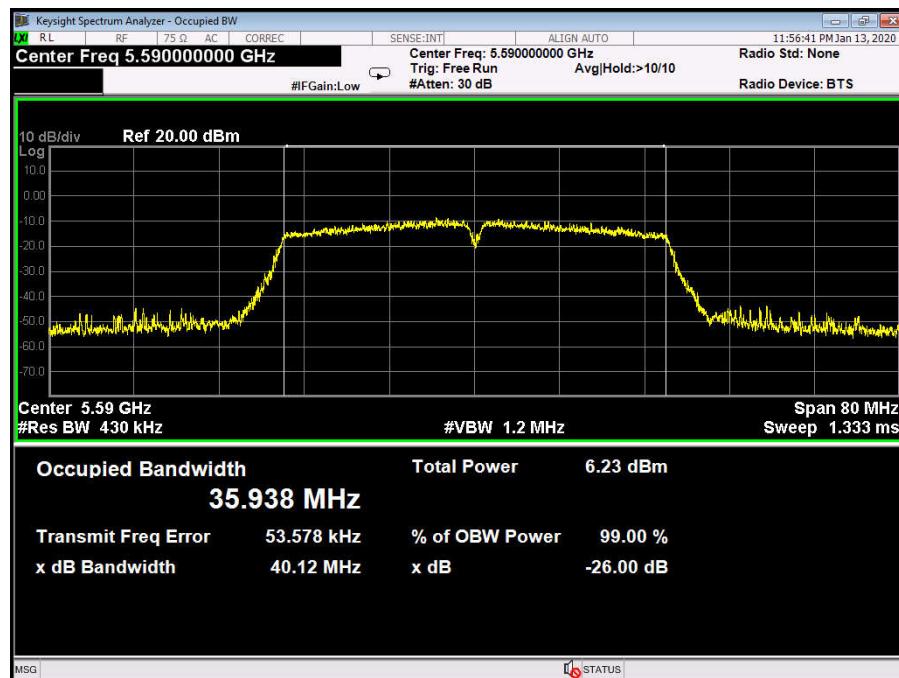
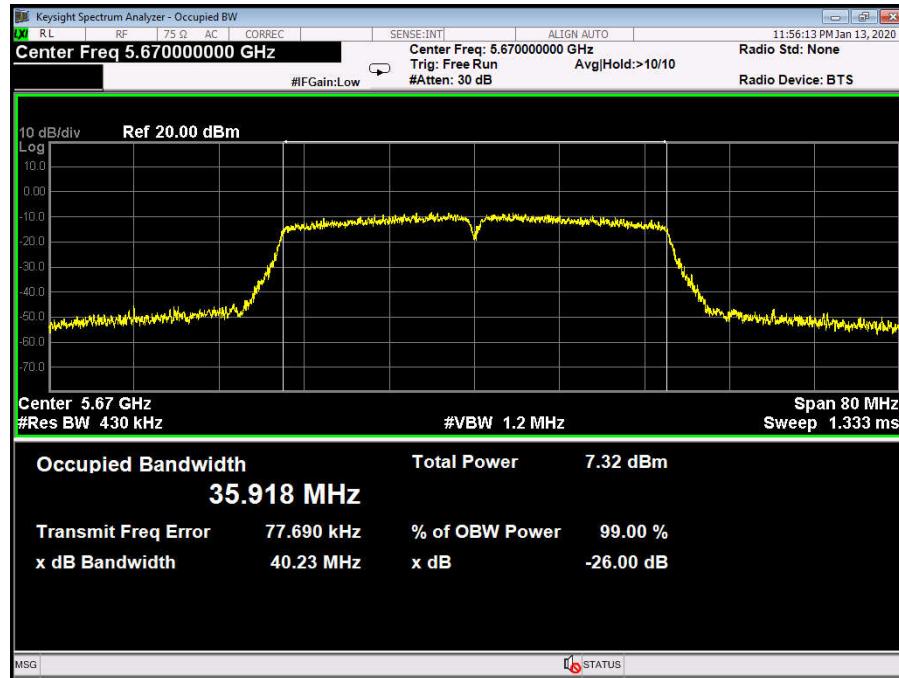
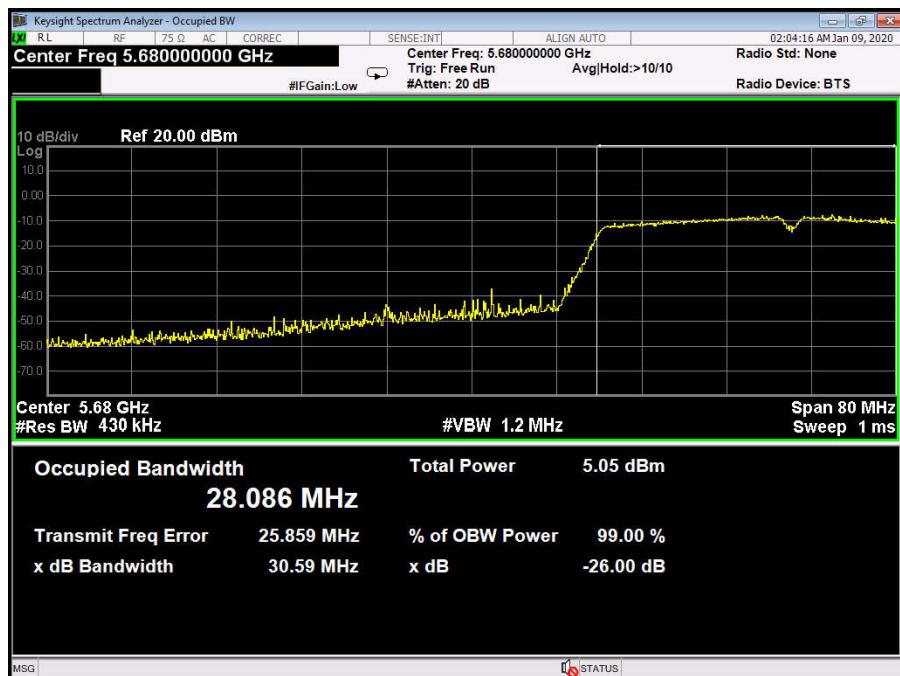
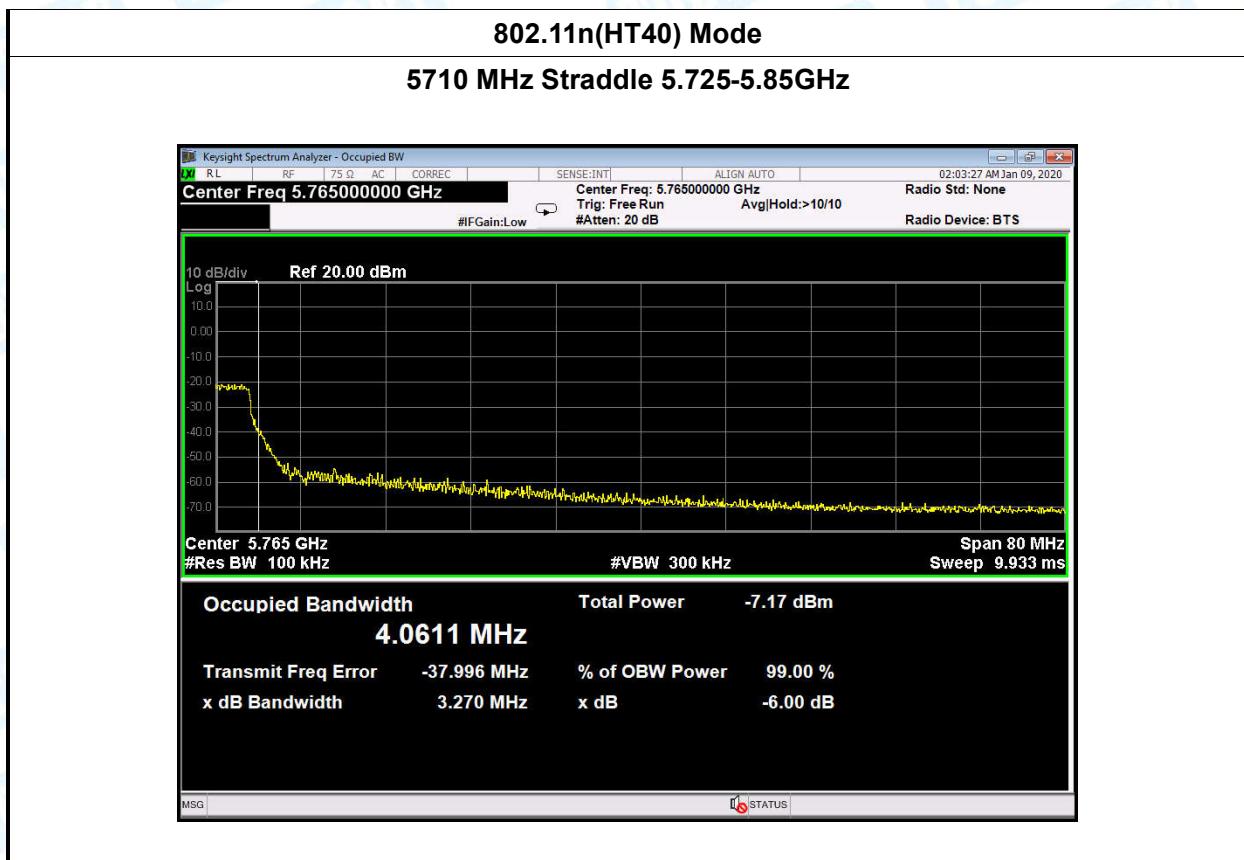
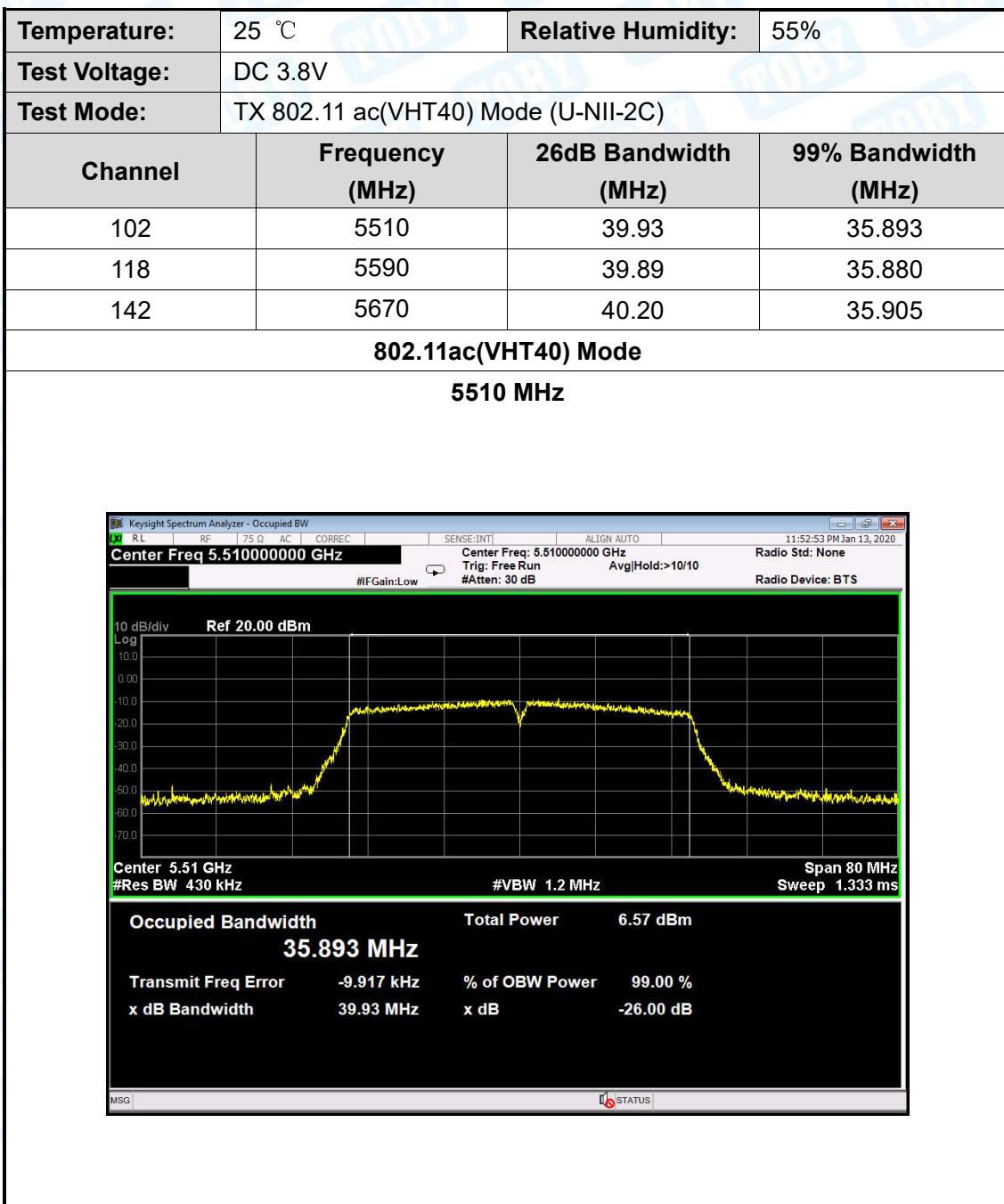


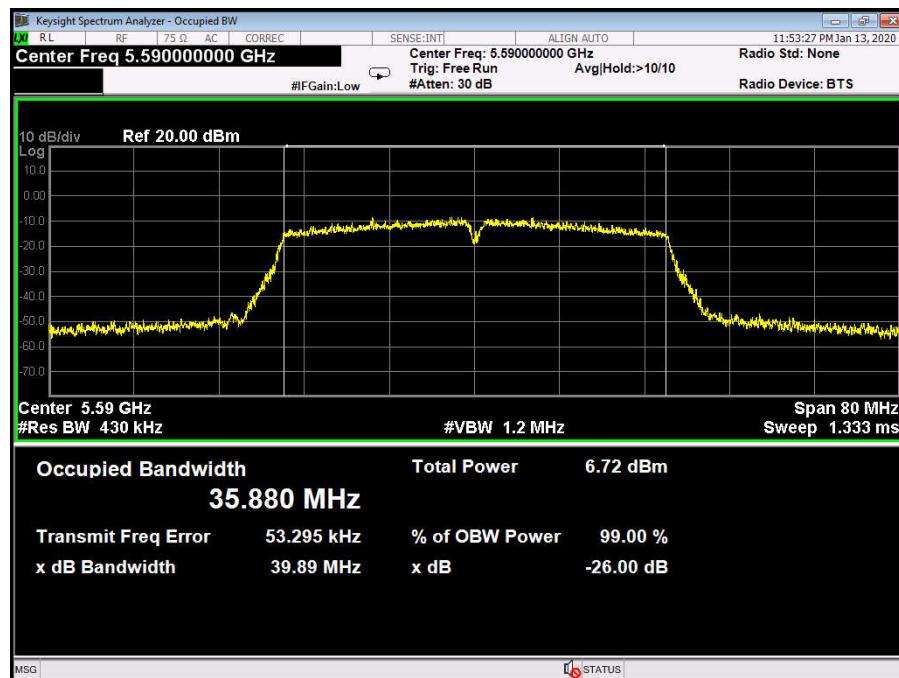
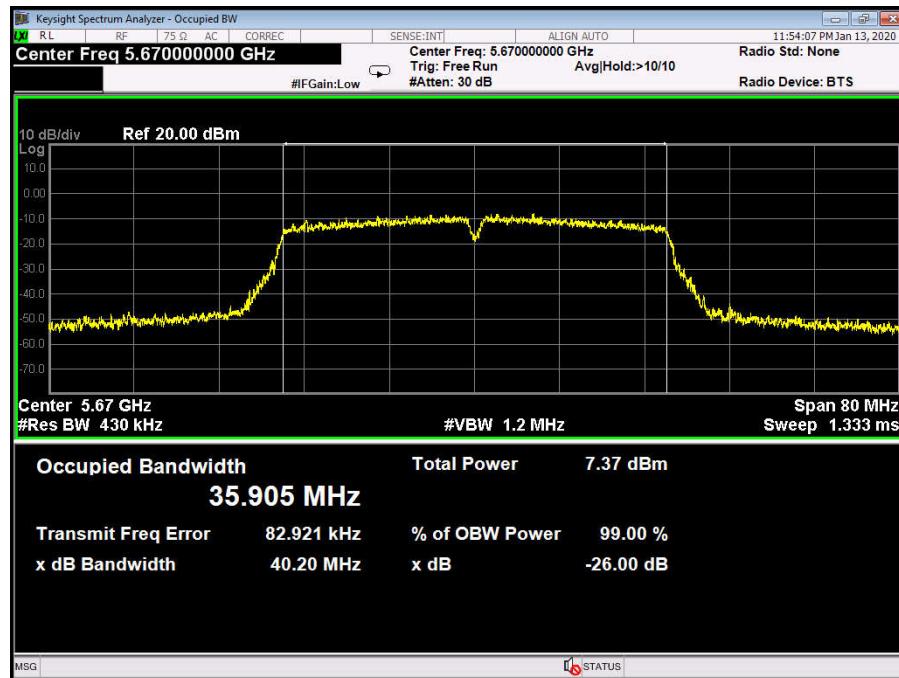
802.11N(HT40) Mode**5590 MHz****802.11N(HT40) Mode****5670 MHz**

Temperature:	25 °C	Relative Humidity:	55%			
Test Voltage:	DC 3.8V					
Test Mode:	TX 802.11n(HT40) Mode (U-NII-2C)					
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)		
142	5710	30.59	----	28.086		
		----	3.270	4.0611		

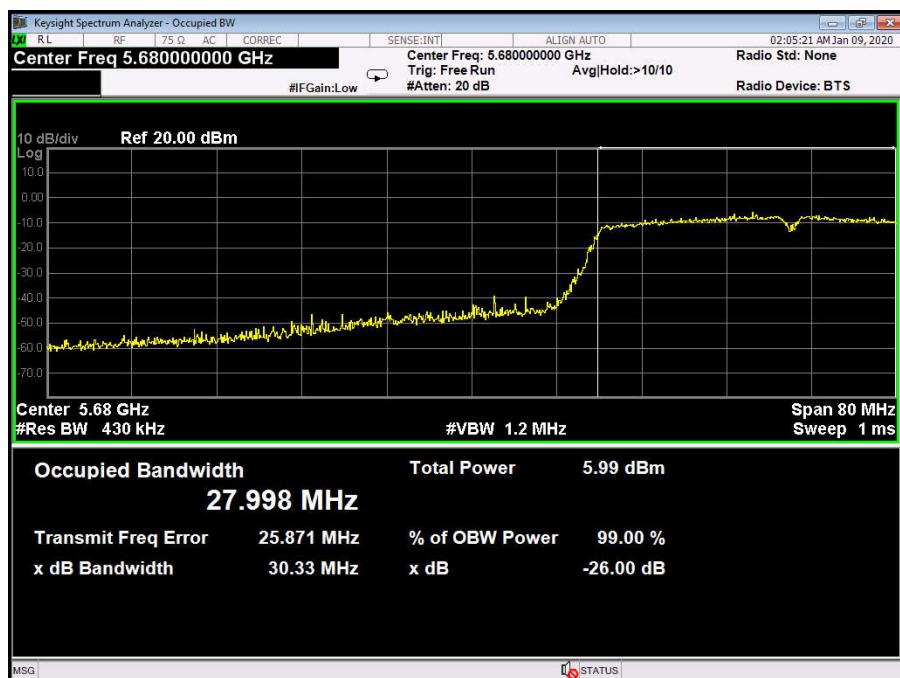
802.11n(HT40) Mode**5710 MHz Straddle 5.47-5.725GHz**

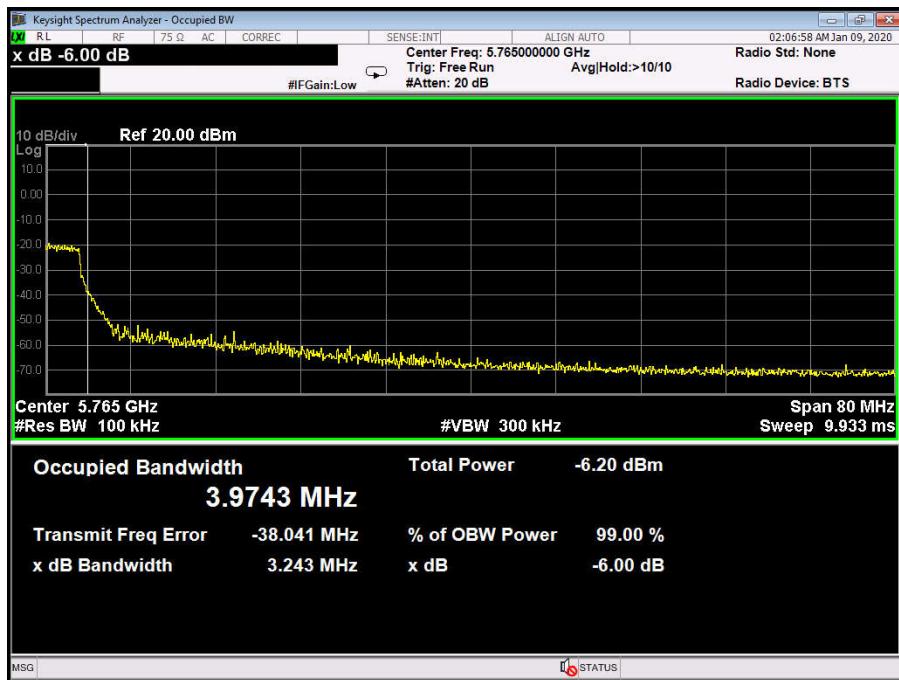


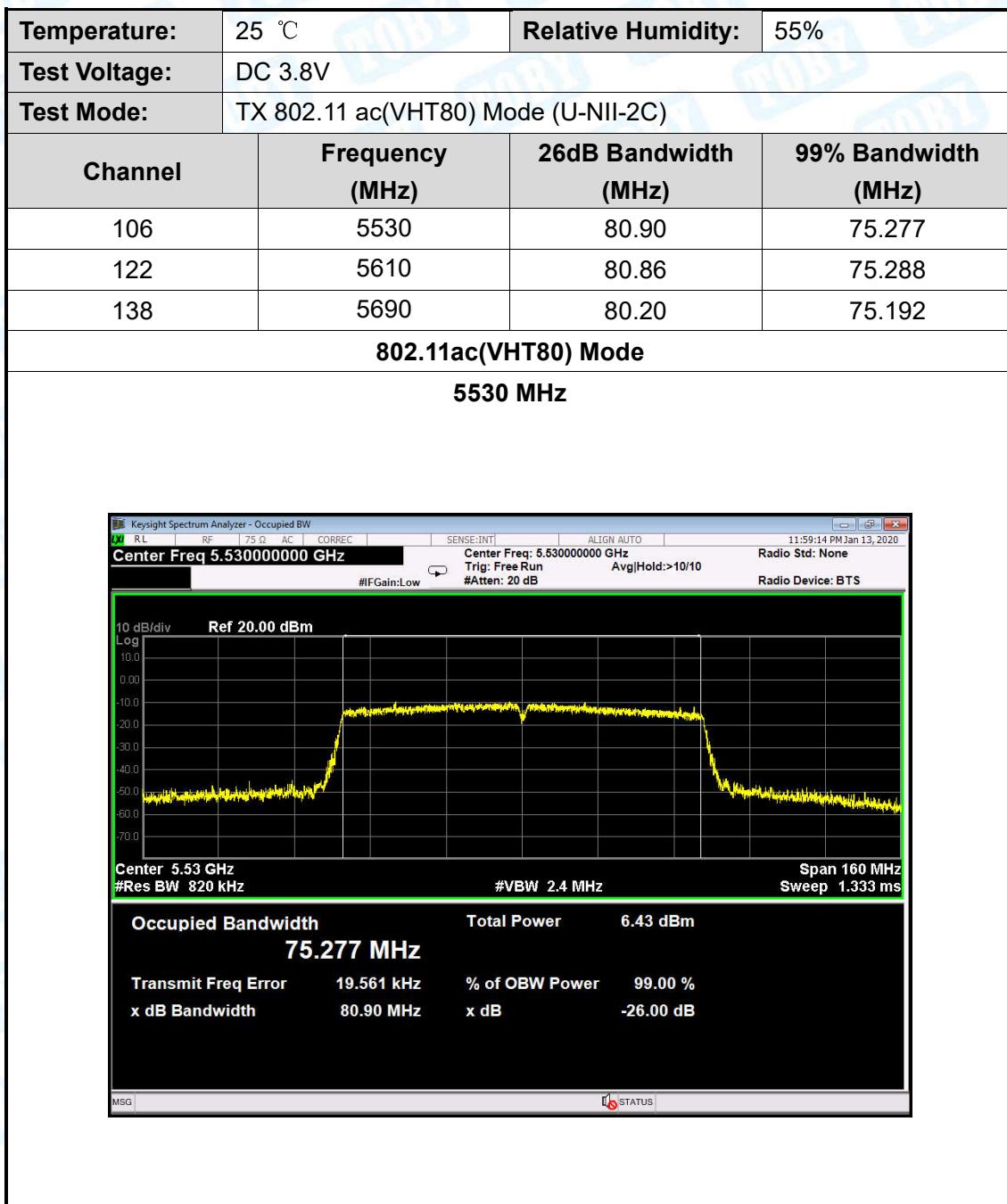


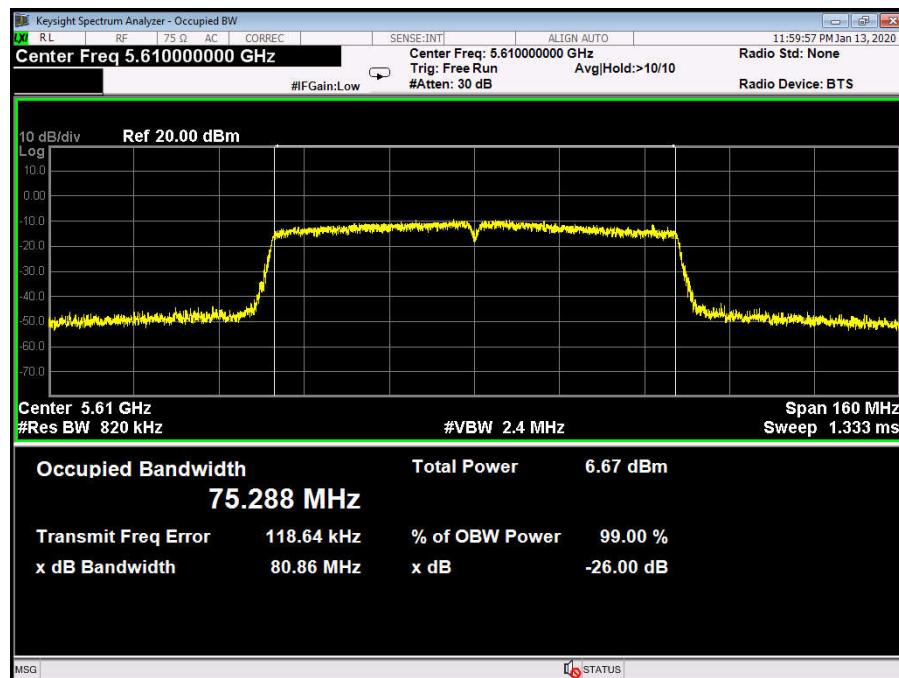
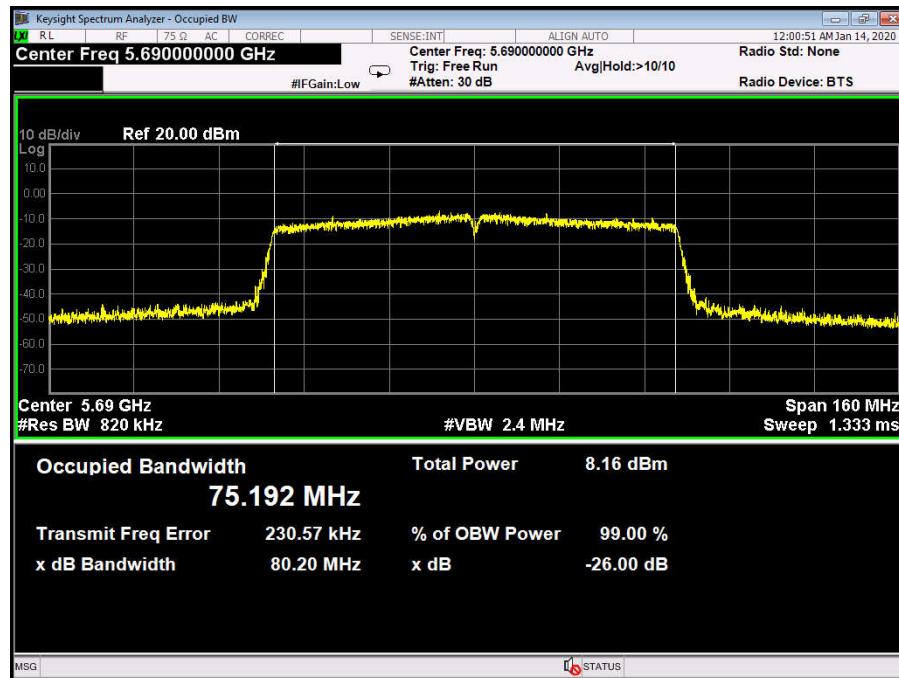
802.11ac(VHT40) Mode**5590 MHz****802.11ac(VHT40) Mode****5670 MHz**

Temperature:	25 °C	Relative Humidity:	55%			
Test Voltage:	DC 3.8V					
Test Mode:	TX 802.11ac(VHT40) Mode (U-NII-2C)					
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)		
142	5710	30.33	----	27.998		
		----	3.243	3.9743		

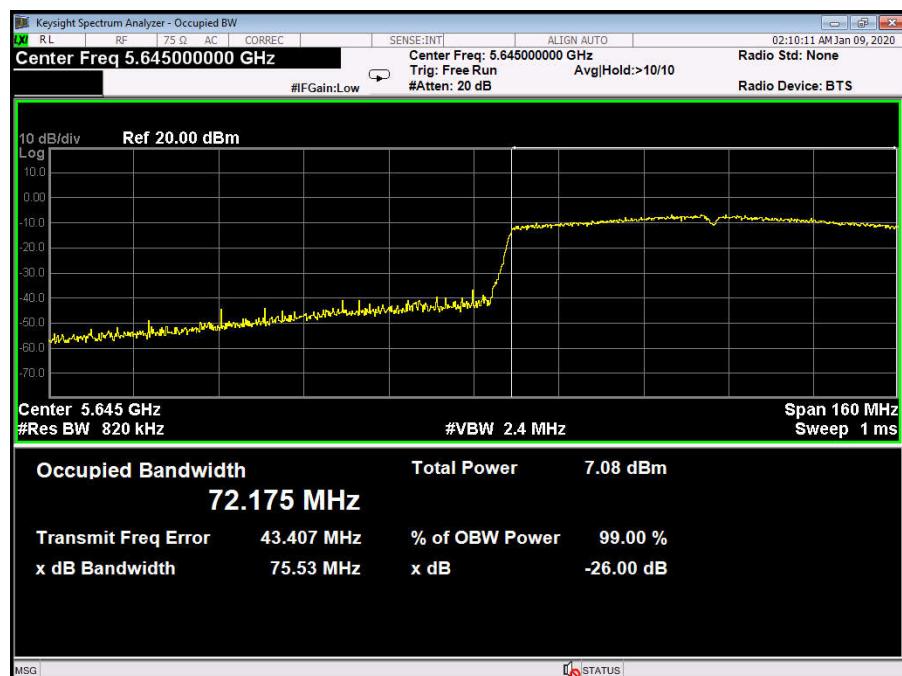
802.11ac(VHT40) Mode**5710 MHz Straddle 5.47-5.725GHz**

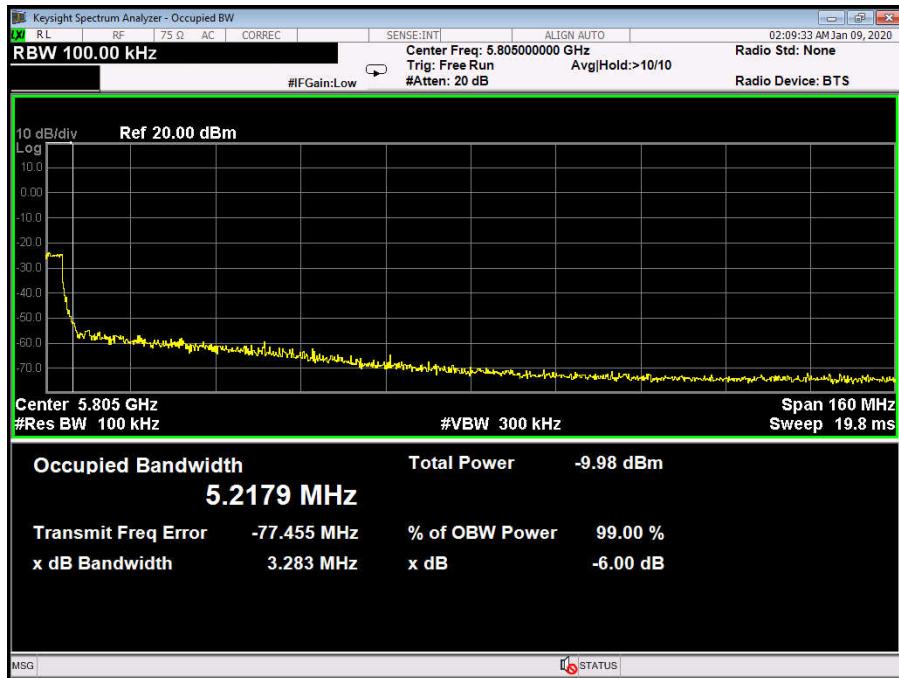
802.11ac(VHT40) Mode**5710 MHz Straddle 5.725-5.85GHz**

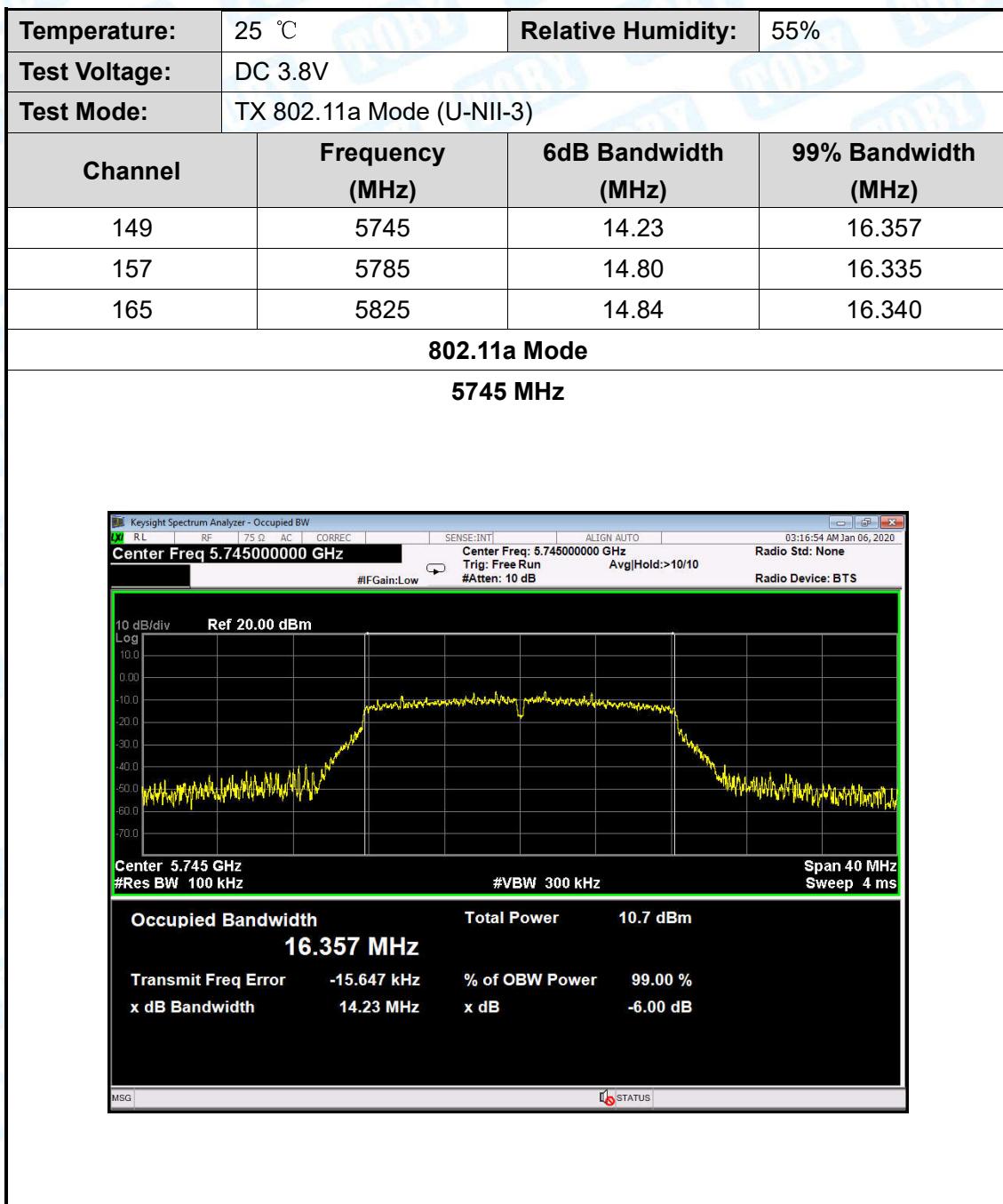


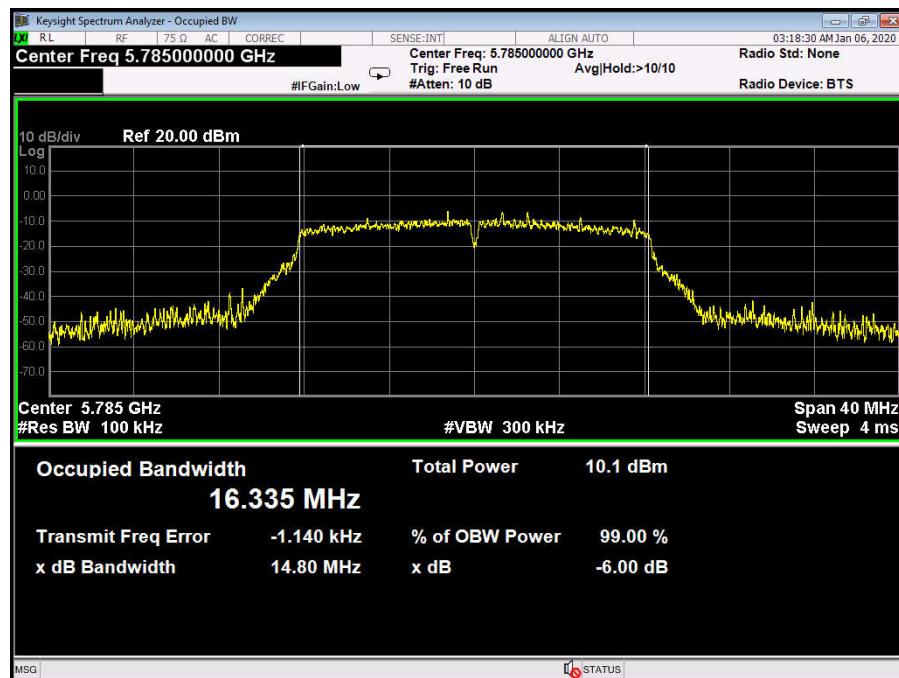
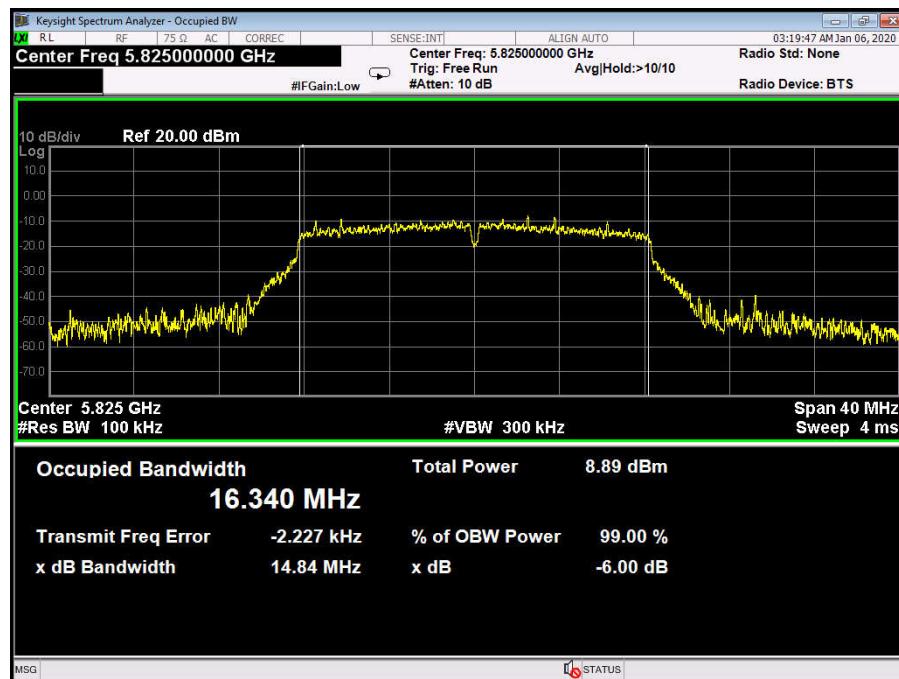
802.11ac(VHT80) Mode**5610 MHz****802.11ac(VHT80) Mode****5690 MHz**

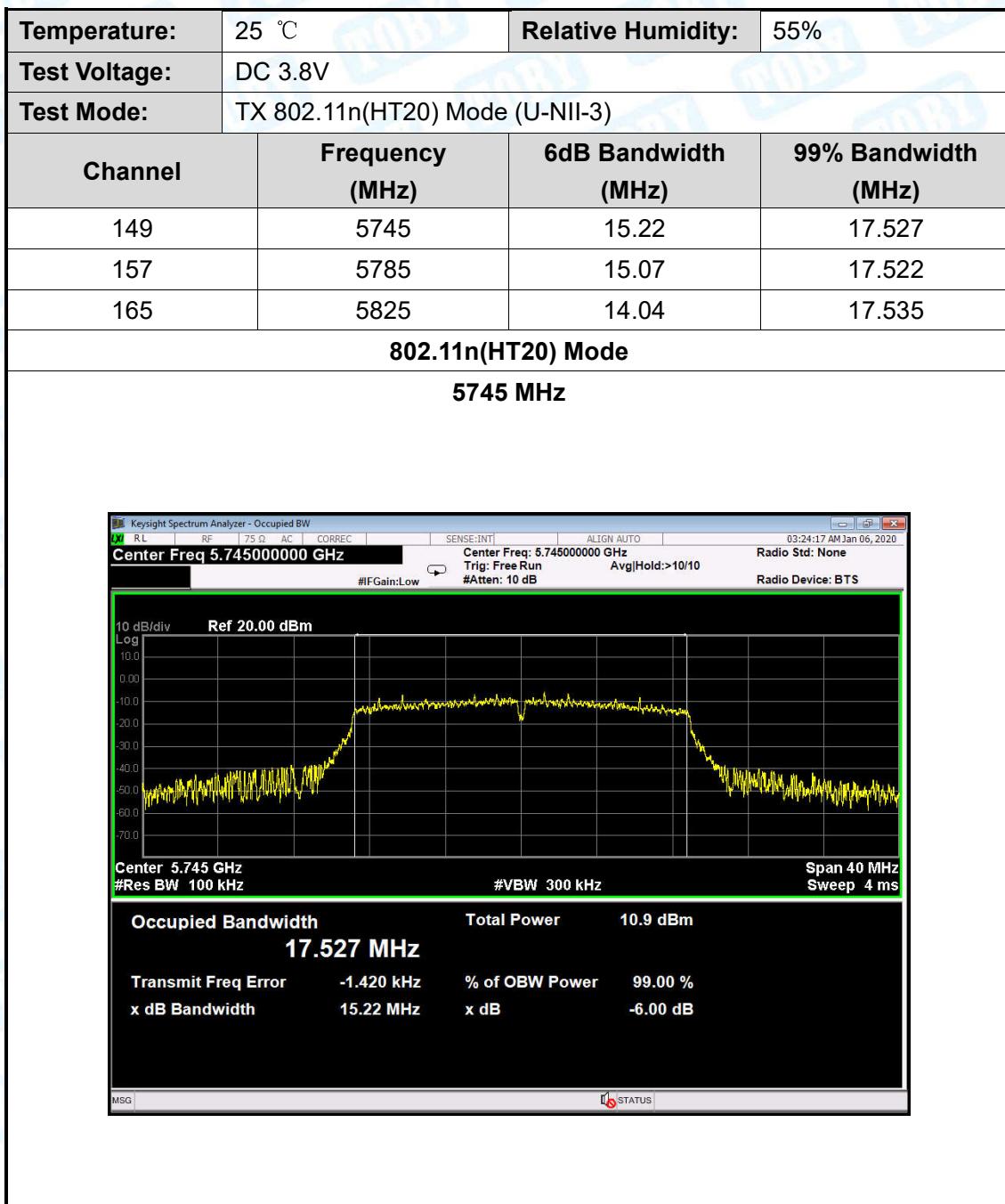
Temperature:	25 °C	Relative Humidity:	55%			
Test Voltage:	DC 3.8V					
Test Mode:	TX 802.11ac(HT80) Mode (U-NII-2C)					
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)		
142	5710	75.53	----	72.175		
		----	3.283	5.2179		

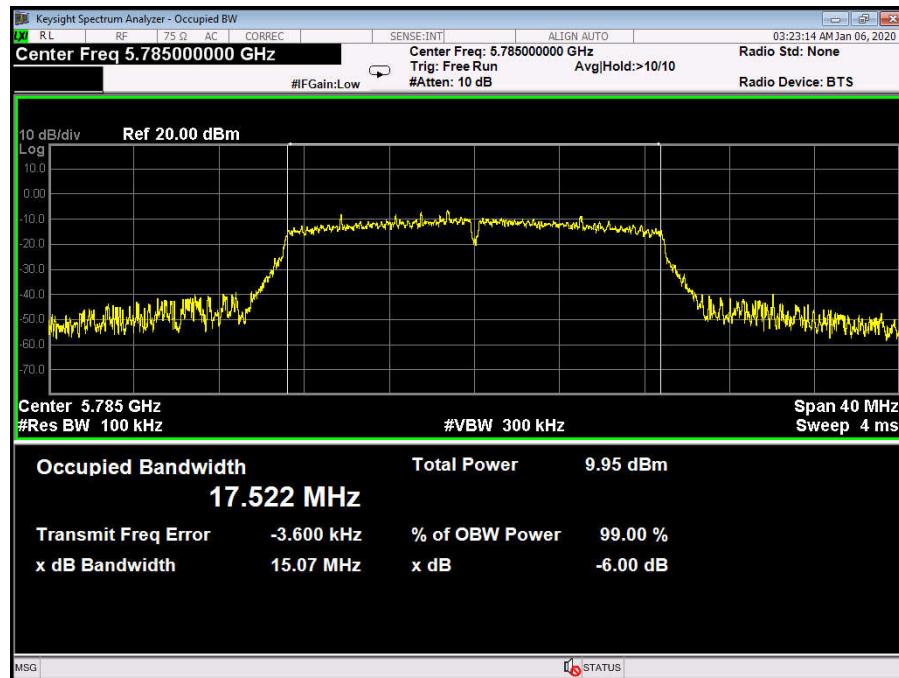
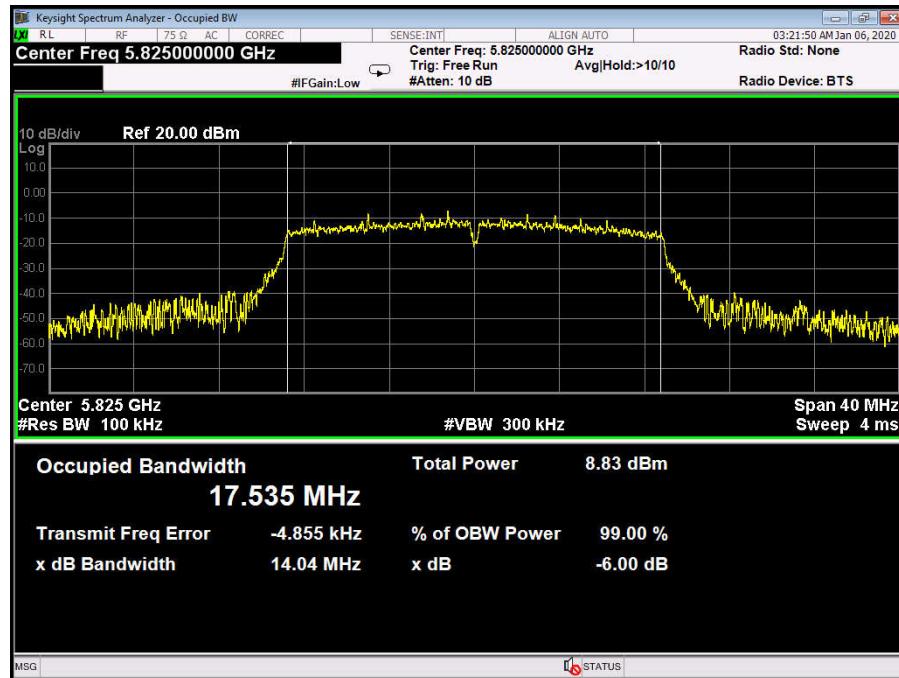
802.11ac(VHT80) Mode**5710 MHz Straddle 5.47-5.725GHz**

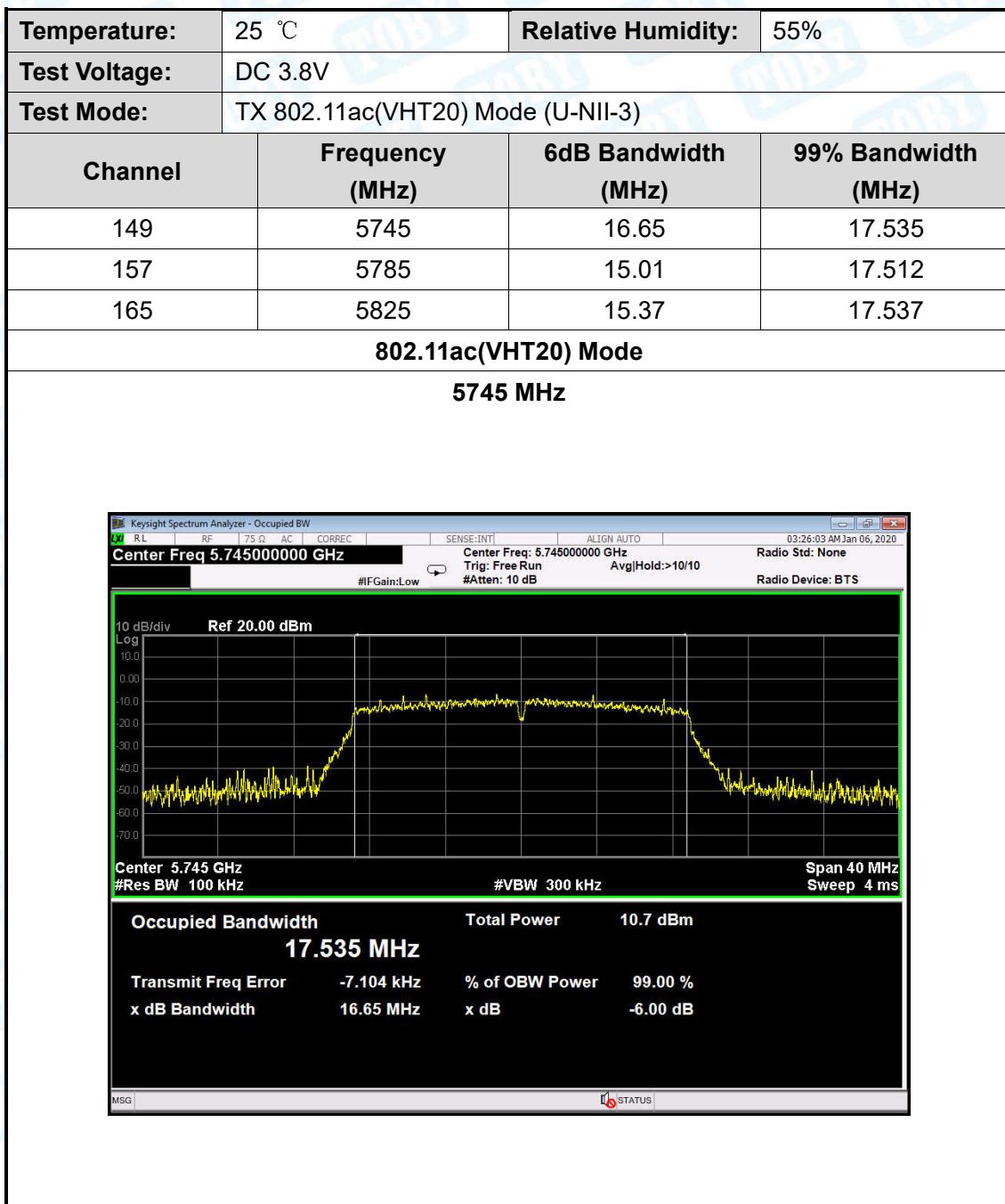
802.11ac(VHT80) Mode**5690 MHz Straddle 5.725-5.85GHz**

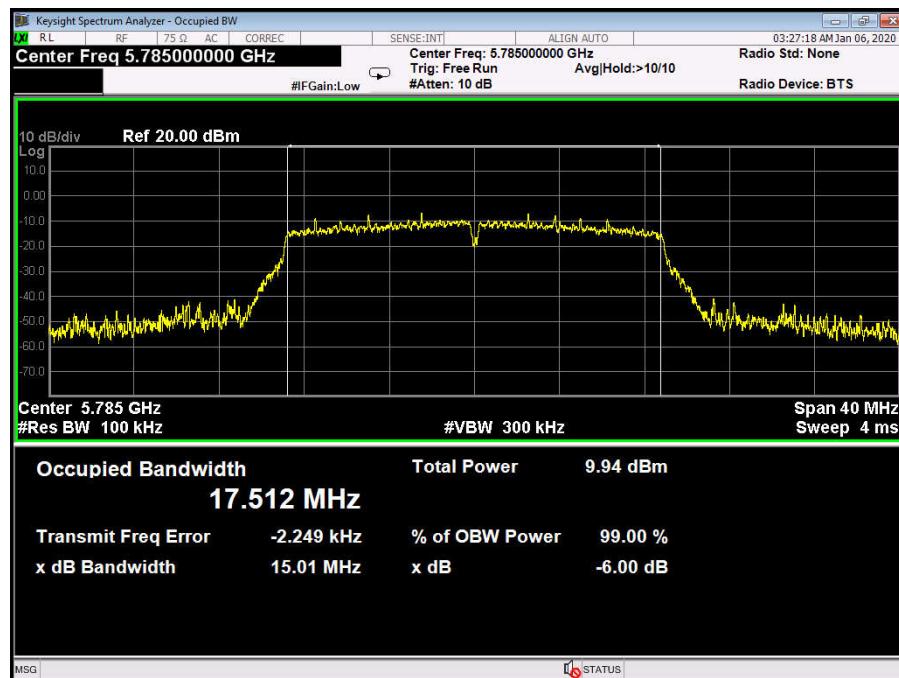
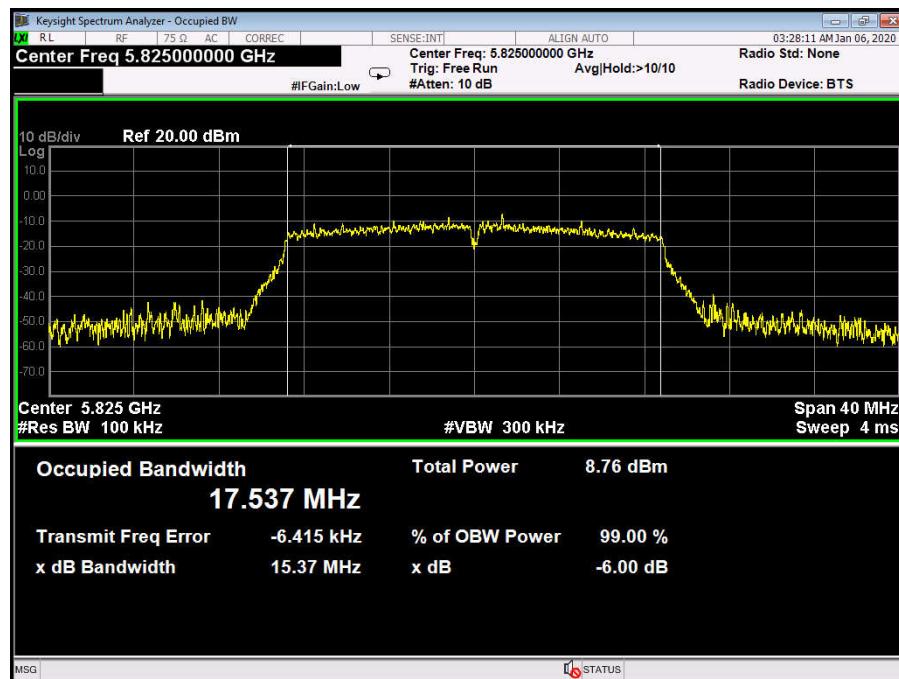


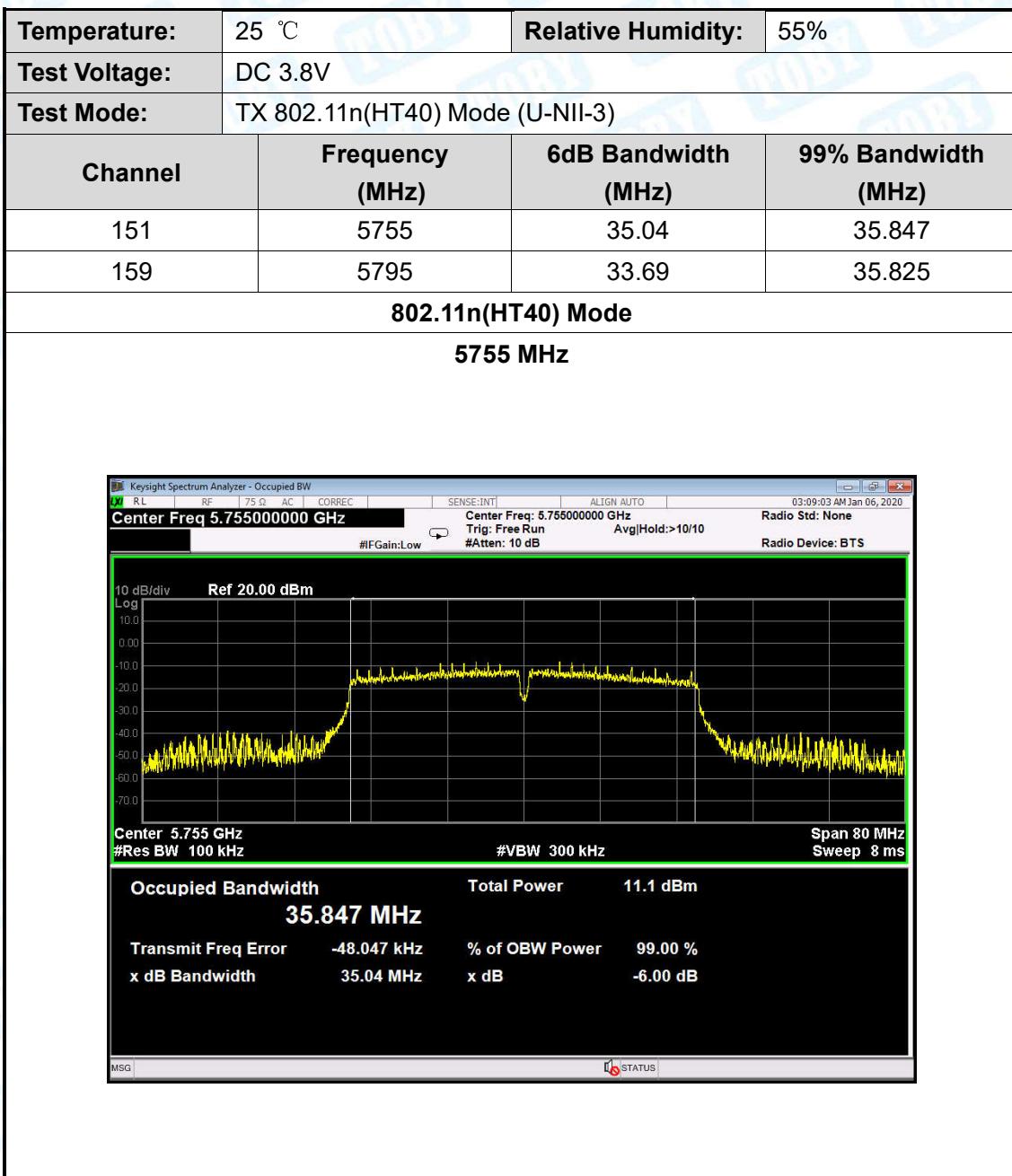
802.11a Mode**5785 MHz****802.11a Mode****5825 MHz**

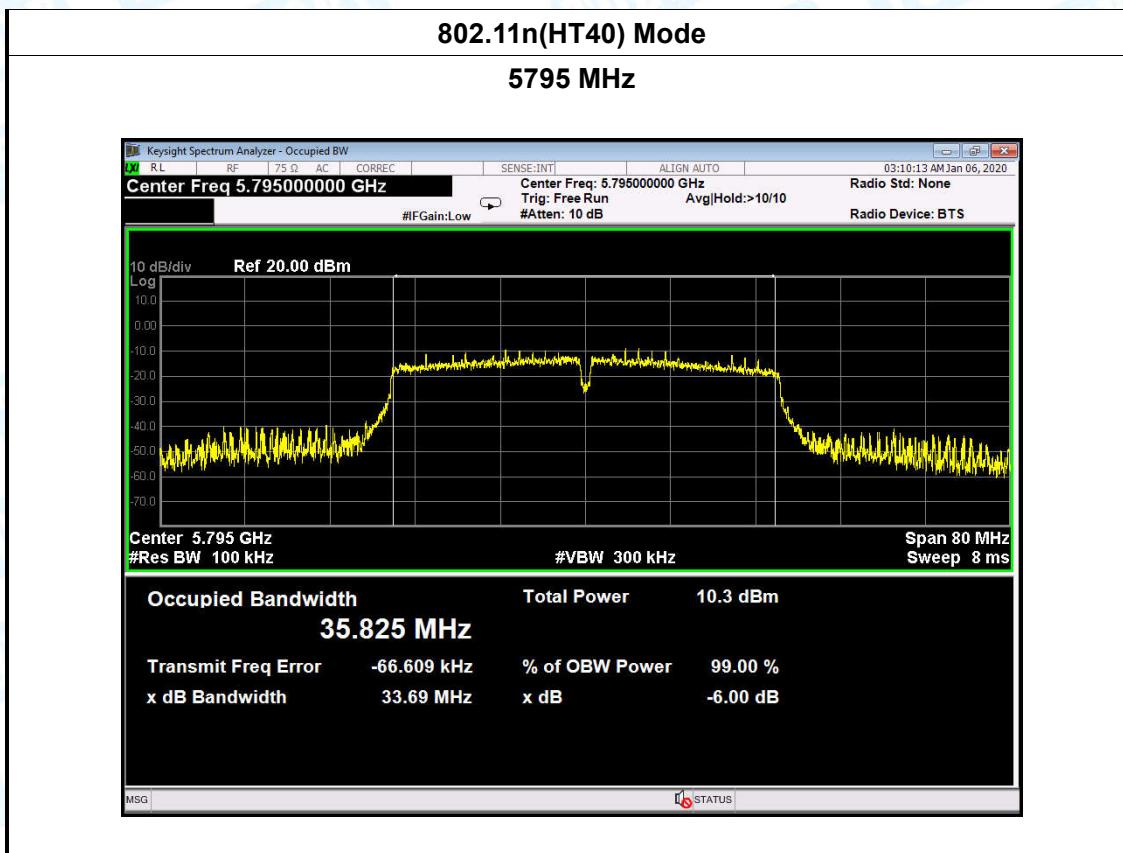


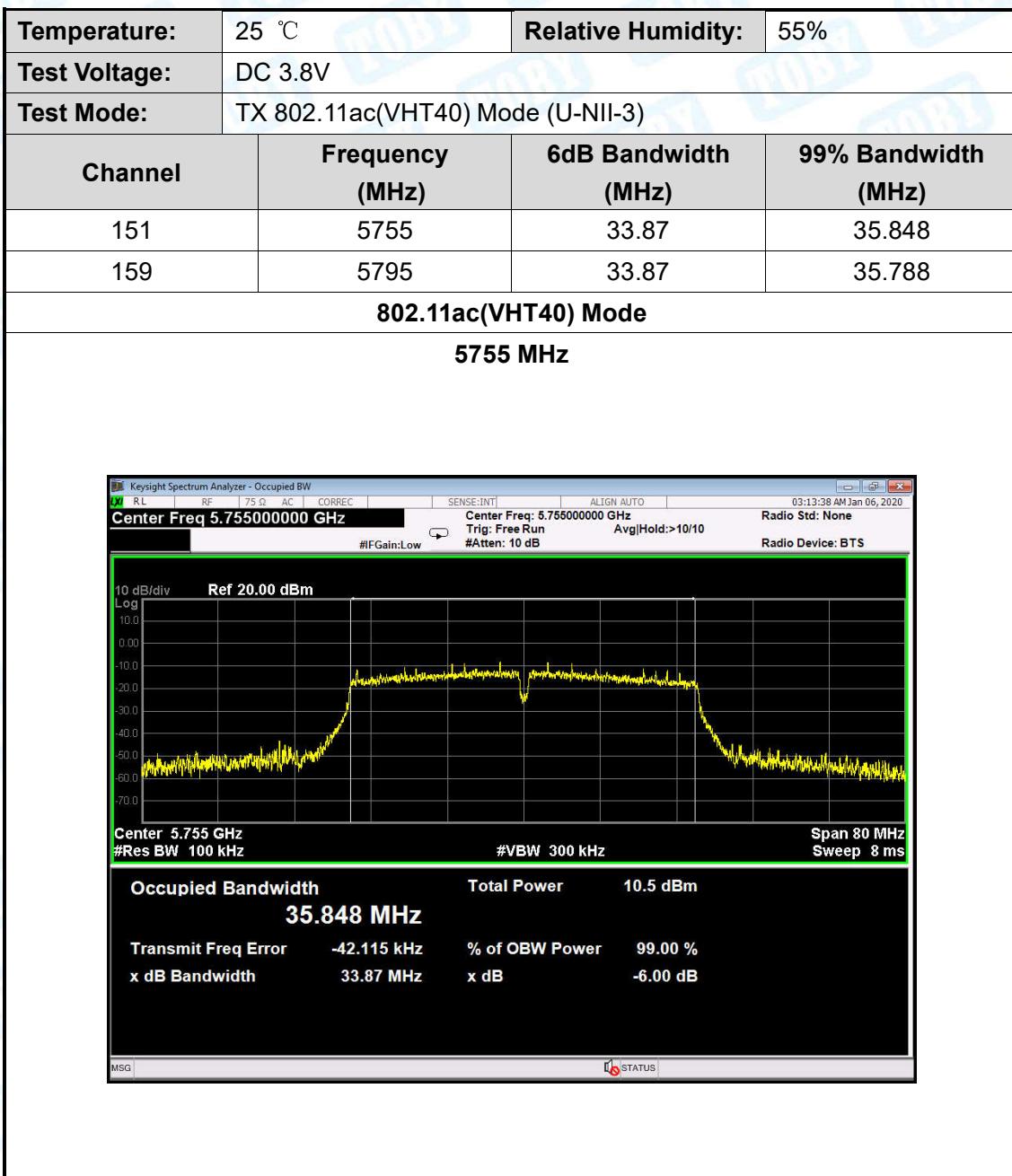
802.11n(HT20) Mode**5785 MHz****802.11n(HT20) Mode****5825 MHz**

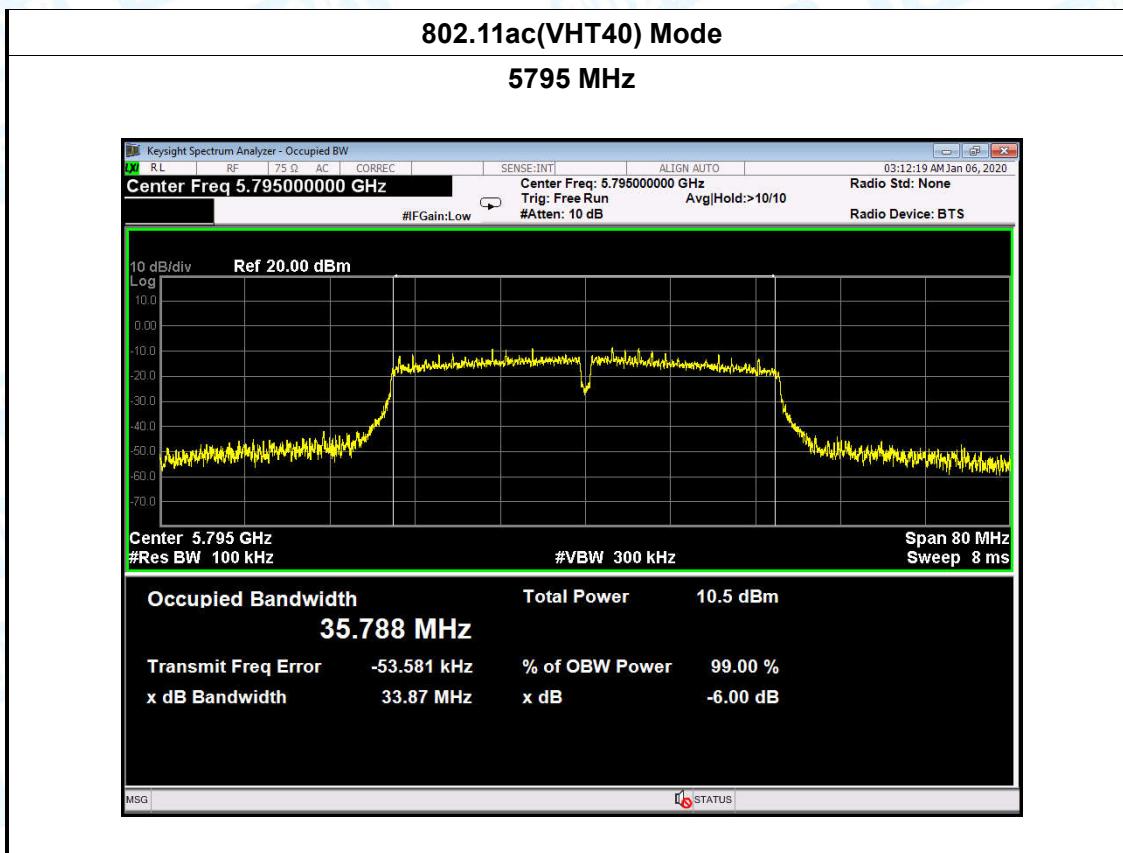


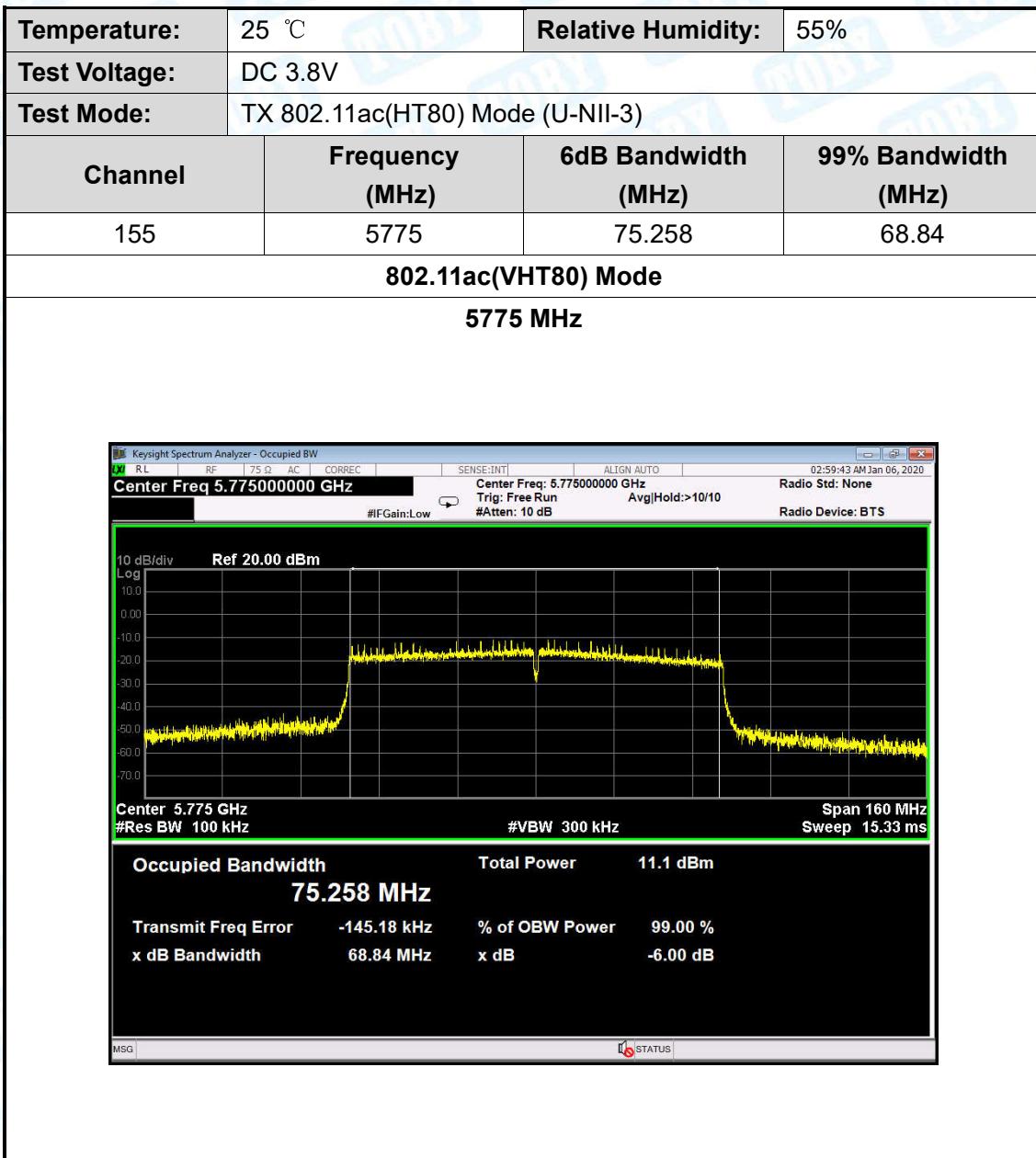
802.11ac(VHT20) Mode**5785 MHz****802.11ac(VHT20) Mode****5825 MHz**











Attachment E--AVG Output Power Test Data

Temperature:	25 °C	Relative Humidity:	55%			
Test Voltage:	DC 3.8V					
U-NII-1						
Test Mode	Frequency (MHz)	Test Data			Limit (dBm)	
		Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)		
802.11a	5180	13.57	0	13.57	24	
	5200	13.37	0	13.37		
	5240	13.62	0	13.62		
802.11n (HT20)	5180	13.28	0	13.28		
	5200	13.22	0	13.22		
	5240	13.54	0	13.54		
802.11ac (VHT20)	5180	13.05	0	13.05		
	5200	13.35	0	13.35		
	5240	13.55	0	13.55		
802.11n (HT40)	5190	13.18	0	13.18		
	5230	13.56	0	13.56		
802.11 ac(VHT40)	5190	13.04	0	13.04		
	5230	13.66	0	13.66		
802.11 ac(VHT80)	5210	12.34	0	12.34		
Result: PASS						
Remark: the Directional Gain=2.92dBi<6 dBi. So $P_{out} = P_{limit} = 24\text{dBm}$						

Temperature:	25 °C	Relative Humidity:	55%		
Test Voltage:	DC 3.8V				
U-NII-2A					
Test Mode	Frequency (MHz)	Test Data			Limit (dBm)
		Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	
802.11a	5260	13.30	0	13.30	24
	5280	13.46	0	13.46	
	5320	11.37	0	11.37	
802.11n (HT20)	5260	13.17	0	13.17	
	5280	12.74	0	12.74	
	5320	12.22	0	12.22	
802.11ac (VHT20)	5260	12.89	0	12.89	
	5280	11.41	0	11.41	
	5320	12.90	0	12.90	
802.11n (HT40)	5270	12.79	0	12.79	
	5310	12.27	0	12.27	
802.11 ac(VHT40)	5270	13.12	0	13.12	
	5310	12.50	0	12.50	
802.11 ac(VHT80)	5290	12.28	0	12.28	
Result: PASS					
Remark: the Directional Gain=2.92dBi<6 dBi. So $P_{out} = P_{limit} = 24\text{ dBm}$					

Temperature:	25 °C	Relative Humidity:	55%		
Test Voltage:	DC 3.8V				
U-NII-2C					
Test Mode	Frequency (MHz)	Test Data			Limit (dBm)
		Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	
802.11a	5500	13.02	0	13.02	30
	5600	10.79	0	10.79	
	5720	12.30	0	12.30	
802.11n (HT20)	5500	12.83	0	12.83	
	5600	10.49	0	10.49	
	5720	12.10	0	12.10	
802.11ac (VHT20)	5500	12.81	0	12.81	
	5600	10.48	0	10.48	
	5720	12.10	0	12.10	
802.11n (HT40)	5510	12.77	0	12.77	
	5590	10.60	0	10.60	
	5710	12.28	0	12.28	
802.11 ac(VHT40)	5510	12.75	0	12.75	
	5590	10.55	0	10.55	
	5710	11.96	0	11.96	
802.11 ac(VHT80)	5530	11.71	0	11.71	
	5610	10.32	0	10.32	
	5690	11.21	0	11.21	
Result: PASS					
Remark: the Directional Gain=2.92dBi<6 dBi. So $P_{out} = P_{limit} = 30\text{dBm}$					

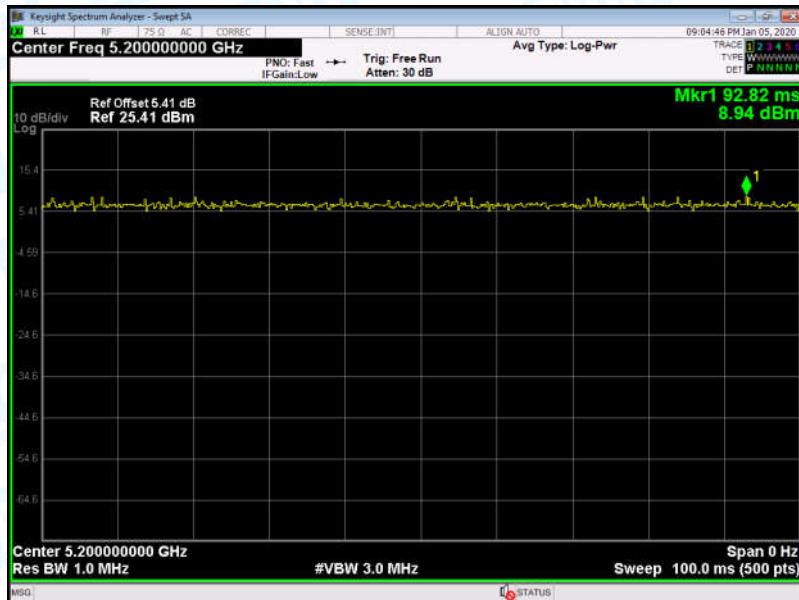
Temperature:	25 °C	Relative Humidity:	55%		
Test Voltage:	DC 3.8V				
U-NII-2C					
Test Mode	Frequency (MHz)	Test Data			Limit (dBm)
		Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	
802.11a 5720MHz Straddle 5.47-5.725GHz	10.56	0	10.56	24	
802.11a 5720MHz Straddle 5.725-5.85GHz	2.91	0	2.91	30	
802.11n(HT20) 5720MHz Straddle 5.47-5.725GHz	10.58	0	10.58	24	
802.11n(HT20) 5720MHz Straddle 5.725-5.85GHz	3.01	0	3.01	30	
802.11ac(VHT20) 5720MHz Straddle 5.47-5.725GHz	10.20	0	10.20	24	
802.11ac(VHT20) 5720MHz Straddle 5.725-5.85GHz	3.13	0	3.13	30	
802.11n(HT40) 5710MHz Straddle 5.47-5.725GHz	10.96	0	10.96	24	
802.11n(HT40) 5710MHz Straddle 5.725-5.85GHz	2.65	0	2.65	30	
802.11ac(VHT40) 5710MHz Straddle 5.47-5.725GHz	10.32	0	10.32	24	
802.11ac(VHT40) 5710MHz Straddle 5.725-5.85GHz	2.38	0	2.38	30	
802.11ac(VHT80) 5690MHz Straddle 5.47-5.725GHz	9.20	0	9.20	24	
802.11ac(VHT80) 5690MHz Straddle 5.725-5.85GHz	1.54	0	1.54	30	
Result: PASS					
Remark: the Directional Gain=2.92dBi<6 dBi. So $P_{out} = P_{limit}$					

Temperature:	25 °C	Relative Humidity:	55%		
Test Voltage:	DC 3.8V				
U-NII-3					
Test Mode	Frequency (MHz)	Test Data			Limit (dBm)
		Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	
802.11a	5745	12.70	0	12.70	24
	5785	12.45	0	12.45	
	5825	11.06	0	11.06	
802.11n (HT20)	5745	12.61	0	12.61	
	5785	12.32	0	12.32	
	5825	10.80	0	10.80	
802.11ac (VHT20)	5745	12.73	0	12.73	
	5785	12.05	0	12.05	
	5825	12.62	0	12.62	
802.11n (HT40)	5755	12.11	0	12.11	
	5795	10.96	0	10.96	
802.11 ac(VHT40)	5755	12.73	0	12.73	
	5795	12.09	0	12.09	
802.11 ac(VHT80)	5775	11.91	0	11.91	
Result: PASS					
Remark: the Directional Gain=2.92dBi<6 dBi. So $P_{out} = P_{limit} = 24\text{ dBm}$					

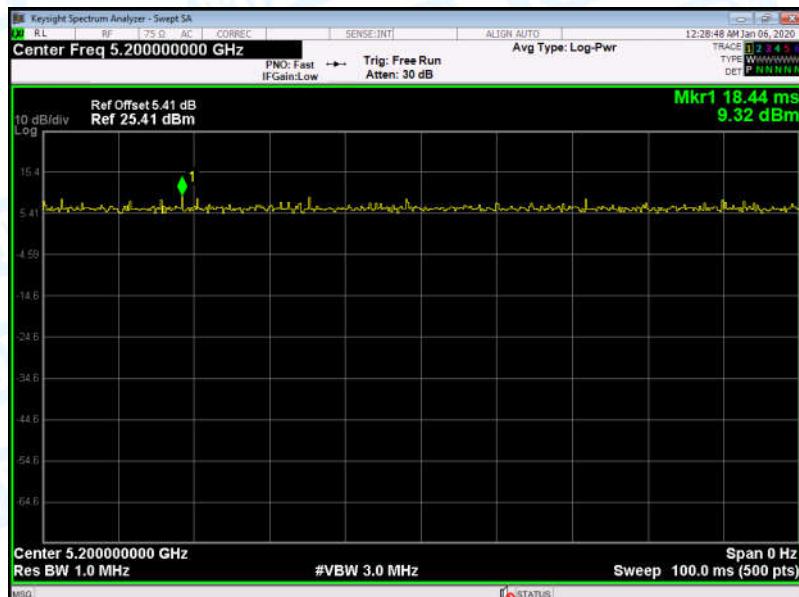
	Test Mode	Duty cycle
U-NII-1	802.11 a	>98%
	802.11 n(HT20)	
	802.11 ac(VHT20)	
	802.11 n(HT40)	
	802.11 ac(VHT40)	
	802.11 ac(VHT80)	
U-NII-2A	802.11 a	>98%
	802.11 n(HT20)	
	802.11 ac(VHT20)	
	802.11 n(HT40)	
	802.11 ac(VHT40)	
	802.11 ac(VHT80)	
U-NII-2C	802.11 a	>98%
	802.11 n(HT20)	
	802.11 ac(VHT20)	
	802.11 n(HT40)	
	802.11 ac(VHT40)	
	802.11 ac(VHT80)	
U-NII-3	802.11 a	>98%
	802.11 n(HT20)	
	802.11 ac(VHT20)	
	802.11 n(HT40)	
	802.11 ac(VHT40)	
	802.11 ac(VHT80)	

Please see the next plots.

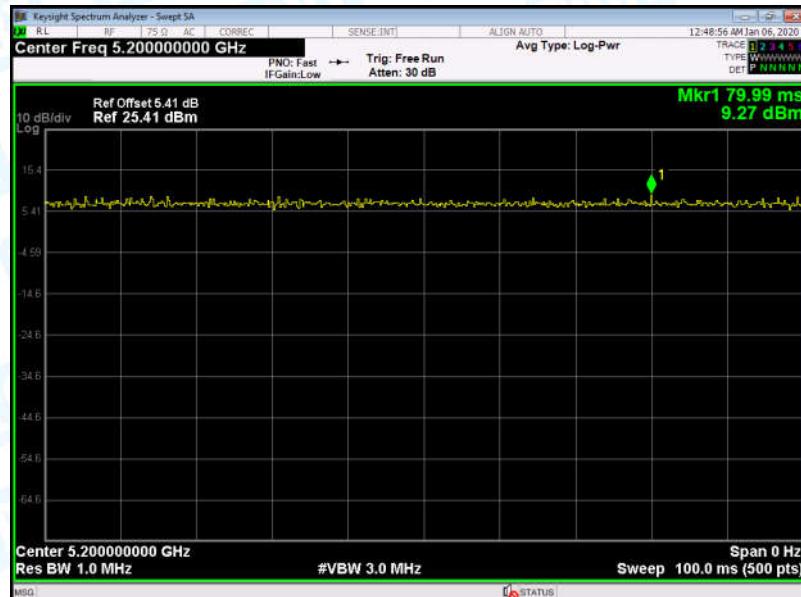
802.11 a 5200MHz U-NII-1



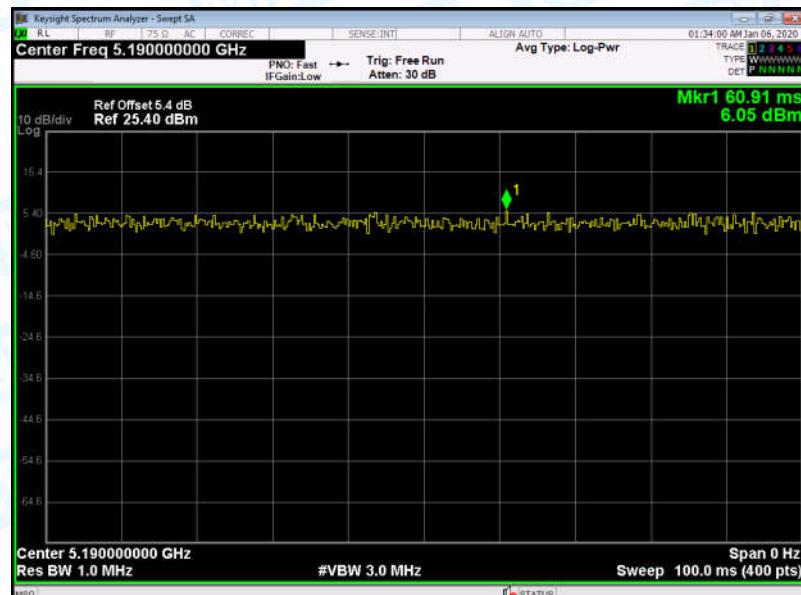
802.11 n(HT20) 5200MHz U-NII-1

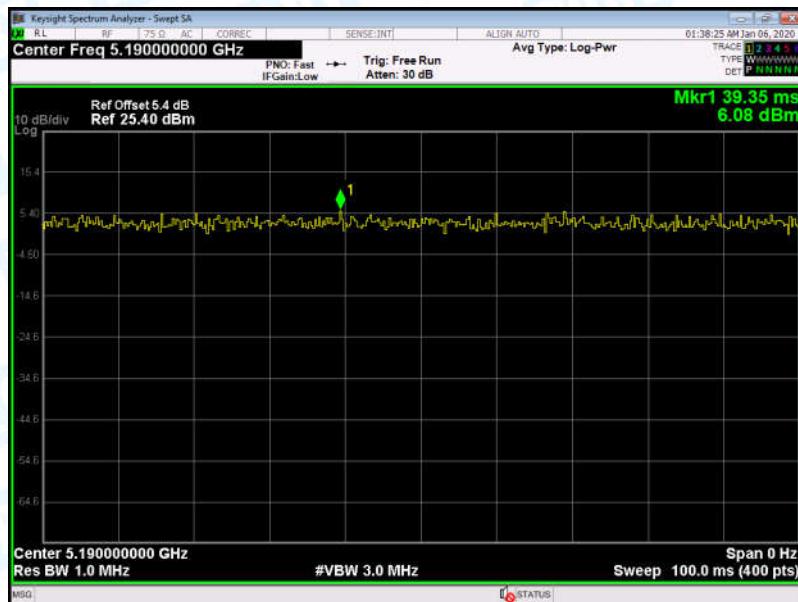
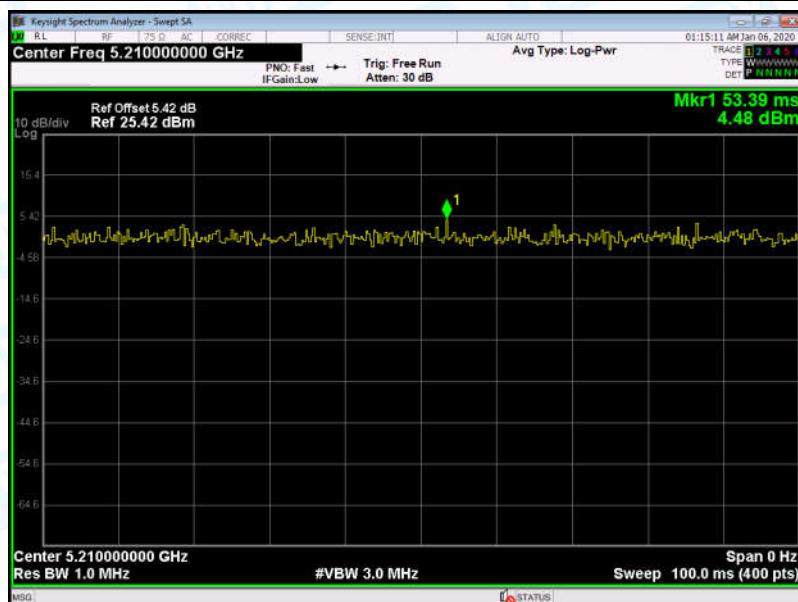


802.11 ac(HT20) 5200MHz U-NII-1

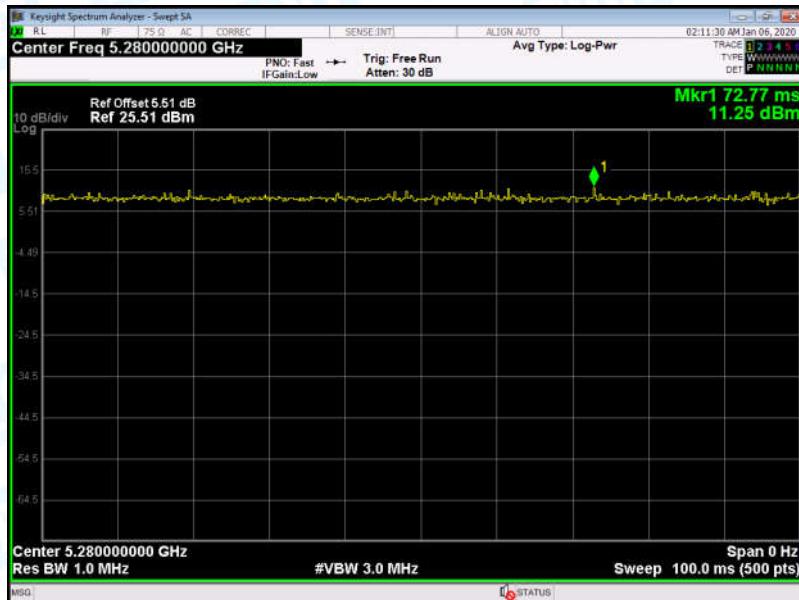


802.11 n(HT40) 5190MHz U-NII-1

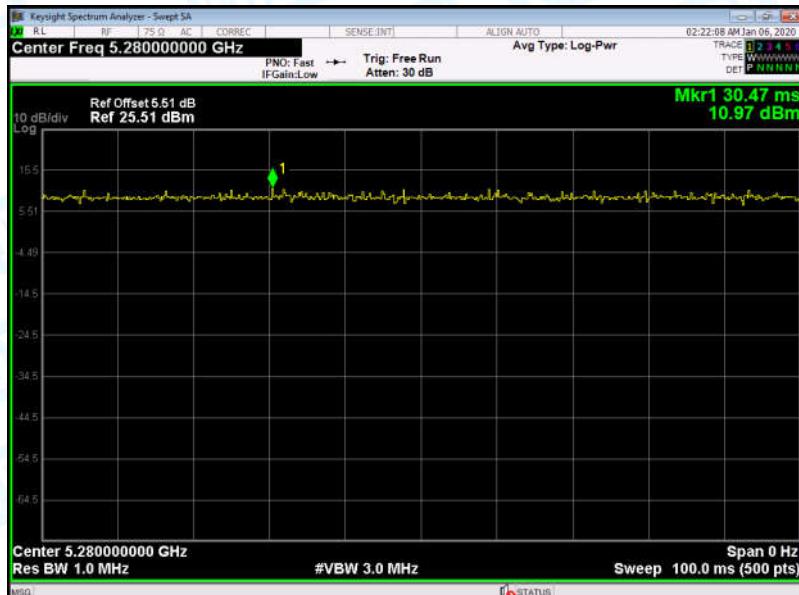


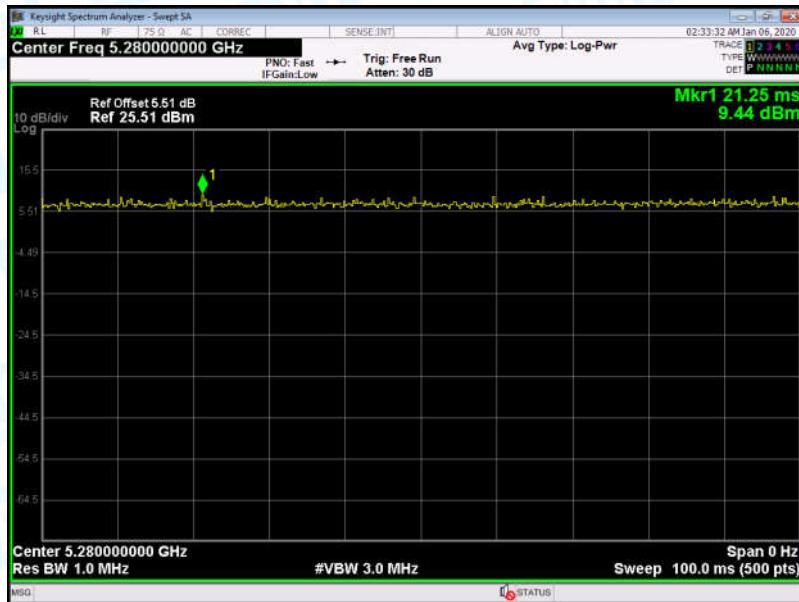
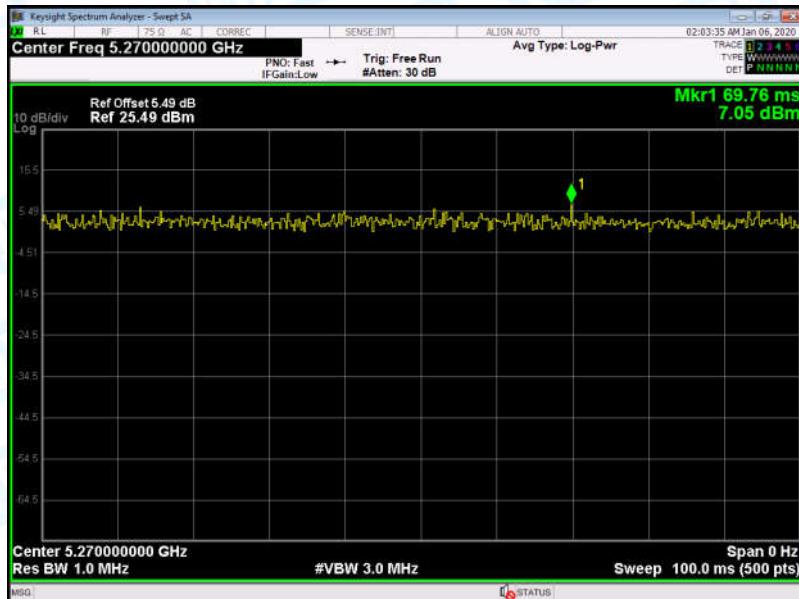
802.11 ac(VHT40) 5190MHz U-NII-1**802.11 ac(HT80) 5210MHz U-NII-1**

802.11 a 5280MHz U-NII-2A

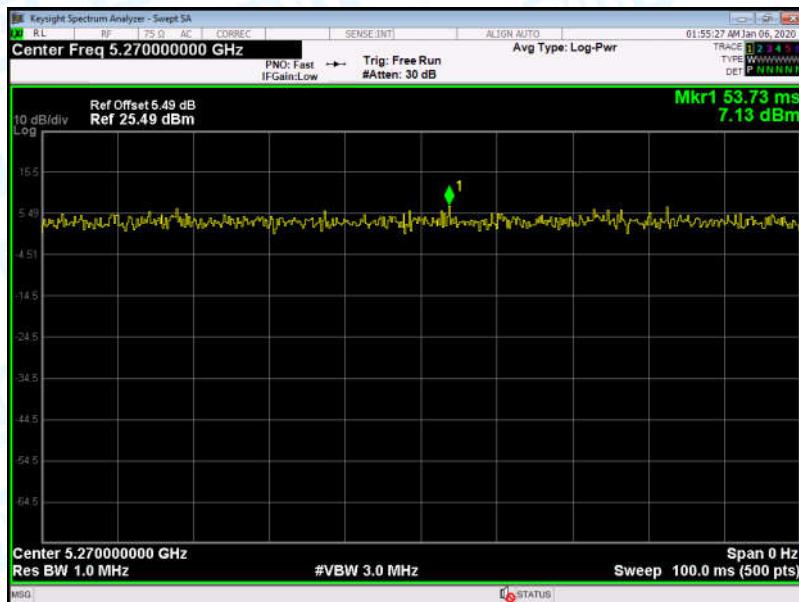


802.11 n(HT20) 5280MHz U-NII-2A



802.11 ac(VHT20) 5280MHz U-NII-2A**802.11 n(HT40) 5270MHz U-NII-2A**

802.11 ac(VHT40) 5270MHz U-NII-2A



802.11 ac(VHT80) 5290MHz U-NII-2A

