

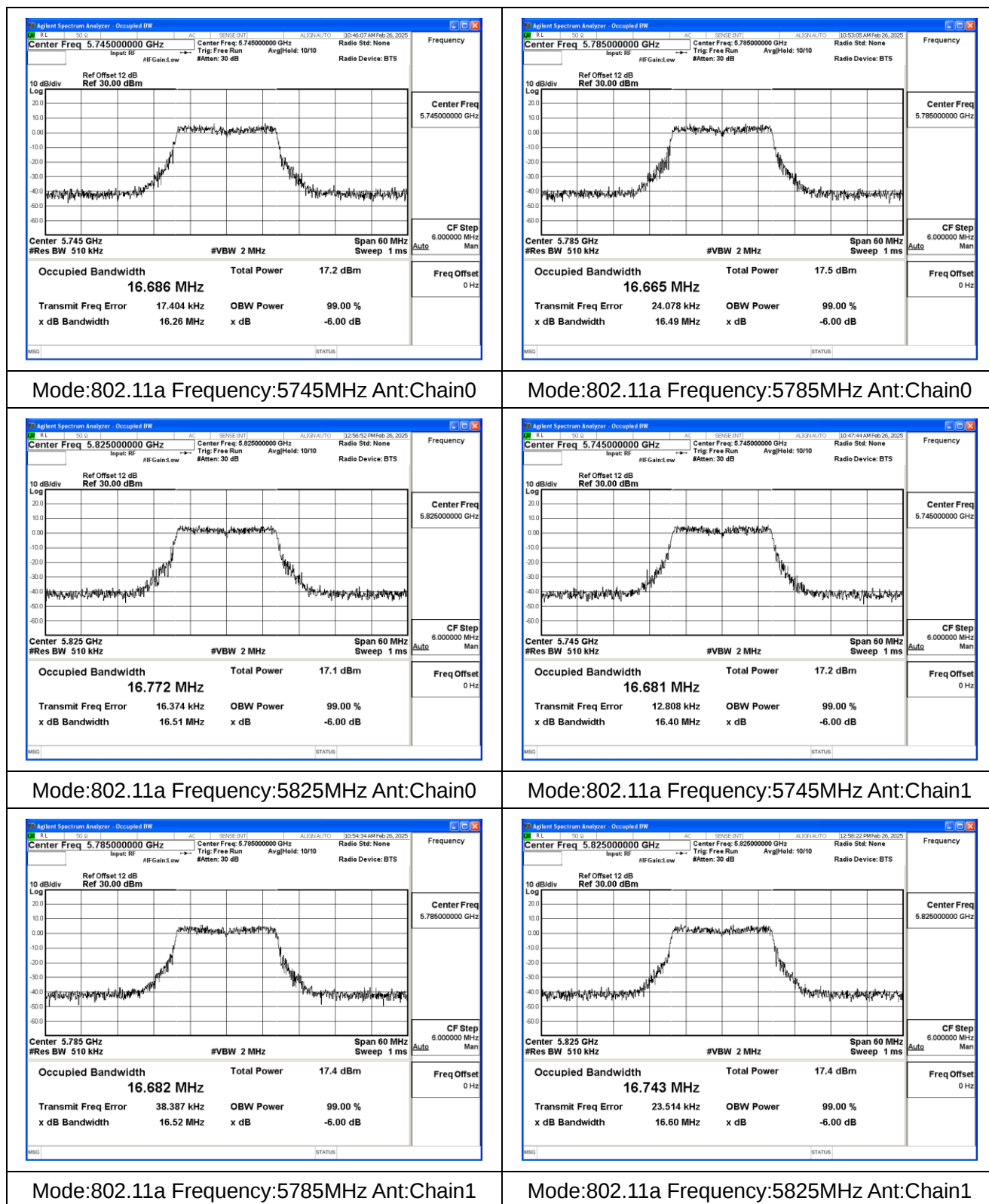


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Test Report No.: PSU-NQN2502170213RF010

UNII-3

Test Mode: 802.11a

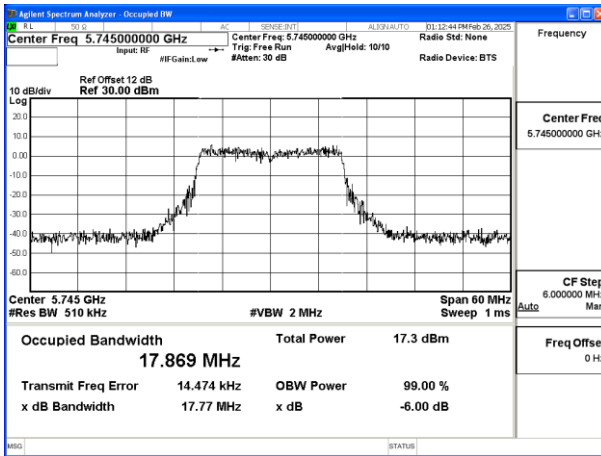




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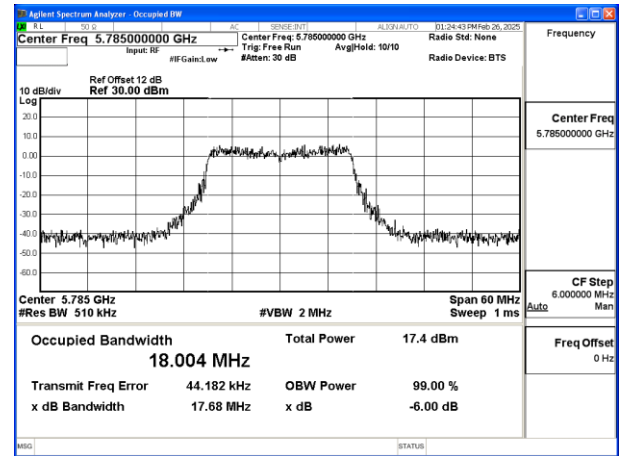
Test Report No.: PSU-NQN2502170213RF010

Test Mode: 802.11n HT20



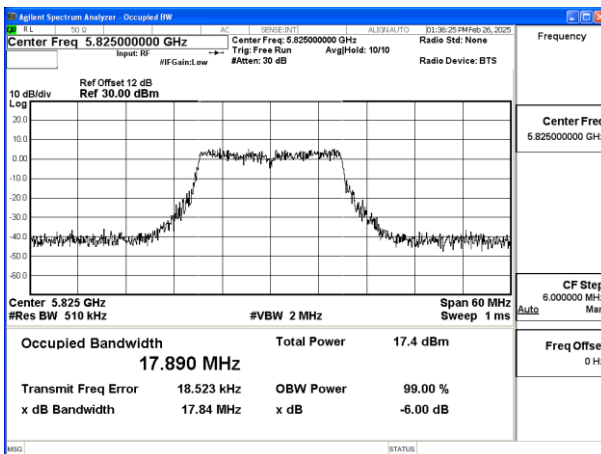
Mode:802.11n HT20 Frequency:5745MHz

Ant:Chain0



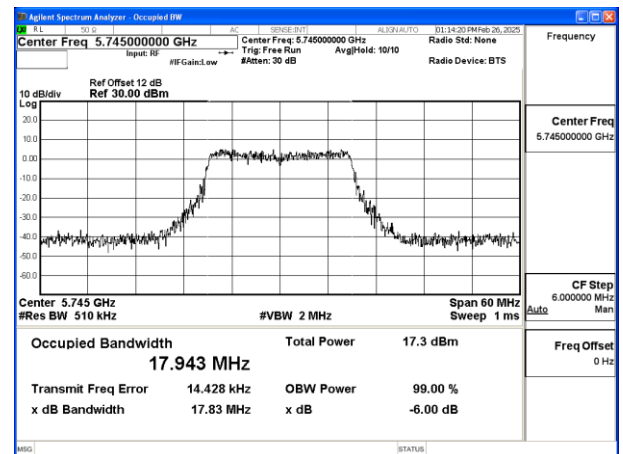
Mode:802.11n HT20 Frequency:5785MHz

Ant:Chain0



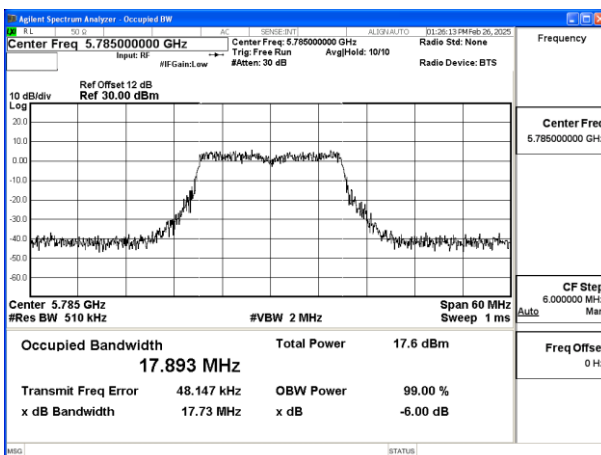
Mode:802.11n HT20 Frequency:5825MHz

Ant:Chain0

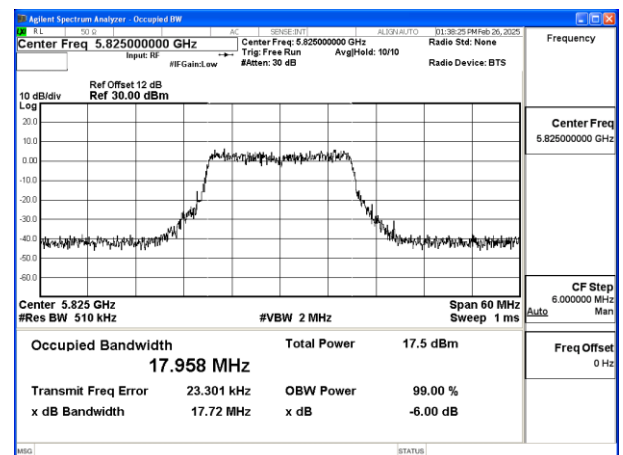


Mode:802.11n HT20 Frequency:5745MHz

Ant:Chain1



Mode:802.11n HT20 Frequency:5785MHz



Mode:802.11n HT20 Frequency:5825MHz

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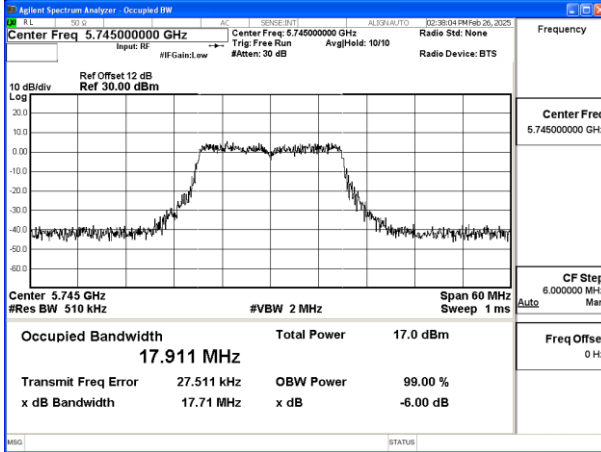
Ant:Chain1	Ant:Chain1
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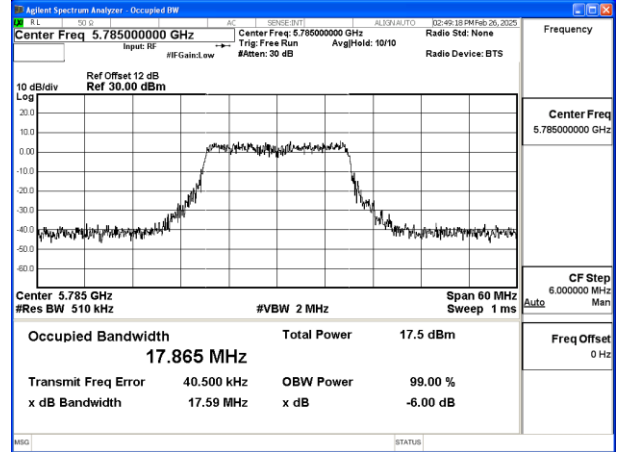
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Test Report No.: PSU-NQN2502170213RF010

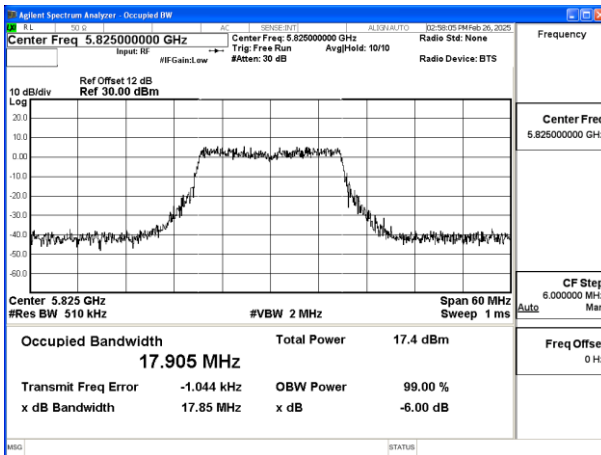
Test Mode: 802.11ac VHT20



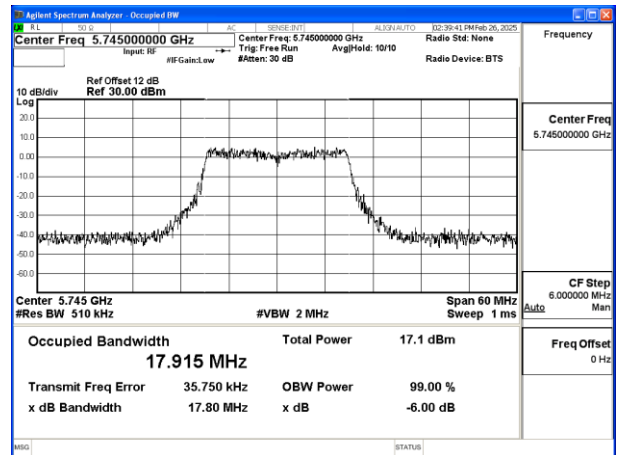
Mode:802.11ac VHT20 Frequency:5745MHz
Ant:Chain0



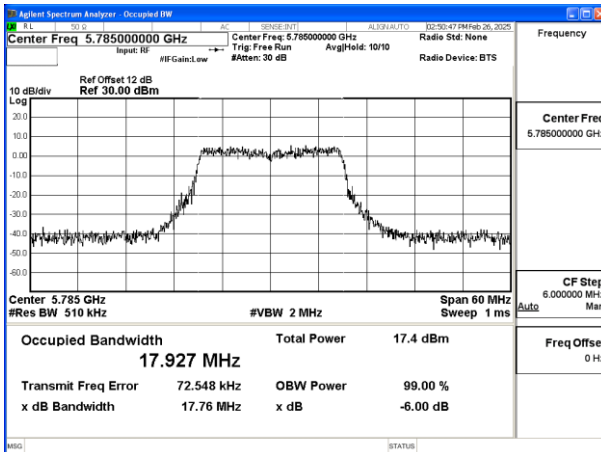
Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain0



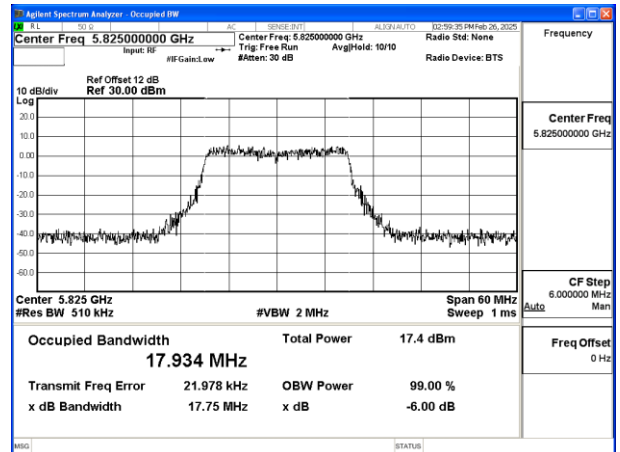
Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5745MHz
Ant:Chain1



Mode:802.11ac VHT20 Frequency:5785MHz



Mode:802.11ac VHT20 Frequency:5825MHz

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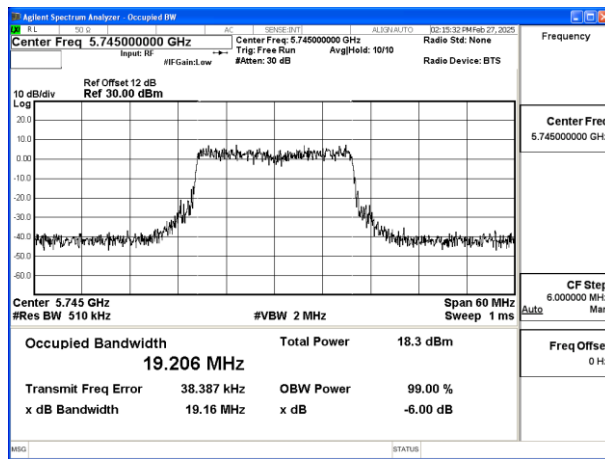
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Test Report No.: PSU-NQN2502170213RF010

Ant:Chain1

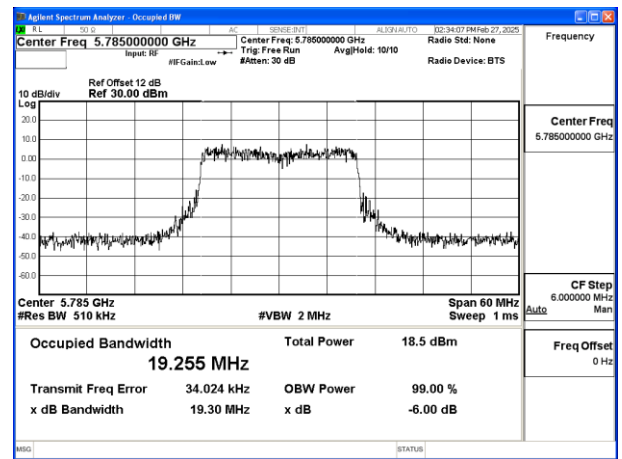
Ant:Chain1

Test Mode: 802.11ax HE20



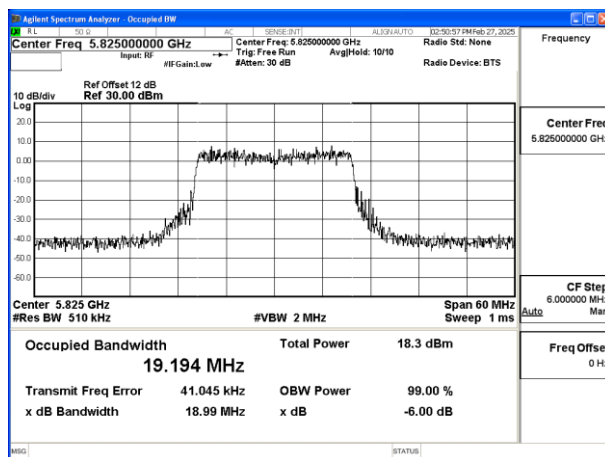
Mode:802.11ax HE20 Frequency:5745MHz

Ant:Chain0



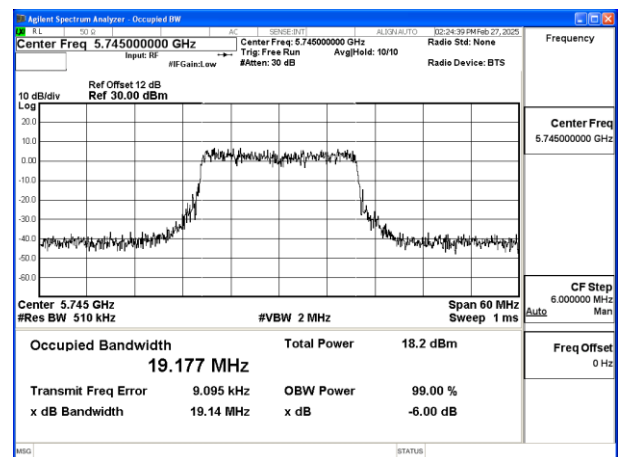
Mode:802.11ax HE20 Frequency:5785MHz

Ant:Chain0



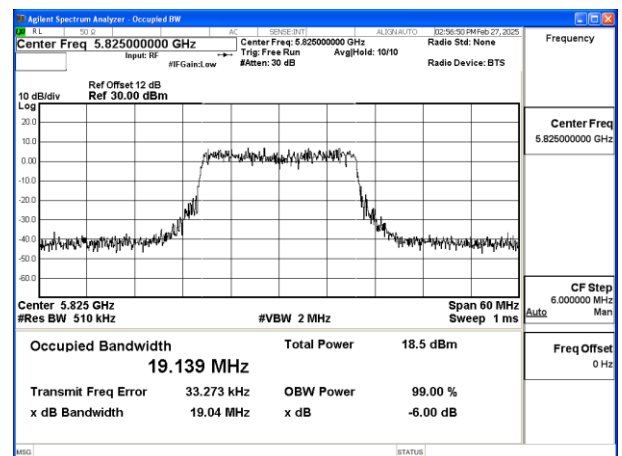
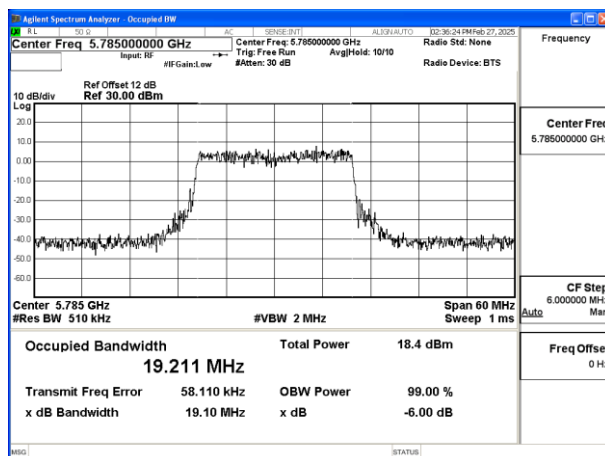
Mode:802.11ax HE20 Frequency:5825MHz

Ant:Chain0



Mode:802.11ax HE20 Frequency:5745MHz

Ant:Chain1

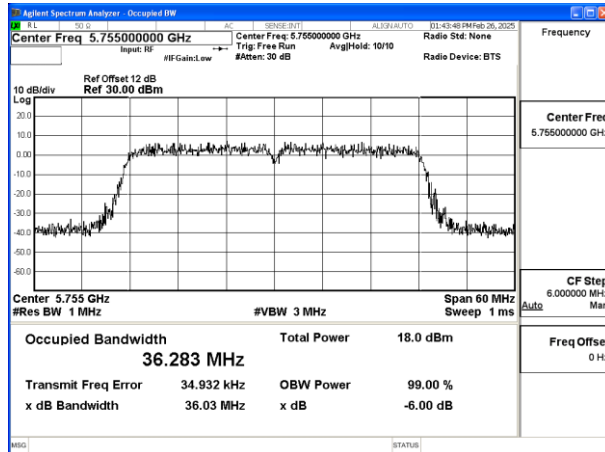




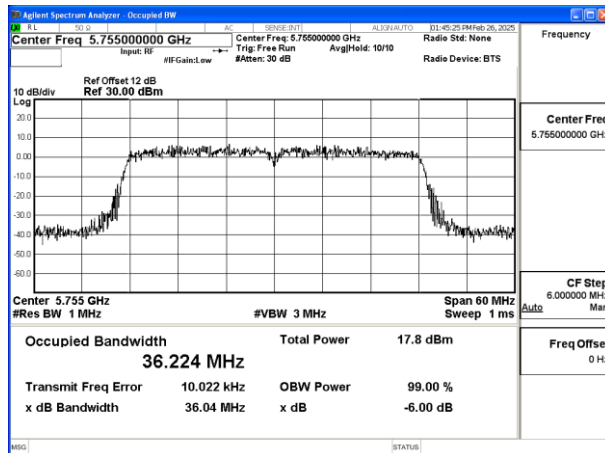
Mode:802.11ax HE20 Frequency:5785MHz
Ant:Chain1

Mode:802.11ax HE20 Frequency:5825MHz
Ant:Chain1

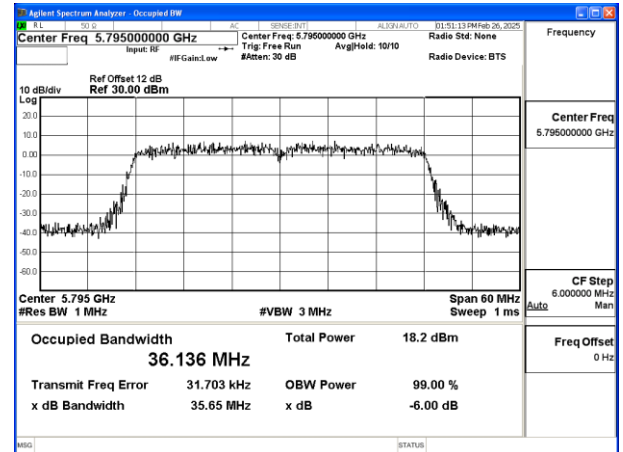
Test Mode: 802.11n HT40



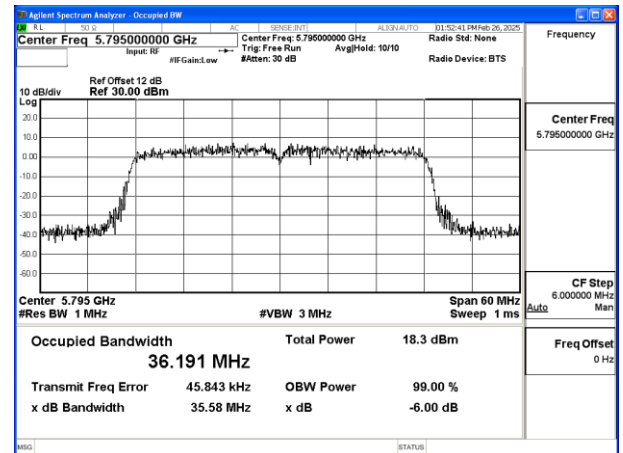
Mode:802.11n HT40 Frequency:5755MHz
Ant:Chain0



Mode:802.11n HT40 Frequency:5755MHz
Ant:Chain1



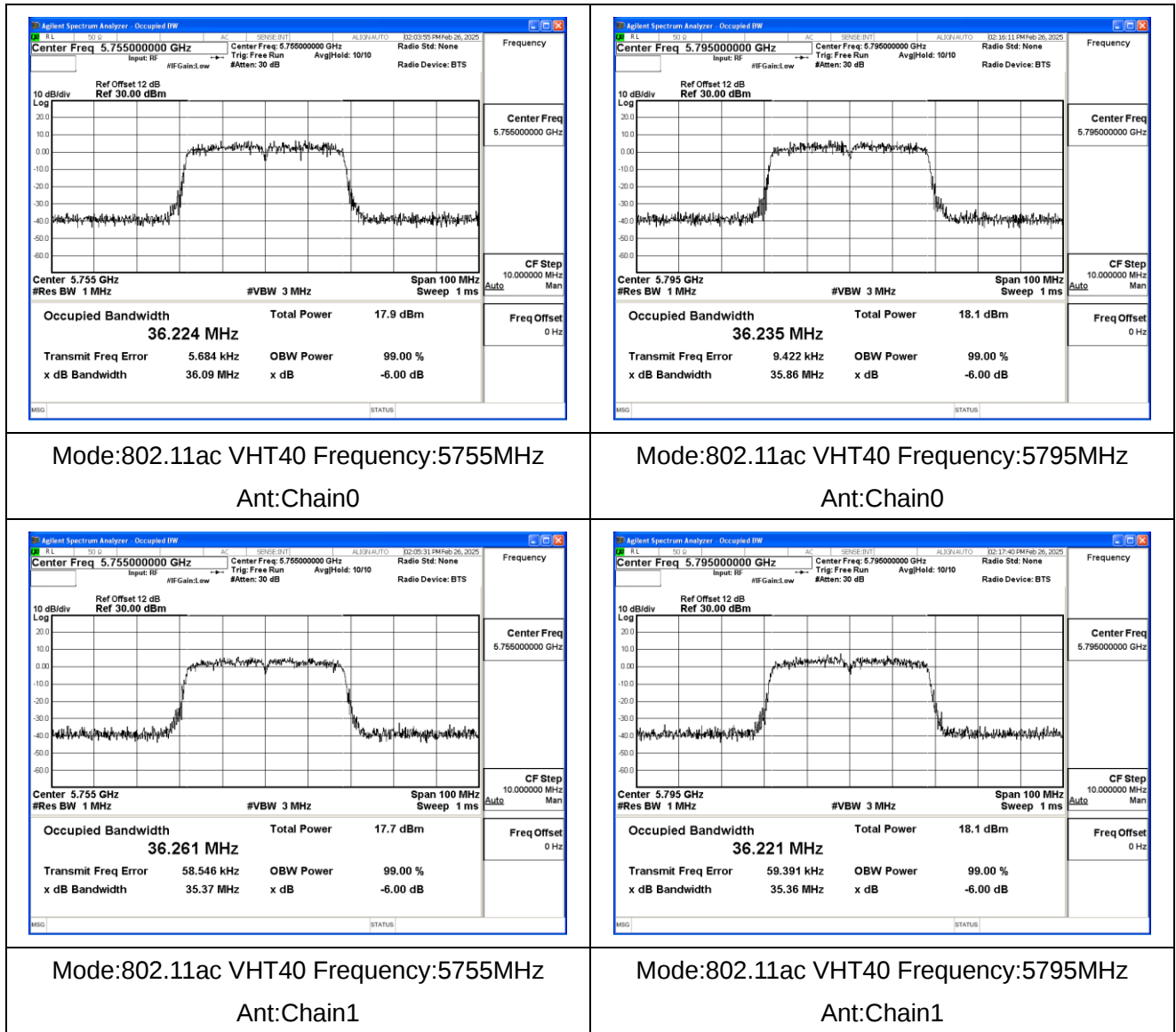
Mode:802.11n HT40 Frequency:5795MHz
Ant:Chain0



Mode:802.11n HT40 Frequency:5795MHz
Ant:Chain1

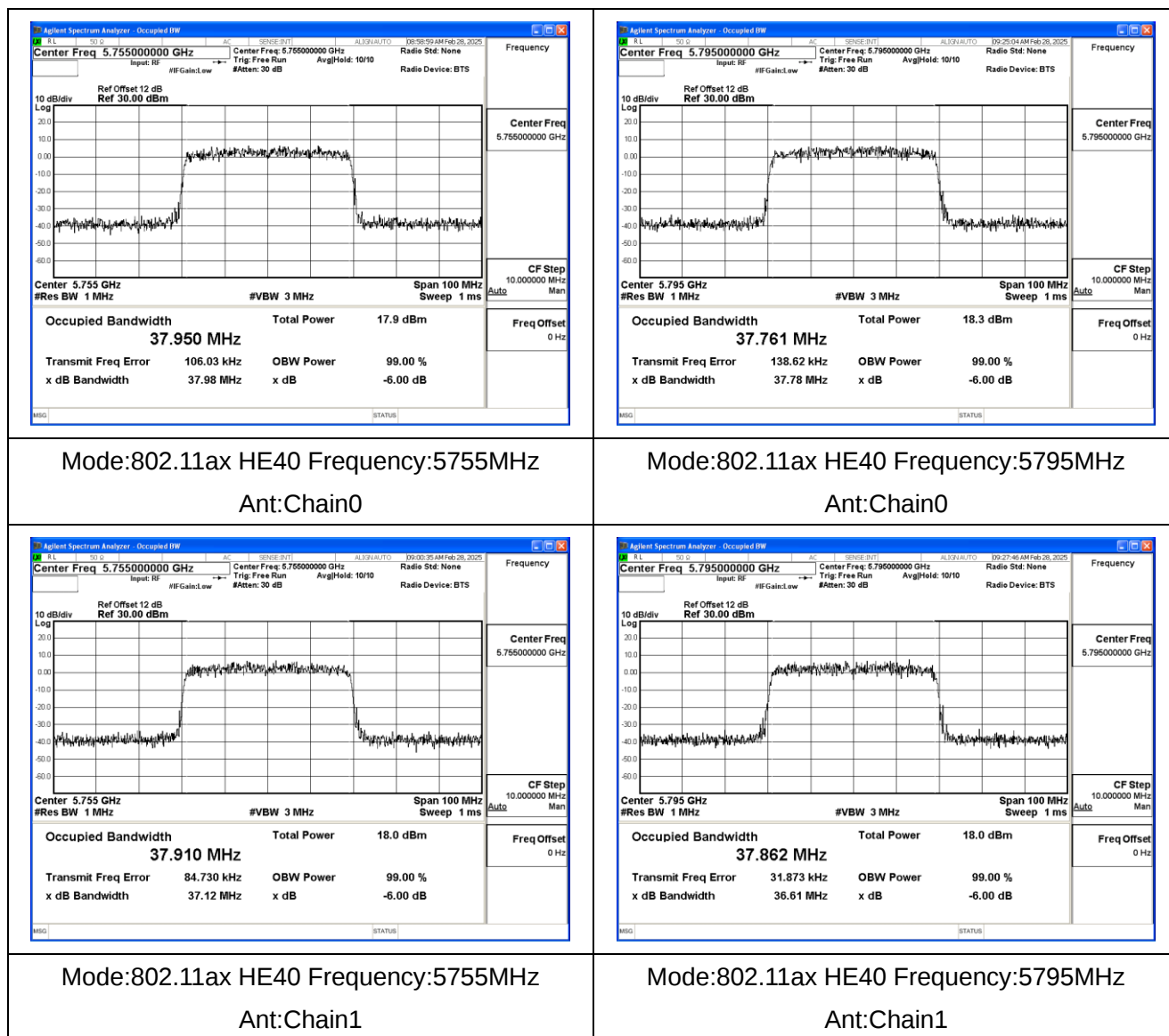


Test Mode: 802.11ac VHT40



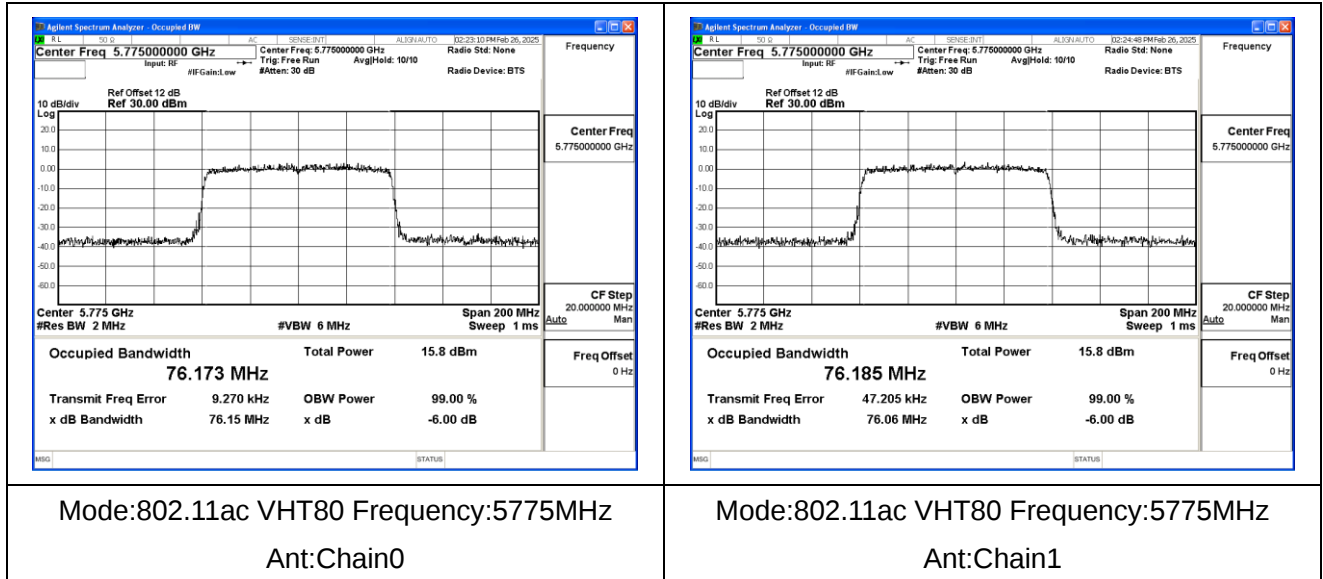


Test Mode: 802.11ax HE40

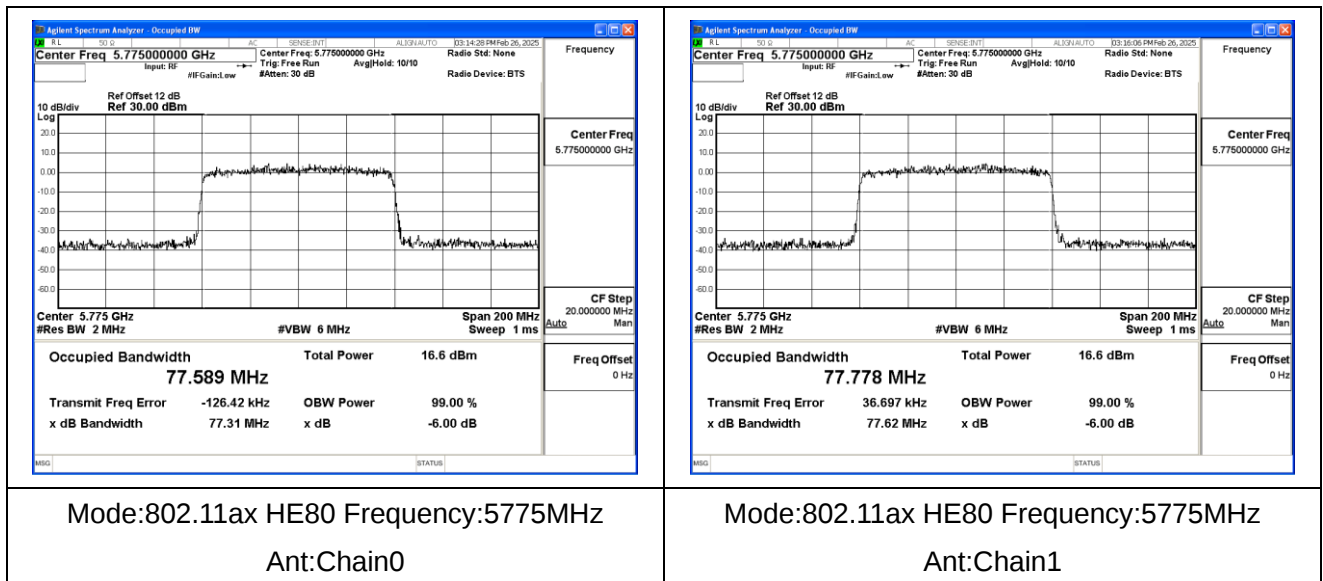




Test Mode: 802.11ac VHT80



Test Mode: 802.11ax HE80



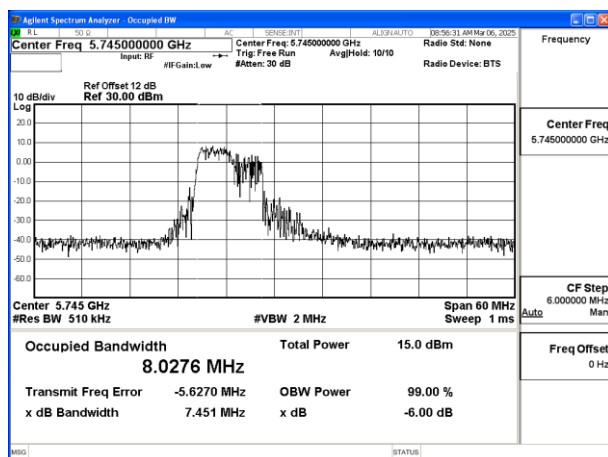


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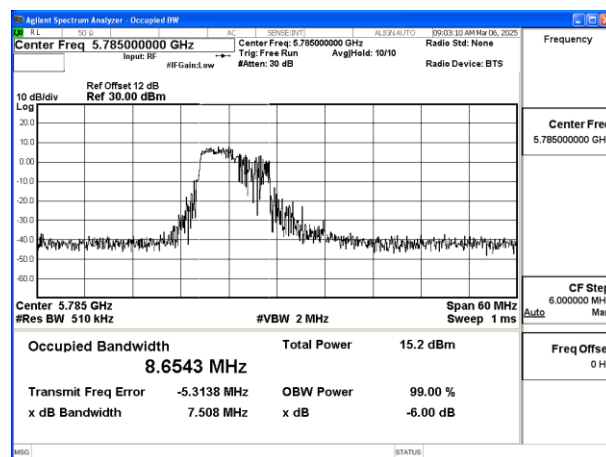
RU

Test Mode: 802.11ax HE20 26T



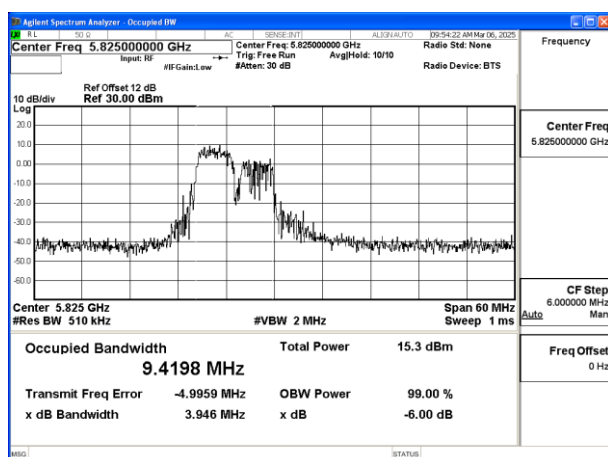
Mode:802.11ax HE20 26T Frequency:5745MHz

Ant:Chain0



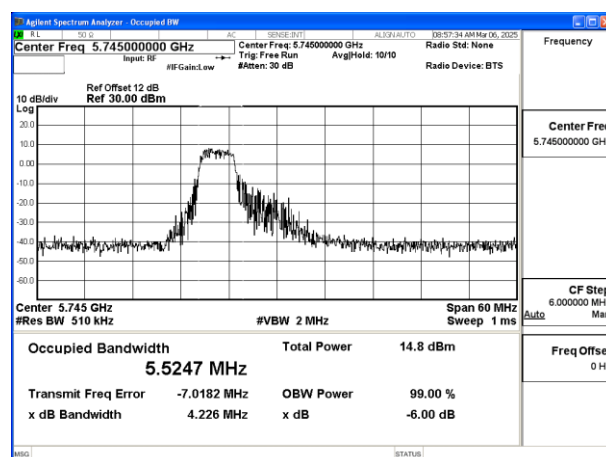
Mode:802.11ax HE20 26T Frequency:5785MHz

Ant:Chain0



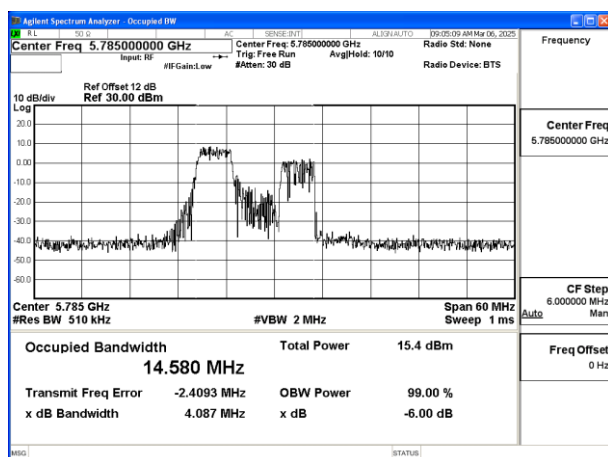
Mode:802.11ax HE20 26T Frequency:5825MHz

Ant:Chain0

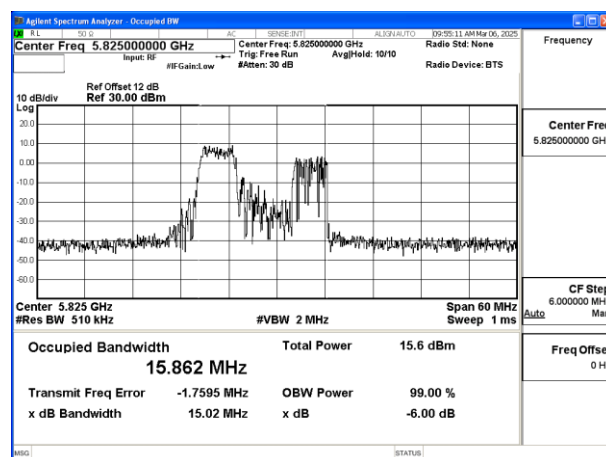


Mode:802.11ax HE20 26T Frequency:5745MHz

Ant:Chain1



Mode:802.11ax HE20 26T Frequency:5785MHz



Mode:802.11ax HE20 26T Frequency:5825MHz

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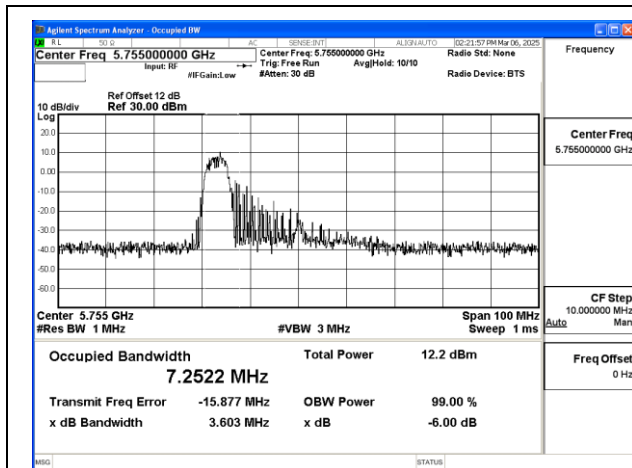
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Test Report No.: PSU-NQN2502170213RF010

Ant:Chain1

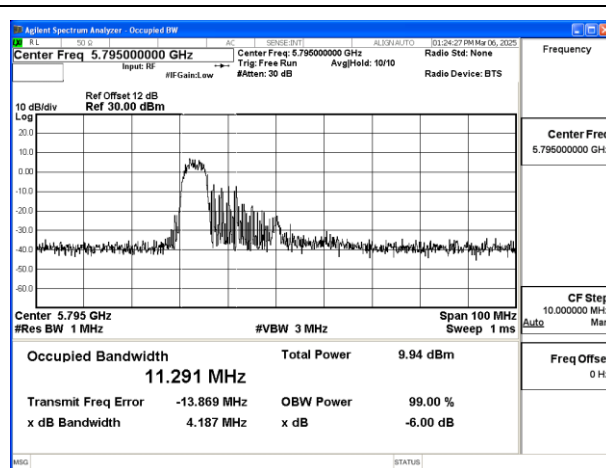
Ant:Chain1

Test Mode: 802.11ax HE40 26T



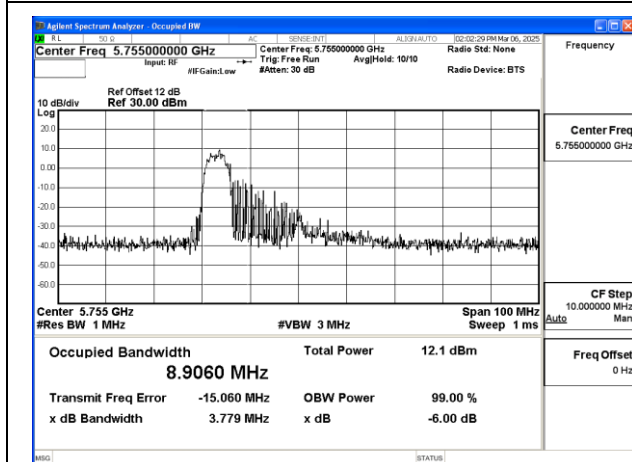
Mode:802.11ax HE40 26T Frequency:5755MHz

Ant:Chain0



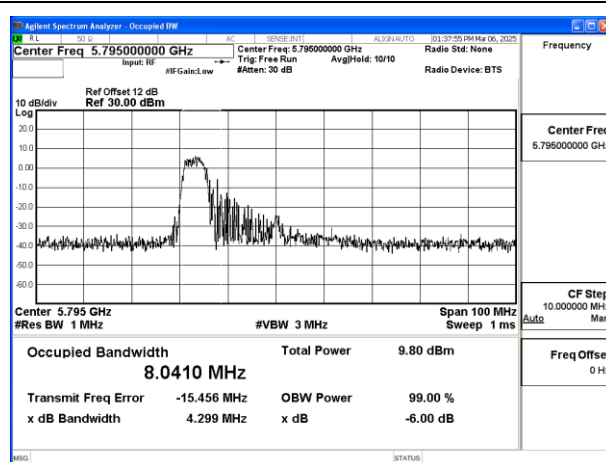
Mode:802.11ax HE40 26T Frequency:5795MHz

Ant:Chain0



Mode:802.11ax HE40 26T Frequency:5755MHz

Ant:Chain1

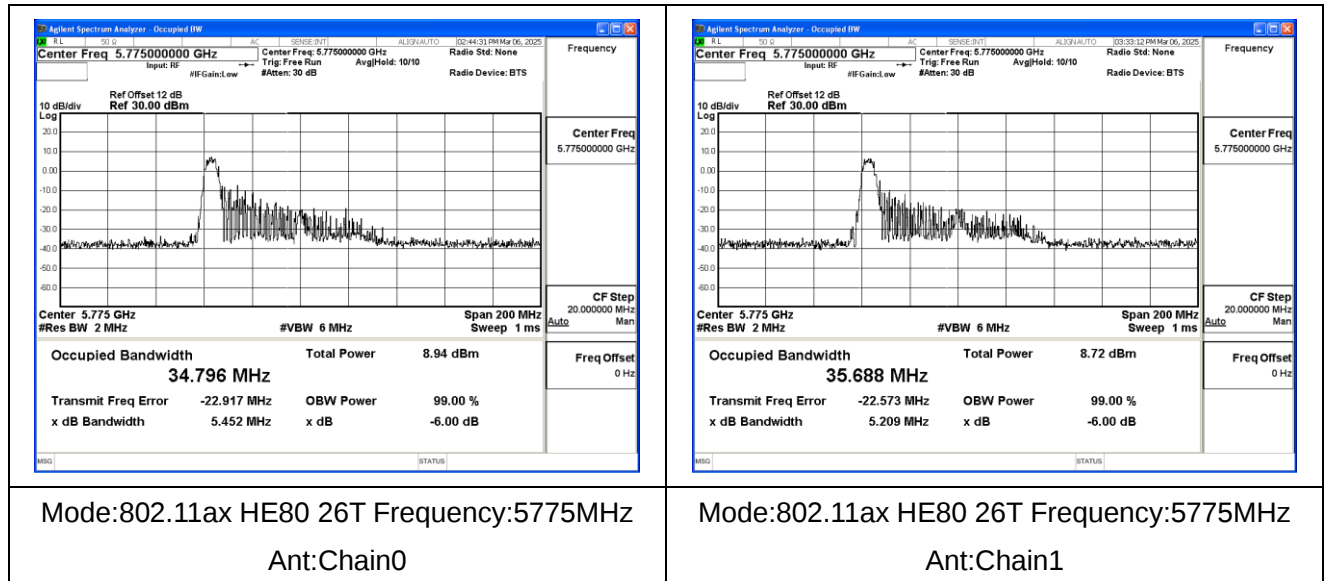


Mode:802.11ax HE40 26T Frequency:5795MHz

Ant:Chain1



Test Mode: 802.11ax HE80 26T



**MIN EMISSION BANDWIDTH****TEST RESULT B4**

Test Mode	Antenna	6dB Bandwidth (MHz)		
		5745MHz	5785MHz	5825MHz
802.11a	Chain0	16.53	16.53	16.43
802.11a	Chain1	16.53	16.54	16.60
802.11n HT20	Chain0	17.72	17.76	17.71
802.11n HT20	Chain1	17.81	17.72	17.79
802.11ac VHT20	Chain0	17.78	17.78	17.80
802.11ac VHT20	Chain1	17.74	17.76	17.80
802.11ax HE20	Chain0	19.09	19.14	19.12
802.11ax HE20	Chain1	18.89	18.96	19.09

Test Mode	Antenna	6dB Bandwidth (MHz)		
		5755MHz	---	5795MHz
802.11n HT40	Chain0	36.26	---	36.34
802.11n HT40	Chain1	36.38	---	36.37
802.11ac VHT40	Chain0	36.34	---	36.06
802.11ac VHT40	Chain1	36.39	---	35.70
802.11ax HE40	Chain0	37.27	---	38.04
802.11ax HE40	Chain1	37.48	---	37.86

Test Mode	Antenna	6dB Bandwidth (MHz)		
		5775MHz	---	---
802.11ac VHT80	Chain0	76.37	---	---
802.11ac VHT80	Chain1	75.83	---	---
802.11ax HE80	Chain0	75.95	---	---
802.11ax HE80	Chain1	78.01	---	---

**RU**

Test Mode	Tones/ RU Index	Antenna	6dB Bandwidth (MHz)		
			5745MHz	5785MHz	5825MHz
802.11ax HE20	26T	Chain0	17.96	15.20	12.86
802.11ax HE20	26T	Chain1	15.48	12.02	5.39

Test Mode	Tones/ RU Index	Antenna	6dB Bandwidth (MHz)		
			5755MHz	---	5795MHz
802.11ax HE40	26T	Chain0	26.61	---	32.70
802.11ax HE40	26T	Chain1	34.28	---	28.71

Test Mode	Tones/ RU Index	Antenna	6dB Bandwidth (MHz)		
			5775MHz	---	---
802.11ax HE80	26T	Chain0	75.95	---	---
802.11ax HE80	26T	Chain1	74.26	---	---

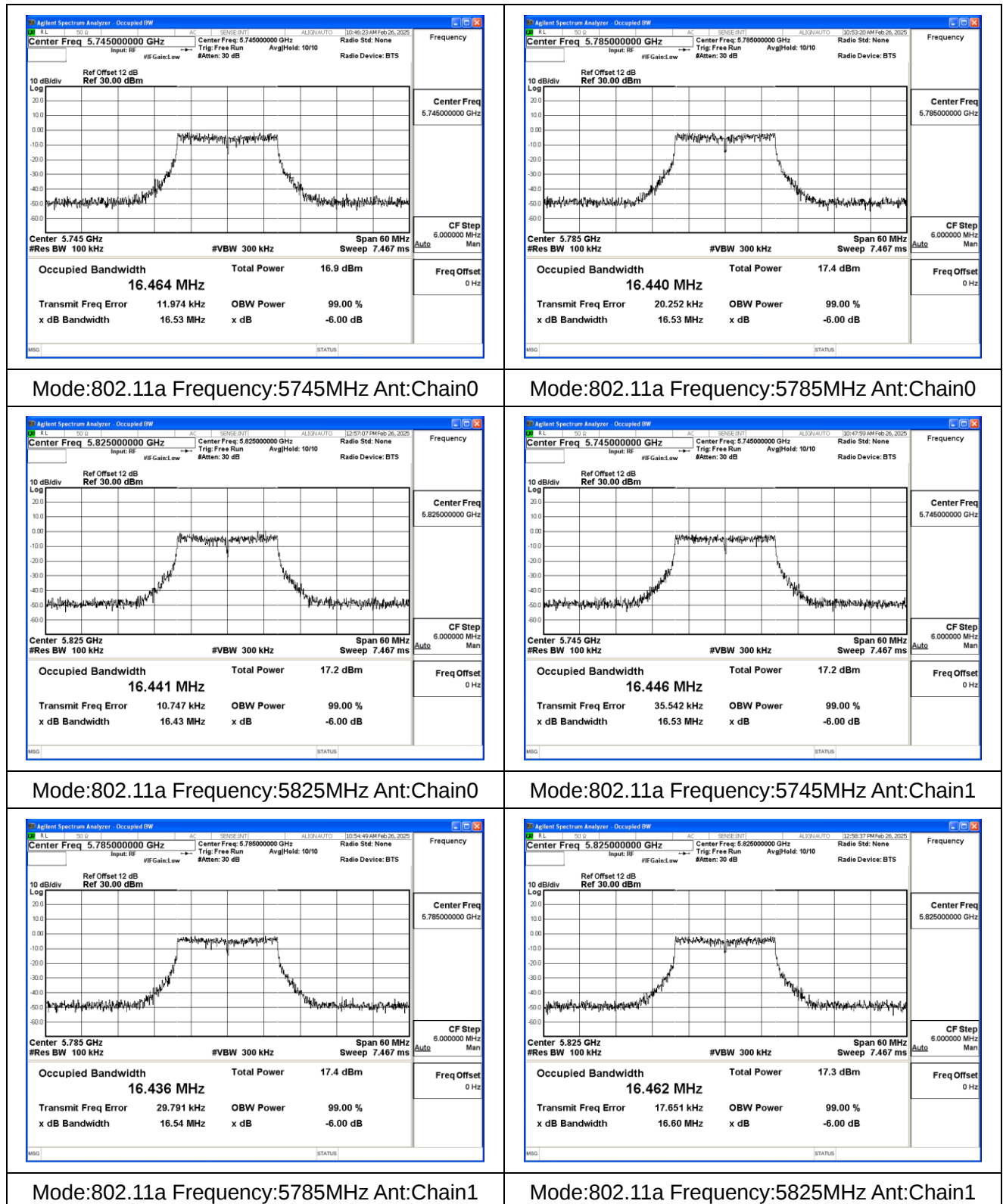


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Test Report No.: PSU-NQN2502170213RF010

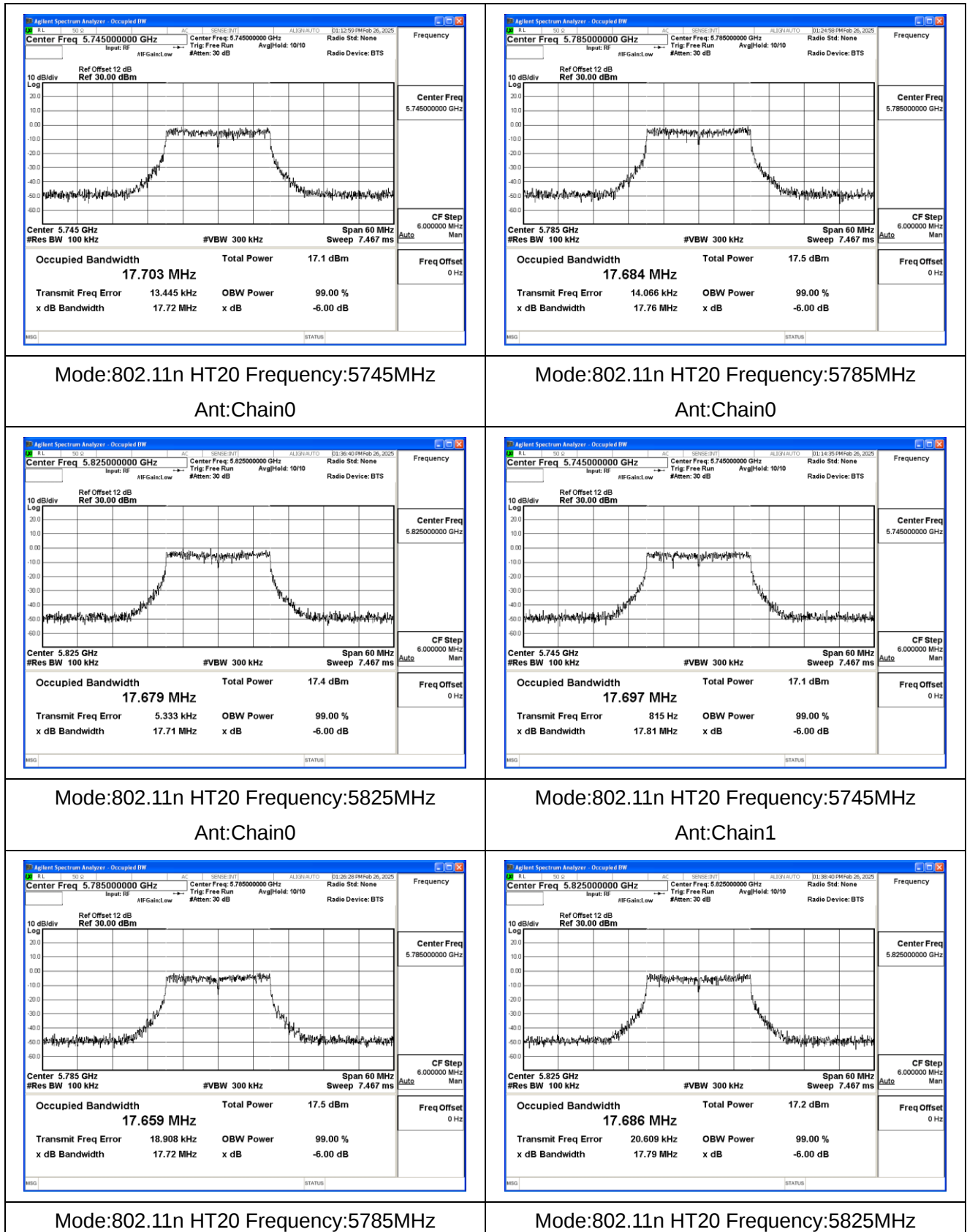
TEST GRAPHS B4

Test Mode: 802.11a





Test Mode: 802.11n HT20





Test Report No.: PSU-NQN2502170213RF010

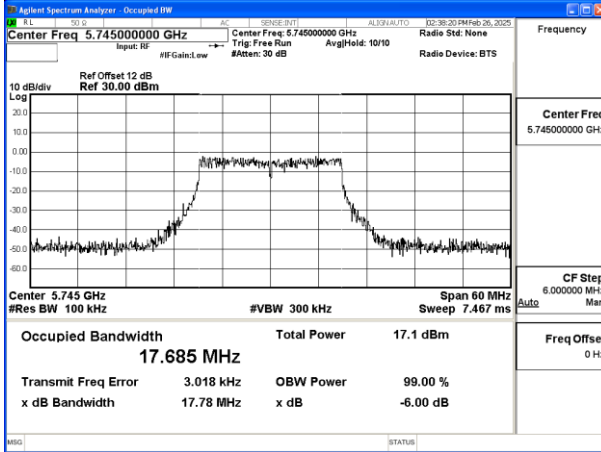
Ant:Chain1	Ant:Chain1
------------	------------



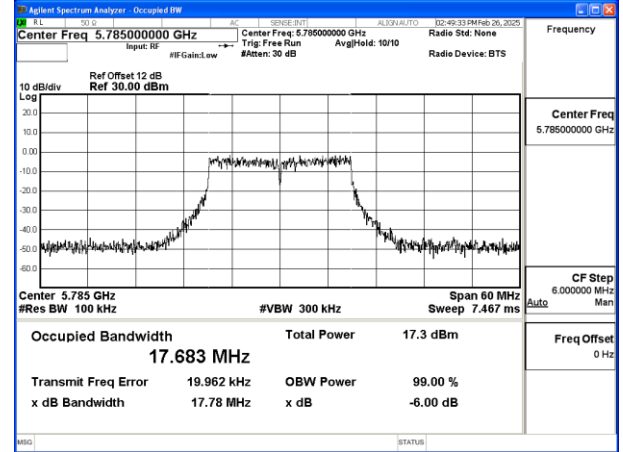
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Test Report No.: PSU-NQN2502170213RF010

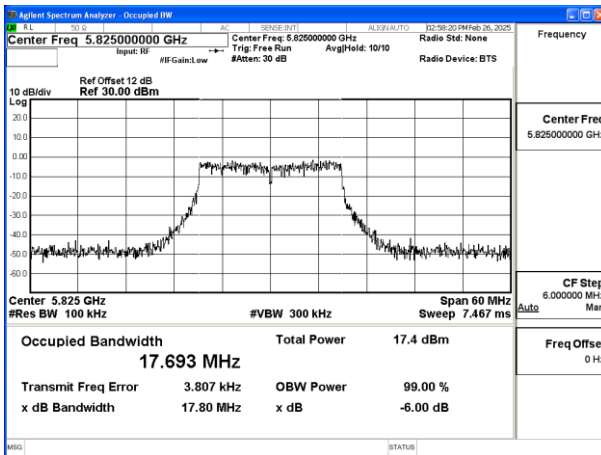
Test Mode: 802.11ac VHT20



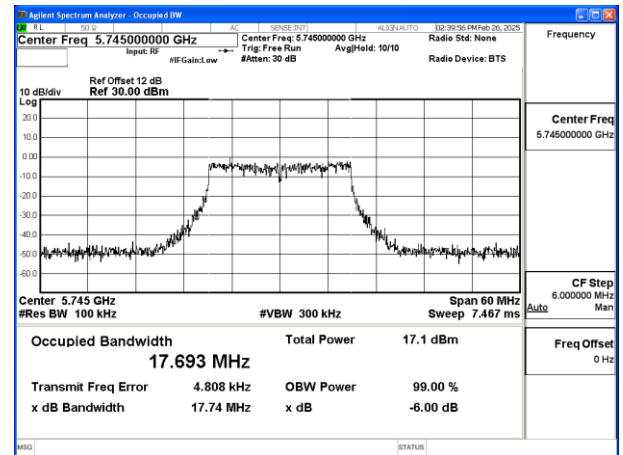
Mode:802.11ac VHT20 Frequency:5745MHz
Ant:Chain0



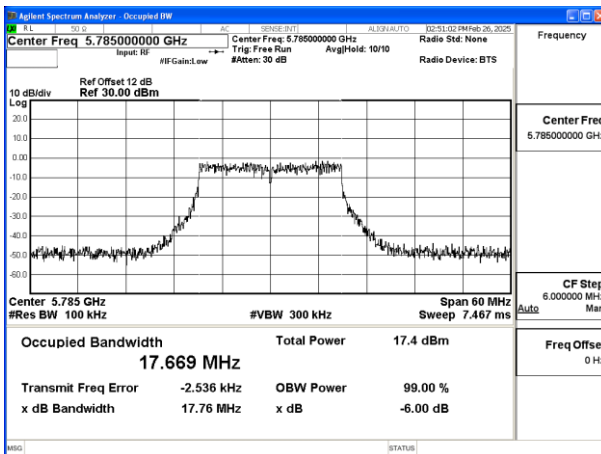
Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain0



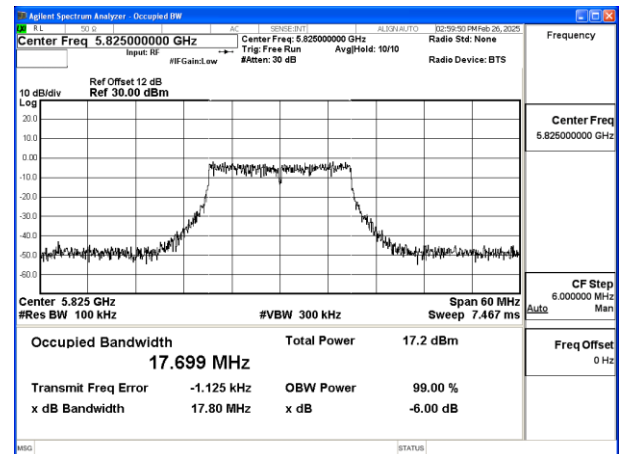
Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5745MHz
Ant:Chain1



Mode:802.11ac VHT20 Frequency:5785MHz



Mode:802.11ac VHT20 Frequency:5825MHz

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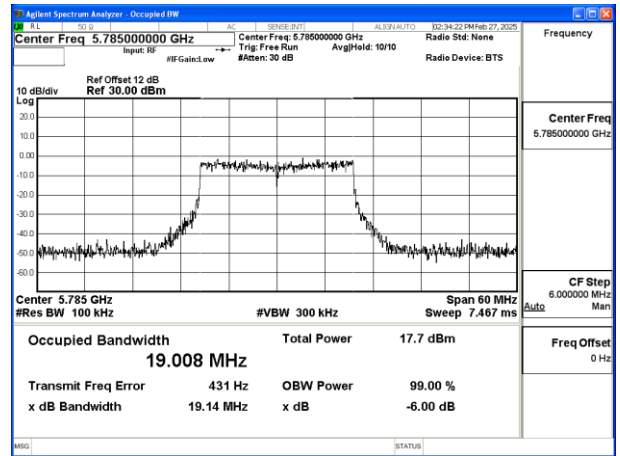
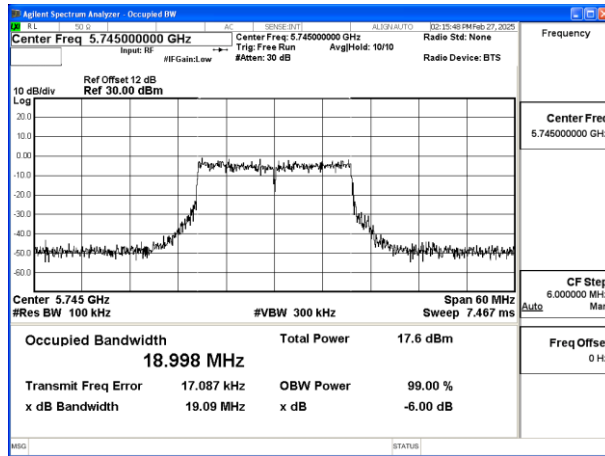
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Test Report No.: PSU-NQN2502170213RF010

Ant:Chain1

Ant:Chain1

Test Mode: 802.11ax HE20

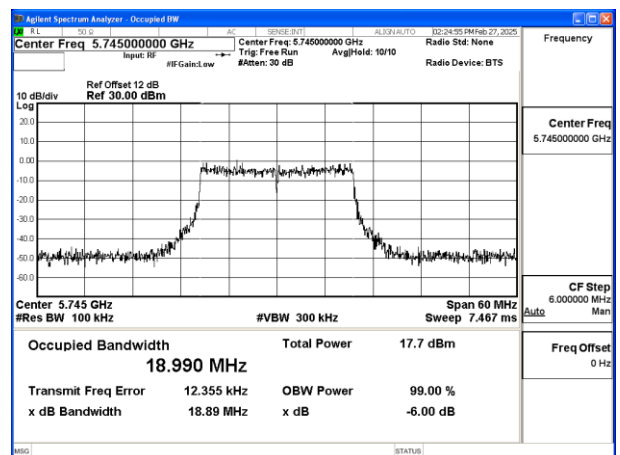
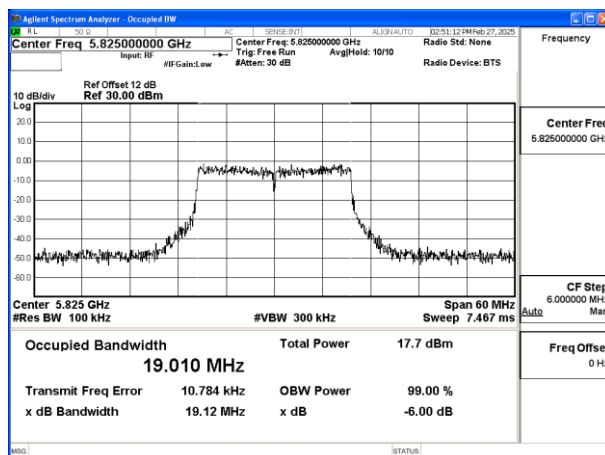


Mode:802.11ax HE20 Frequency:5745MHz

Mode:802.11ax HE20 Frequency:5785MHz

Ant:Chain0

Ant:Chain0

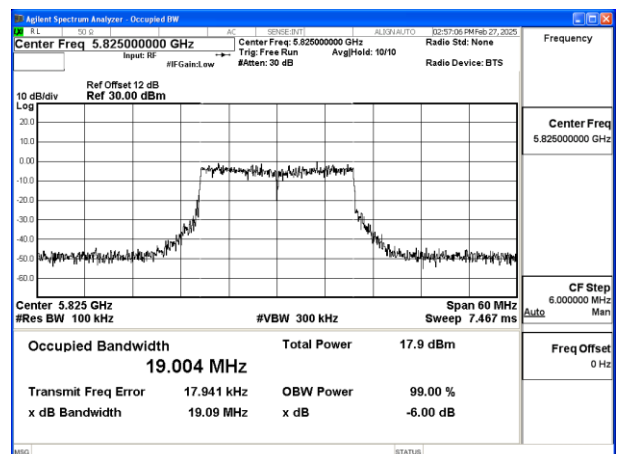
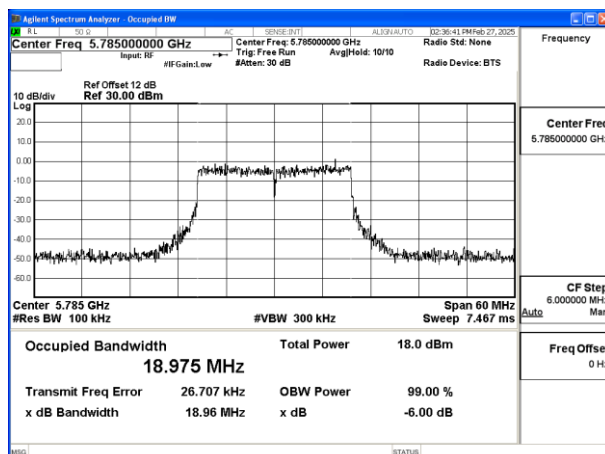


Mode:802.11ax HE20 Frequency:5825MHz

Mode:802.11ax HE20 Frequency:5745MHz

Ant:Chain0

Ant:Chain1

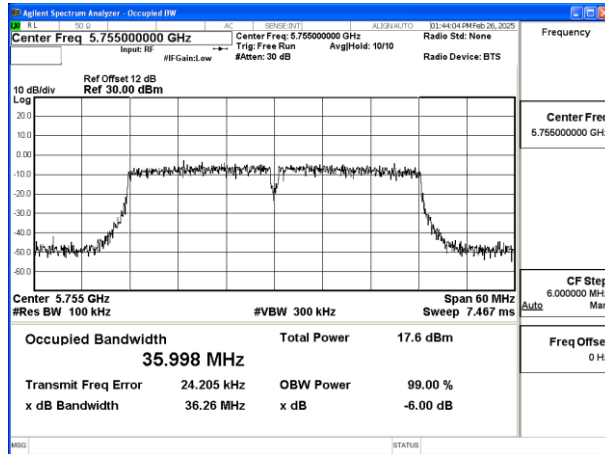




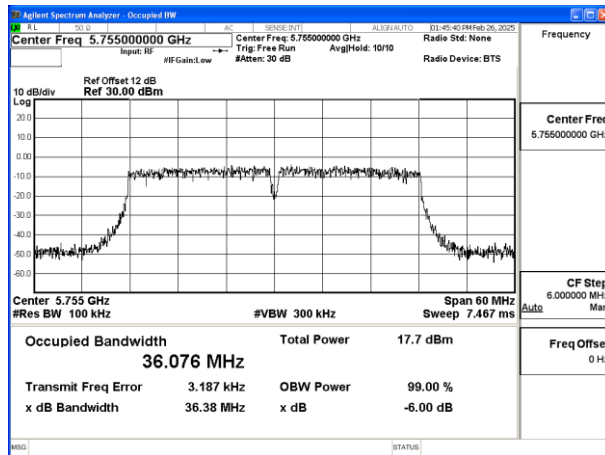
Mode:802.11ax HE20 Frequency:5785MHz
Ant:Chain1

Mode:802.11ax HE20 Frequency:5825MHz
Ant:Chain1

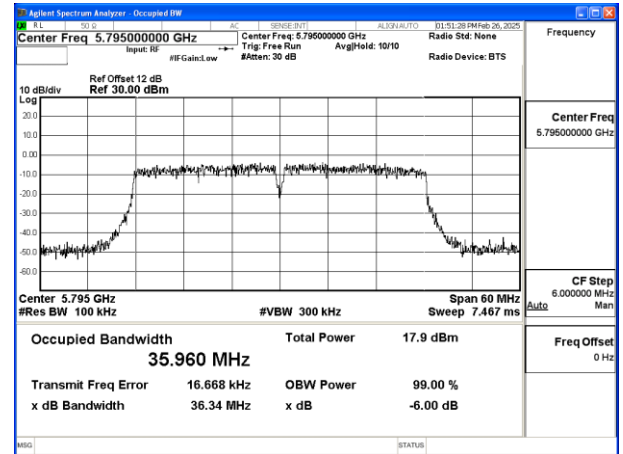
Test Mode: 802.11n HT40



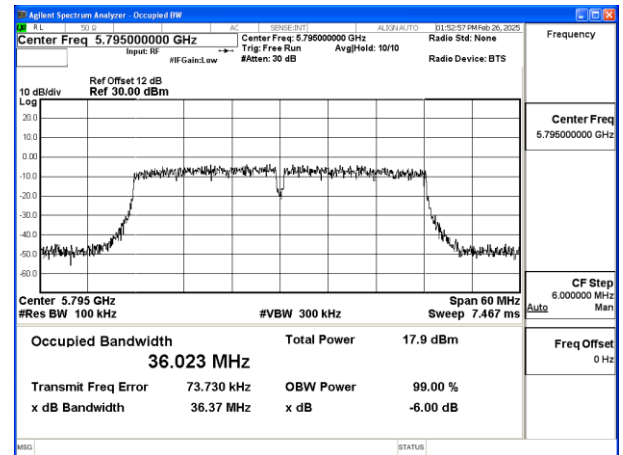
Mode:802.11n HT40 Frequency:5755MHz
Ant:Chain0



Mode:802.11n HT40 Frequency:5755MHz
Ant:Chain1



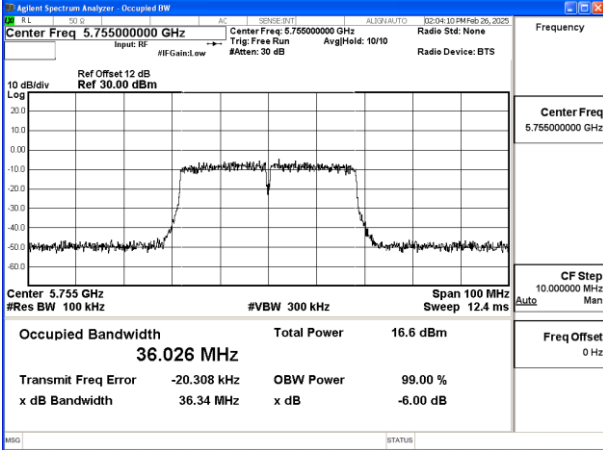
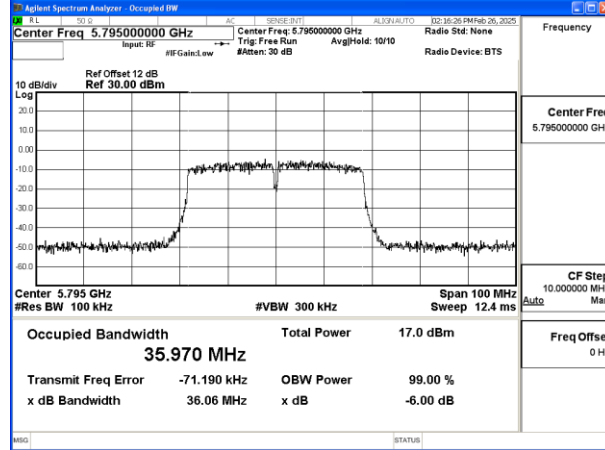
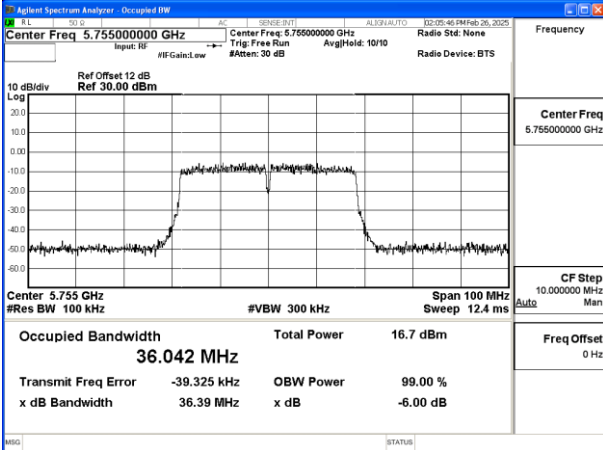
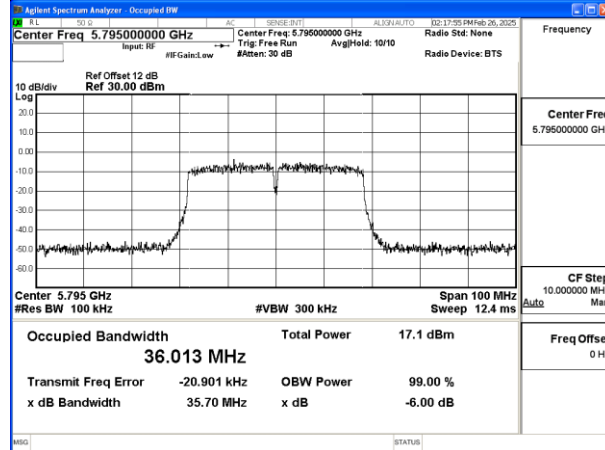
Mode:802.11n HT40 Frequency:5795MHz
Ant:Chain0



Mode:802.11n HT40 Frequency:5795MHz
Ant:Chain1

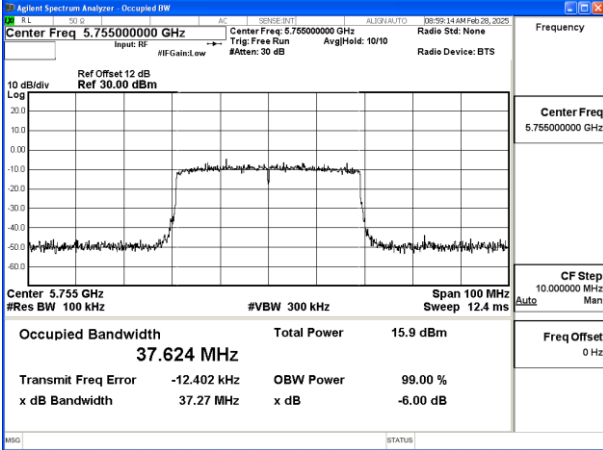
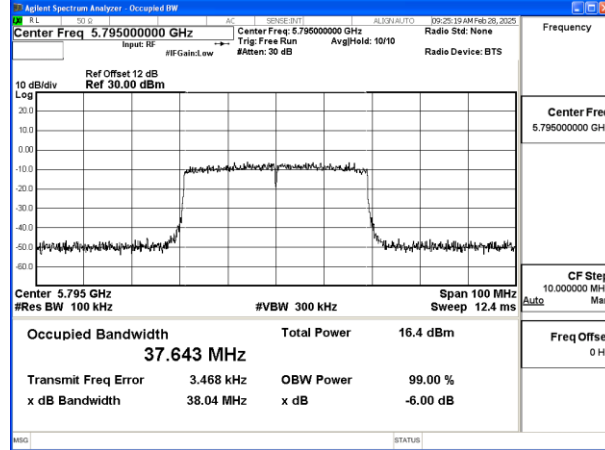
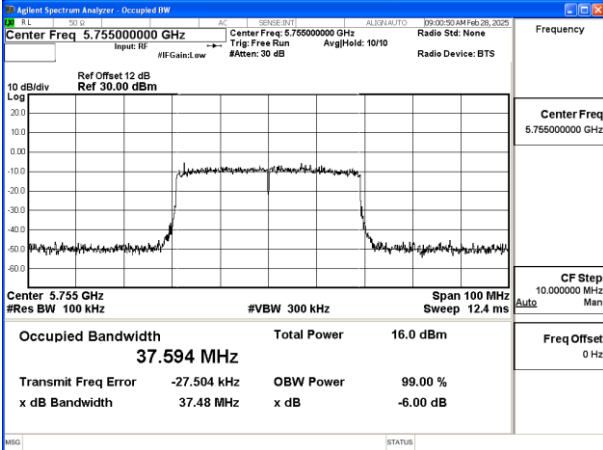
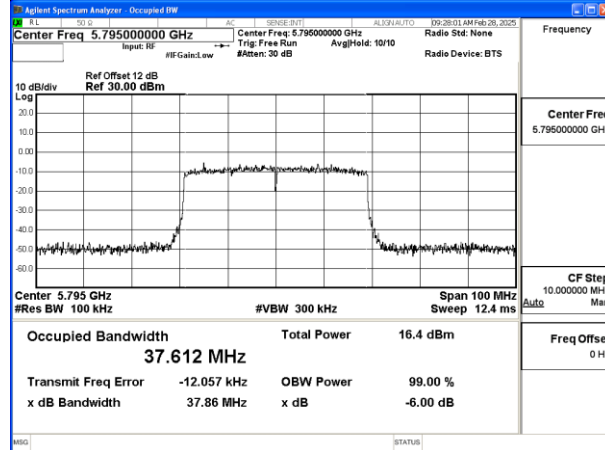


Test Mode: 802.11ac VHT40

 Center Freq 5.755000000 GHz Ref Offset 12 dB Ref 30.00 dBm Occupied Bandwidth 36.026 MHz Total Power 16.6 dBm Transmit Freq Error -20.308 kHz OBW Power 99.00 % x dB Bandwidth 36.34 MHz x dB -6.00 dB	 Center Freq 5.795000000 GHz Ref Offset 12 dB Ref 30.00 dBm Occupied Bandwidth 35.970 MHz Total Power 17.0 dBm Transmit Freq Error -71.190 kHz OBW Power 99.00 % x dB Bandwidth 36.06 MHz x dB -6.00 dB
Mode:802.11ac VHT40 Frequency:5755MHz Ant:Chain0	Mode:802.11ac VHT40 Frequency:5795MHz Ant:Chain0
 Center Freq 5.755000000 GHz Ref Offset 12 dB Ref 30.00 dBm Occupied Bandwidth 36.042 MHz Total Power 16.7 dBm Transmit Freq Error -39.325 kHz OBW Power 99.00 % x dB Bandwidth 36.39 MHz x dB -6.00 dB	 Center Freq 5.795000000 GHz Ref Offset 12 dB Ref 30.00 dBm Occupied Bandwidth 36.013 MHz Total Power 17.1 dBm Transmit Freq Error -20.901 kHz OBW Power 99.00 % x dB Bandwidth 35.70 MHz x dB -6.00 dB
Mode:802.11ac VHT40 Frequency:5755MHz Ant:Chain1	Mode:802.11ac VHT40 Frequency:5795MHz Ant:Chain1



Test Mode: 802.11ax HE40

	
Mode:802.11ax HE40 Frequency:5755MHz Ant:Chain0	Mode:802.11ax HE40 Frequency:5795MHz Ant:Chain0
	
Mode:802.11ax HE40 Frequency:5755MHz Ant:Chain1	Mode:802.11ax HE40 Frequency:5795MHz Ant:Chain1