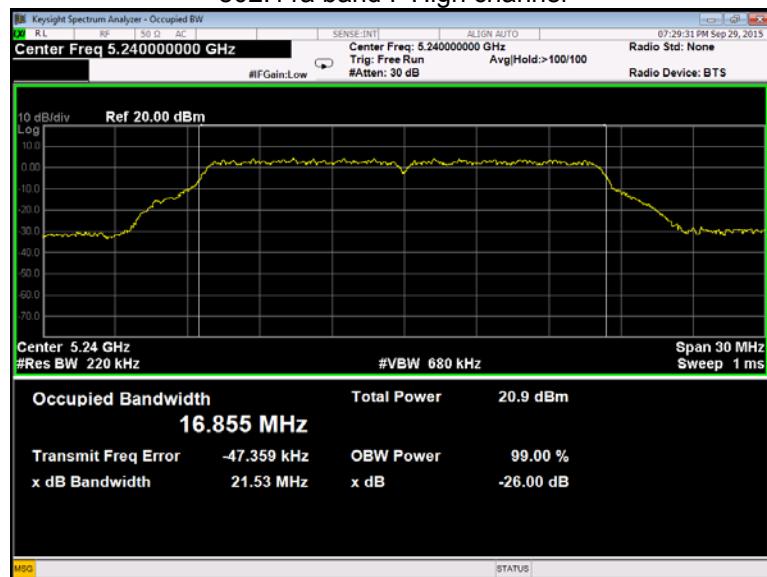
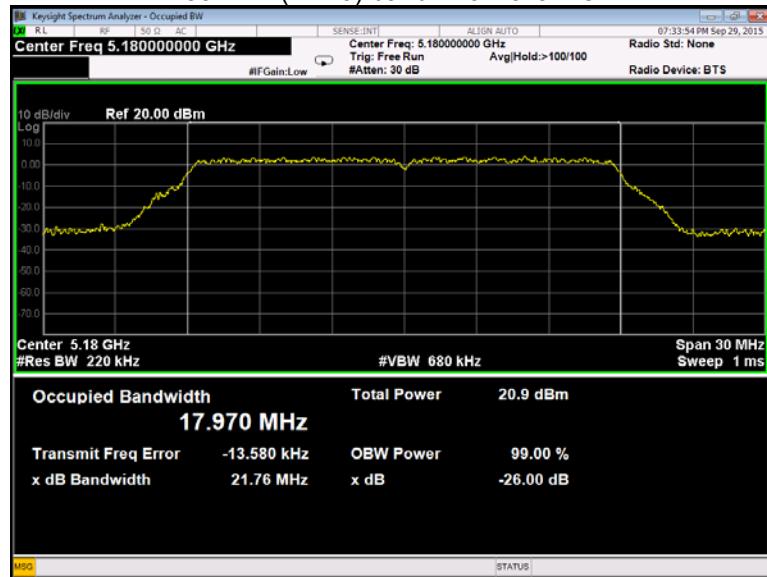


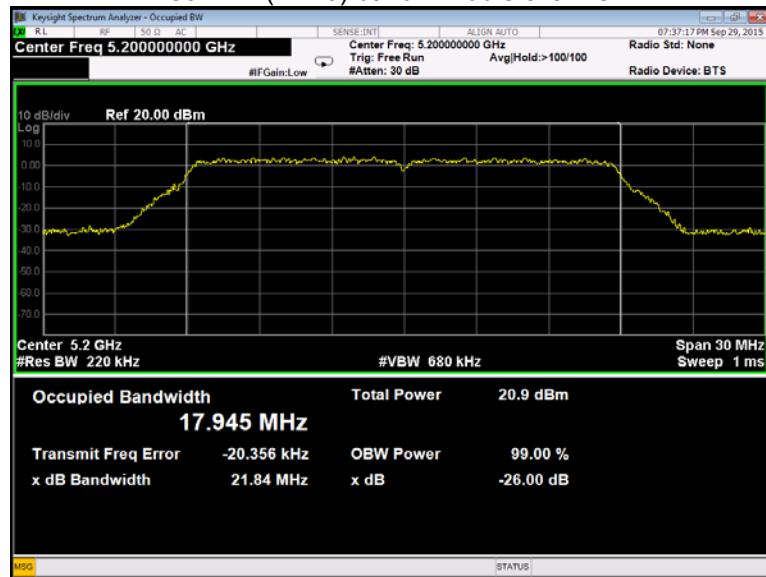
## 802.11a band I High channel



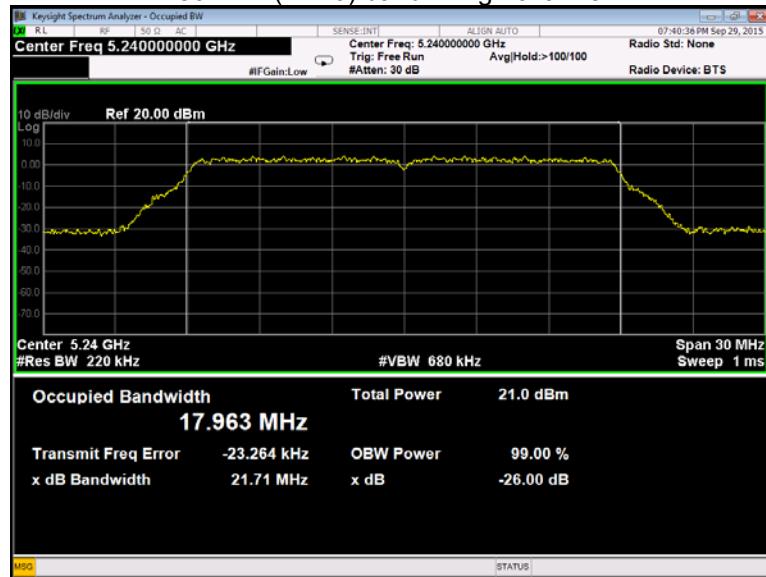
## 802.11n(HT20) band I Low channel

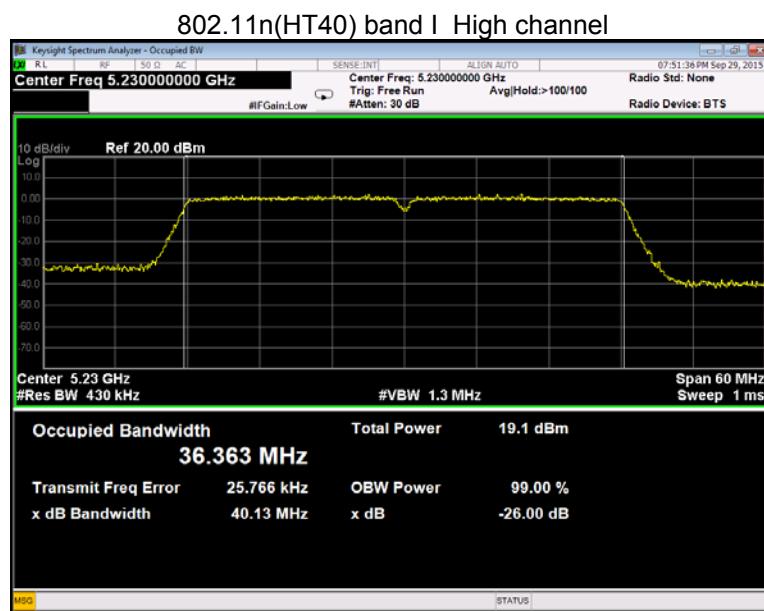
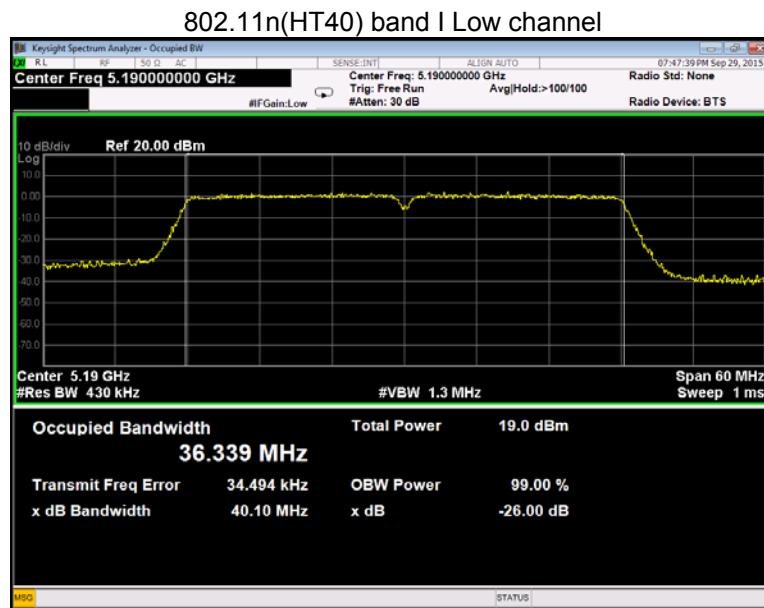


## 802.11n(HT20) band I Middle channel

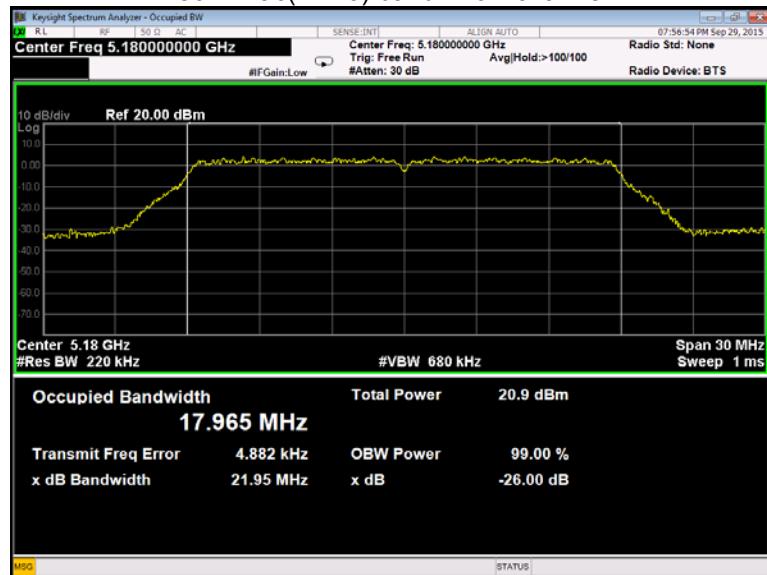


## 802.11n(HT20) band I High channel

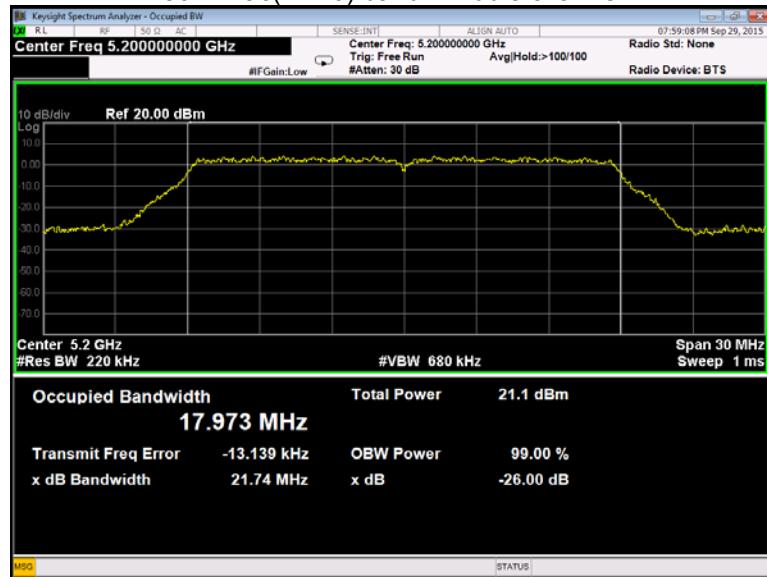




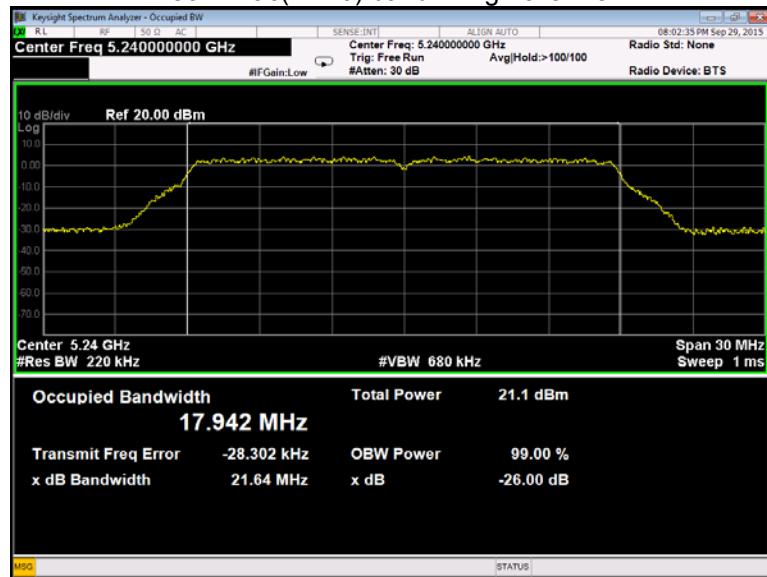
## 802.11ac(HT20) band I Low channel



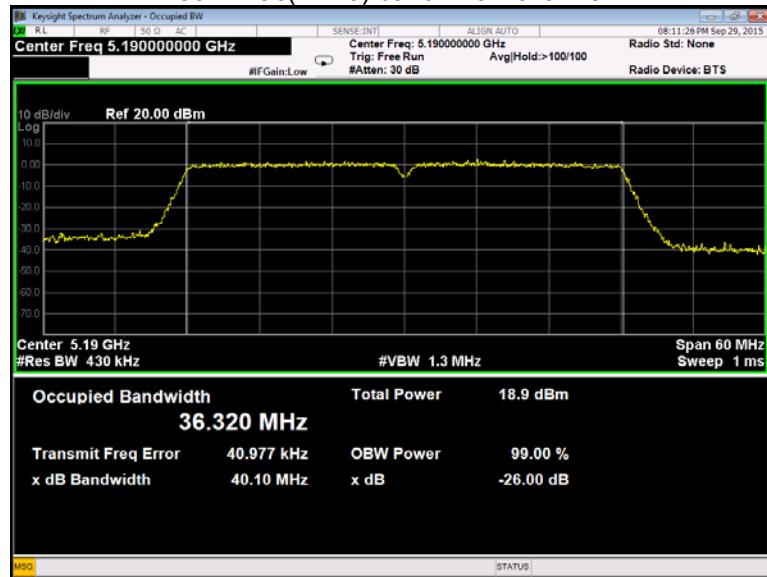
## 802.11ac(HT20) band I Middle channel



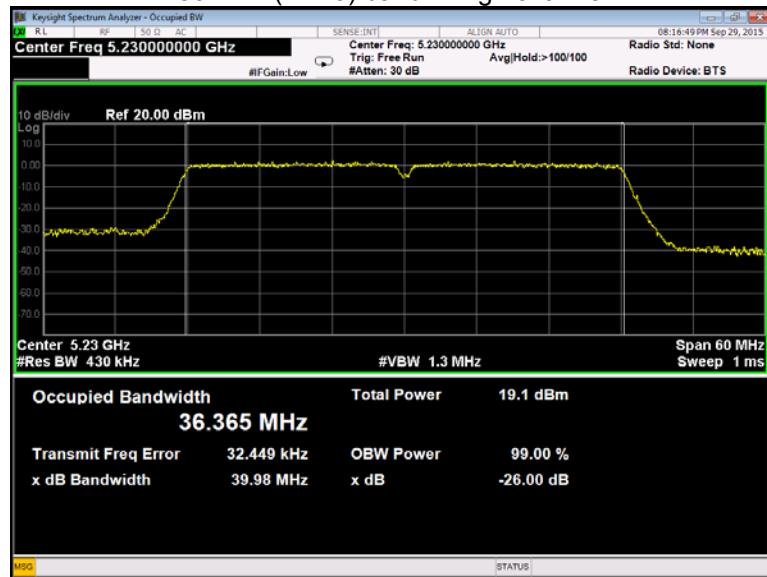
## 802.11ac(HT20) band I High channel



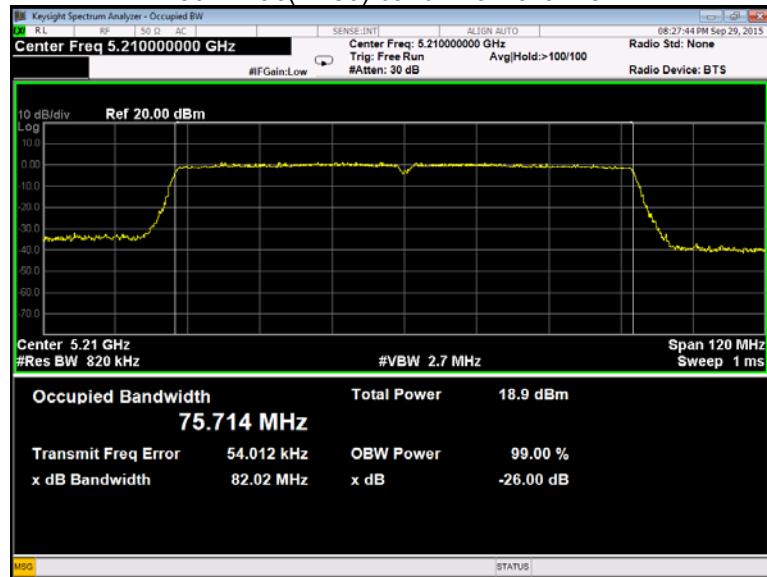
## 802.11ac(HT40) band I Low channel



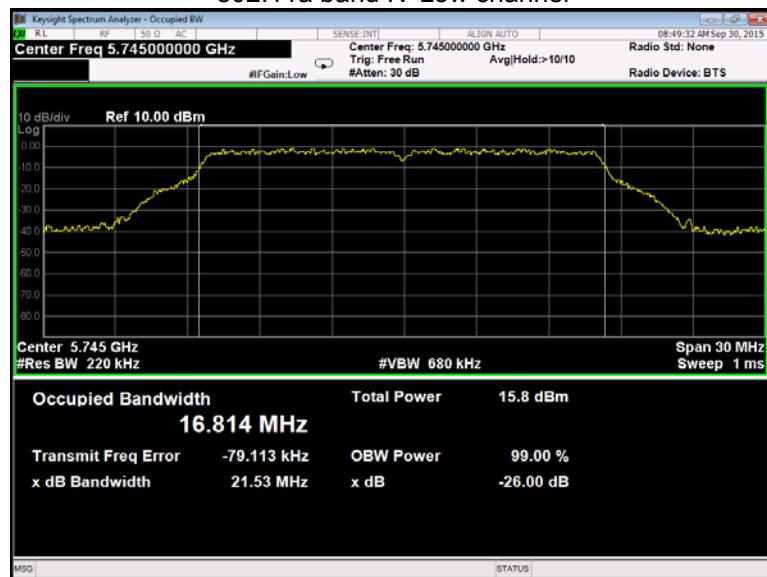
## 802.11n(HT40) band I High channel



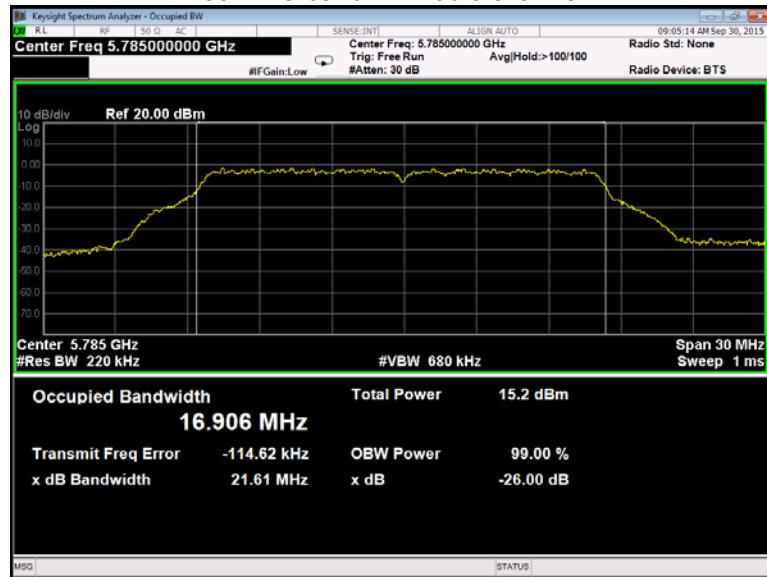
## 802.11ac(HT80) band I Low channel



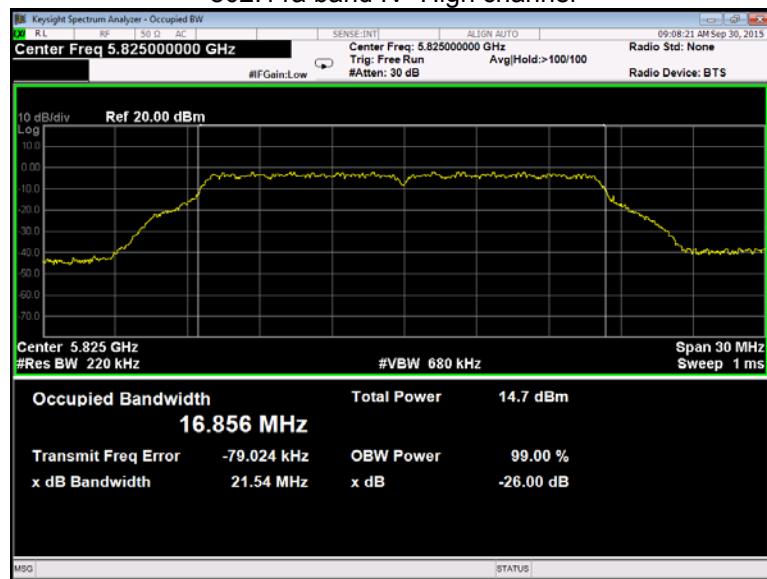
## 802.11a band IV Low channel



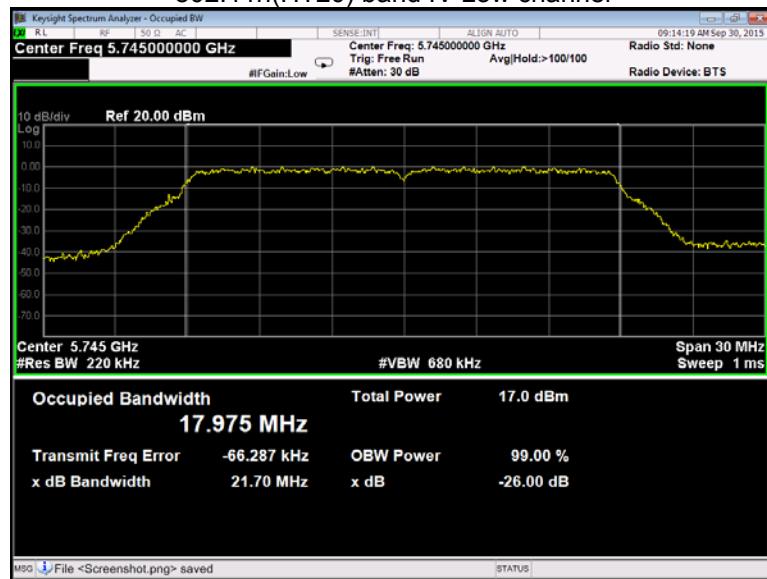
## 802.11a band IV Middle channel



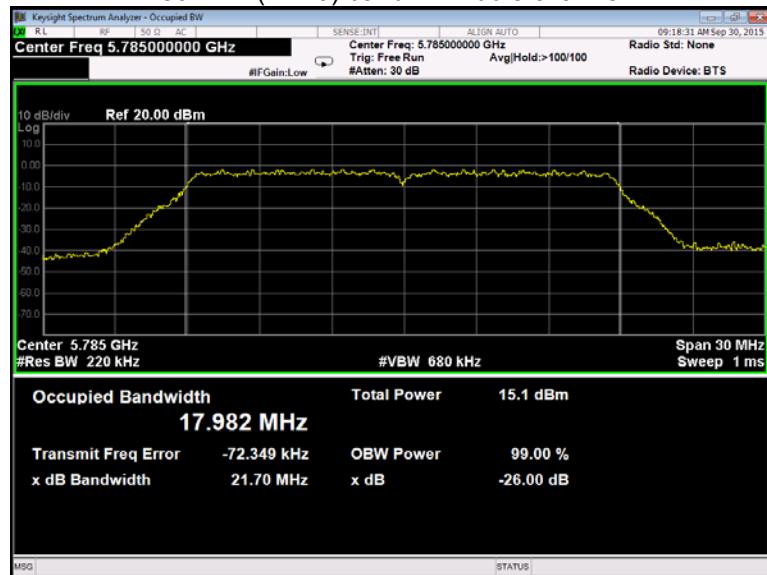
## 802.11a band IV High channel



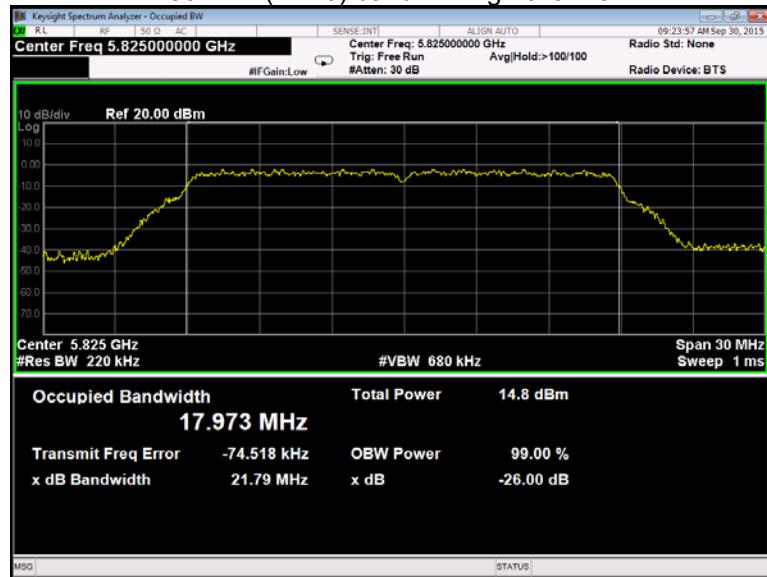
## 802.11n(HT20) band IV Low channel



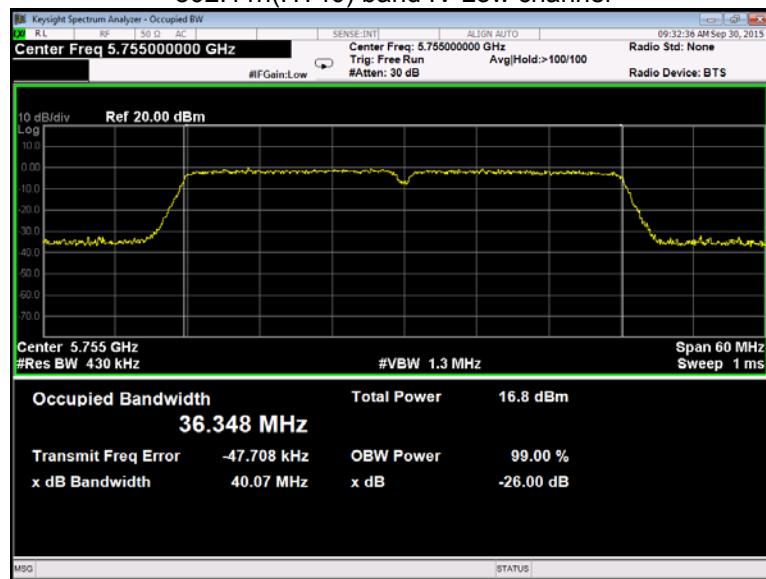
## 802.11n(HT20) band IV Middle channel



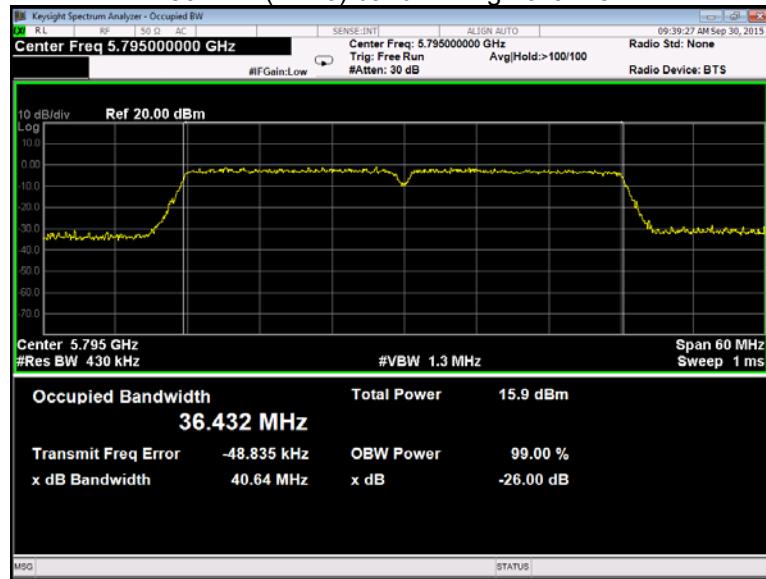
## 802.11n(HT20) band IV High channel



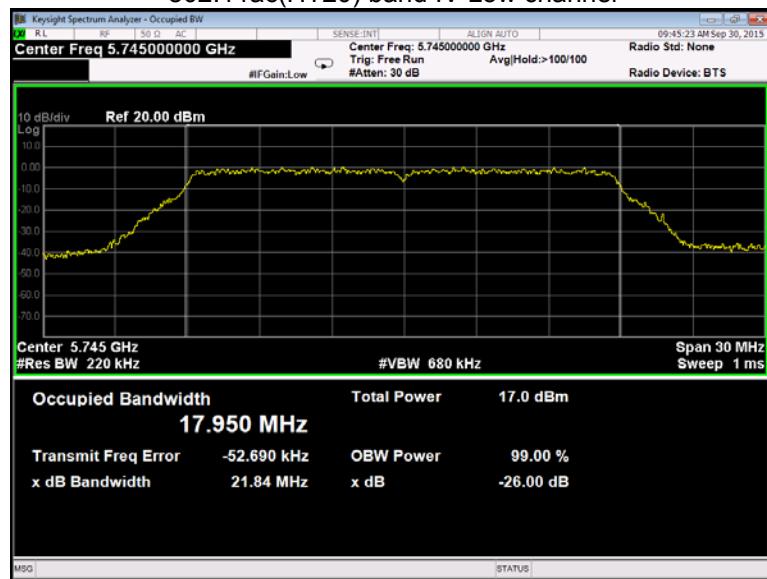
## 802.11n(HT40) band IV Low channel



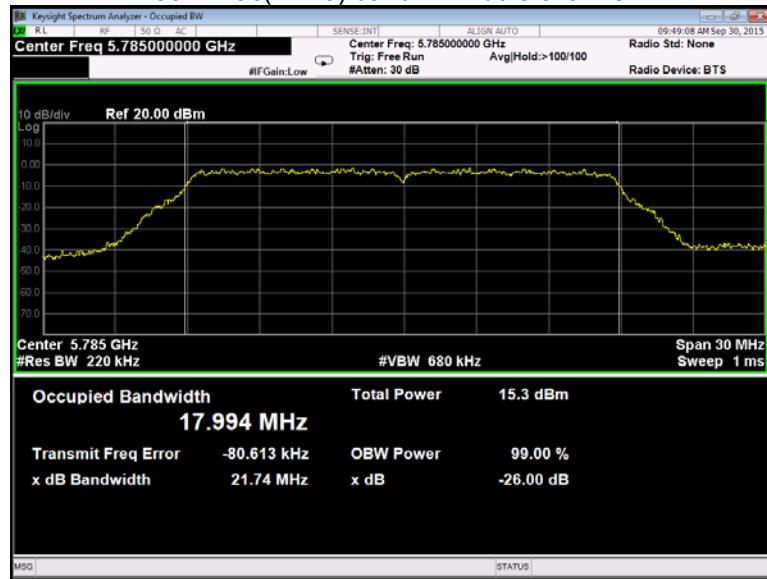
## 802.11n(HT40) band IV High channel



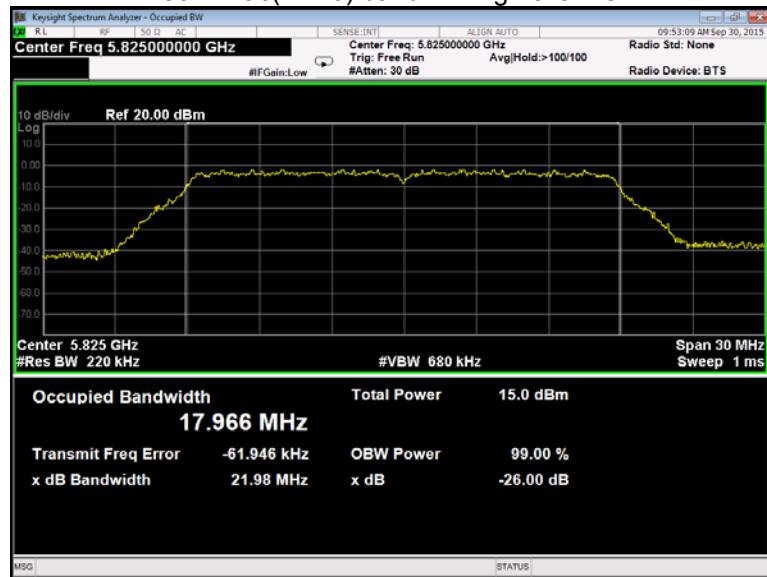
## 802.11ac(HT20) band IV Low channel



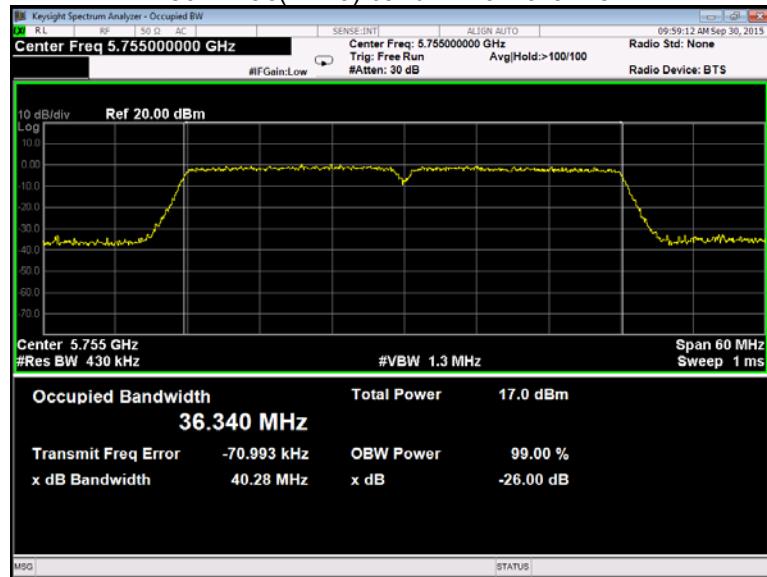
## 802.11ac(HT20) band IV Middle channel



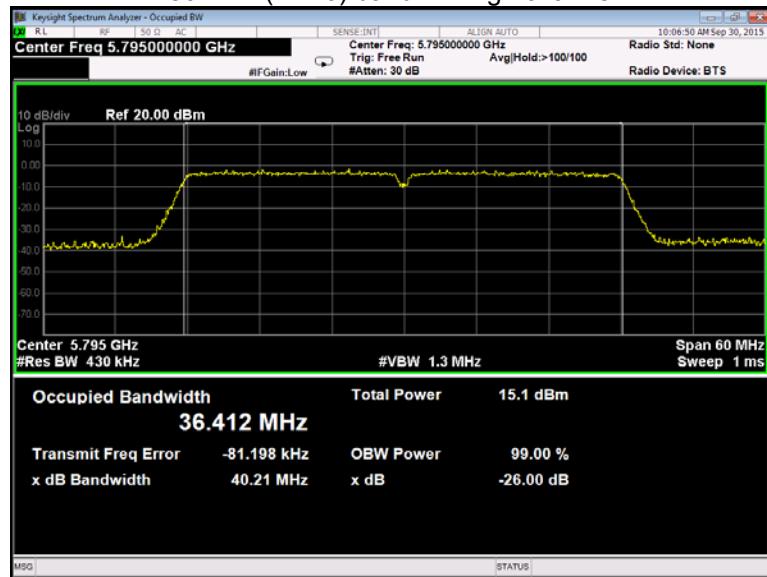
## 802.11ac(HT20) band IV High channel



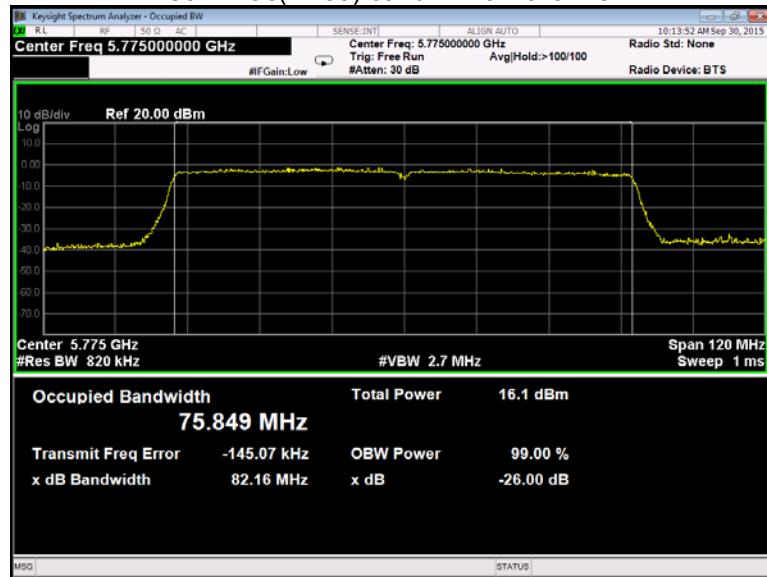
## 802.11ac(HT40) band IV Low channel



## 802.11n(HT40) band IV High channel



## 802.11ac(HT80) band IV Low channel



## 12 Conducted Output Power

Test Requirement:	FCC CFR47 Part 15 Section 15.407(a) KDB662911 D01 Multiple Transmitter Output v02r01
Test Method:	KDB789033 D02 General UNII Test Procedures New Rules v01 Section E
Test Limit:	30dBm
Test Result:	PASS Conducted output power= measurement power+10log(1/x)
Remark:	X is duty cycle=1, so 10log(1/1)=0 Conducted output power= measurement power

### 12.1 Test Procedure:

1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum.
2. Set the spectrum analyzer: RBW = 1 MHz. VBW = 3 MHz. Sweep = auto; Detector Function = Peak, Set the span to fully encompass the DTS bandwidth.
3. Keep the EUT in transmitting at lowest, medium and highest channel individually. Record the max value.

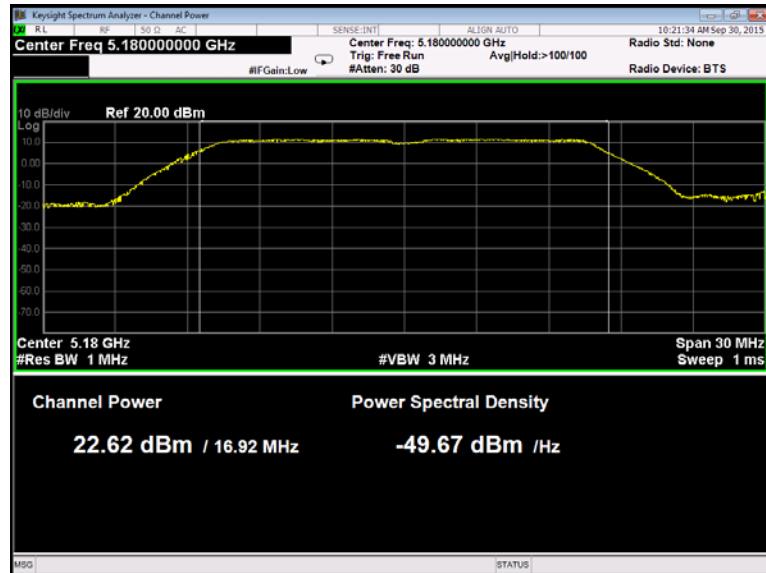
## 12.2 Test Result :

Band	Operation mode	CH	Conducted Output Power (dBm)		
			ANT0	ANT1	Total
Band I	802.11a	Low	22.62	22.09	/
		Middle	22.77	22.13	/
		High	23.57	22.19	/
	802.11n(HT20)	Low	22.49	22.01	25.27
		Middle	22.77	22.12	<b>25.47</b>
		High	22.57	22.29	25.44
	802.11n(HT40)	Low	19.76	21.12	23.50
		Middle	/	/	/
		High	20.67	21.32	24.02
	802.11ac(HT20)	Low	22.11	21.72	24.93
		Middle	22.31	21.84	25.09
		High	22.68	21.63	25.20
Band IV	802.11ac(HT40)	Low	19.80	19.90	22.86
		Middle	/	/	/
		High	20.19	20.21	23.21
	802.11ac(HT80)	Low	19.38	19.00	22.20
		Middle	/	/	/
		High	/	/	/
	802.11a	Low	20.54	17.15	22.18
		Middle	20.00	16.30	21.54
		High	20.11	16.00	21.53
	802.11n(HT20)	Low	20.78	17.93	<b>22.60</b>
		Middle	20.03	16.53	21.63
		High	20.20	16.22	21.66
	802.11n(HT40)	Low	19.46	17.85	20.30
		Middle	/	/	/
		High	18.68	17.03	21.74
	802.11ac(HT20)	Low	20.95	18.05	20.94
		Middle	20.03	16.40	21.59
		High	20.15	16.22	21.63
	802.11ac(HT40)	Low	19.39	17.65	21.62
		Middle	/	/	/
		High	18.54	16.19	20.53
	802.11ac(HT80)	Low	16.80	16.41	19.62
		Middle	/	/	/
		High	/	/	/

Test result plots shown as follows:

### ANT0

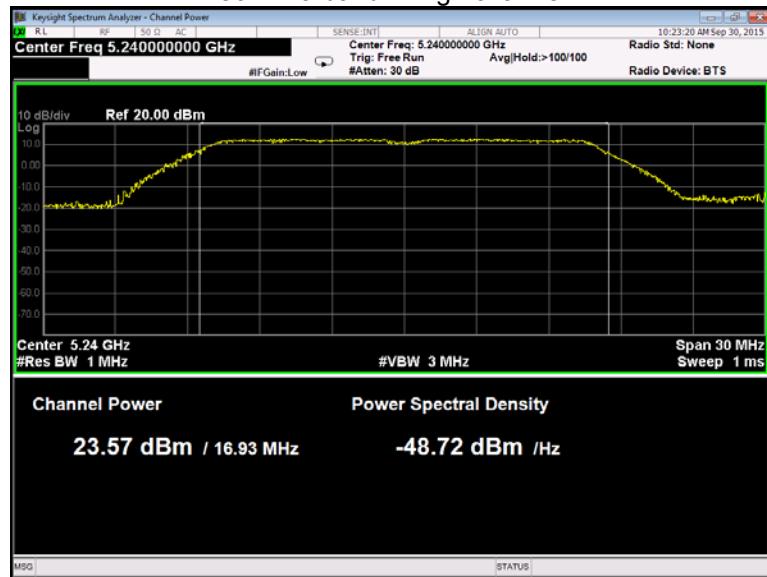
#### 802.11a band I Low channel



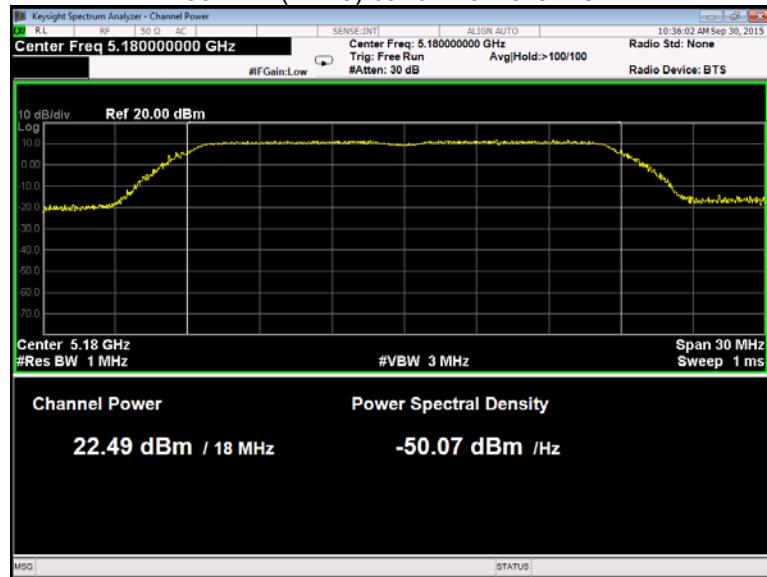
#### 802.11a band I Middle channel

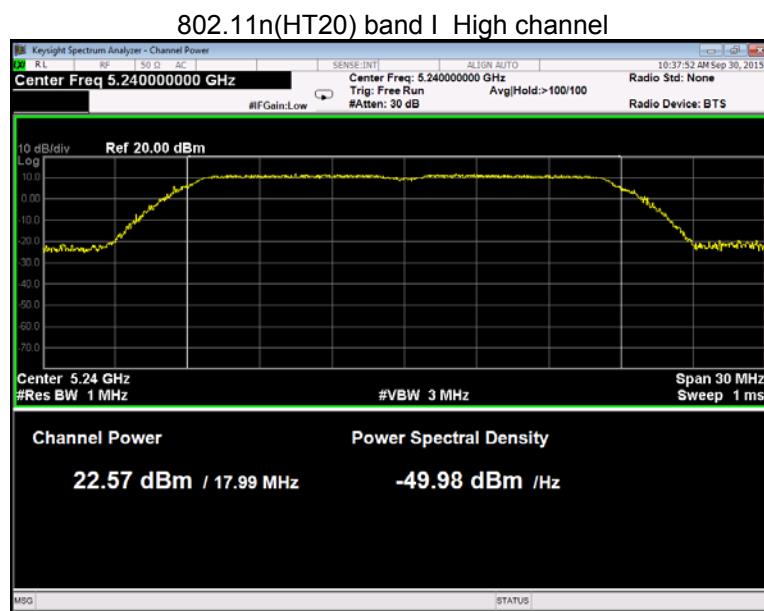
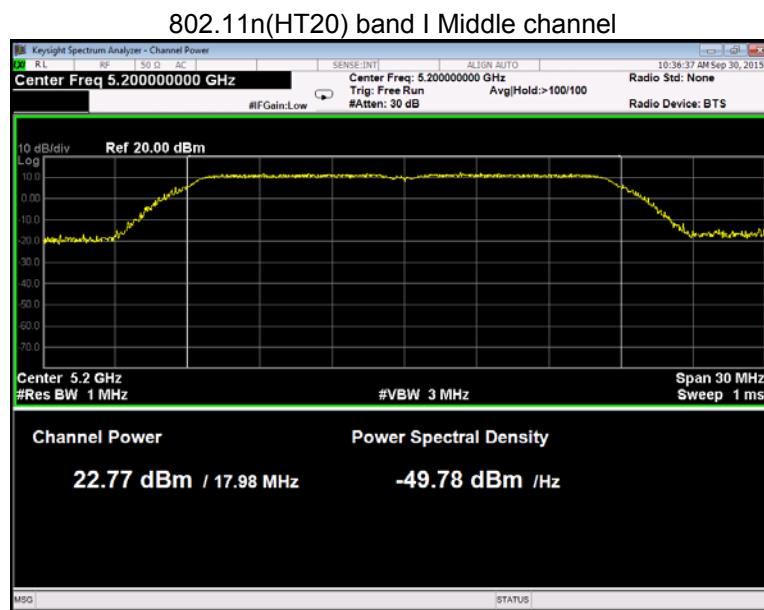


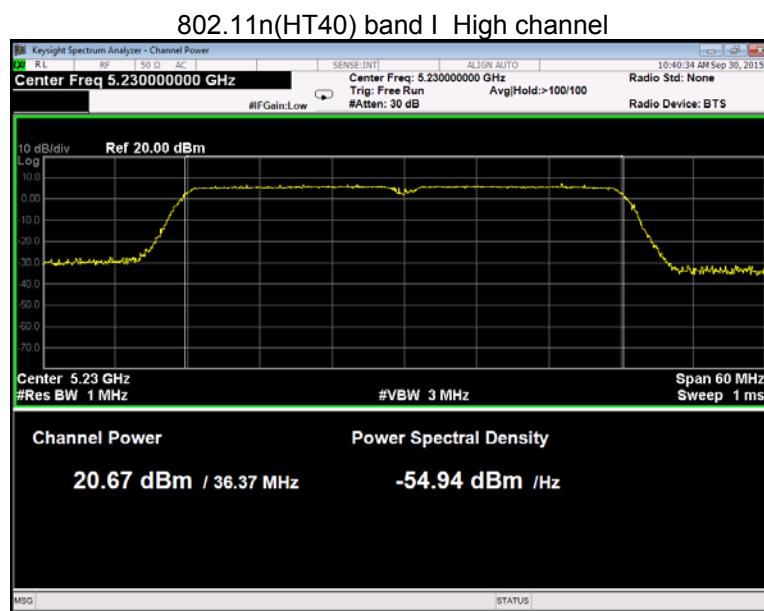
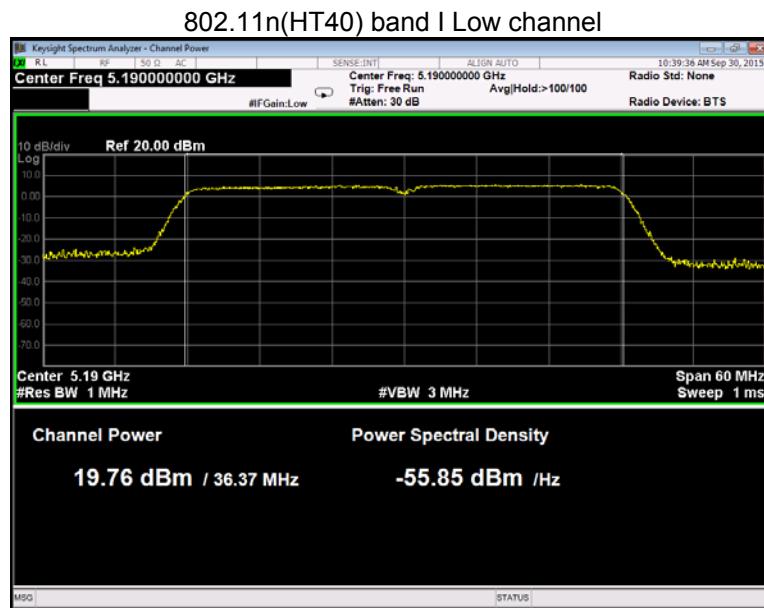
## 802.11a band I High channel



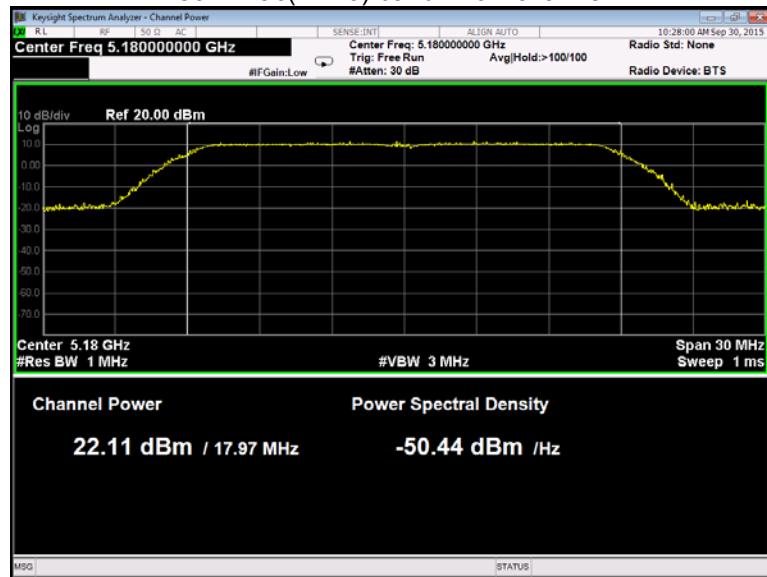
## 802.11n(HT20) band I Low channel



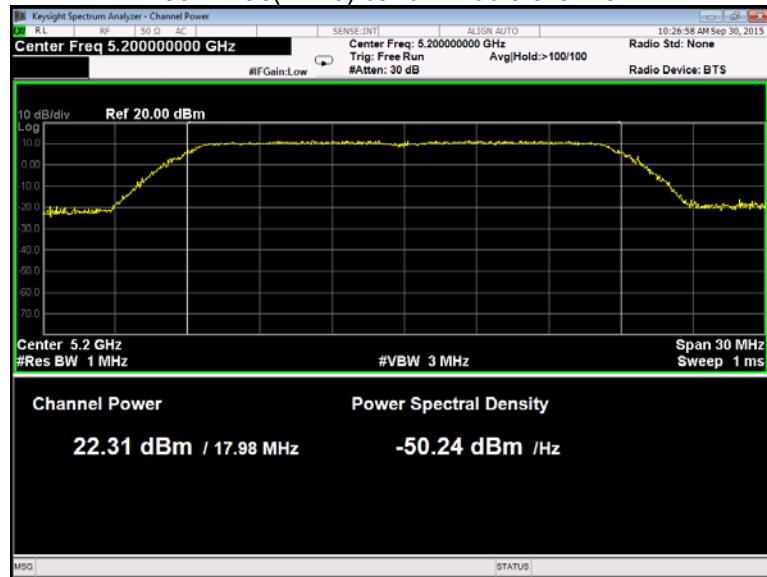




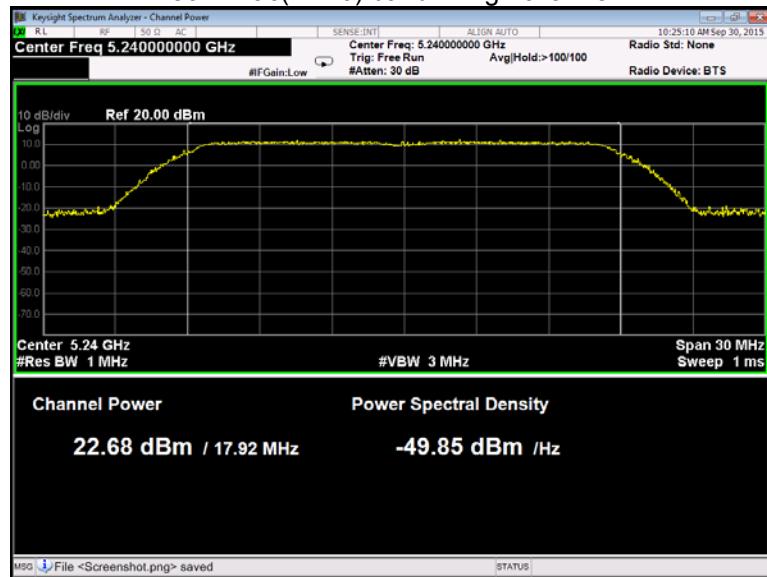
## 802.11ac(HT20) band I Low channel



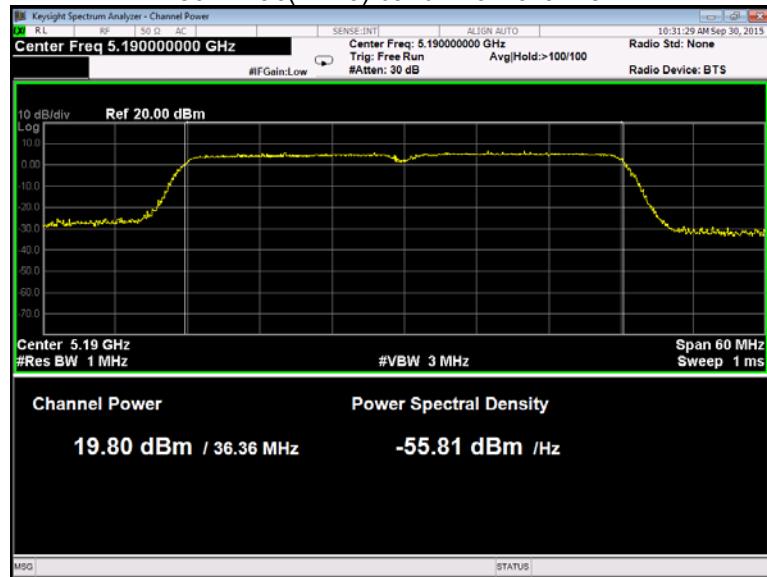
## 802.11ac(HT20) band I Middle channel



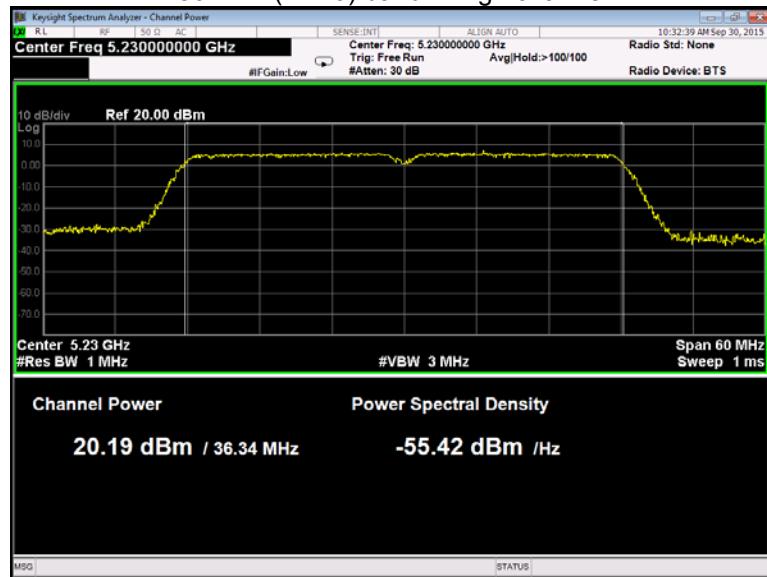
## 802.11ac(HT20) band I High channel



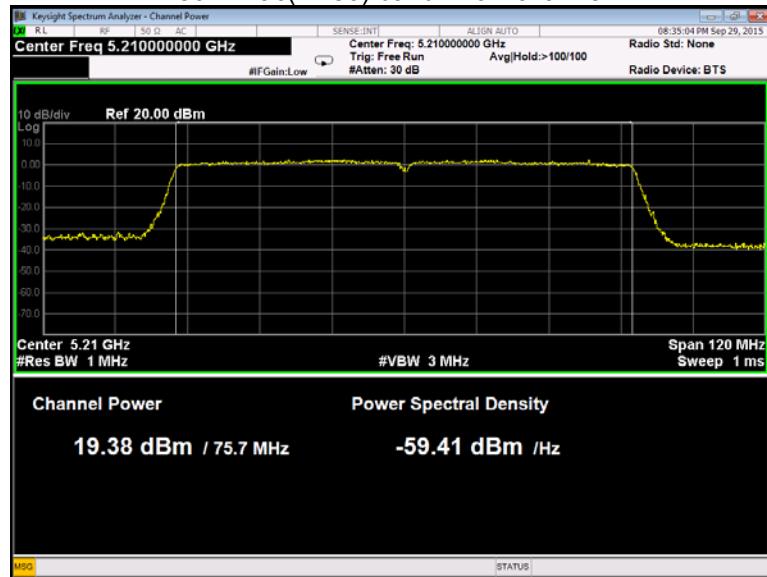
## 802.11ac(HT40) band I Low channel



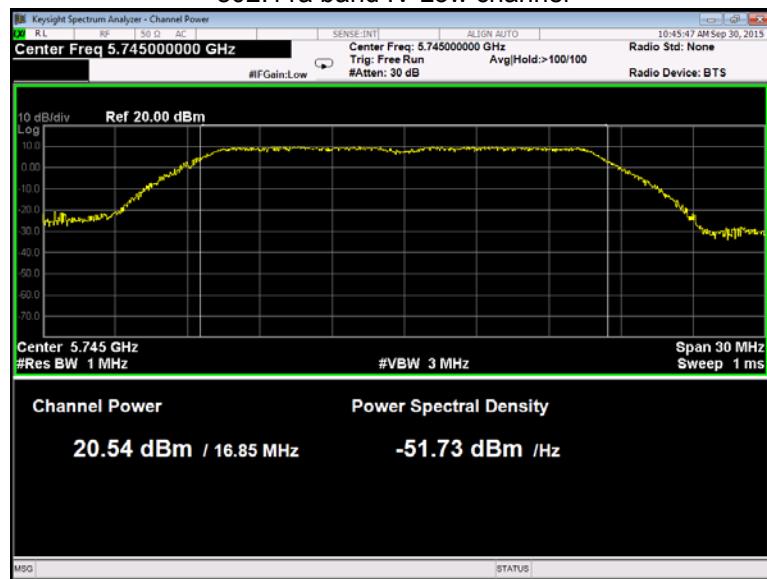
## 802.11n(HT40) band I High channel



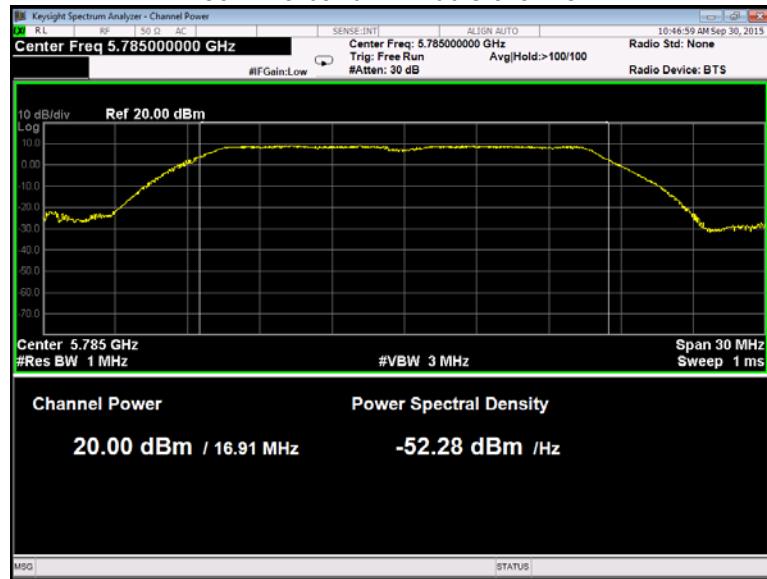
## 802.11ac(HT80) band I Low channel



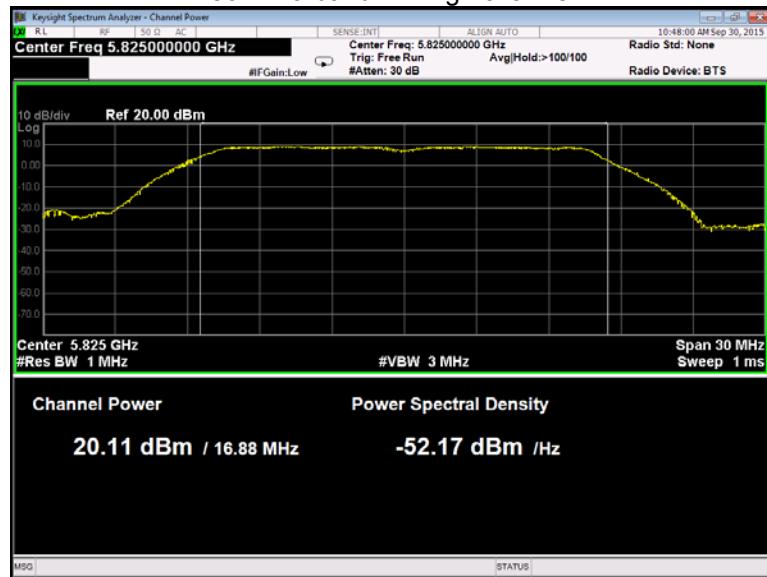
## 802.11a band IV Low channel



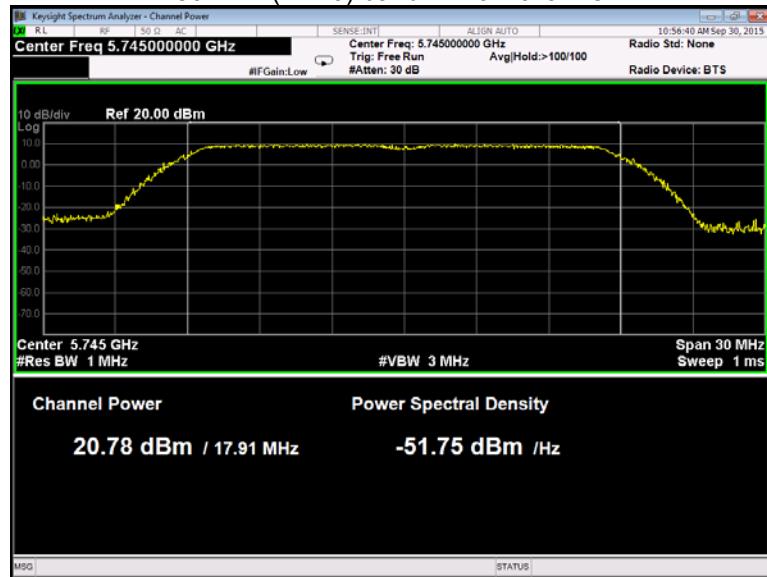
## 802.11a band IV Middle channel



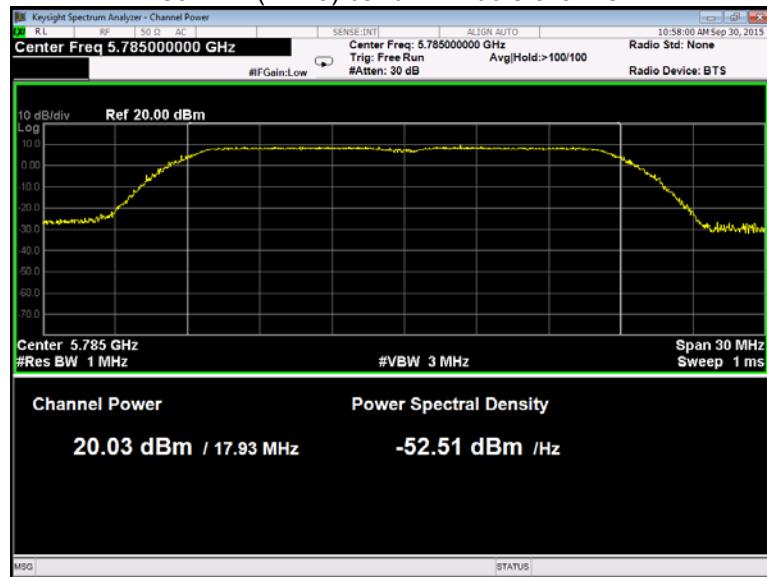
## 802.11a band IV High channel



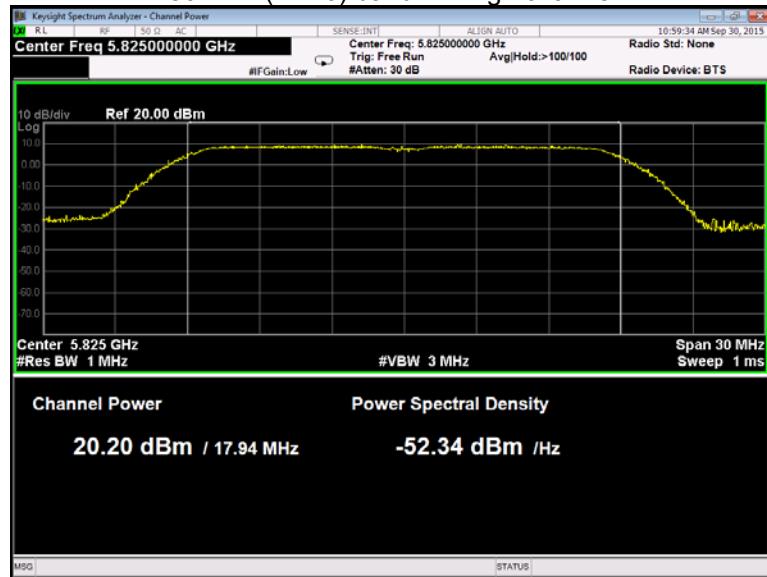
## 802.11n(HT20) band IV Low channel



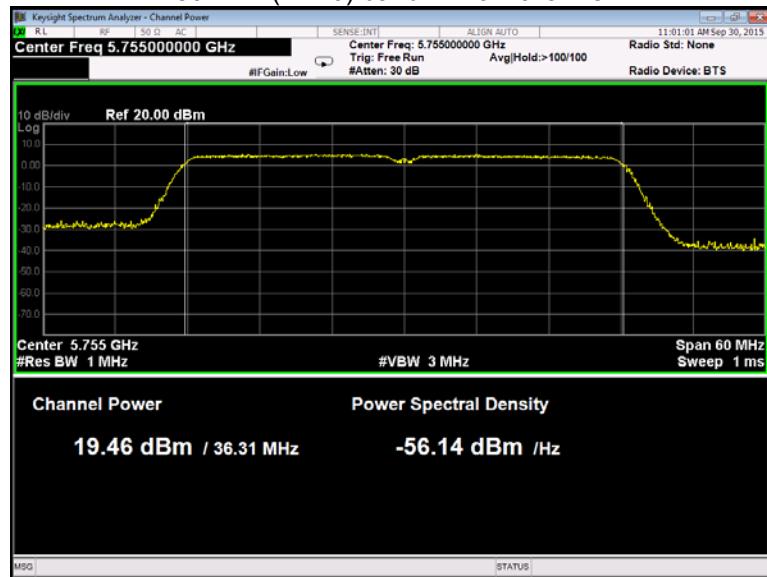
## 802.11n(HT20) band IV Middle channel



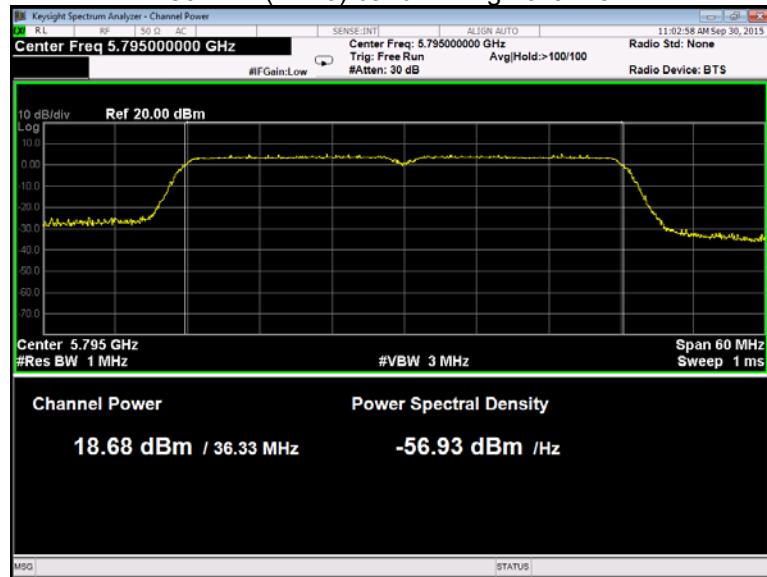
## 802.11n(HT20) band IV High channel



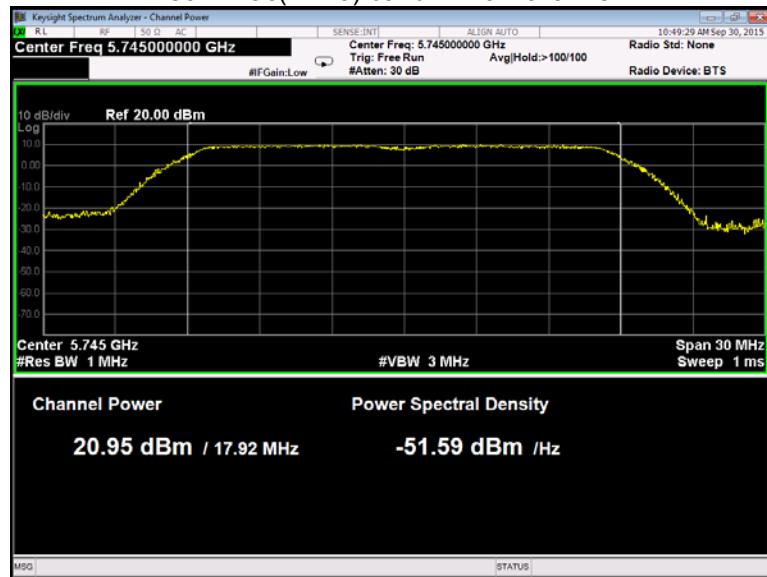
## 802.11n(HT40) band IV Low channel



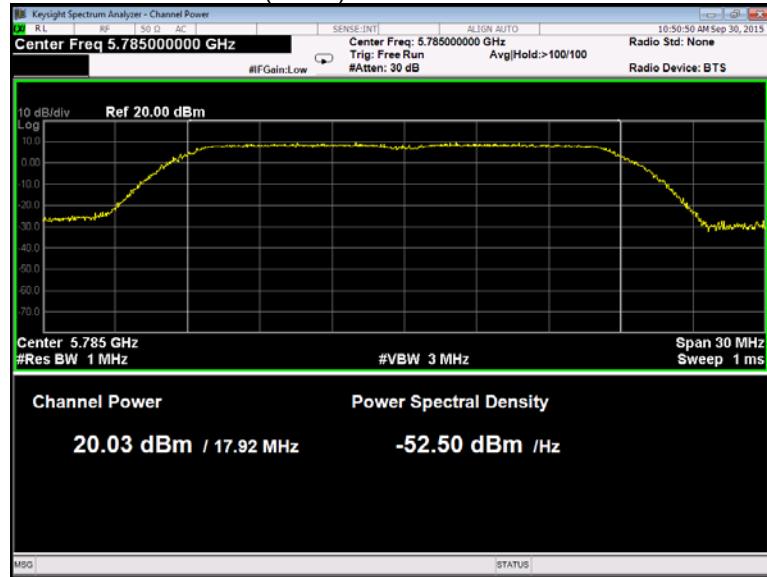
## 802.11n(HT40) band IV High channel



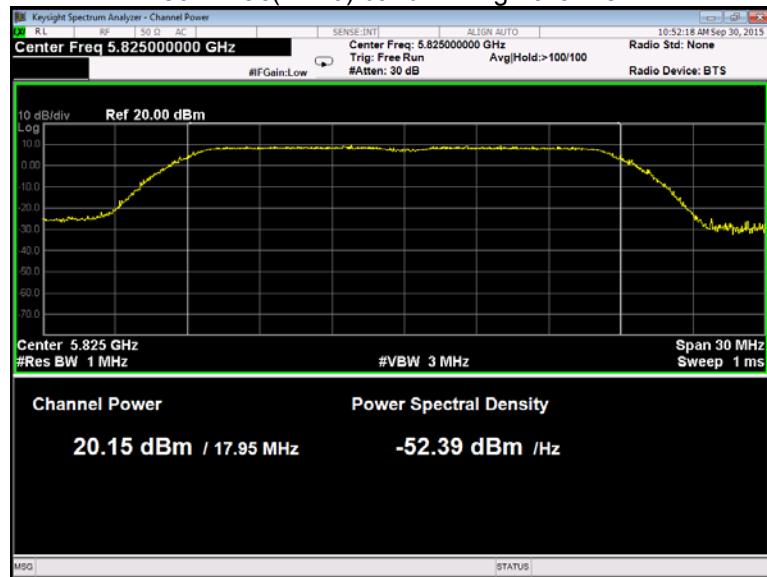
## 802.11ac(HT20) band IV Low channel



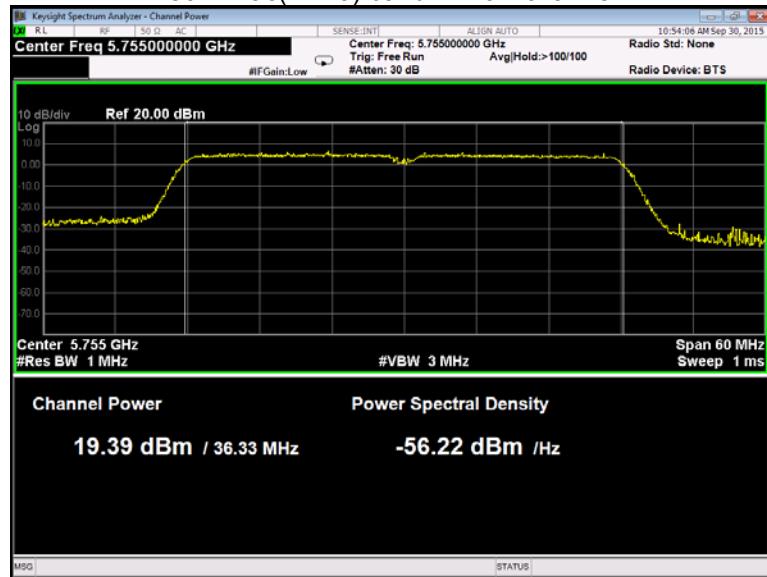
## 802.11ac(HT20) band IV Middle channel



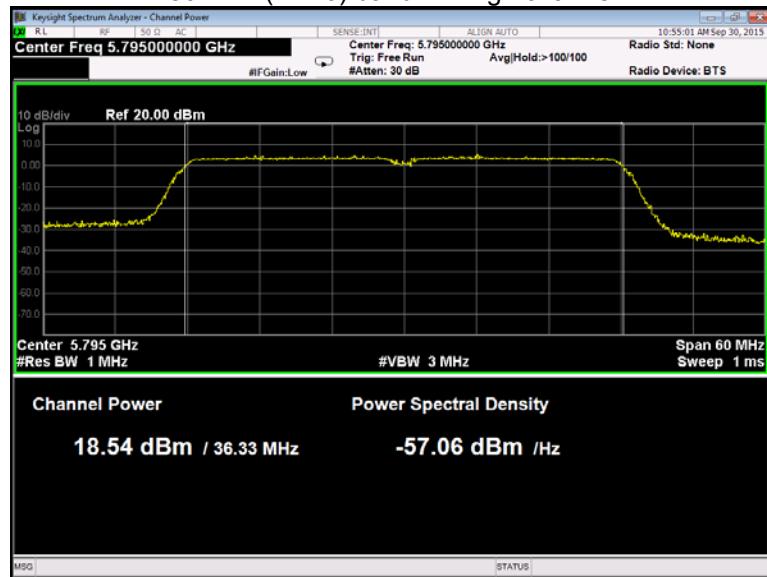
## 802.11ac(HT20) band IV High channel



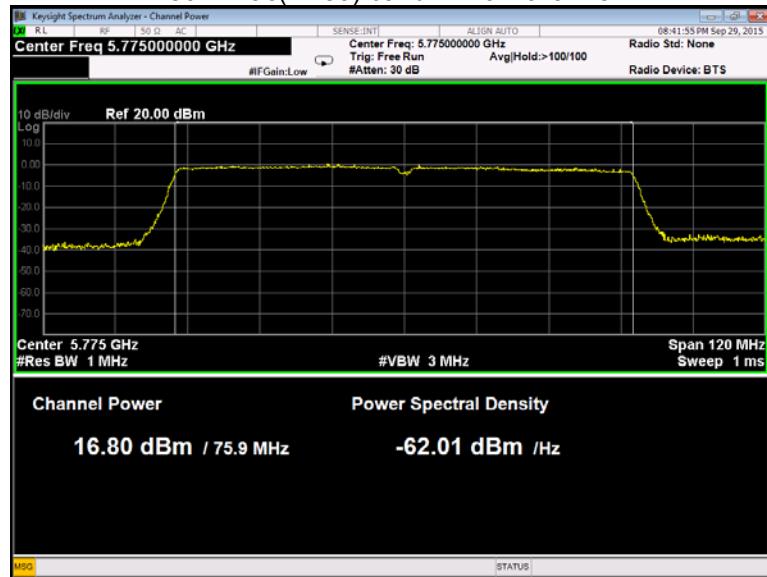
## 802.11ac(HT40) band IV Low channel



## 802.11n(HT40) band IV High channel

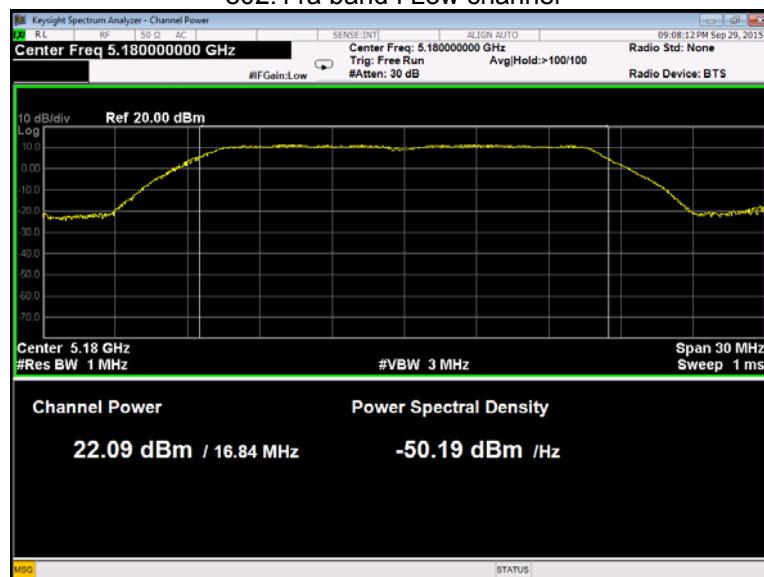


## 802.11ac(HT80) band IV Low channel



**ANT1**

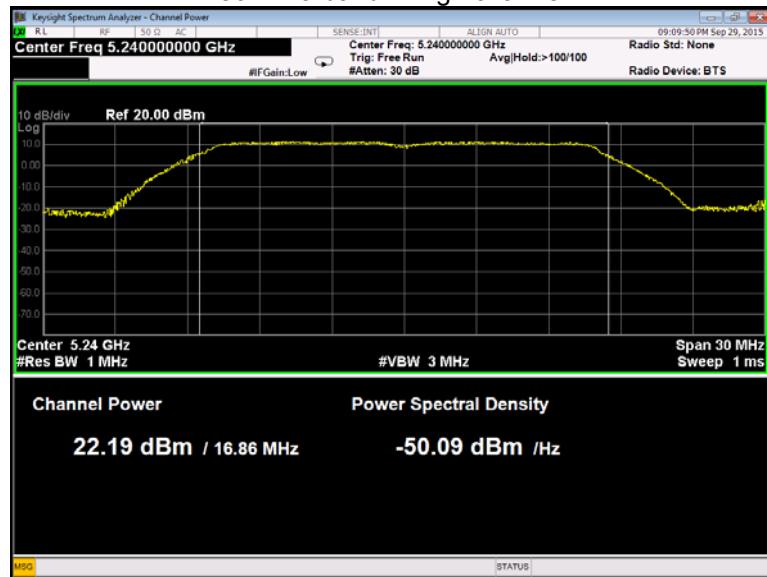
802.11a band I Low channel



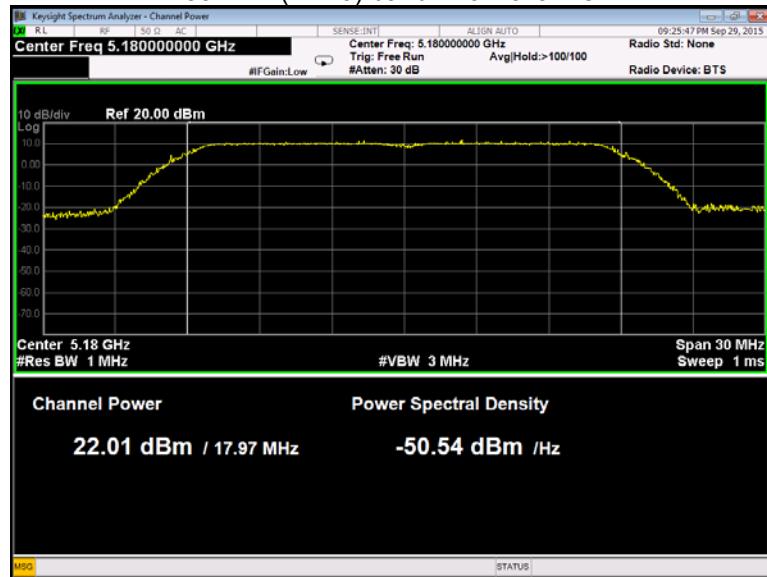
802.11a band I Middle channel



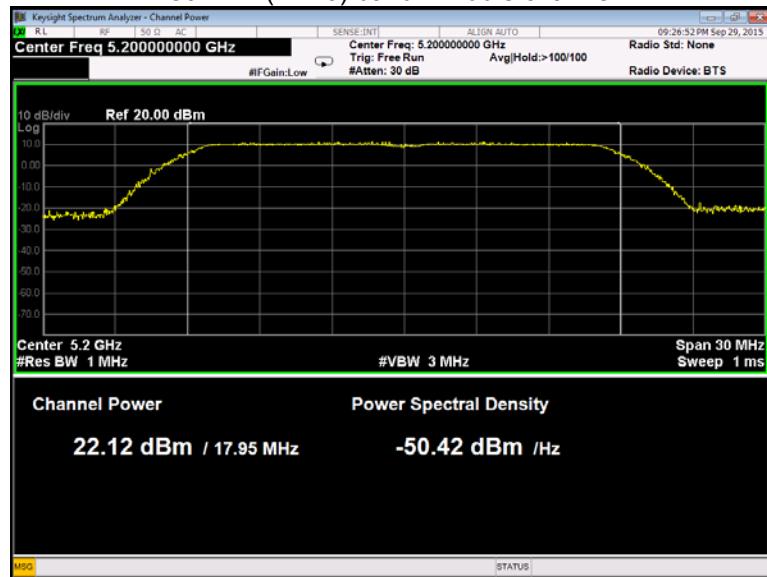
## 802.11a band I High channel



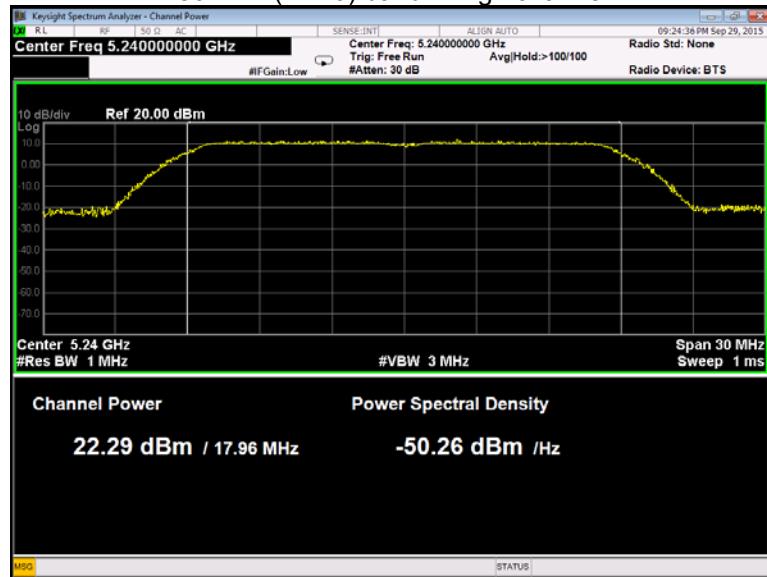
## 802.11n(HT20) band I Low channel

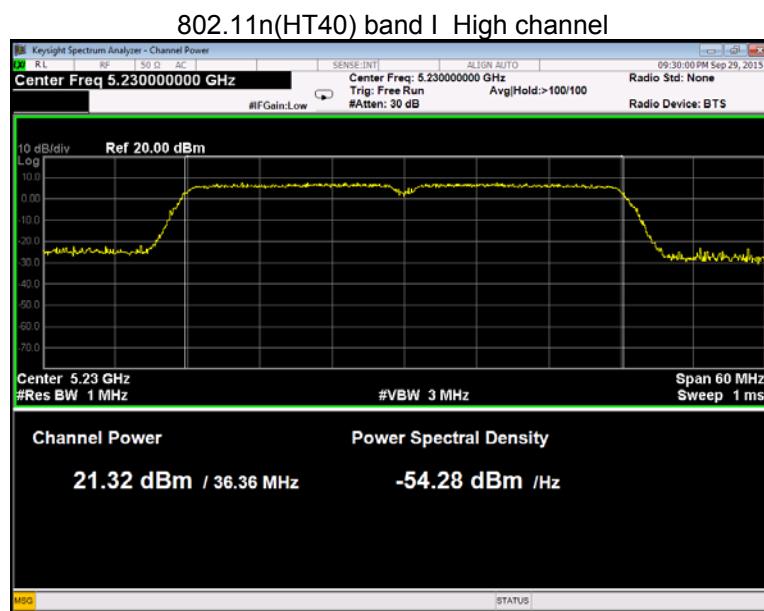


## 802.11n(HT20) band I Middle channel

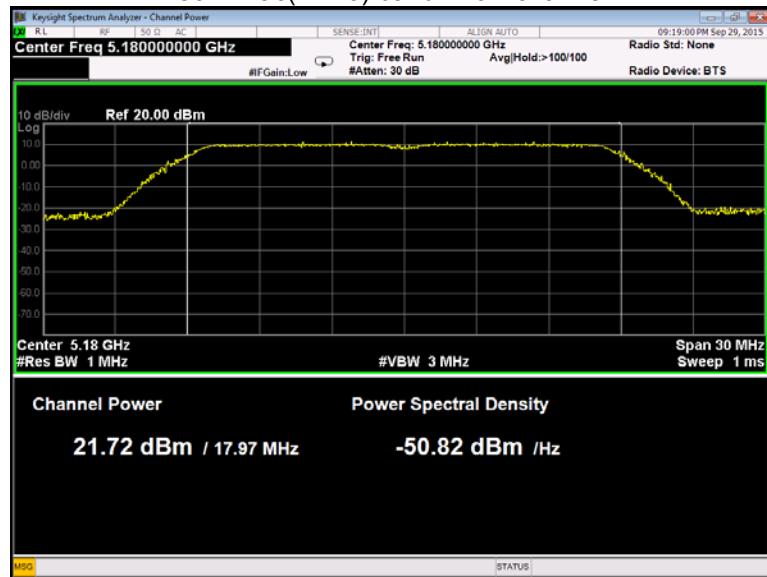


## 802.11n(HT20) band I High channel

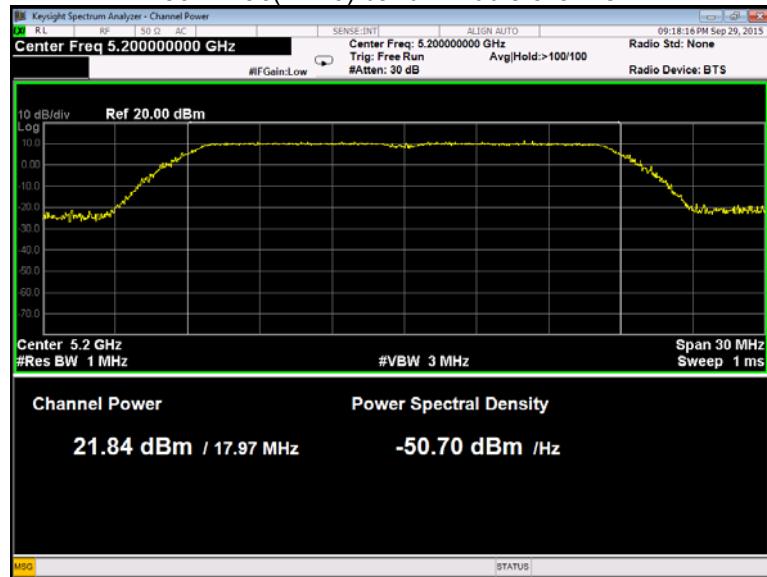




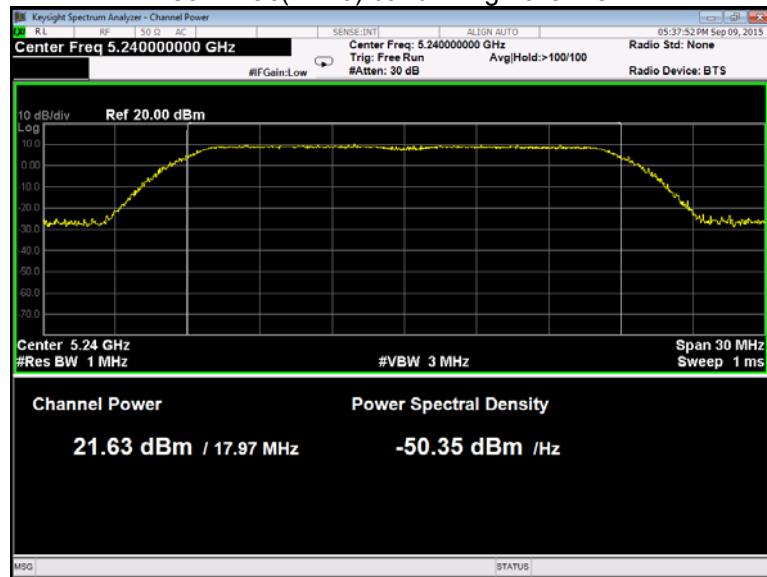
## 802.11ac(HT20) band I Low channel



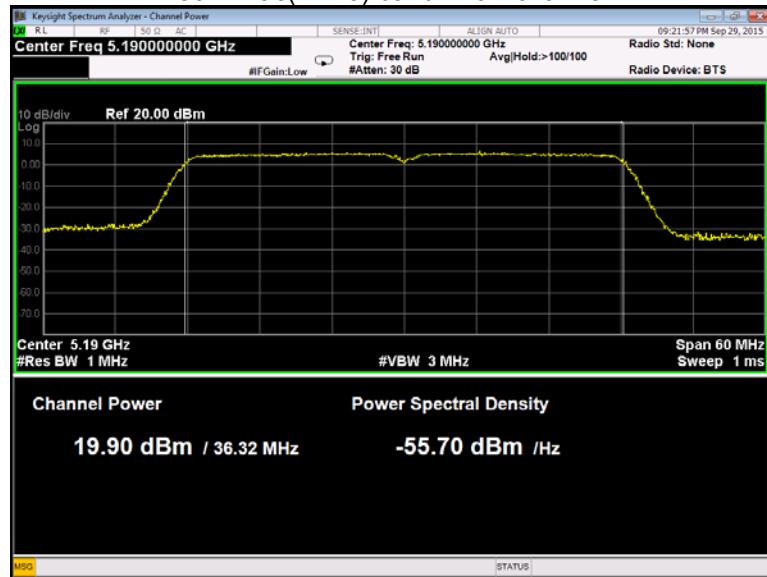
## 802.11ac(HT20) band I Middle channel

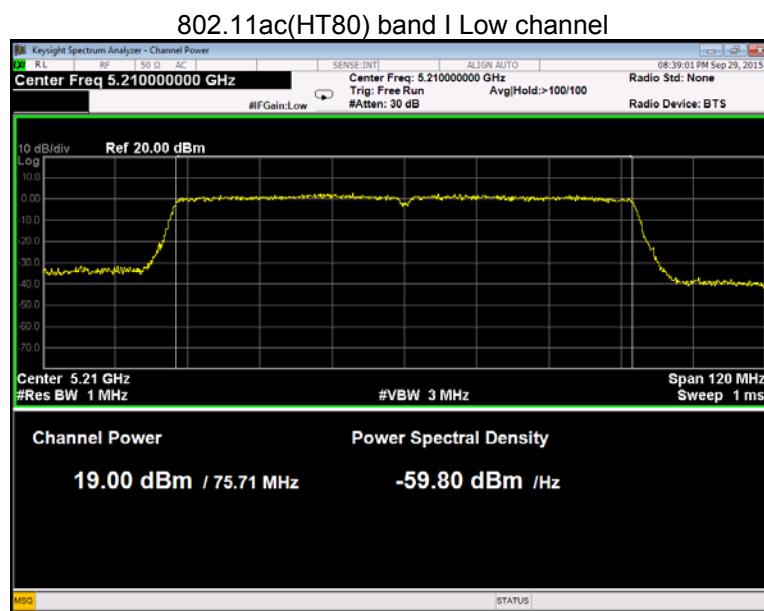
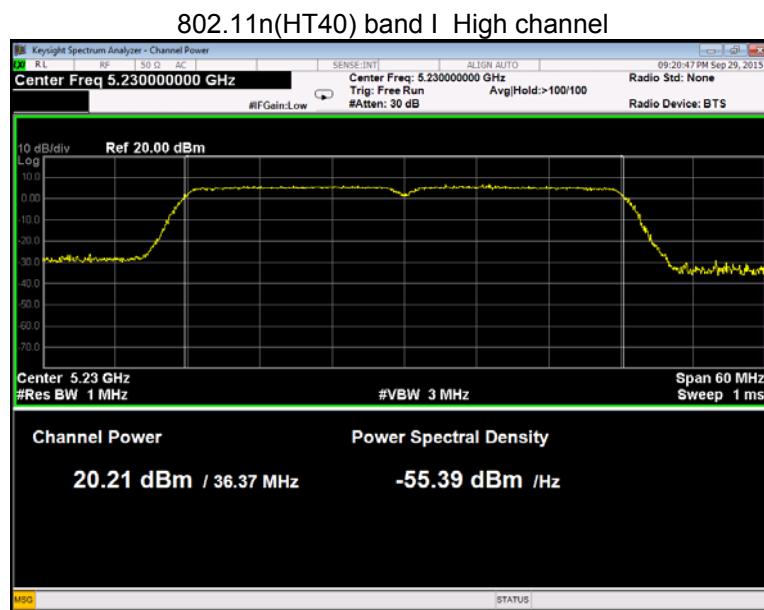


## 802.11ac(HT20) band I High channel

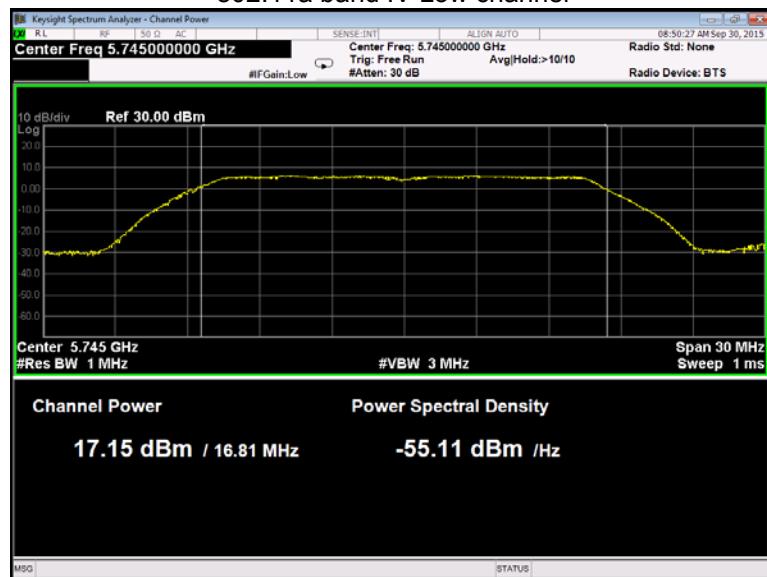


## 802.11ac(HT40) band I Low channel

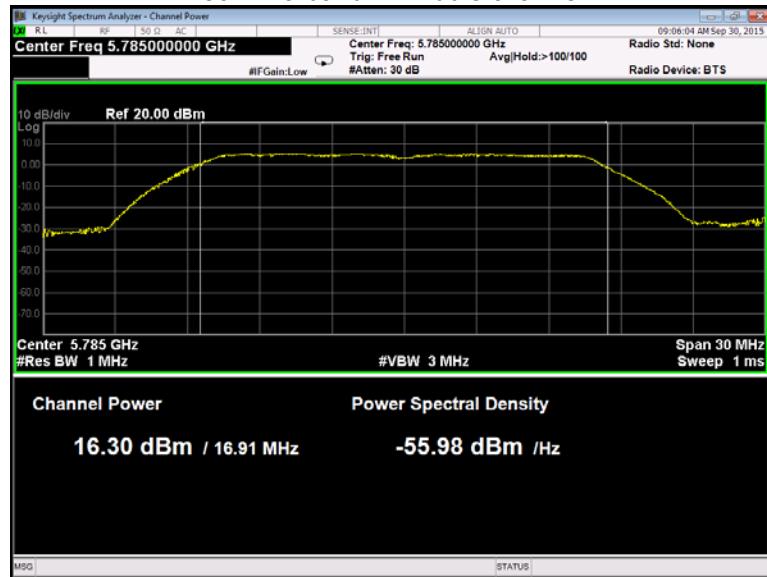




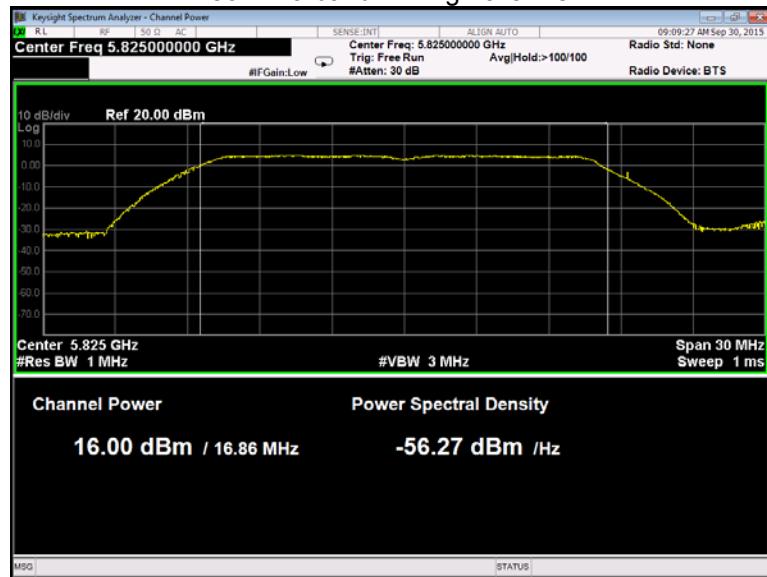
## 802.11a band IV Low channel



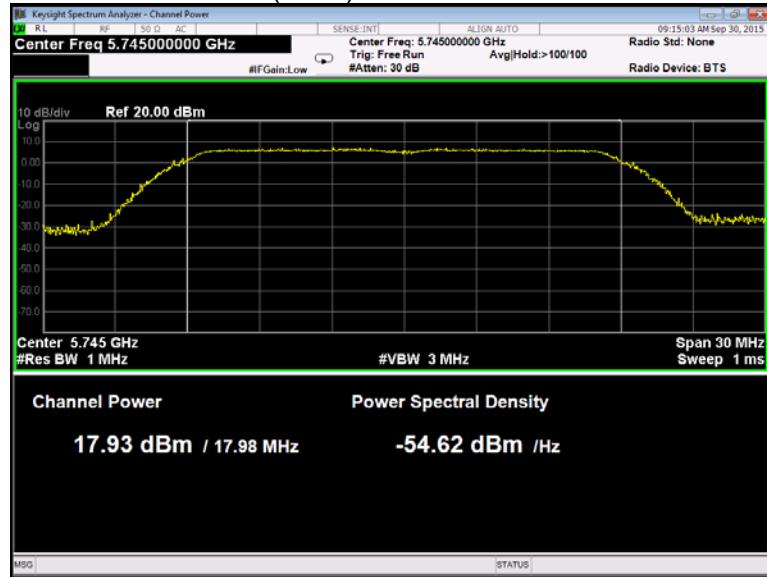
## 802.11a band IV Middle channel



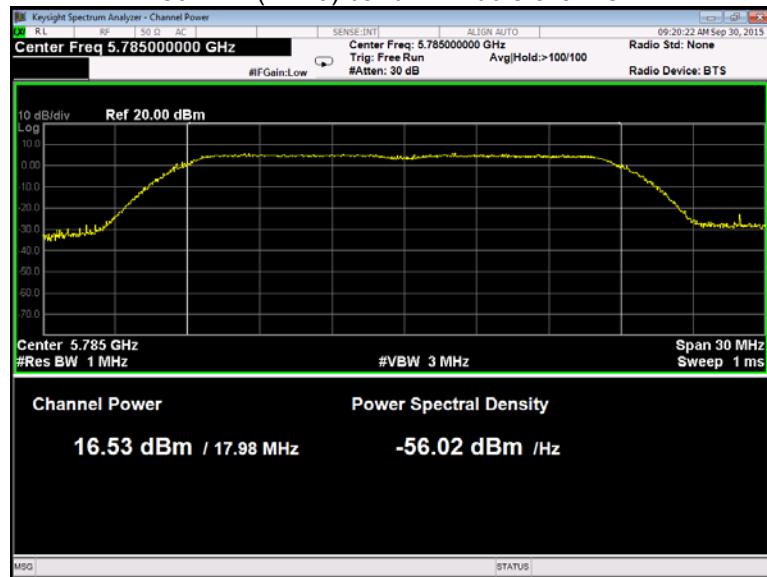
## 802.11a band IV High channel



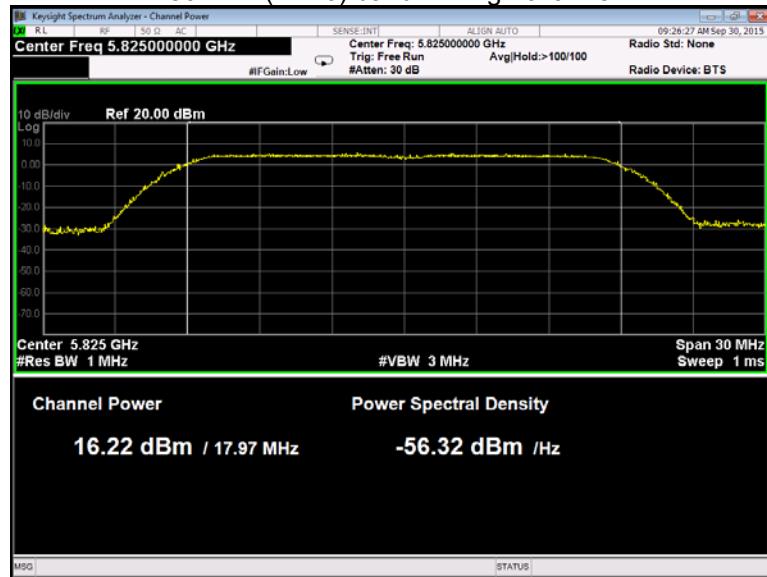
## 802.11n(HT20) band IV Low channel



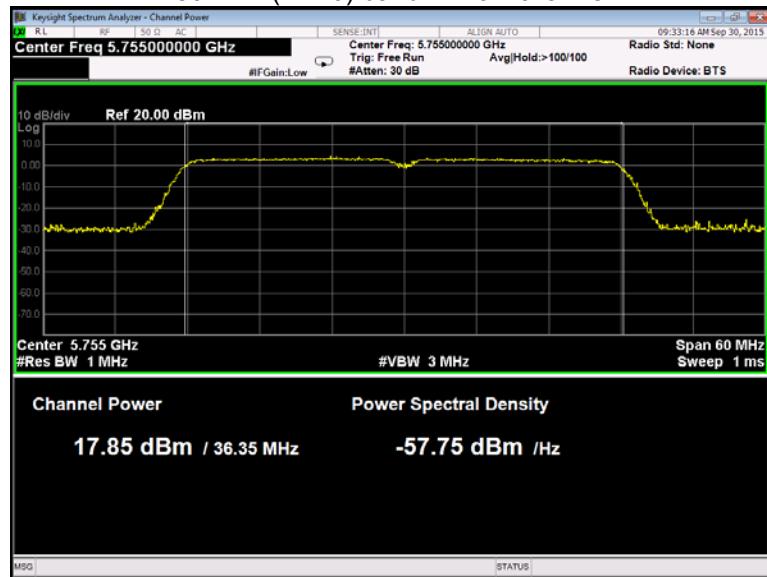
## 802.11n(HT20) band IV Middle channel



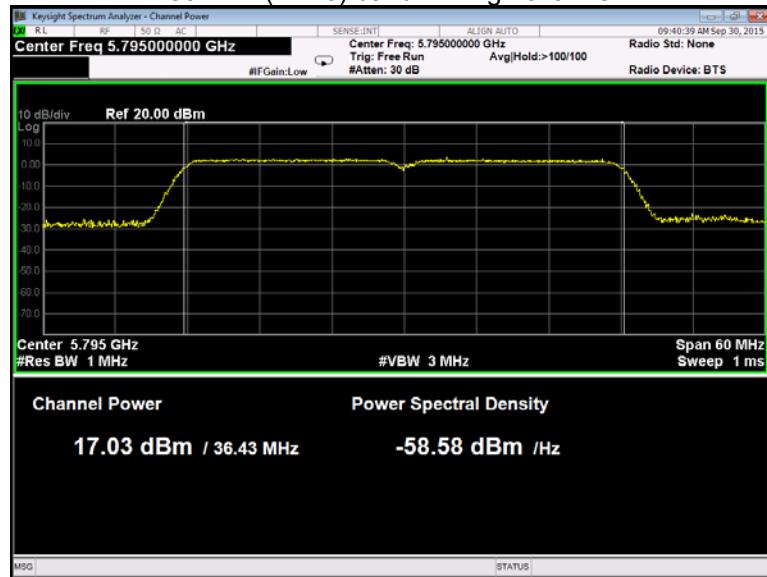
## 802.11n(HT20) band IV High channel



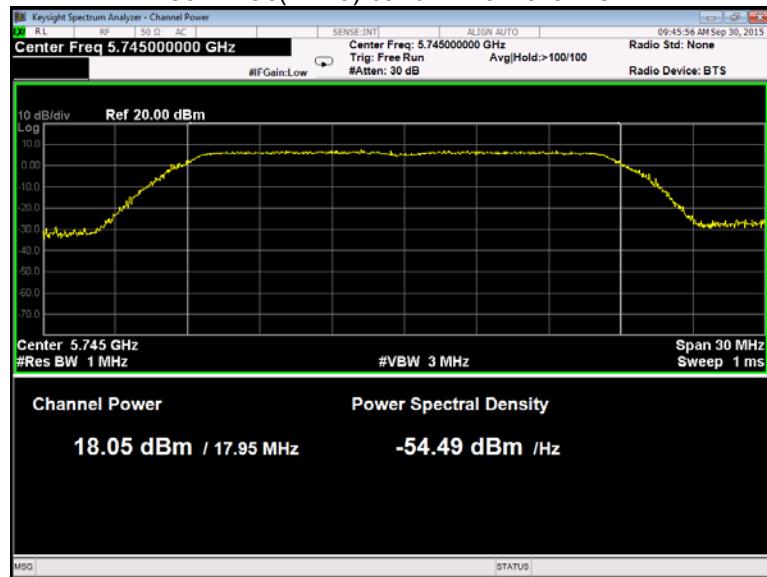
## 802.11n(HT40) band IV Low channel



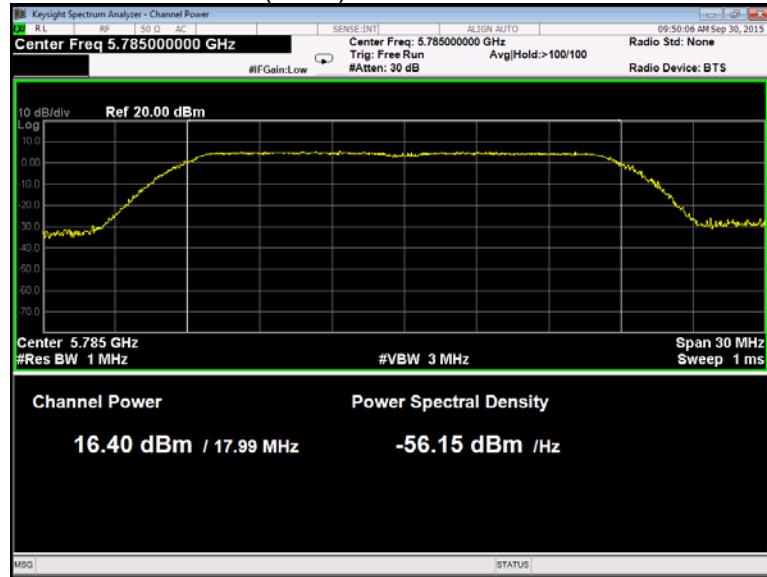
## 802.11n(HT40) band IV High channel



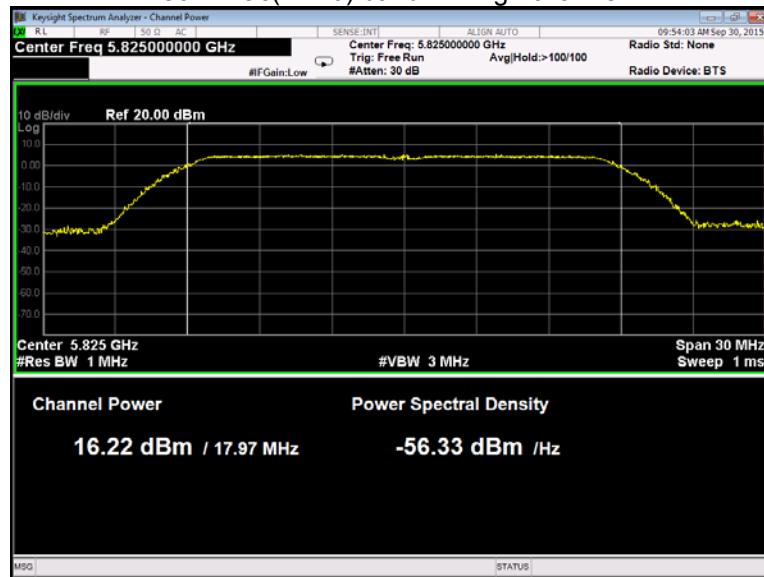
## 802.11ac(HT20) band IV Low channel



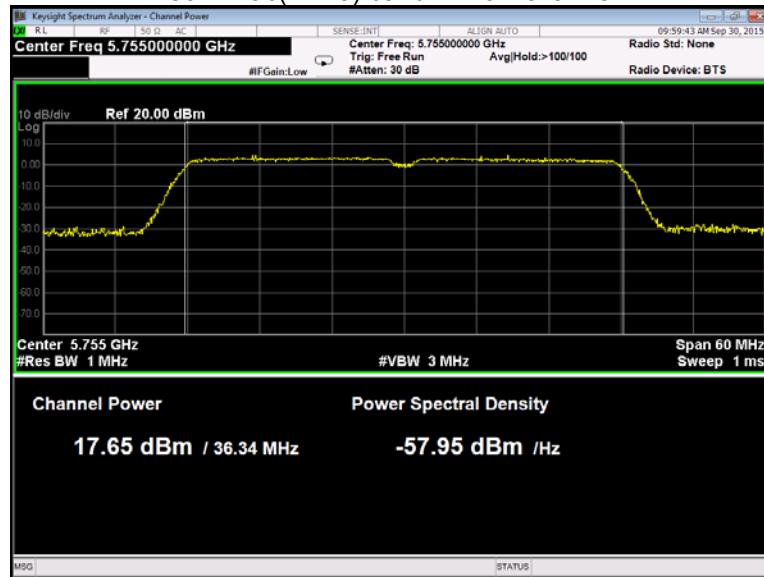
## 802.11ac(HT20) band IV Middle channel



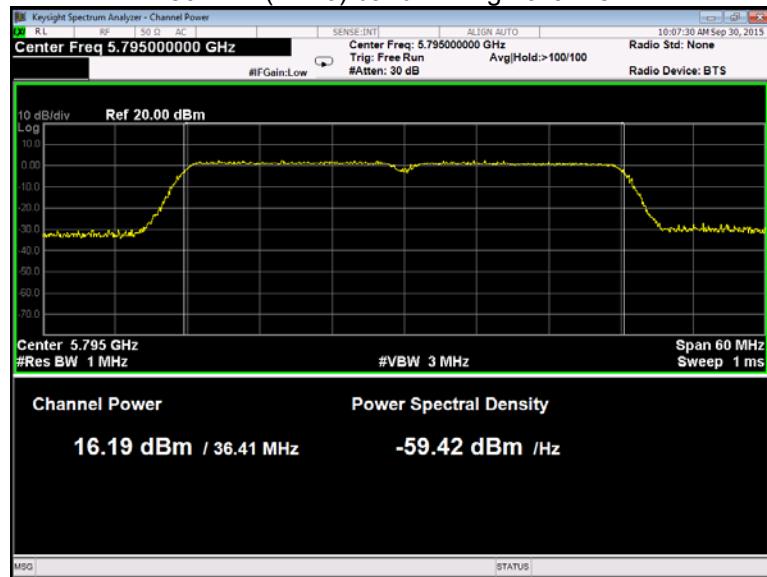
## 802.11ac(HT20) band IV High channel



## 802.11ac(HT40) band IV Low channel



## 802.11n(HT40) band IV High channel



## 802.11ac(HT80) band IV Low channel

