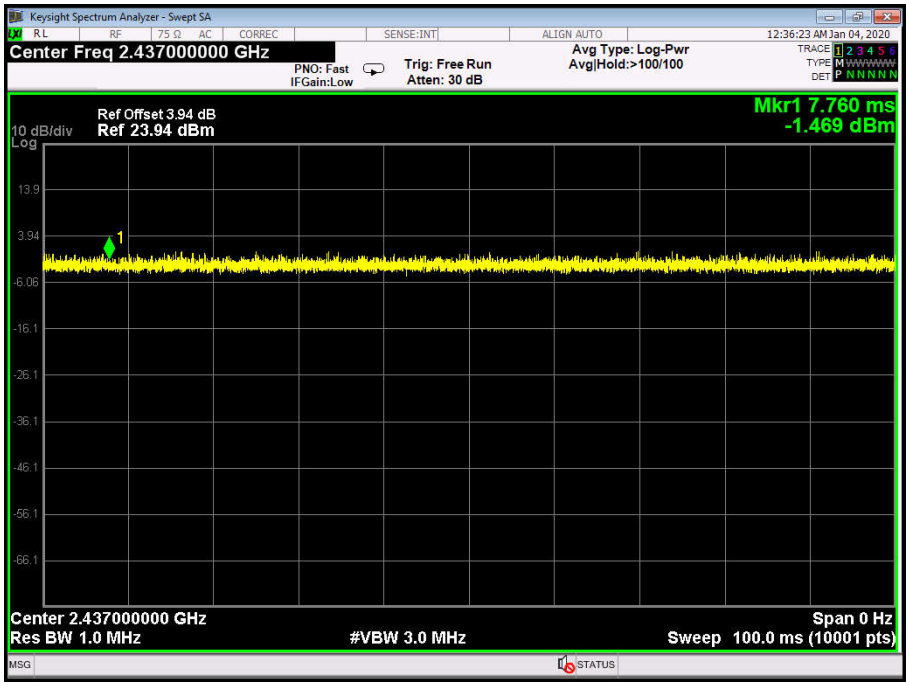
802.11 G Mode 2437 MHz



802.11 N20 Mode 2437 MHz



802.11 N40 Mode 2437 MHz



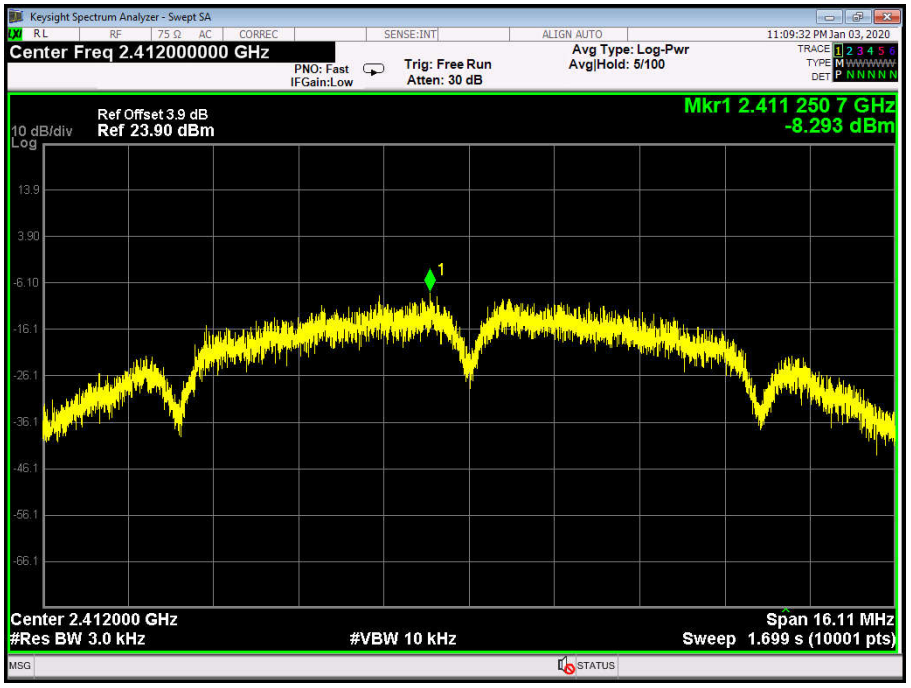
Attachment F-- Power Spectral Density Test Data

Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11B Mode		

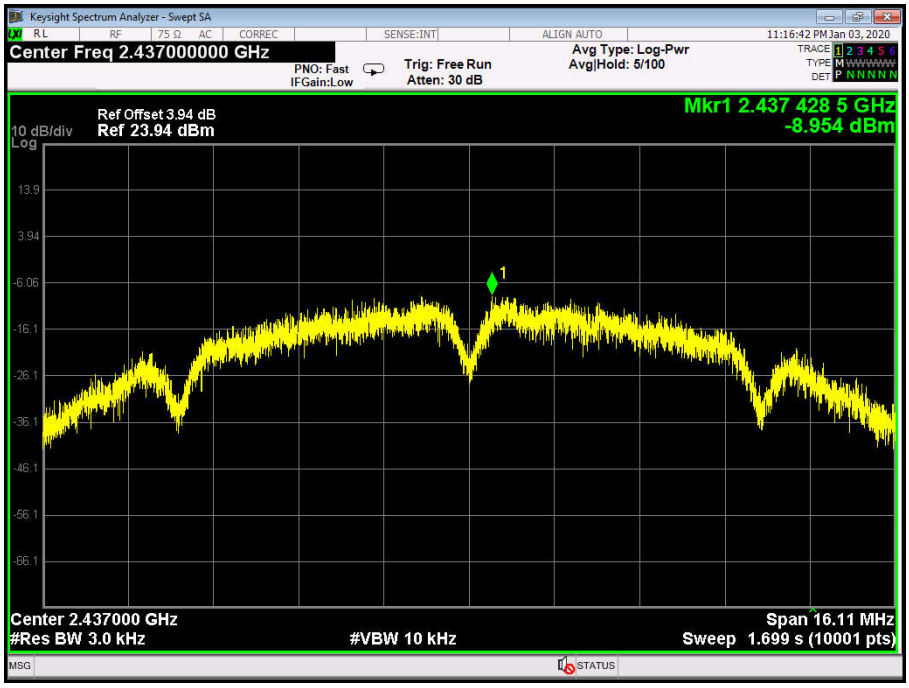
Channel Frequency (MHz)	Power Density (dBm/3 kHz)	Limit (dBm/3 kHz)
2412	-8.293	8
2437	-8.954	
2462	-8.140	

802.11B Mode

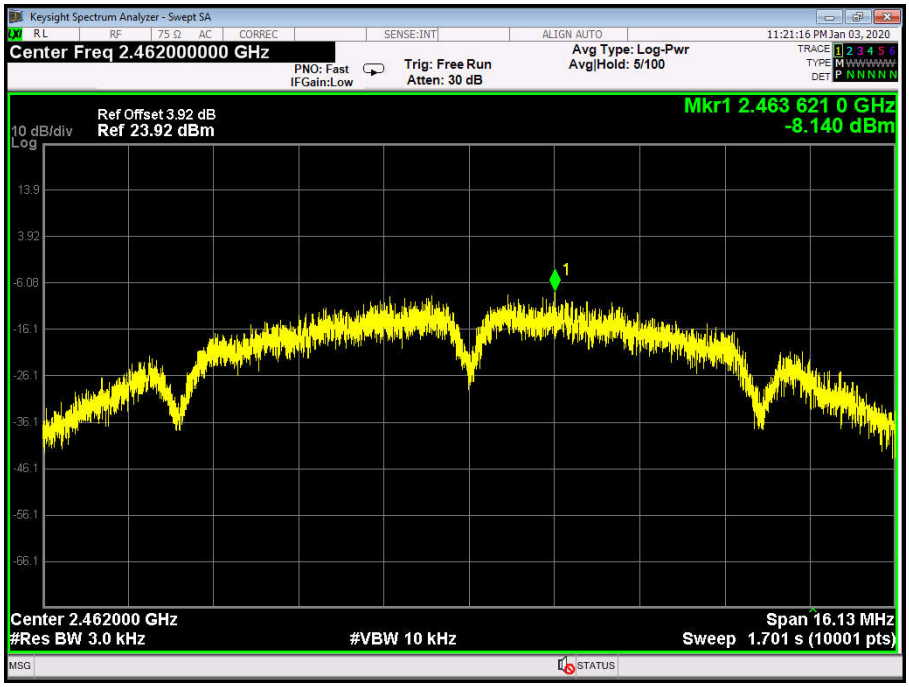
2412 MHz



802.11B Mode
2437 MHz



802.11B Mode
2462 MHz

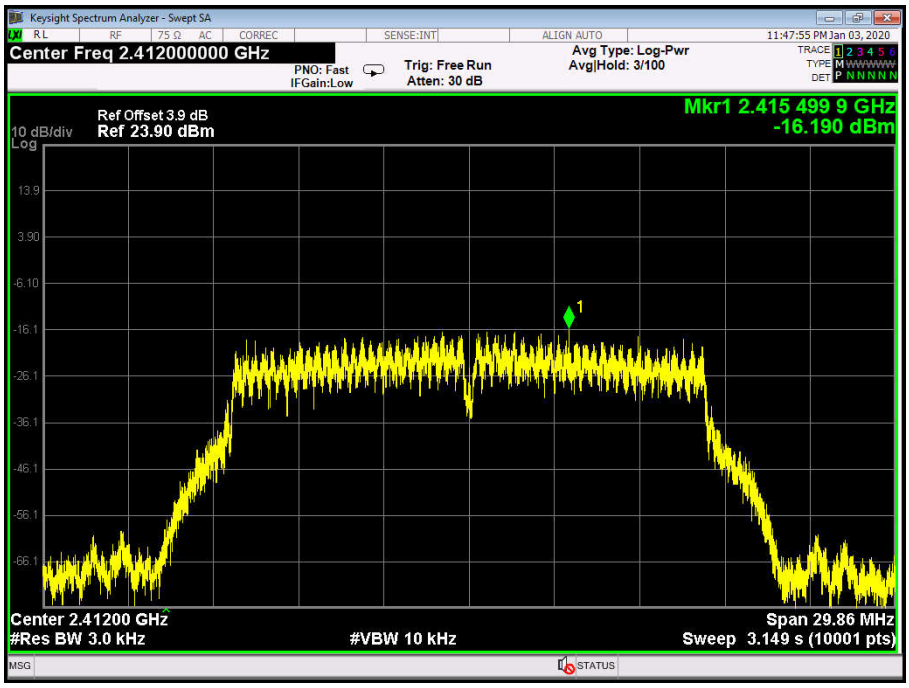


Temperature:	25 ℃	Temperature:	25 ℃
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11G Mode		

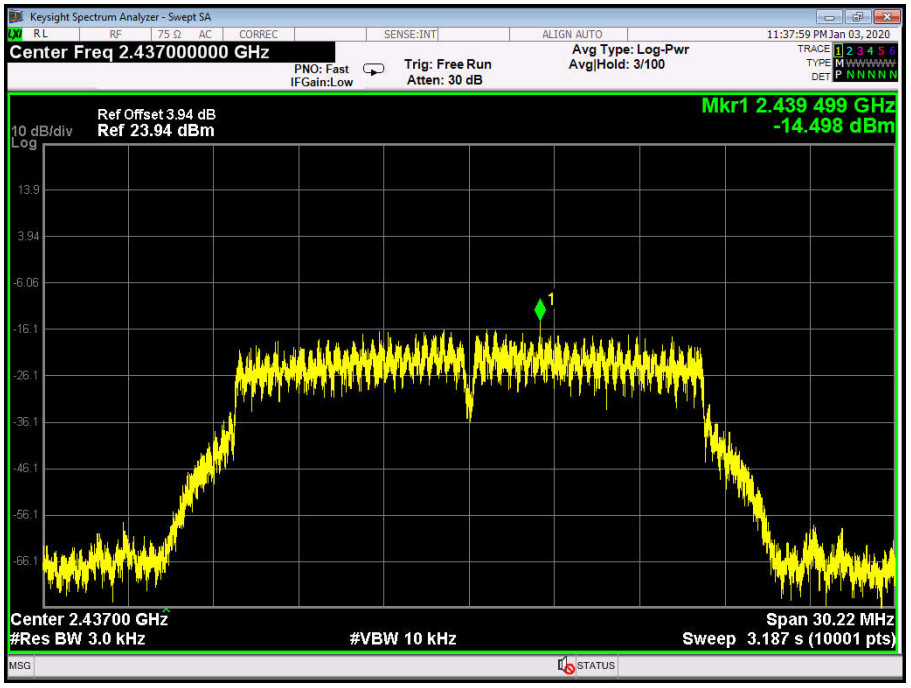
Channel Frequency (MHz)	Power Density (dBm/3 kHz)	Limit (dBm/3 kHz)
2412	-16.190	8
2437	-14.498	
2462	-14.807	

802.11G Mode

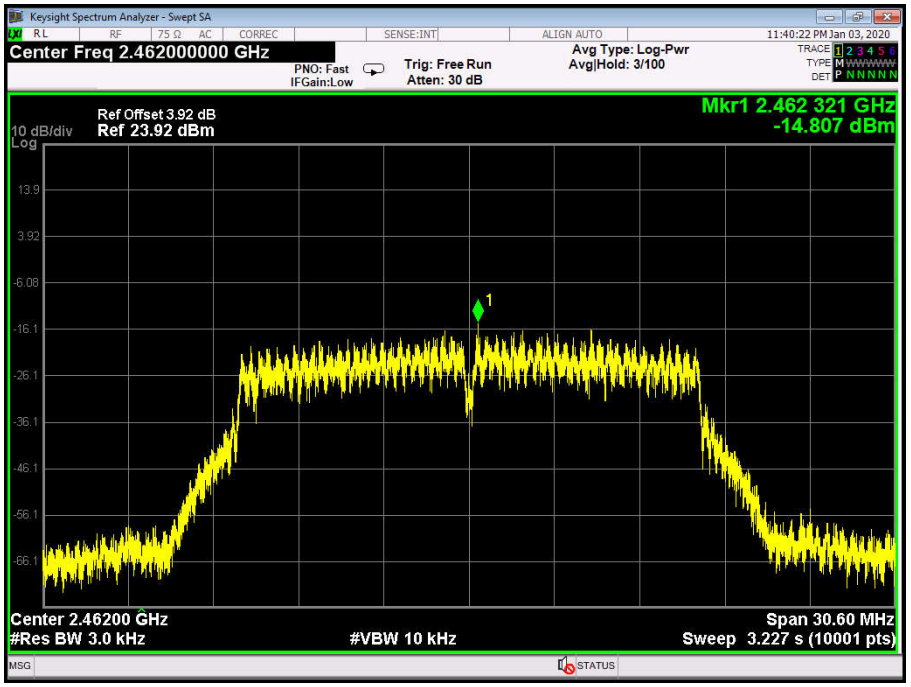
2412 MHz



802.11G Mode
2437 MHz



802.11G Mode
2462 MHz

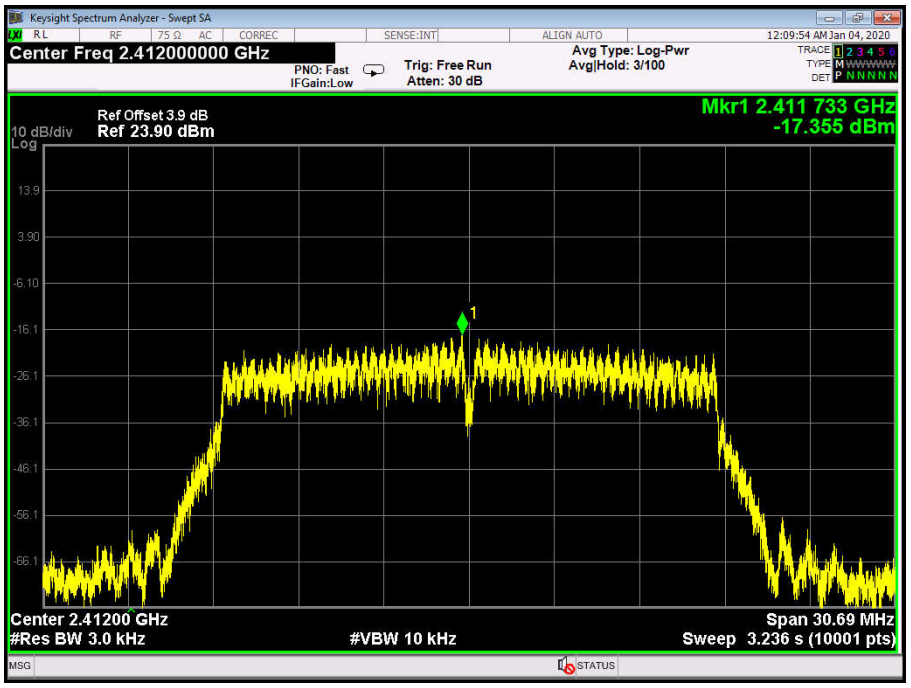


Temperature:	25 ℃	Temperature:	25 ℃
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11N(HT20) Mode		

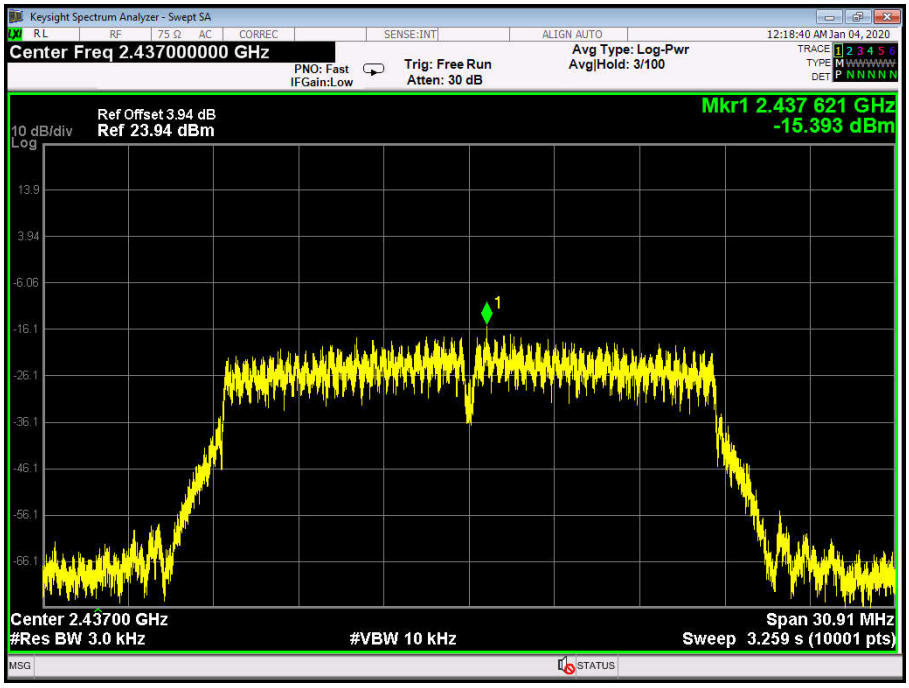
Channel Frequency (MHz)	Power Density (dBm/3 kHz)	Limit (dBm/3 kHz)
2412	-17.355	8
2437	-15.393	
2462	-17.412	

802.11N(HT20) Mode

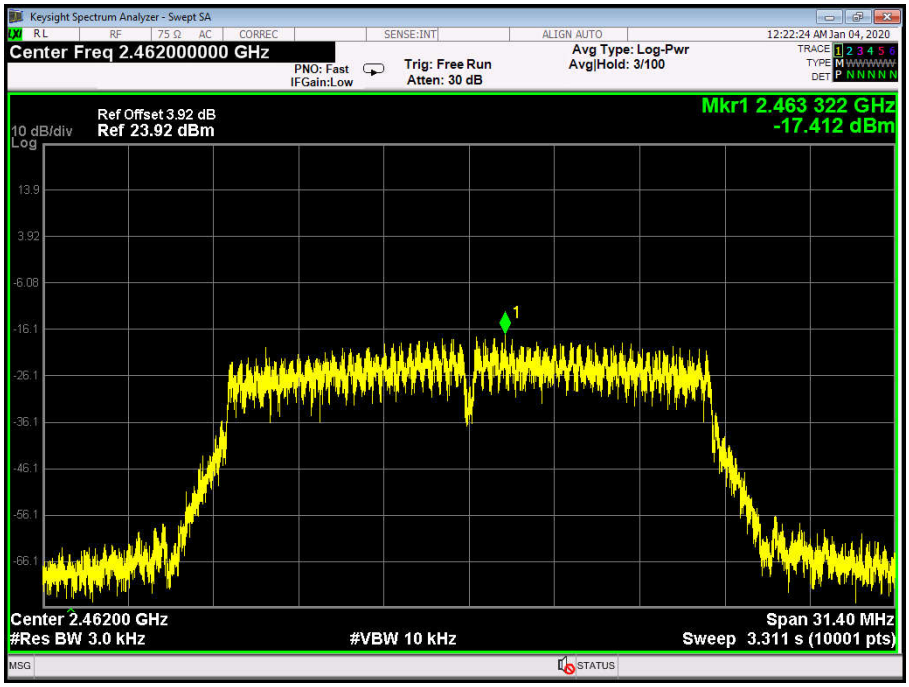
2412 MHz



802.11N(HT20) Mode
2437 MHz



802.11N(HT20) Mode
2462 MHz

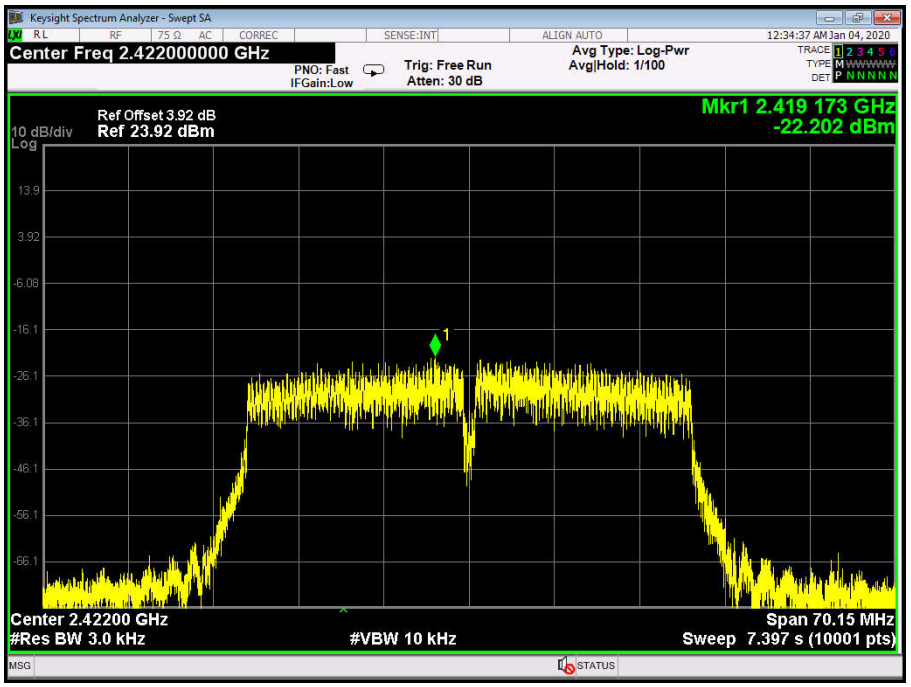


Temperature:	25 ℃	Temperature:	25 ℃
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11N(HT40) Mode		

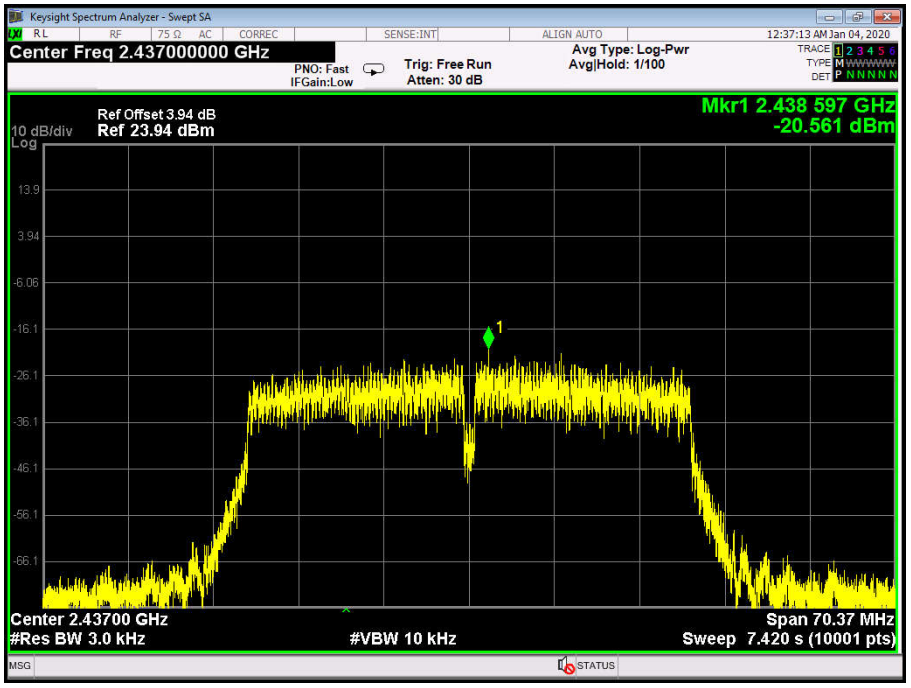
Channel Frequency (MHz)	Power Density (dBm/3 kHz)	Limit (dBm/3 kHz)
2422	-22.202	8
2437	-20.561	
2452	-20.788	

802.11N(HT40) Mode

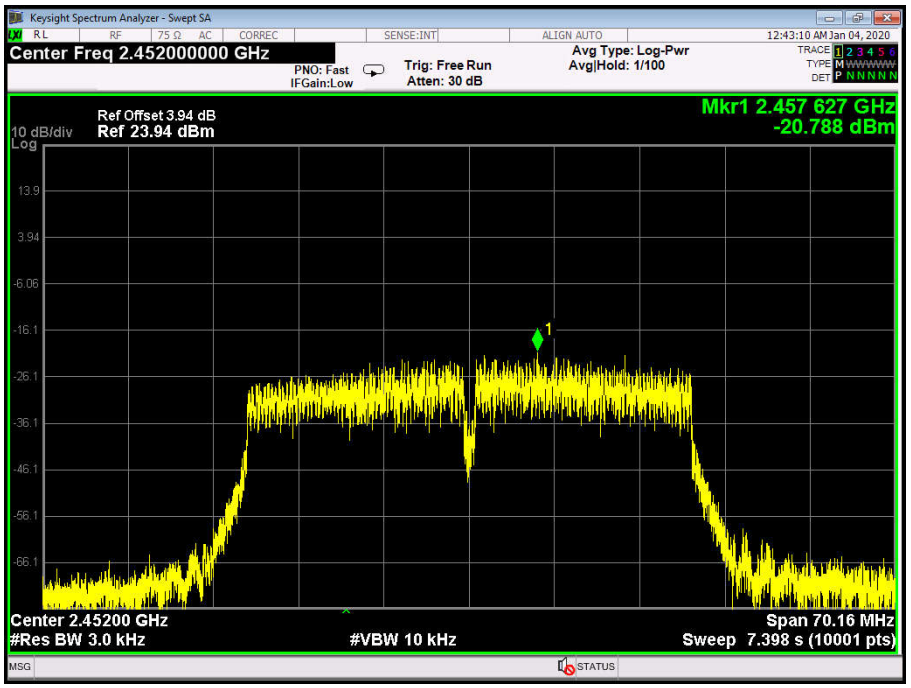
2422 MHz



802.11N(HT40) Mode
2437 MHz



802.11N(HT40) Mode
2452 MHz



-----END OF REPORT-----