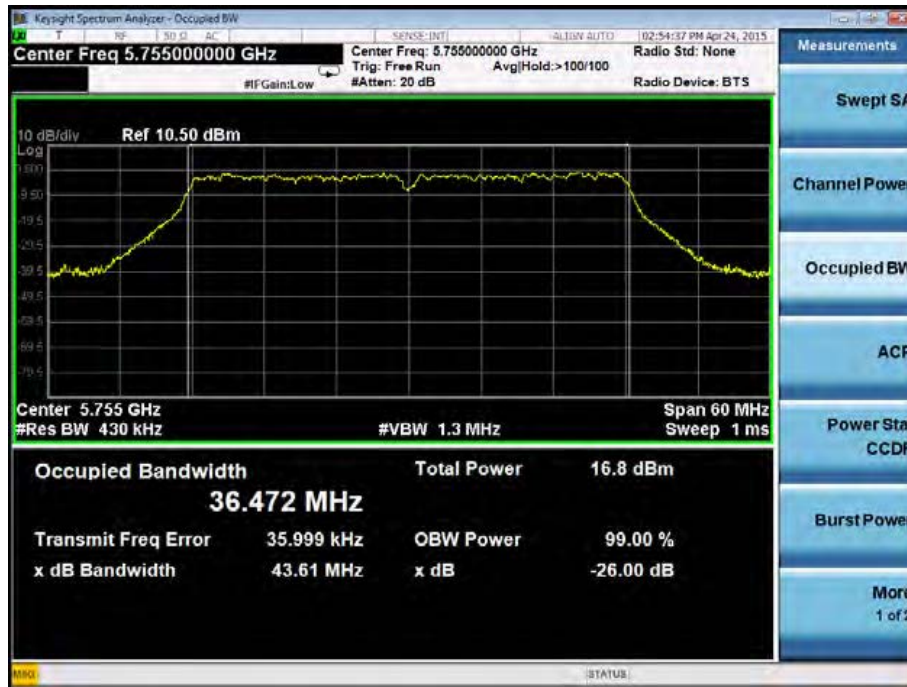


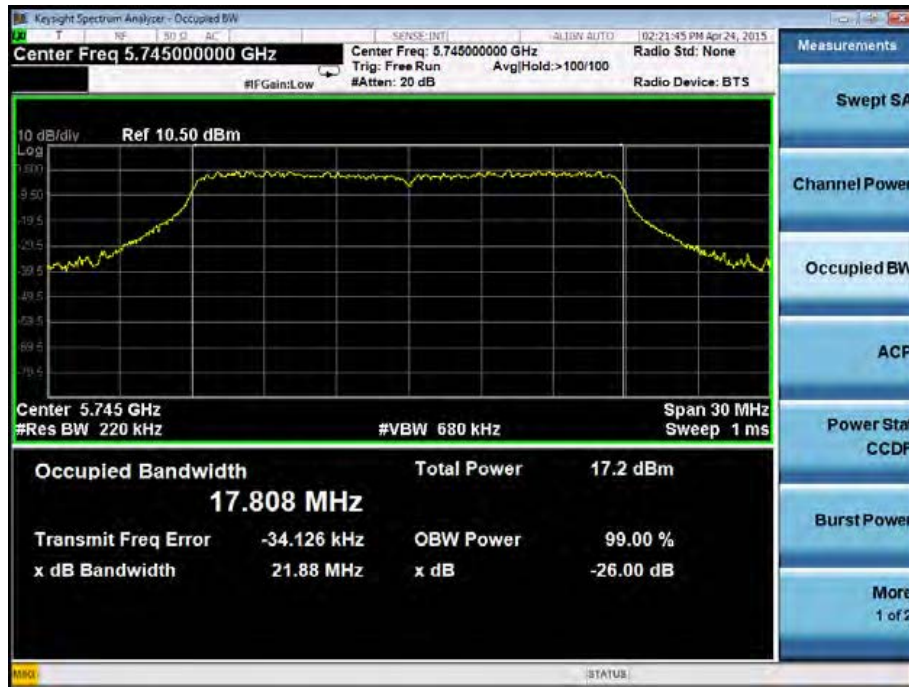
802.11n(HT40) band IV Low channel



802.11n(HT40) band IV High channel



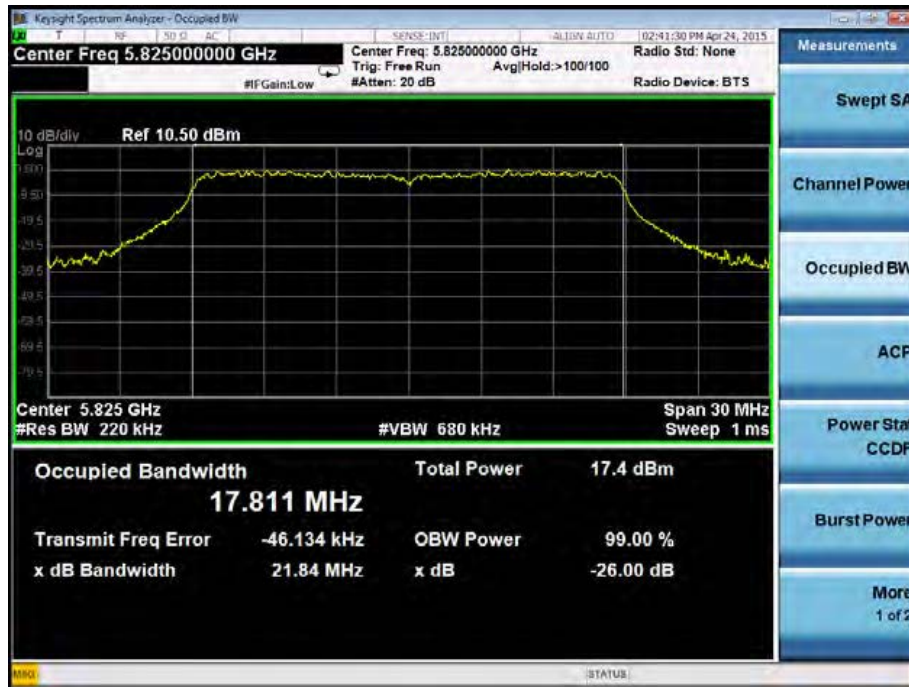
802.11ac(HT20) band IV Low channel



802.11ac(HT20) band IV Middle channel



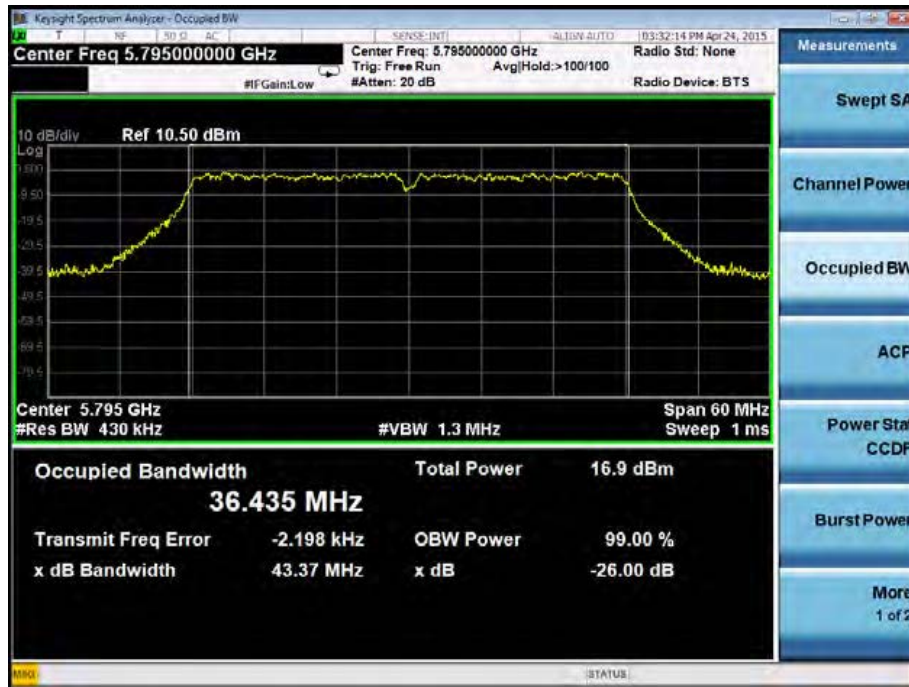
802.11ac(HT20) band IV High channel



802.11ac(HT40) band IV Low channel



802.11n(HT40) band IV High channel



10. 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

Remark: Conducted output power= measurement power+10log(1/x)
X is duty cycle=1, so 10log(1/1)=0
Conducted output power= measurement power

10.1 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.

10.2 Test Result

Band	Operation mode	Conducted Output Power (dBm)		
		Low	Middle	High
Band I	802.11a	16.56	16.27	16.88
	802.11n(HT20)	16.81	16.86	16.69
	802.11n(HT40)	16.47	/	16.91
	802.11ac(HT20)	16.82	16.84	16.61
	802.11ac(HT40)	16.41	/	16.63
Band IV	802.11a	11.64	11.31	11.37
	802.11n(HT20)	12.15	11.78	11.64
	802.11n(HT40)	10.60	/	10.91
	802.11ac(HT20)	11.06	11.44	11.21

	802.11ac(HT40)	10.49	/	10.86
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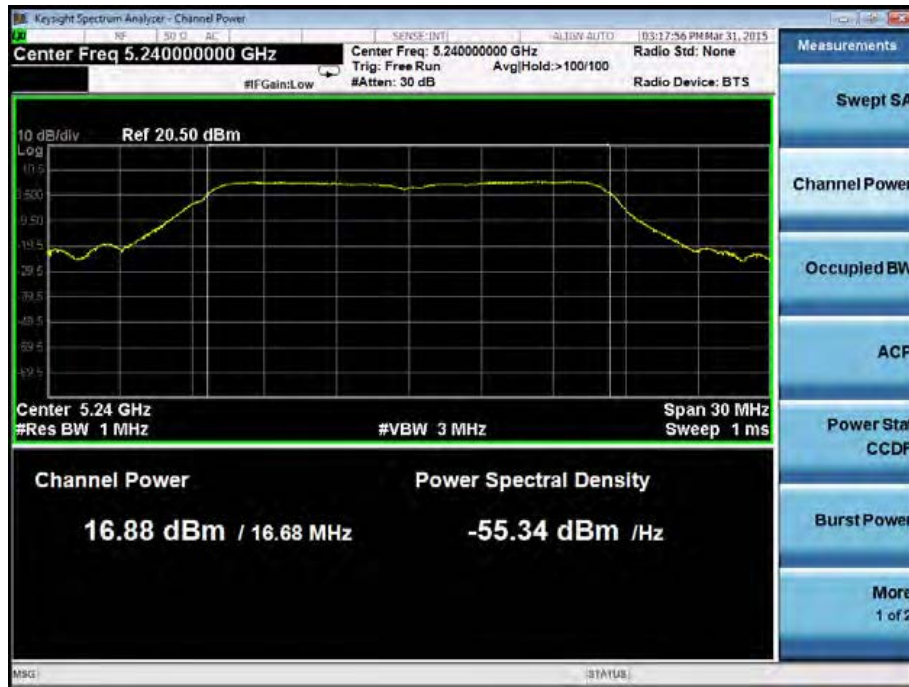
802.11a band I Low channel



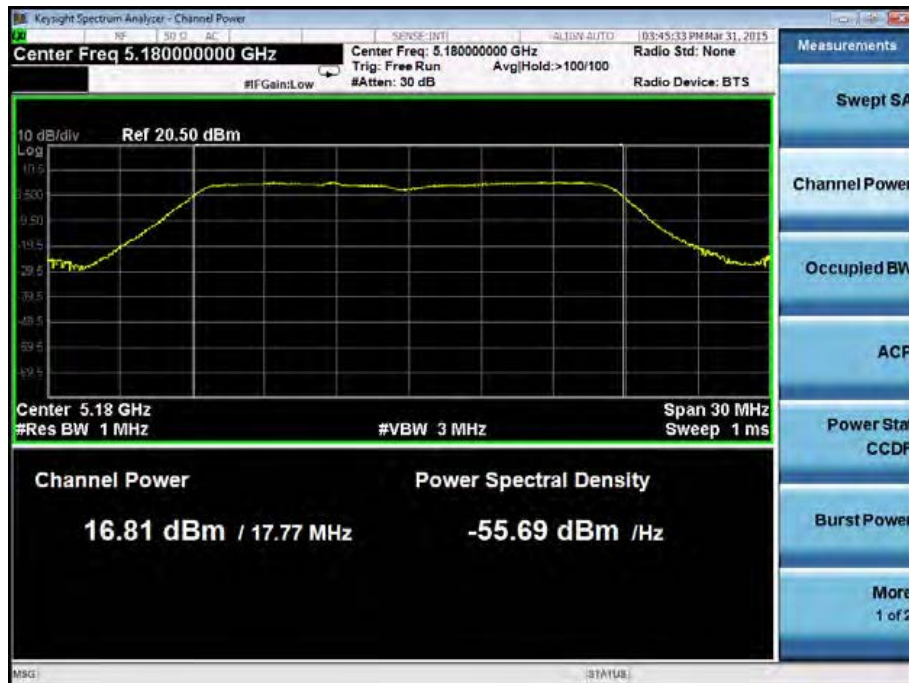
802.11a band I Middle channel



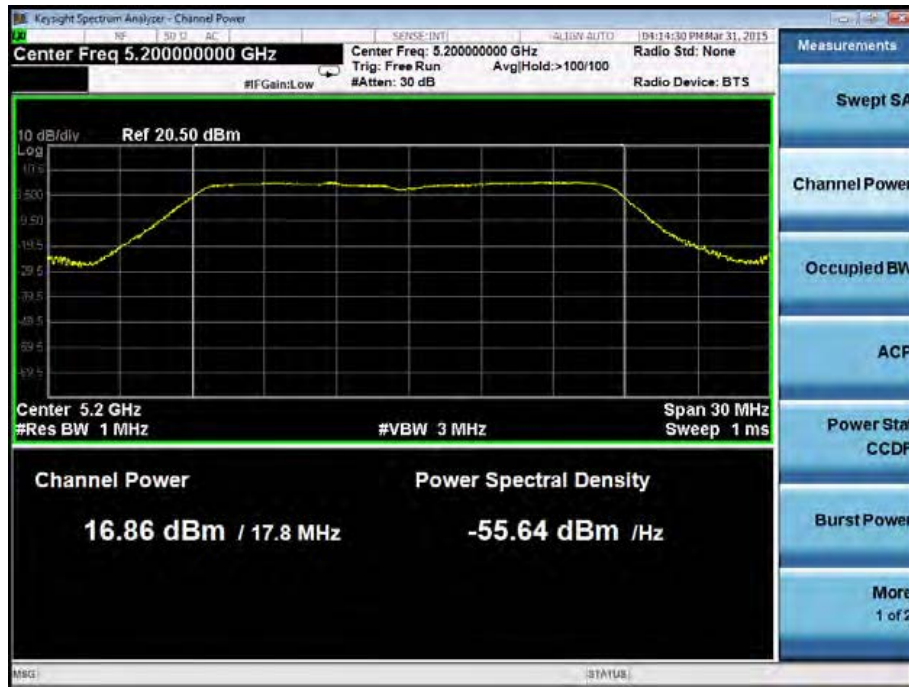
802.11a band I High channel



802.11n(HT20) band I Low channel



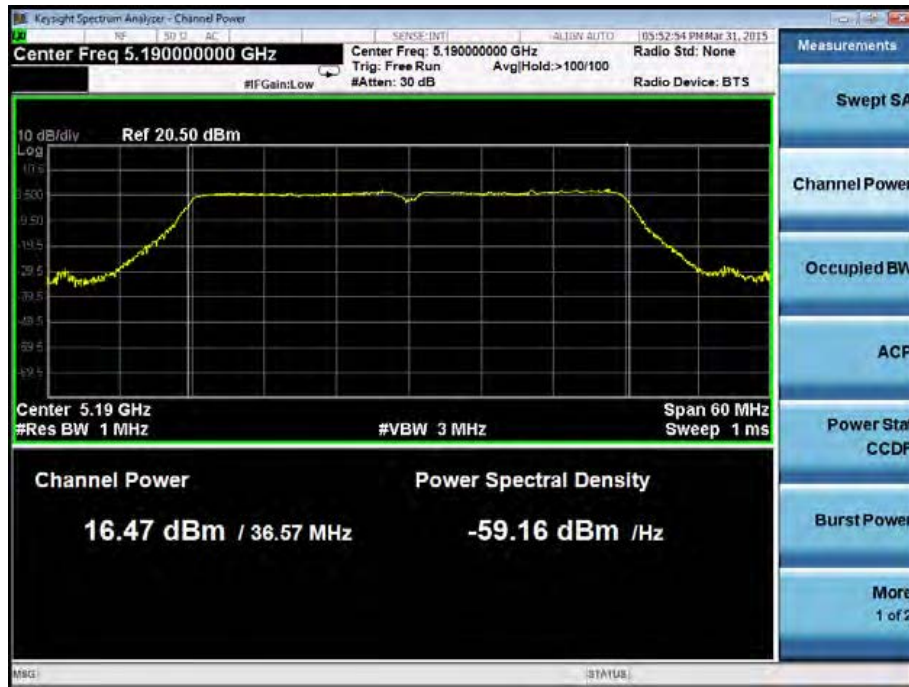
802.11n(HT20) band I Middle channel



802.11n(HT20) band I High channel



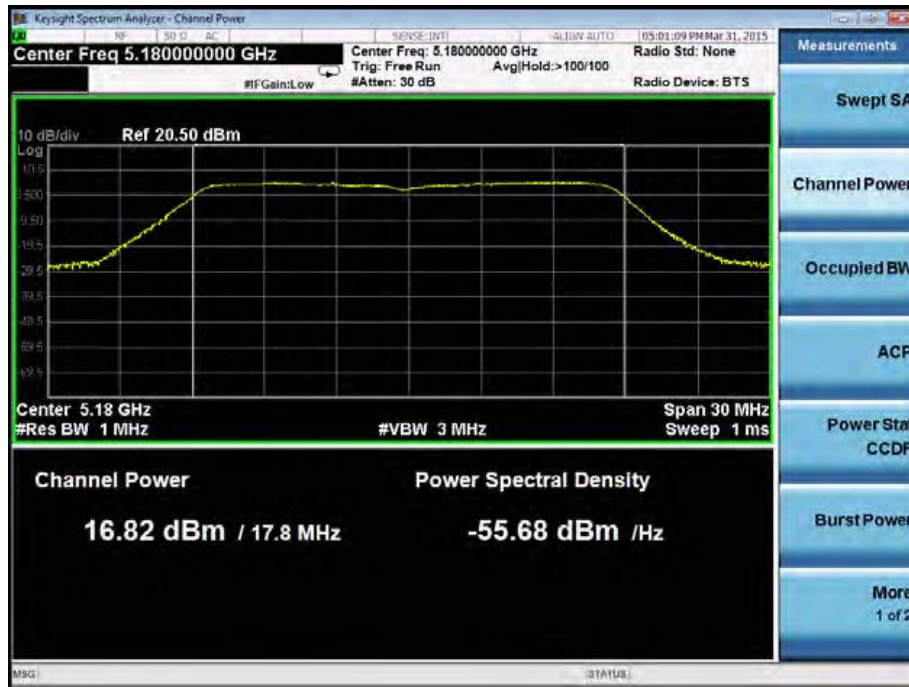
802.11n(HT40) band I Low channel



802.11n(HT40) band I High channel



802.11ac(HT20) band I Low channel



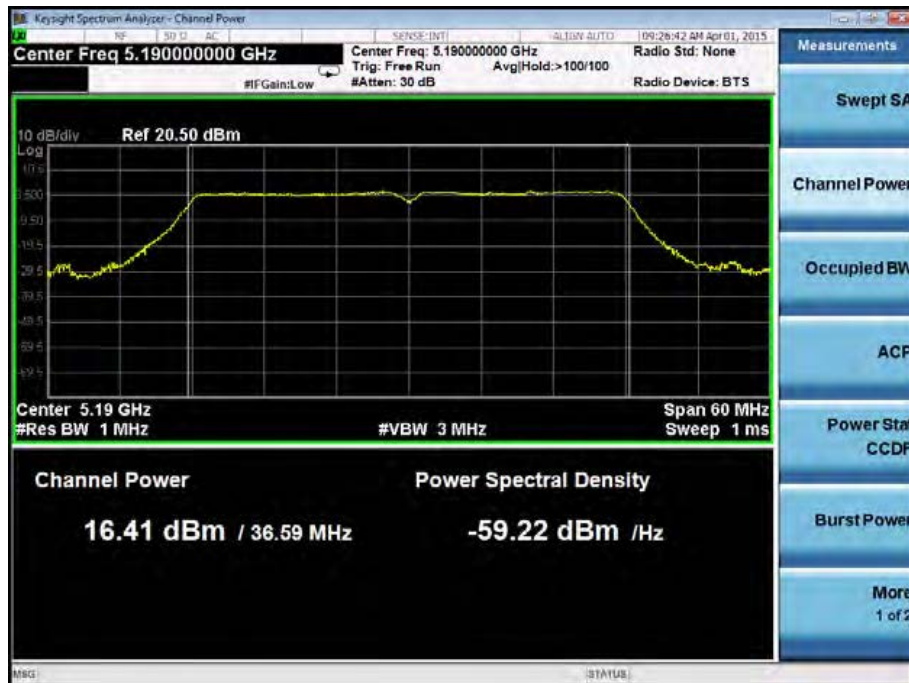
802.11ac(HT20) band I Middle channel



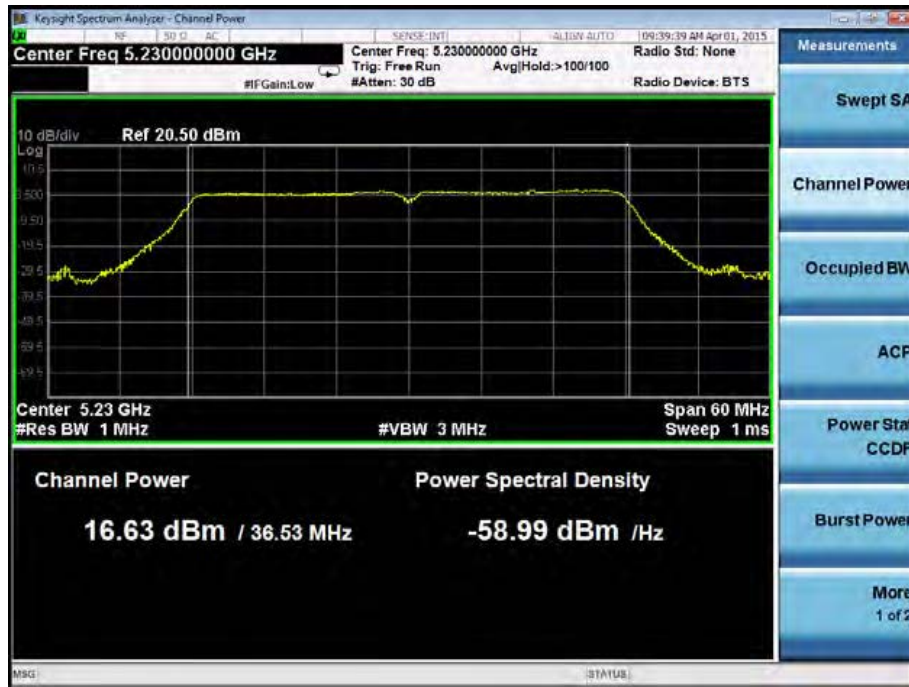
802.11ac(HT20) band I High channel



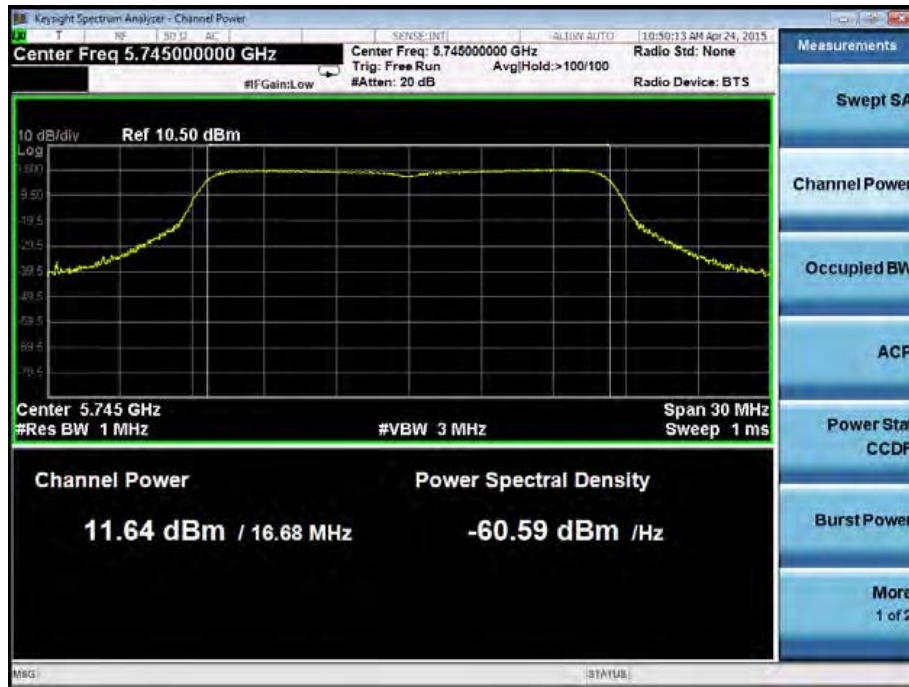
802.11ac(HT40) band I Low channel



802.11n(HT40) band I High channel



802.11a band IV Low channel



802.11a band IV Middle channel



802.11a band IV High channel



802.11n(HT20) band IV Low channel

