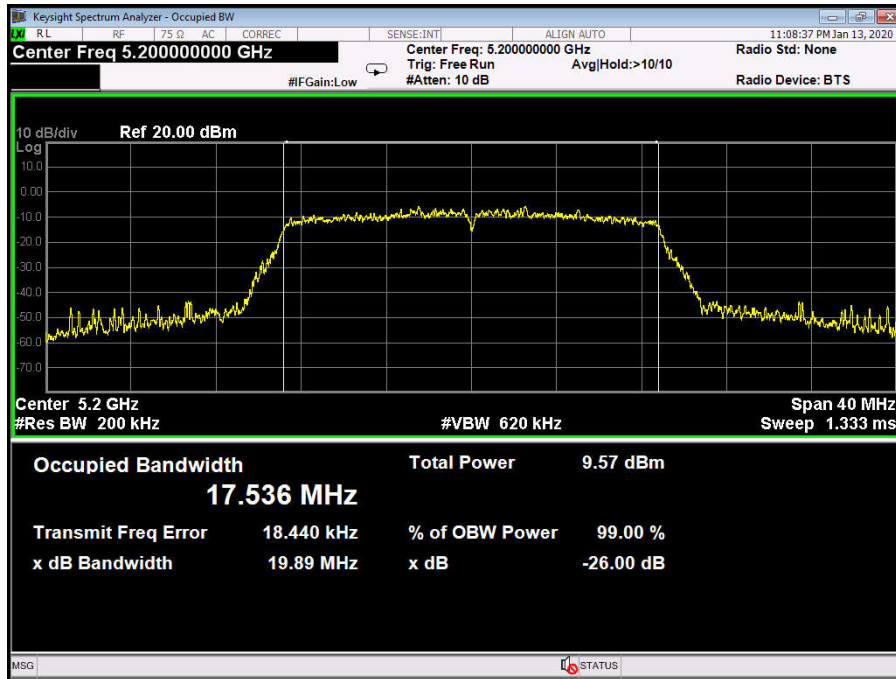


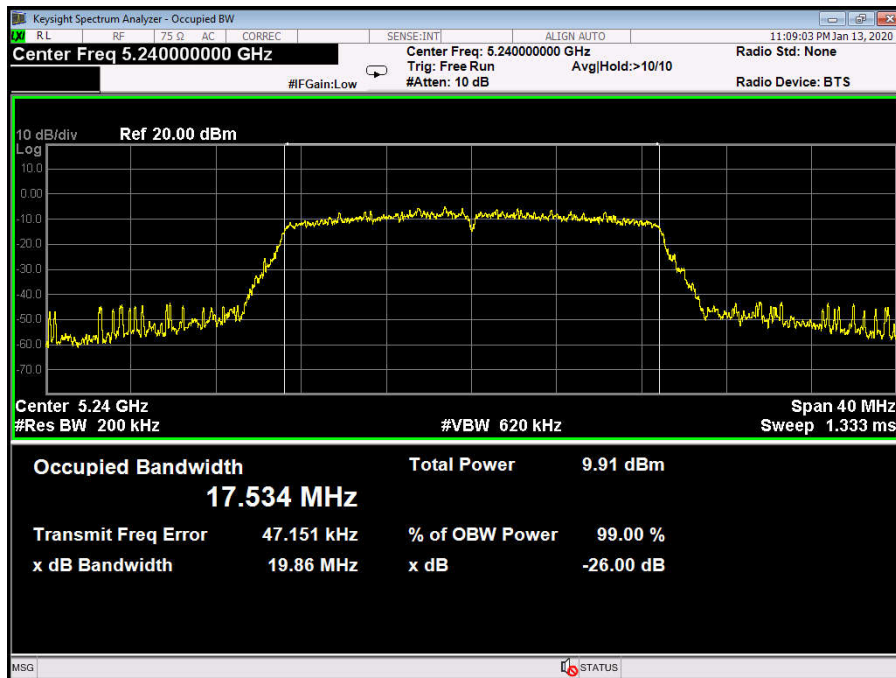
802.11n(HT20) Mode

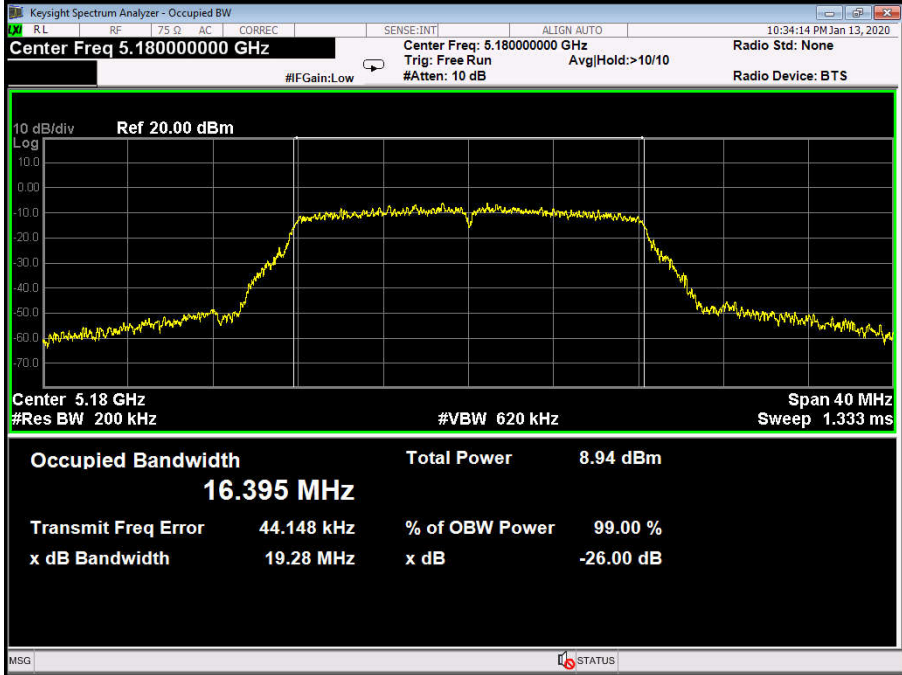
5200 MHz



802.11n(HT20) Mode

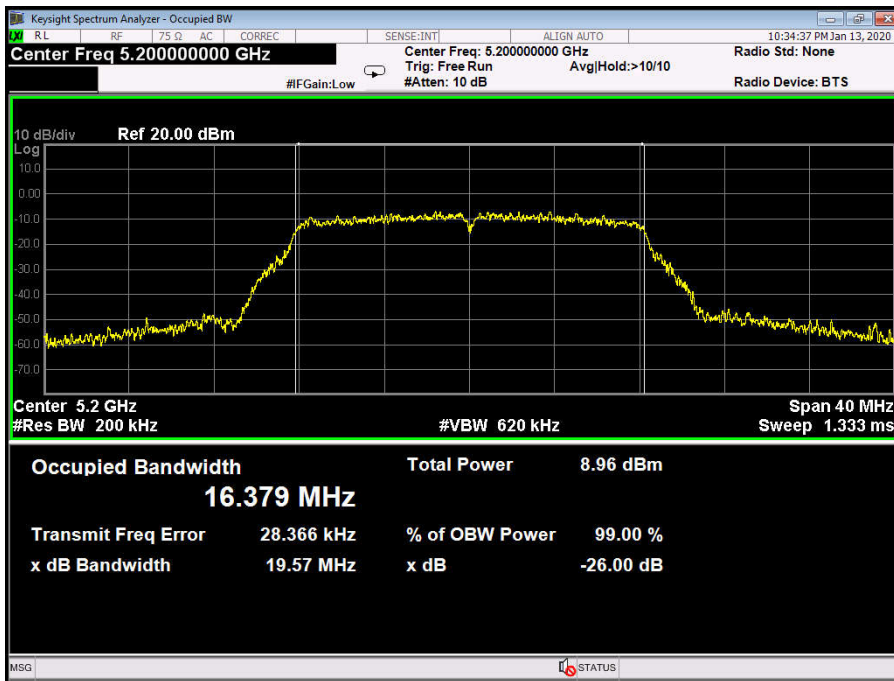
5240 MHz



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11ac(VHT20) Mode (U-NII-1)		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
36	5180	20.67	17.723
40	5200	20.38	17.710
48	5240	20.59	17.718
802.11ac(VHT20) Mode			
5180 MHz			
			

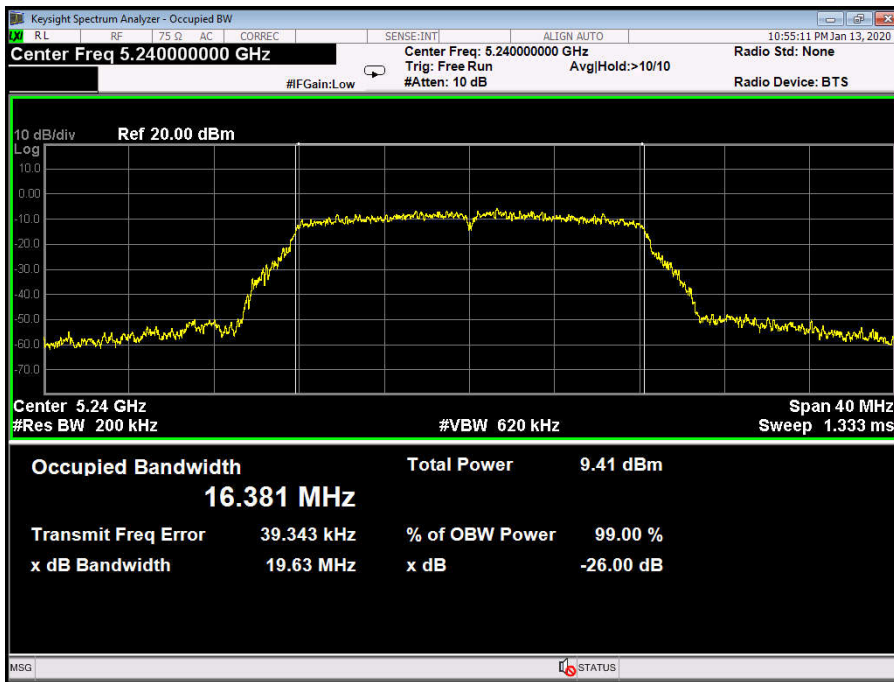
802.11ac(VHT20) Mode

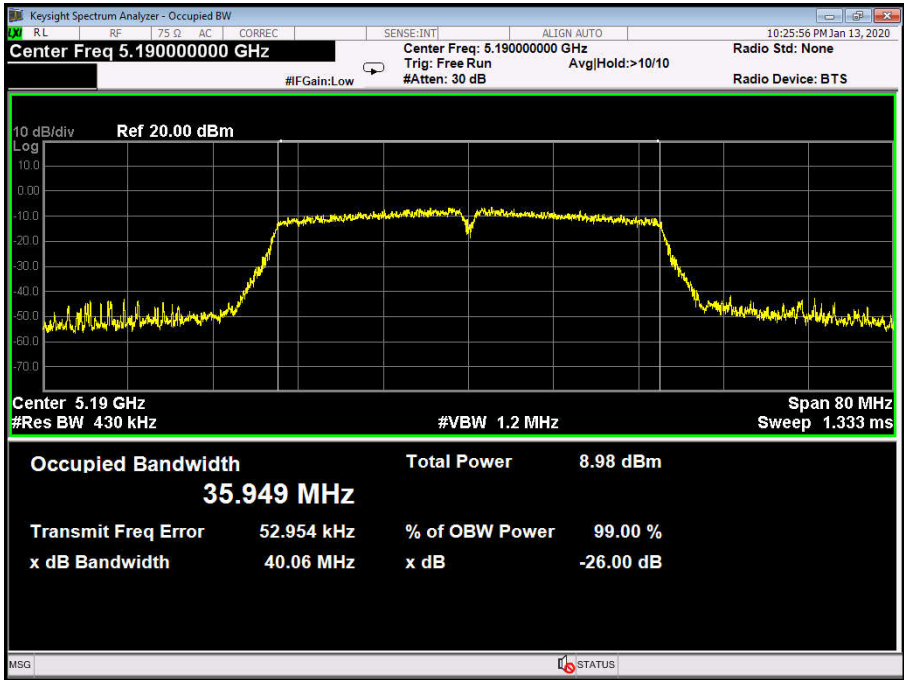
5200 MHz



802.11ac(VHT20) Mode

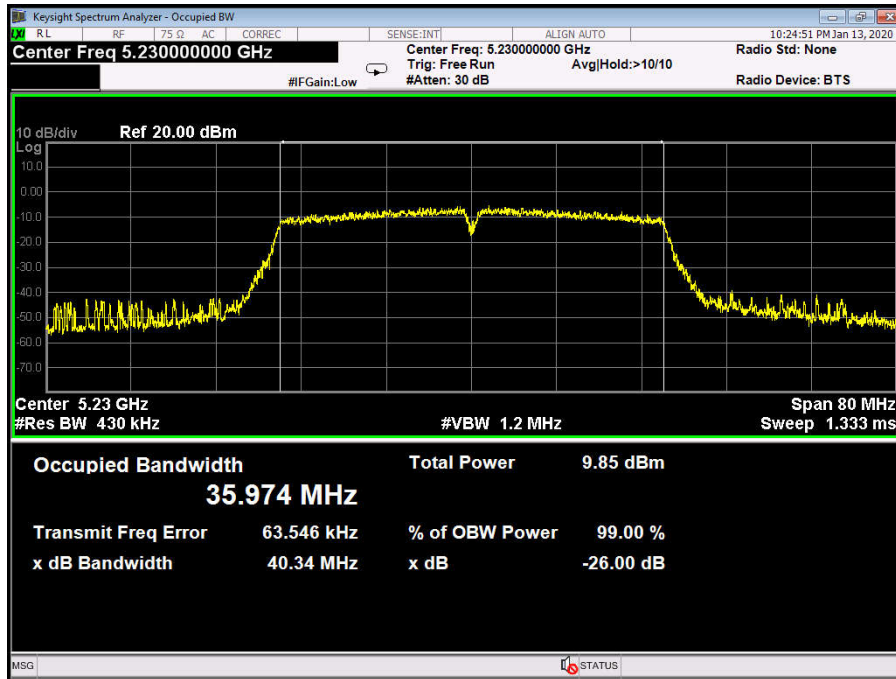
5240 MHz

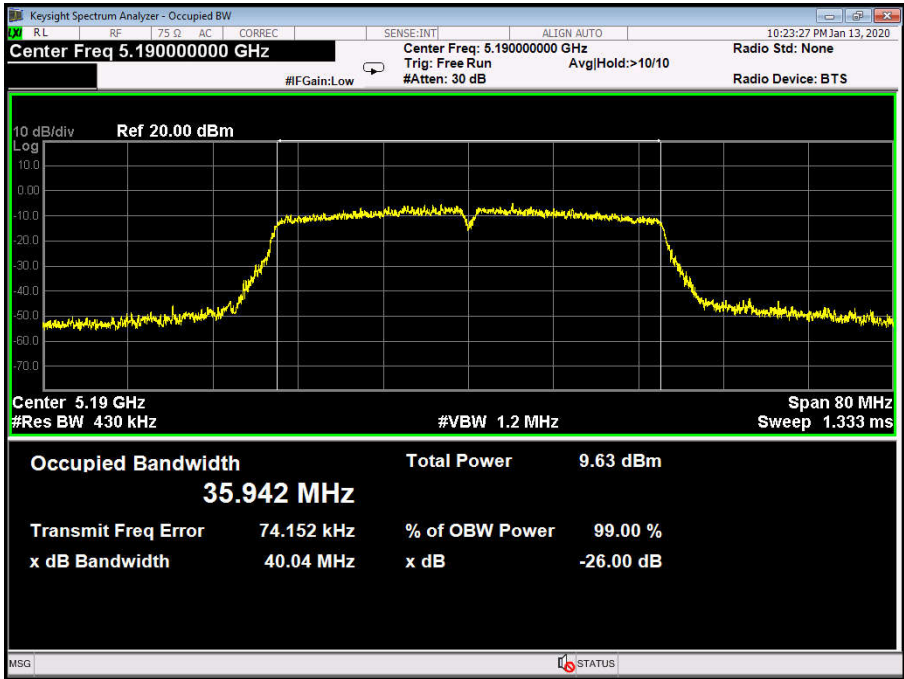


Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11N(HT40) Mode (U-NII-1)		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
38	5190	40.95	36.047
46	5230	46.63	36.087
802.11N(HT40) Mode			
5190 MHz			
 <p>The screenshot shows a Keysight Spectrum Analyzer interface. The main display is a log-scale plot of power spectral density (PSD) in dBm/Hz versus frequency in MHz. The center frequency is 5.19 GHz. The plot shows a signal with a bandwidth of approximately 35.949 MHz. The total power is 8.98 dBm. The occupied bandwidth (OBW) is 35.949 MHz, and the x dB bandwidth is 40.06 MHz. The transmit frequency error is 52.954 kHz, and the percentage of OBW power is 99.00%. The x dB value is -26.00 dB. The resolution bandwidth (Res BW) is 430 kHz, and the video bandwidth (VBW) is 1.2 MHz. The span is 80 MHz, and the sweep time is 1.333 ms. The reference level is 20.00 dBm. The plot shows a signal with a bandwidth of approximately 35.949 MHz. The total power is 8.98 dBm. The occupied bandwidth (OBW) is 35.949 MHz, and the x dB bandwidth is 40.06 MHz. The transmit frequency error is 52.954 kHz, and the percentage of OBW power is 99.00%. The x dB value is -26.00 dB. The resolution bandwidth (Res BW) is 430 kHz, and the video bandwidth (VBW) is 1.2 MHz. The span is 80 MHz, and the sweep time is 1.333 ms. The reference level is 20.00 dBm.</p>			

802.11N(HT40) Mode

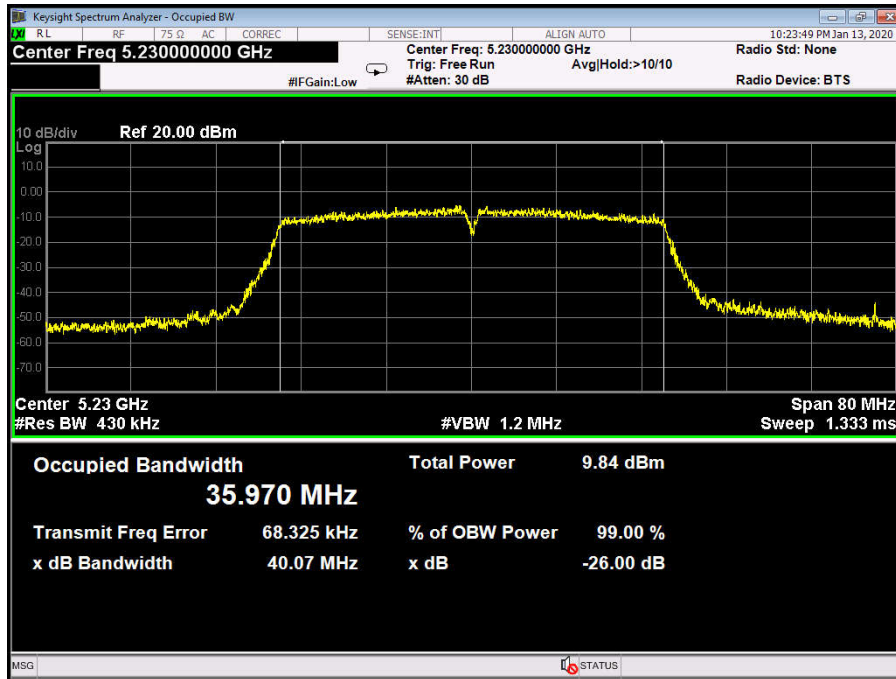
5230 MHz

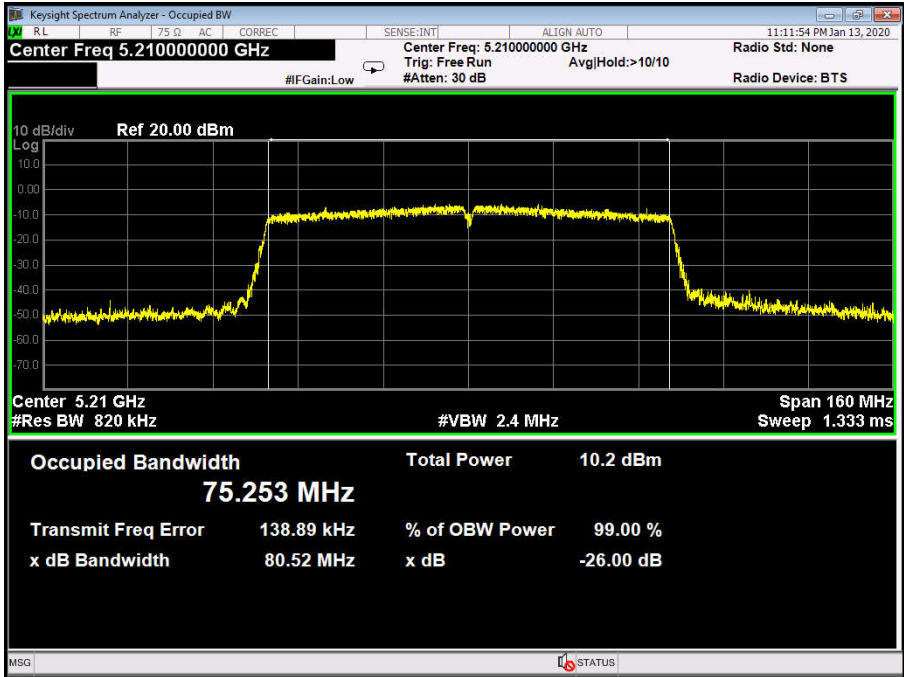


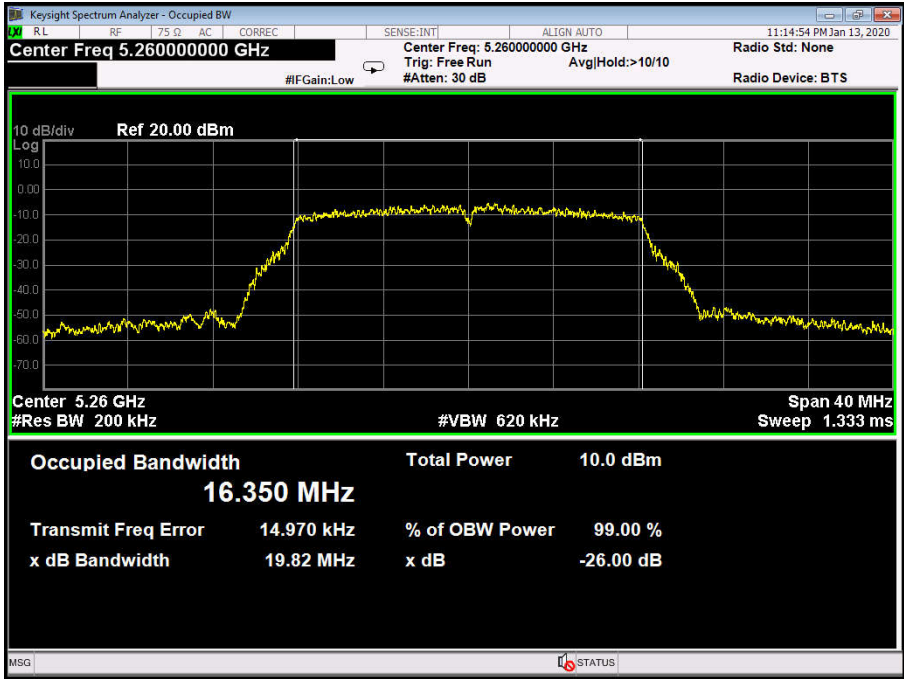
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11ac(VHT40) Mode (U-NII-1)		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
38	5190	40.79	36.090
46	5230	40.86	36.035
802.11ac(VHT40) Mode			
5190 MHz			
			

802.11ac(VHT40) Mode

5230 MHz

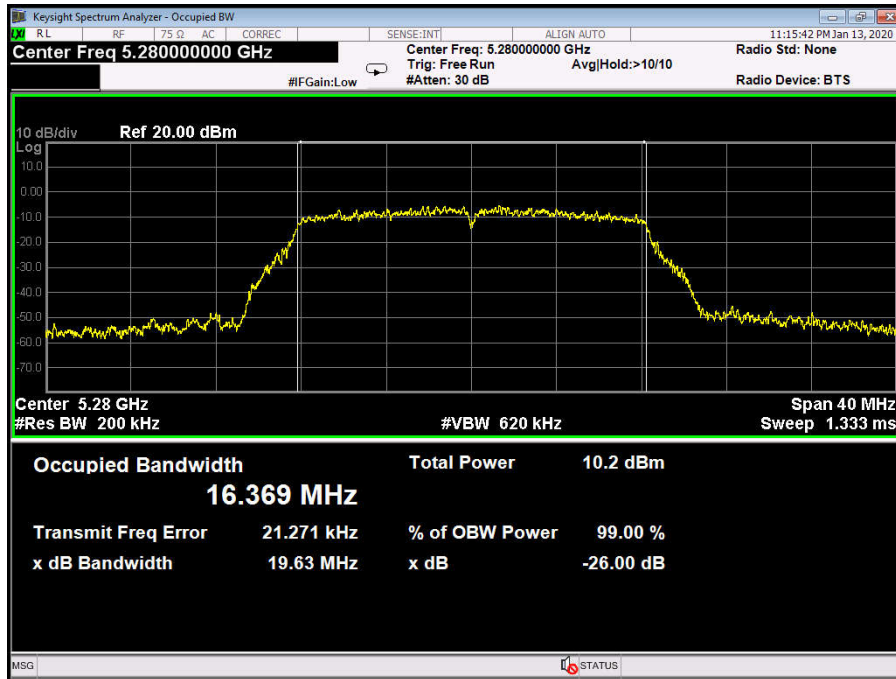


Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11ac(VHT80) Mode (U-NII-1)		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
42	5210	75.465	81.80
802.11ac(VHT80) Mode			
5210 MHz			
			

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11a Mode (U-NII-2A)		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
52	5260	20.20	16.672
56	5280	20.04	16.664
64	5320	20.32	16.684
802.11a Mode			
5260 MHz			
			

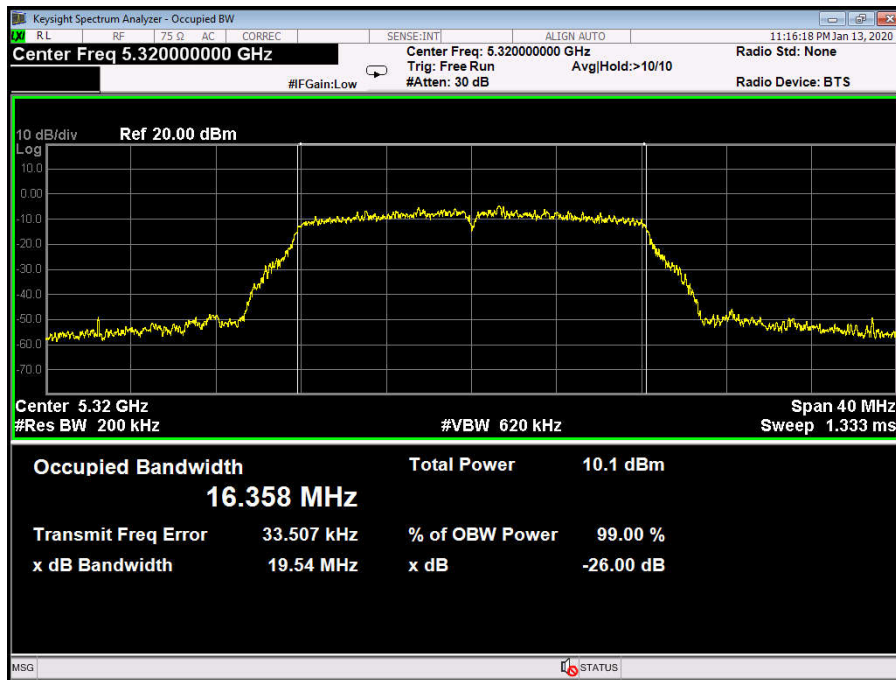
802.11a Mode

5280 MHz



802.11a Mode

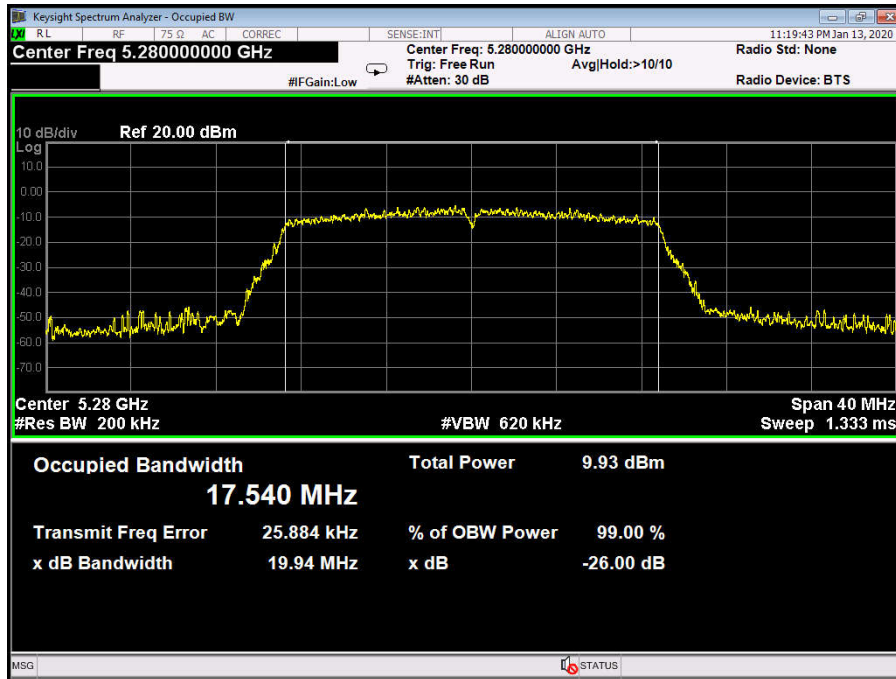
5320 MHz



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11n(HT20) Mode (U-NII-2A)		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
52	5260	22.56	17.766
56	5280	23.76	17.755
64	5320	20.23	17.731
802.11n(HT20) Mode			
5260 MHz			

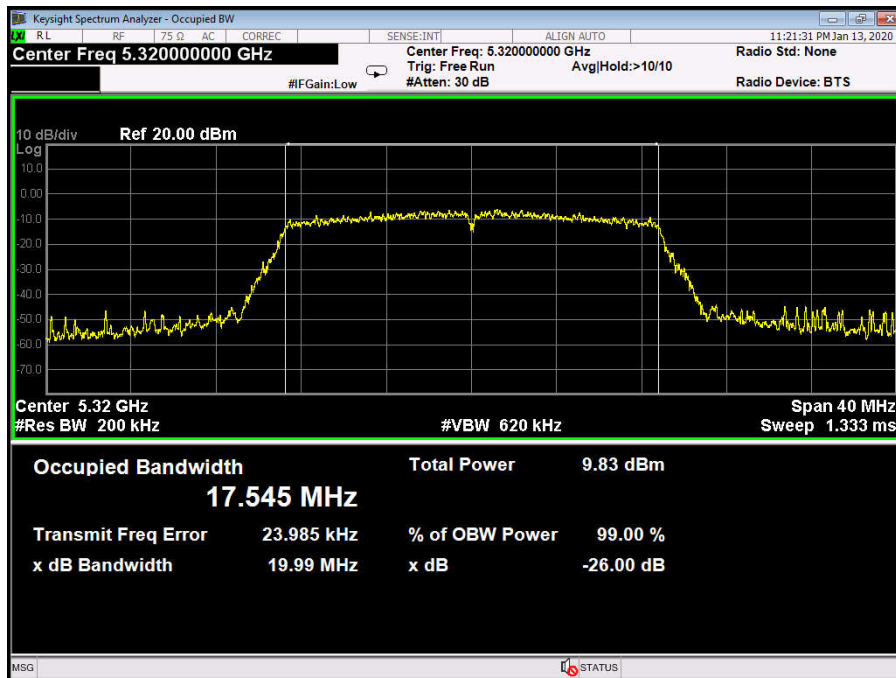
802.11n(HT20) Mode

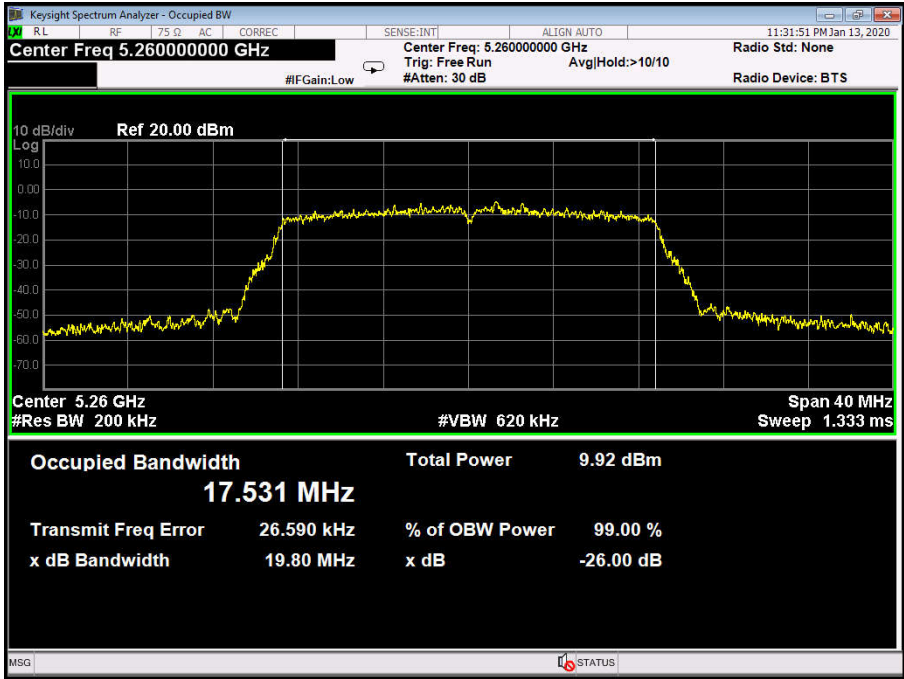
5280 MHz



802.11n(HT20) Mode

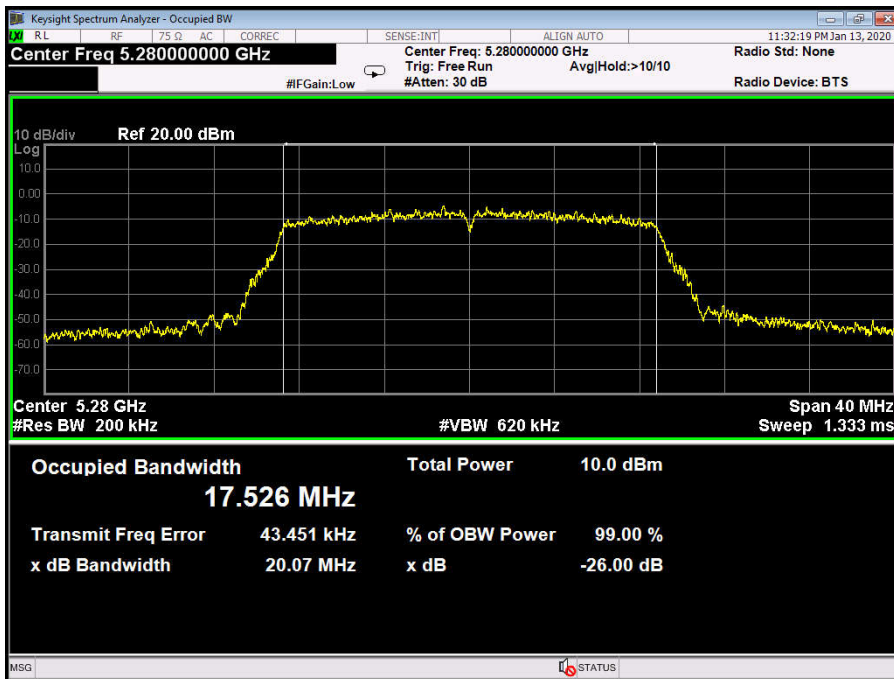
5320 MHz



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11ac(VHT20) Mode (U-NII-2A)		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
52	5260	20.54	17.694
56	5280	20.54	17.684
64	5320	20.63	17.708
802.11ac(VHT20) Mode			
5260 MHz			
			

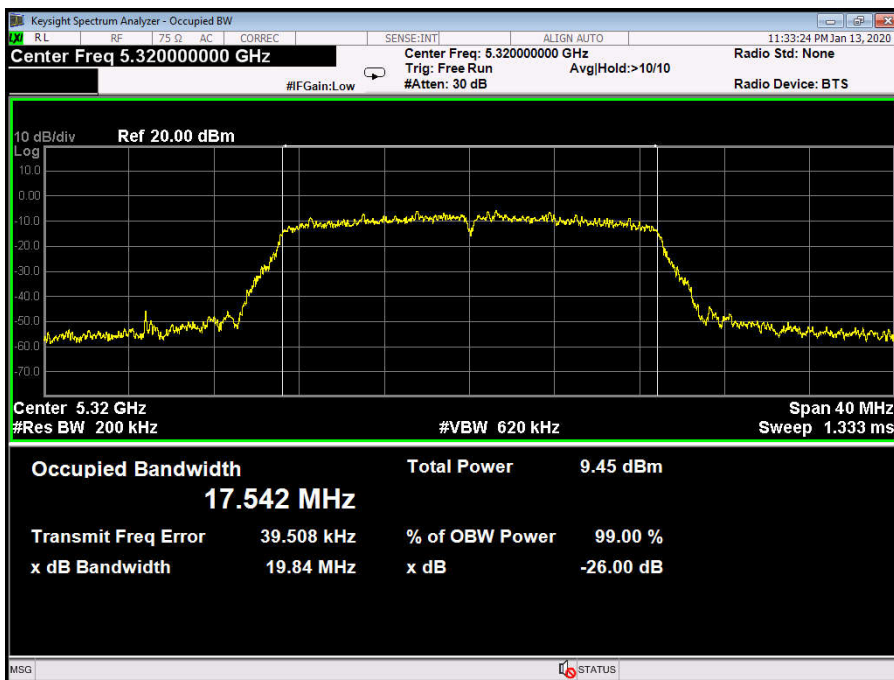
802.11ac(VHT20) Mode

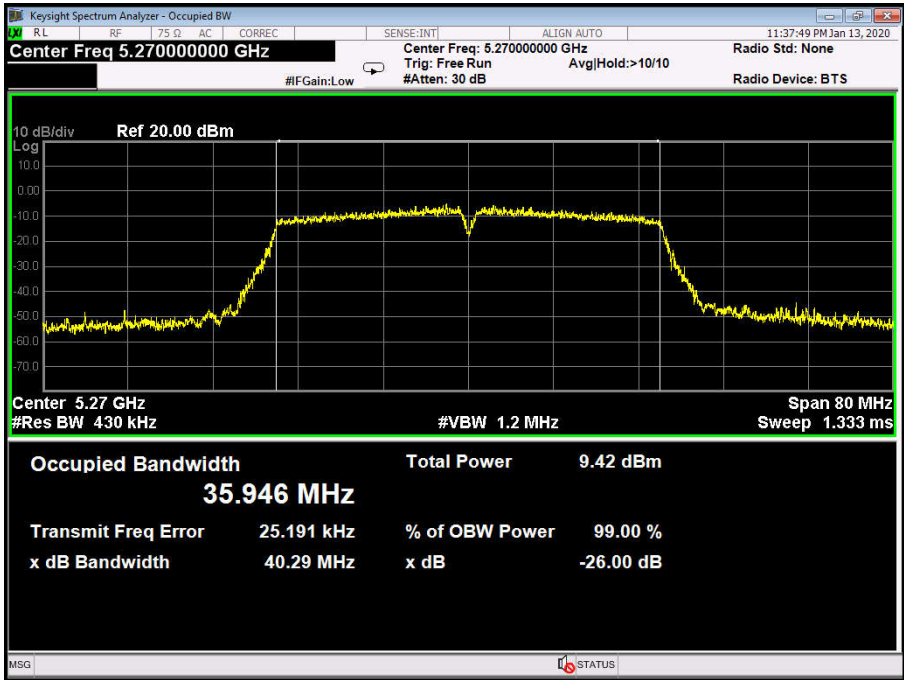
5280 MHz



802.11ac(VHT20) Mode

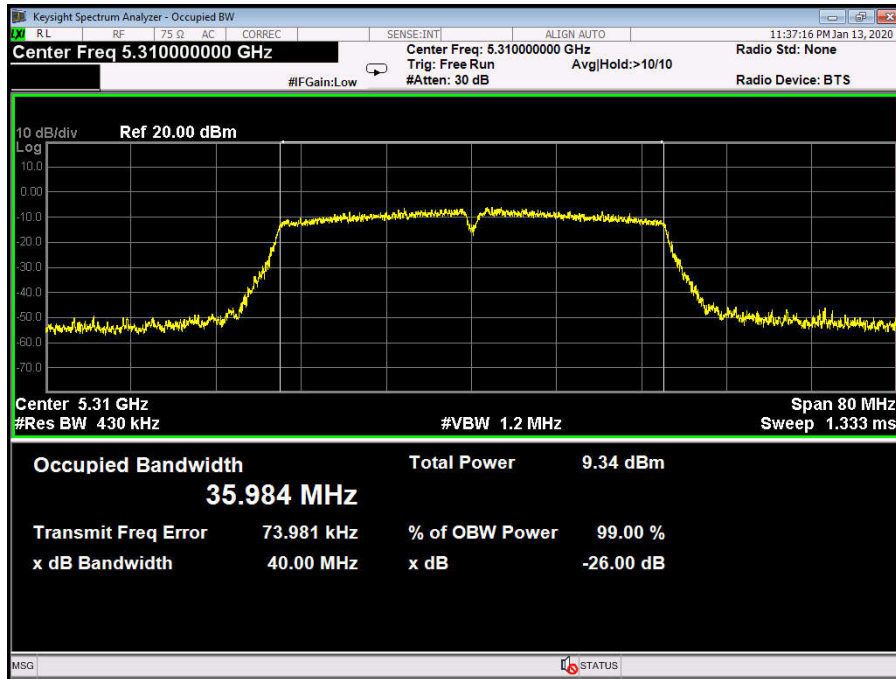
5320 MHz

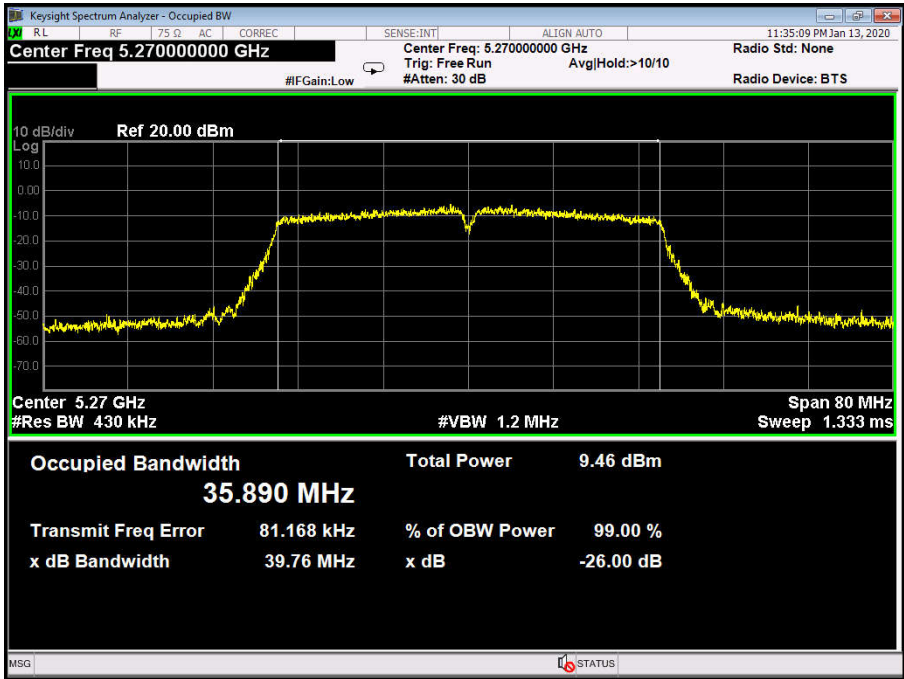


Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11N(HT40) Mode (U-NII-2A)		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
54	5270	40.92	36.043
62	5310	40.97	36.004
802.11N(HT40) Mode			
5270 MHz			
 <p>The screenshot shows a Keysight Spectrum Analyzer interface. The main display is a log-scale plot of power spectral density (PSD) with a center frequency of 5.27 GHz and a span of 80 MHz. The signal is centered at 5.27 GHz with a total power of 9.42 dBm. The occupied bandwidth (OBW) is 35.946 MHz, and the x dB bandwidth is 40.29 MHz. The plot shows a flat signal between approximately 5.25 GHz and 5.29 GHz, with a slight dip at the center. The noise floor is around -60 dBm. The interface also displays various settings like resolution bandwidth (430 kHz), video bandwidth (1.2 MHz), and attenuation (30 dB).</p>			

802.11N(HT40) Mode

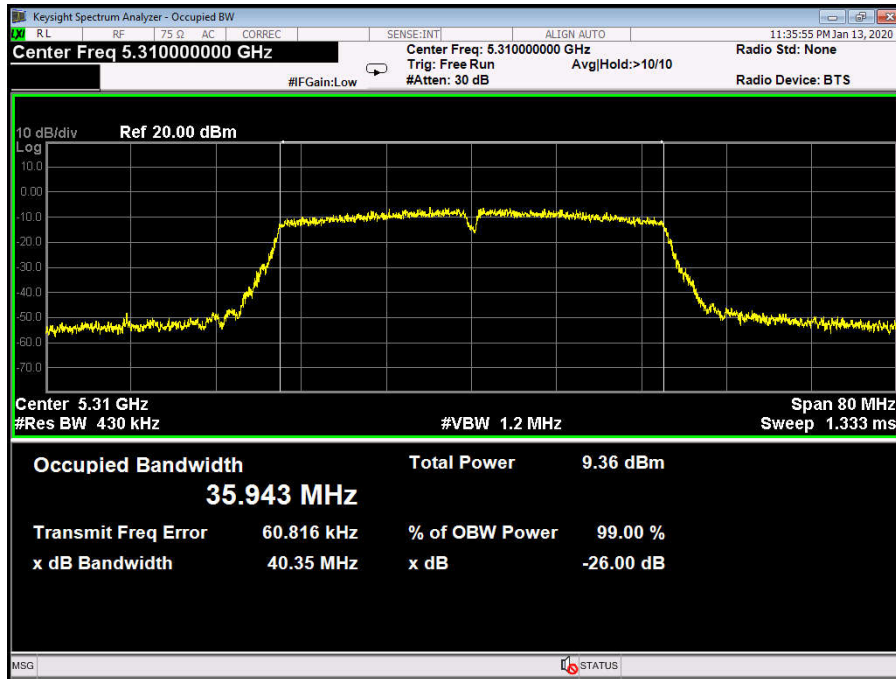
5310 MHz



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11ac(VHT40) Mode (U-NII-2A)		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
54	5270	40.65	35.995
62	5310	41.05	35.935
802.11ac(VHT40) Mode			
5270 MHz			
			

802.11ac(VHT40) Mode

5310 MHz

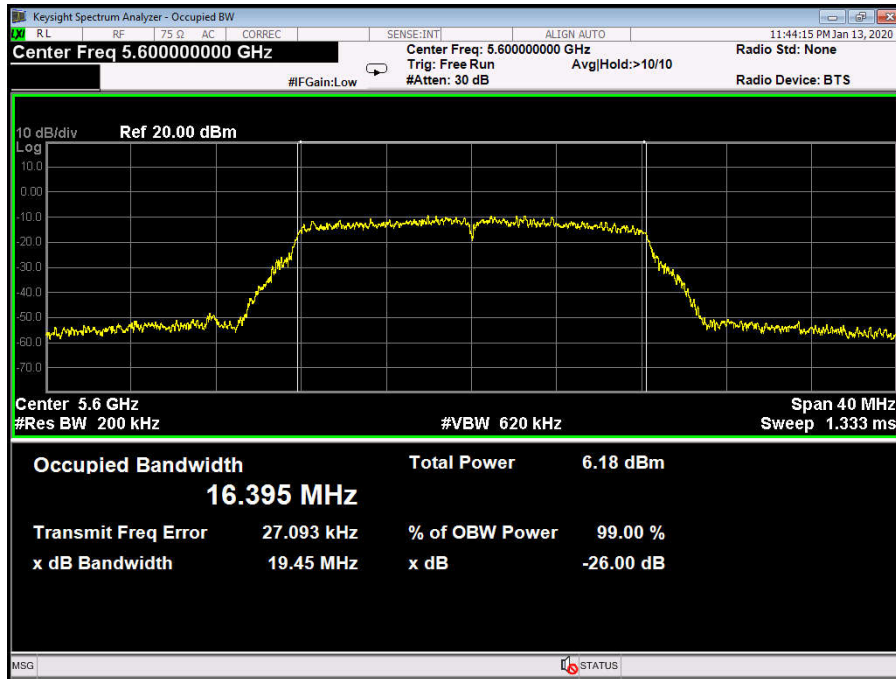


Temperature:	25 °C	Relative Humidity:	55%																
Test Voltage:	DC 3.8V																		
Test Mode:	TX 802.11ac(VHT80) Mode (U-NII-2A)																		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)																
58	5290	80.97	75.277																
802.11ac(VHT80) Mode																			
5290 MHz																			
<table border="1"> <tr> <td colspan="2">Occupied Bandwidth</td> <td>Total Power</td> <td>10.1 dBm</td> </tr> <tr> <td colspan="2" style="text-align: center;">75.197 MHz</td> <td></td> <td></td> </tr> <tr> <td>Transmit Freq Error</td> <td>164.36 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>80.53 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>				Occupied Bandwidth		Total Power	10.1 dBm	75.197 MHz				Transmit Freq Error	164.36 kHz	% of OBW Power	99.00 %	x dB Bandwidth	80.53 MHz	x dB	-26.00 dB
Occupied Bandwidth		Total Power	10.1 dBm																
75.197 MHz																			
Transmit Freq Error	164.36 kHz	% of OBW Power	99.00 %																
x dB Bandwidth	80.53 MHz	x dB	-26.00 dB																

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11a Mode (U-NII-2C)		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
100	5500	19.42	16.401
116	5600	19.45	16.395
144	5700	19.29	16.397
802.11a Mode			
5500 MHz			

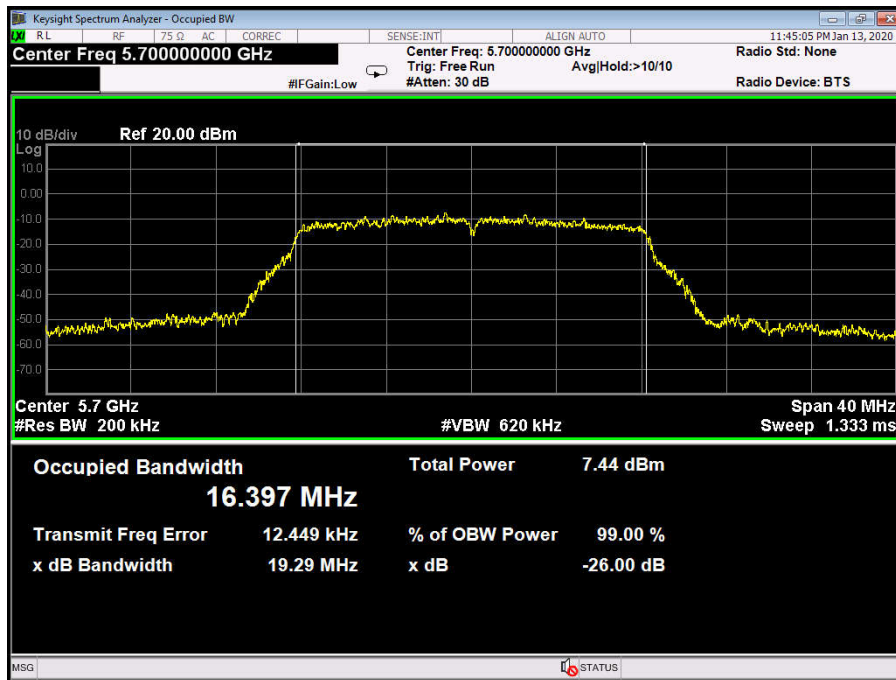
802.11a Mode

5600 MHz



802.11a Mode

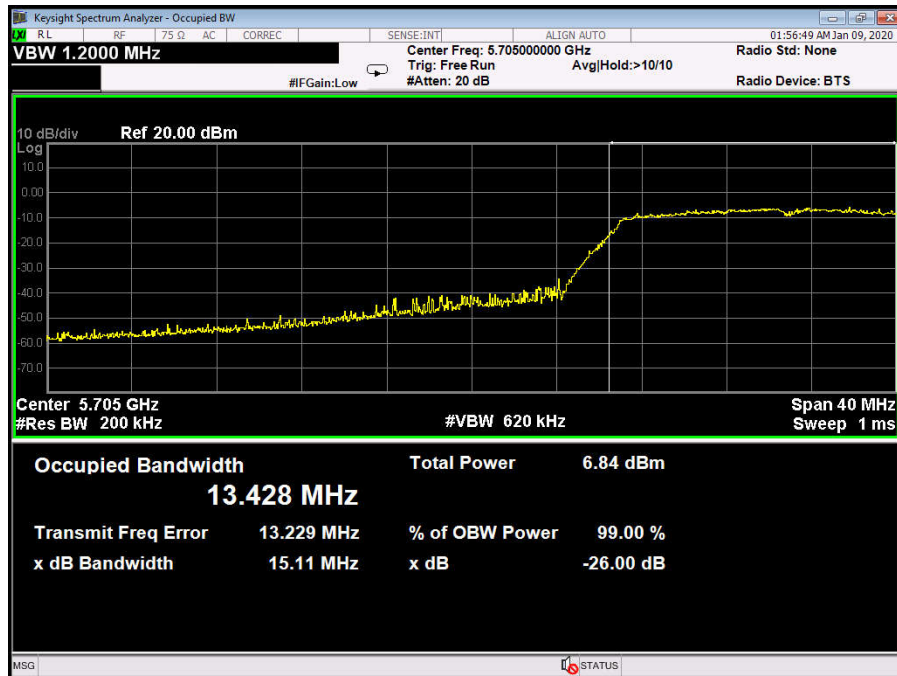
5700 MHz



Temperature:	25 °C	Relative Humidity:	55%	
Test Voltage:	DC 3.8V			
Test Mode:	TX 802.11a Mode (U-NII-2C)			
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
144	5720	15.11	----	13.428
		----	3.265	3.9283

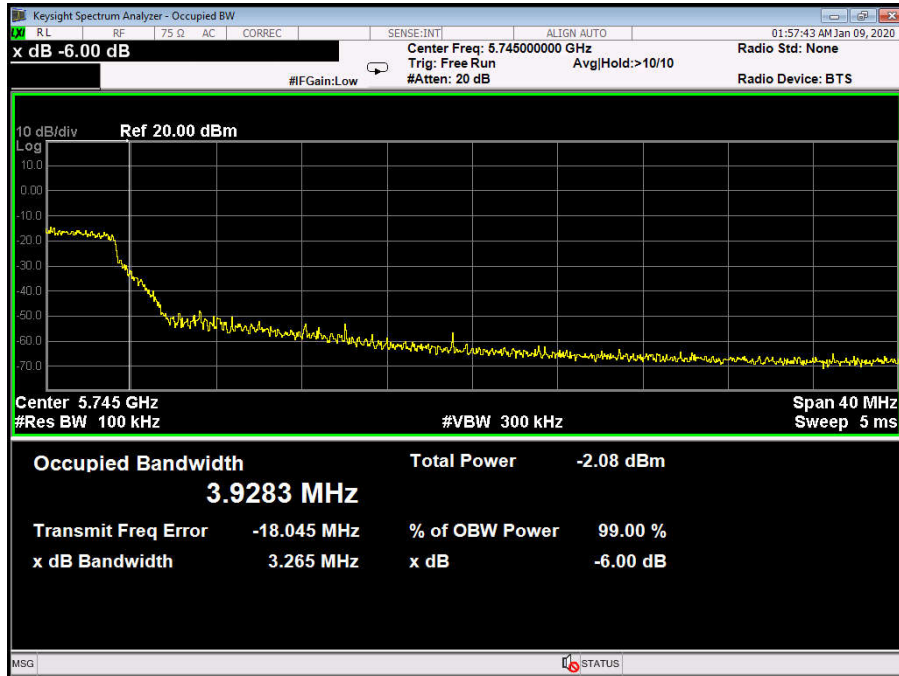
802.11a Mode

5720 MHz Straddle 5.47-5.725GHz



802.11a Mode

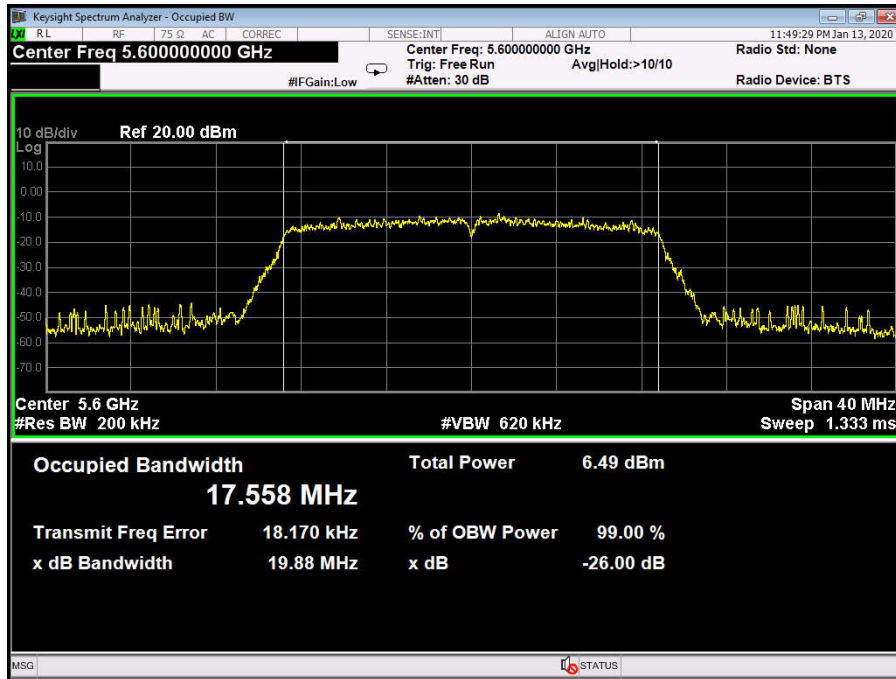
5720 MHz Straddle 5.725-5.85GHz



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11n(HT20) Mode (U-NII-2C)		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
100	5500	19.87	17.559
116	5600	19.88	17.558
144	5700	20.01	17.522
802.11n(HT20) Mode			
5500 MHz			

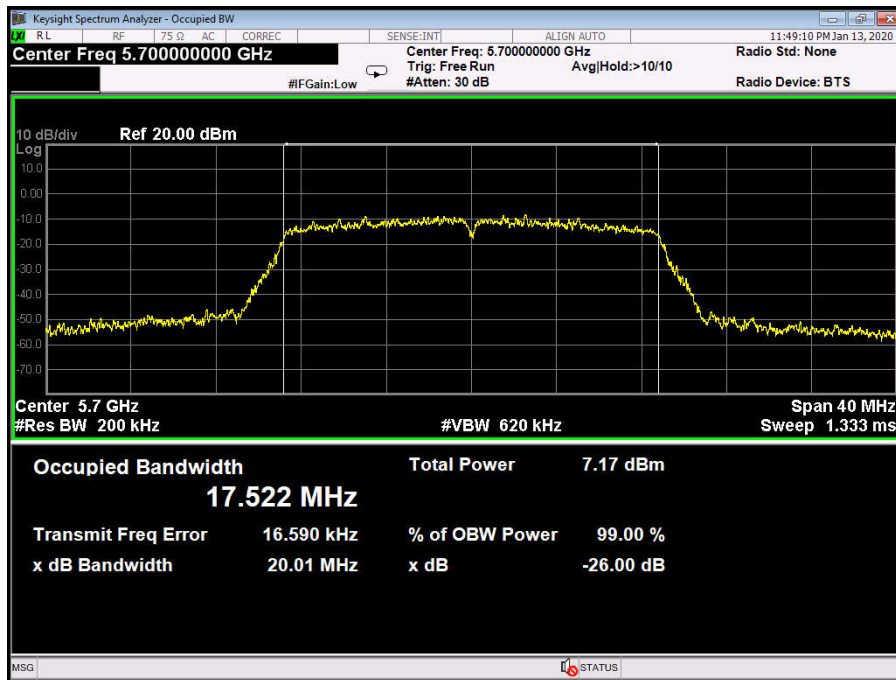
802.11n(HT20) Mode

5600 MHz



802.11n(HT20) Mode

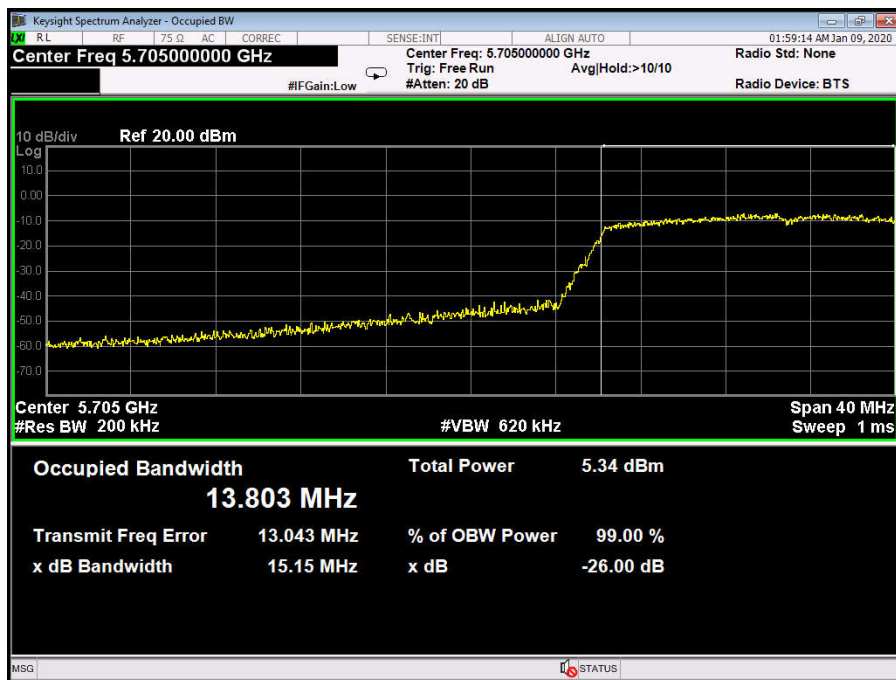
5700 MHz



Temperature:	25 °C	Relative Humidity:	55%	
Test Voltage:	DC 3.8V			
Test Mode:	TX 802.11n(HT20) Mode (U-NII-2C)			
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
144	5720	15.15	----	13.803
		----	3.876	4.2248

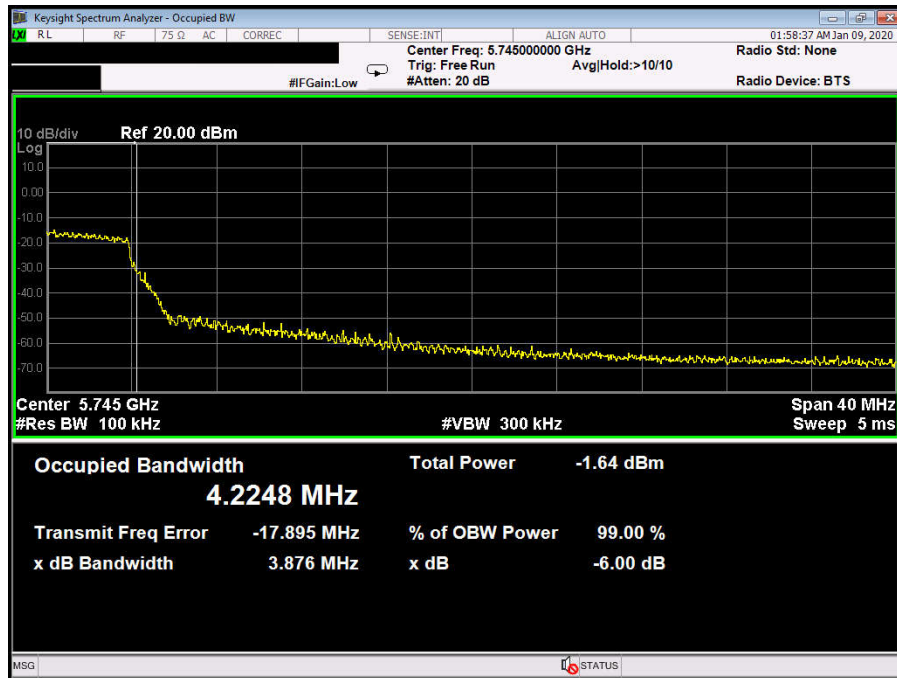
802.11n(HT20) Mode

5720 MHz Straddle 5.47-5.725GHz



802.11n(HT20) Mode

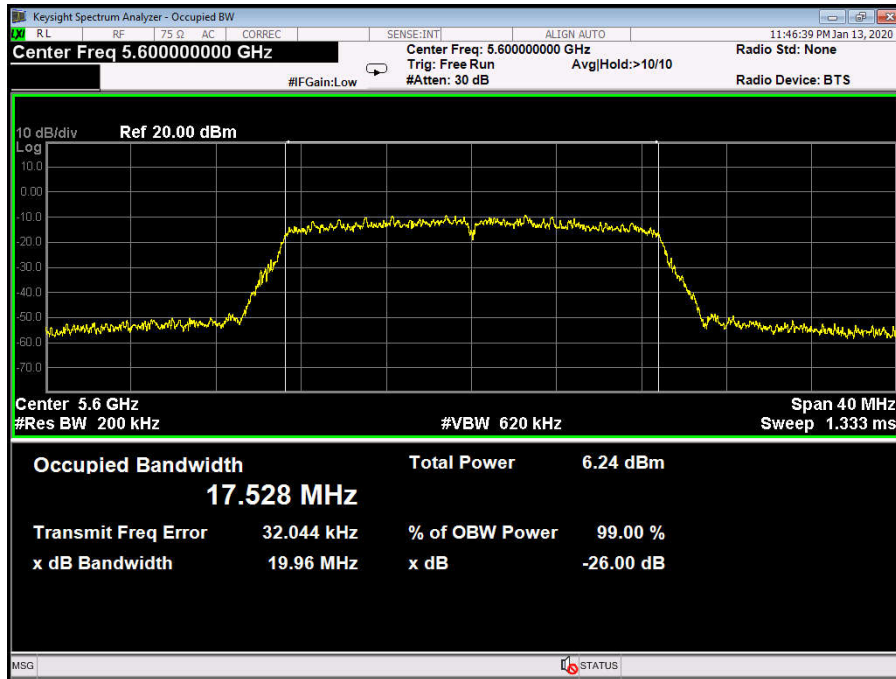
5720 MHz Straddle 5.725-5.85GHz



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11ac(VHT20) Mode (U-NII-2C)		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
100	5500	19.91	17.523
116	5600	19.96	17.528
144	5700	20.03	17.573
802.11ac(VHT20) Mode			
5500 MHz			

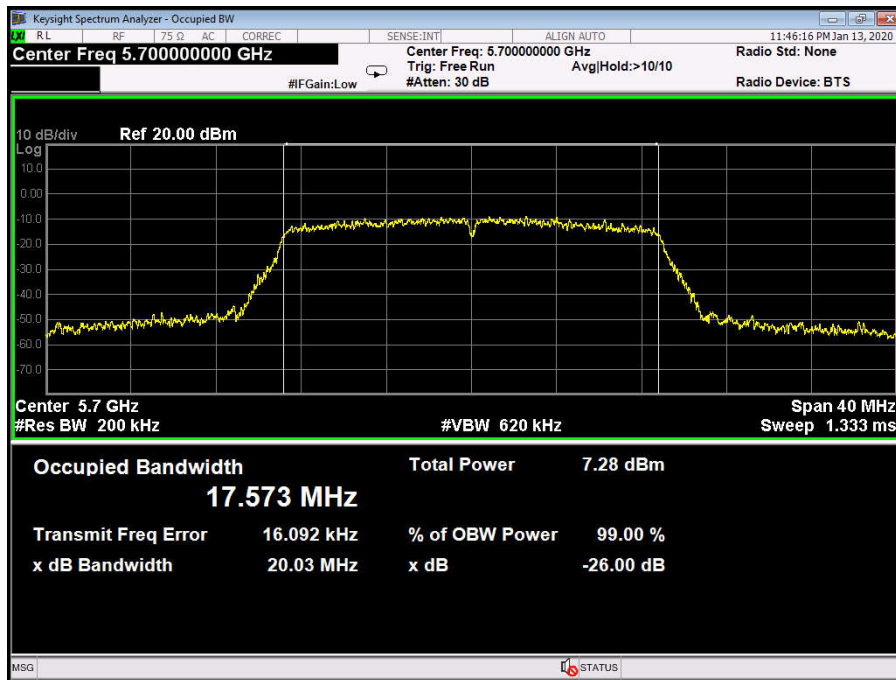
802.11ac(VHT20) Mode

5600 MHz



802.11ac(VHT20) Mode

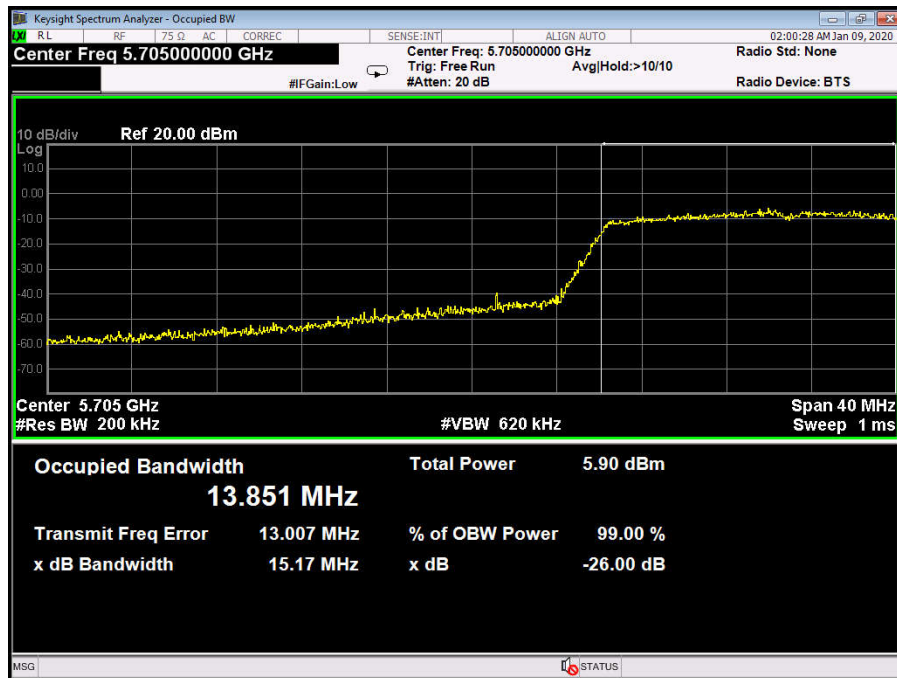
5700 MHz



Temperature:	25 °C	Relative Humidity:	55%	
Test Voltage:	DC 3.8V			
Test Mode:	TX 802.11ac(VHT20) Mode (U-NII-2C)			
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
144	5720	15.17	----	13.851
		----	3.892	4.1934

802.11ac(VHT20) Mode

5720 MHz Straddle 5.47-5.725GHz



802.11ac(VHT20) Mode

5720 MHz Straddle 5.725-5.85GHz

