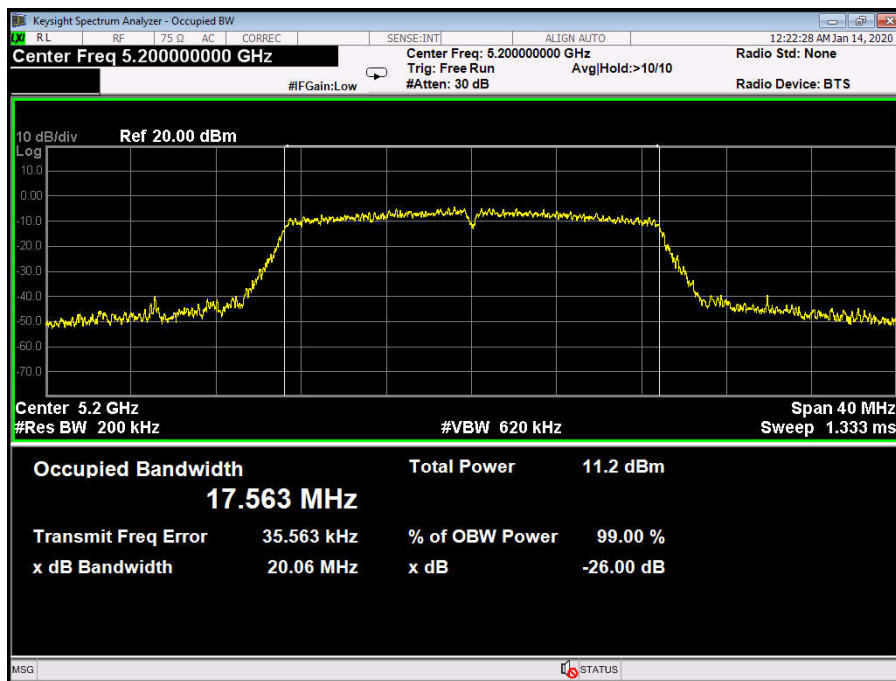


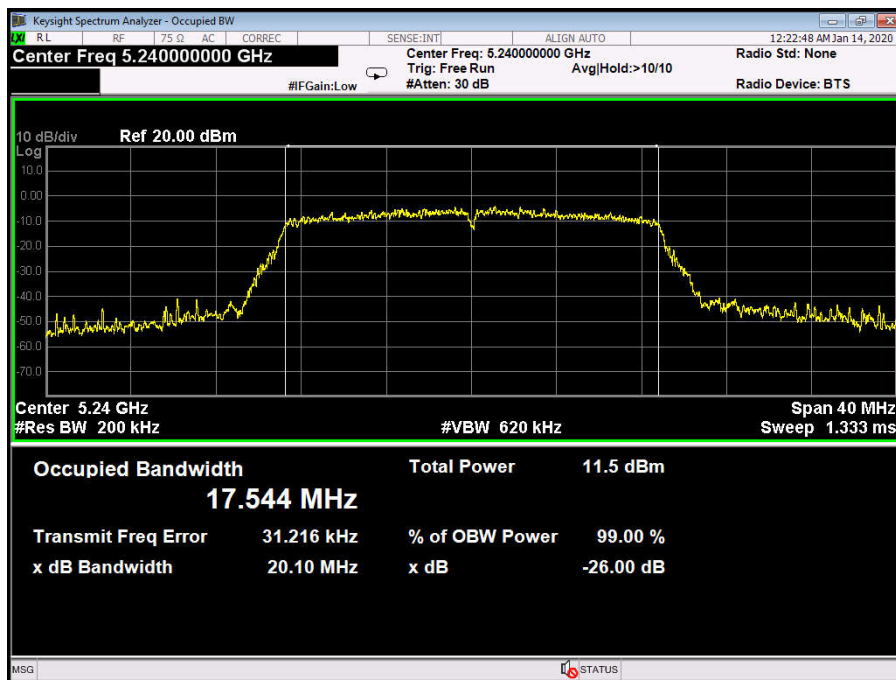
802.11n(HT20) Mode

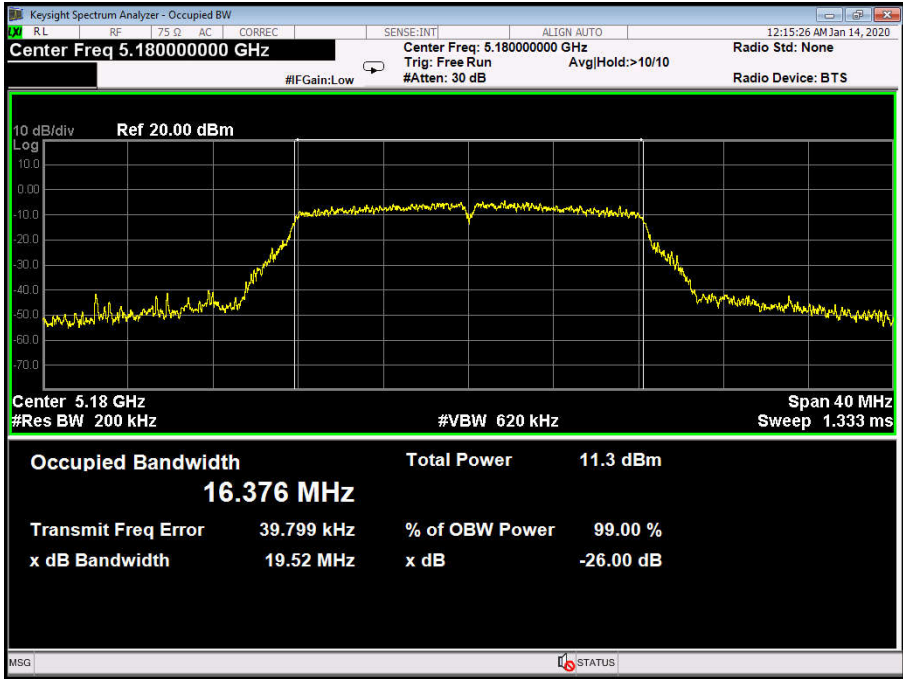
5200 MHz



802.11n(HT20) Mode

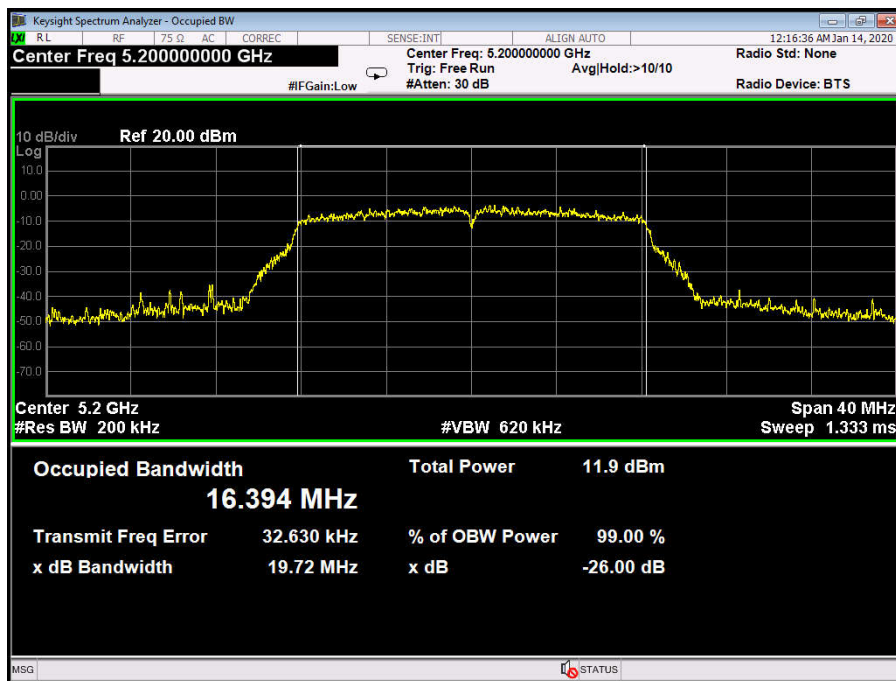
5240 MHz



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	19.52	16.376
40	5200	19.72	16.394
48	5240	19.69	16.413
802.11ac(VHT20) Mode			
5180 MHz			
 Keysight Spectrum Analyzer - Occupied BW Center Freq 5.180000000 GHz Center Freq: 5.180000000 GHz Trig: Free Run #Gain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS 10 dB/div Ref 20.00 dBm Center 5.18 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms Occupied Bandwidth 16.376 MHz Total Power 11.3 dBm Transmit Freq Error 39.799 kHz % of OBW Power 99.00 % x dB Bandwidth 19.52 MHz x dB -26.00 dB			

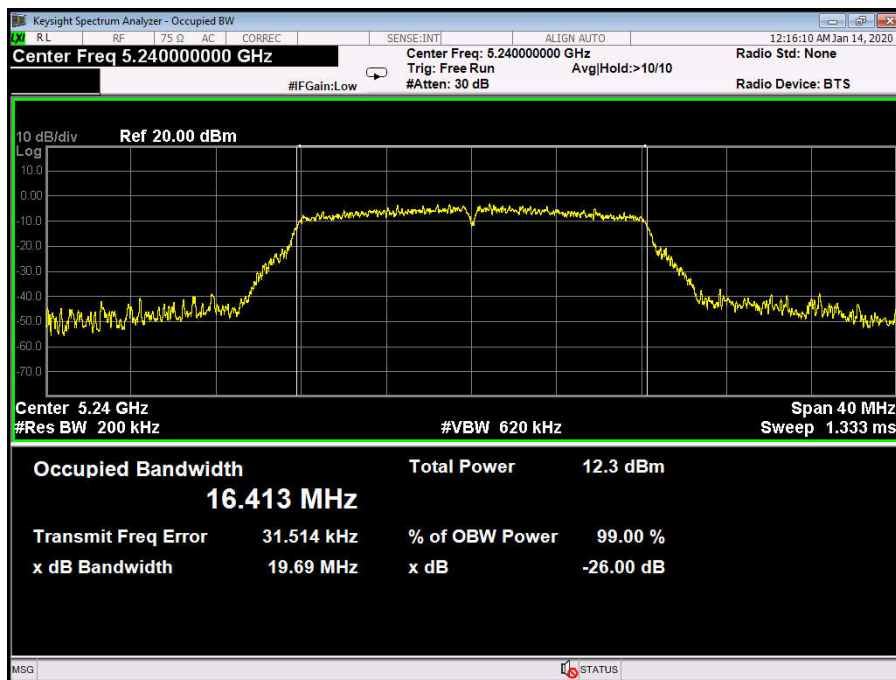
802.11ac(VHT20) Mode

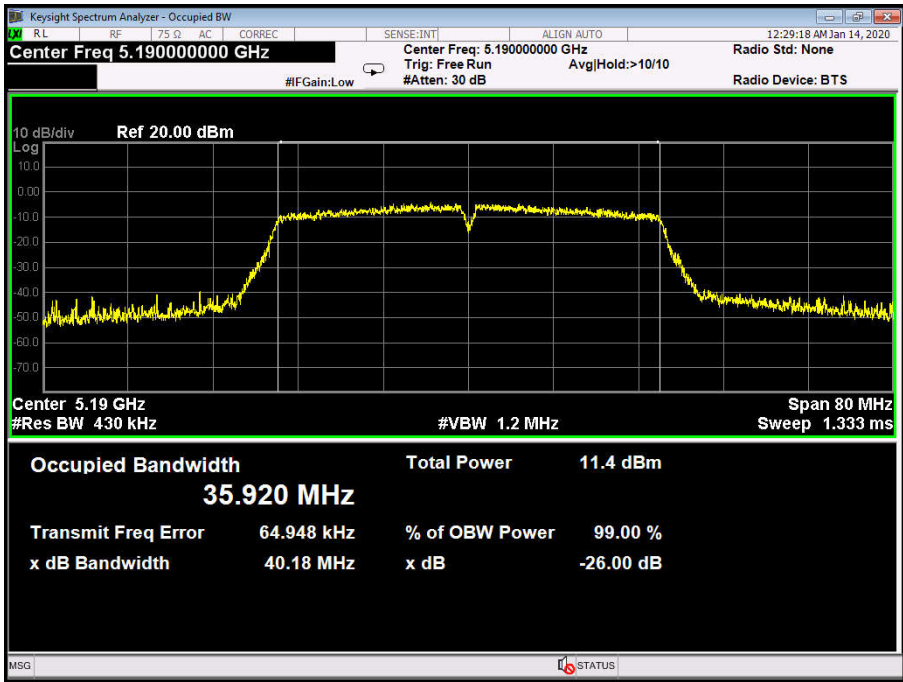
5200 MHz



802.11ac(VHT20) Mode

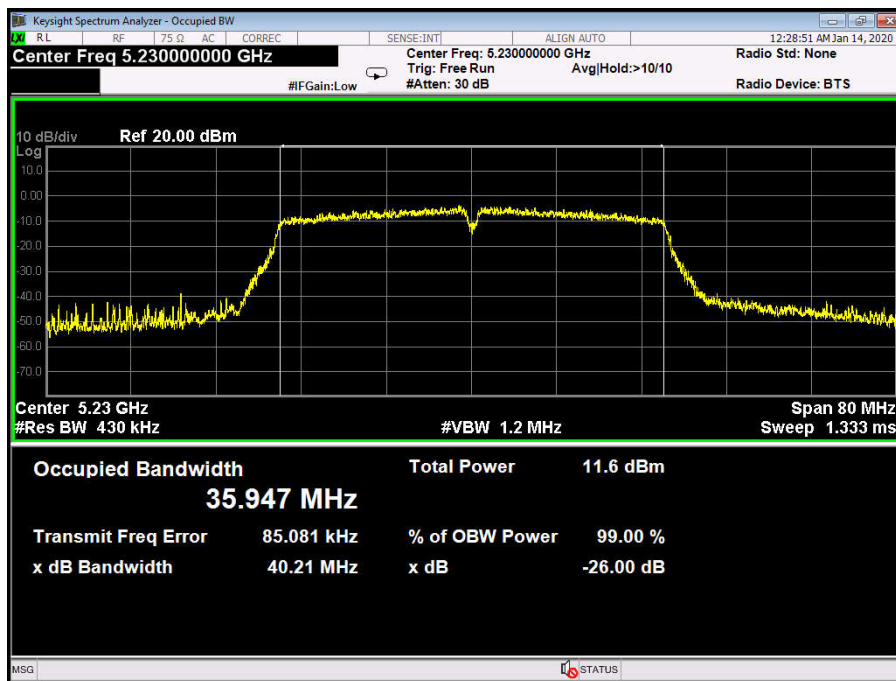
5240 MHz

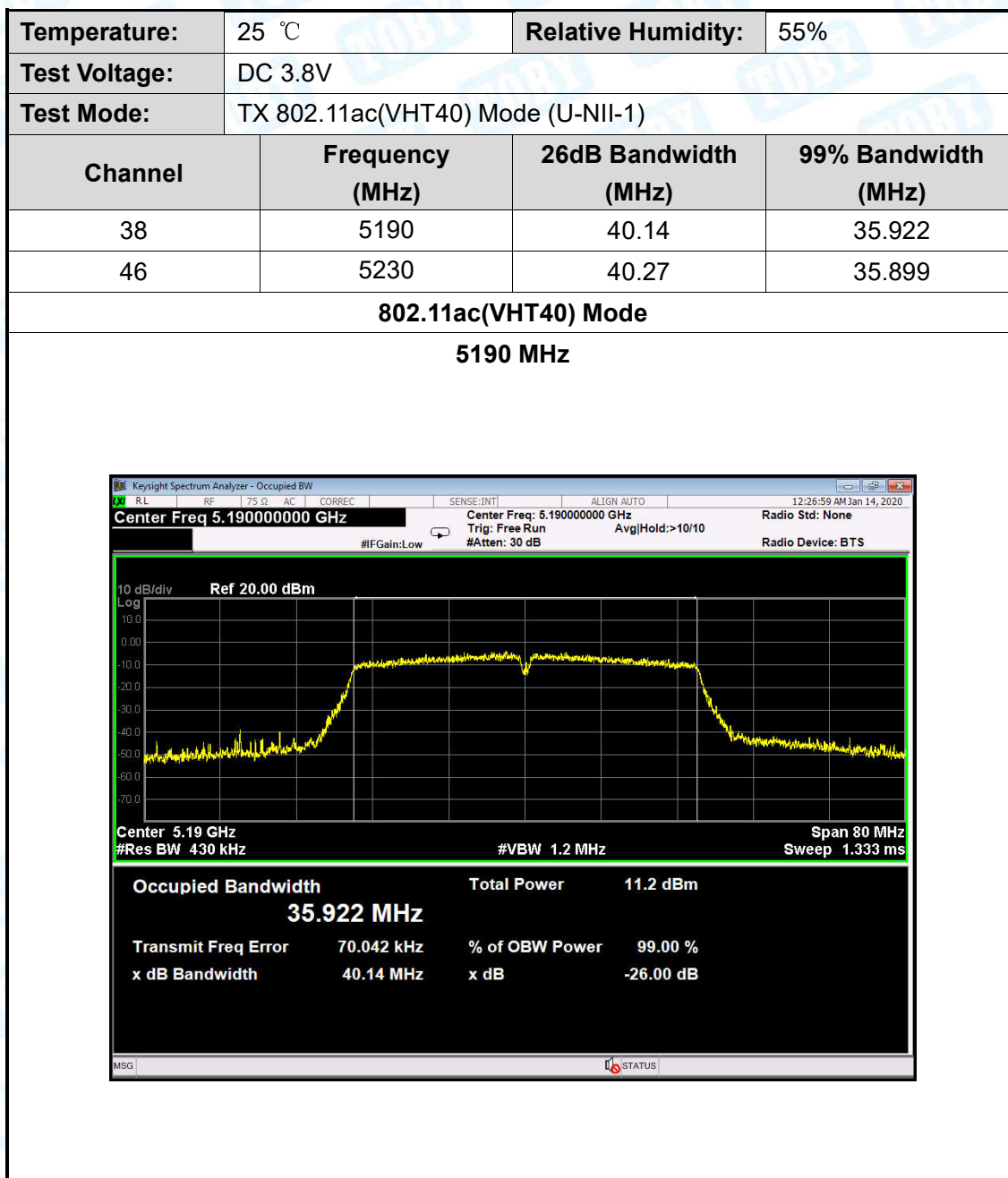


Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11N(HT40) Mode (U-NII-1)		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
38	5190	40.18	35.920
46	5230	40.21	35.947
802.11N(HT40) Mode			
5190 MHz			
			

802.11N(HT40) Mode

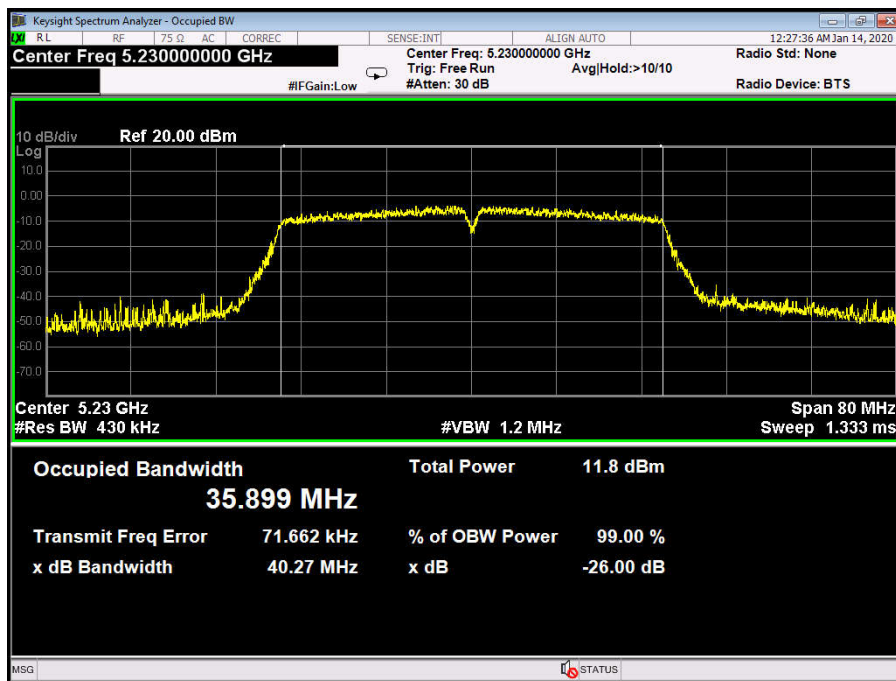
5230 MHz

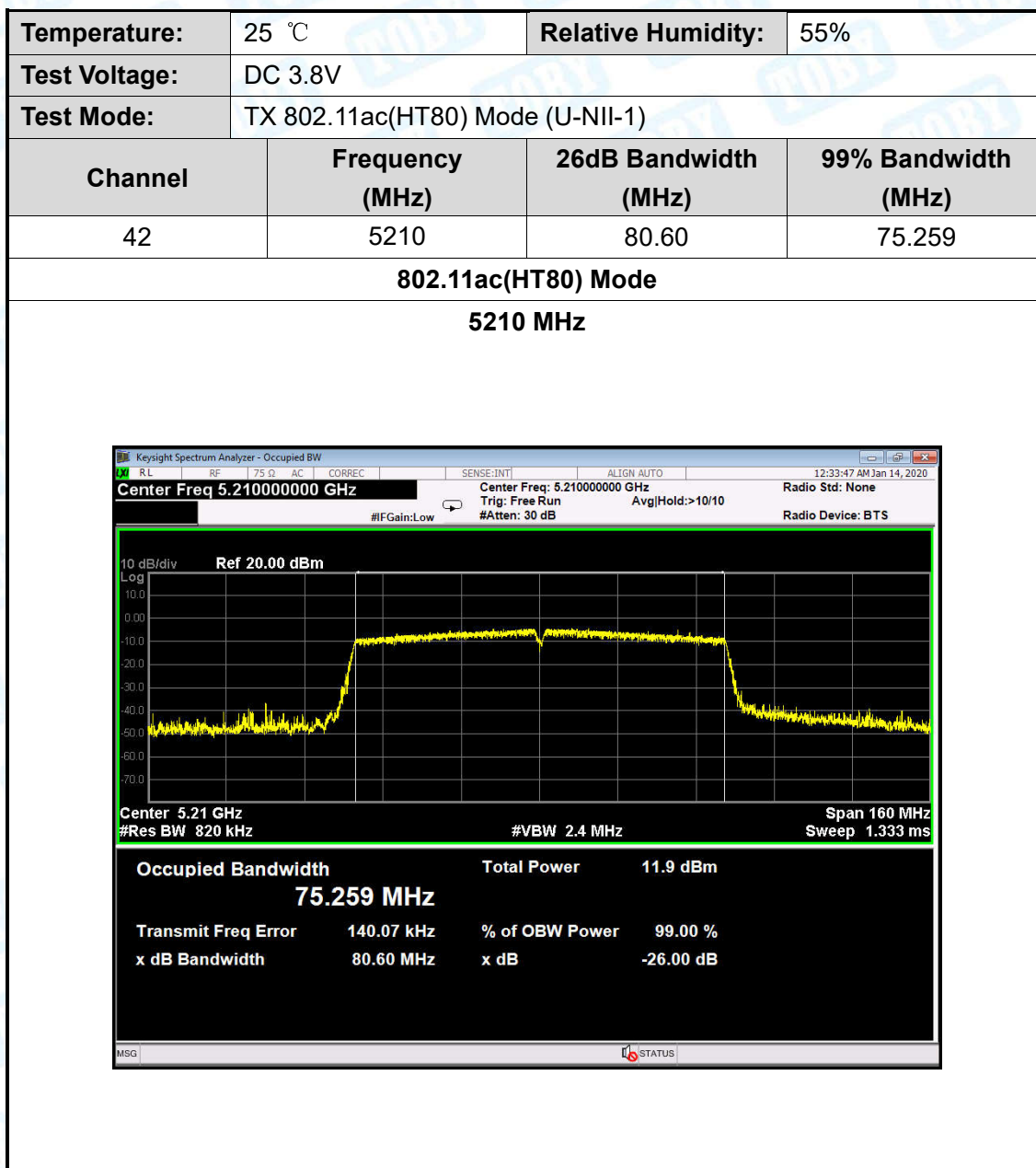


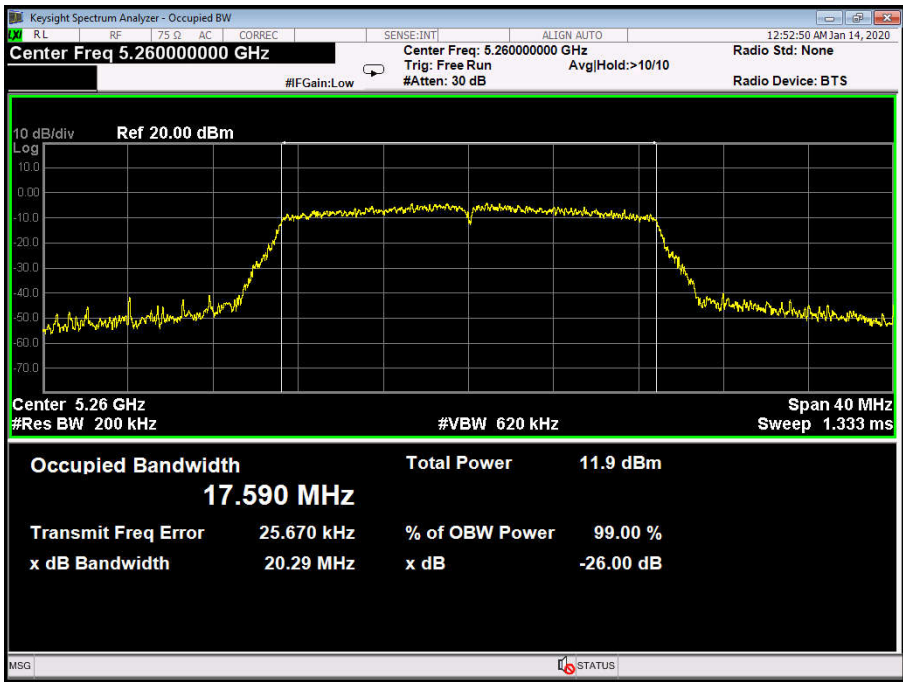


802.11ac(VHT40) Mode

5230 MHz

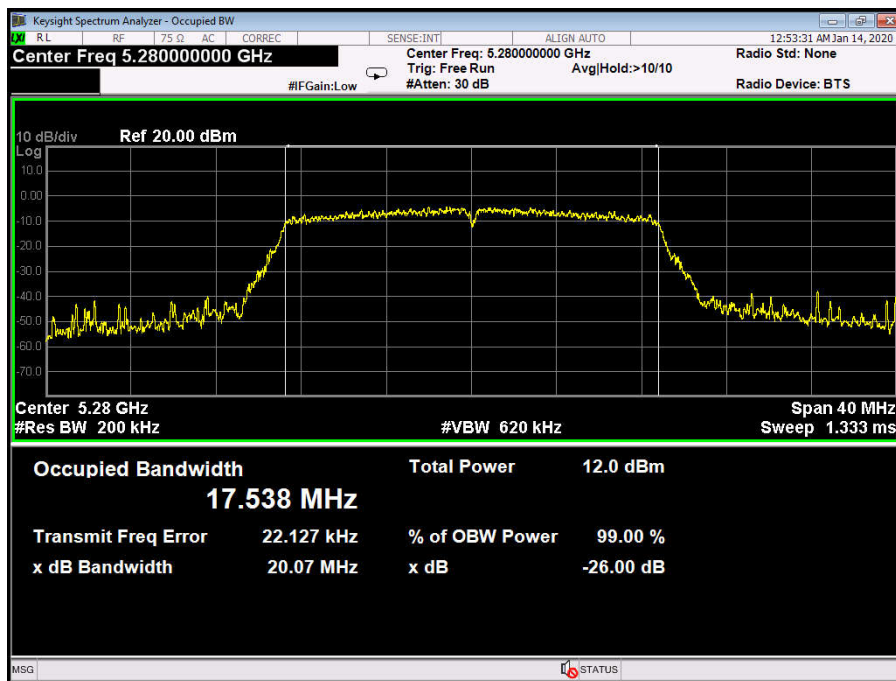




Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11a Mode (U-NII-2A)		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
52	5260	20.29	17.590
56	5280	20.07	17.538
64	5320	19.98	17.559
802.11a Mode			
5260 MHz			
			

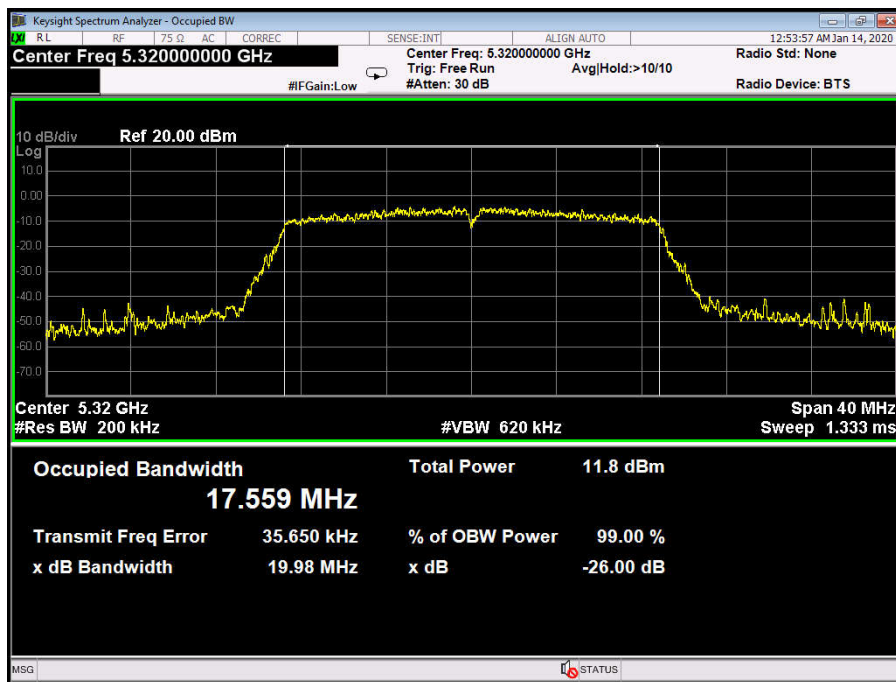
802.11a Mode

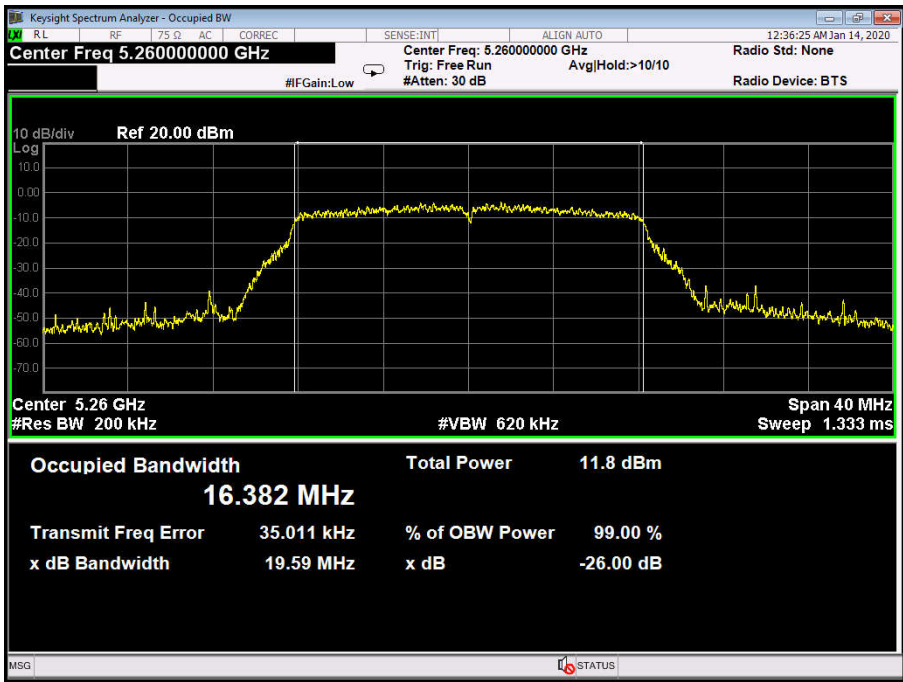
5280 MHz



802.11a Mode

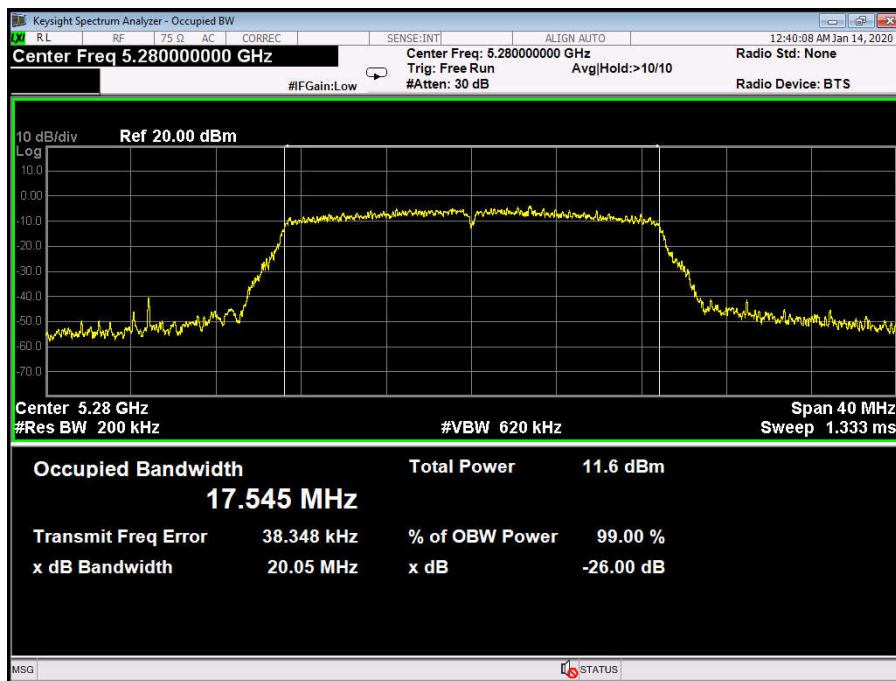
5320 MHz



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	19.59	16.382
56	5280	20.05	17.545
64	5320	20.23	17.581
802.11n(HT20) Mode			
5260 MHz			
 Keysight Spectrum Analyzer - Occupied BW Center Freq 5.260000000 GHz Center Freq: 5.260000000 GHz Trig: Free Run #Gain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS 10 dB/div Ref 20.00 dBm Center 5.26 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms Occupied Bandwidth 16.382 MHz Total Power 11.8 dBm Transmit Freq Error 35.011 kHz % of OBW Power 99.00 % x dB Bandwidth 19.59 MHz x dB -26.00 dB			

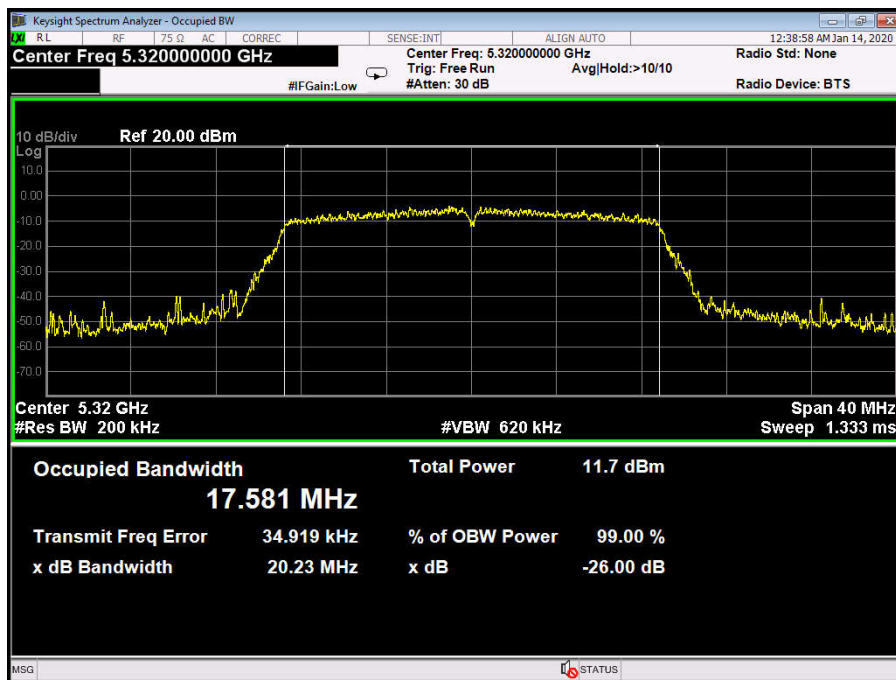
802.11n(HT20) Mode

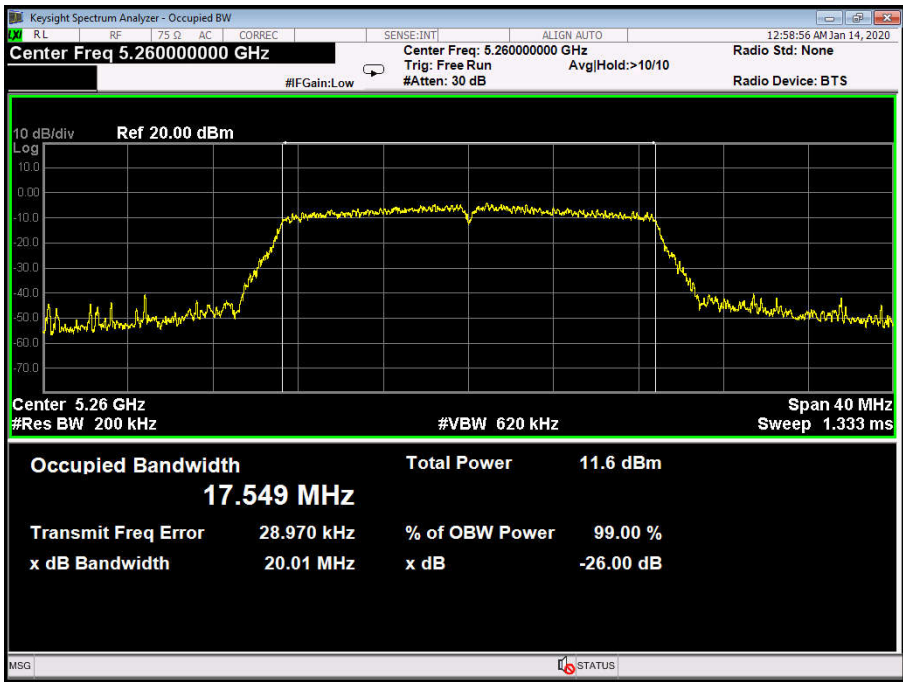
5280 MHz



802.11n(HT20) Mode

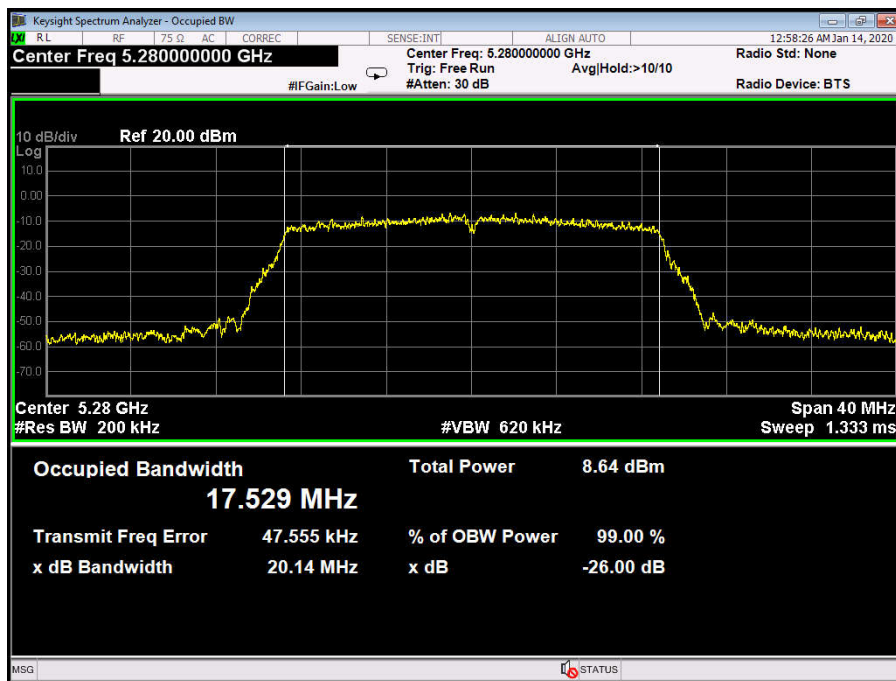
5320 MHz



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	20.01	17.549
56	5280	20.14	17.529
64	5320	20.09	17.541
802.11ac(VHT20) Mode			
5260 MHz			
 Keysight Spectrum Analyzer - Occupied BW Center Freq 5.260000000 GHz Center Freq: 5.260000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS 10 dB/div Ref 20.00 dBm Center 5.26 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms Occupied Bandwidth 17.549 MHz Total Power 11.6 dBm Transmit Freq Error 28.970 kHz % of OBW Power 99.00 % x dB Bandwidth 20.01 MHz x dB -26.00 dB			

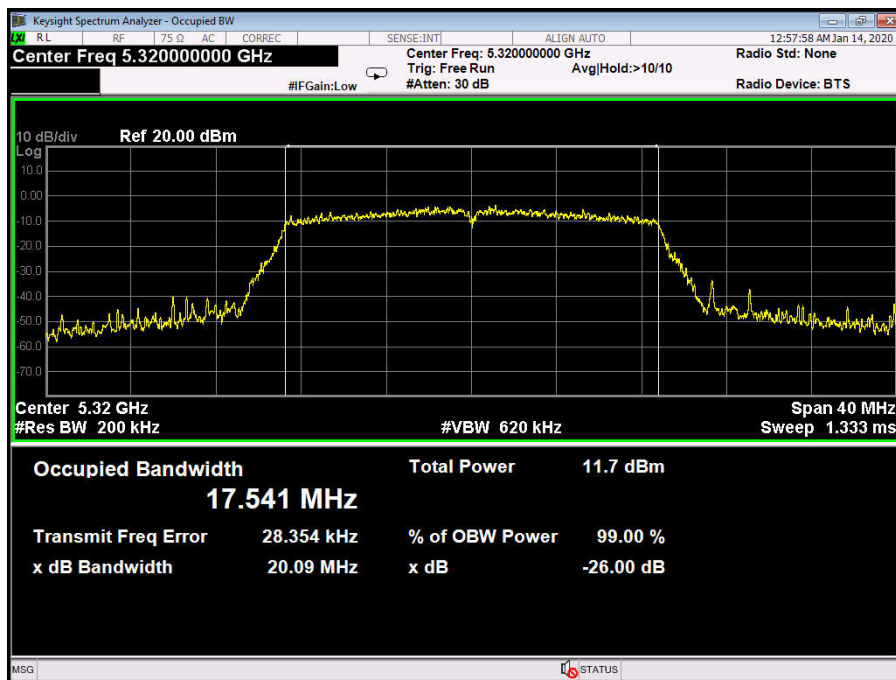
802.11ac(VHT20) Mode

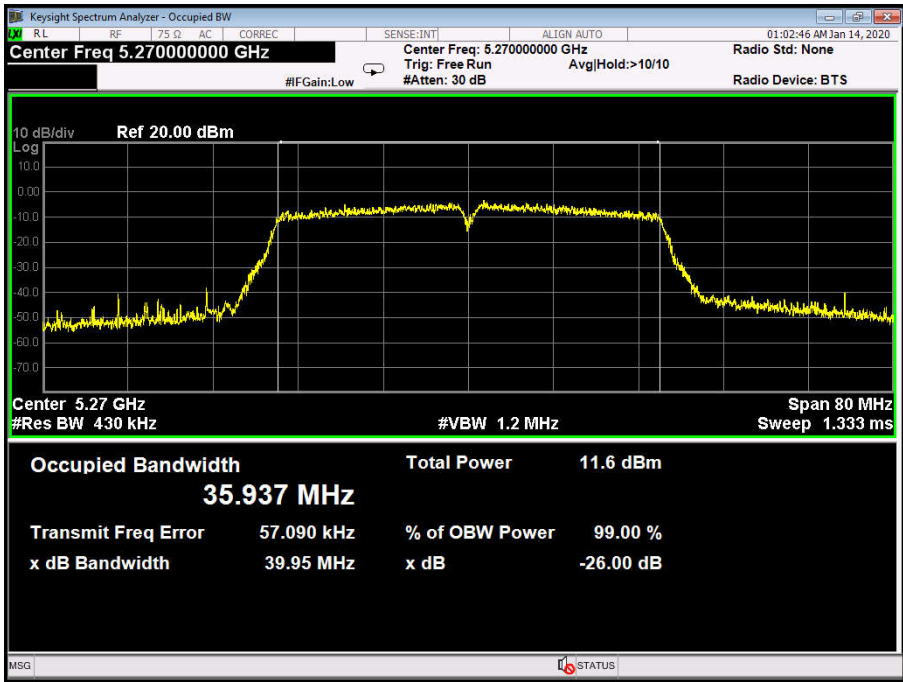
5280 MHz



802.11ac(VHT20) Mode

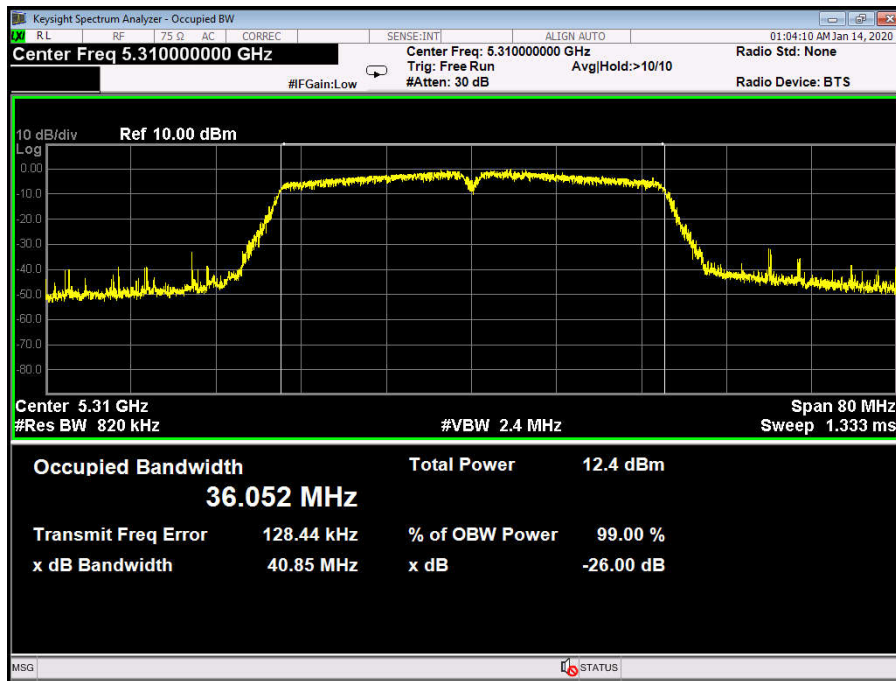
5320 MHz

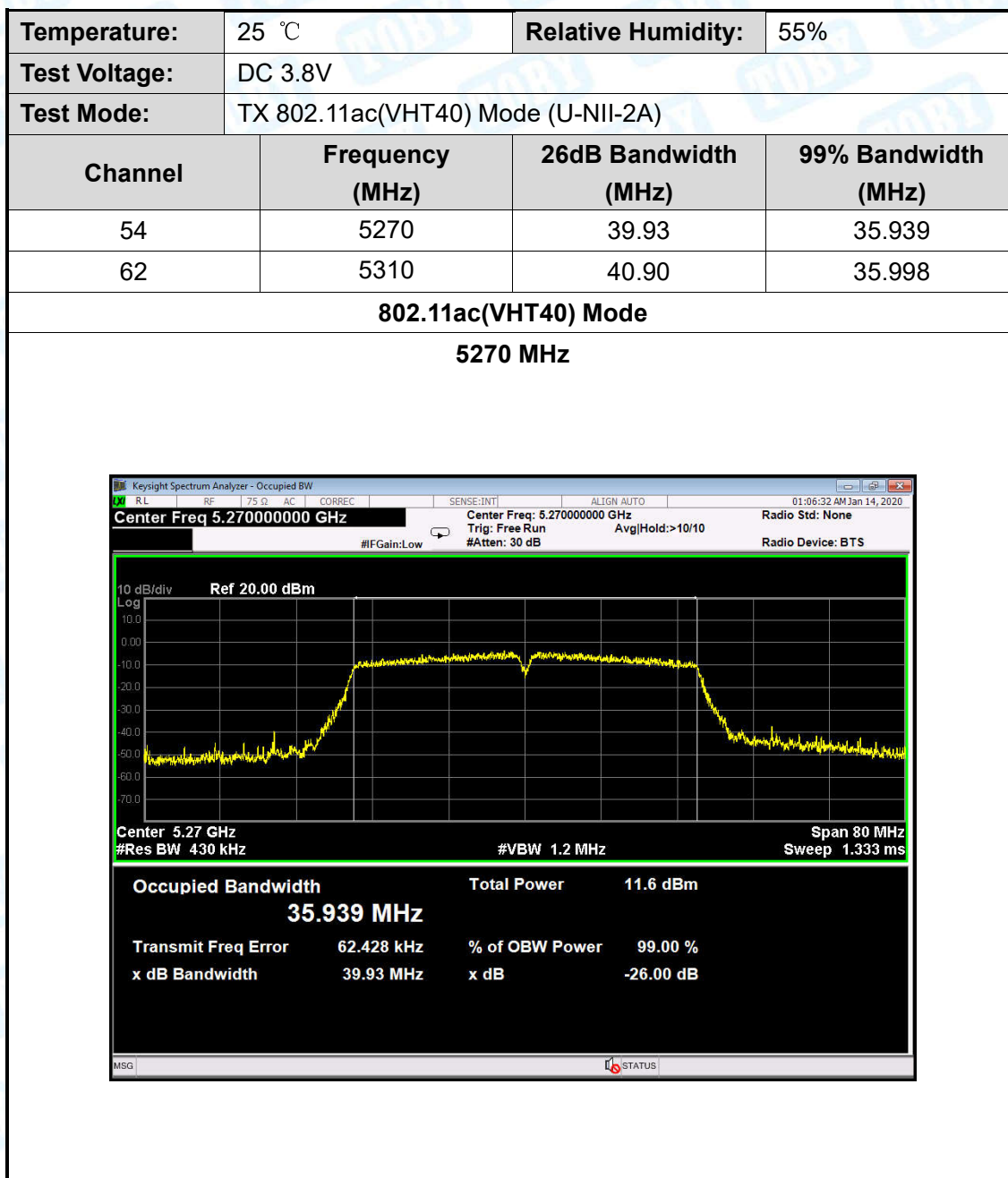


Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11N(HT40) Mode (U-NII-2A)		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
54	5270	39.95	35.937
62	5310	40.85	36.052
802.11N(HT40) Mode			
5270 MHz			
			

802.11N(HT40) Mode

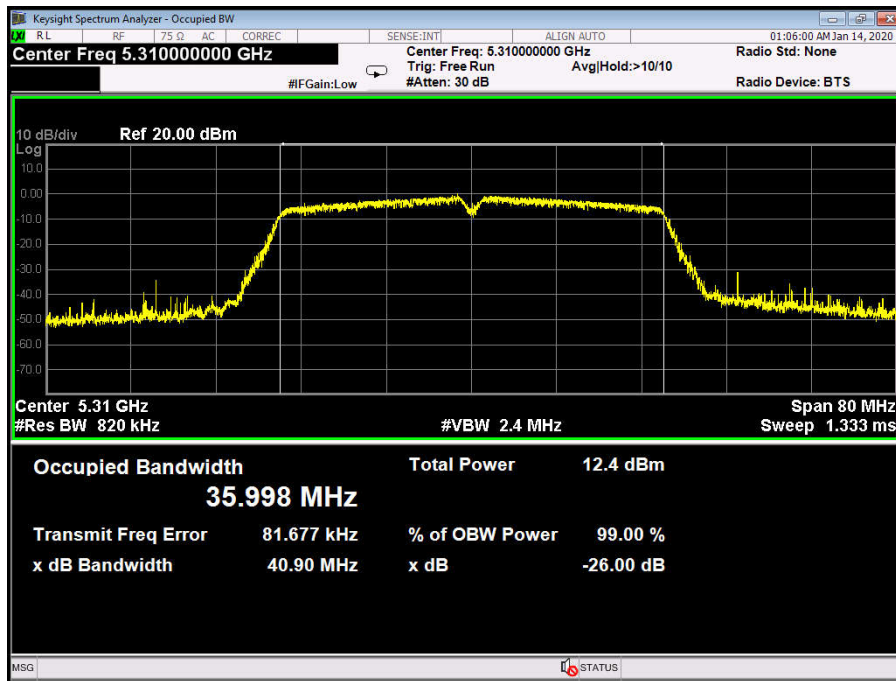
5310 MHz

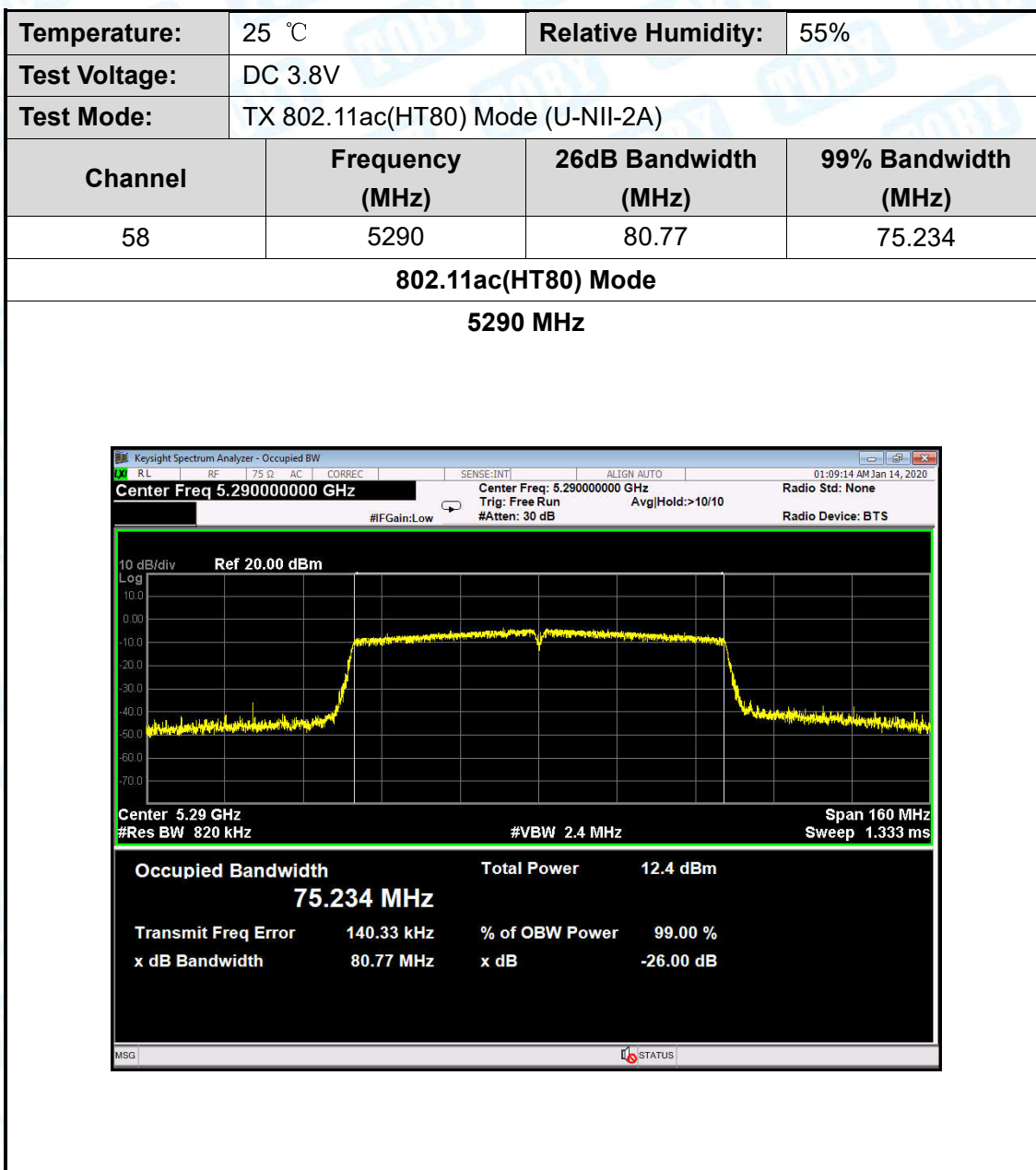


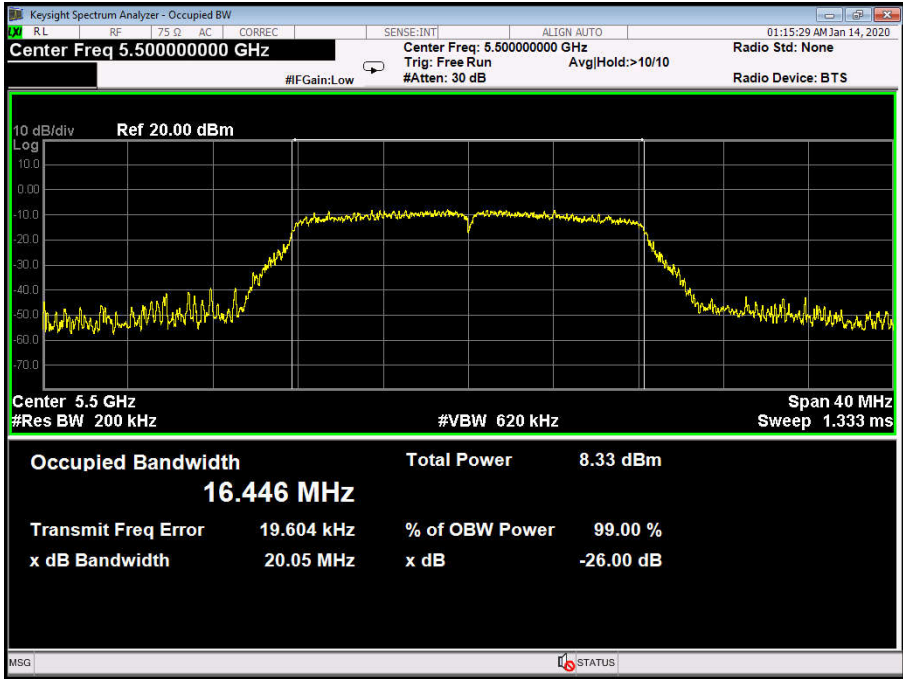


802.11ac(VHT40) Mode

5310 MHz

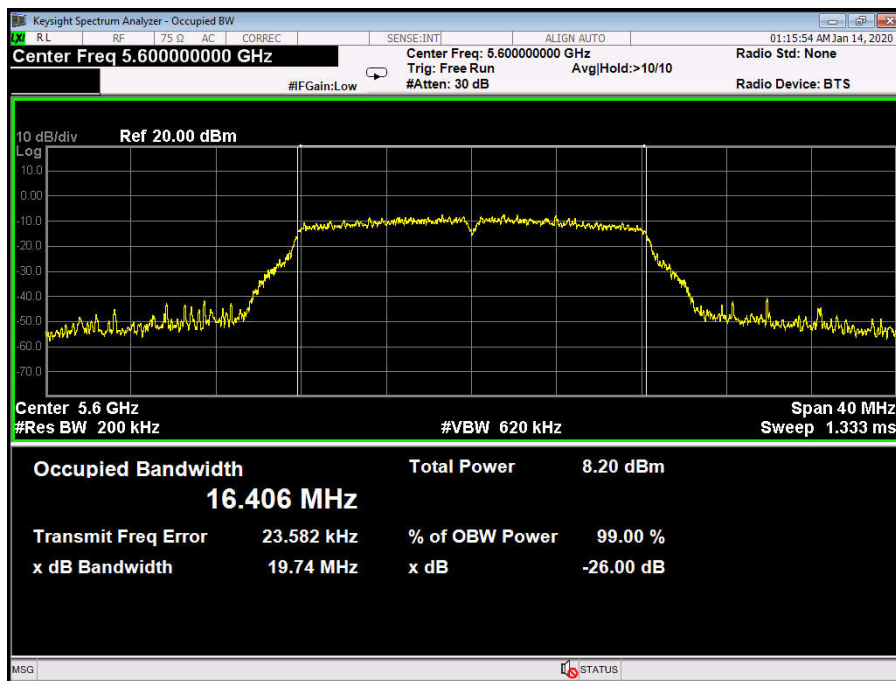




Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.8V		
Test Mode:	TX 802.11a Mode (U-NII-2C)		
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
100	5500	20.05	16.446
116	5600	19.74	16.406
144	5700	19.65	16.403
802.11a Mode			
5500 MHz			
 Keysight Spectrum Analyzer - Occupied BW Center Freq 5.500000000 GHz Center Freq: 5.500000000 GHz Trig: Free Run #Gain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS 10 dB/div Ref 20.00 dBm Center 5.5 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms Occupied Bandwidth 16.446 MHz Total Power 8.33 dBm Transmit Freq Error 19.604 kHz % of OBW Power 99.00 % x dB Bandwidth 20.05 MHz x dB -26.00 dB			

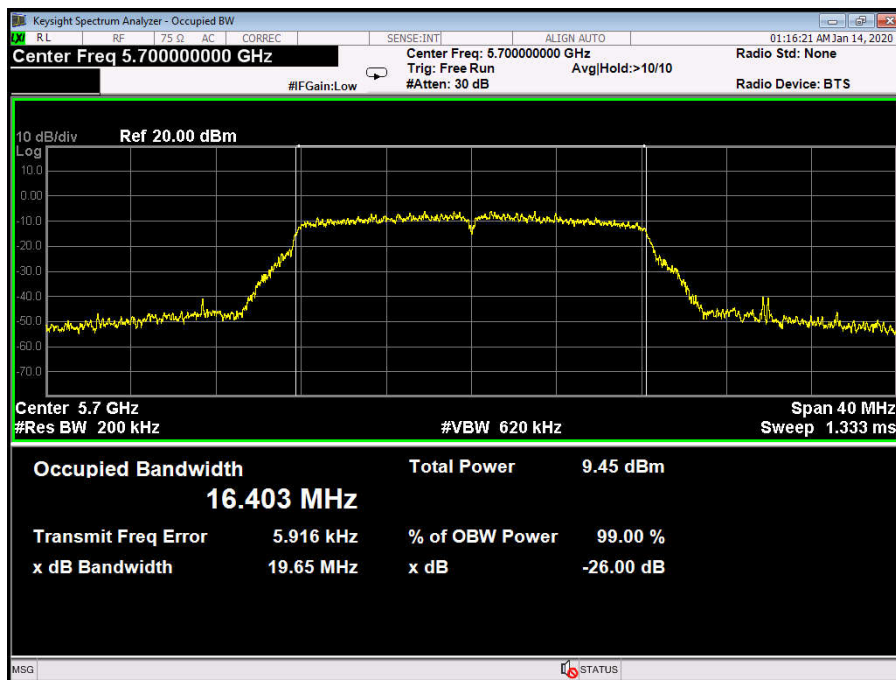
802.11a Mode

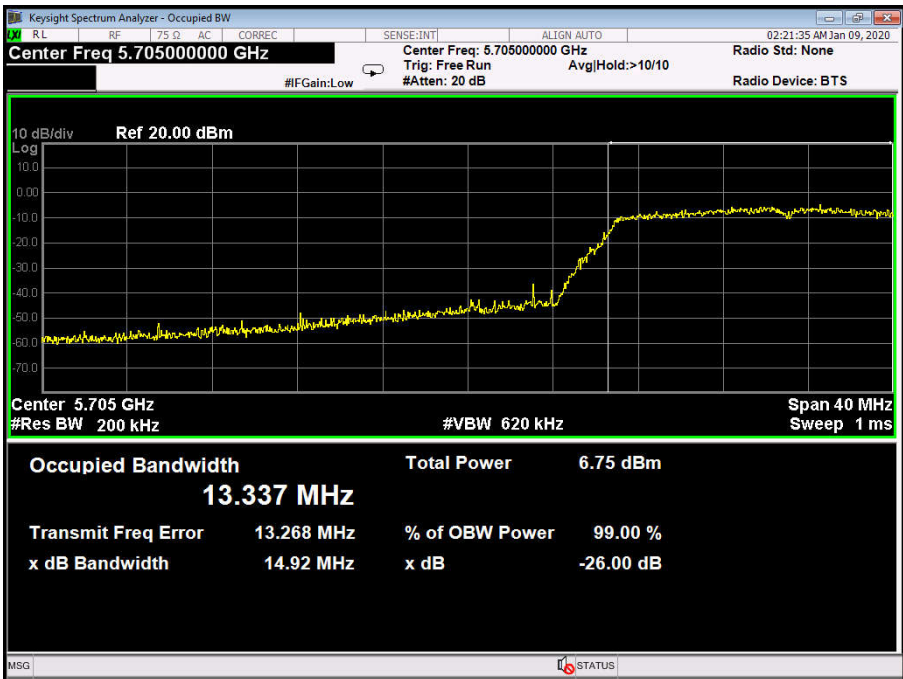
5600 MHz



802.11a Mode

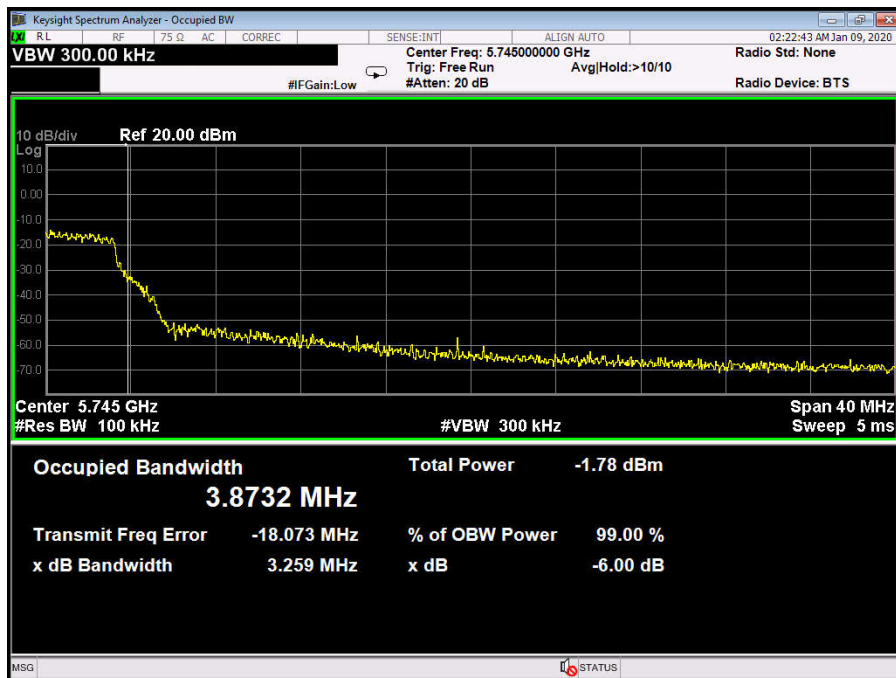
5700 MHz

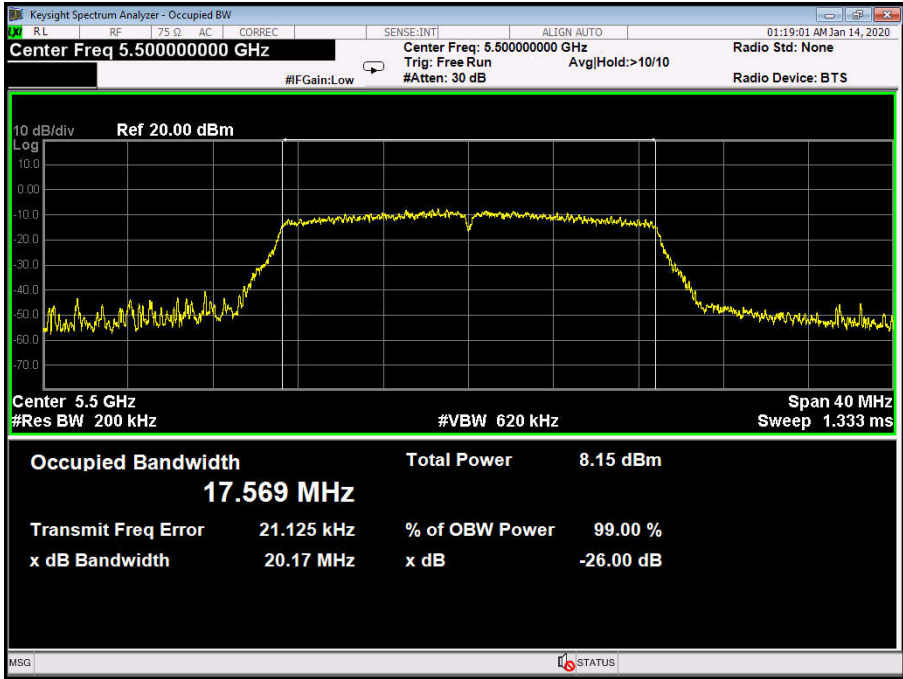


Temperature:	25 °C	Relative Humidity:	55%			
Test Voltage:	DC 3.8V					
Test Mode:	TX 802.11a Mode (U-NII-2C)					
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)		
144	5720	14.92	----	13.337		
		----	3.259	3.8732		
802.11a Mode						
5720 MHz Straddle 5.47-5.725GHz						
 Keysight Spectrum Analyzer - Occupied BW Center Freq: 5.705000000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS 10 dB/div Ref 20.00 dBm Center 5.705 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 13.337 MHz Total Power 6.75 dBm Transmit Freq Error 13.268 MHz % of OBW Power 99.00 % x dB Bandwidth 14.92 MHz x dB -26.00 dB						

802.11a Mode

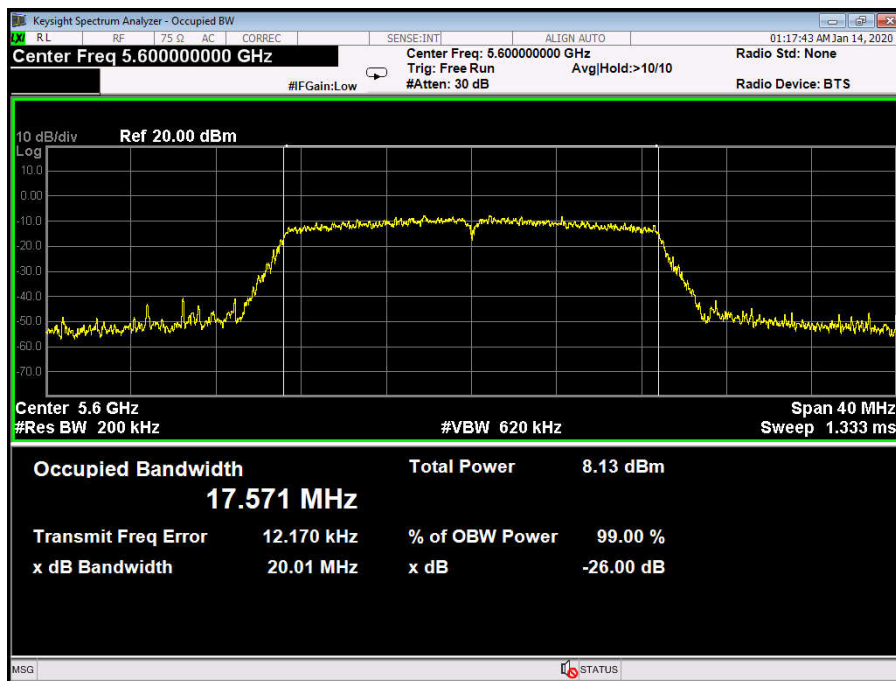
5720 MHz Straddle 5.725-5.85GHz



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	20.17	17.569
116	5600	20.01	17.571
144	5700	20.27	17.559
802.11n(HT20) Mode			
5500 MHz			
			

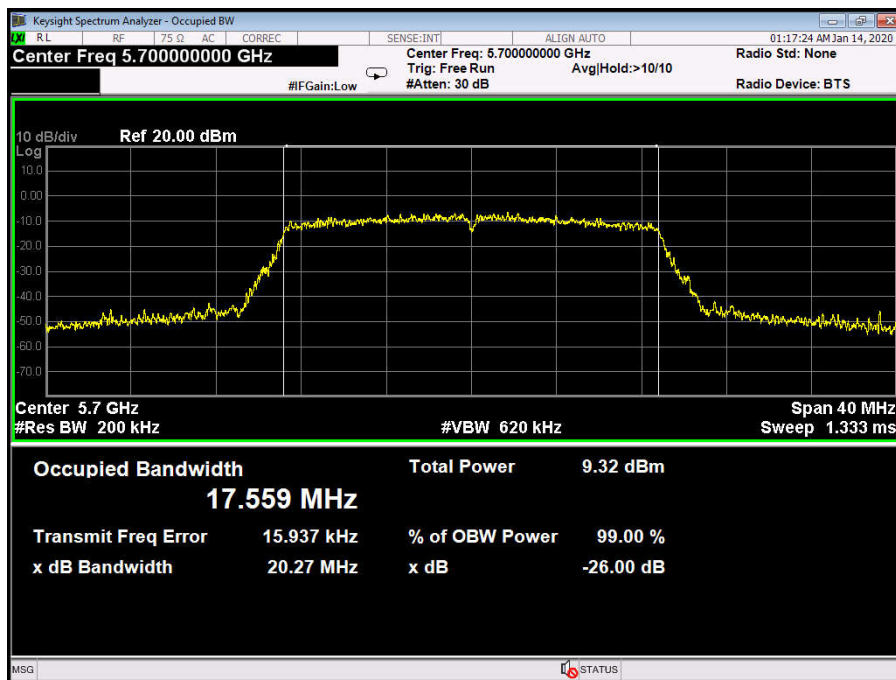
802.11n(HT20) Mode

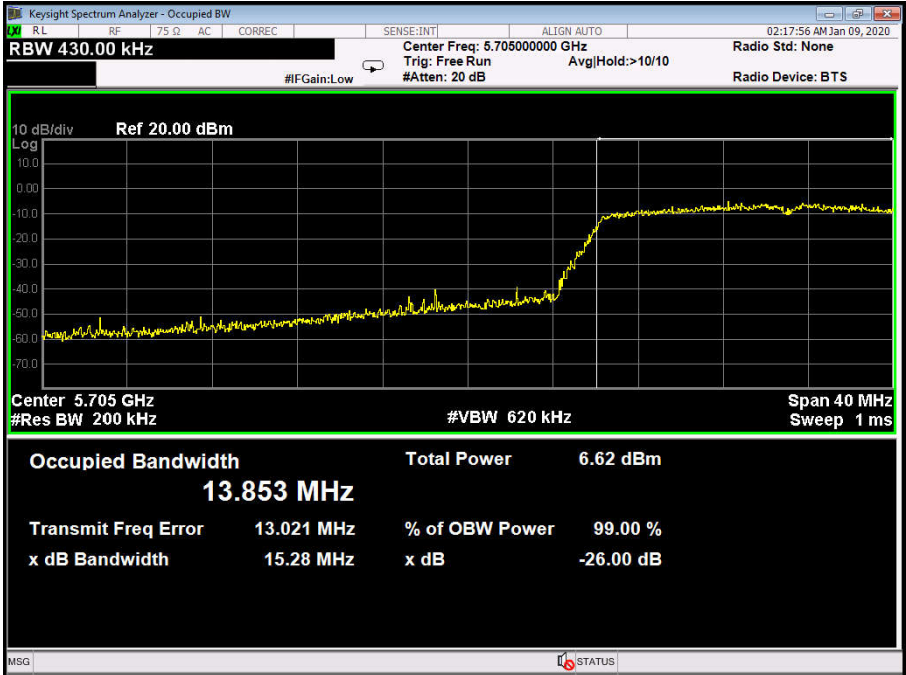
5600 MHz



802.11n(HT20) Mode

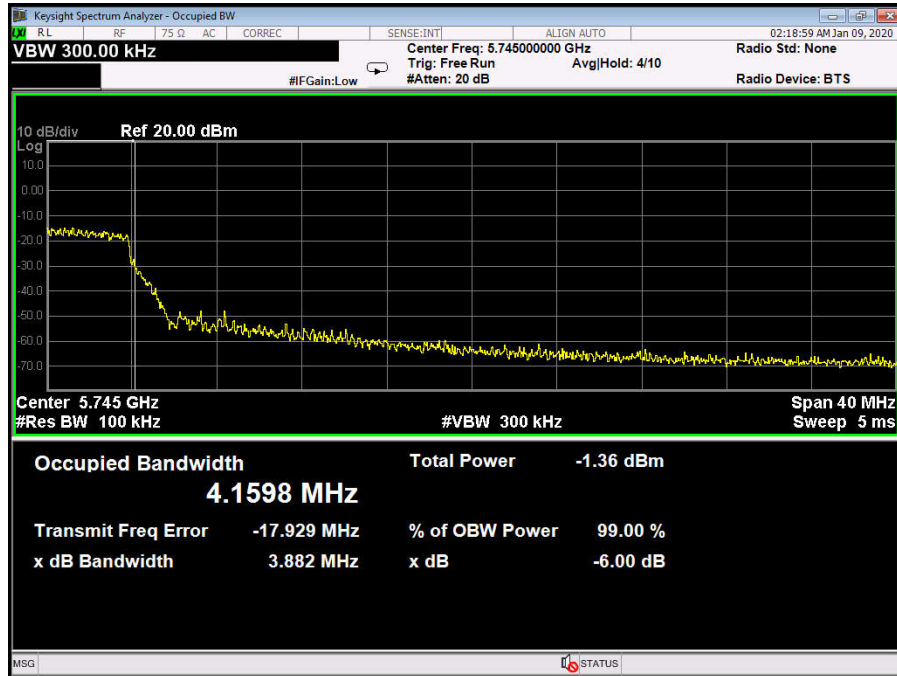
5700 MHz

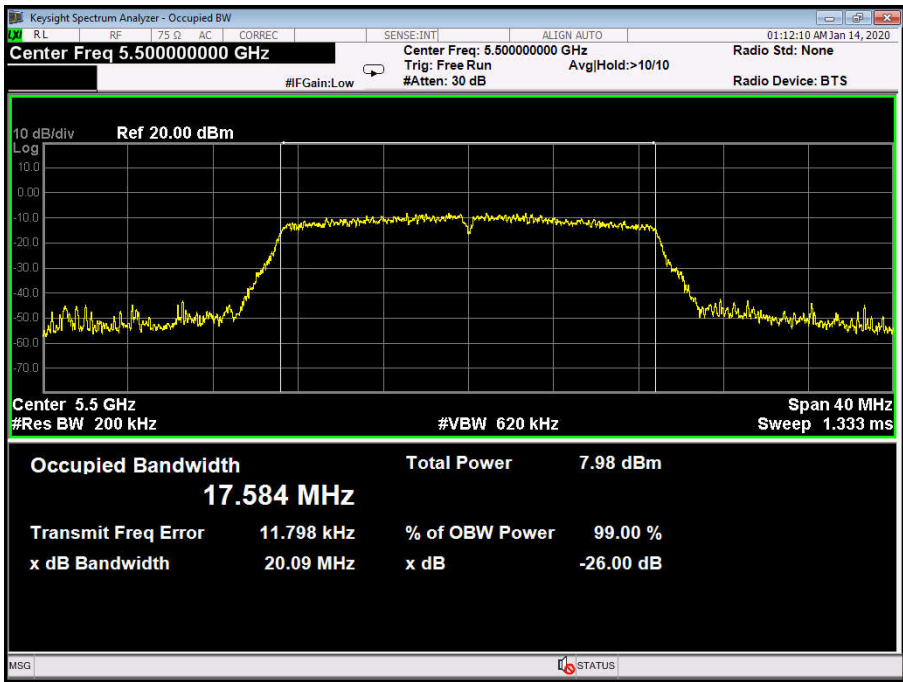


Temperature:	25 °C	Relative Humidity:	55%			
Test Voltage:	DC 3.8V					
Test Mode:	TX 802.11n(HT20) Mode (U-NII-2C)					
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)		
144	5720	15.28	----	13.853		
		----	3.882	4.1598		
802.11n(HT20) Mode						
5720 MHz Straddle 5.47-5.725GHz						
						

802.11n(HT20) Mode

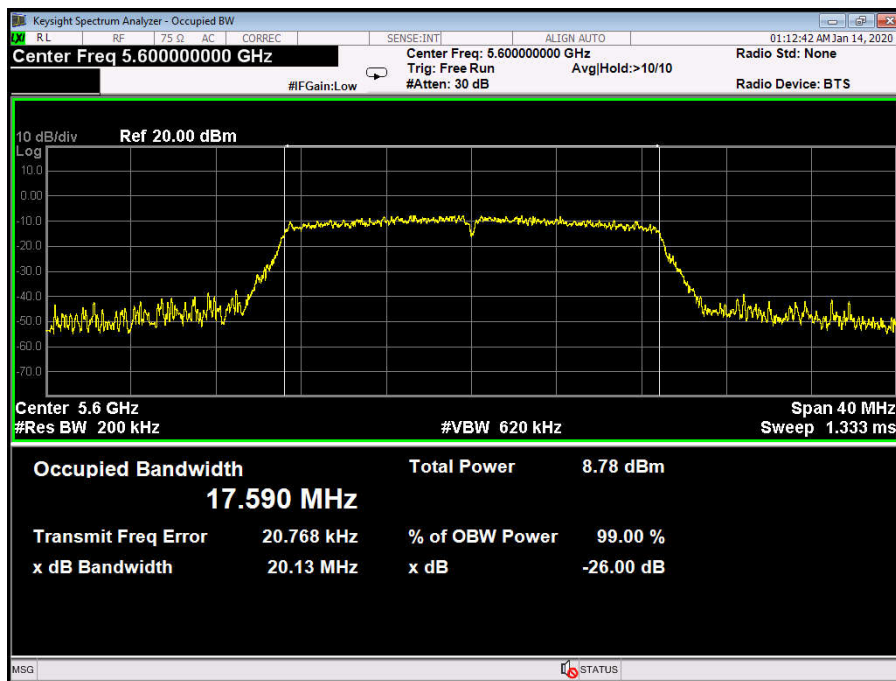
5720 MHz Straddle 5.725-5.85GHz



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	20.09	17.584
116	5600	20.13	17.590
144	5700	20.13	17.552
802.11ac(VHT20) Mode			
5500 MHz			
 Keysight Spectrum Analyzer - Occupied BW Center Freq: 5.500000000 GHz Trig: Free Run Radio Std: None Radio Device: BTS 10 dB/div Ref 20.00 dBm Center 5.5 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms Occupied Bandwidth 17.584 MHz Total Power 7.98 dBm Transmit Freq Error 11.798 kHz % of OBW Power 99.00 % x dB Bandwidth 20.09 MHz x dB -26.00 dB			

802.11ac(VHT20) Mode

5600 MHz



802.11ac(VHT20) Mode

5700 MHz

