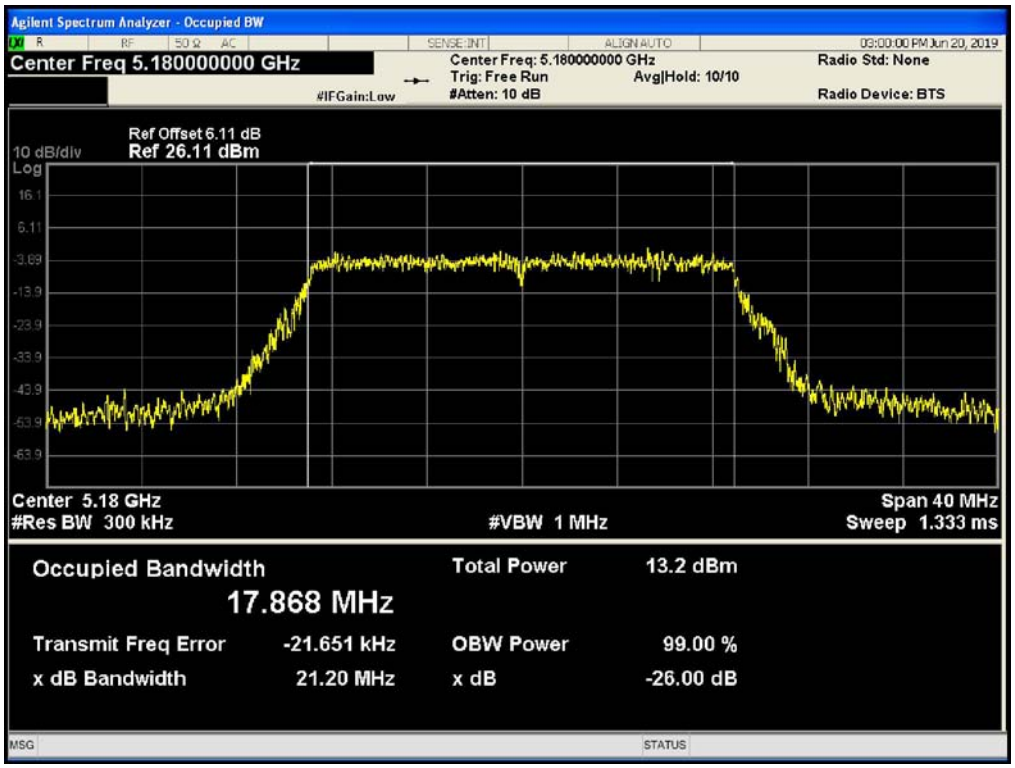
Attachment D-- Bandwidth Test Data

Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode (U-NII-1)		

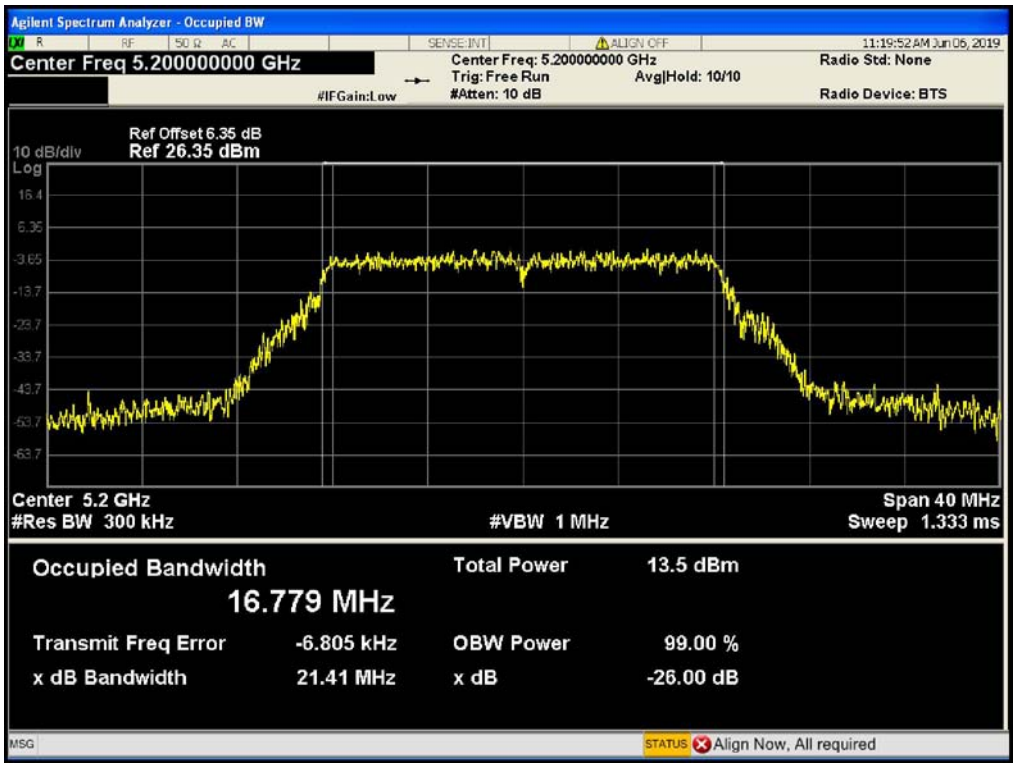
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
36	5180	21.20	17.868
40	5200	21.41	16.779
48	5240	21.10	16.762

802.11a Mode

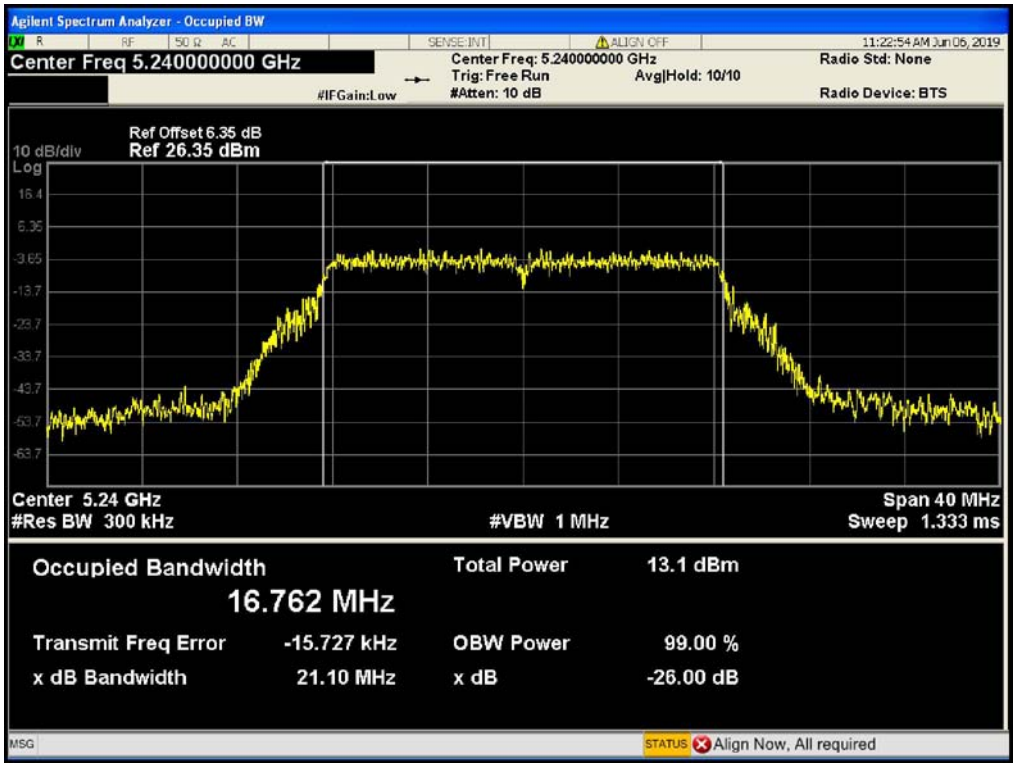
5180 MHz



802.11a Mode
5200 MHz



802.11a Mode
5240 MHz

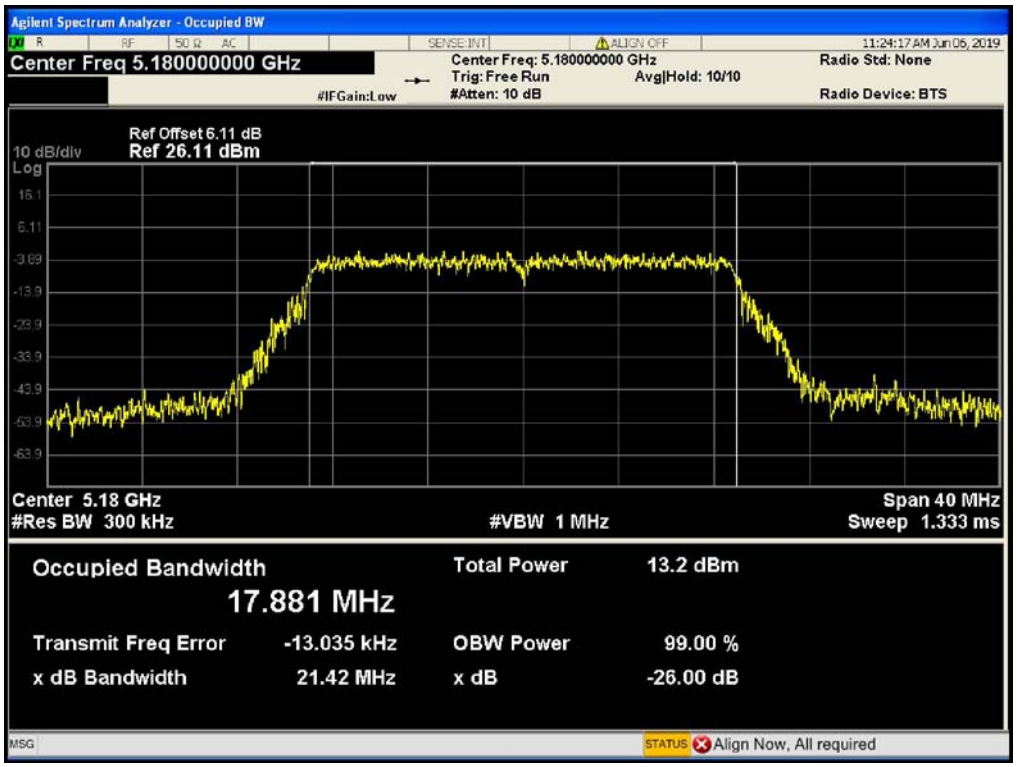


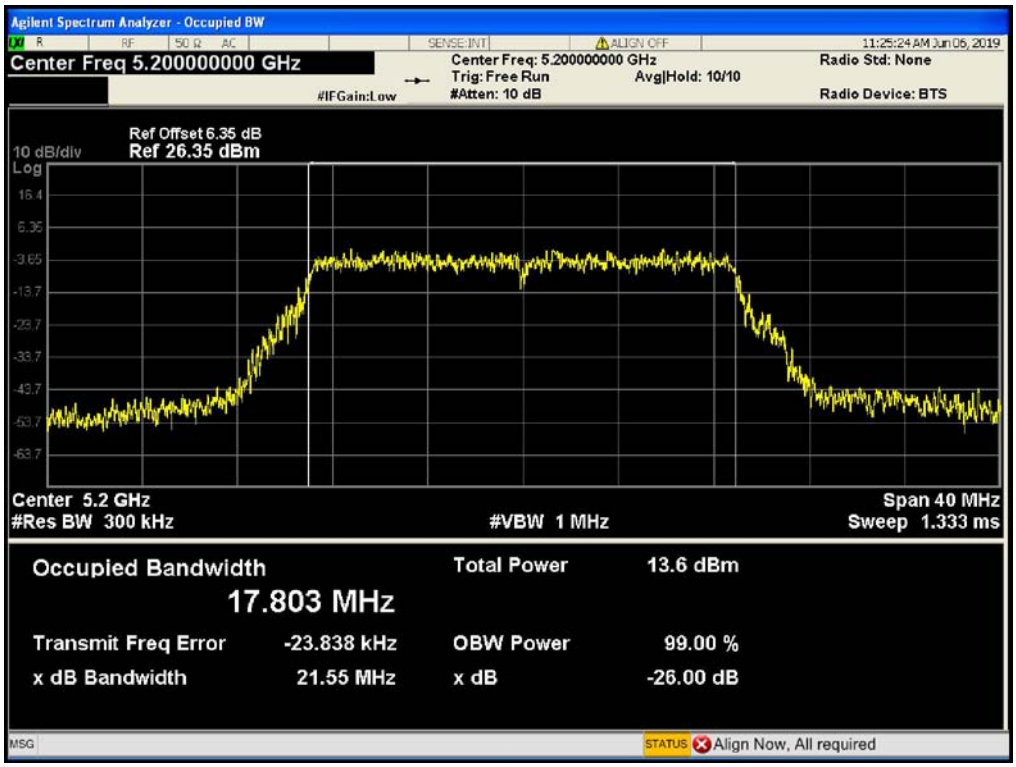
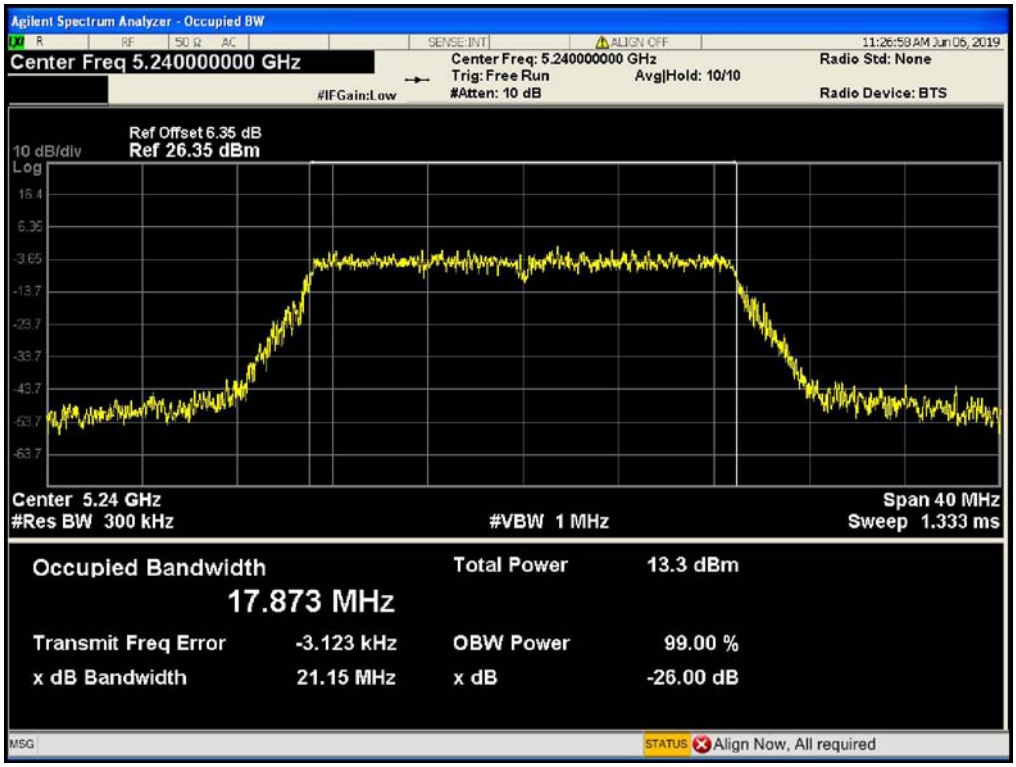
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode (U-NII-1)		

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
36	5180	21.42	17.881
40	5200	21.55	17.803
48	5240	21.15	17.873

802.11n(HT20) Mode

5180 MHz

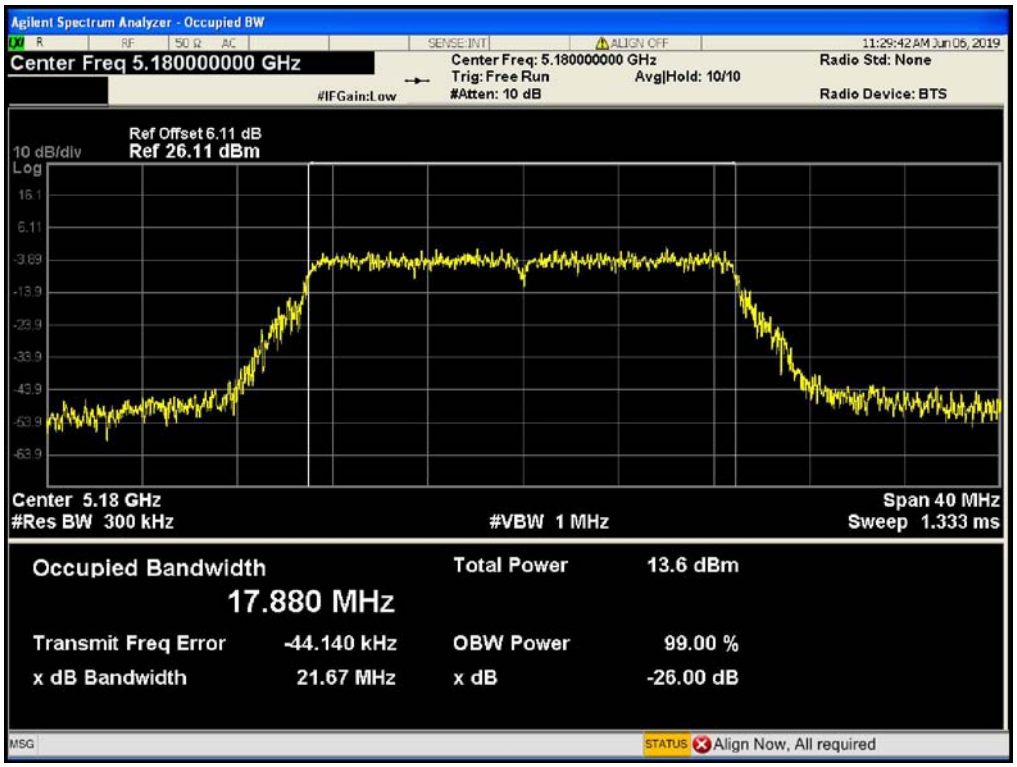


802.11n(HT20) Mode
5200 MHz

802.11n(HT20) Mode
5240 MHz


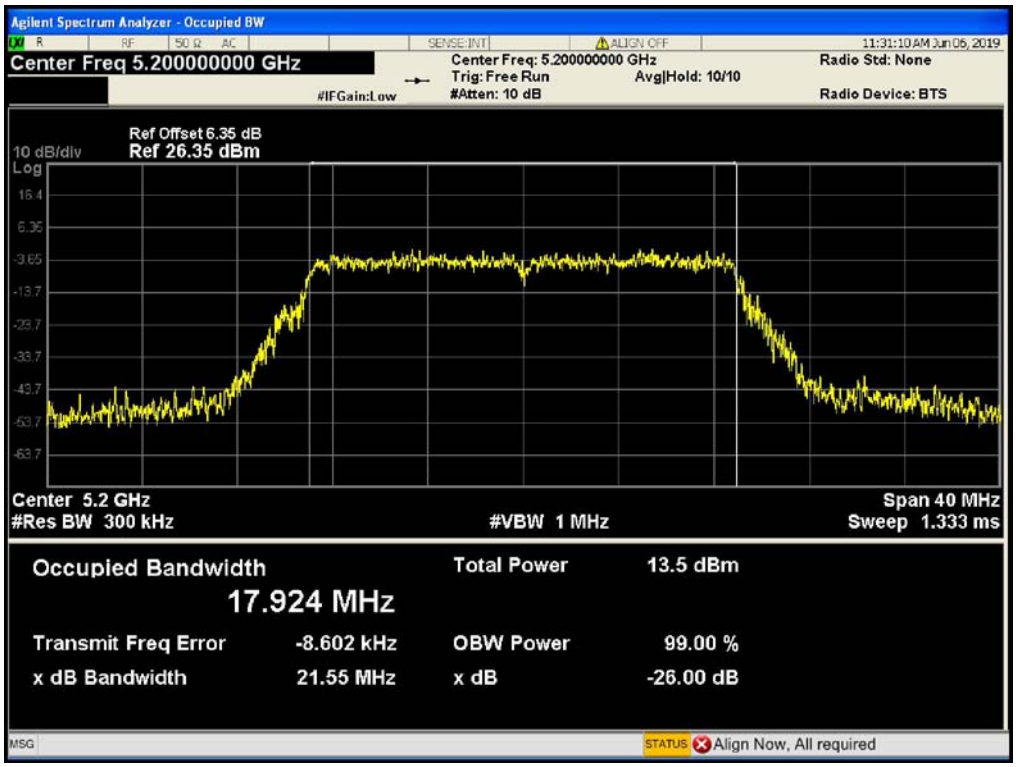
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(20) Mode (U-NII-1)		

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
36	5180	21.67	17.880
40	5200	21.55	17.924
48	5240	21.52	17.820
802.11ac(20) Mode			

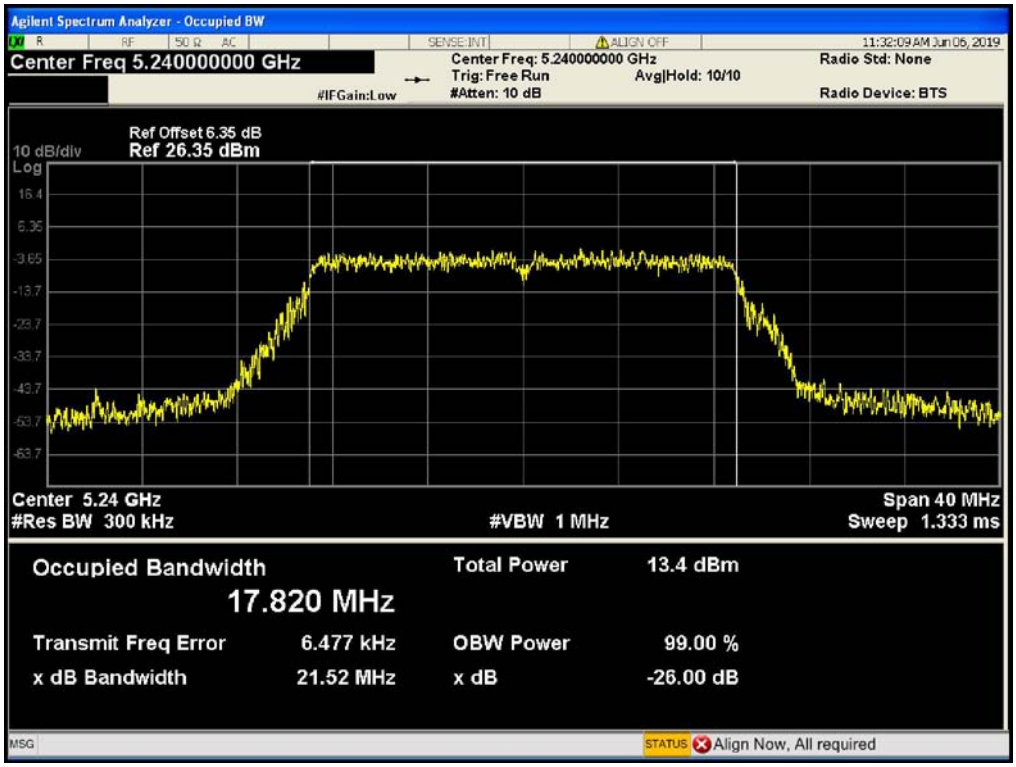
5180 MHz



802.11ac(20) Mode
5200 MHz



802.11ac(20) Mode
5240 MHz

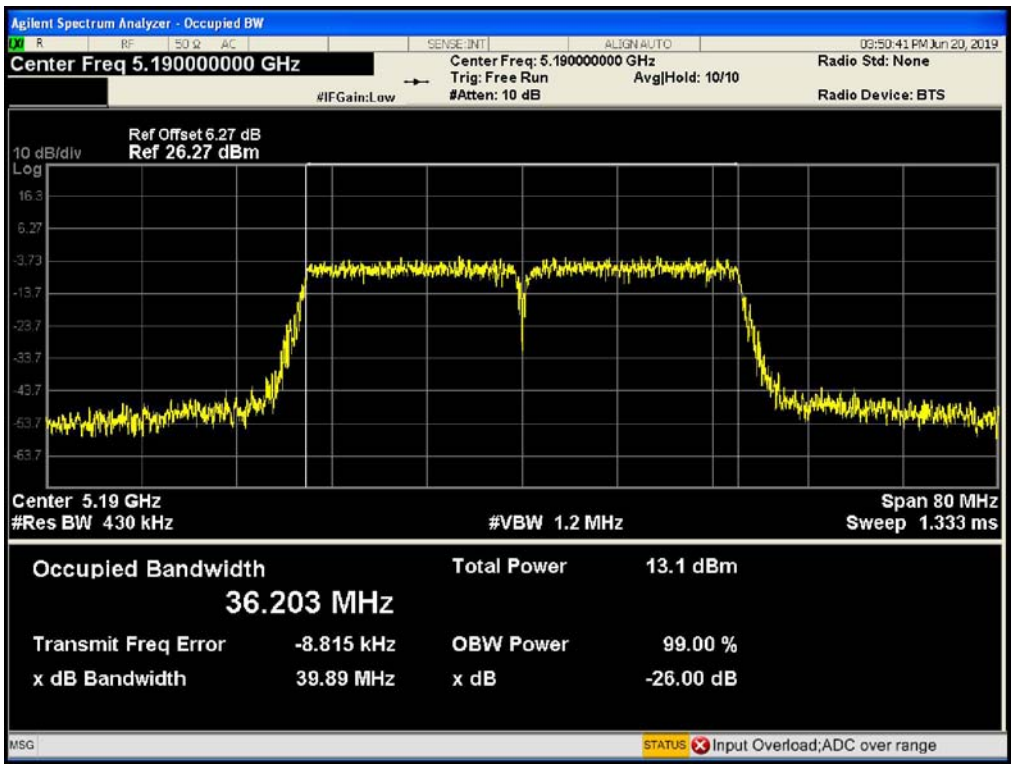


Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11N(HT40) Mode (U-NII-1)		

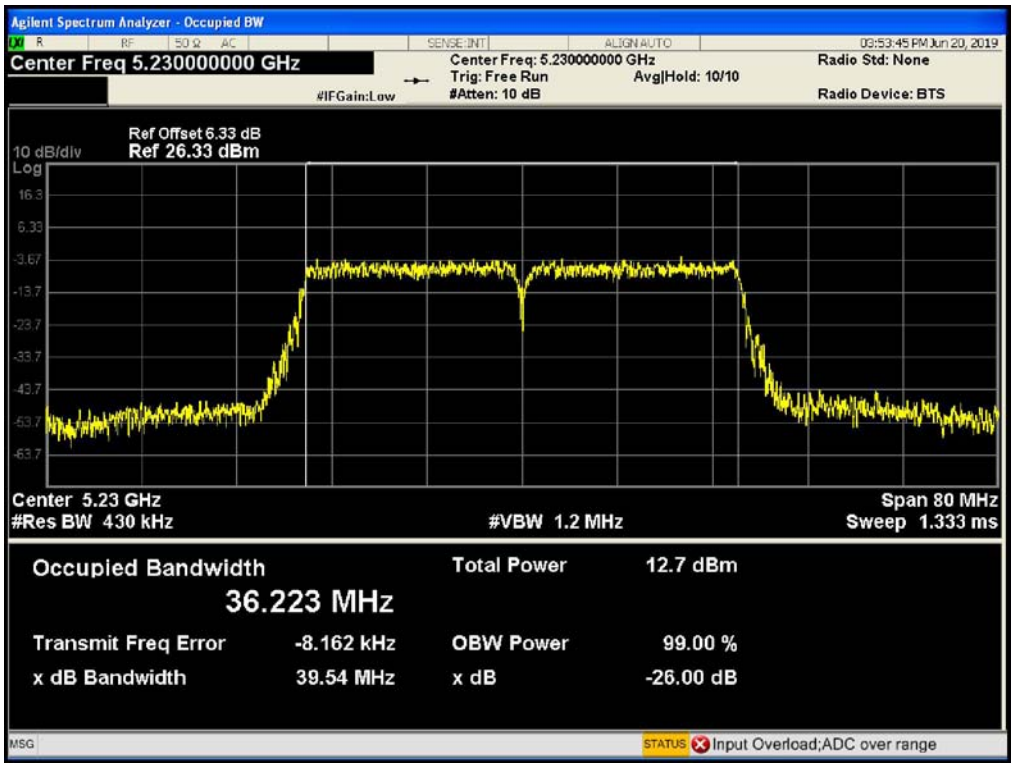
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
38	5190	39.89	36.203
46	5230	39.54	36.223

802.11N(HT40) Mode

5190 MHz



802.11N(HT40) Mode
5230 MHz

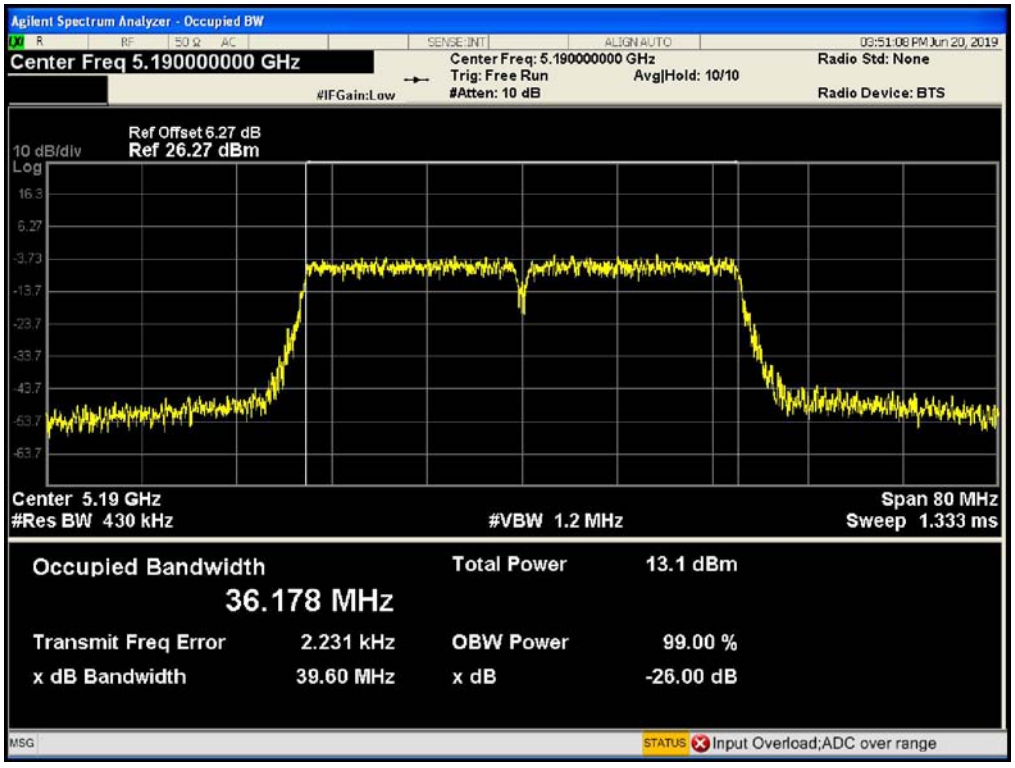


Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(40) Mode (U-NII-1)		

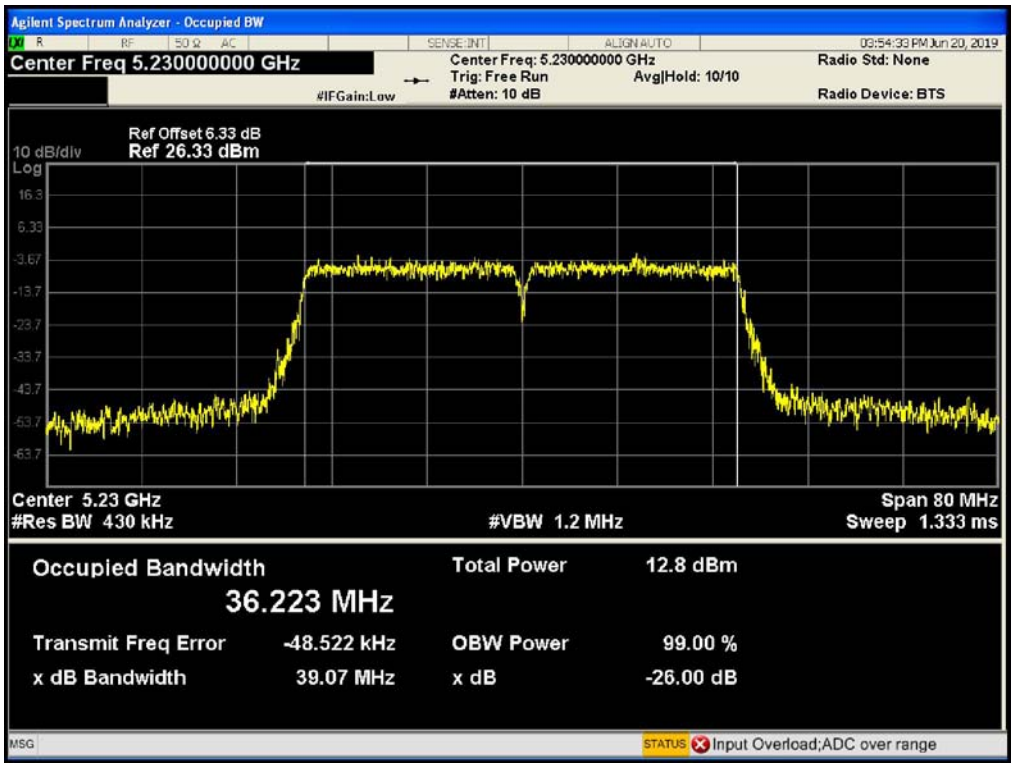
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
38	5190	39.60	36.178
46	5230	39.07	36.223

802.11ac(40) Mode

5190 MHz



802.11ac(40) Mode
5230 MHz

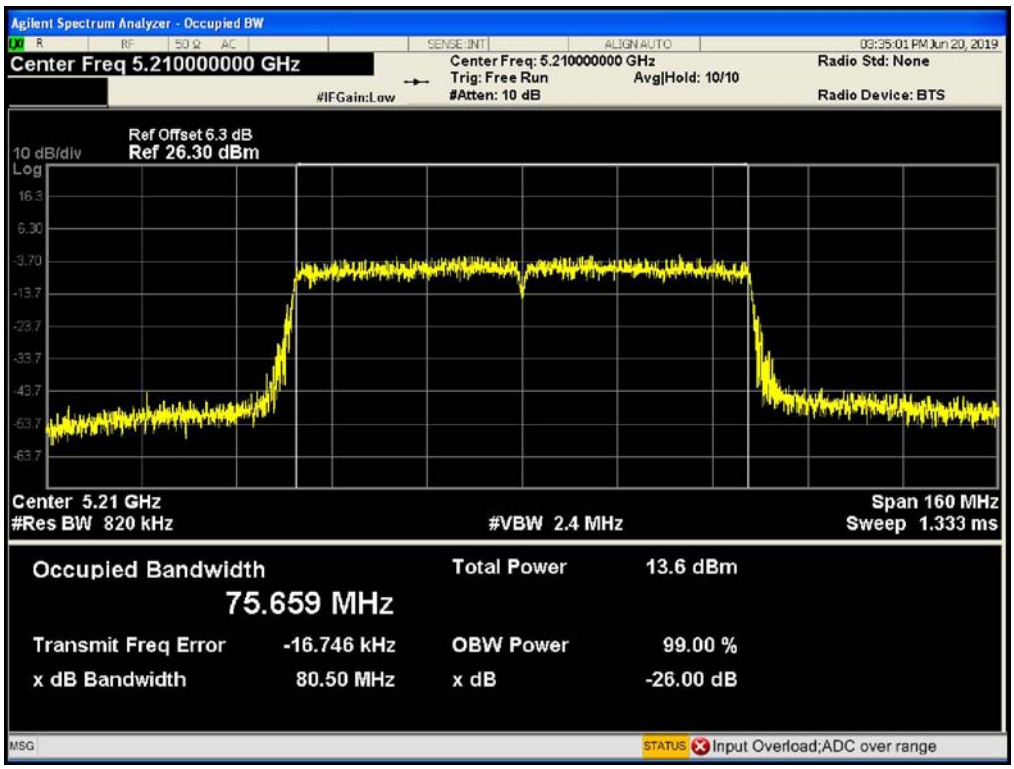


Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(80) Mode (U-NII-1)		

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
42	5210	80.50	75.659

802.11ac(80) Mode

5210 MHz

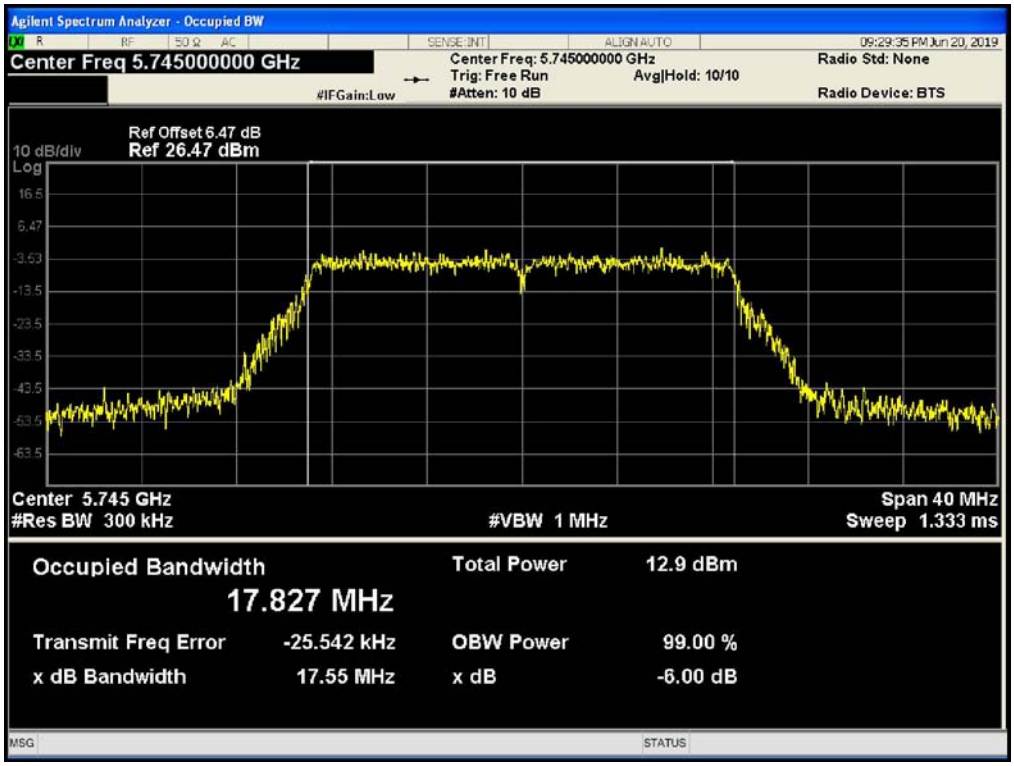


Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode (U-NII-3)		

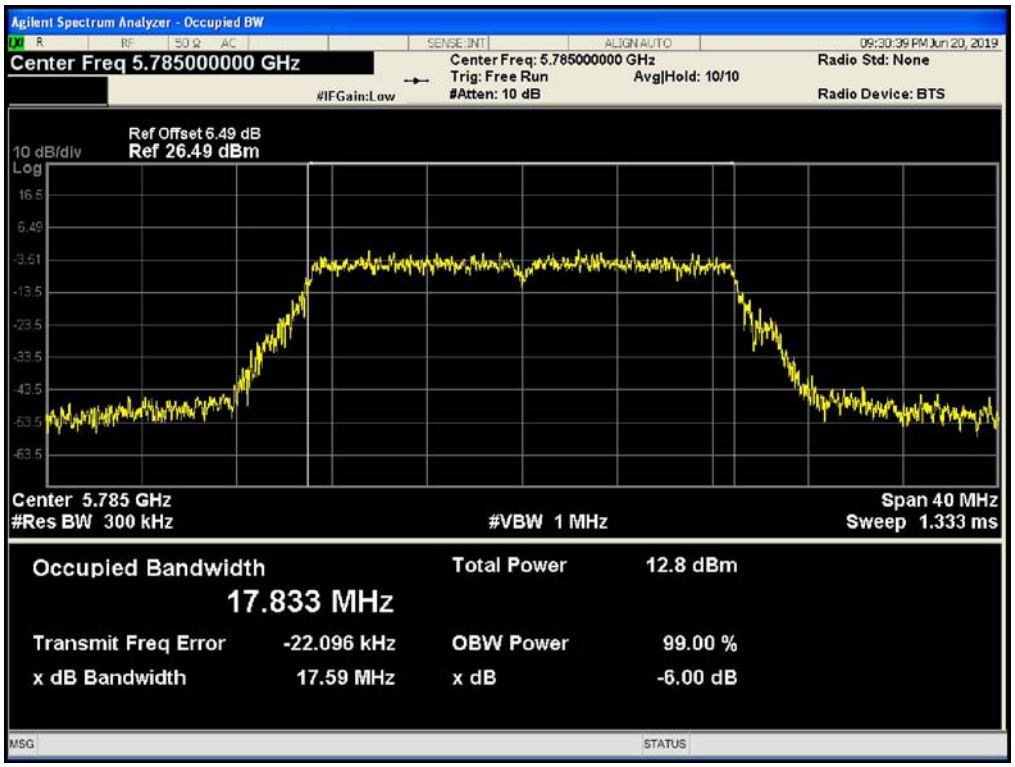
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
149	5745	17.55	17.827
157	5785	17.59	17.833
165	5825	17.64	17.835
Limit(MHz):		＞0.5MHz	/

802.11a Mode

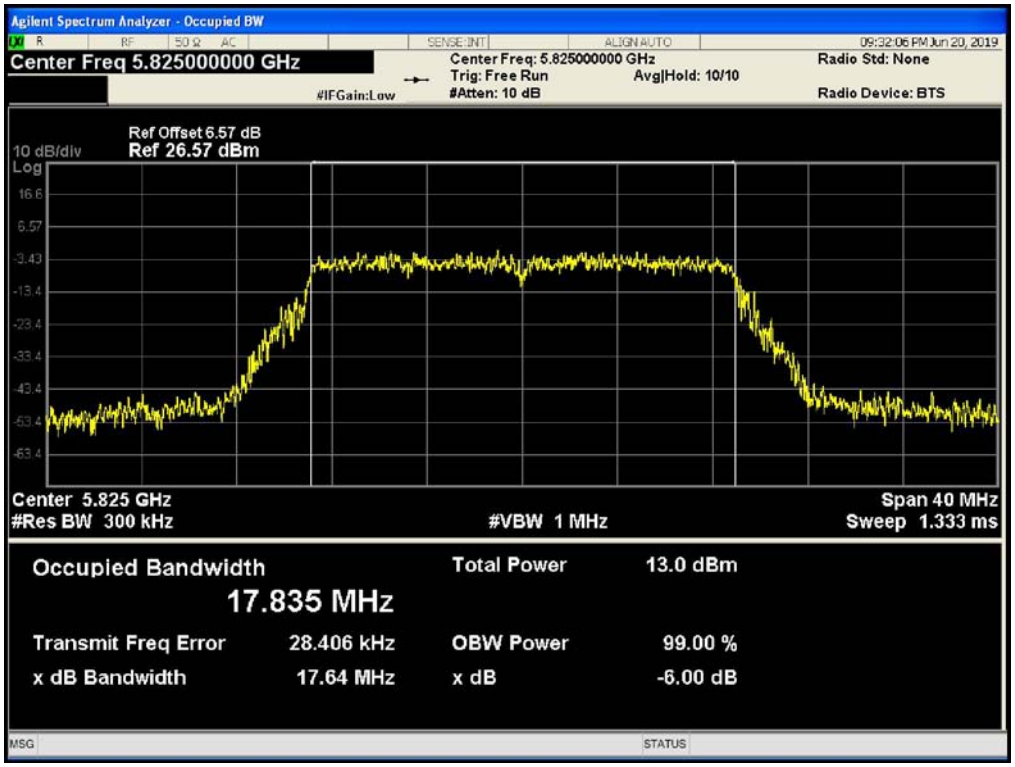
5745 MHz



802.11a Mode
5785 MHz



802.11a Mode
5825 MHz

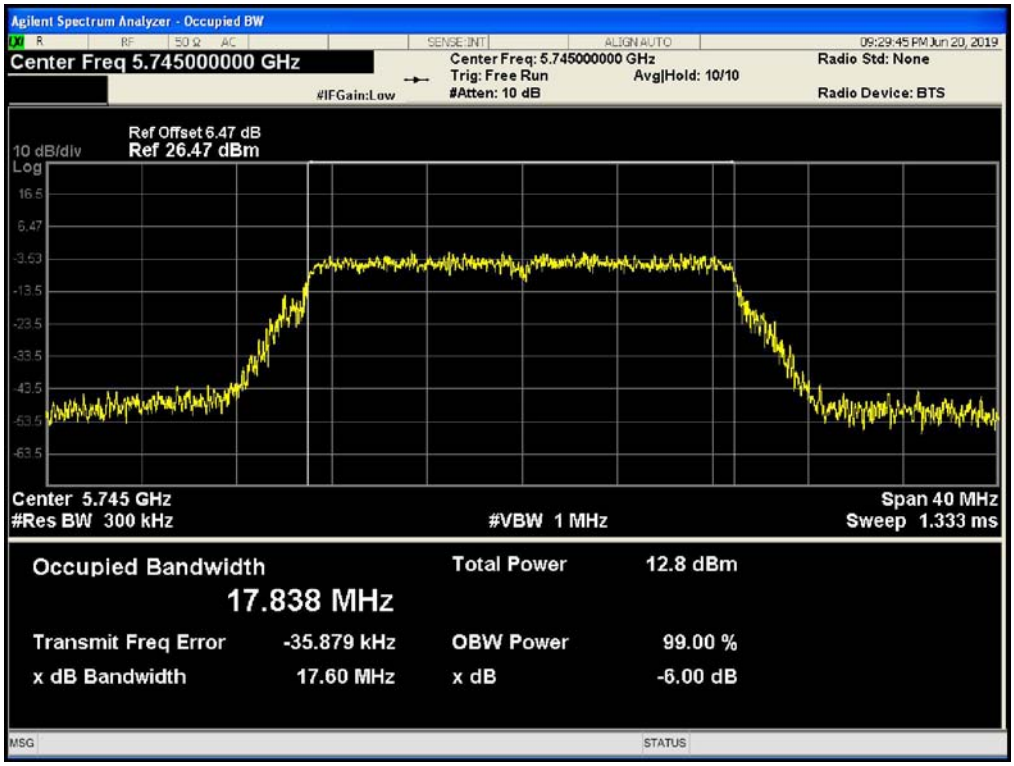


Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(20) Mode (U-NII-3)		

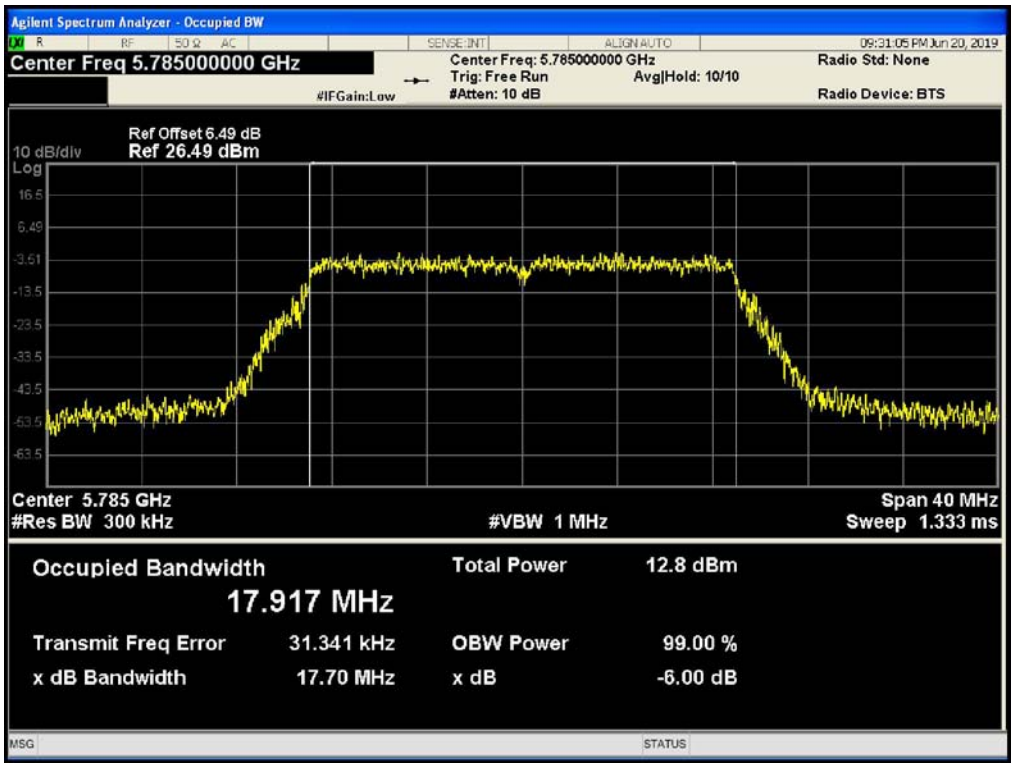
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
149	5745	17.60	17.838
157	5785	17.70	17.917
165	5825	17.53	17.884
Limit(MHz):		＞0.5MHz	/

802.11n(HT20) Mode

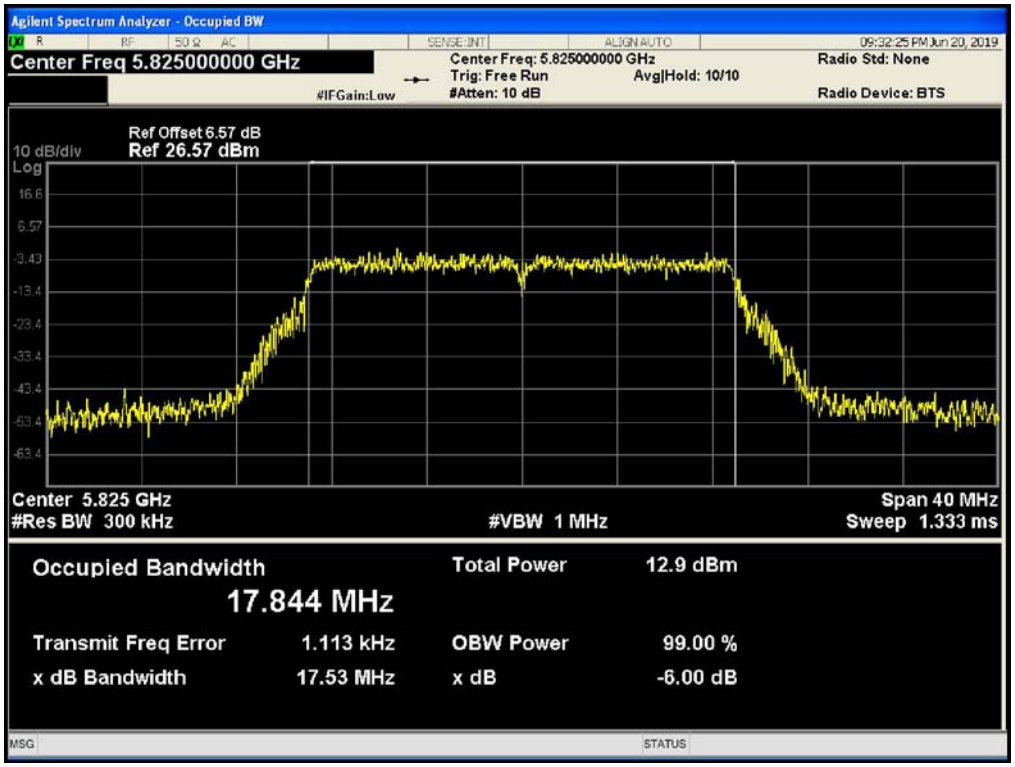
5745 MHz



802.11n(HT20) Mode
5785 MHz



802.11n(HT20) Mode
5825 MHz

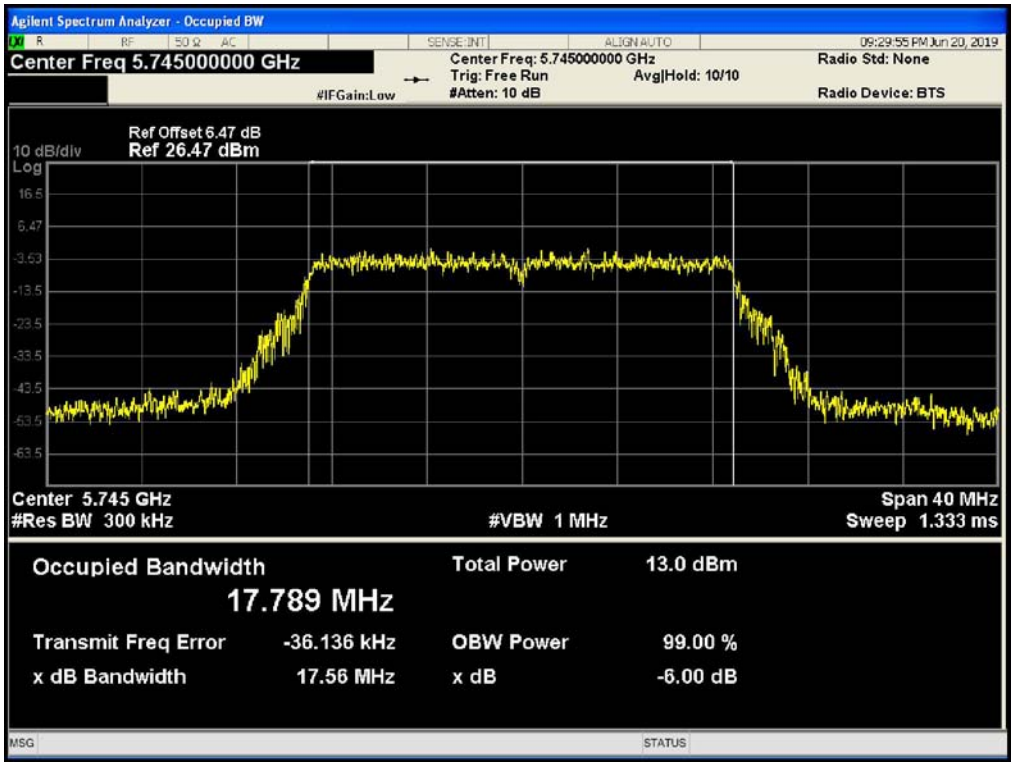


Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(20) Mode (U-NII-3)		

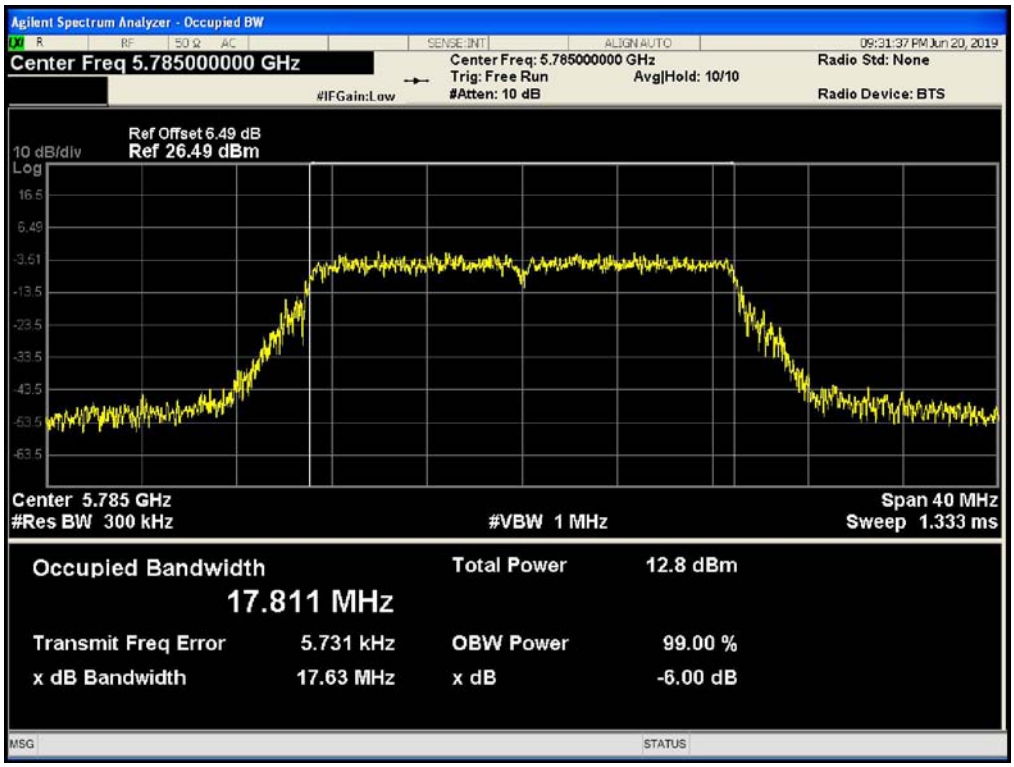
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
149	5745	17.56	17.789
157	5785	17.63	17.811
165	5825	17.58	17.779
Limit(MHz):		＞0.5MHz	/

802.11ac(20) Mode

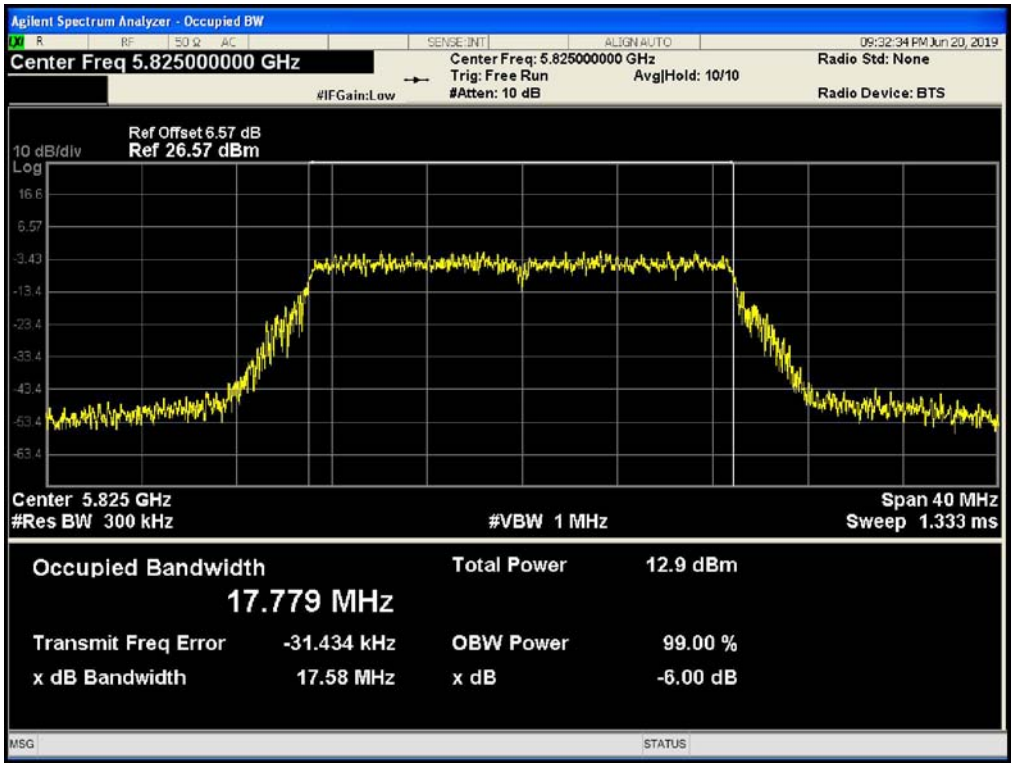
5745 MHz



802.11ac(20) Mode
5785 MHz



802.11ac(20) Mode
5825 MHz

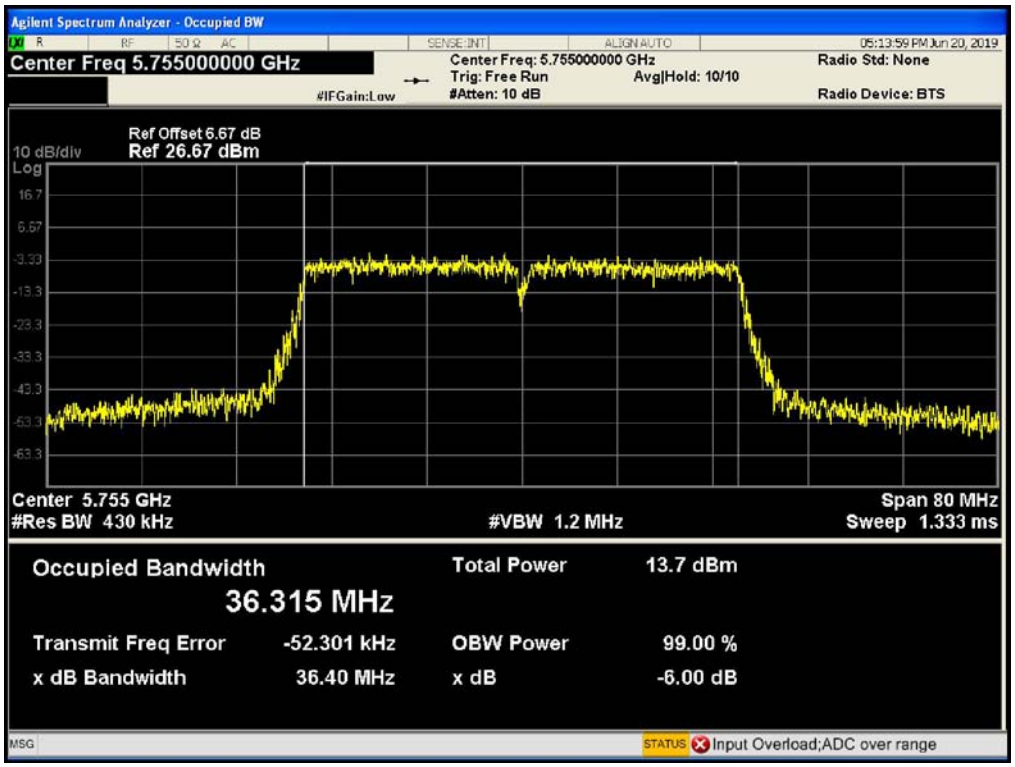


Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(40) Mode (U-NII-3)		

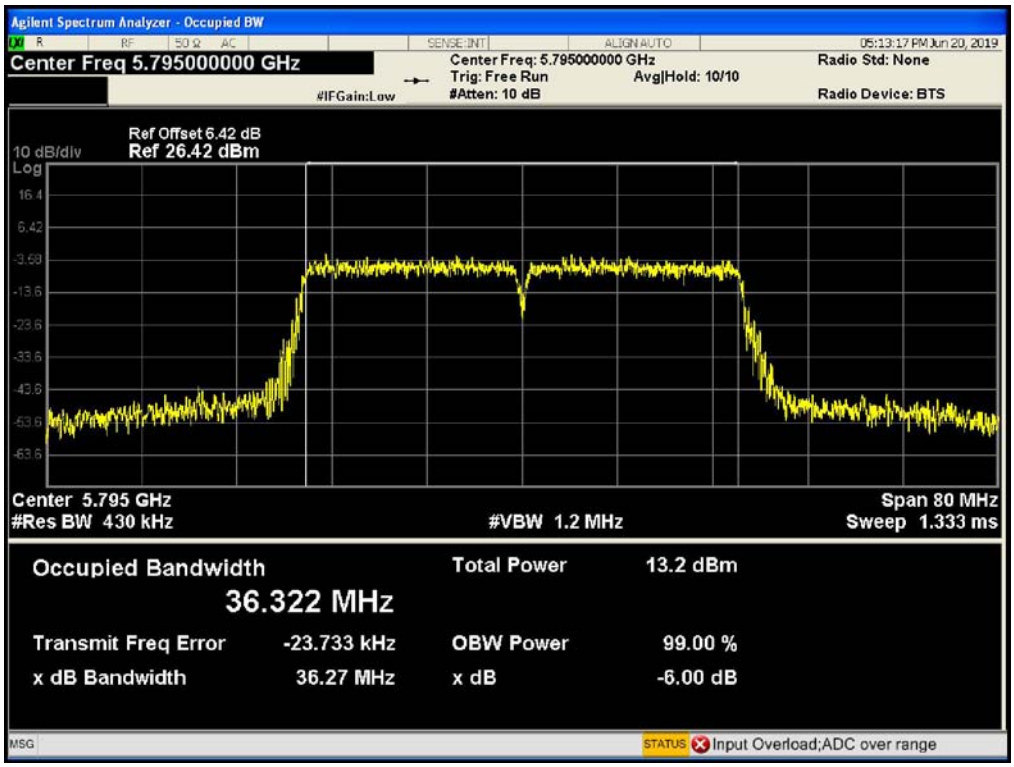
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
151	5755	36.40	36.315
159	5795	36.27	36.322
Limit(MHz):		＞0.5MHz	/

802.11n(HT40) Mode

5755 MHz



802.11n(HT40) Mode
5795 MHz

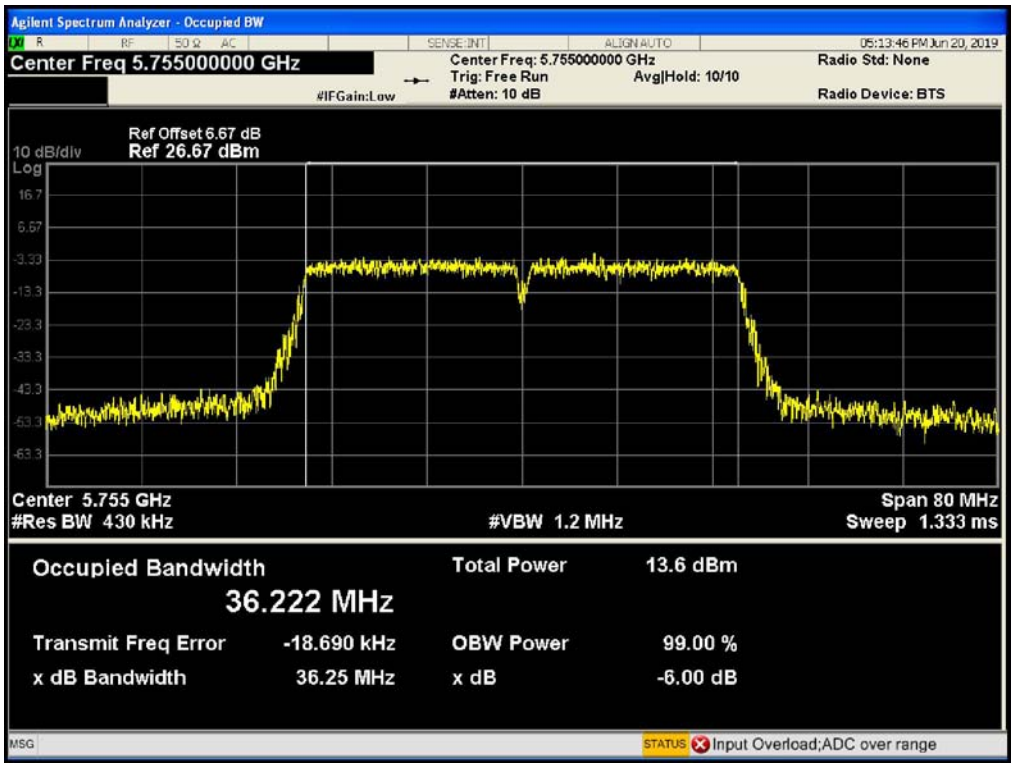


Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(40) Mode (U-NII-3)		

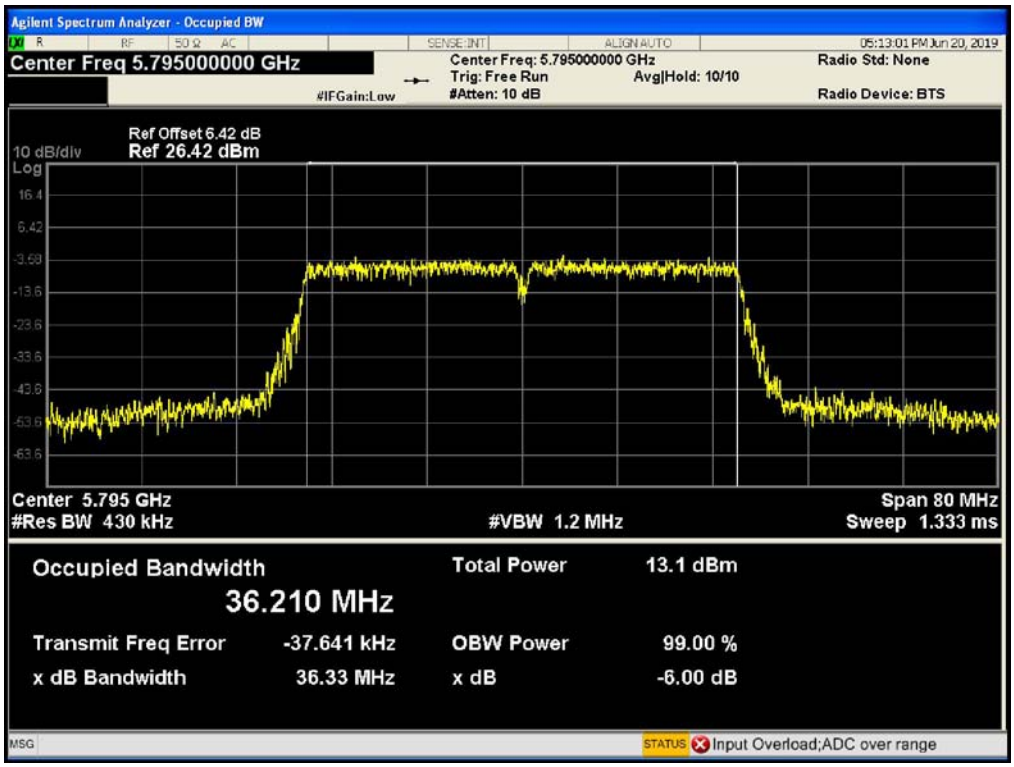
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
151	5755	36.25	36.222
159	5795	36.33	36.210
Limit(MHz):		＞0.5MHz	/

802.11ac(40) Mode

5755 MHz



802.11ac(40) Mode
5795 MHz



Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(80) Mode (U-NII-3)		

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
155	5775	76.29	75.652
Limit(MHz):		＞0.5MHz	/

802.11ac(80) Mode

5775 MHz