

6. 6dB&26dB Bandwidth Test

6.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	N9030A	MY51380221	Oct.18,15	1Year
2.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr. 28,15	1 Year
3.	RF Cable	Hubersuhner	SUCOFLEX102	28620/2	Apr. 28,15	1 Year

6.2. Limit

6dB Bandwidth should be not less than 500kHz

6.3. Test Procedure

6dB Bandwidth:

The transmitter output was connected to a spectrum analyzer, The bandwidth of the fundamental frequency was measured by spectrum analyzer with 100kHz RBW and 300 KHz VBW for signal width below 20MHz and 300KHz RBW ,1MHz VBW for Above 20MHz signal Bandwidth.

26dB Bandwidth:

The transmitter output was connected to a spectrum analyzer, The bandwidth of the fundamental frequency was measured by spectrum analyzer with 100kHz RBW and 300 KHz VBW The 26dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 26dB.

6.4. Test Results

5180-5240MHz Band:

6dB bandwidth

EUT: Tablet PC		
M/N: AT10-C		
Test date: 2015-11-26	Pressure: 101.8±1.0kpa	Humidity: 52.4±3.0%
Tested by: Alice_Yang	Test site: RF site	Temperature:23.8±0.6 °C

Test Mode	CH	6dB bandwidth (MHz)		Limit (KHz)
		ANT0	ANT1	
11a	CH36	16.36	16.38	≥ 500
	CH40	16.37	16.38	≥ 500
	CH48	16.39	16.38	≥ 500
11n HT20	CH36	17.60	17.65	≥ 500
	CH40	17.60	17.64	≥ 500
	CH48	17.57	17.61	≥ 500
11n HT40	CH38	36.33	36.40	≥ 500
	CH46	36.39	36.42	≥ 500
11ac VHT20	CH36	17.60	17.64	≥ 500
	CH40	17.60	17.64	≥ 500
	CH48	17.59	17.62	≥ 500
11ac VHT40	CH38	36.36	36.37	≥ 500
	CH46	36.32	36.39	≥ 500
11ac VHT80	CH42	75.93	76.34	≥ 500
Conclusion : PASS				

26dB bandwidth

EUT: Tablet PC		
M/N: AT10-C		
Test date: 2015-11-26	Pressure: 101.8±1.0kpa	Humidity: 52.4±3.0%
Tested by: Alice_Yang	Test site: RF site	Temperature: 23.8±0.6 °C

Test Mode	CH	26dB bandwidth (MHz)		Limit (KHz)
		ANT0	ANT1	
11a	CH36	20.77	20.74	N/A
	CH40	20.72	20.82	N/A
	CH48	20.71	20.73	N/A
11n HT20	CH36	21.04	21.42	N/A
	CH40	21.30	21.23	N/A
	CH48	21.32	21.33	N/A
11n HT40	CH38	39.03	38.93	N/A
	CH46	38.67	39.04	N/A
11ac VHT20	CH36	21.23	21.30	N/A
	CH40	21.27	21.29	N/A
	CH48	21.23	21.33	N/A
11ac VHT40	CH38	39.05	39.07	N/A
	CH46	39.02	38.93	N/A
11ac VHT80	CH42	79.60	80.11	N/A

Conclusion : PASS

**5260-5320MHz Band:
6dB bandwidth**

EUT: Tablet PC		
M/N: AT10-C		
Test date: 2015-11-26	Pressure: 101.8±1.0kpa	Humidity: 52.4±3.0%
Tested by: Alice_Yang	Test site: RF site	Temperature:23.8±0.6 °C

Test Mode	CH	6dB bandwidth (MHz)		Limit (KHz)
		ANT0	ANT1	
11a	CH52	16.36	16.38	≥ 500
	CH60	16.40	16.37	≥ 500
	CH64	16.40	16.39	≥ 500
11n HT20	CH52	17.58	17.64	≥ 500
	CH60	17.61	17.65	≥ 500
	CH64	17.59	17.65	≥ 500
11n HT40	CH54	36.38	36.40	≥ 500
	CH62	36.36	36.40	≥ 500
11ac VHT20	CH52	17.59	17.63	≥ 500
	CH60	17.60	17.63	≥ 500
	CH64	17.61	17.67	≥ 500
11ac VHT40	CH54	36.38	36.41	≥ 500
	CH62	36.39	36.41	≥ 500
11ac VHT80	CH58	75.87	76.14	≥ 500
Conclusion : PASS				

26dB bandwidth

EUT: Tablet PC		
M/N: AT10-C		
Test date: 2015-11-26	Pressure: 101.8±1.0kpa	Humidity: 52.4±3.0%
Tested by: Alice_Yang	Test site: RF site	Temperature:23.8±0.6 °C

Test Mode	CH	26dB bandwidth (MHz)		Limit (KHz)
		ANT0	ANT1	
11a	CH52	20.73	20.77	N/A
	CH60	20.76	20.77	N/A
	CH64	20.77	20.78	N/A
11n HT20	CH52	21.29	21.32	N/A
	CH60	21.12	21.32	N/A
	CH64	21.04	21.36	N/A
11n HT40	CH54	39.10	39.11	N/A
	CH62	38.99	39.14	N/A
11ac VHT20	CH52	21.24	21.29	N/A
	CH60	21.37	21.34	N/A
	CH64	21.24	21.37	N/A
11ac VHT40	CH54	39.20	39.07	N/A
	CH62	38.97	38.95	N/A
11ac VHT80	CH58	79.54	79.79	N/A

Conclusion : PASS

**5500-5700MHz Band:
6dB bandwidth**

EUT: Tablet PC		
M/N: AT10-C		
Test date: 2015-11-26	Pressure: 101.8±1.0kpa	Humidity: 52.4±3.0%
Tested by: Alice_Yang	Test site: RF site	Temperature:23.8±0.6 °C

Test Mode	CH	6dB bandwidth (MHz)		Limit (KHz)
		ANT0	ANT1	
11a	CH100	16.39	16.40	≥ 500
	CH120	16.39	16.43	≥ 500
	CH140	16.38	16.38	≥ 500
11n HT20	CH100	17.61	17.63	≥ 500
	CH120	17.63	17.64	≥ 500
	CH140	17.64	17.64	≥ 500
11n HT40	CH102	36.40	36.41	≥ 500
	CH118	36.37	36.38	≥ 500
	CH134	36.41	36.42	≥ 500
11ac VHT20	CH100	17.61	17.65	≥ 500
	CH120	17.63	17.65	≥ 500
	CH140	17.61	17.62	≥ 500
11ac VHT40	CH102	36.40	36.39	≥ 500
	CH118	36.35	36.37	≥ 500
	CH134	36.40	36.38	≥ 500
11ac VHT80	CH106	75.85	75.51	≥ 500

Conclusion : PASS

26dB bandwidth

EUT: Tablet PC		
M/N: AT10-C		
Test date: 2015-11-26	Pressure: 101.8±1.0kpa	Humidity: 52.4±3.0%
Tested by: Alice_Yang	Test site: RF site	Temperature:23.8±0.6 °C

Test Mode	CH	26dB bandwidth (MHz)		Limit (KHz)
		ANT0	ANT1	
11a	CH100	20.78	21.00	N/A
	CH120	20.74	21.04	N/A
	CH140	20.55	20.76	N/A
11n HT20	CH100	21.23	21.32	N/A
	CH120	21.24	21.34	N/A
	CH140	21.29	21.33	N/A
11n HT40	CH102	39.05	38.92	N/A
	CH118	38.99	39.12	N/A
	CH134	38.99	38.85	N/A
11ac VHT20	CH100	21.28	21.07	N/A
	CH120	21.22	21.20	N/A
	CH140	21.33	21.30	N/A
11ac VHT40	CH102	39.08	38.78	N/A
	CH118	39.03	38.91	N/A
	CH134	38.89	38.69	N/A
11ac VHT80	CH106	79.58	79.59	N/A
Conclusion : PASS				

**5745-5825MHz Band:
6dB bandwidth**

EUT: Tablet PC		
M/N: AT10-C		
Test date: 2015-11-26	Pressure: 101.8±1.0kpa	Humidity: 52.4±3.0%
Tested by: Alice_Yang	Test site: RF site	Temperature:23.8±0.6 °C

Test Mode	CH	6dB bandwidth (MHz)		Limit (KHz)
		ANT1	ANT2	
11a	CH149	16.38	16.37	≥ 500
	CH157	16.36	16.38	≥ 500
	CH165	16.38	16.37	≥ 500
11n HT20	CH149	17.61	17.64	≥ 500
	CH157	17.64	17.66	≥ 500
	CH165	17.63	17.65	≥ 500
11n HT40	CH151	36.39	36.40	≥ 500
	CH159	36.41	36.37	≥ 500
11ac VHT20	CH149	17.63	17.62	≥ 500
	CH157	17.62	17.61	≥ 500
	CH165	17.64	17.64	≥ 500
11ac VHT40	CH151	36.39	36.37	≥ 500
	CH159	36.41	36.40	≥ 500
11ac VHT80	CH155	75.84	75.87	≥ 500

Conclusion : PASS

26dB bandwidth

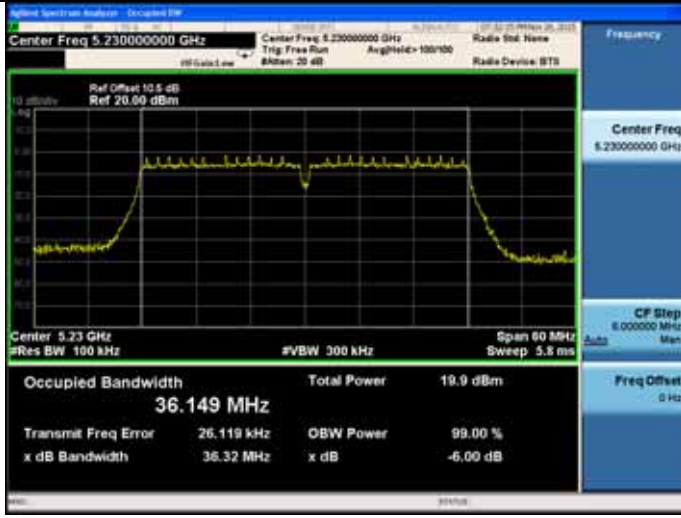
EUT: Tablet PC		
M/N: AT10-C		
Test date: 2015-11-26	Pressure: 101.8±1.0kpa	Humidity: 52.4±3.0%
Tested by: Alice_Yang	Test site: RF site	Temperature:23.8±0.6 °C

Test Mode	CH	26dB bandwidth (MHz)		Limit (KHz)
		ANT0	ANT1	
11a	CH149	20.72	20.77	N/A
	CH157	20.77	20.66	N/A
	CH165	20.77	20.73	N/A
11n HT20	CH149	21.29	21.33	N/A
	CH157	21.23	21.19	N/A
	CH165	21.59	21.20	N/A
11n HT40	CH151	38.97	38.93	N/A
	CH159	39.18	38.93	N/A
11ac VHT20	CH149	21.37	21.03	N/A
	CH157	21.34	21.33	N/A
	CH165	21.32	21.07	N/A
11ac VHT40	CH151	38.98	38.93	N/A
	CH159	39.01	38.63	N/A
11ac VHT80	CH155	79.51	79.29	N/A
Conclusion : PASS				

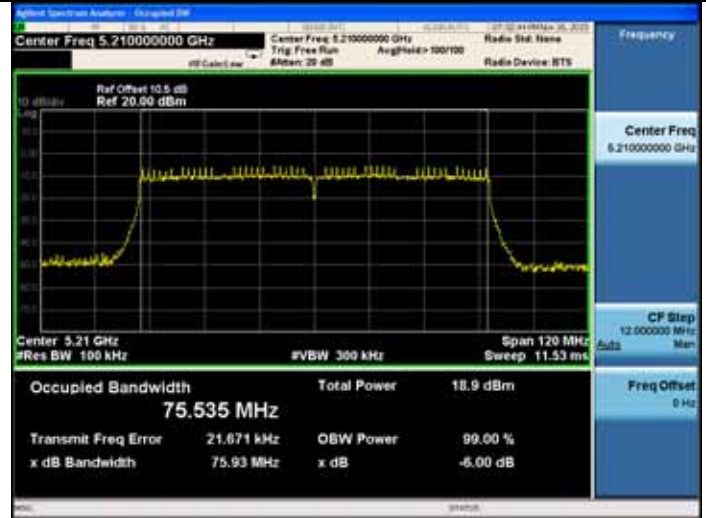
5180-5240MHz Band: 6dB bandwidth ANT 0	
11a 5180MHz	11n HT20 5180MHz
5200MHz	5200MHz
5240MHz	5240MHz

<p>11n HT40 5190MHz</p> <p>Center Freq 5.19000000 GHz</p> <p>Center Freq 5.19 GHz</p> <p>Occupied Bandwidth 36.170 MHz</p> <p>Total Power 19.7 dBm</p> <p>Transmit Freq Error 16.183 kHz</p> <p>OBW Power 99.00 %</p>	<p>5200MHz</p> <p>Center Freq 5.20000000 GHz</p> <p>Center Freq 5.2 GHz</p> <p>Occupied Bandwidth 17.740 MHz</p> <p>Total Power 18.5 dBm</p> <p>Transmit Freq Error 15.723 kHz</p> <p>OBW Power 99.00 %</p>
<p>5230MHz</p> <p>Center Freq 5.23000000 GHz</p> <p>Center Freq 5.23 GHz</p> <p>Occupied Bandwidth 36.168 MHz</p> <p>Total Power 20.5 dBm</p> <p>Transmit Freq Error 25.527 kHz</p> <p>OBW Power 99.00 %</p>	<p>5240MHz</p> <p>Center Freq 5.24000000 GHz</p> <p>Center Freq 5.24 GHz</p> <p>Occupied Bandwidth 17.728 MHz</p> <p>Total Power 19.2 dBm</p> <p>Transmit Freq Error 18.078 kHz</p> <p>OBW Power 99.00 %</p>
<p>11ac VHT20 5180MHz</p> <p>Center Freq 5.18000000 GHz</p> <p>Center Freq 5.18 GHz</p> <p>Occupied Bandwidth 17.748 MHz</p> <p>Total Power 19.3 dBm</p> <p>Transmit Freq Error 9.318 kHz</p> <p>OBW Power 99.00 %</p>	<p>11ac VHT40 5190MHz</p> <p>Center Freq 5.19000000 GHz</p> <p>Center Freq 5.19 GHz</p> <p>Occupied Bandwidth 36.181 MHz</p> <p>Total Power 19.7 dBm</p> <p>Transmit Freq Error 18.121 kHz</p> <p>OBW Power 99.00 %</p>

5230MHz



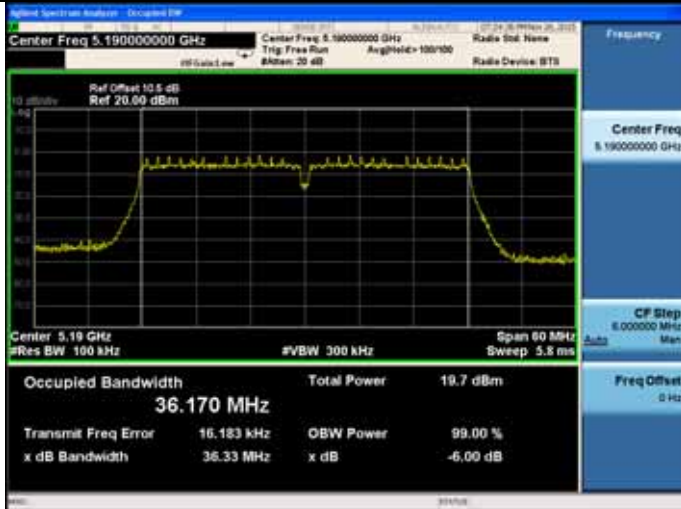
11ac VHT80
5210MHz



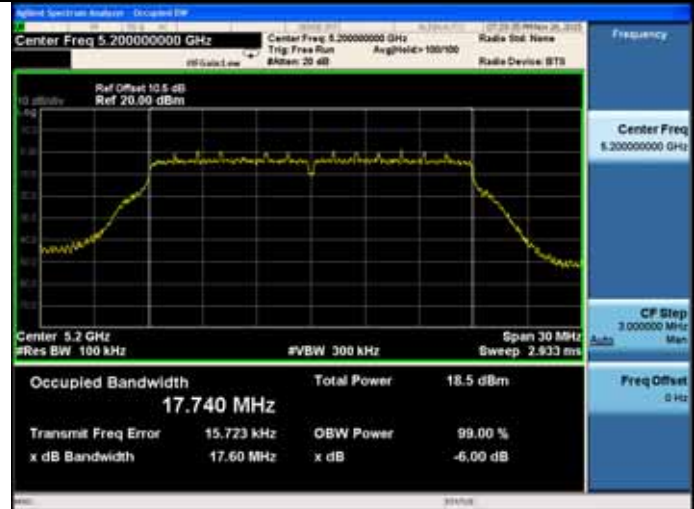
<p>5180-5240MHz Band:</p> <p>6dB bandwidth</p> <p>ANT 1</p>																									
<p>11a</p> <p>5180MHz</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>16.566 MHz</td> <td>Total Power</td> <td>18.4 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>1.940 kHz</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>16.38 MHz</td> <td>x dB</td> <td>-6.00 dB</td> </tr> </table>	Occupied Bandwidth	16.566 MHz	Total Power	18.4 dBm	Transmit Freq Error	1.940 kHz	OBW Power	99.00 %	x dB Bandwidth	16.38 MHz	x dB	-6.00 dB	<p>11n HT20</p> <p>5180MHz</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>17.729 MHz</td> <td>Total Power</td> <td>18.9 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>17.158 kHz</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>17.60 MHz</td> <td>x dB</td> <td>-6.00 dB</td> </tr> </table>	Occupied Bandwidth	17.729 MHz	Total Power	18.9 dBm	Transmit Freq Error	17.158 kHz	OBW Power	99.00 %	x dB Bandwidth	17.60 MHz	x dB	-6.00 dB
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<p>5200MHz</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>16.550 MHz</td> <td>Total Power</td> <td>18.2 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>11.815 kHz</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>16.38 MHz</td> <td>x dB</td> <td>-6.00 dB</td> </tr> </table>	Occupied Bandwidth	16.550 MHz	Total Power	18.2 dBm	Transmit Freq Error	11.815 kHz	OBW Power	99.00 %	x dB Bandwidth	16.38 MHz	x dB	-6.00 dB	<p>5200MHz</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>17.733 MHz</td> <td>Total Power</td> <td>18.8 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>14.563 kHz</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>17.60 MHz</td> <td>x dB</td> <td>-6.00 dB</td> </tr> </table>	Occupied Bandwidth	17.733 MHz	Total Power	18.8 dBm	Transmit Freq Error	14.563 kHz	OBW Power	99.00 %	x dB Bandwidth	17.60 MHz	x dB	-6.00 dB
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<p>5240MHz</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>16.553 MHz</td> <td>Total Power</td> <td>18.4 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>13.248 kHz</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>16.38 MHz</td> <td>x dB</td> <td>-6.00 dB</td> </tr> </table>	Occupied Bandwidth	16.553 MHz	Total Power	18.4 dBm	Transmit Freq Error	13.248 kHz	OBW Power	99.00 %	x dB Bandwidth	16.38 MHz	x dB	-6.00 dB	<p>5240MHz</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>17.742 MHz</td> <td>Total Power</td> <td>19.1 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>13.344 kHz</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>17.57 MHz</td> <td>x dB</td> <td>-6.00 dB</td> </tr> </table>	Occupied Bandwidth	17.742 MHz	Total Power	19.1 dBm	Transmit Freq Error	13.344 kHz	OBW Power	99.00 %	x dB Bandwidth	17.57 MHz	x dB	-6.00 dB
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Transmit Freq Error	13.344 kHz	OBW Power	99.00 %																						
x dB Bandwidth	17.57 MHz	x dB	-6.00 dB																						

11n HT40

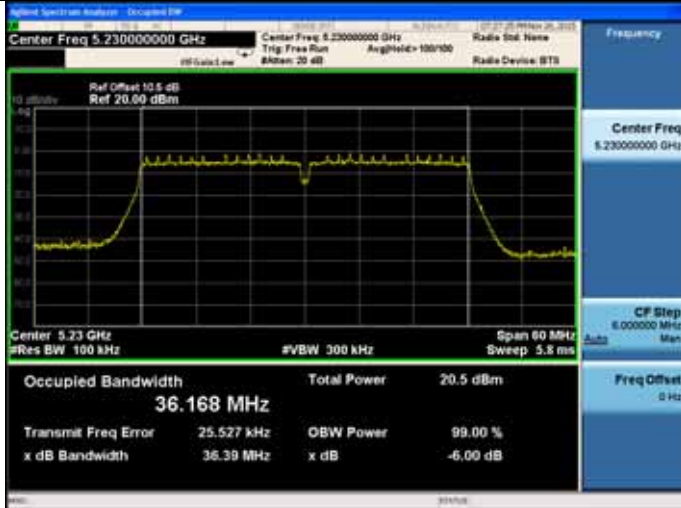
5190MHz



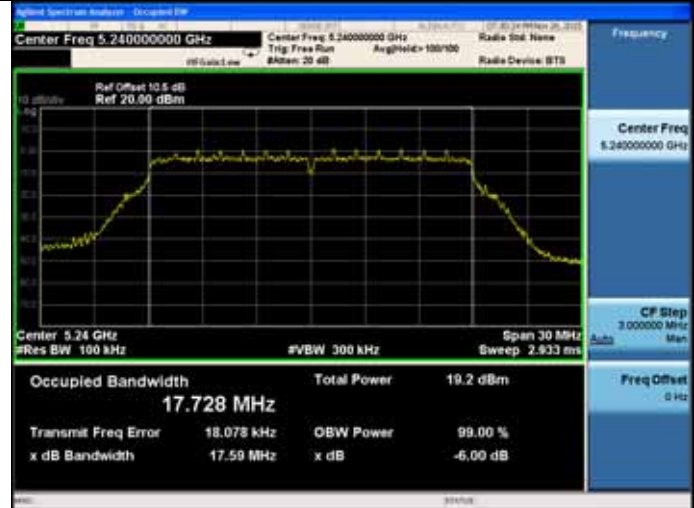
5200MHz



5230MHz

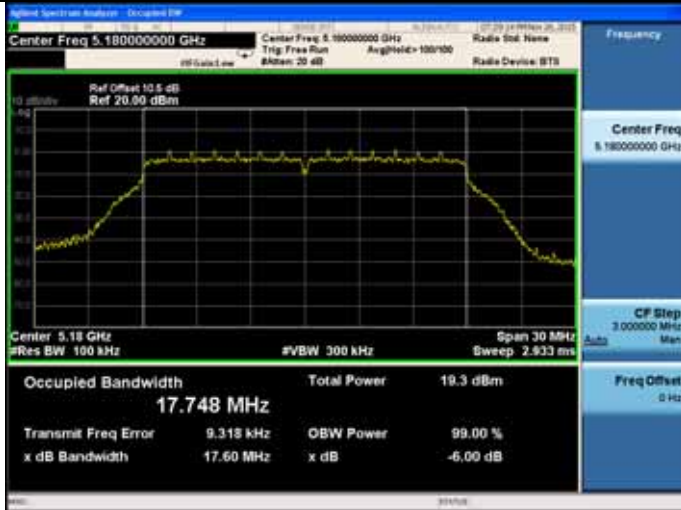


5240MHz



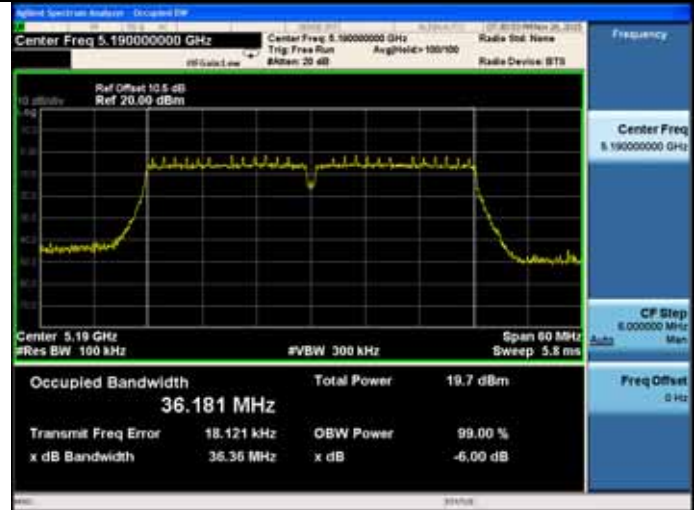
11ac VHT20

5180MHz

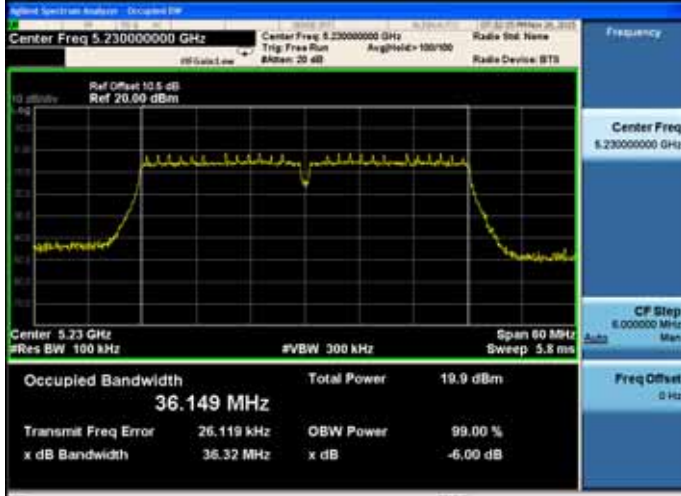


11ac VHT40

5190MHz

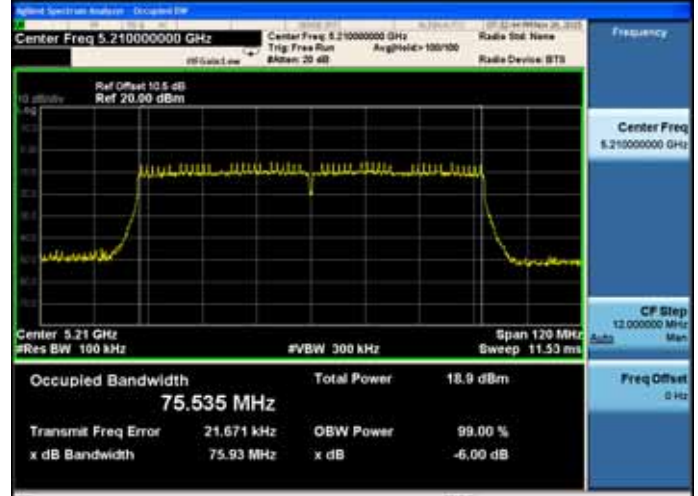


5230MHz



11ac VHT80

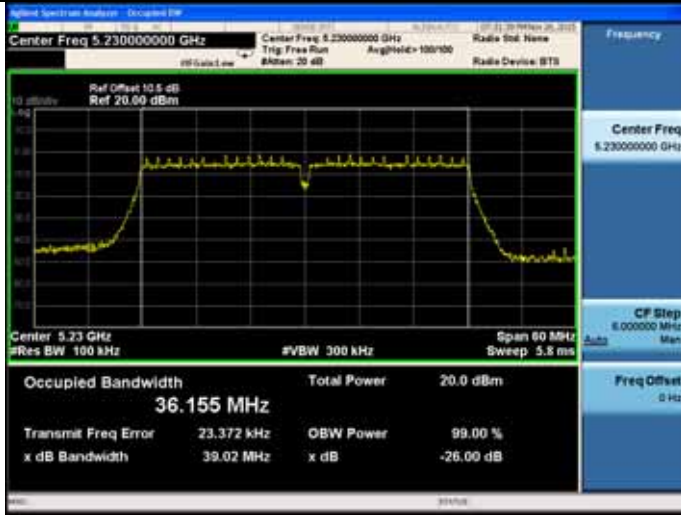
5210MHz



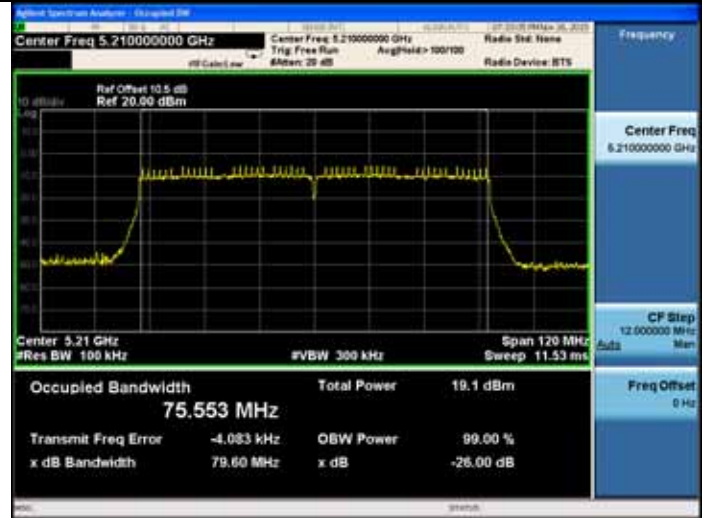
5180-5240MHz Band: 26dB bandwidth ANT 0	
11a 5180MHz	11n HT20 5180MHz
5200MHz	5200MHz
5240MHz	5240MHz

<p>11n HT40 5190MHz</p> <p>Center Freq 5.190000000 GHz</p> <p>Center Freq 5.19 GHz</p> <p>Occupied Bandwidth 36.162 MHz</p> <p>Total Power 19.9 dBm</p> <p>Transmit Freq Error 4.139 kHz</p> <p>OBW Power 99.00 %</p>	<p>5200MHz</p> <p>Center Freq 5.200000000 GHz</p> <p>Center Freq 5.2 GHz</p> <p>Occupied Bandwidth 17.742 MHz</p> <p>Total Power 19.0 dBm</p> <p>Transmit Freq Error 12.167 kHz</p> <p>OBW Power 99.00 %</p>
<p>5230MHz</p> <p>Center Freq 5.230000000 GHz</p> <p>Center Freq 5.23 GHz</p> <p>Occupied Bandwidth 36.162 MHz</p> <p>Total Power 19.9 dBm</p> <p>Transmit Freq Error 27.119 kHz</p> <p>OBW Power 99.00 %</p>	<p>5240MHz</p> <p>Center Freq 5.240000000 GHz</p> <p>Center Freq 5.24 GHz</p> <p>Occupied Bandwidth 17.725 MHz</p> <p>Total Power 18.7 dBm</p> <p>Transmit Freq Error 8.929 kHz</p> <p>OBW Power 99.00 %</p>
<p>11ac VHT20 5180MHz</p> <p>Center Freq 5.180000000 GHz</p> <p>Center Freq 5.18 GHz</p> <p>Occupied Bandwidth 17.752 MHz</p> <p>Total Power 18.8 dBm</p> <p>Transmit Freq Error 11.313 kHz</p> <p>OBW Power 99.00 %</p>	<p>11ac VHT40 5190MHz</p> <p>Center Freq 5.190000000 GHz</p> <p>Center Freq 5.19 GHz</p> <p>Occupied Bandwidth 36.177 MHz</p> <p>Total Power 20.0 dBm</p> <p>Transmit Freq Error 19.061 kHz</p> <p>OBW Power 99.00 %</p>

5230MHz



11ac VHT80
5210MHz



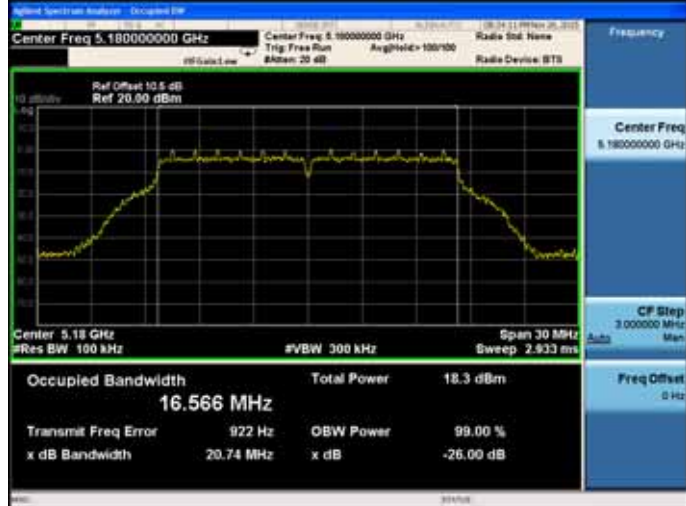
5180-5240MHz Band:

26dB bandwidth

ANT 1

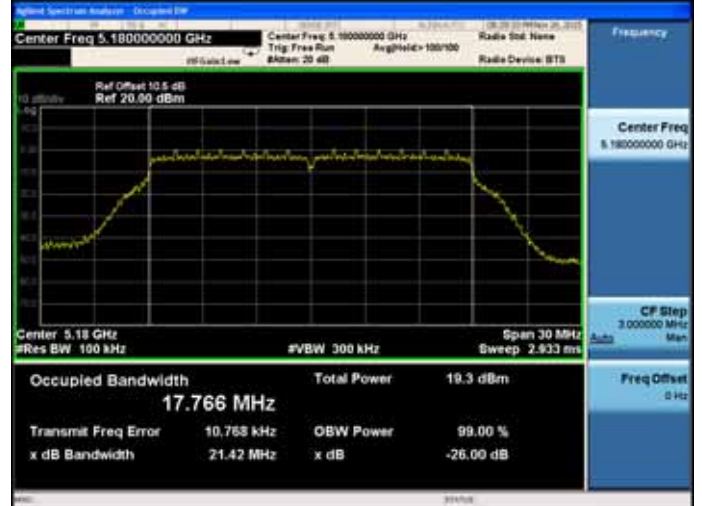
11a

5180MHz

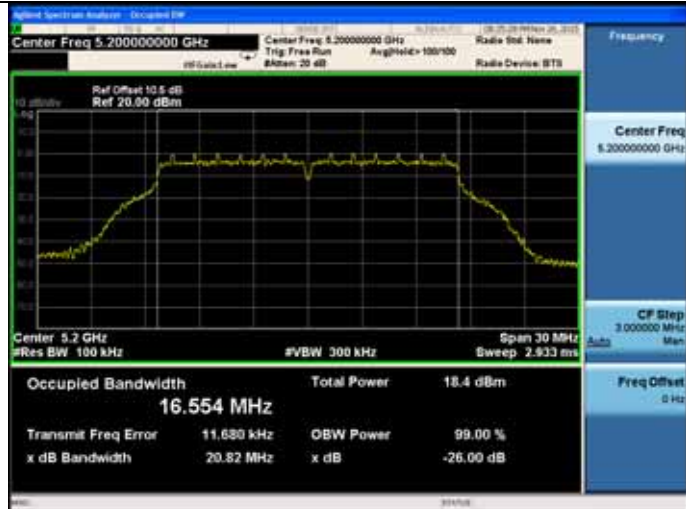


11n HT20

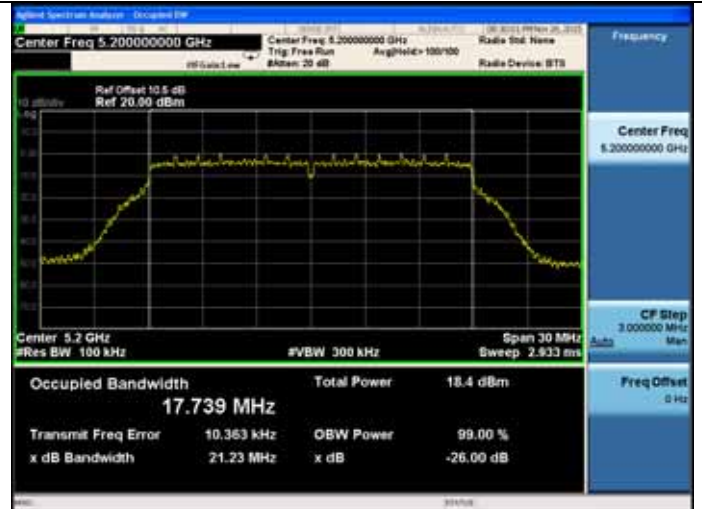
5180MHz



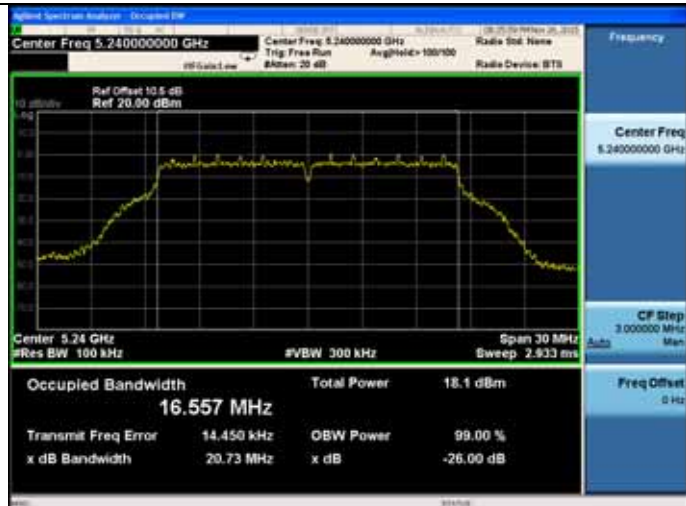
5200MHz



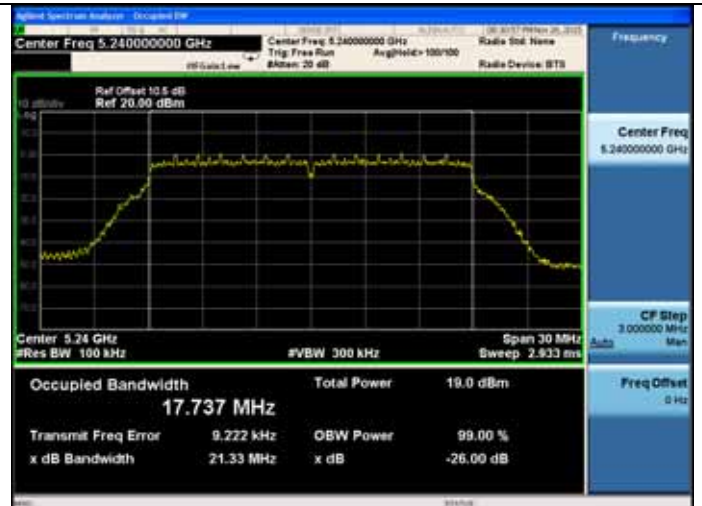
5200MHz



5240MHz

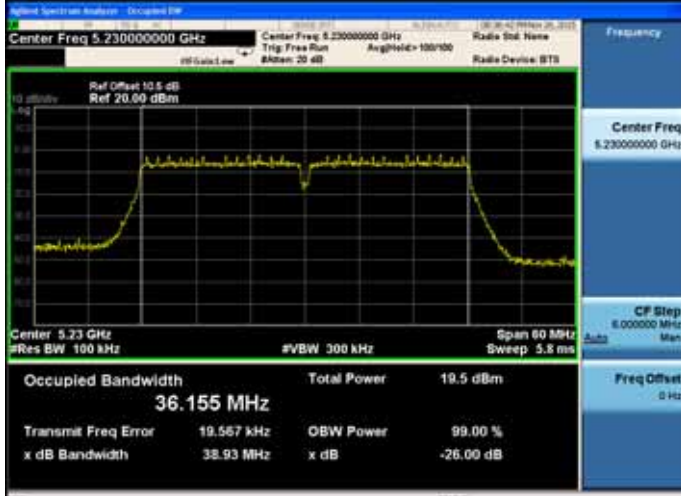


5240MHz

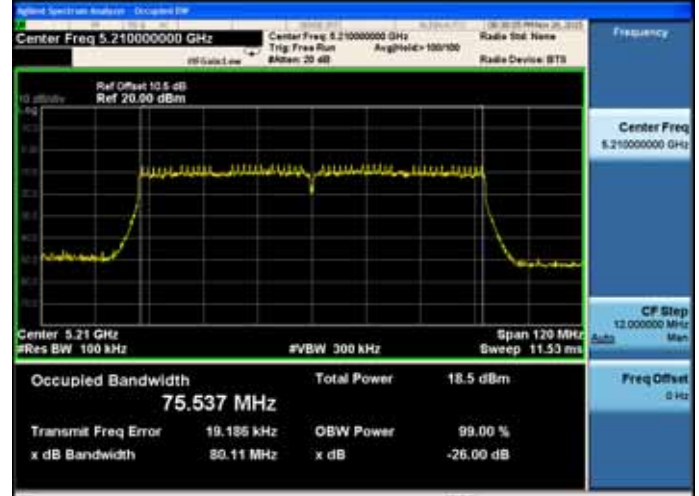


<p>11n HT40 5190MHz</p> <p>Center Freq 5.19000000 GHz</p> <p>Center Freq 5.19000000 GHz</p> <p>Ref Offset 10.5 dB Ref 20.00 dBm</p> <p>Center Freq 5.19 GHz</p> <p>Occupied Bandwidth 36.185 MHz</p> <p>Total Power 19.3 dBm</p> <p>Transmit Freq Error 19.073 kHz</p> <p>OBW Power 99.00 %</p>	<p>5200MHz</p> <p>Center Freq 5.20000000 GHz</p> <p>Center Freq 5.20000000 GHz</p> <p>Ref Offset 10.5 dB Ref 20.00 dBm</p> <p>Center 5.2 GHz</p> <p>Occupied Bandwidth 17.721 MHz</p> <p>Total Power 18.7 dBm</p> <p>Transmit Freq Error 11.205 kHz</p> <p>OBW Power 99.00 %</p>
<p>5230MHz</p> <p>Center Freq 5.23000000 GHz</p> <p>Center Freq 5.23000000 GHz</p> <p>Ref Offset 10.5 dB Ref 20.00 dBm</p> <p>Center 5.23 GHz</p> <p>Occupied Bandwidth 36.192 MHz</p> <p>Total Power 19.9 dBm</p> <p>Transmit Freq Error 14.043 kHz</p> <p>OBW Power 99.00 %</p>	<p>5240MHz</p> <p>Center Freq 5.24000000 GHz</p> <p>Center Freq 5.24000000 GHz</p> <p>Ref Offset 10.5 dB Ref 20.00 dBm</p> <p>Center 5.24 GHz</p> <p>Occupied Bandwidth 17.730 MHz</p> <p>Total Power 18.8 dBm</p> <p>Transmit Freq Error 2.209 kHz</p> <p>OBW Power 99.00 %</p>
<p>11ac VHT20 5180MHz</p> <p>Center Freq 5.18000000 GHz</p> <p>Center Freq 5.18000000 GHz</p> <p>Ref Offset 10.5 dB Ref 20.00 dBm</p> <p>Center 5.18 GHz</p> <p>Occupied Bandwidth 17.734 MHz</p> <p>Total Power 18.4 dBm</p> <p>Transmit Freq Error 14.725 kHz</p> <p>OBW Power 99.00 %</p>	<p>11ac VHT40 5190MHz</p> <p>Center Freq 5.19000000 GHz</p> <p>Center Freq 5.19000000 GHz</p> <p>Ref Offset 10.5 dB Ref 20.00 dBm</p> <p>Center 5.19 GHz</p> <p>Occupied Bandwidth 36.172 MHz</p> <p>Total Power 19.6 dBm</p> <p>Transmit Freq Error 14.444 kHz</p> <p>OBW Power 99.00 %</p>

5230MHz



11ac VHT80
5210MHz



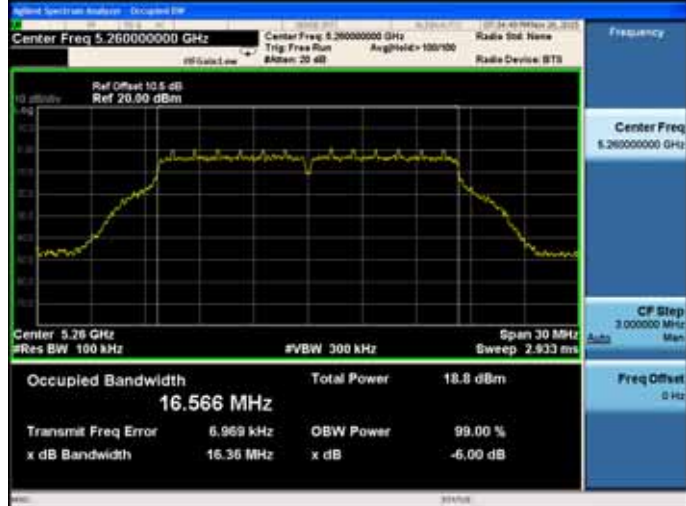
5260-5320MHz Band:

6dB bandwidth

ANT 0

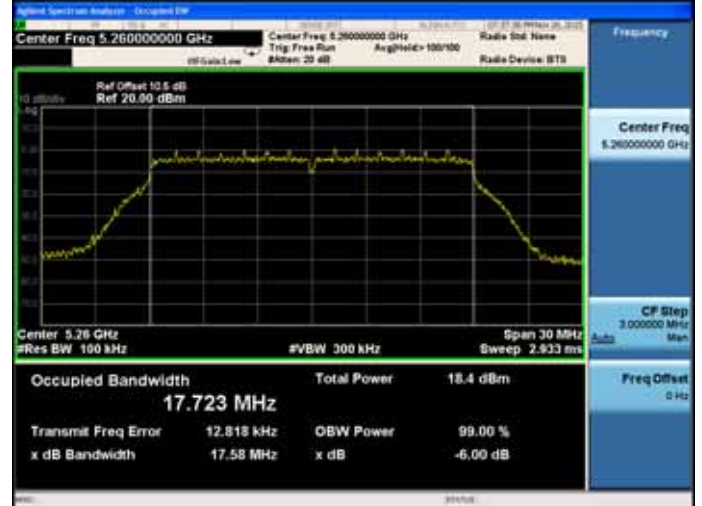
11a

5260MHz

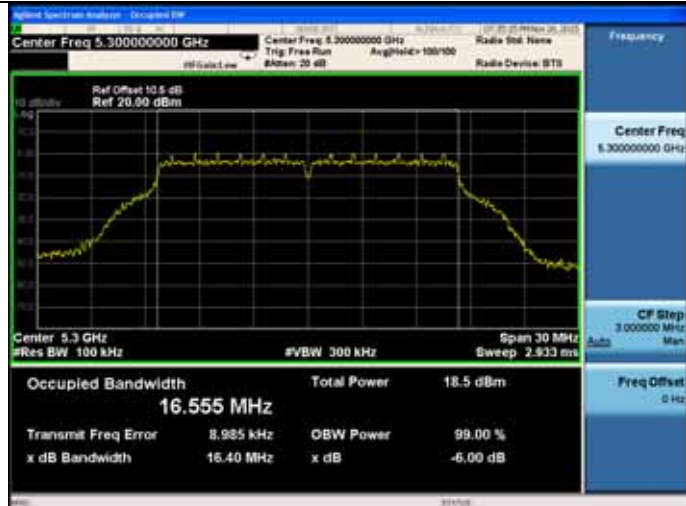


11n HT20

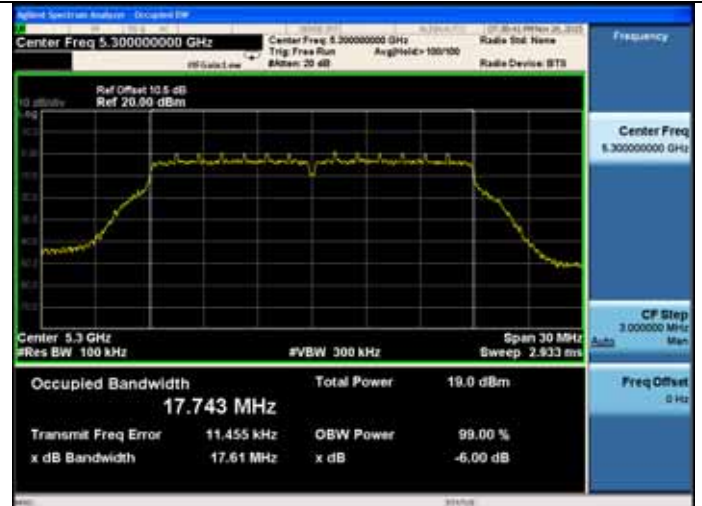
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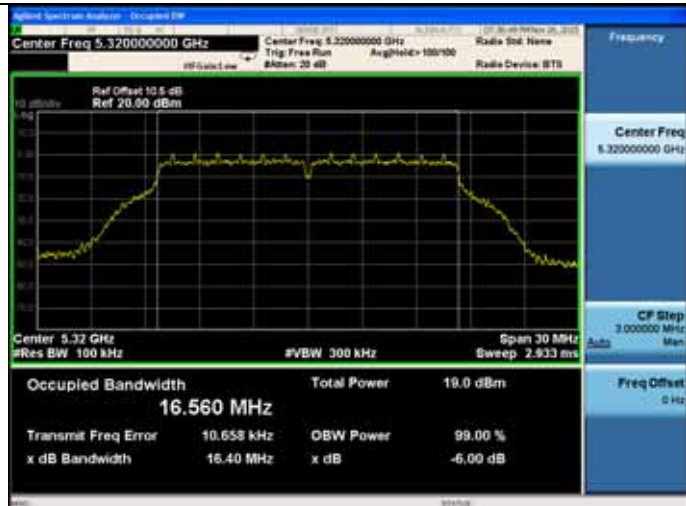
5300MHz



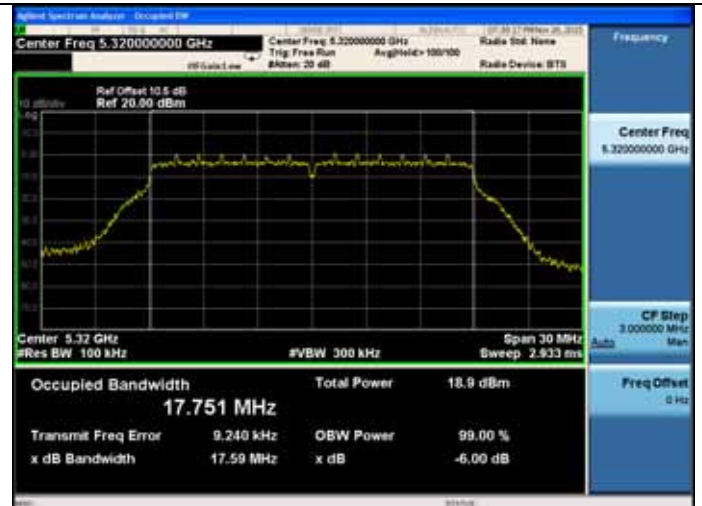
5300MHz



5320MHz

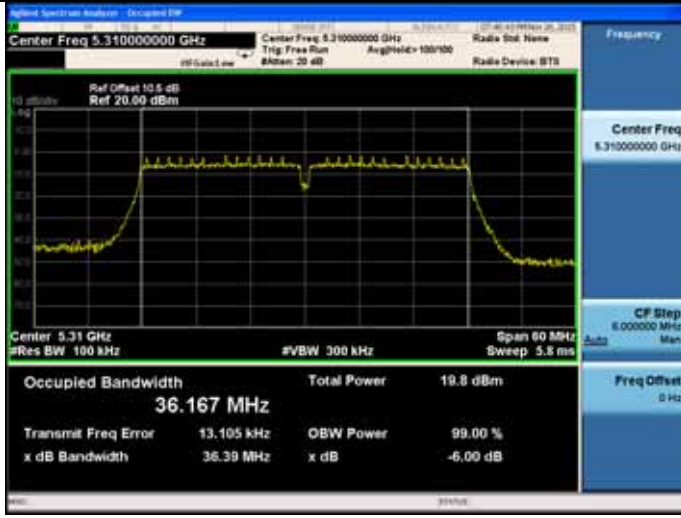


5320MHz

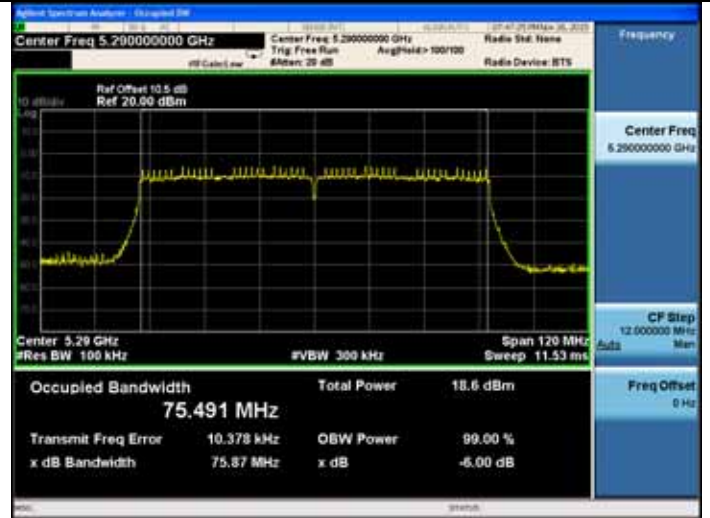


<p>11n HT40 5270MHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.27 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.175 MHz</p> <p>Total Power 19.8 dBm</p> <p>Transmit Freq Error 9.667 kHz</p> <p>x dB Bandwidth 36.38 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>	<p>5300MHz</p> <p>Center Freq 5.30000000 GHz</p> <p>Center Freq 5.30000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.3 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.753 MHz</p> <p>Total Power 19.0 dBm</p> <p>Transmit Freq Error 11.978 kHz</p> <p>x dB Bandwidth 17.60 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>
<p>5310MHz</p> <p>Center Freq 5.31000000 GHz</p> <p>Center Freq 5.31000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.31 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.154 MHz</p> <p>Total Power 19.7 dBm</p> <p>Transmit Freq Error 12.333 kHz</p> <p>x dB Bandwidth 36.36 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>	<p>5320MHz</p> <p>Center Freq 5.32000000 GHz</p> <p>Center Freq 5.32000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.32 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.754 MHz</p> <p>Total Power 19.2 dBm</p> <p>Transmit Freq Error 11.084 kHz</p> <p>x dB Bandwidth 17.61 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>
<p>11ac VHT20 5260MHz</p> <p>Center Freq 5.26000000 GHz</p> <p>Center Freq 5.26000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.26 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.747 MHz</p> <p>Total Power 18.7 dBm</p> <p>Transmit Freq Error 11.886 kHz</p> <p>x dB Bandwidth 17.59 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>	<p>11ac VHT40 5270MHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.27 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.152 MHz</p> <p>Total Power 19.7 dBm</p> <p>Transmit Freq Error 22.581 kHz</p> <p>x dB Bandwidth 36.38 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>

5310MHz



11ac VHT80
5290MHz



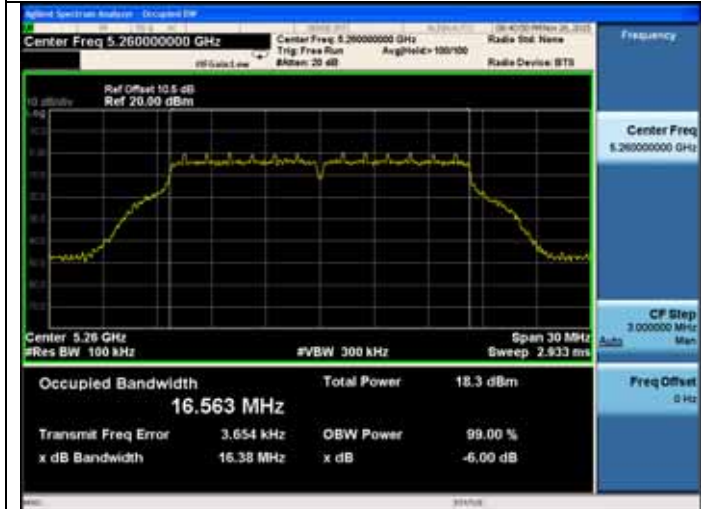
5260-5320MHz Band:

6dB bandwidth

ANT 1

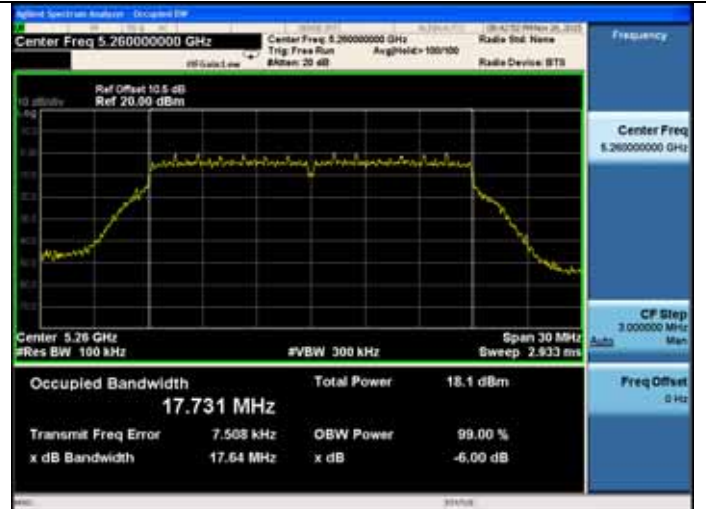
11a

5260MHz



11n HT20

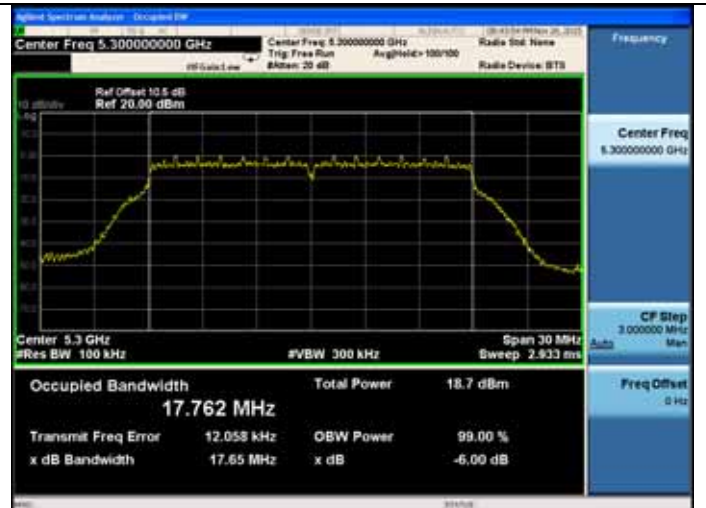
5260MHz



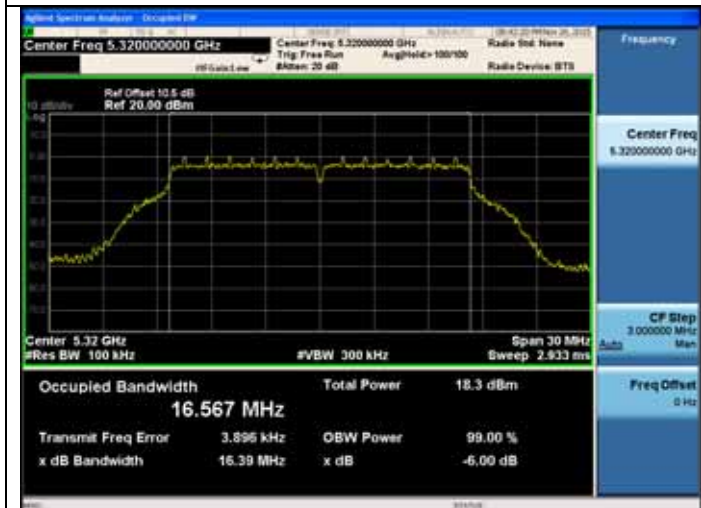
5300MHz



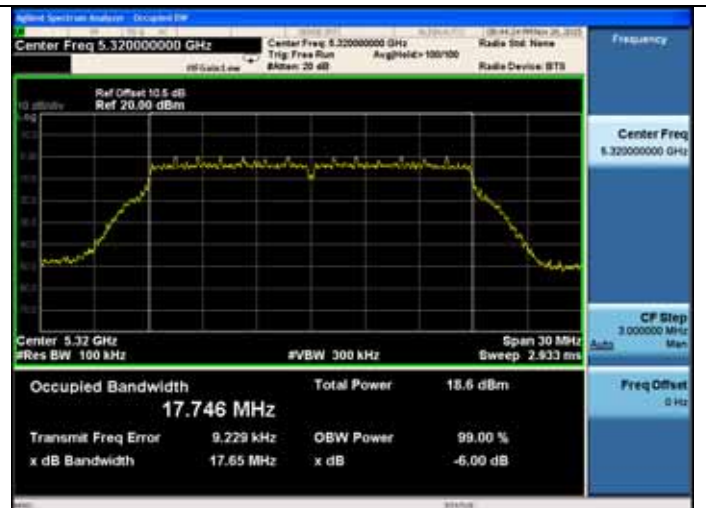
5300MHz



5320MHz

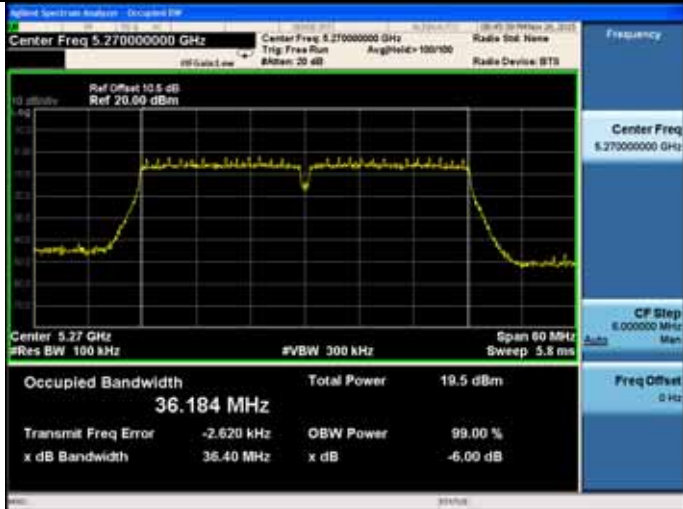


5320MHz

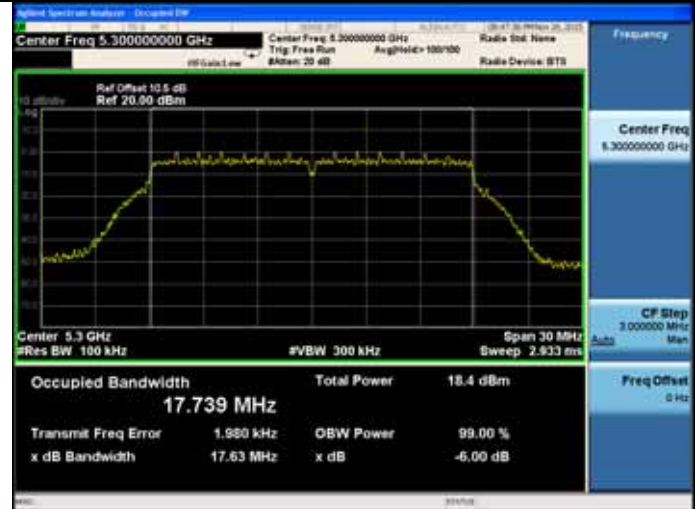


11n HT40

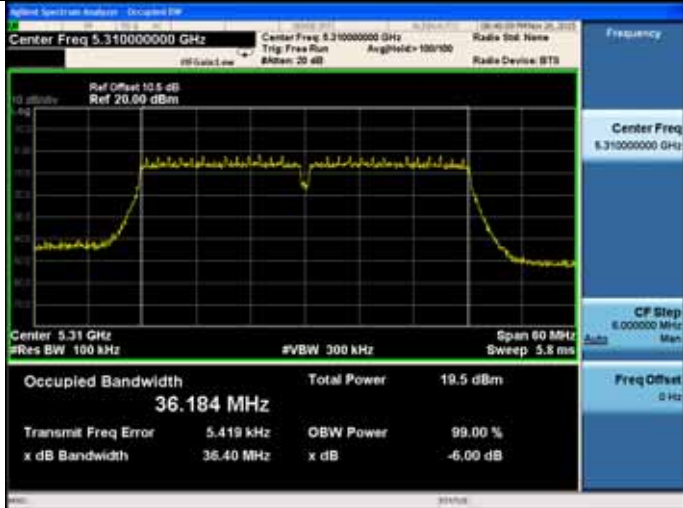
5270MHz



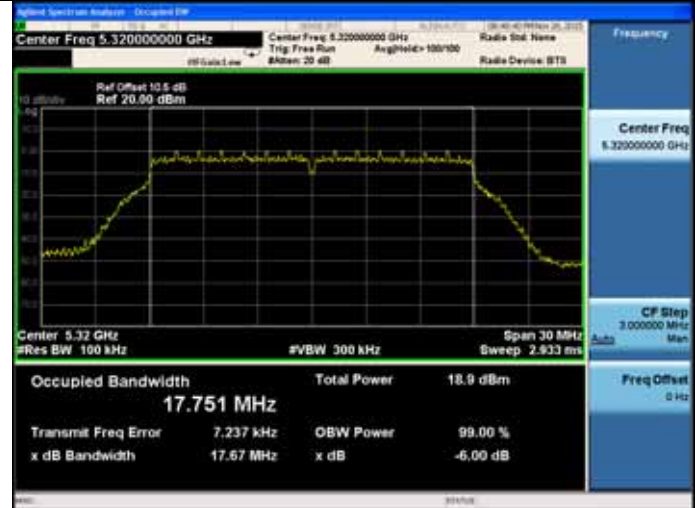
5300MHz



5310MHz

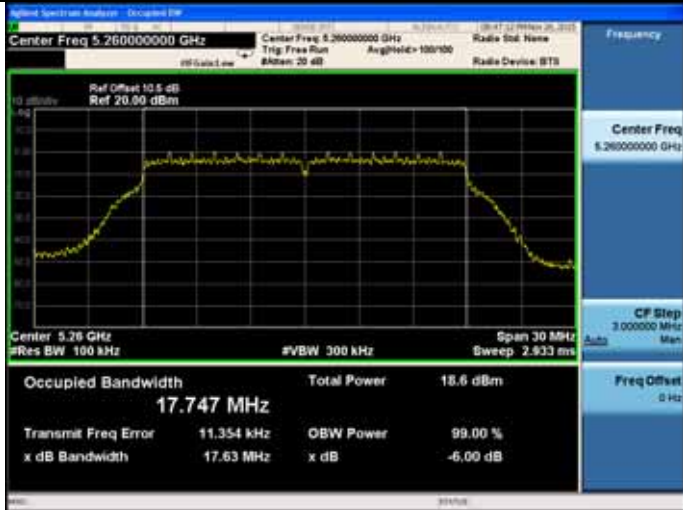


5320MHz



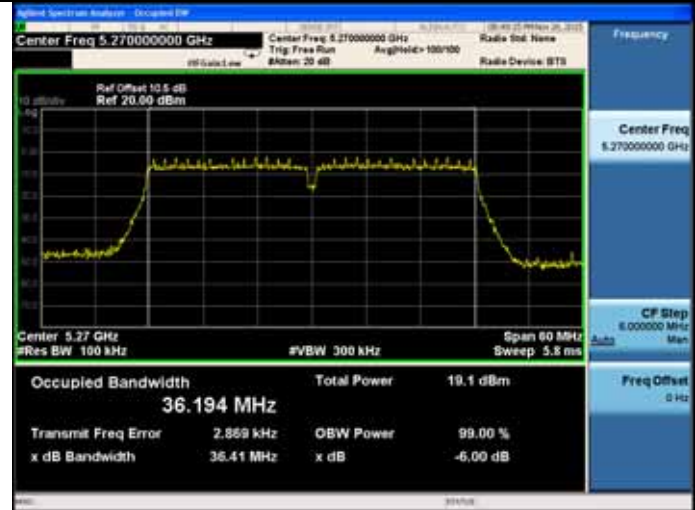
11ac VHT20

5260MHz

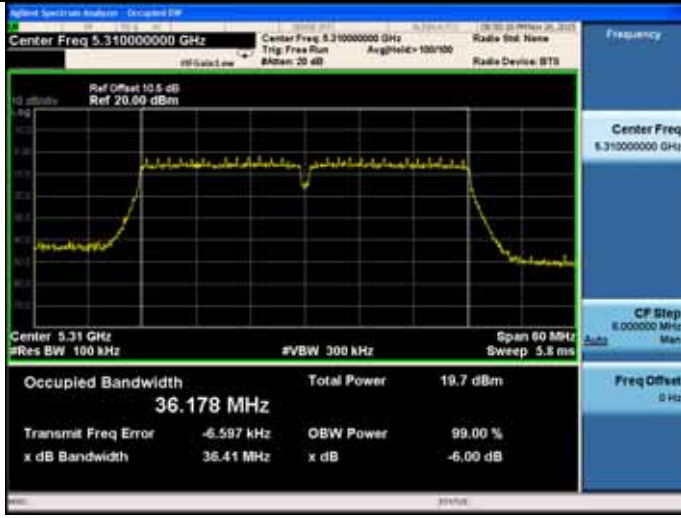


11ac VHT40

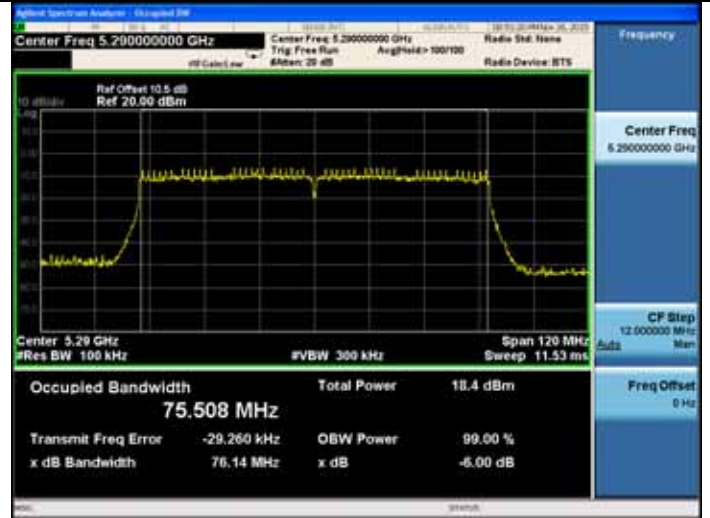
5270MHz



5310MHz



11ac VHT80
5290MHz



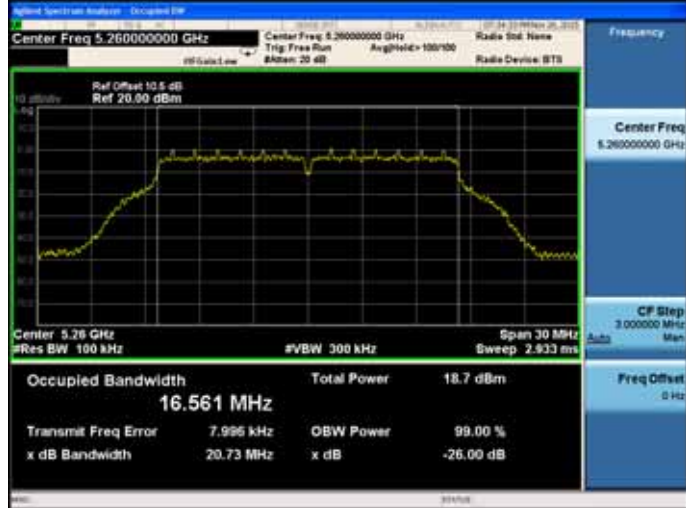
5260-5320MHz Band:

26dB bandwidth

ANT 0

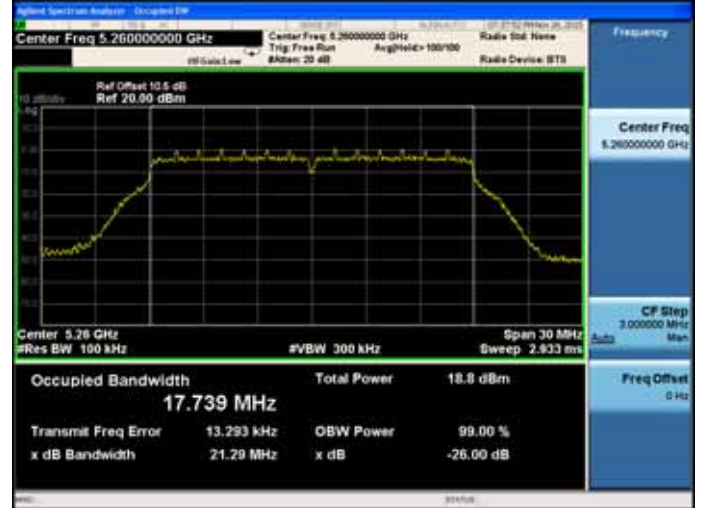
11a

5260MHz

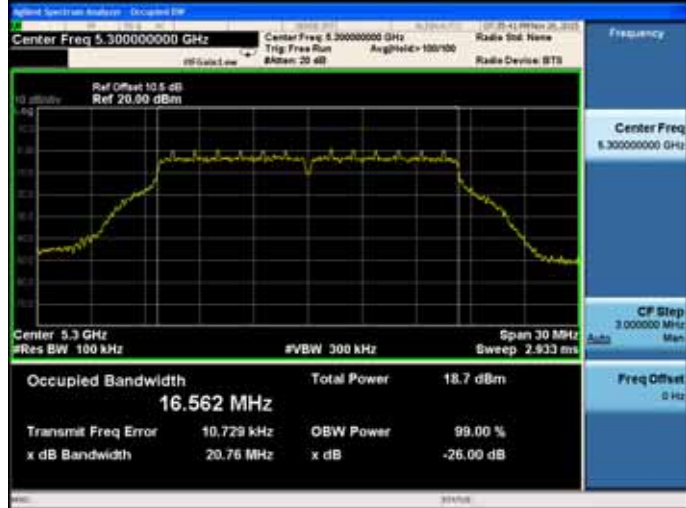


11n HT20

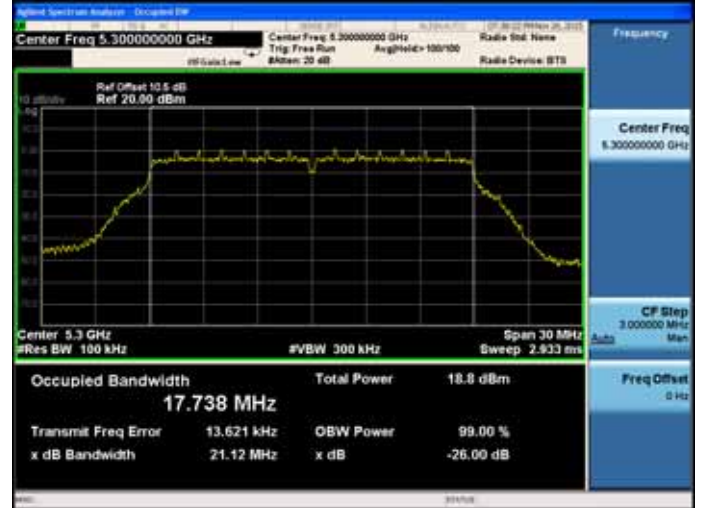
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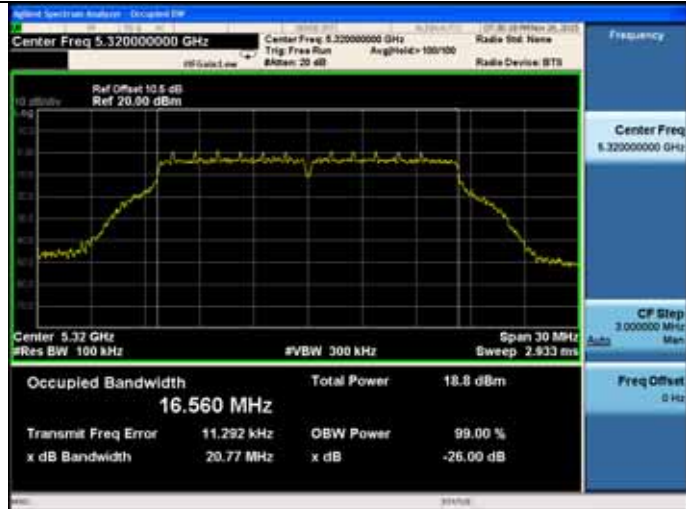
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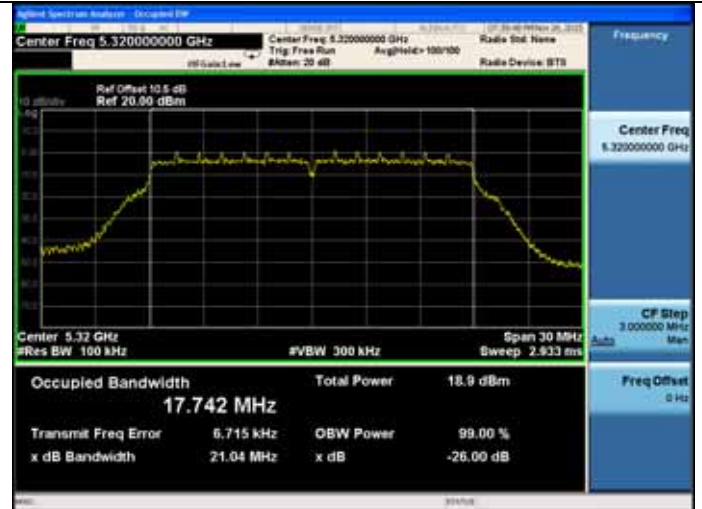
5300MHz



5320MHz

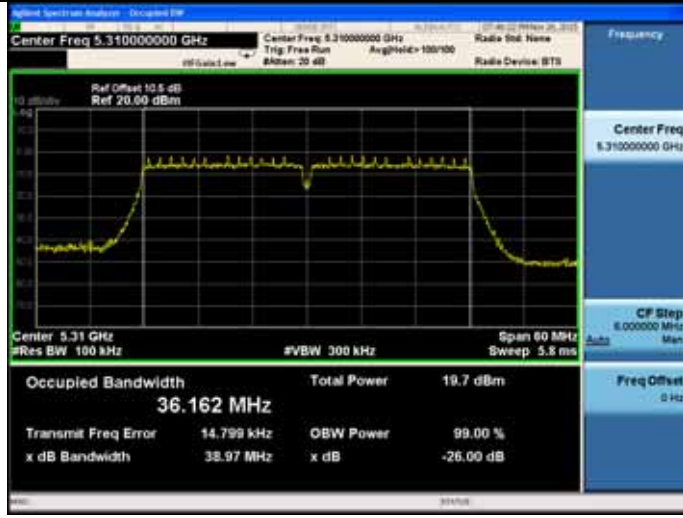


5320MHz

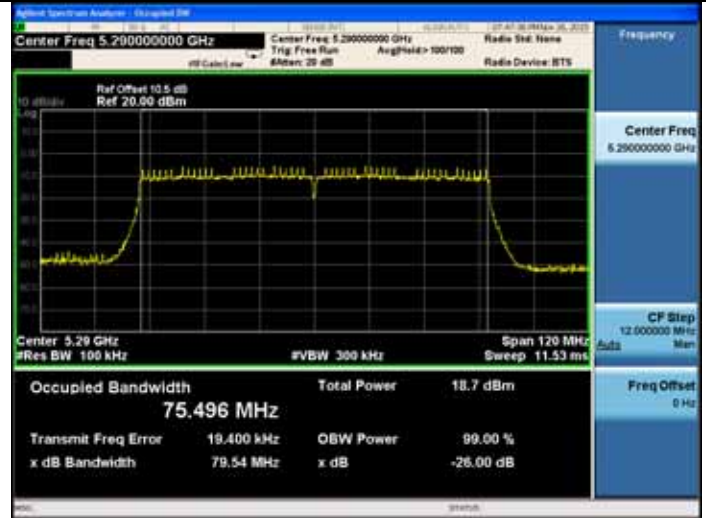


<p>11n HT40 5270MHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Ref Offset 10.5 dB Ref 20.00 dBm</p> <p>Center Freq 5.27 GHz</p> <p>Occupied Bandwidth 36.178 MHz</p> <p>Total Power 19.5 dBm</p> <p>Transmit Freq Error 10.739 kHz</p> <p>x dB Bandwidth 39.10 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>	<p>5300MHz</p> <p>Center Freq 5.30000000 GHz</p> <p>Center Freq 5.30000000 GHz</p> <p>Ref Offset 10.5 dB Ref 20.00 dBm</p> <p>Center 5.3 GHz</p> <p>Occupied Bandwidth 17.755 MHz</p> <p>Total Power 19.1 dBm</p> <p>Transmit Freq Error 11.917 kHz</p> <p>x dB Bandwidth 21.37 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>
<p>5310MHz</p> <p>Center Freq 5.31000000 GHz</p> <p>Center Freq 5.31000000 GHz</p> <p>Ref Offset 10.5 dB Ref 20.00 dBm</p> <p>Center 5.31 GHz</p> <p>Occupied Bandwidth 36.143 MHz</p> <p>Total Power 19.9 dBm</p> <p>Transmit Freq Error 16.535 kHz</p> <p>x dB Bandwidth 38.99 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>	<p>5320MHz</p> <p>Center Freq 5.32000000 GHz</p> <p>Center Freq 5.32000000 GHz</p> <p>Ref Offset 10.5 dB Ref 20.00 dBm</p> <p>Center 5.32 GHz</p> <p>Occupied Bandwidth 17.741 MHz</p> <p>Total Power 18.8 dBm</p> <p>Transmit Freq Error 6.084 kHz</p> <p>x dB Bandwidth 21.24 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>
<p>11ac VHT20 5260MHz</p> <p>Center Freq 5.26000000 GHz</p> <p>Center Freq 5.26000000 GHz</p> <p>Ref Offset 10.5 dB Ref 20.00 dBm</p> <p>Center 5.26 GHz</p> <p>Occupied Bandwidth 17.740 MHz</p> <p>Total Power 18.4 dBm</p> <p>Transmit Freq Error 14.203 kHz</p> <p>x dB Bandwidth 21.24 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>	<p>11ac VHT40 5270MHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Ref Offset 10.5 dB Ref 20.00 dBm</p> <p>Center 5.27 GHz</p> <p>Occupied Bandwidth 36.148 MHz</p> <p>Total Power 19.8 dBm</p> <p>Transmit Freq Error 26.517 kHz</p> <p>x dB Bandwidth 39.20 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>

5310MHz



11ac VHT80
5290MHz



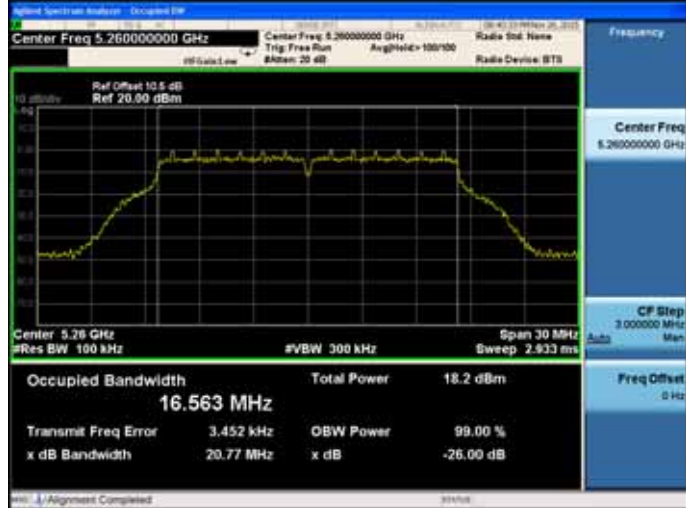
5260-5320MHz Band:

26dB bandwidth

ANT 1

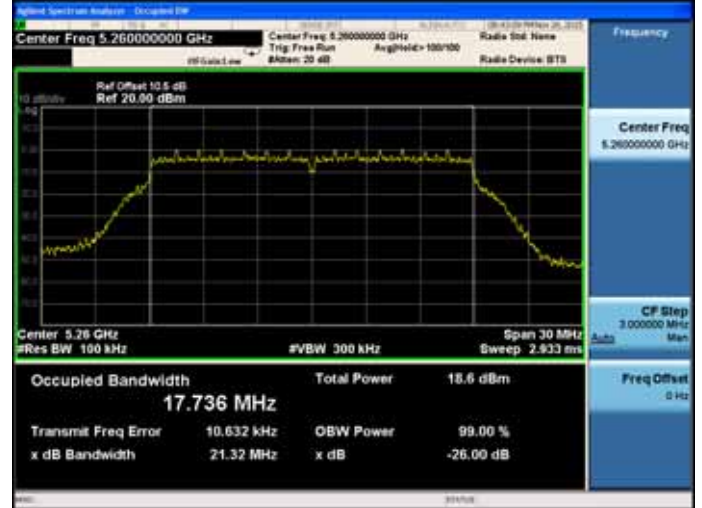
11a

5260MHz

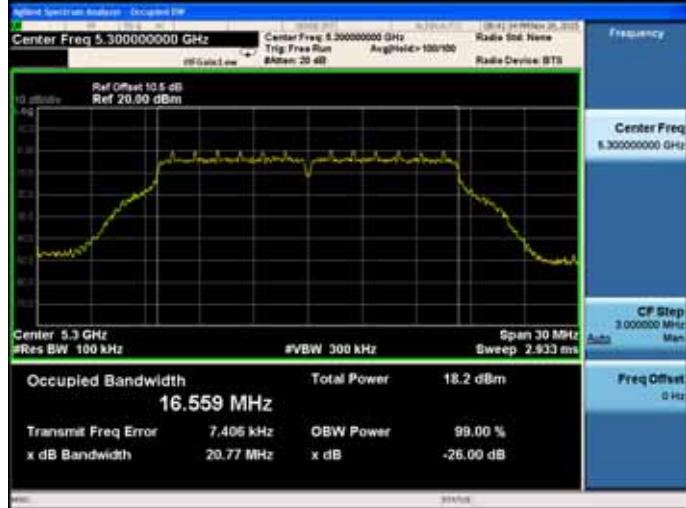


11n HT20

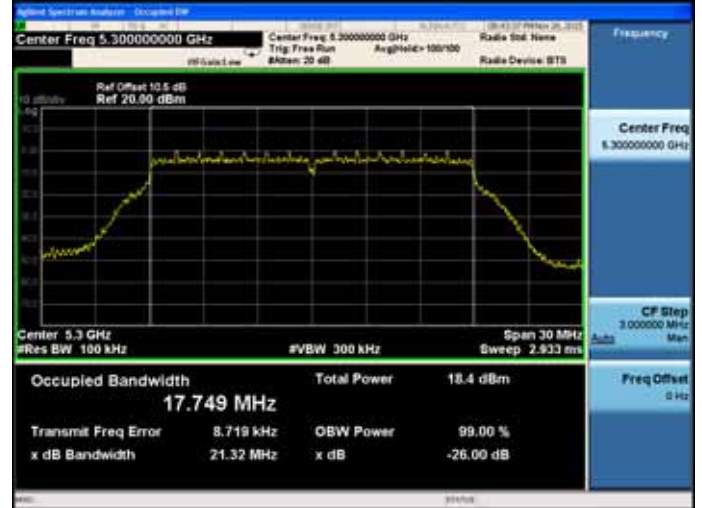
5260MHz



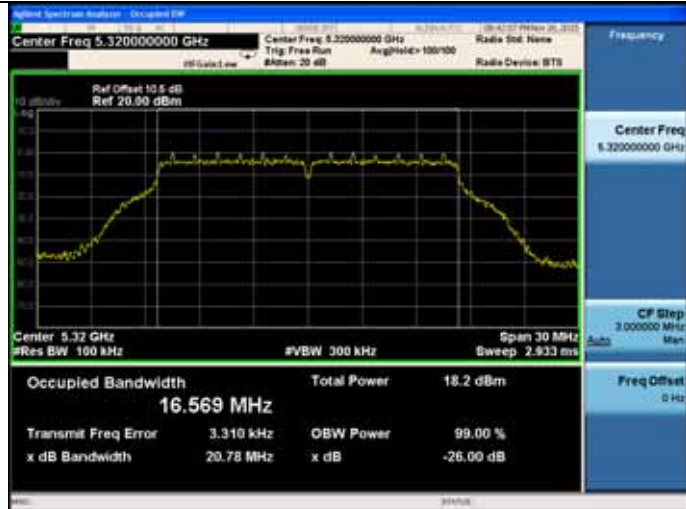
5300MHz



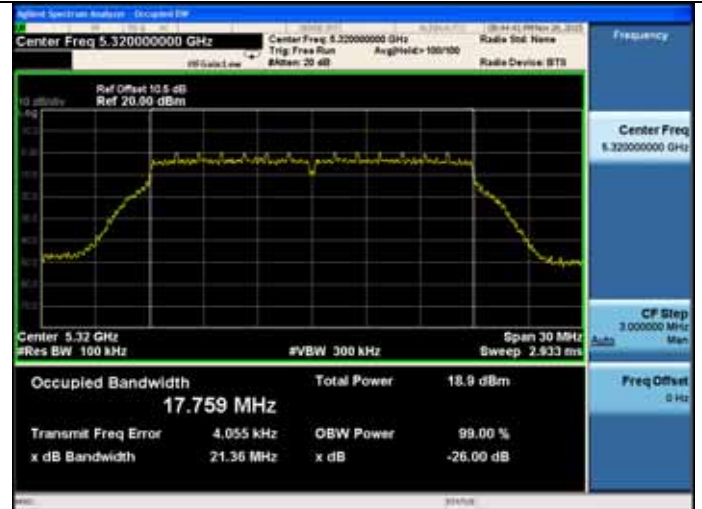
5300MHz



5320MHz

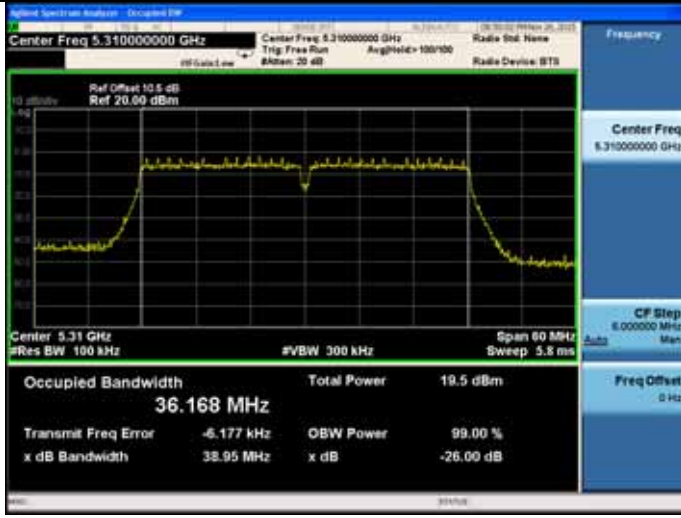


5320MHz

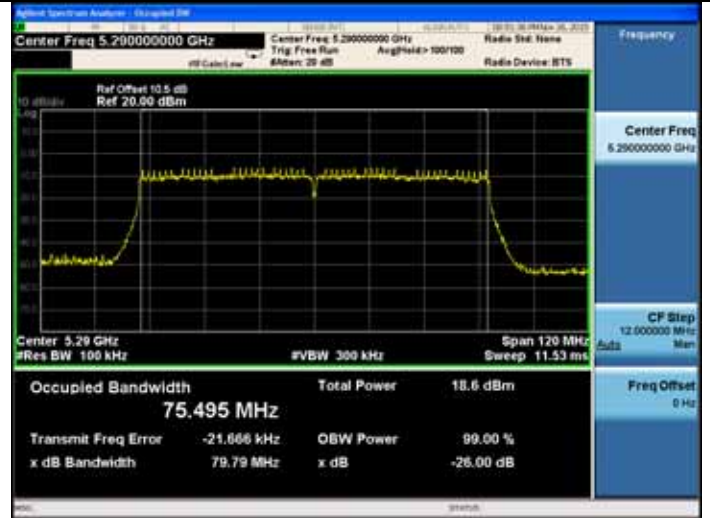


<p>11n HT40 5270MHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.27 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.170 MHz</p> <p>Total Power 19.3 dBm</p> <p>Transmit Freq Error -13.879 kHz</p> <p>x dB Bandwidth 39.11 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>	<p>5300MHz</p> <p>Center Freq 5.30000000 GHz</p> <p>Center Freq 5.30000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.3 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.748 MHz</p> <p>Total Power 18.7 dBm</p> <p>Transmit Freq Error 8.137 kHz</p> <p>x dB Bandwidth 21.34 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>
<p>5310MHz</p> <p>Center Freq 5.31000000 GHz</p> <p>Center Freq 5.31000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.31 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.185 MHz</p> <p>Total Power 19.7 dBm</p> <p>Transmit Freq Error 2.152 kHz</p> <p>x dB Bandwidth 39.14 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>	<p>5320MHz</p> <p>Center Freq 5.32000000 GHz</p> <p>Center Freq 5.32000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.32 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.748 MHz</p> <p>Total Power 18.4 dBm</p> <p>Transmit Freq Error 8.215 kHz</p> <p>x dB Bandwidth 21.37 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>
<p>11ac VHT20 5260MHz</p> <p>Center Freq 5.26000000 GHz</p> <p>Center Freq 5.26000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.26 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.746 MHz</p> <p>Total Power 18.3 dBm</p> <p>Transmit Freq Error 14.177 kHz</p> <p>x dB Bandwidth 21.29 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>	<p>11ac VHT40 5270MHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.27 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.196 MHz</p> <p>Total Power 19.5 dBm</p> <p>Transmit Freq Error -1.281 kHz</p> <p>x dB Bandwidth 39.07 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>

5310MHz



11ac VHT80
5290MHz



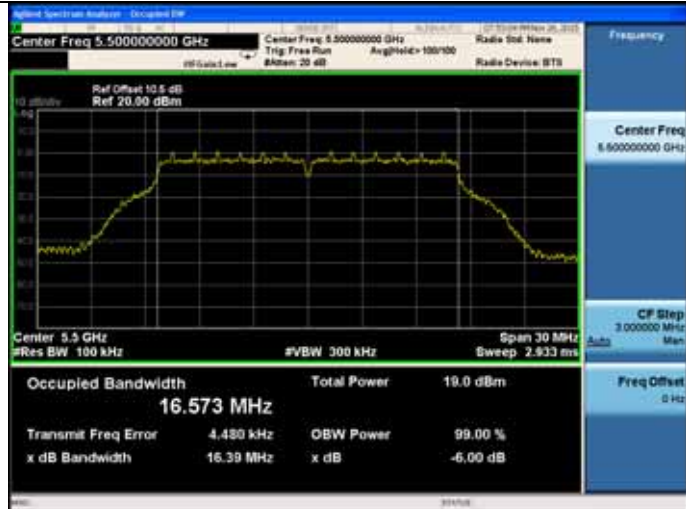
5500-5700MHz Band:

6dB bandwidth

ANT 0

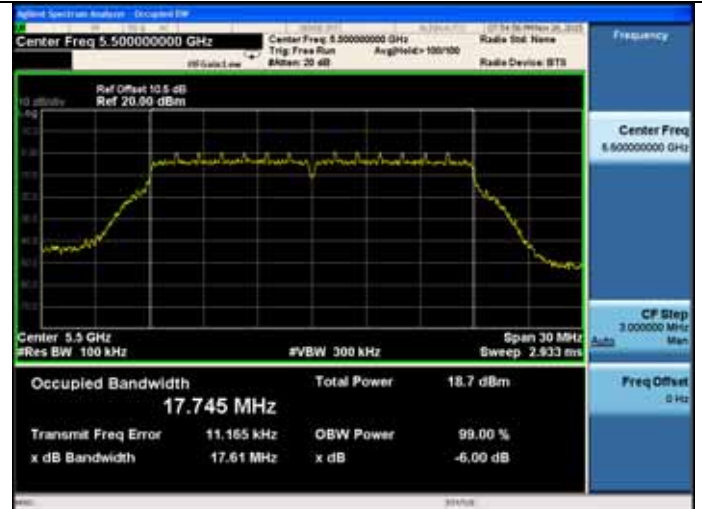
11a

5500MHz

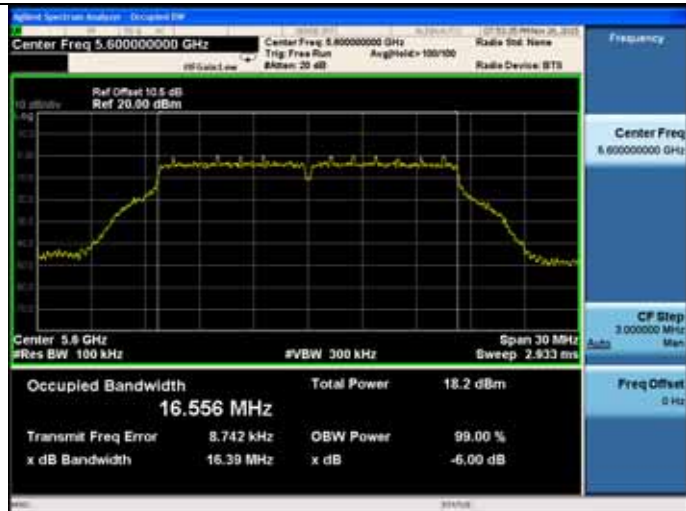


11n HT20

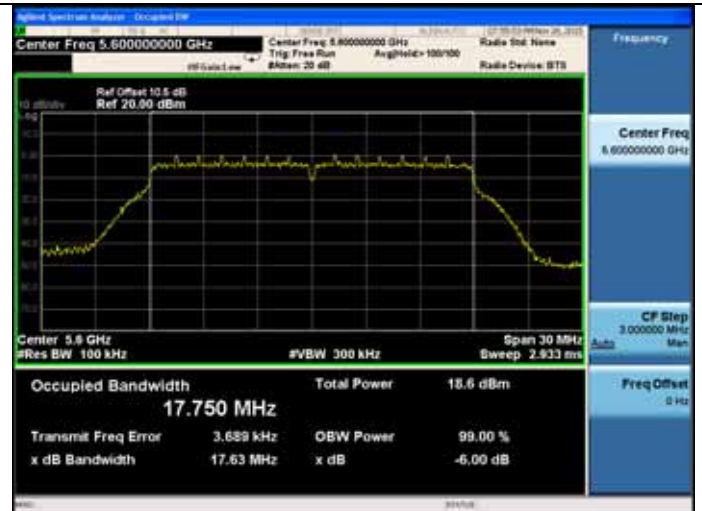
5500MHz



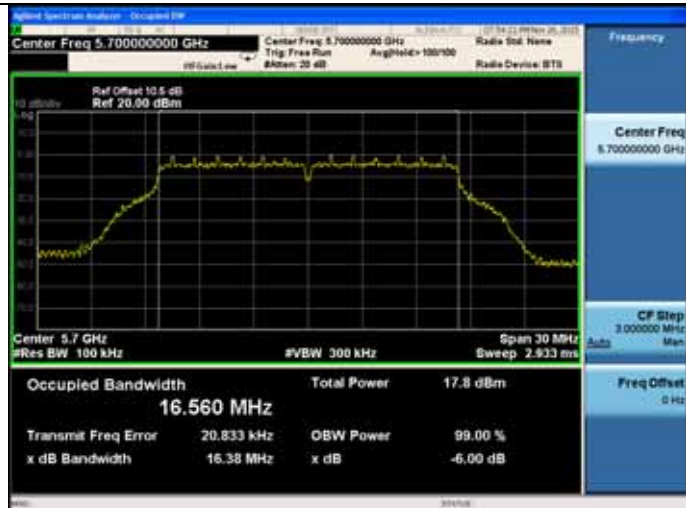
5600MHz



5600MHz

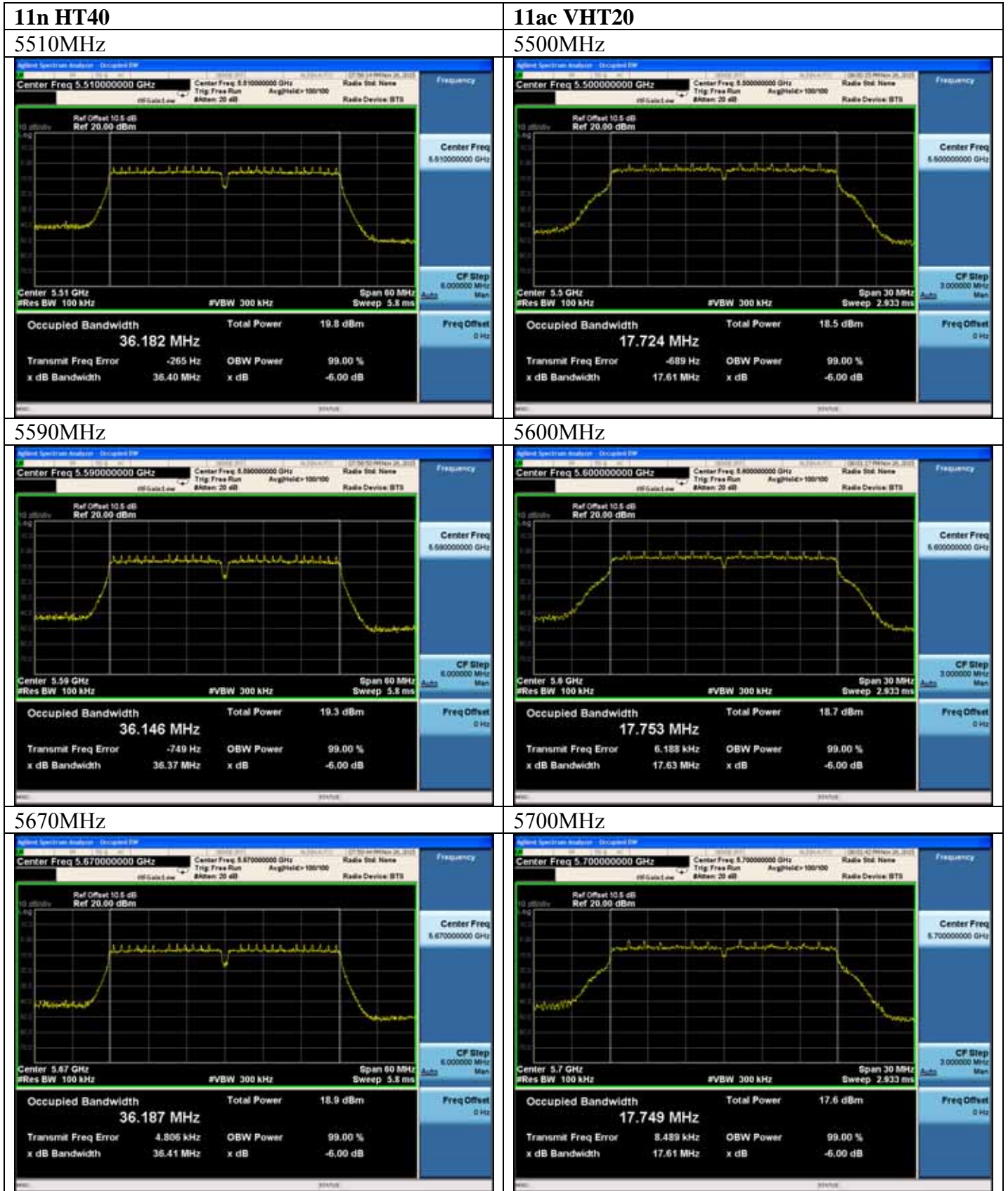


5700MHz

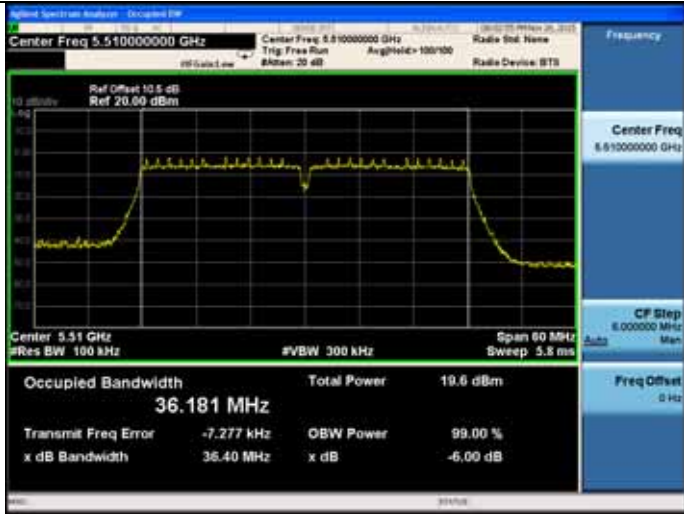


5700MHz

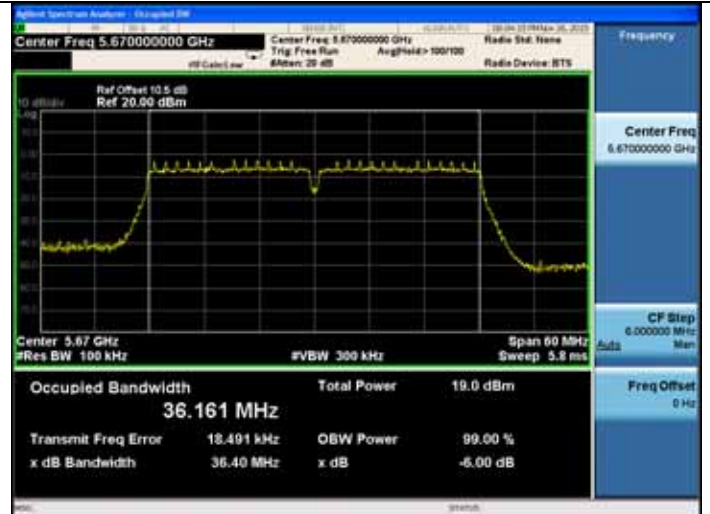




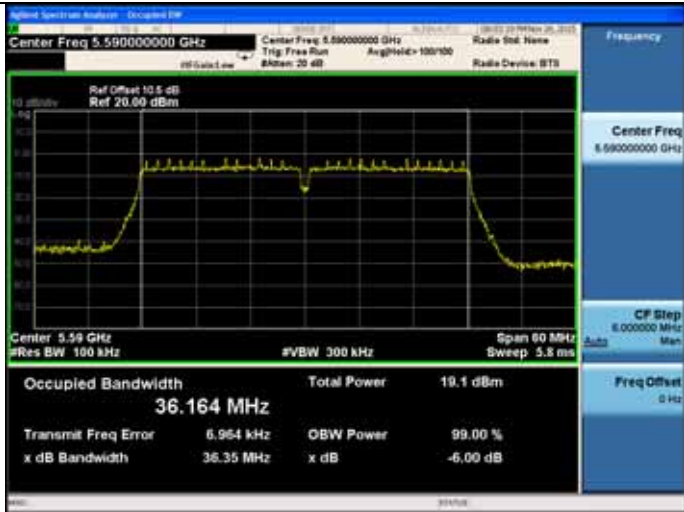
11ac VHT40
5510MHz



5670MHz

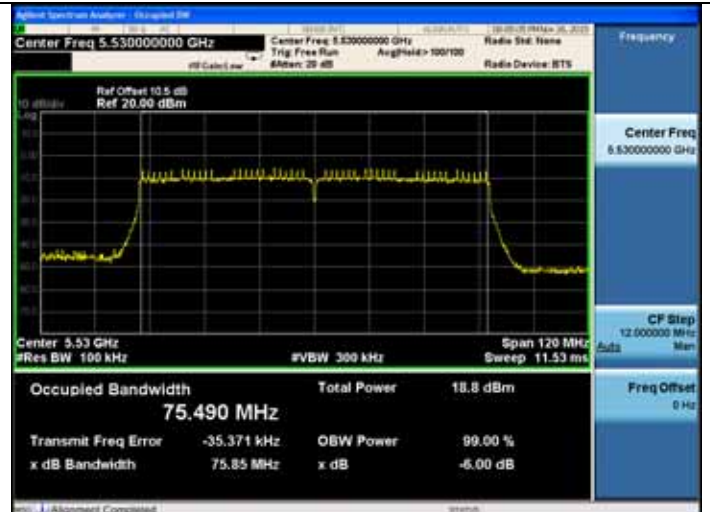


5590MHz

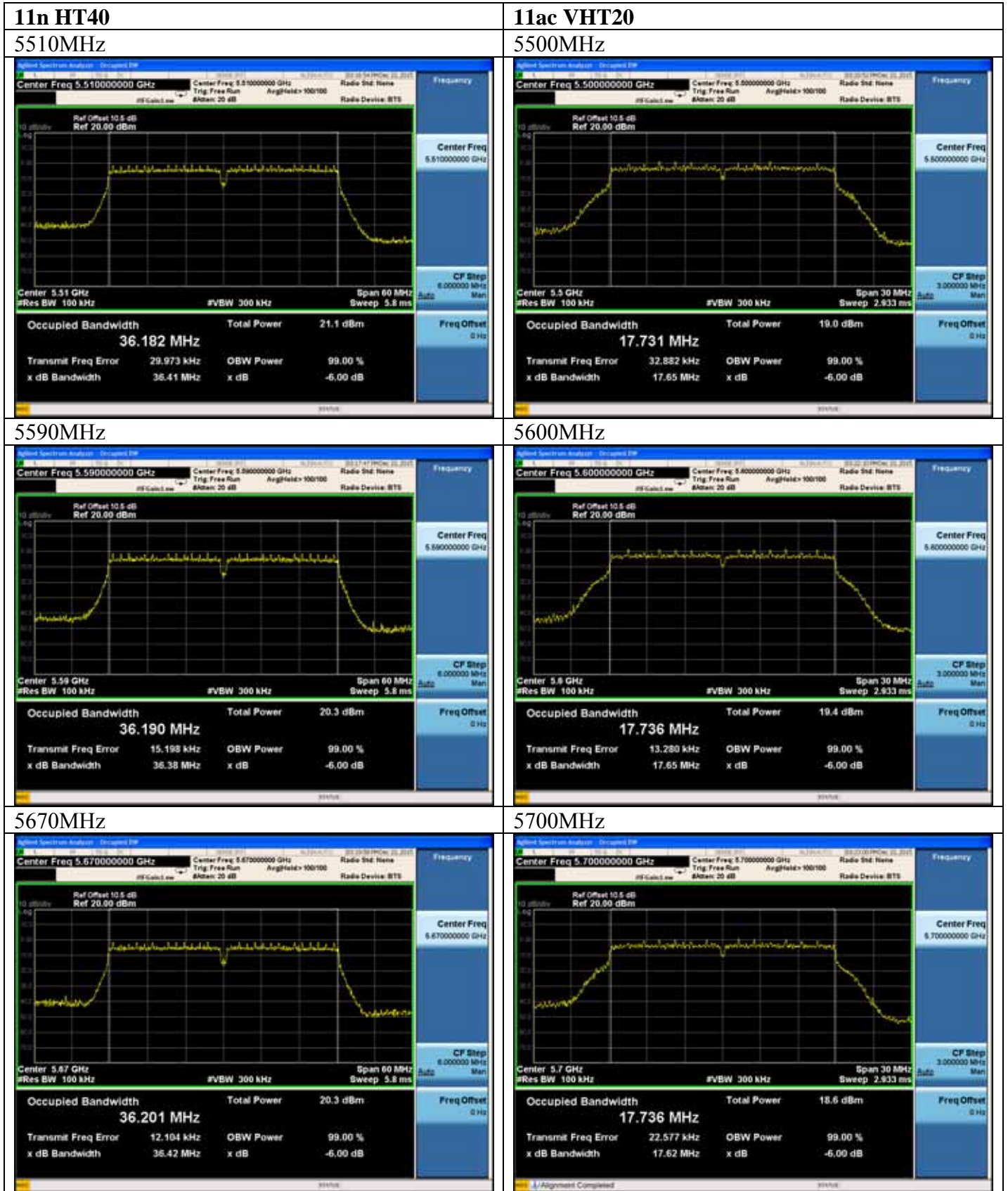


11ac VHT80

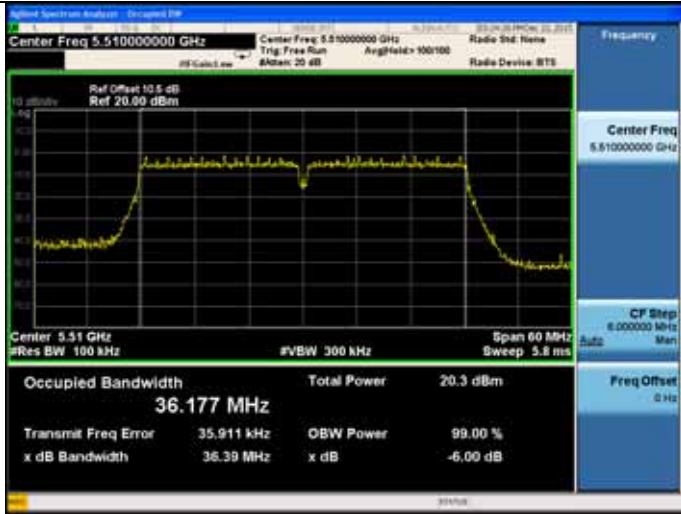
5530MHz



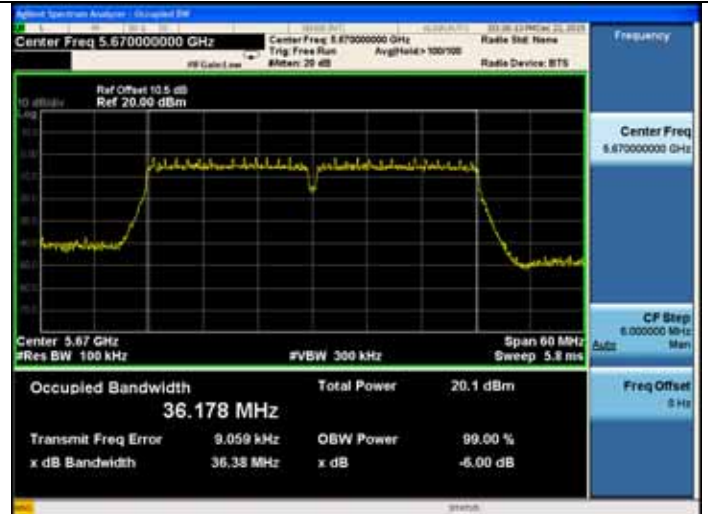
<p>5500-5700MHz Band:</p> <p>6dB bandwidth</p> <p>ANT 1</p>	
<p>11a</p> <p>5500MHz</p>	<p>11n HT20</p> <p>5500MHz</p>
<p>5600MHz</p>	<p>5600MHz</p>
<p>5700MHz</p>	<p>5700MHz</p>



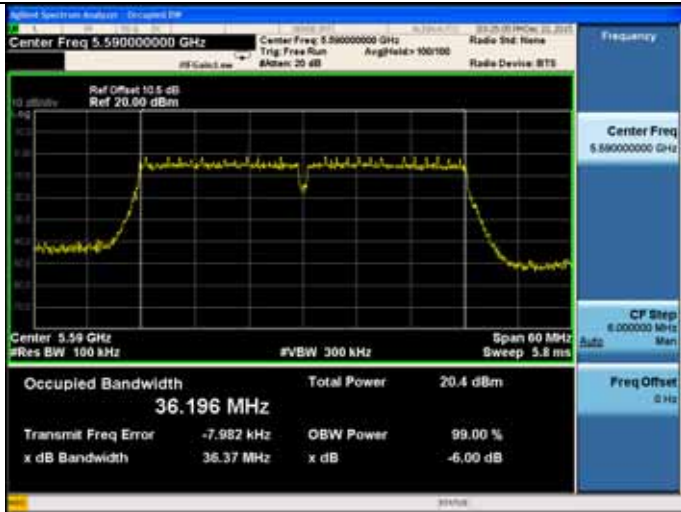
11ac VHT40
5510MHz



5670MHz

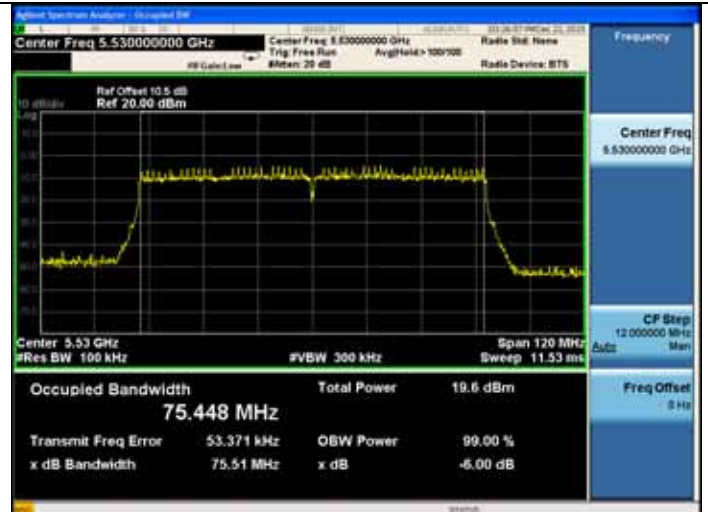


5590MHz



11ac VHT80

5530MHz



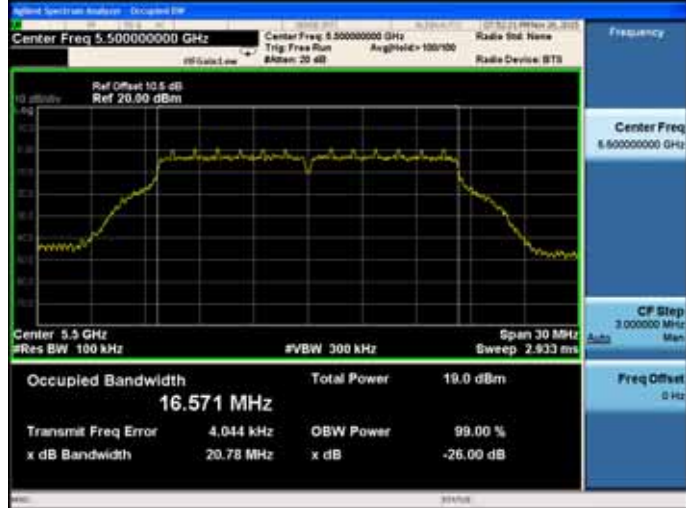
5500-5700MHz Band:

26dB bandwidth

ANT 0

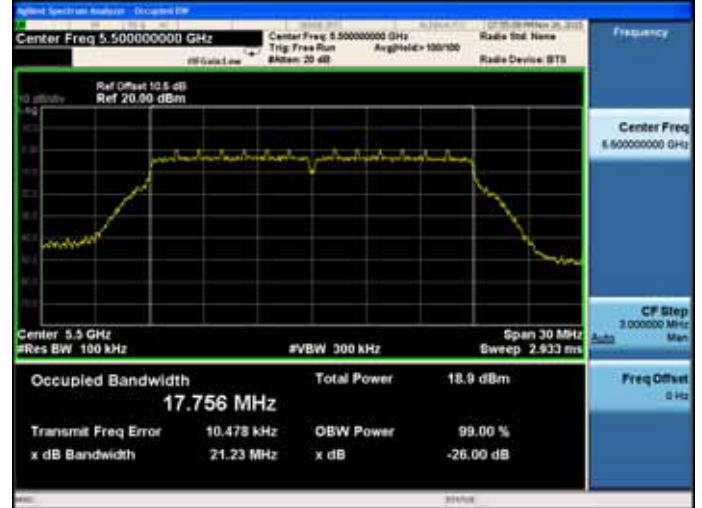
11a

5500MHz

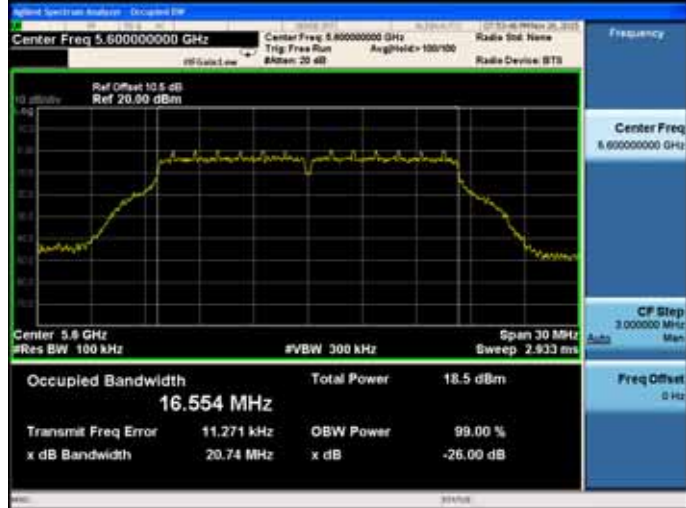


11n HT20

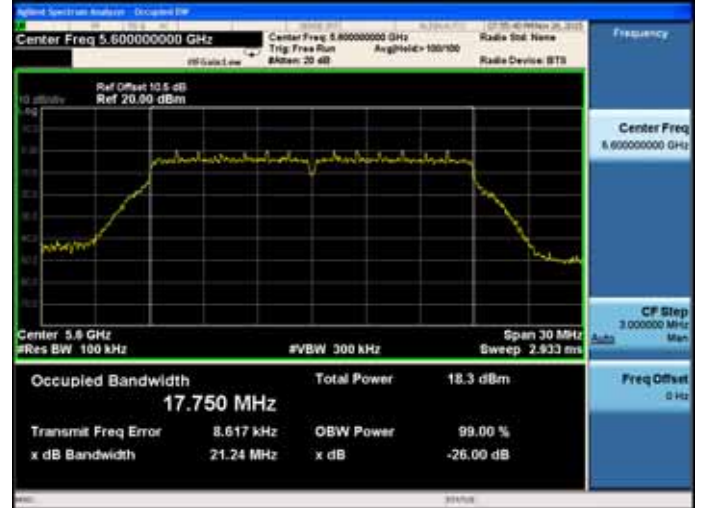
5500MHz



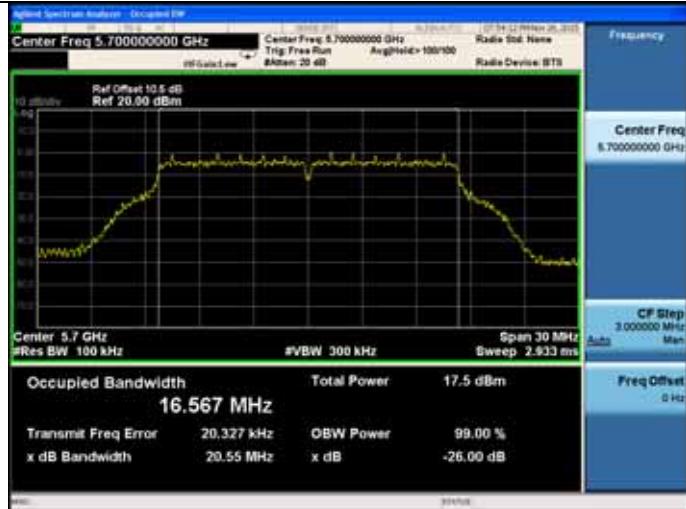
5600MHz



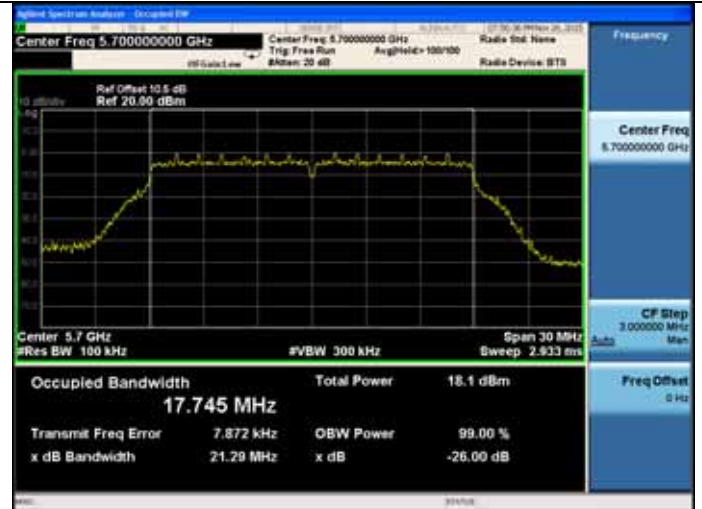
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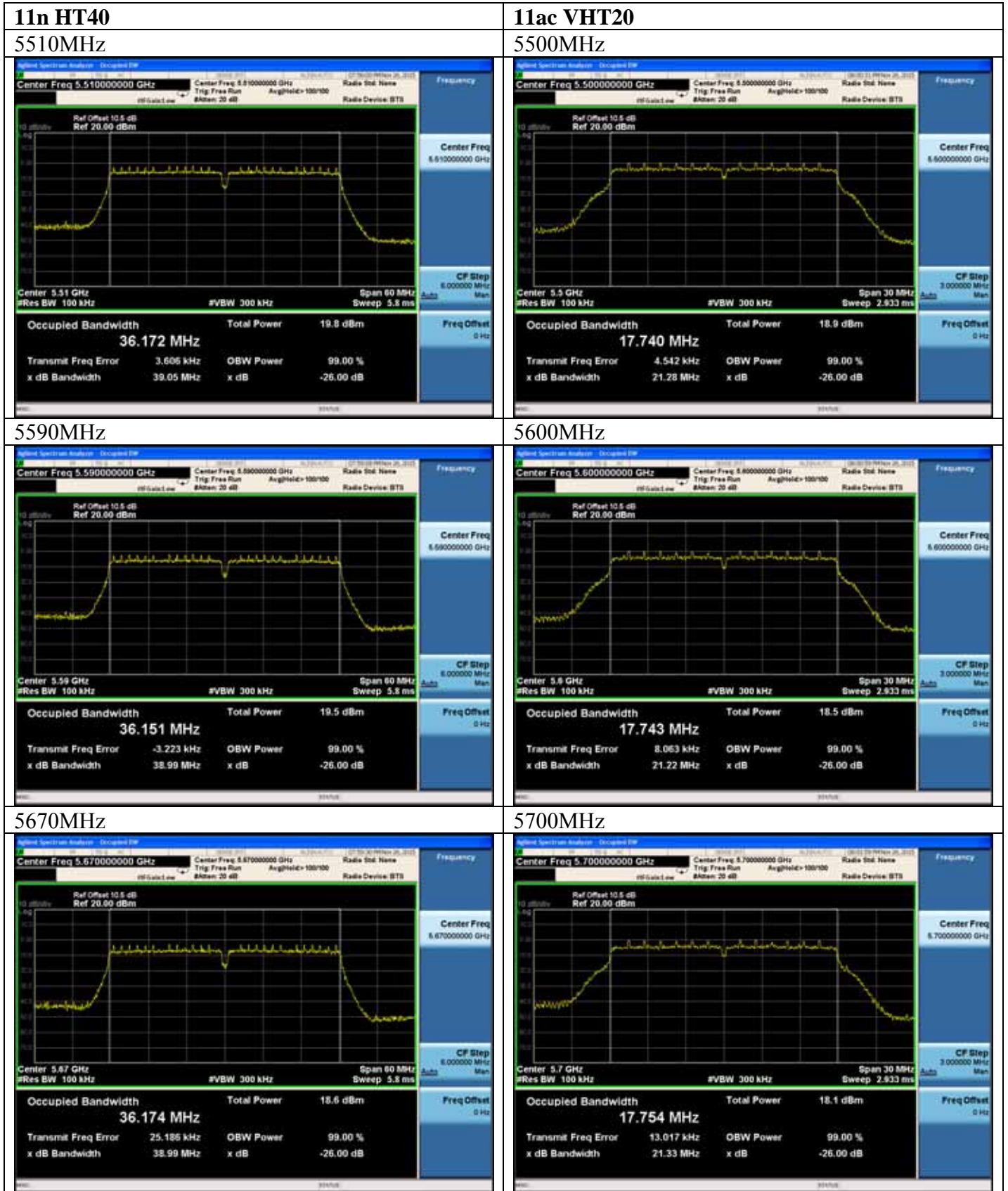


5700MHz

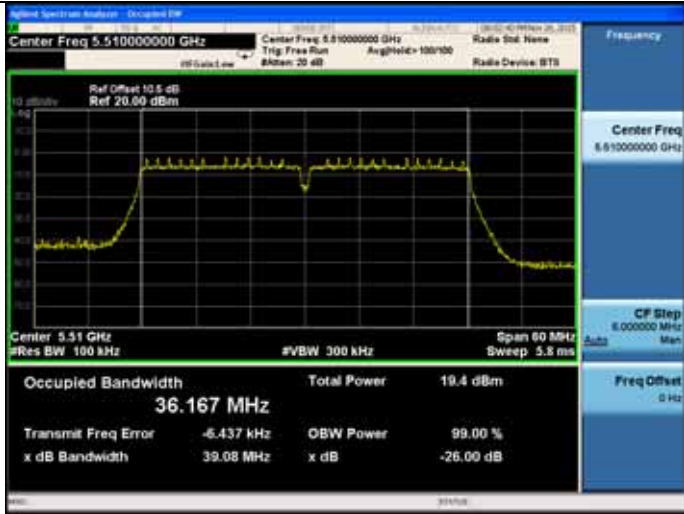


5700MHz

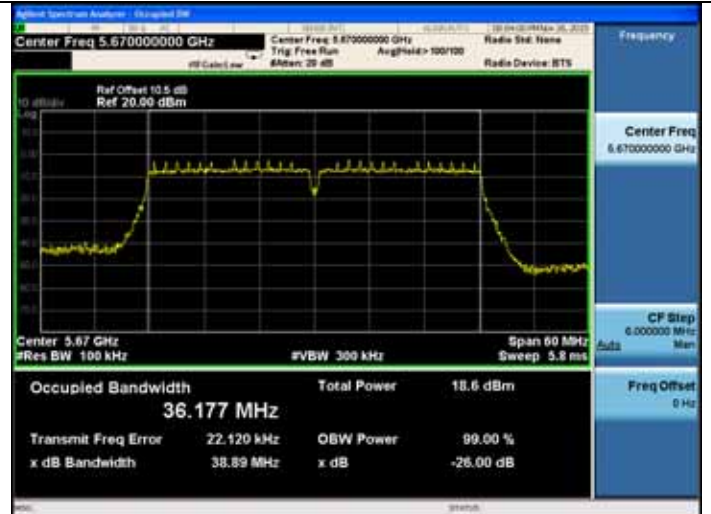




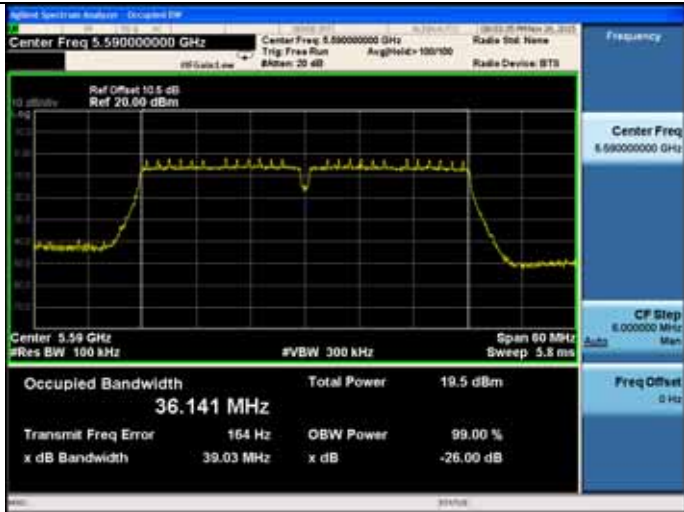
11ac VHT40
5510MHz



5670MHz

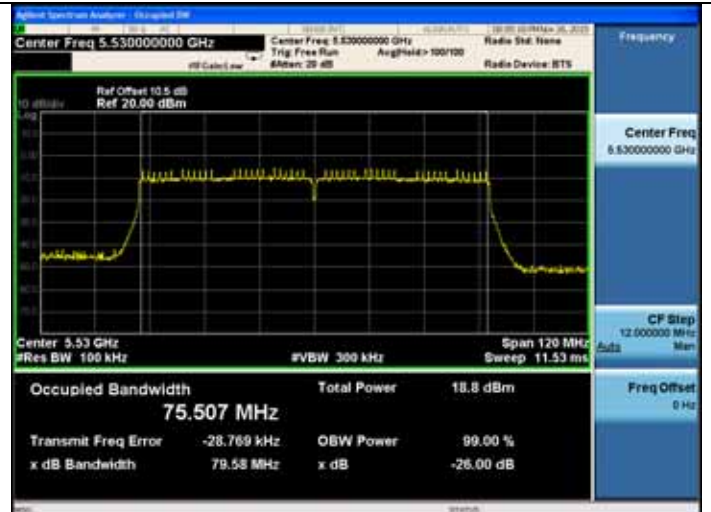


5590MHz

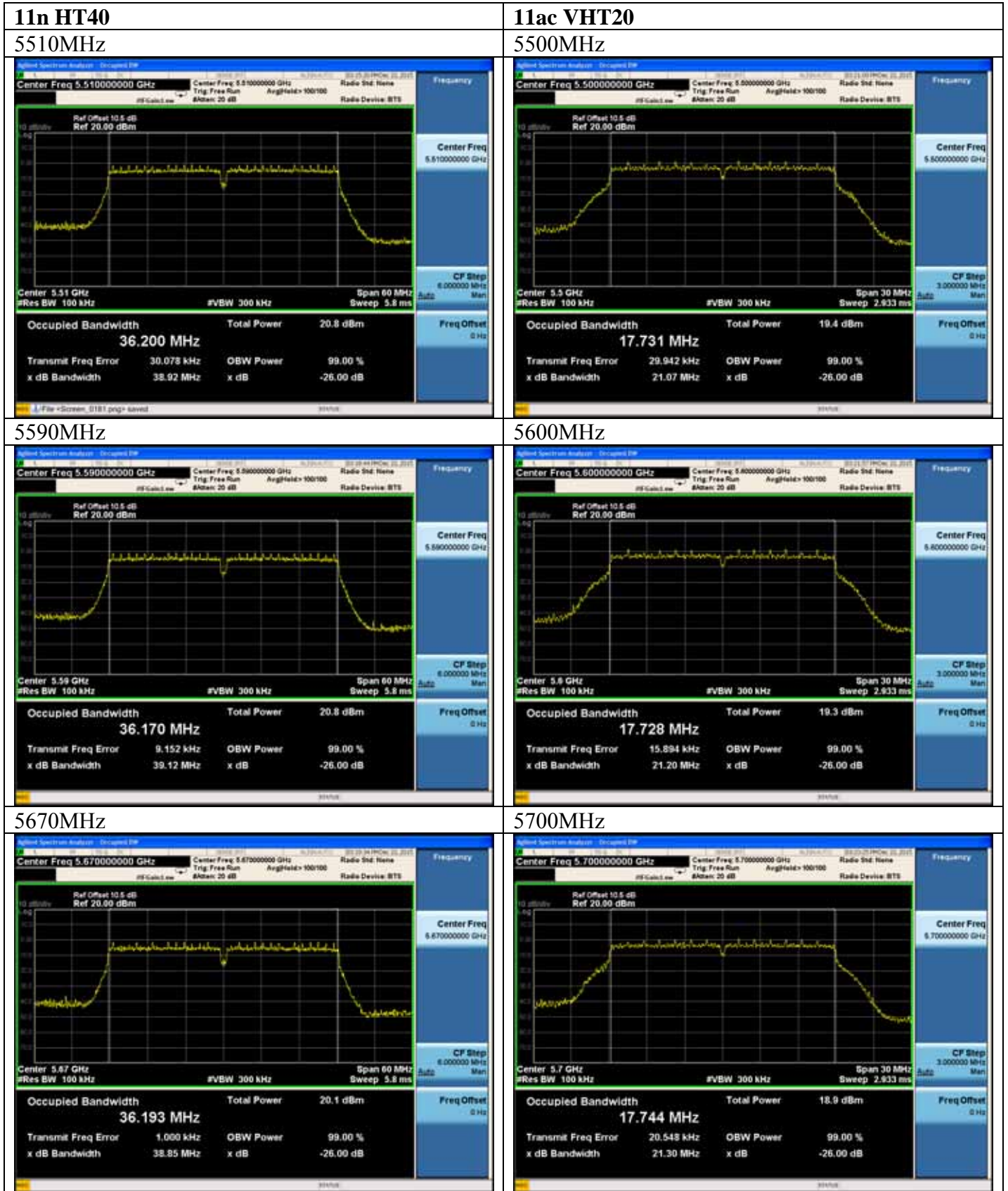


11ac VHT80

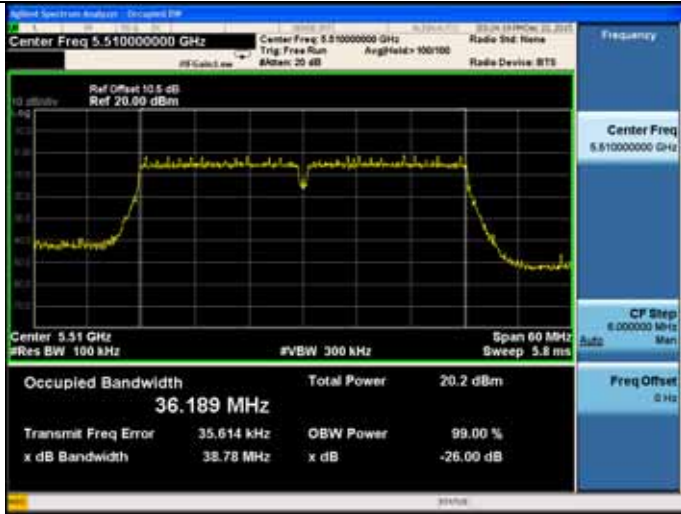
5530MHz



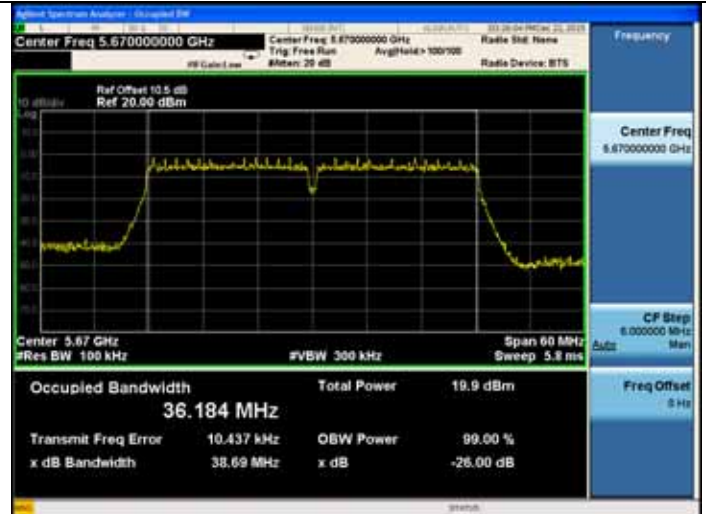
<p>5500-5700MHz Band:</p> <p>26dB bandwidth</p> <p>ANT 1</p>	
<p>11a</p> <p>5500MHz</p>	<p>11n HT20</p> <p>5500MHz</p>
<p>5600MHz</p>	<p>5600MHz</p>
<p>5700MHz</p>	<p>5700MHz</p>



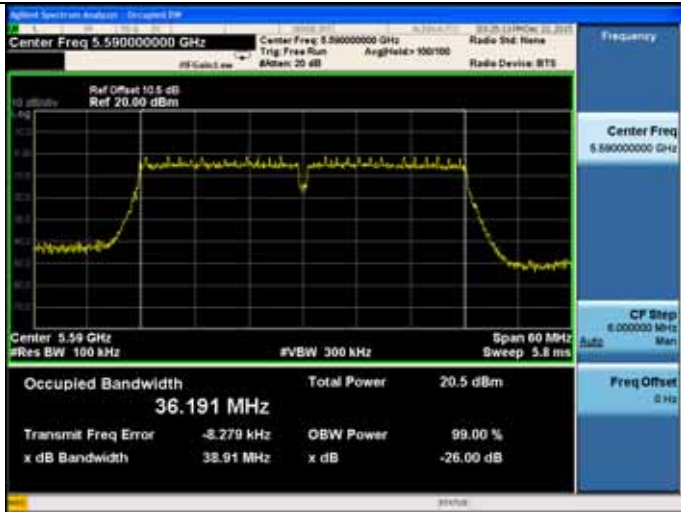
11ac VHT40
5510MHz



5670MHz

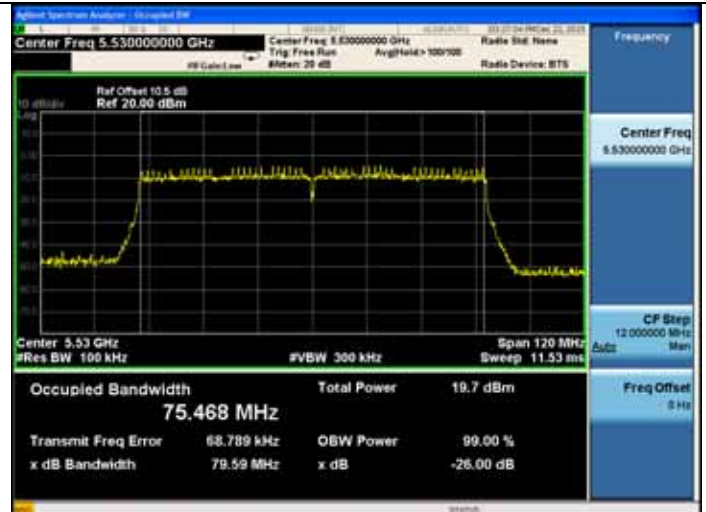


5590MHz



11ac VHT80

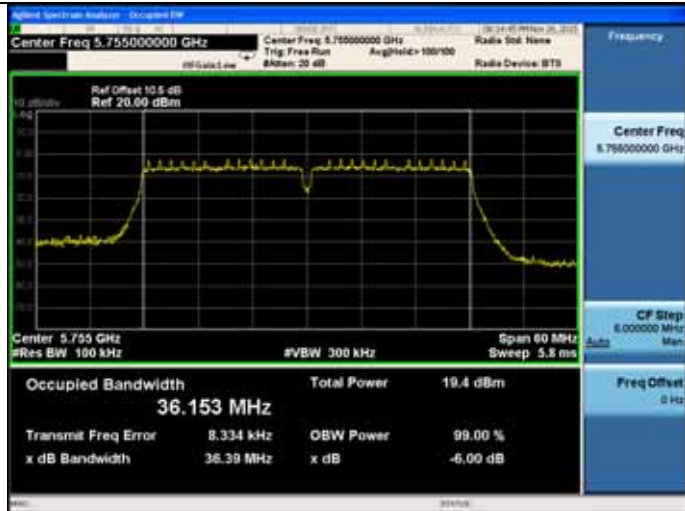
5530MHz



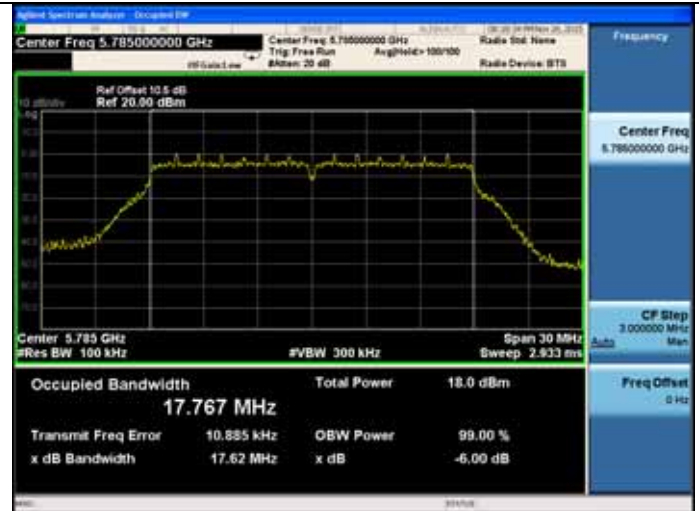
<p>5745-5825MHz Band:</p> <p>6dB bandwidth</p> <p>ANT 0</p>	
<p>11a</p> <p>5745MHz</p>	<p>11n HT20</p> <p>5745MHz</p>
<p>Center Freq 5.745000000 GHz</p> <p>Center Freq 5.745000000 GHz</p> <p>Ref Offset 10.5 dB, Ref 20.00 dBm</p> <p>Center Freq 5.745000000 GHz</p> <p>Center Freq 5.745 GHz</p> <p>Res BW 100 kHz, #VBW 300 kHz, Span 30 MHz, Sweep 2.933 ms</p> <p>CF Step 3.000000 MHz</p> <p>Occupied Bandwidth 16.556 MHz</p> <p>Total Power 18.4 dBm</p> <p>Transmit Freq Error 4.697 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 16.38 MHz</p> <p>x dB -6.00 dB</p>	<p>Center Freq 5.745000000 GHz</p> <p>Center Freq 5.745000000 GHz</p> <p>Ref Offset 10.5 dB, Ref 20.00 dBm</p> <p>Center Freq 5.745000000 GHz</p> <p>Center Freq 5.745 GHz</p> <p>Res BW 100 kHz, #VBW 300 kHz, Span 30 MHz, Sweep 2.933 ms</p> <p>CF Step 3.000000 MHz</p> <p>Occupied Bandwidth 17.752 MHz</p> <p>Total Power 18.6 dBm</p> <p>Transmit Freq Error 14.398 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 17.61 MHz</p> <p>x dB -6.00 dB</p>
<p>5785MHz</p>	<p>5785MHz</p>
<p>Center Freq 5.785000000 GHz</p> <p>Center Freq 5.785000000 GHz</p> <p>Ref Offset 10.5 dB, Ref 20.00 dBm</p> <p>Center Freq 5.785000000 GHz</p> <p>Center Freq 5.785 GHz</p> <p>Res BW 100 kHz, #VBW 300 kHz, Span 30 MHz, Sweep 2.933 ms</p> <p>CF Step 3.000000 MHz</p> <p>Occupied Bandwidth 16.563 MHz</p> <p>Total Power 17.7 dBm</p> <p>Transmit Freq Error 5.883 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 16.36 MHz</p> <p>x dB -6.00 dB</p>	<p>Center Freq 5.785000000 GHz</p> <p>Center Freq 5.785000000 GHz</p> <p>Ref Offset 10.5 dB, Ref 20.00 dBm</p> <p>Center Freq 5.785000000 GHz</p> <p>Center Freq 5.785 GHz</p> <p>Res BW 100 kHz, #VBW 300 kHz, Span 30 MHz, Sweep 2.933 ms</p> <p>CF Step 3.000000 MHz</p> <p>Occupied Bandwidth 17.754 MHz</p> <p>Total Power 18.2 dBm</p> <p>Transmit Freq Error 9.273 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 17.64 MHz</p> <p>x dB -6.00 dB</p>
<p>5825MHz</p>	<p>5825MHz</p>
<p>Center Freq 5.825000000 GHz</p> <p>Center Freq 5.825000000 GHz</p> <p>Ref Offset 10.5 dB, Ref 20.00 dBm</p> <p>Center Freq 5.825000000 GHz</p> <p>Center Freq 5.825 GHz</p> <p>Res BW 100 kHz, #VBW 300 kHz, Span 30 MHz, Sweep 2.933 ms</p> <p>CF Step 3.000000 MHz</p> <p>Occupied Bandwidth 16.567 MHz</p> <p>Total Power 18.1 dBm</p> <p>Transmit Freq Error 9.267 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 16.38 MHz</p> <p>x dB -6.00 dB</p>	<p>Center Freq 5.825000000 GHz</p> <p>Center Freq 5.825000000 GHz</p> <p>Ref Offset 10.5 dB, Ref 20.00 dBm</p> <p>Center Freq 5.825000000 GHz</p> <p>Center Freq 5.825 GHz</p> <p>Res BW 100 kHz, #VBW 300 kHz, Span 30 MHz, Sweep 2.933 ms</p> <p>CF Step 3.000000 MHz</p> <p>Occupied Bandwidth 17.761 MHz</p> <p>Total Power 18.2 dBm</p> <p>Transmit Freq Error 8.736 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 17.63 MHz</p> <p>x dB -6.00 dB</p>

11n HT40

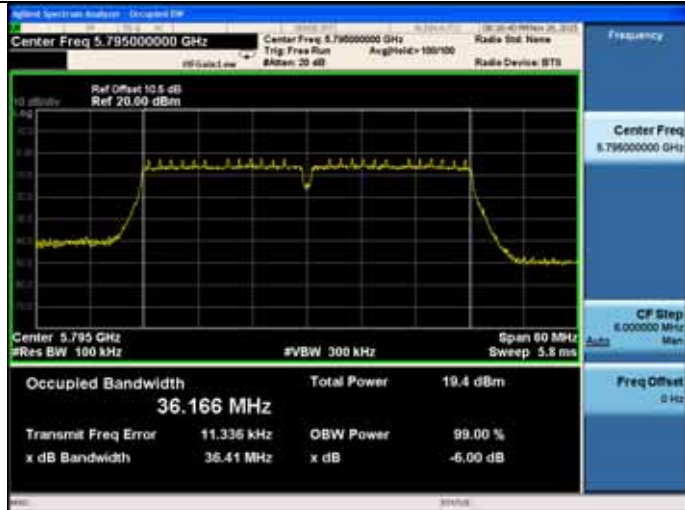
5755MHz



5785MHz



5795MHz

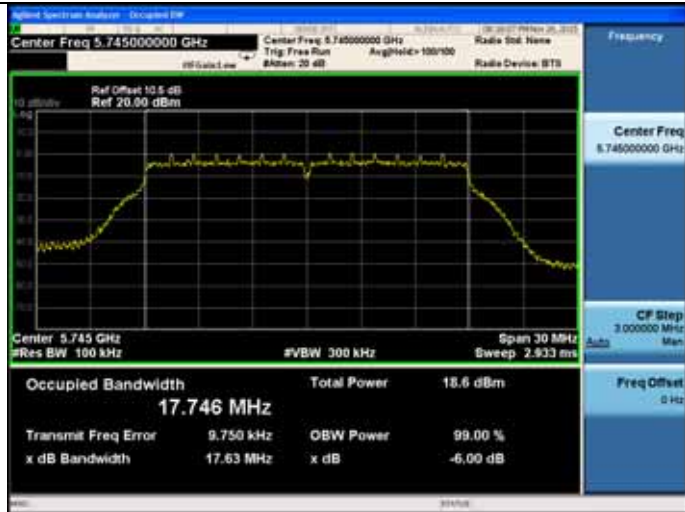


5825MHz



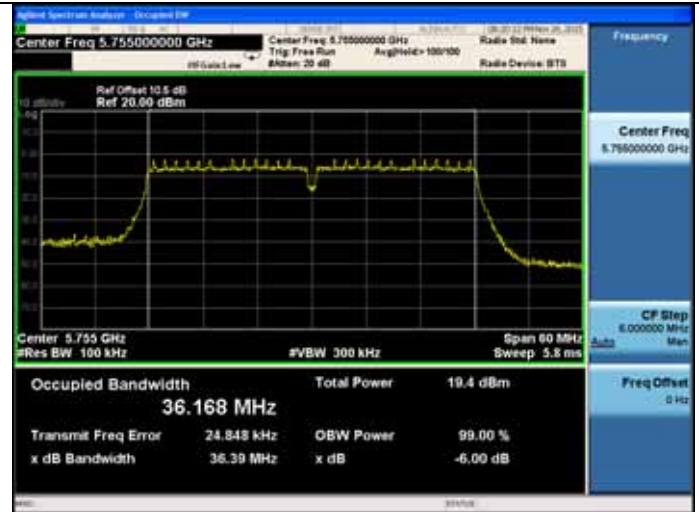
11ac VHT20

5745MHz

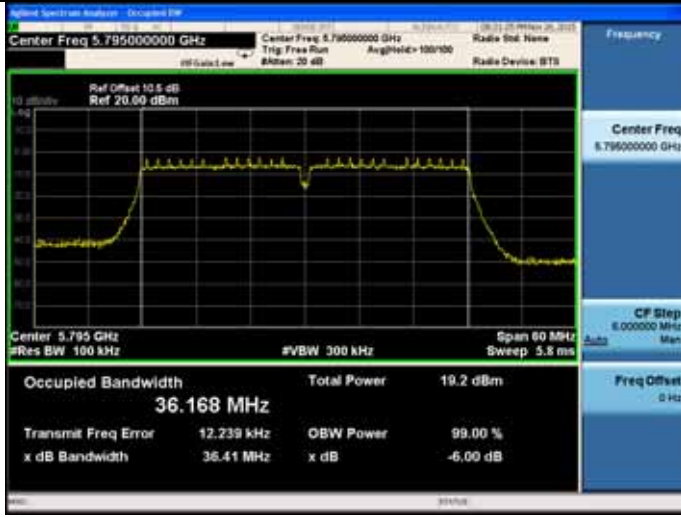


11ac VHT40

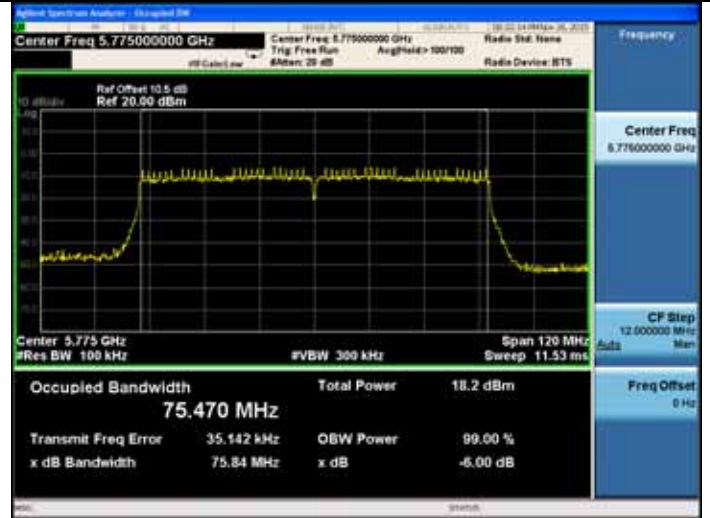
5755MHz



5795MHz



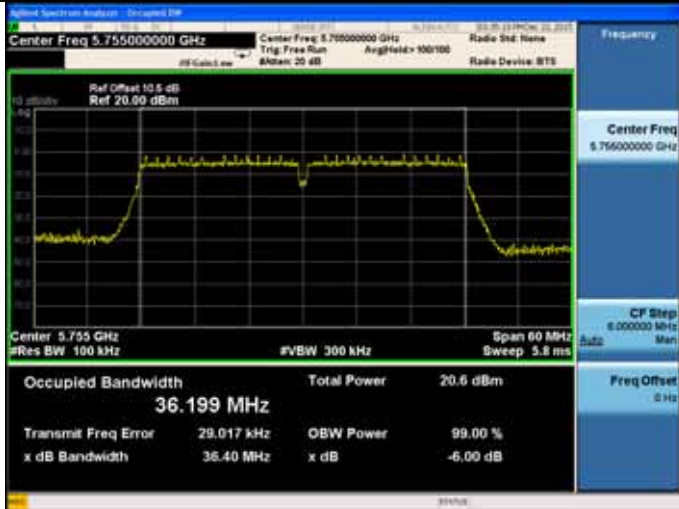
11ac VHT80
5775MHz



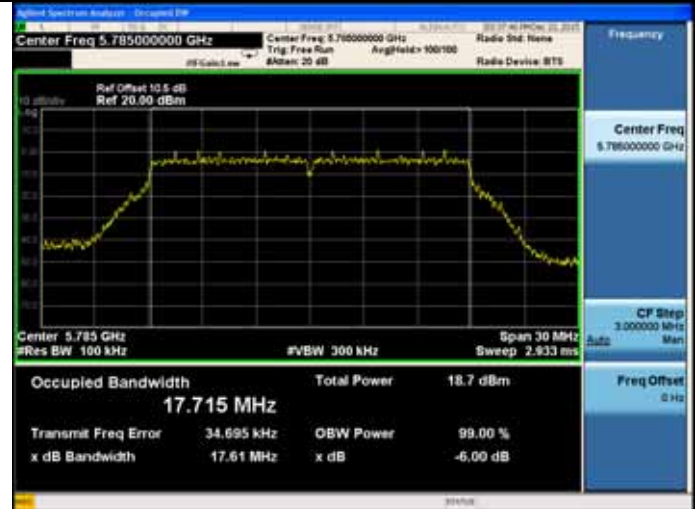
<p>5745-5825MHz Band:</p> <p>6dB bandwidth</p> <p>ANT 1</p>	
<p>11a</p> <p>5745MHz</p>	<p>11n HT20</p> <p>5745MHz</p>
<p>5785MHz</p>	<p>5785MHz</p>
<p>5825MHz</p>	<p>5825MHz</p>

11n HT40

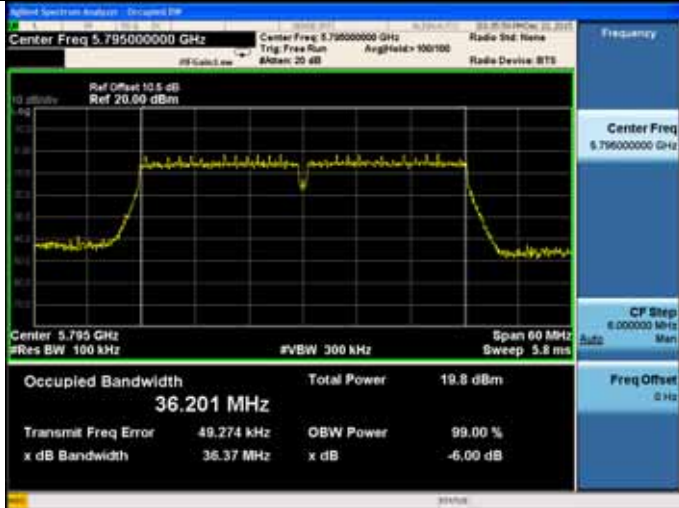
5755MHz



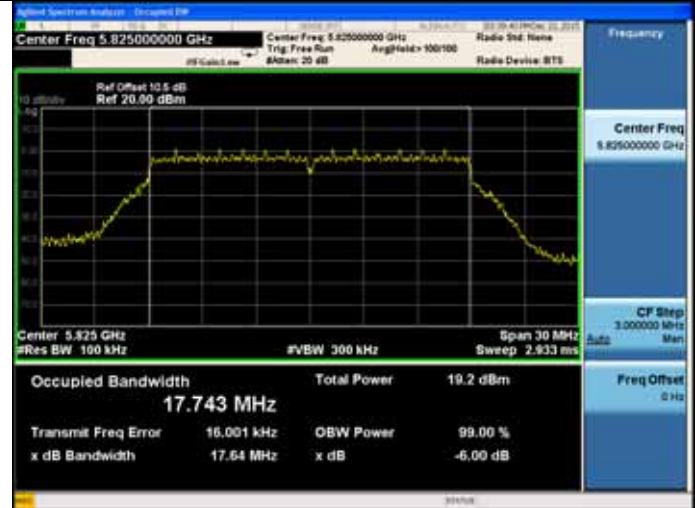
5785MHz



5795MHz

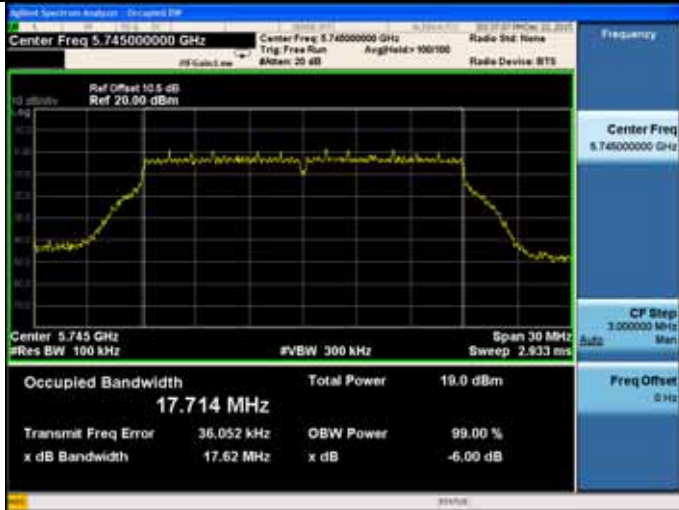


5825MHz



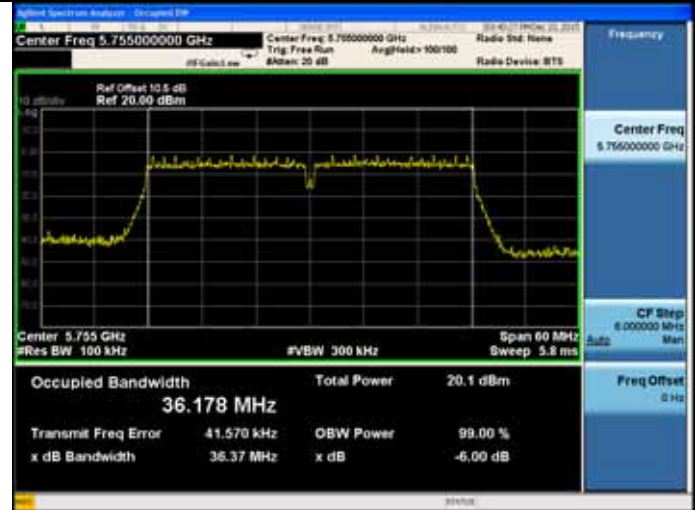
11ac VHT20

5745MHz

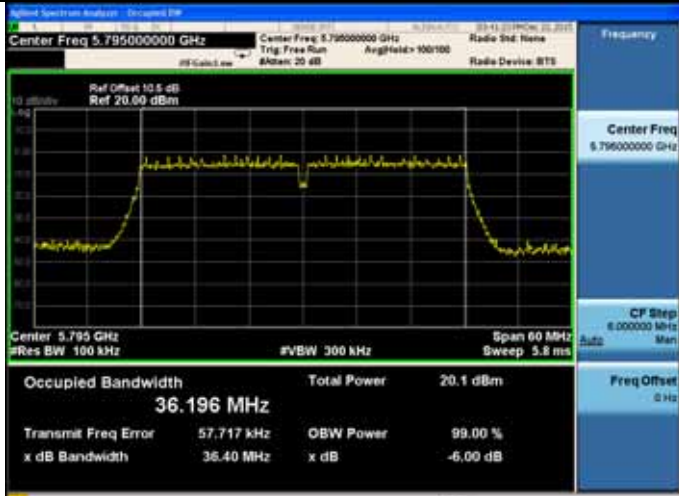


11ac VHT40

5755MHz

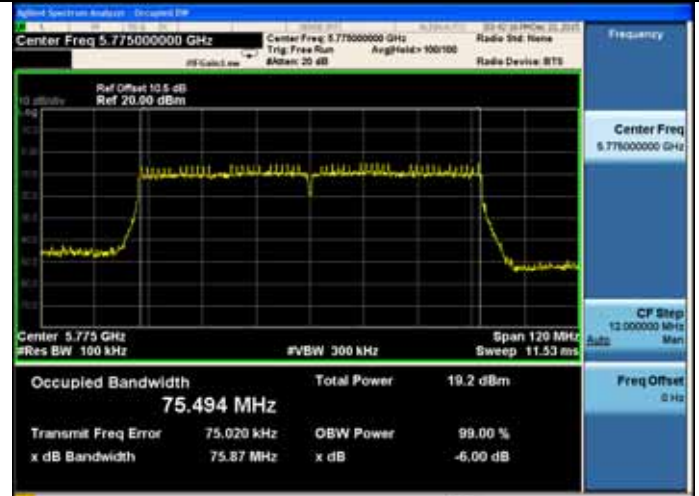


5795MHz



11ac VHT80

5775MHz



5745-5825MHz Band:

26dB bandwidth

ANT 0

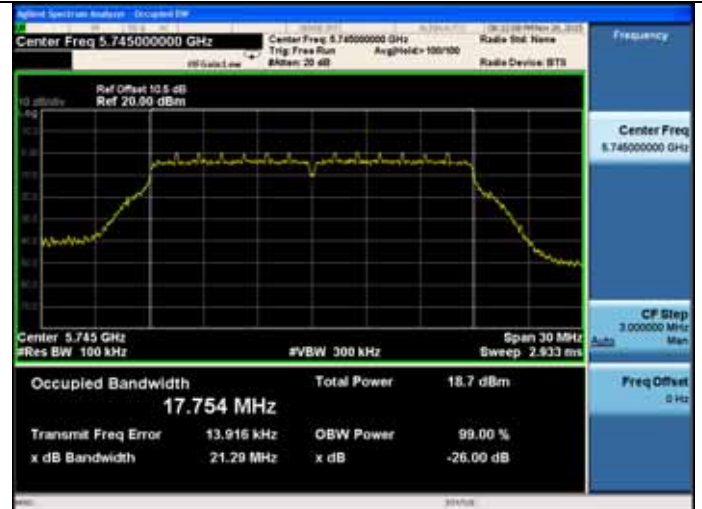
11a

5745MHz

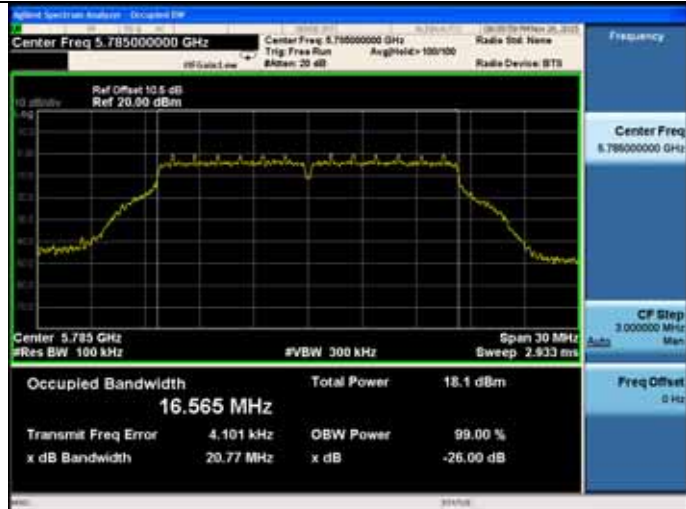


11n HT20

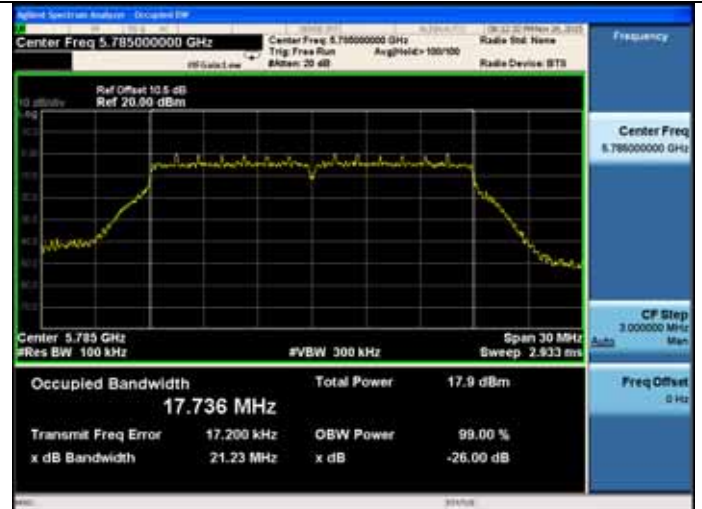
5745MHz



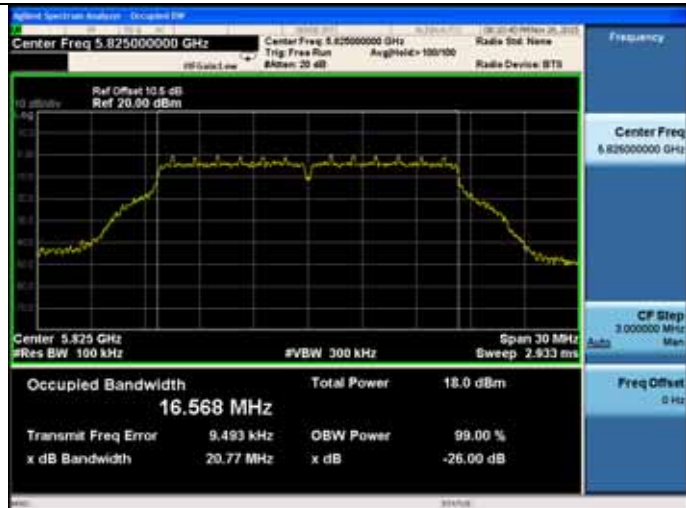
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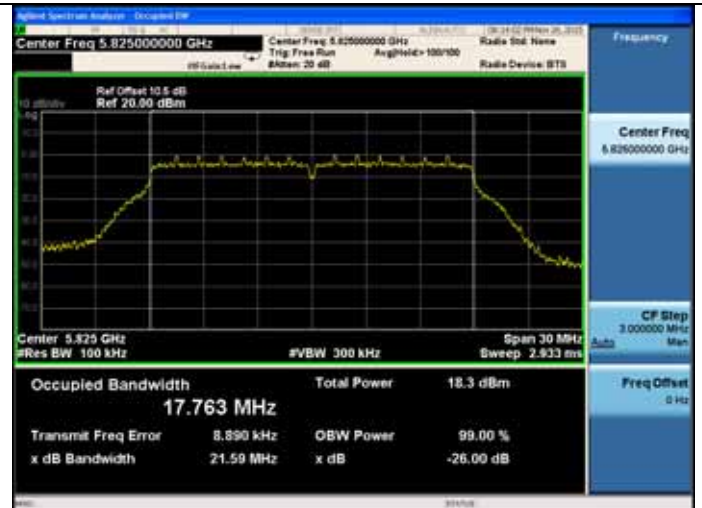
5785MHz



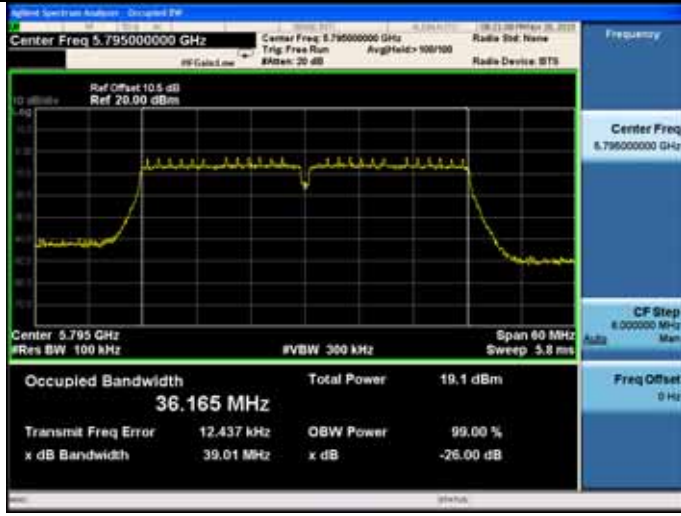
5825MHz



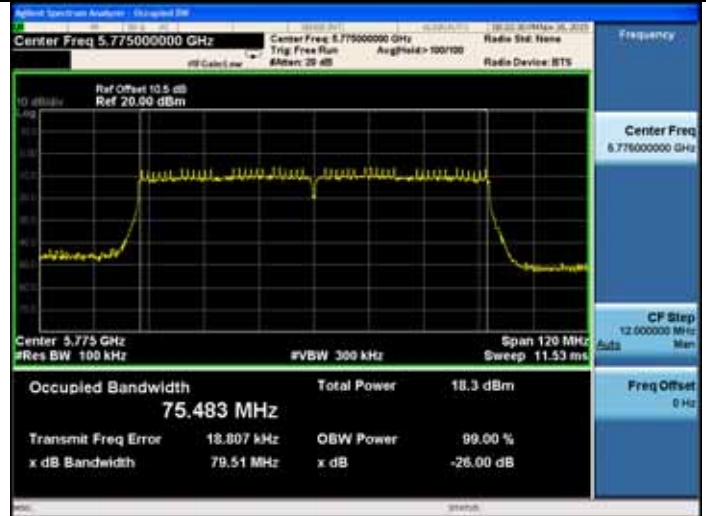
5825MHz



5795MHz



11ac VHT80
5775MHz



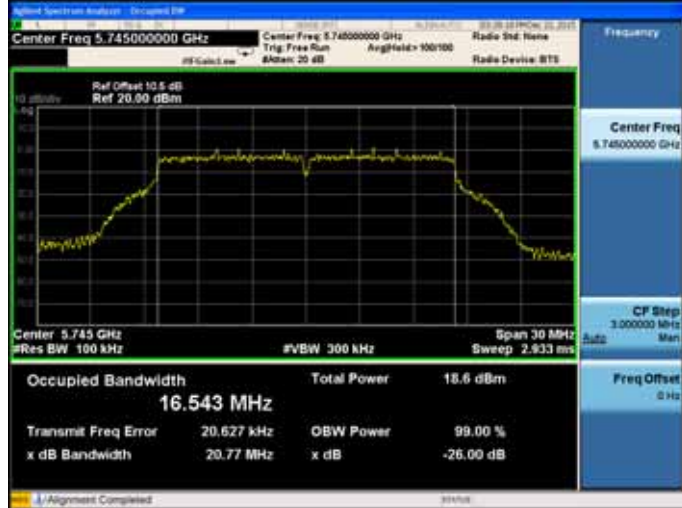
5745-5825MHz Band:

26dB bandwidth

ANT 1

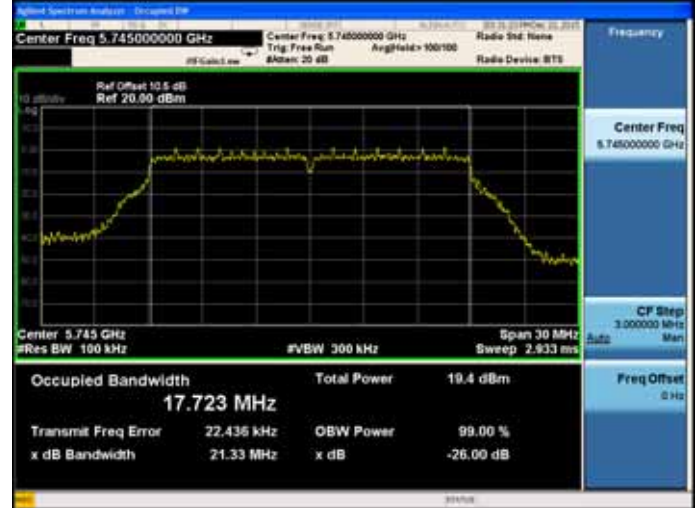
11a

5745MHz

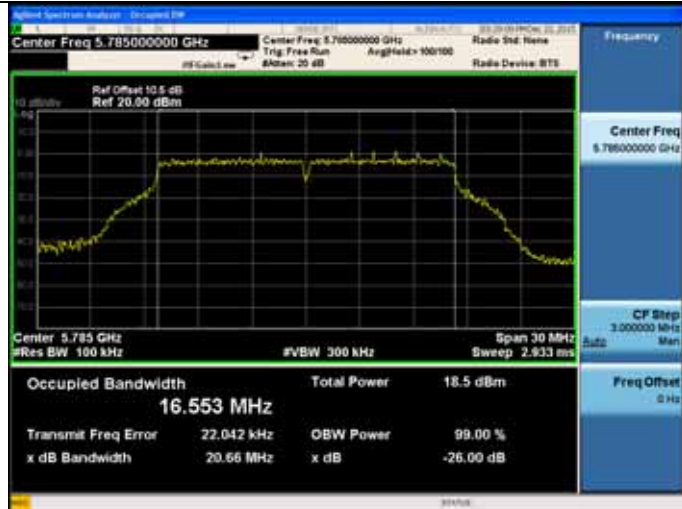


11n HT20

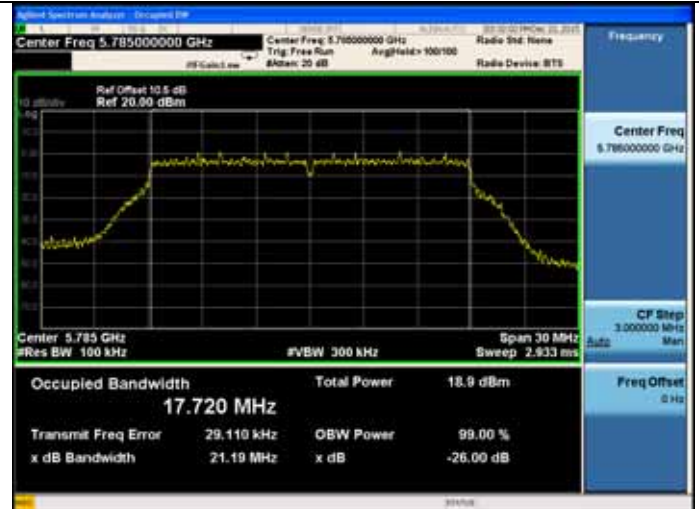
5745MHz



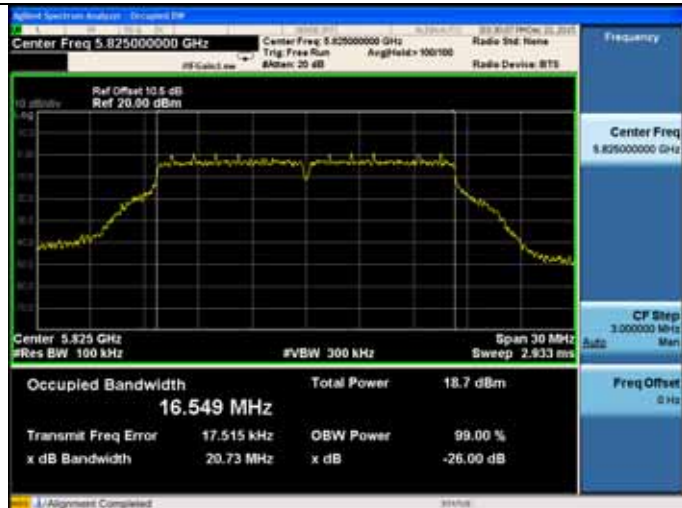
5785MHz



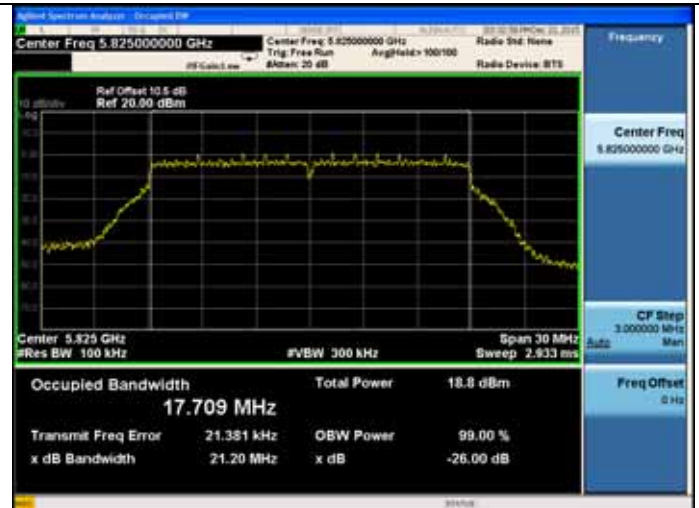
5785MHz



5825MHz

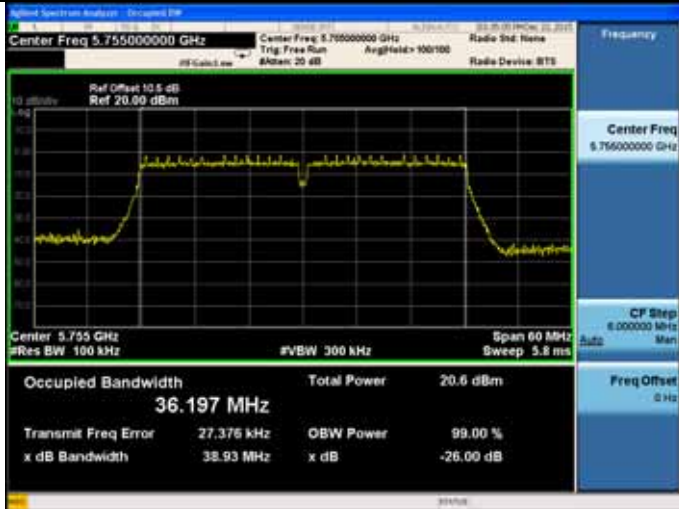


5825MHz

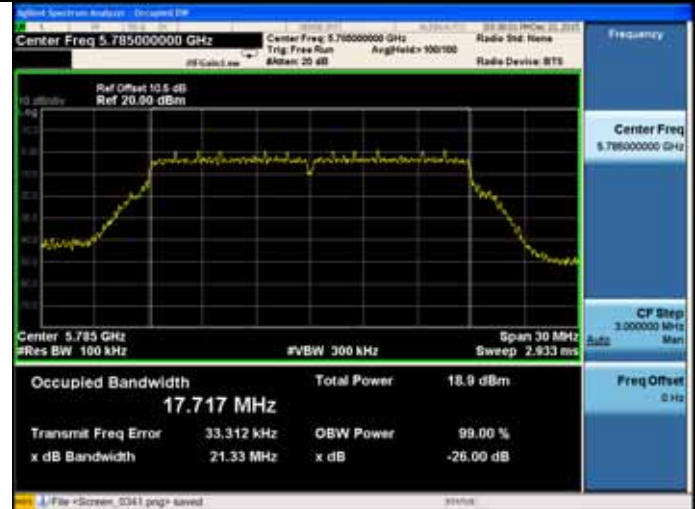


11n HT40

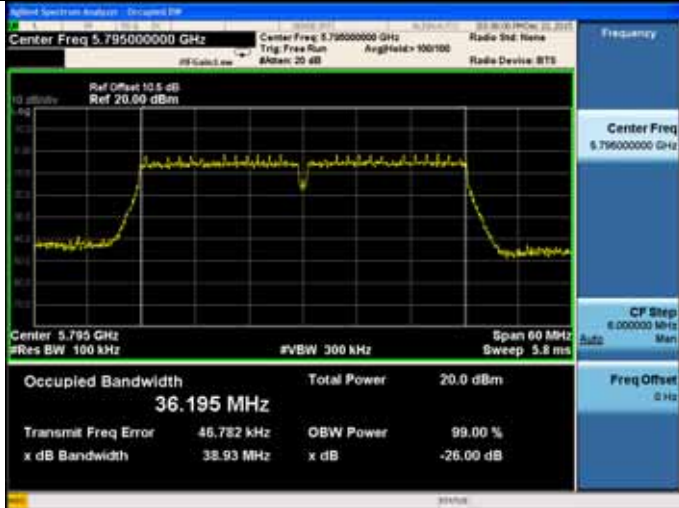
5755MHz



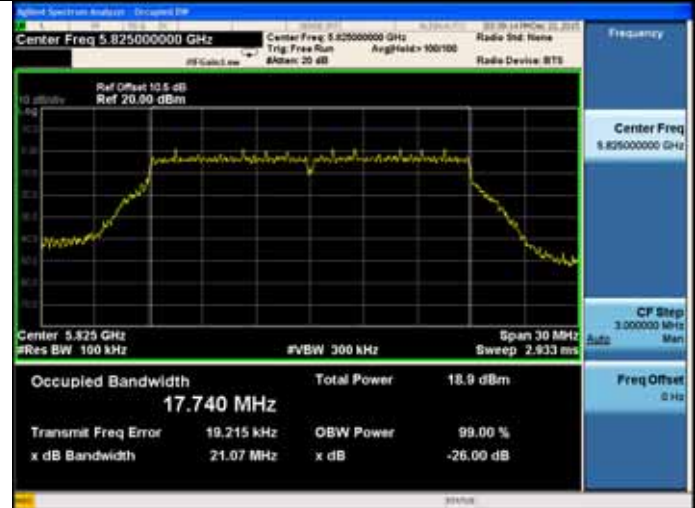
5785MHz



5795MHz

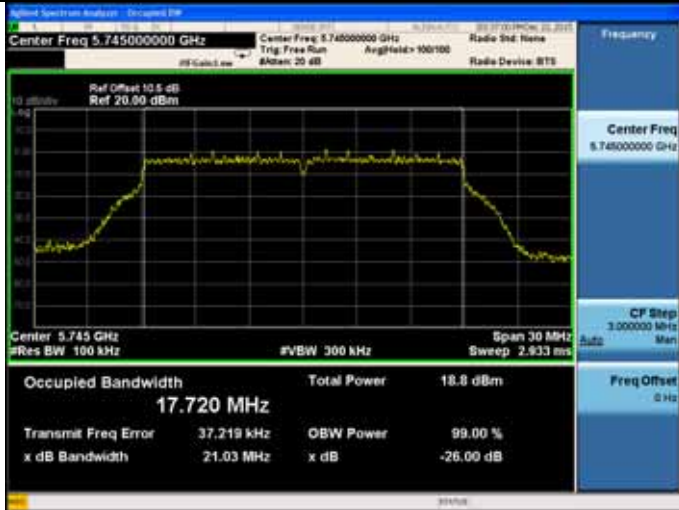


5825MHz



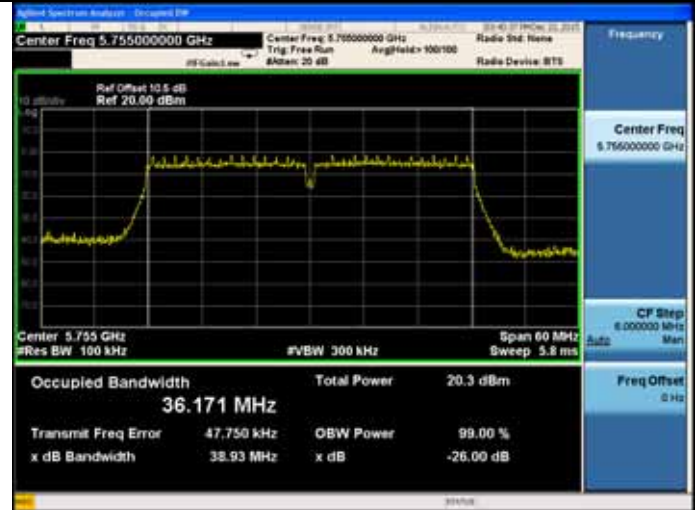
11ac VHT20

5745MHz

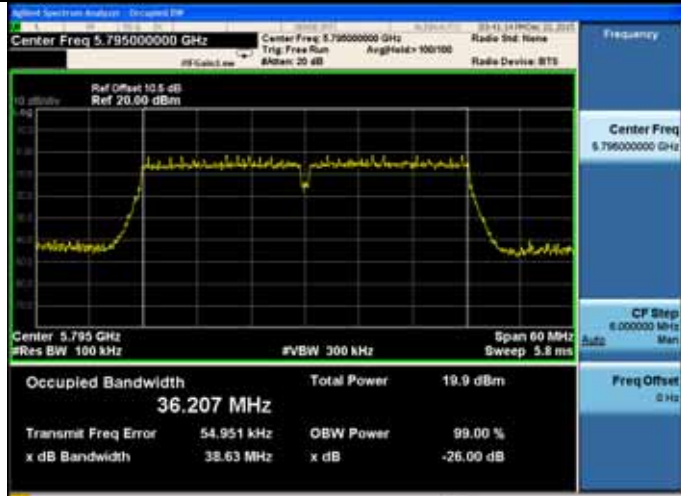


11ac VHT40

5755MHz



5795MHz



11ac VHT80

5775MHz

