

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

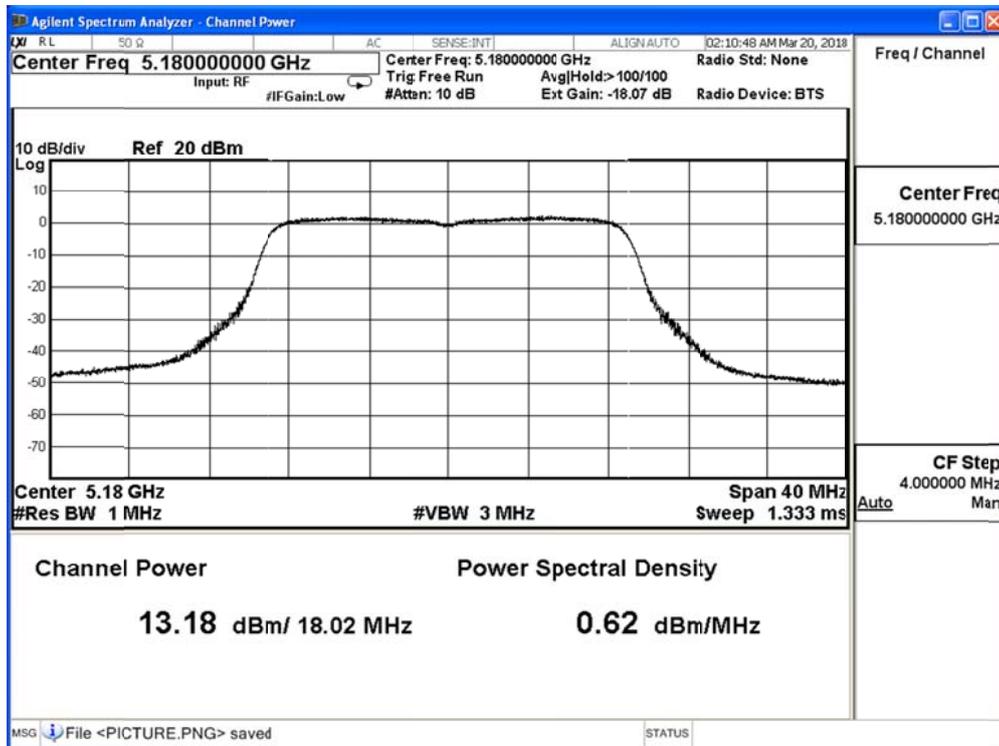
IEEE 802.11n(20MHz)(ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	13.180	≤23.979
44	5220	13.220	≤23.979
48	5240	13.270	≤23.979

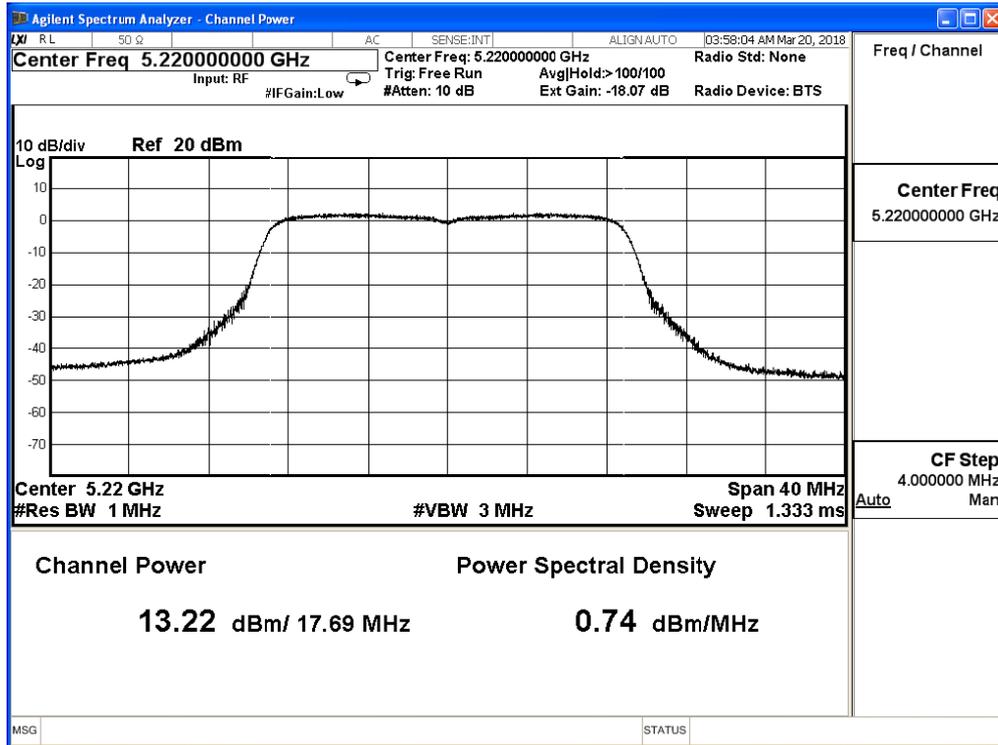
The worst emission of data rate is MCS0

Channel No	Frequency (MHz)	MCS Index								Required Limit
		0	1	2	3	4	5	6	7	
36	5180	13.180	--	--	--	--	--	--	--	≤23.979dBm
44	5220	13.220	13.090	12.950	12.820	12.670	12.530	12.390	12.260	
48	5240	13.270	--	--	--	--	--	--	--	

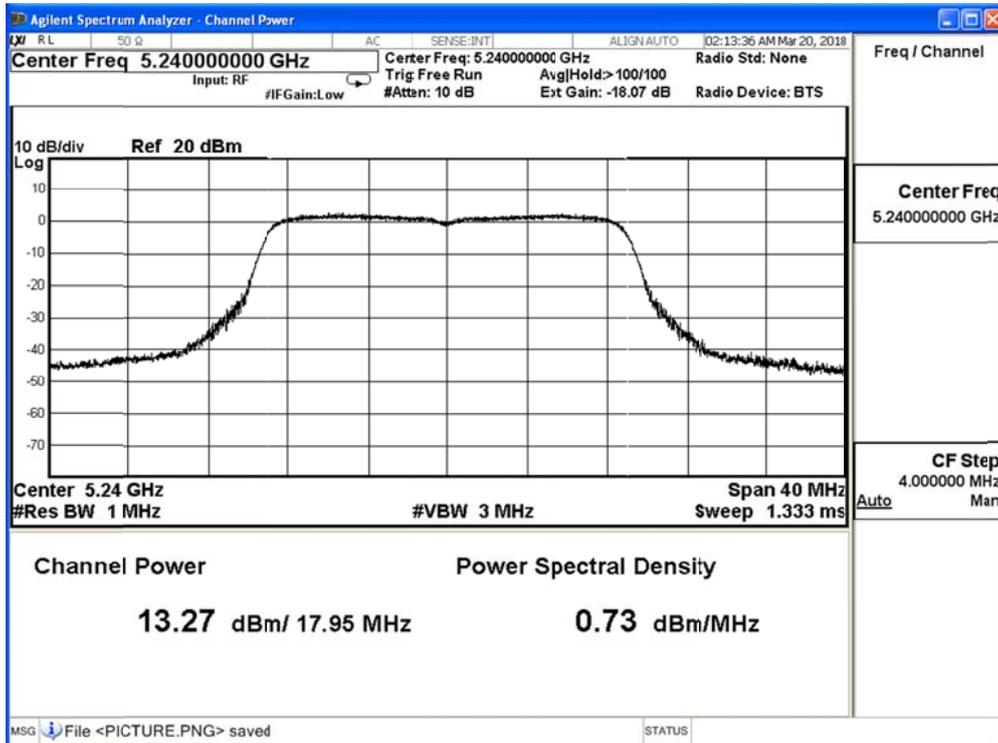
Peak transmit Power - Channel 36



Peak transmit Power - Channel 44



Peak transmit Power - Channel 48



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

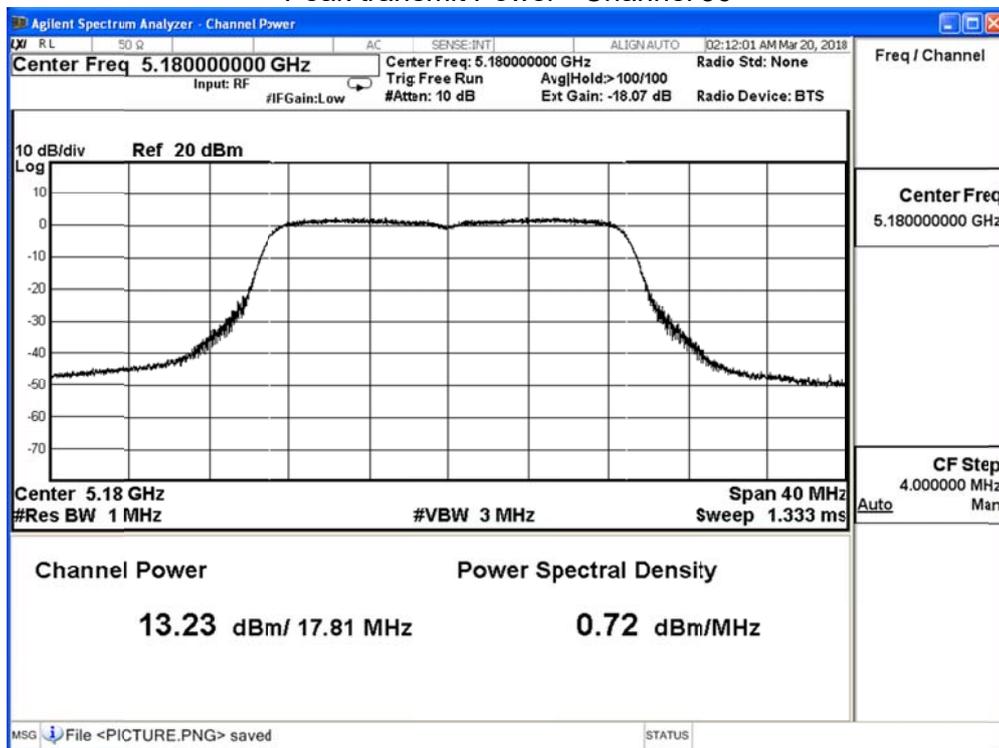
IEEE 802.11n(20MHz)(ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	13.230	≤23.979
44	5220	13.280	≤23.979
48	5240	13.360	≤23.979

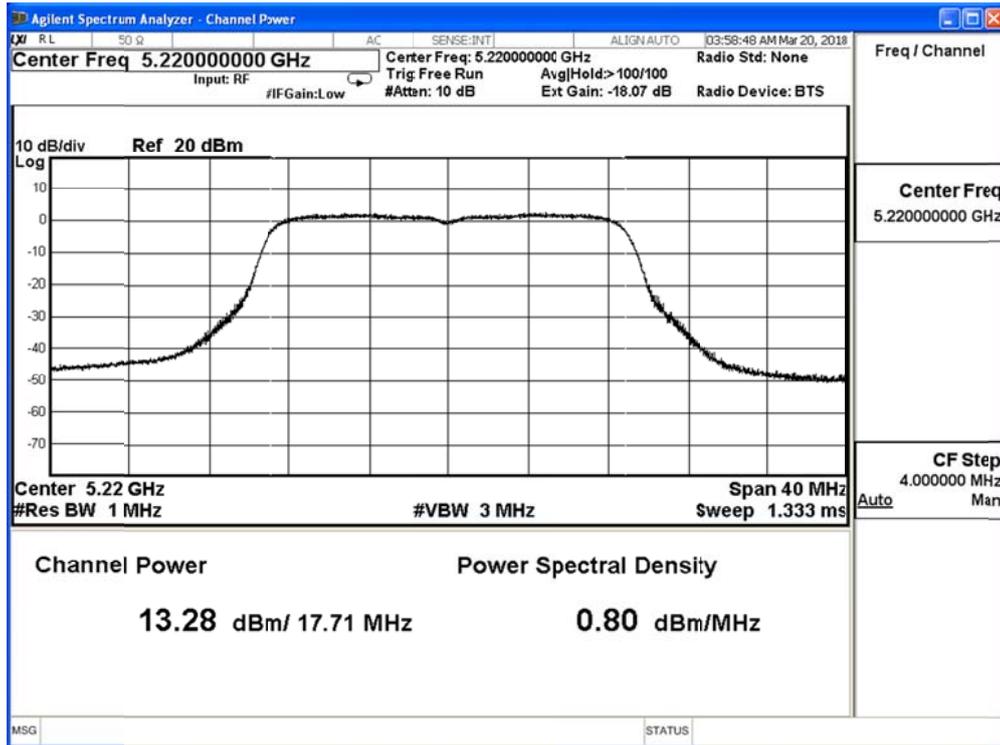
The worst emission of data rate is MCS0

Channel No	Frequency (MHz)	MCS Index								Required Limit
		0	1	2	3	4	5	6	7	
36	5180	13.230	--	--	--	--	--	--	--	≤23.979dBm
44	5220	13.280	13.150	13.000	12.860	12.720	12.590	12.450	12.310	
48	5240	13.360	--	--	--	--	--	--	--	

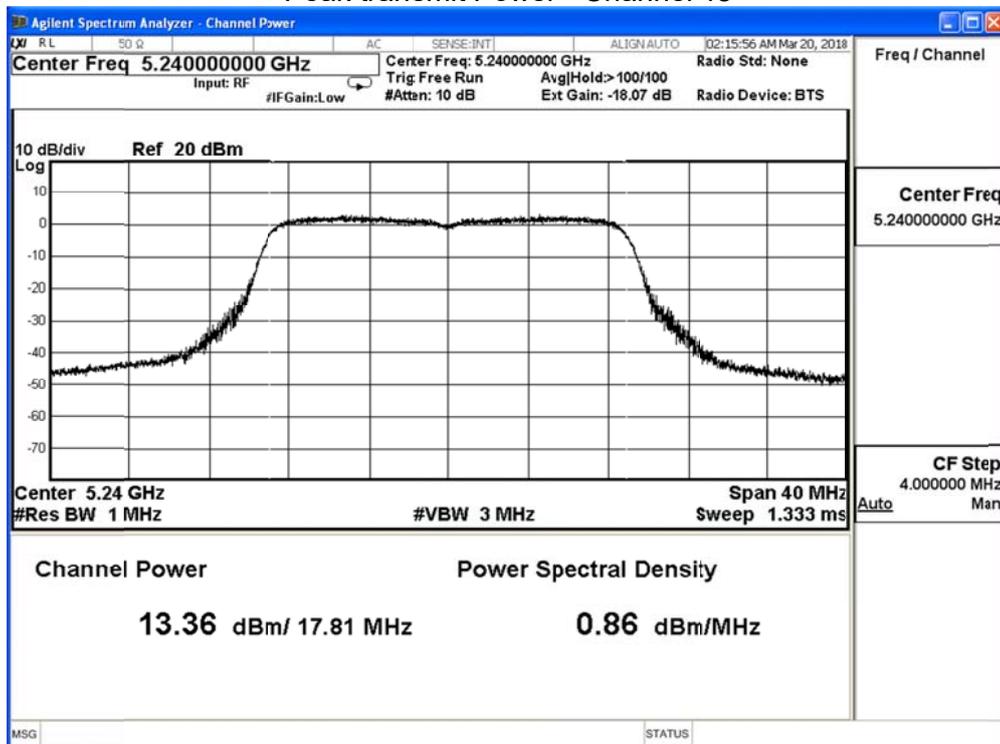
Peak transmit Power - Channel 36



Peak transmit Power - Channel 44



Peak transmit Power - Channel 48



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11n(20MHz)(ANT 0+1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	16.215	≤23.979
44	5220	16.260	≤23.979
48	5240	16.326	≤23.979

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

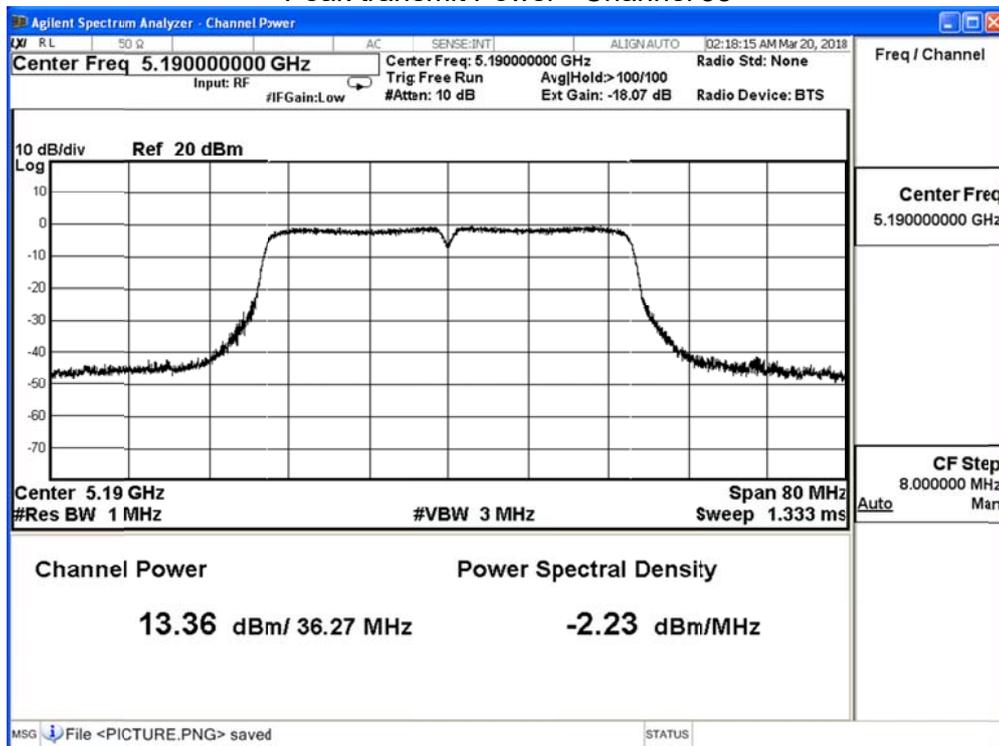
IEEE 802.11n(40MHz)(ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
38	5190	13.360	≤23.979
46	5230	13.290	≤23.979

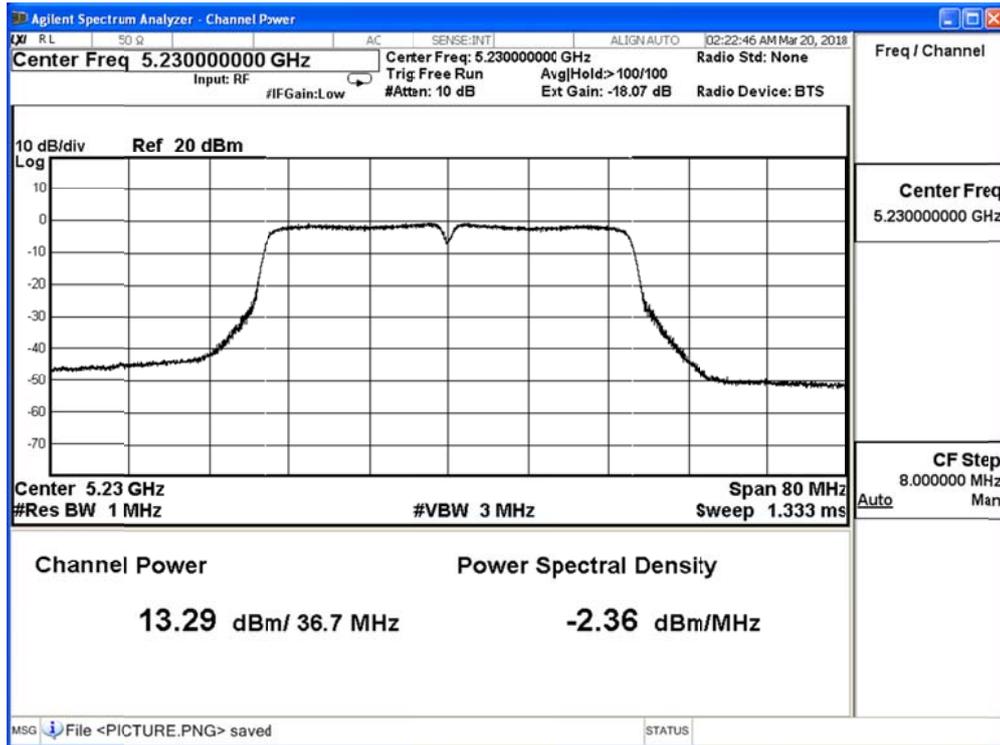
The worst emission of data rate is MCS 0

Channel No	Frequency (MHz)	MCS Index								Required Limit
		0	1	2	3	4	5	6	7	
38	5190	13.360	--	--	--	--	--	--	--	≤23.979dBm
46	5230	13.290	13.140	13.000	12.860	12.720	12.590	12.440	12.290	

Peak transmit Power - Channel 38



Peak transmit Power - Channel 46



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

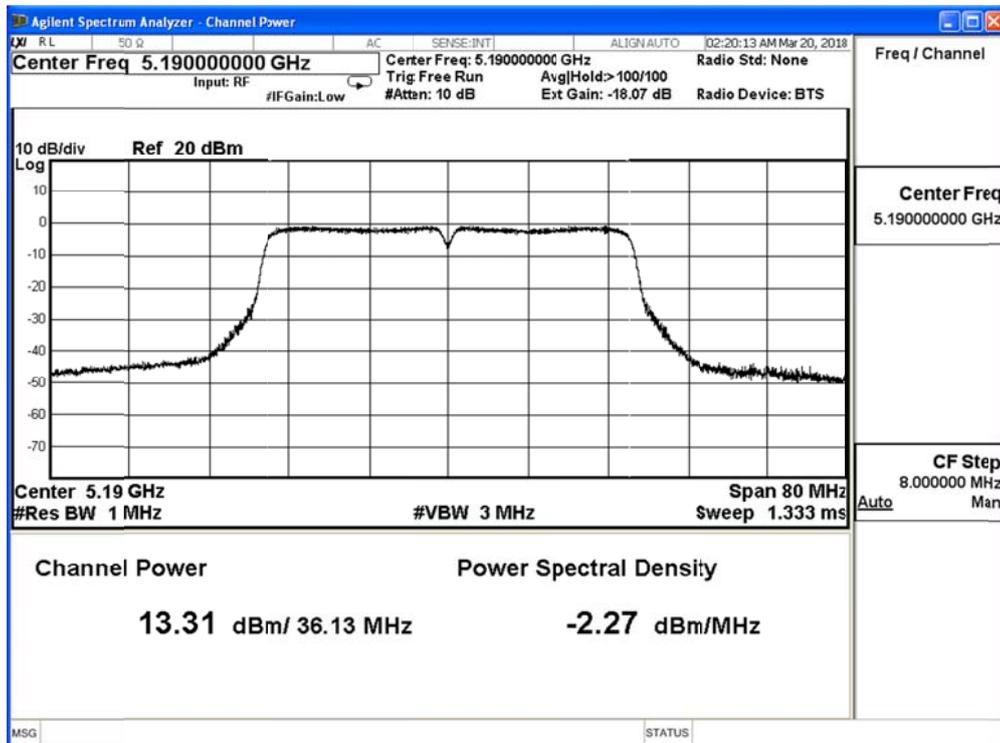
IEEE 802.11n(40MHz)(ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
38	5190	13.310	≤23.979
46	5230	13.250	≤23.979

The worst emission of data rate is MCS 0

Channel No	Frequency (MHz)	MCS Index								Required Limit
		0	1	2	3	4	5	6	7	
38	5190	13.310	--	--	--	--	--	--	--	≤23.979dBm
46	5230	13.250	13.110	12.970	12.830	12.690	12.540	12.400	12.260	

Peak transmit Power - Channel 38



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11n(40MHz)(ANT 0+1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
38	5190	16.345	≤23.979
46	5230	16.280	≤23.979

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

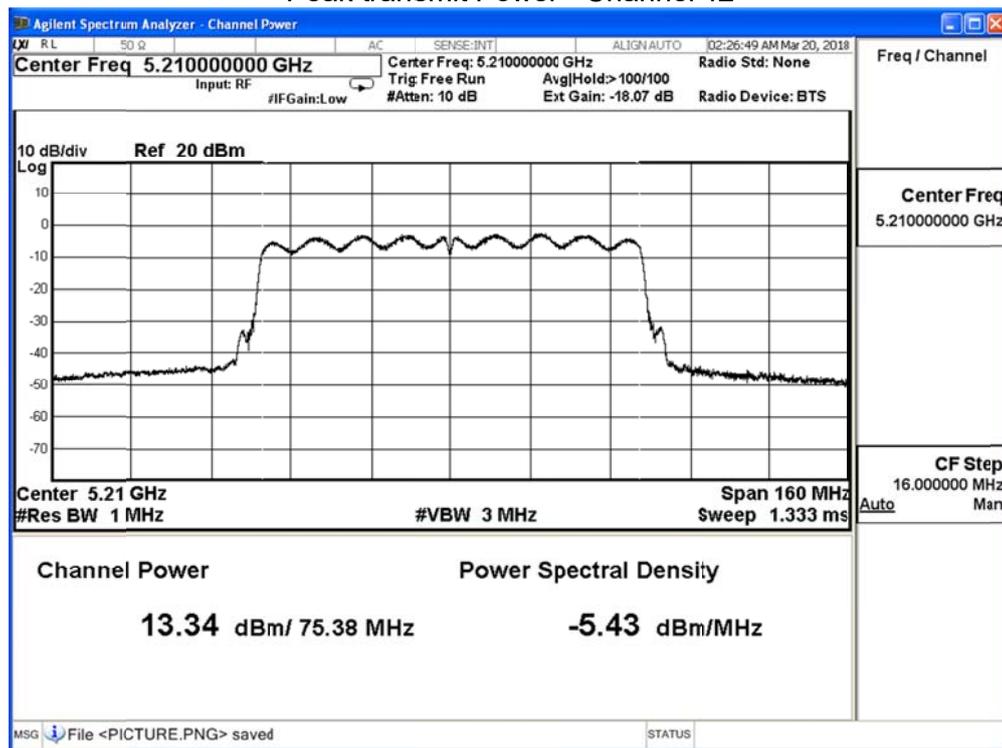
IEEE 802.11ac(80MHz) (ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
42	5210	13.340	≤23.979

The worst emission of data rate is MCS0

Channel No	Frequency (MHz)	MCS Index										Required Limit
		0	1	2	3	4	5	6	7	8	9	
42	5210	13.340	13.210	13.070	12.930	12.790	12.650	12.510	12.380	12.240	12.100	≤23.979dBm

Peak transmit Power - Channel 42



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

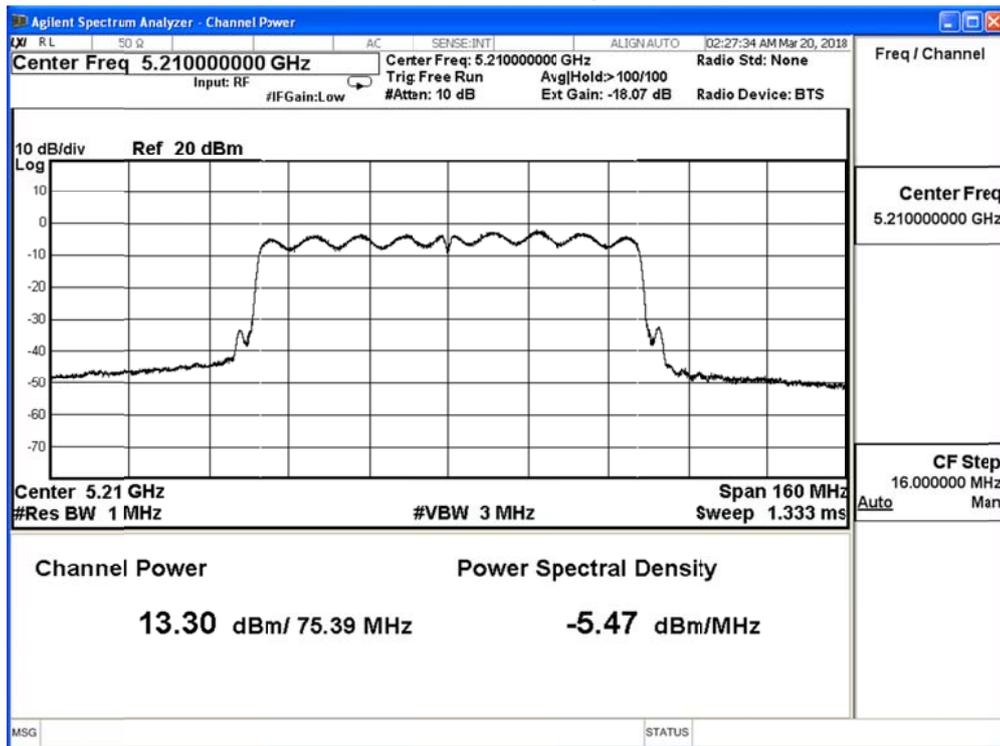
IEEE 802.11ac(80MHz) (ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
42	5210	13.300	≤23.979

The worst emission of data rate is MCS0

Channel No	Frequency (MHz)	MCS Index										Required Limit
		0	1	2	3	4	5	6	7	8	9	
42	5210	13.300	13.170	13.020	12.890	12.750	12.610	12.470	12.330	12.190	12.060	≤23.979dBm

Peak transmit Power - Channel 42



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11ac(80MHz)(ANT 0+1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
42	5210	16.330	≤23.979

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

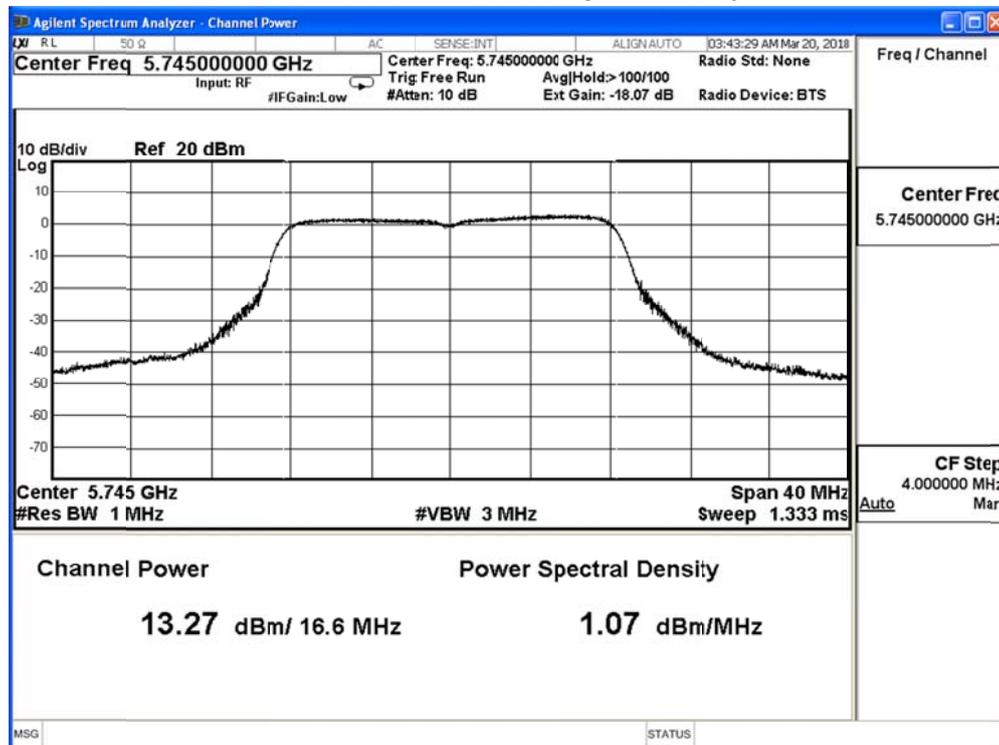
IEEE 802.11a (ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	13.27	≤30
157	5785	13.28	≤30
165	5825	13.31	≤30

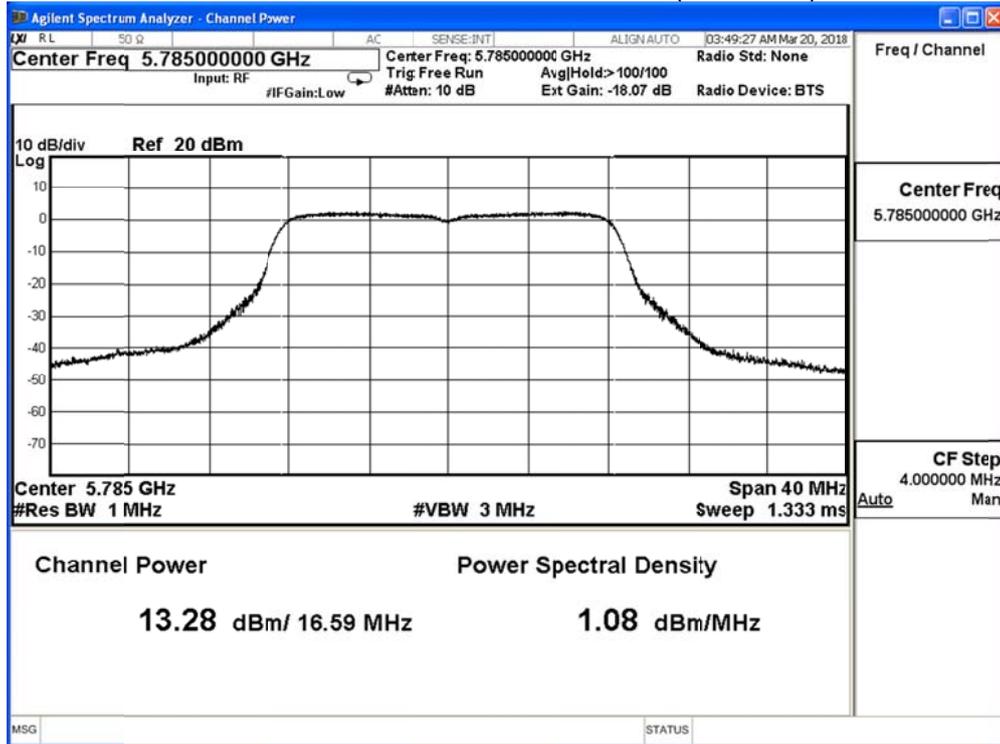
The worst emission of data rate is 6 Mbps.

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
149	5745	13.270	--	--	--	--	--	--	≤30dBm
157	5785	13.280	13.130	13.000	12.860	12.710	12.570	12.430	
165	5825	13.310	--	--	--	--	--	--	

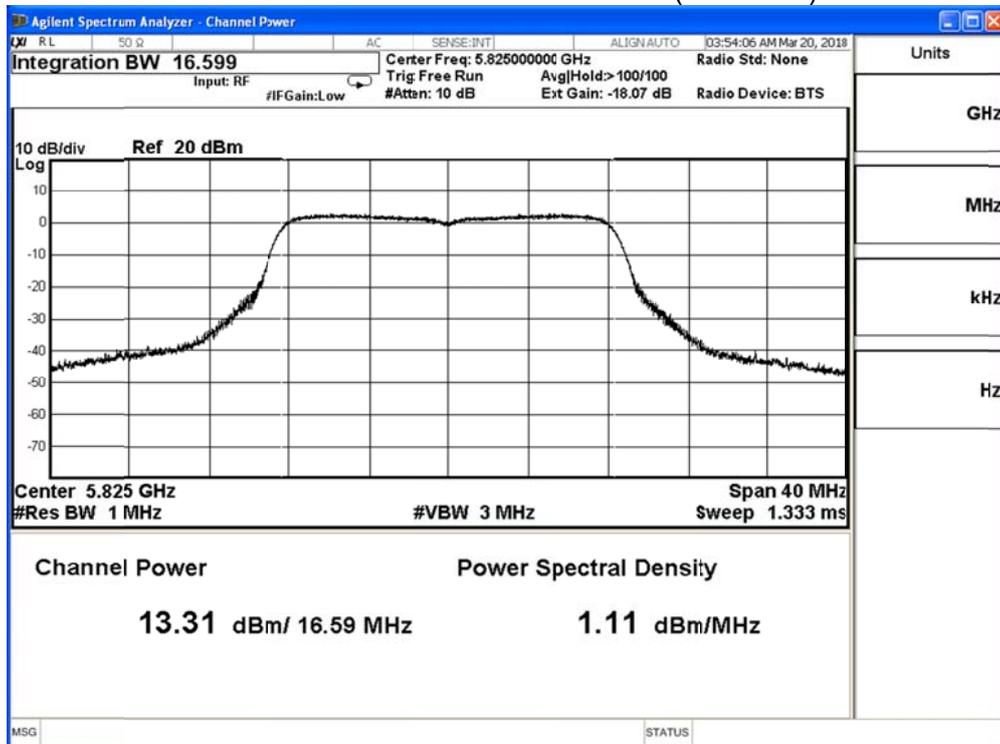
Peak transmit Power - Channel 149



Peak transmit Power - Channel 157 (5785MHz)



Peak transmit Power - Channel 165 (5825MHz)



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

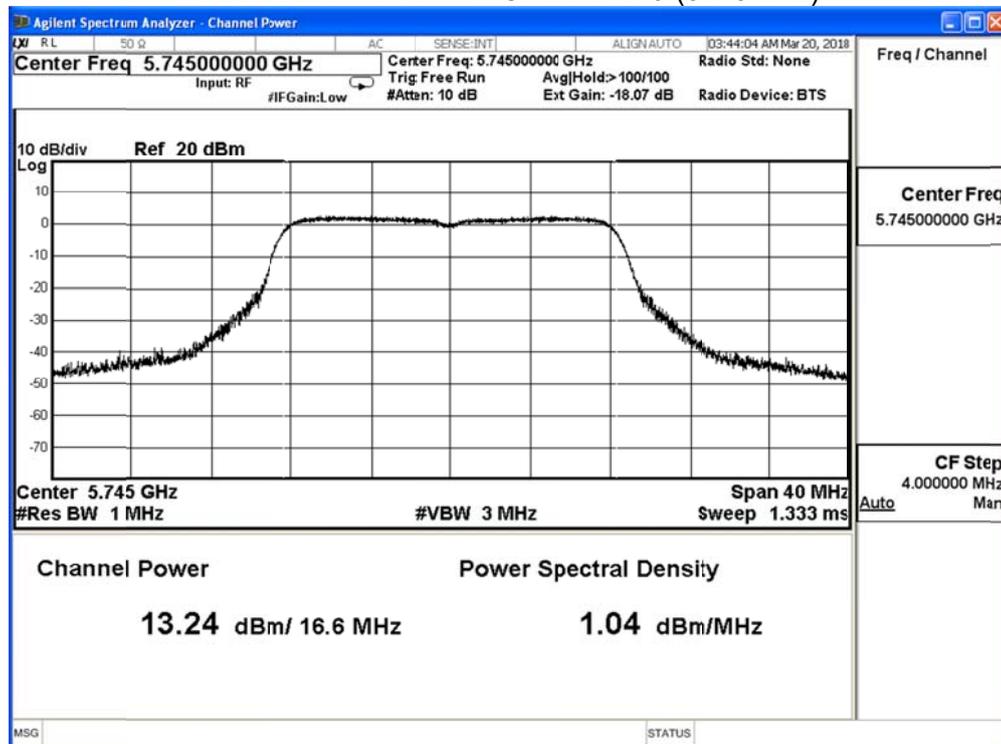
IEEE 802.11a (ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	13.24	≤30
157	5785	13.20	≤30
165	5825	13.12	≤30

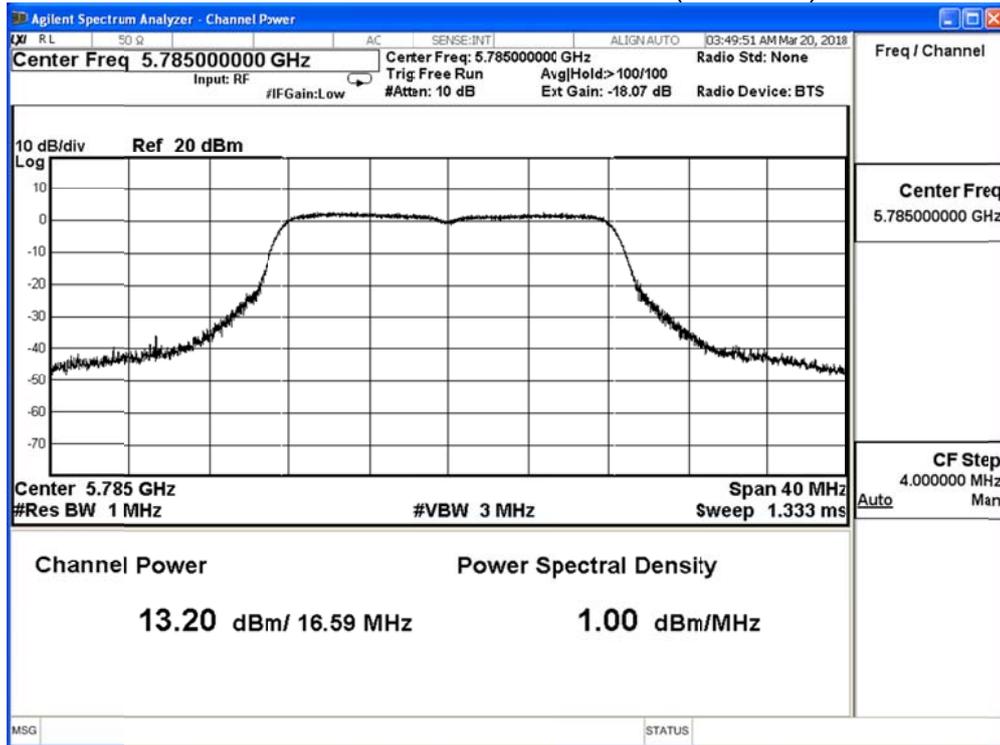
The worst emission of data rate is 6 Mbps.

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
149	5745	13.240	--	--	--	--	--	--	≤30dBm
157	5785	13.200	13.060	12.930	12.790	12.650	12.510	12.380	
165	5825	13.120	--	--	--	--	--	--	

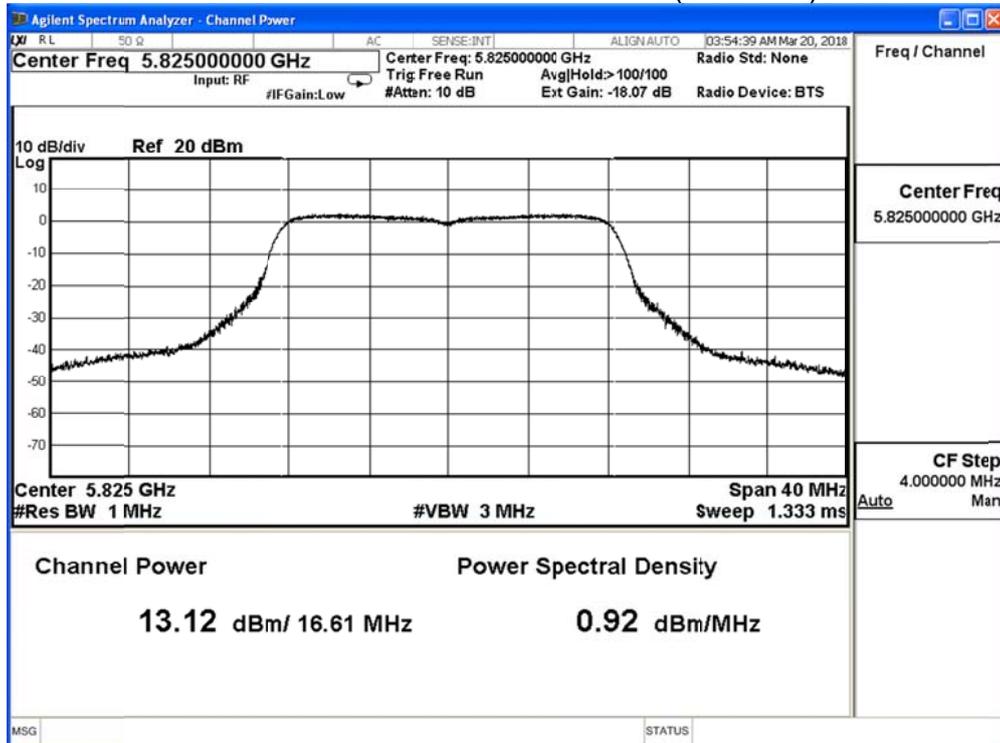
Peak transmit Power - Channel 149 (5745MHz)



Peak transmit Power - Channel 157 (5785MHz)



Peak transmit Power - Channel 165 (5825MHz)



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11a (ANT 0+1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	16.265	≤30
157	5785	16.250	≤30
165	5825	16.226	≤30

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

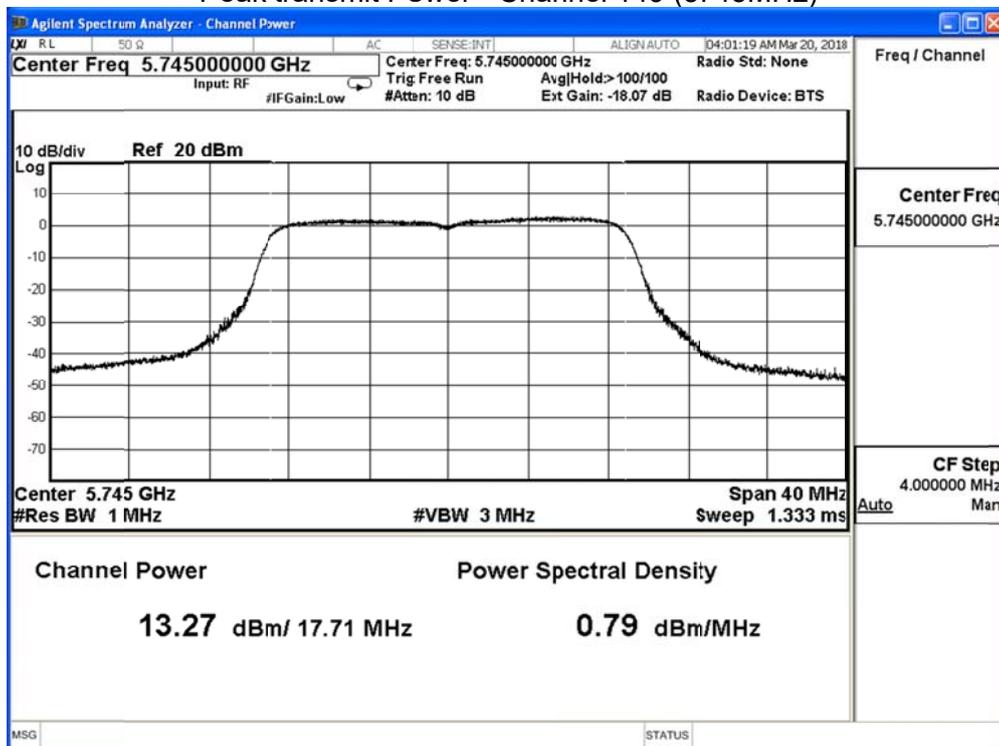
IEEE 802.11n 20MHz (ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	13.27	≤30
157	5785	13.22	≤30
165	5825	13.27	≤30

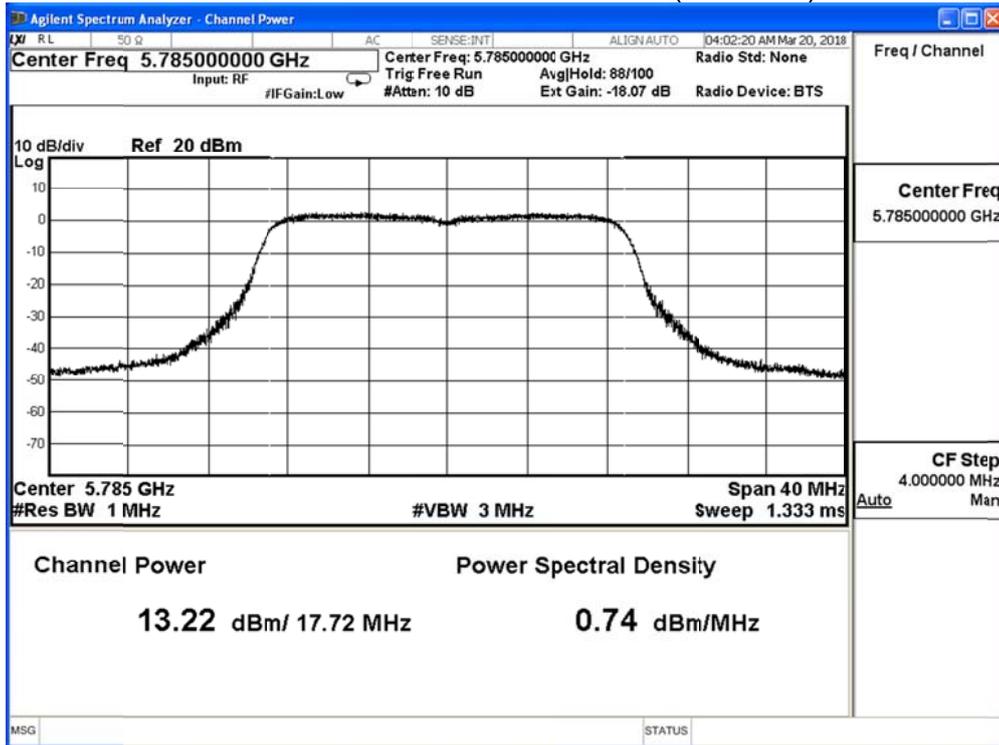
The worst emission of data rate is MCS 0

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	MCS Index								Required Limit
		0	1	2	3	4	5	6	7	
149	5745	13.270	--	--	--	--	--	--	--	≤30dBm
157	5785	13.220	13.080	12.950	12.810	12.670	12.540	12.410	12.280	
165	5825	13.270	--	--	--	--	--	--	--	

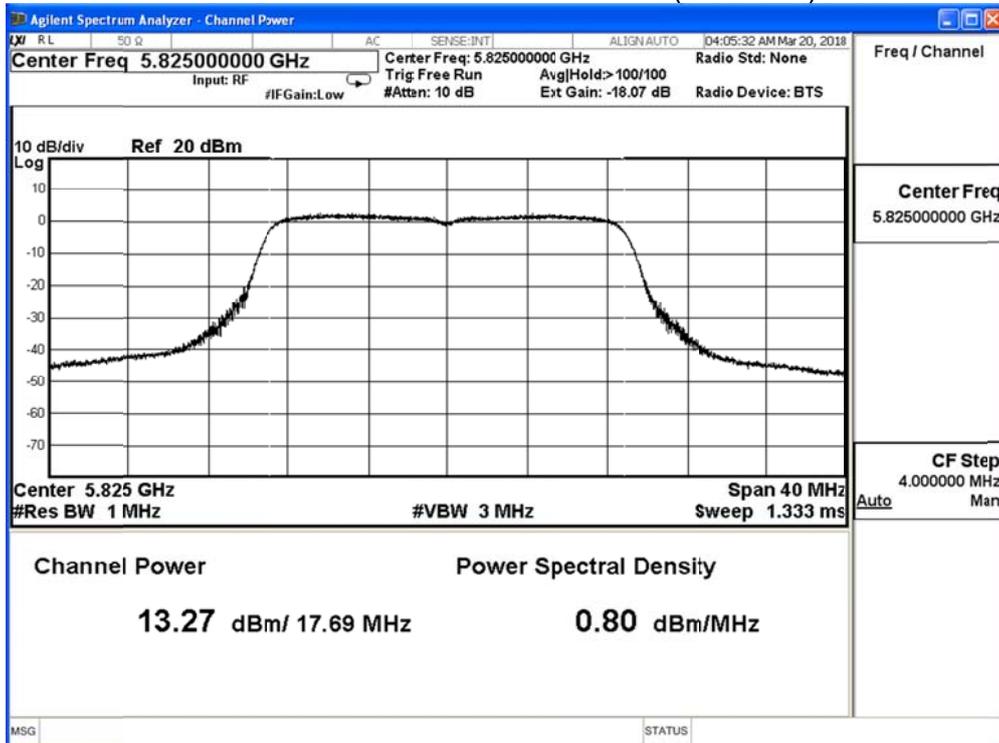
Peak transmit Power - Channel 149 (5745MHz)



Peak transmit Power - Channel 157 (5785MHz)



Peak transmit Power - Channel 165 (5825MHz)



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

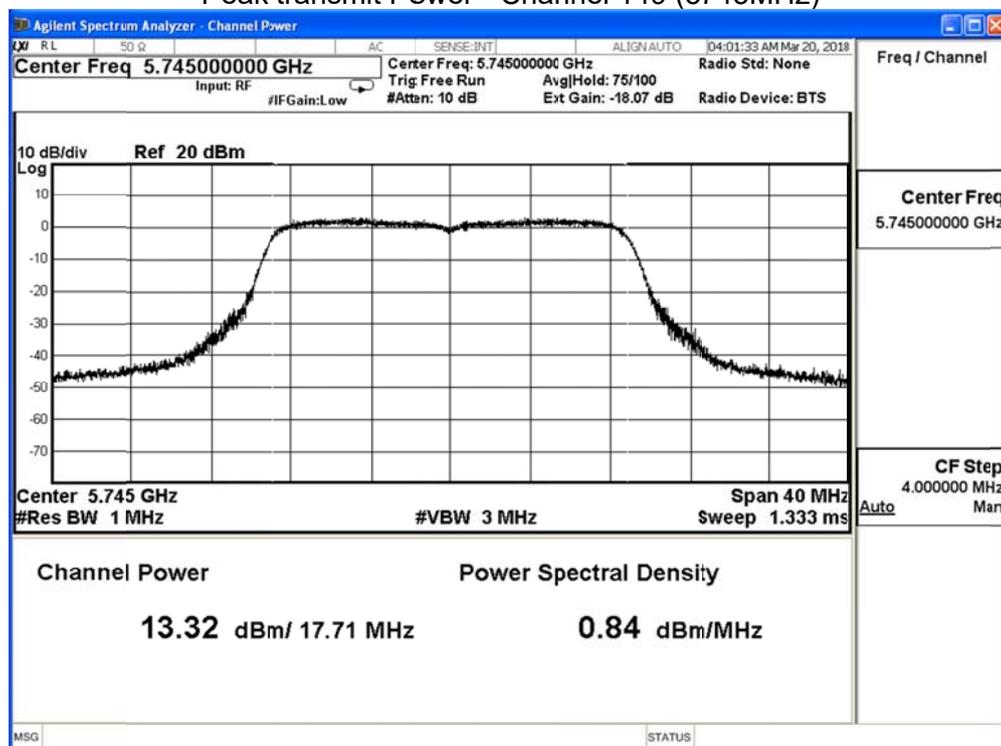
IEEE 802.11n 20MHz (ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	13.32	≤30
157	5785	13.28	≤30
165	5825	13.36	≤30

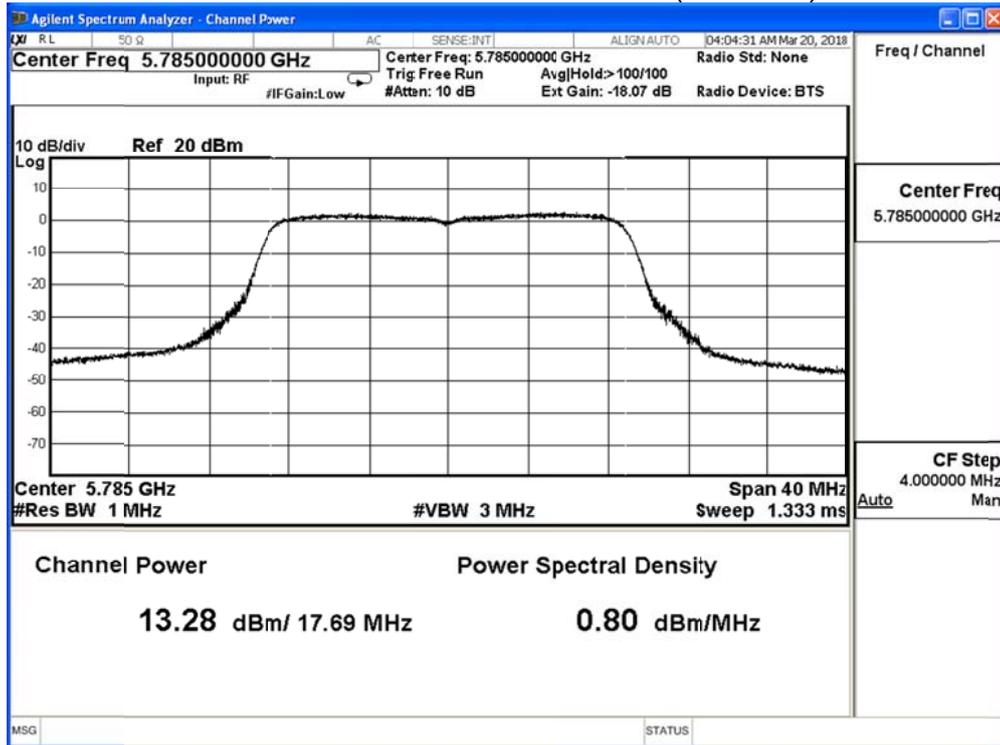
The worst emission of data rate is MCS 0

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	MCS Index								Required Limit
		0	1	2	3	4	5	6	7	
149	5745	13.320	--	--	--	--	--	--	--	≤30dBm
157	5785	13.280	13.170	13.030	12.890	12.750	12.610	12.470	12.330	
165	5825	13.360	--	--	--	--	--	--	--	

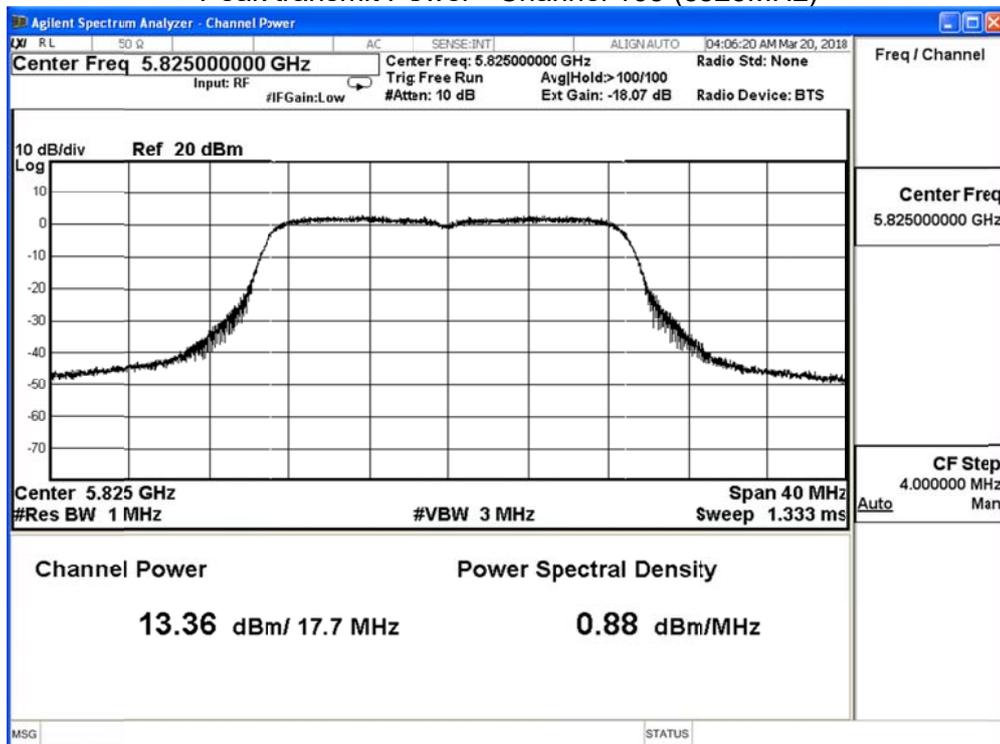
Peak transmit Power - Channel 149 (5745MHz)



Peak transmit Power - Channel 157 (5785MHz)



Peak transmit Power - Channel 165 (5825MHz)



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11n 20MHz (ANT 0+1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	16.305	≤30
157	5785	16.260	≤30
165	5825	16.326	≤30

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

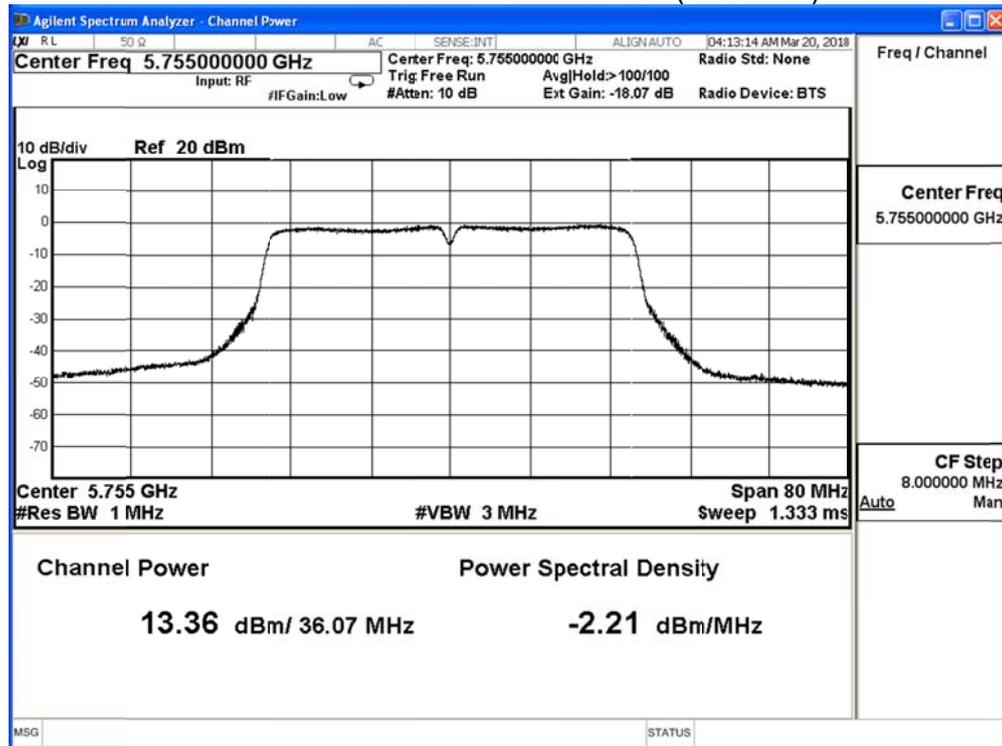
IEEE802.11n 40MHz(ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	13.36	≤30
159	5795	13.36	≤30

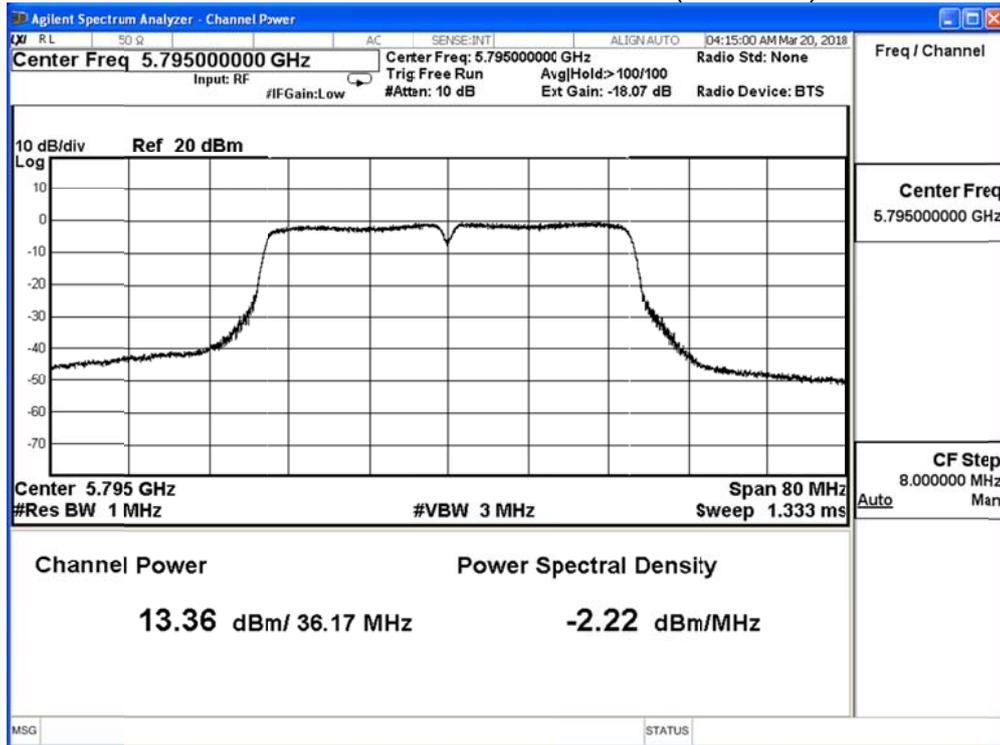
The worst emission of data rate is MCS 0

Channel No	Frequency (MHz)	MCS Index								Required Limit
		0	1	2	3	4	5	6	7	
151	5755	13.360	--	--	--	--	--	--	--	≤30dBm
159	5795	13.360	13.230	13.090	12.950	12.810	12.680	12.530	12.400	

Peak transmit Power - Channel 151 (5755MHz)



Peak transmit Power - Channel 159 (5795MHz)



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

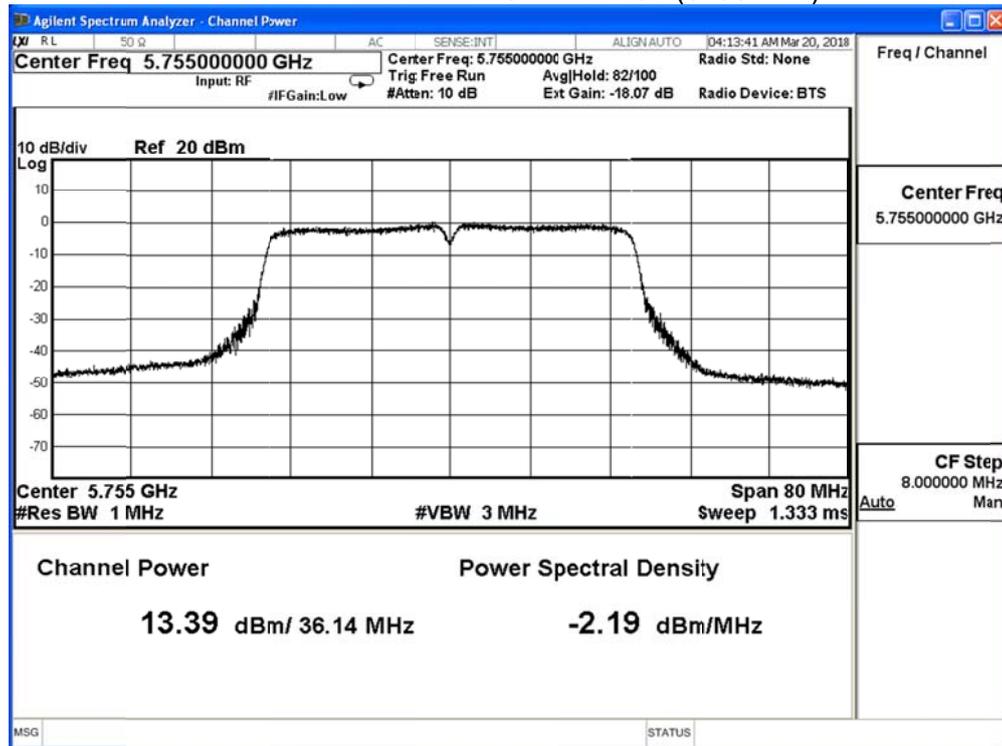
IEEE802.11n 40MHz(ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	13.39	≤30
159	5795	13.33	≤30

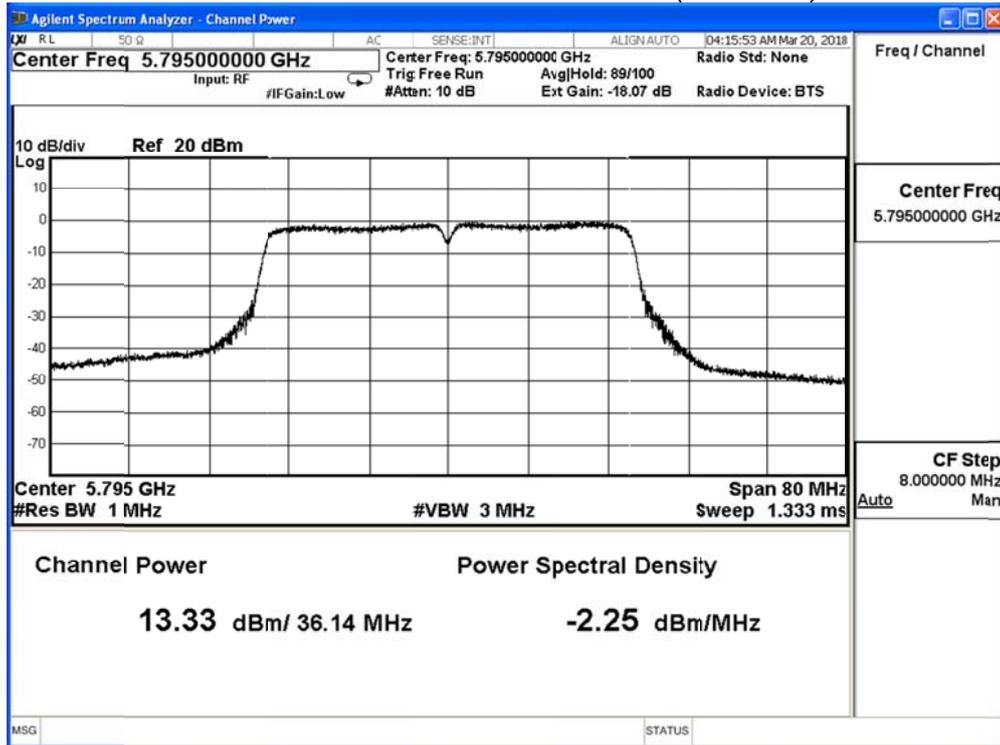
The worst emission of data rate is MCS 0

Channel No	Frequency (MHz)	MCS Index								Required Limit
		0	1	2	3	4	5	6	7	
151	5755	13.390	--	--	--	--	--	--	--	≤30dBm
159	5795	13.330	13.200	13.050	12.900	12.750	12.600	12.450	12.320	

Peak transmit Power - Channel 151 (5755MHz)



Peak transmit Power - Channel 159 (5795MHz)



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE802.11n 40MHz(ANT 0+1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	16.385	≤30
159	5795	16.355	≤30

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

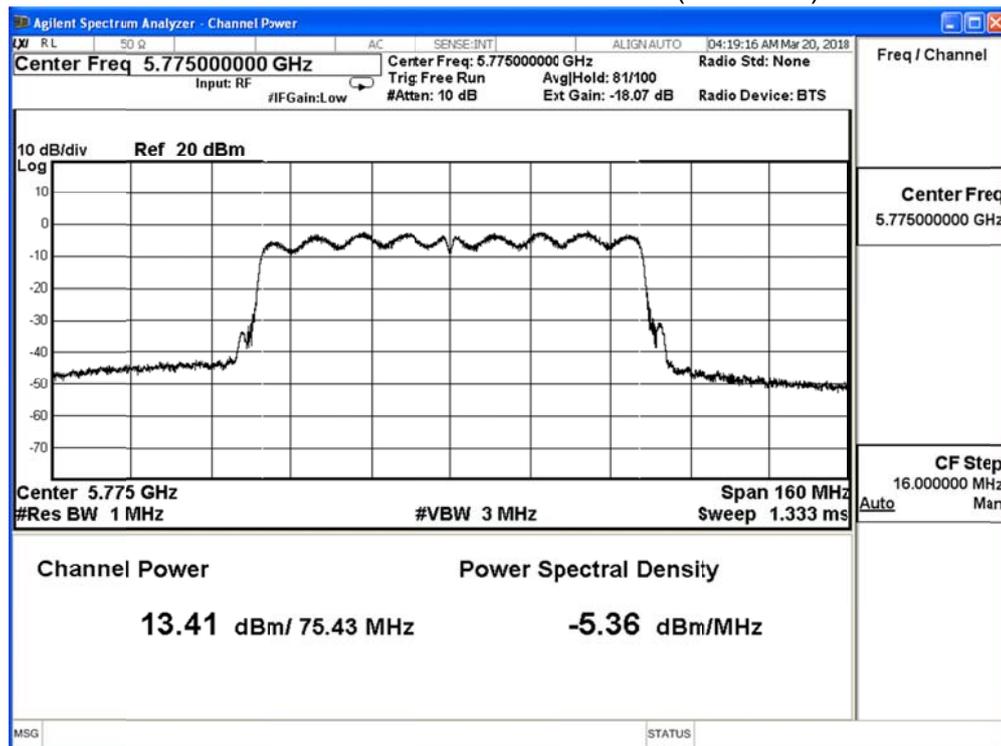
IEEE802.11ac 80MHz (ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	13.41	≤30

The worst emission of data rate is MCS0

Channel No	Frequency (MHz)	MCS Index										Required Limit
		0	1	2	3	4	5	6	7	8	9	
155	5775	13.410	13.270	13.120	12.980	12.850	12.710	12.570	12.420	12.280	12.140	≤30dBm

Peak transmit Power - Channel 155 (5775MHz)



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

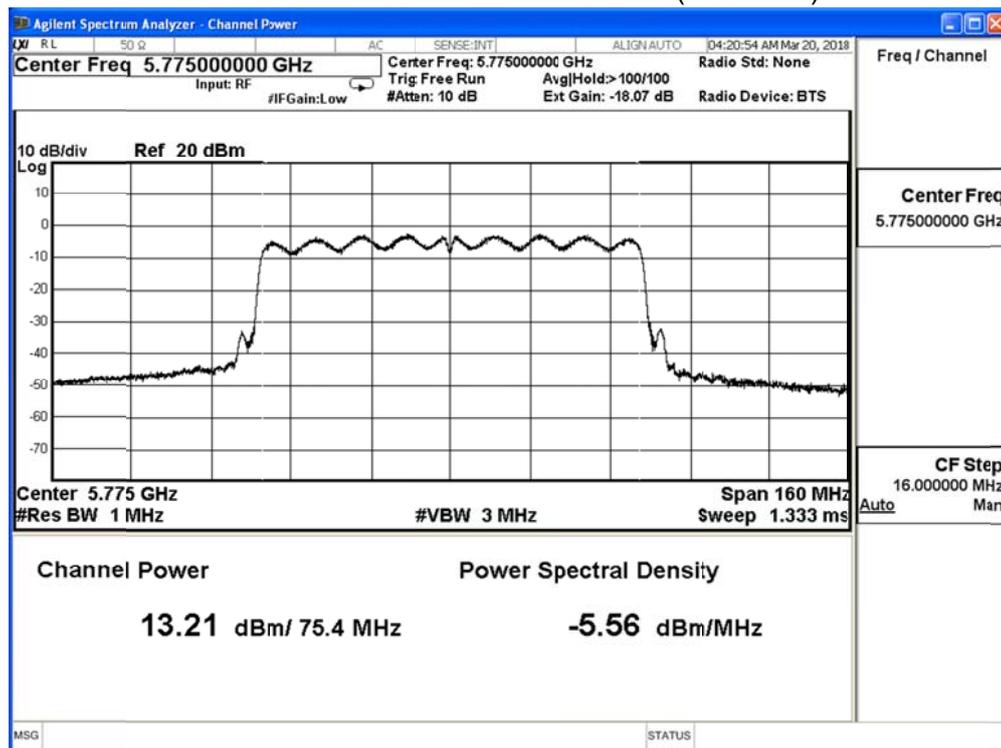
IEEE802.11ac 80MHz (ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	13.21	≤30

The worst emission of data rate is MCS0

Channel No	Frequency (MHz)	MCS Index										Required Limit
		0	1	2	3	4	5	6	7	8	9	
155	5775	13.210	13.070	12.920	12.790	12.640	12.490	12.350	12.210	12.070	11.930	≤30dBm

Peak transmit Power - Channel 155 (5775MHz)



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE802.11ac 80MHz (ANT 0+1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	16.321	≤30

5. Peak Power Spectrum Density

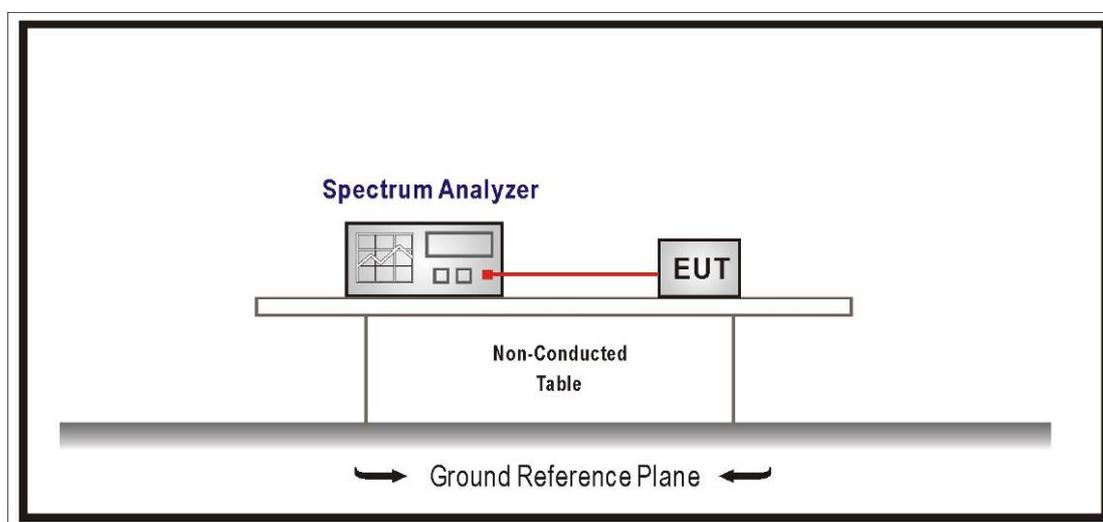
5.1. Test Equipment

The following test equipments are used during the radiated emission tests:

Peak Power Spectrum Density / SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Keysight	N9030B	MY57140404	2017/06/13	2018/06/12
Spectrum Analyzer	Keysight	N9010B	MY57110159	2017/06/05	2018/06/04
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/07/26	2018/07/25
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09

5.2. Test Setup



5.3. Limits

1. For the band 5.15-5.25 GHz, the peak power spectral density shall not exceed 17 dBm in any 1MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
2. For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi
3. For the band 5.25-5.35 GHz, the peak power spectral density shall not exceed 11 dBm in any 1-MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
4. For the band 5.725-5.850 GHz, the peak power spectral density shall not exceed 30 dBm in any 500KHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi..

5.4. Test Procedure

The EUT was setup to ANSI C63.10: 2013; tested to U-NII test procedure of KDB 789033.v01r02 for compliance to FCC 47CFR Subpart E requirements.

For Band1 : Set RBW=1MHz, VBW=3MHz with RMS detector. The PPSD is the highest level found across the emission in any 1-MHz band after 100 sweeps of averaging.

For Band4 : Set RBW=500KHz, VBW=1.5MHz with RMS detector. The PPSD is the highest level found across the emission in any 500KHz band after 100 sweeps of averaging.

5.5. Uncertainty

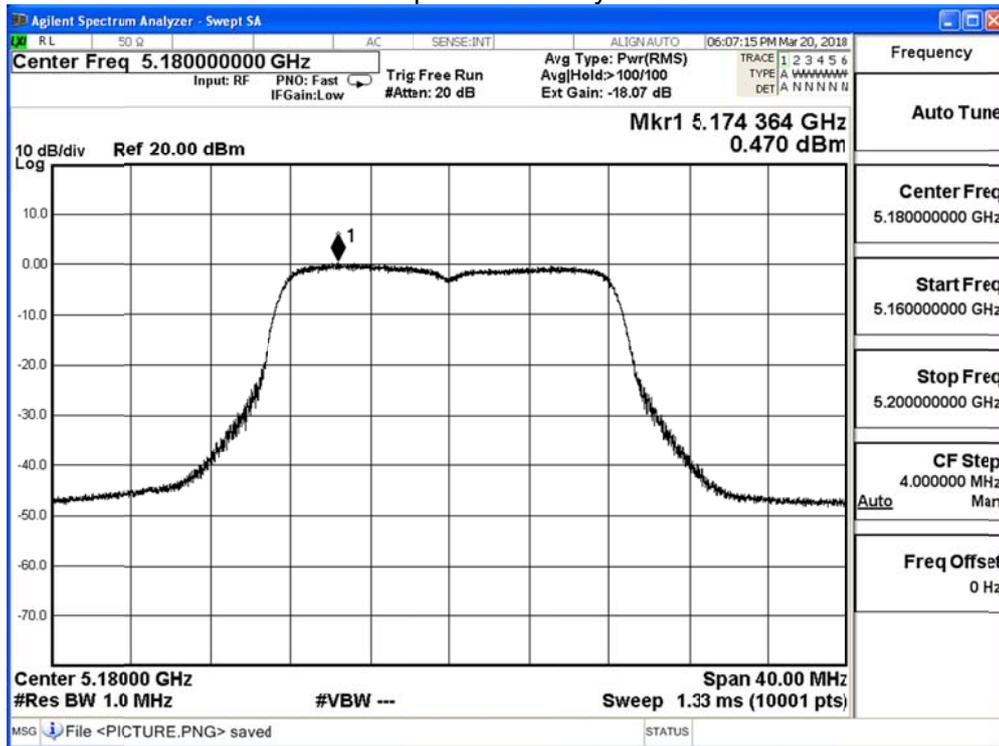
The measurement uncertainty is defined as ± 1.27 dB

5.6. Test Result

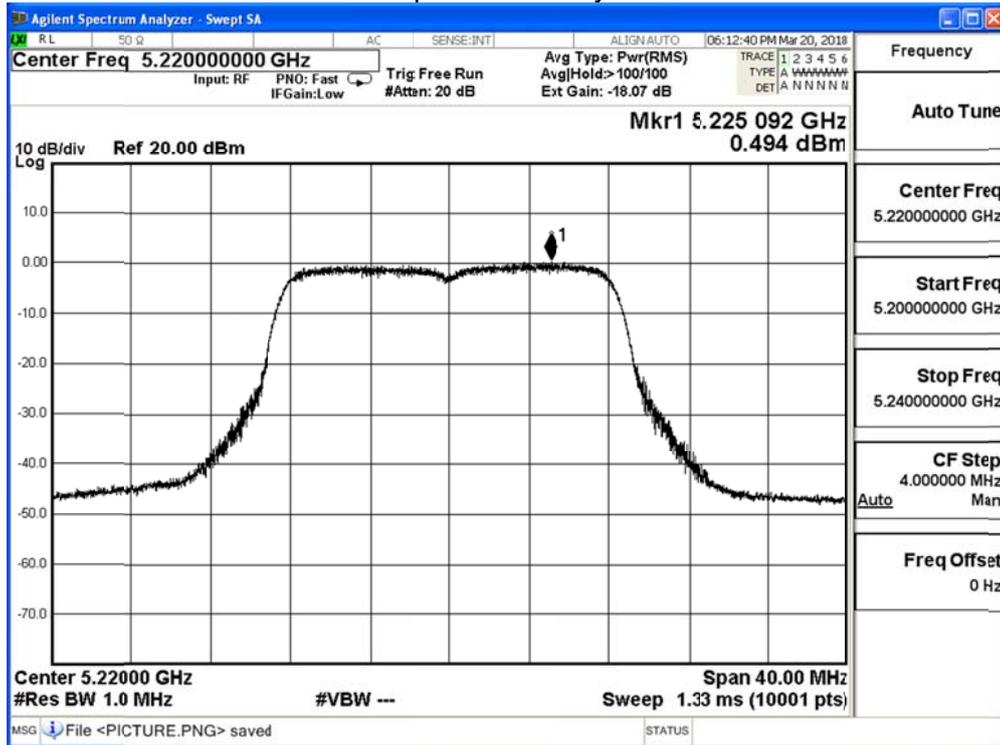
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11a (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	0.470	≤ 11	Pass
44	5220	0.494	≤ 11	Pass
48	5240	0.426	≤ 11	Pass

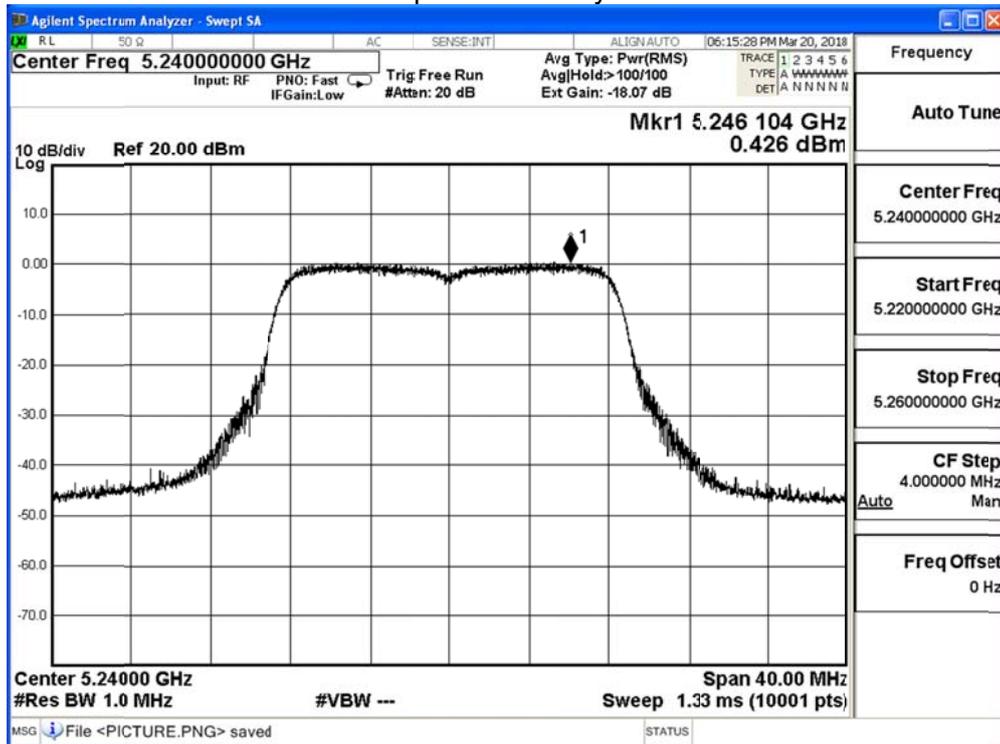
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



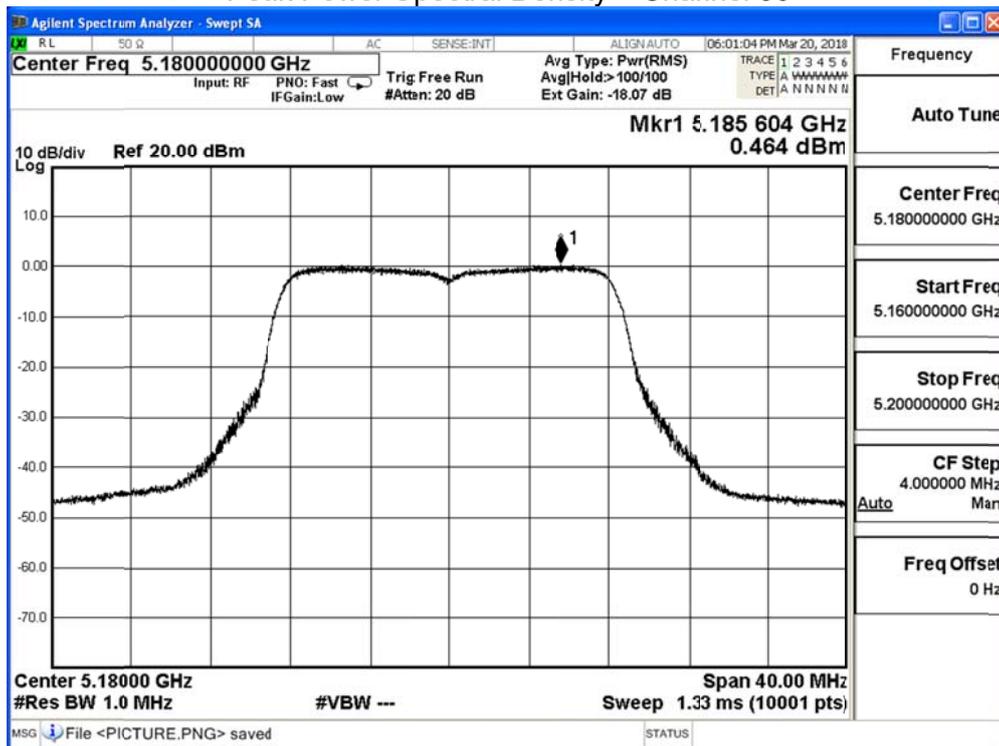
Peak Power Spectral Density – Channel 48



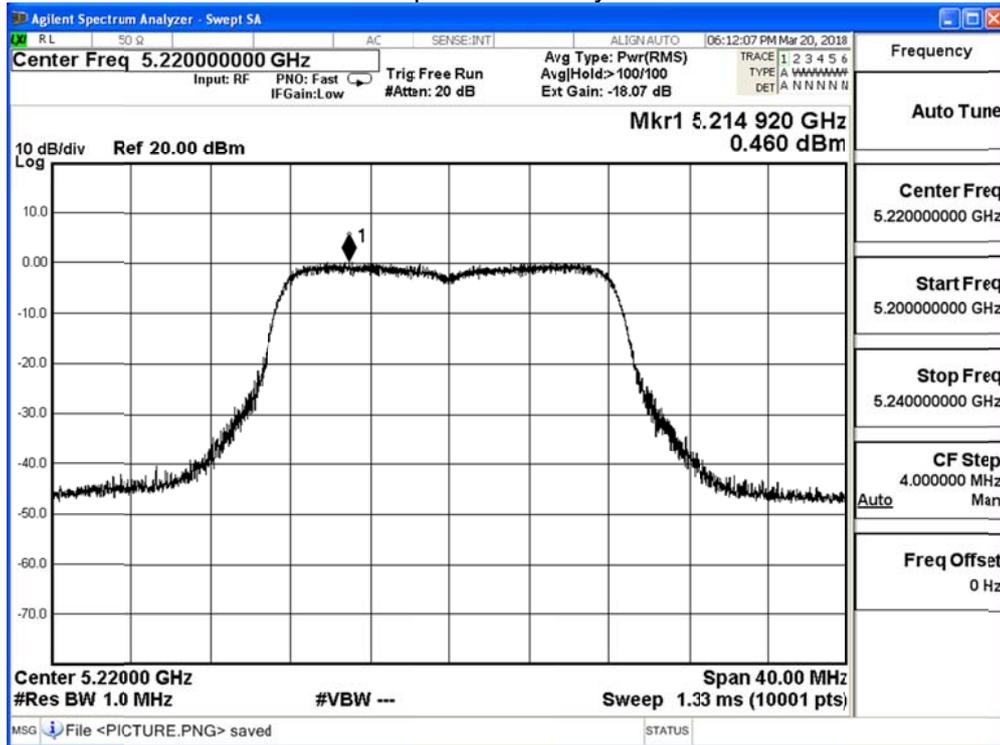
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11a (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	0.464	≤ 11	Pass
44	5220	0.460	≤ 11	Pass
48	5240	0.463	≤ 11	Pass

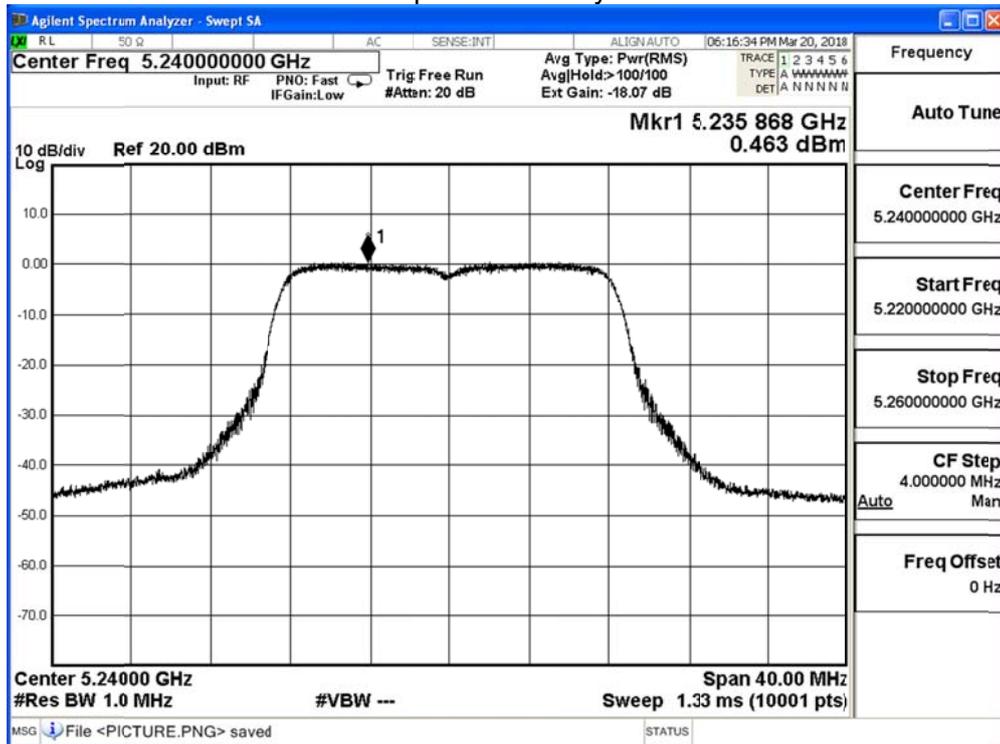
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



Peak Power Spectral Density – Channel 48



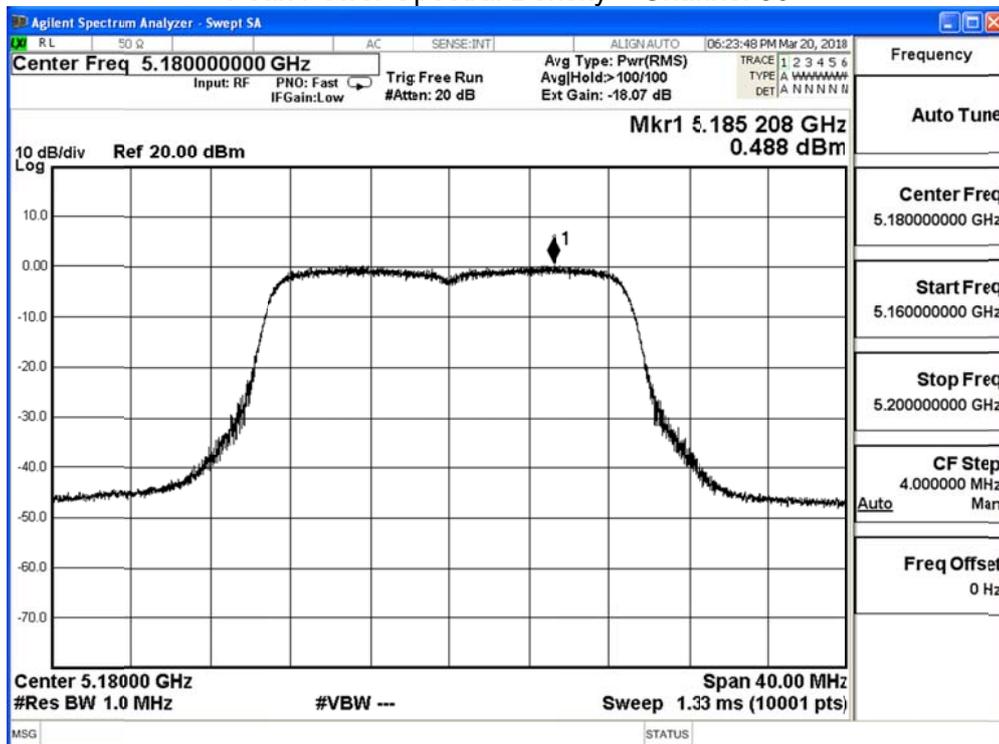
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11a (ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	3.477	≤ 11	Pass
44	5220	3.487	≤ 11	Pass
48	5240	3.455	≤ 11	Pass

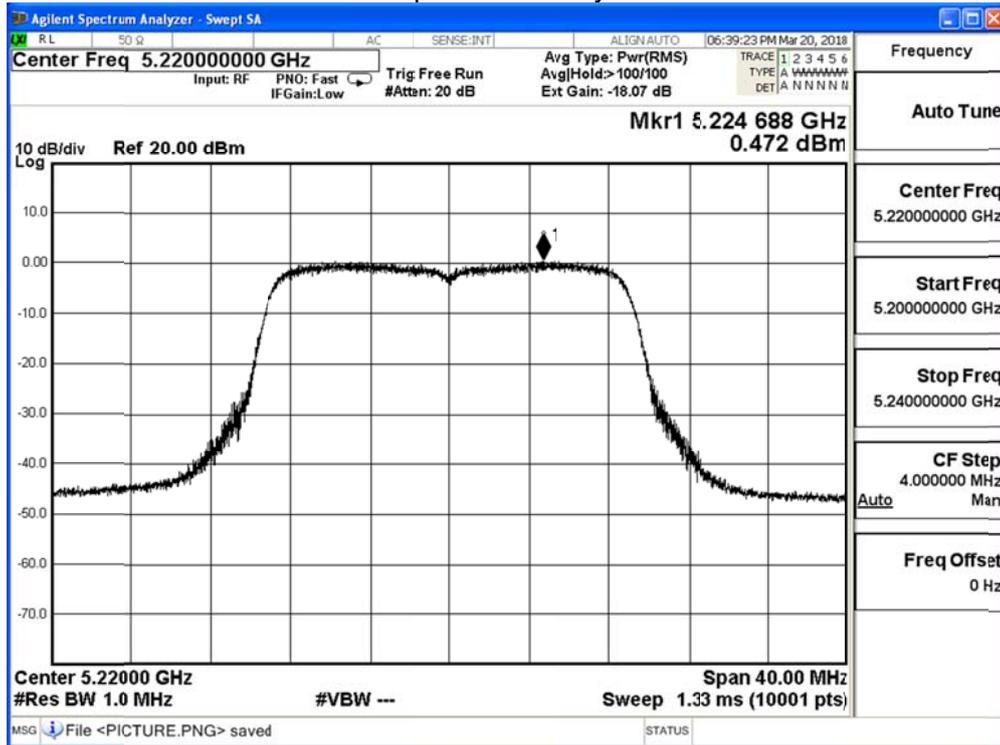
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	0.488	≤ 11	Pass
44	5220	0.472	≤ 11	Pass
48	5240	0.453	≤ 11	Pass

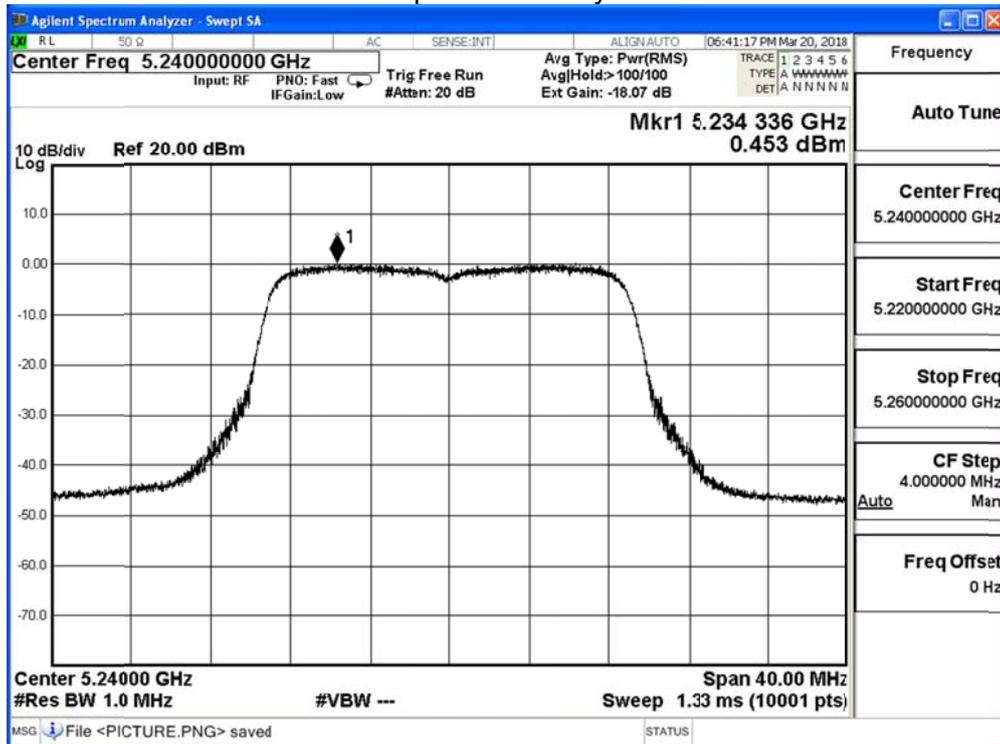
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



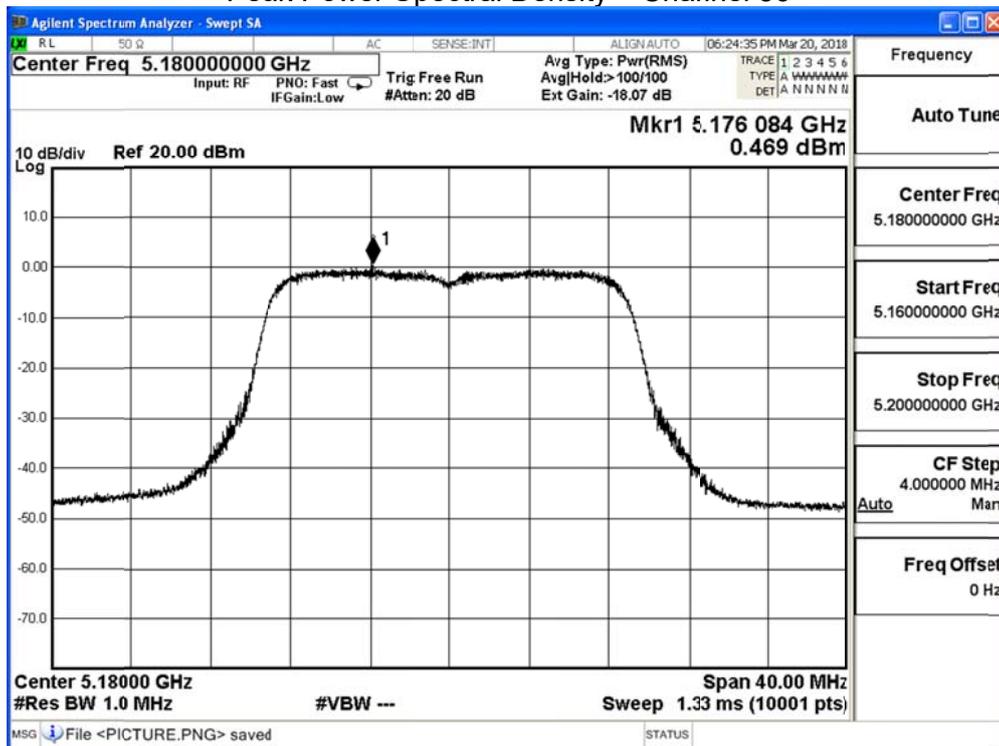
Peak Power Spectral Density – Channel 48



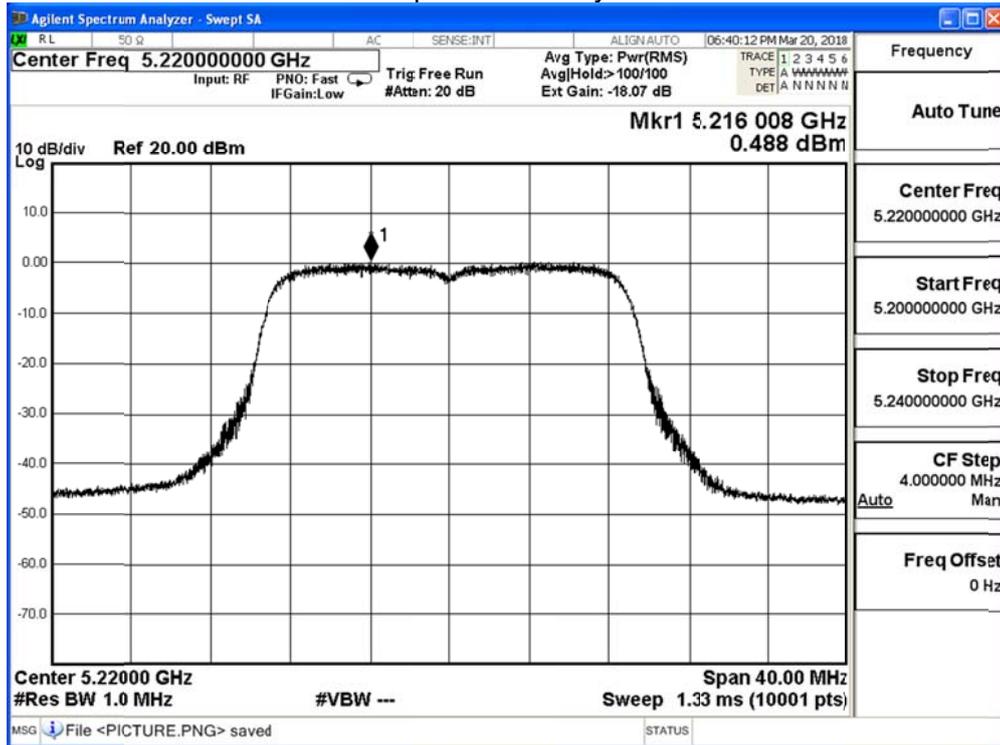
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	0.469	≤ 11	Pass
44	5220	0.488	≤ 11	Pass
48	5240	0.478	≤ 11	Pass

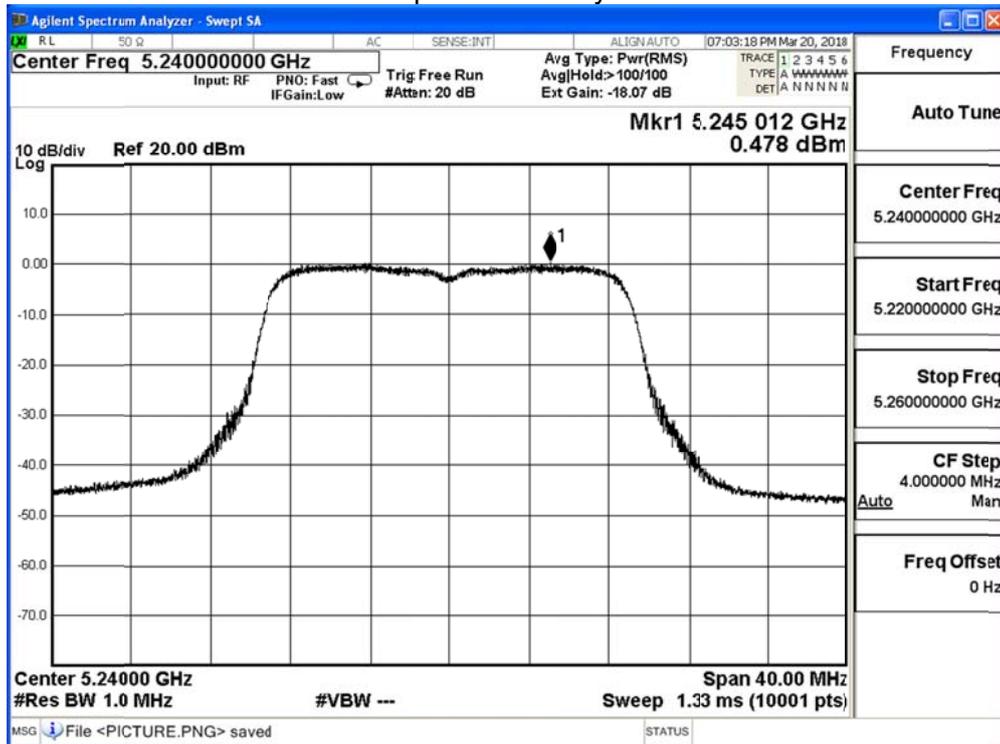
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



Peak Power Spectral Density – Channel 48



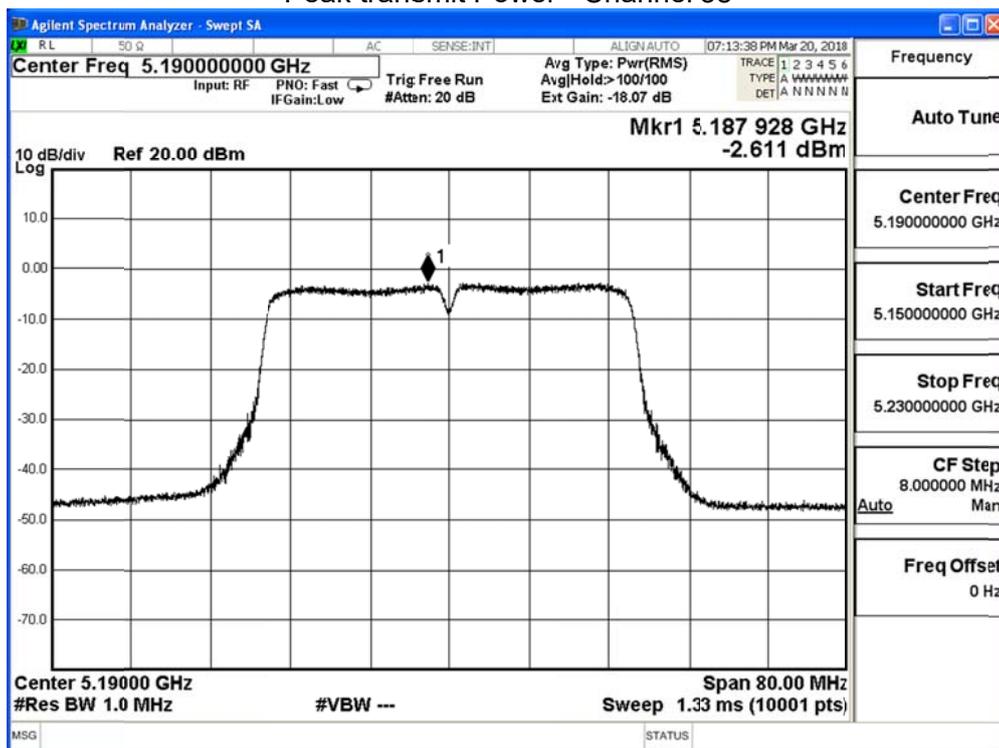
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	3.489	≤ 11	Pass
44	5220	3.490	≤ 11	Pass
48	5240	3.476	≤ 11	Pass

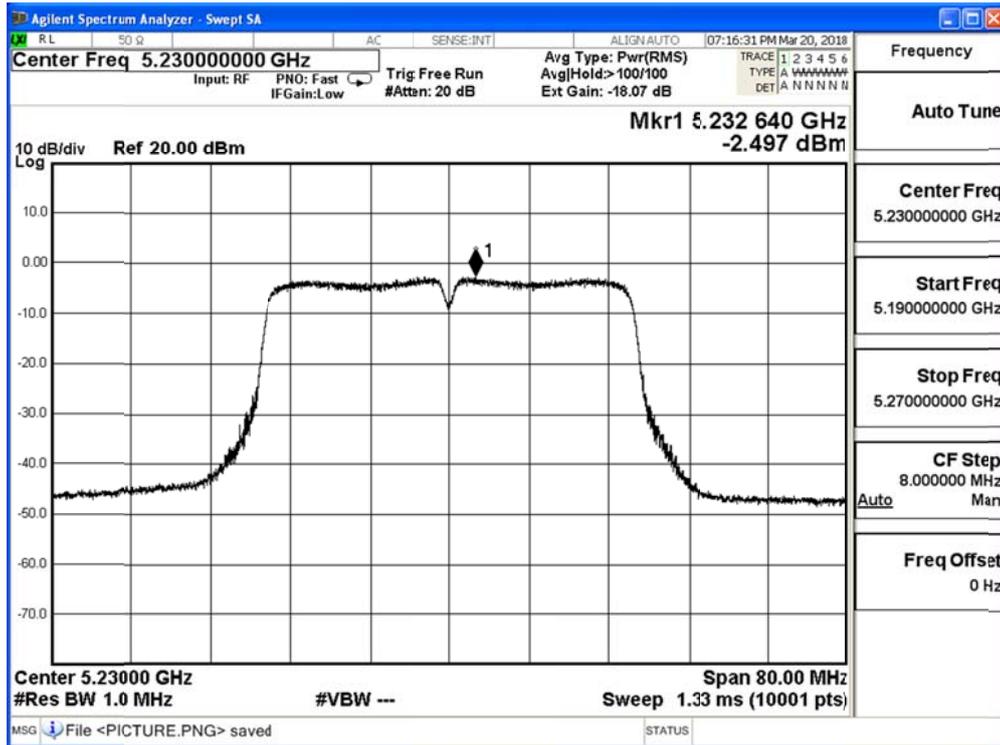
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
38	5190	-2.611	≤ 11	Pass
46	5230	-2.497	≤ 11	Pass

Peak transmit Power - Channel 38



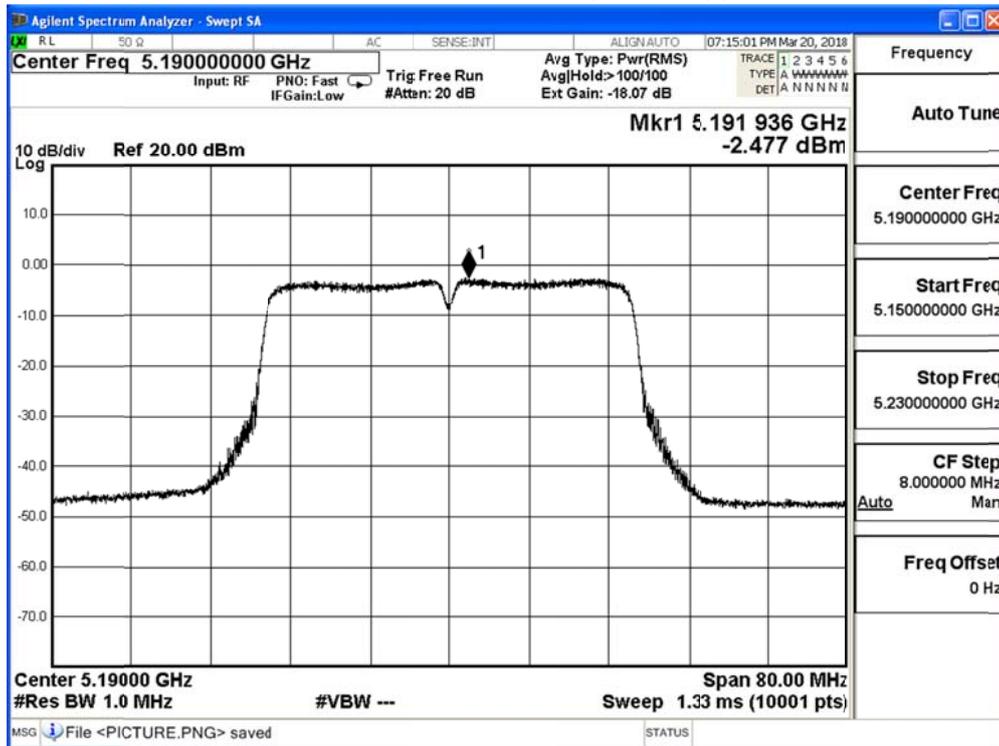
Peak transmit Power - Channel 46



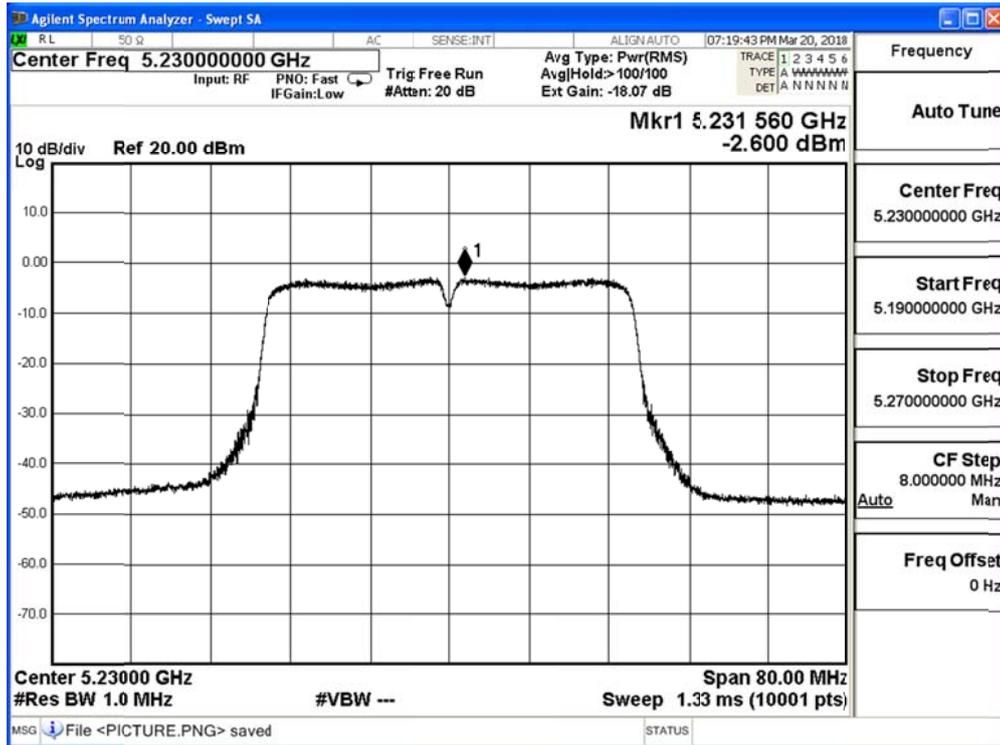
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
38	5190	-2.477	≤ 11	Pass
46	5230	-2.600	≤ 11	Pass

Peak transmit Power - Channel 38



Peak transmit Power - Channel 46



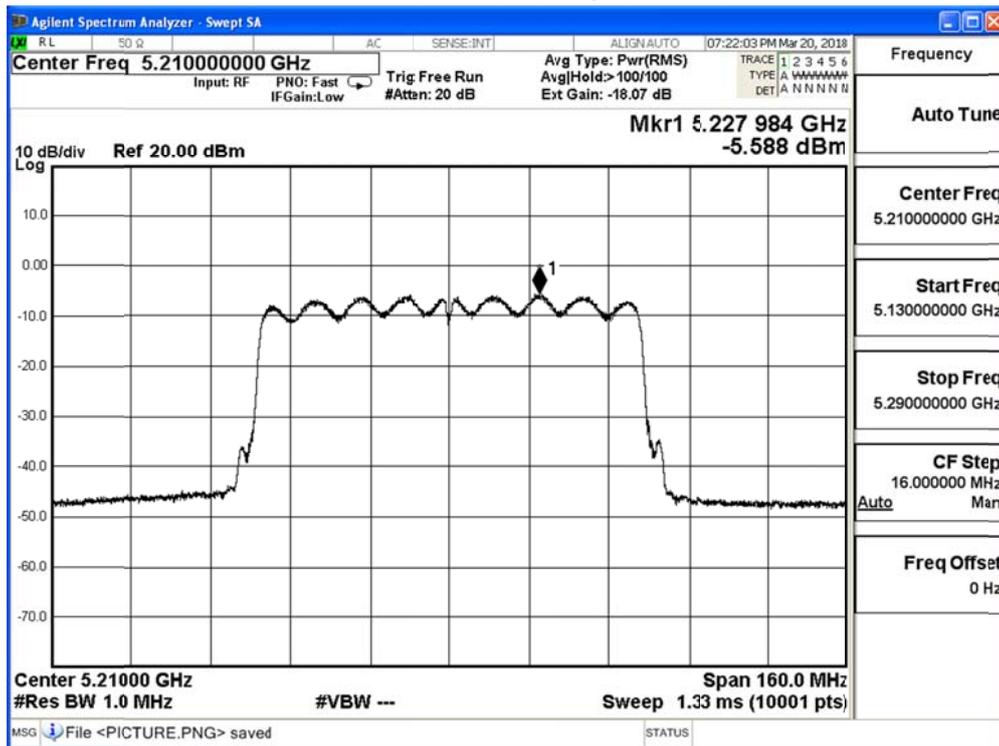
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
38	5190	0.467	≤ 11	Pass
46	5230	0.462	≤ 11	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11ac(80MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
42	5210	-5.588	≤ 11	Pass

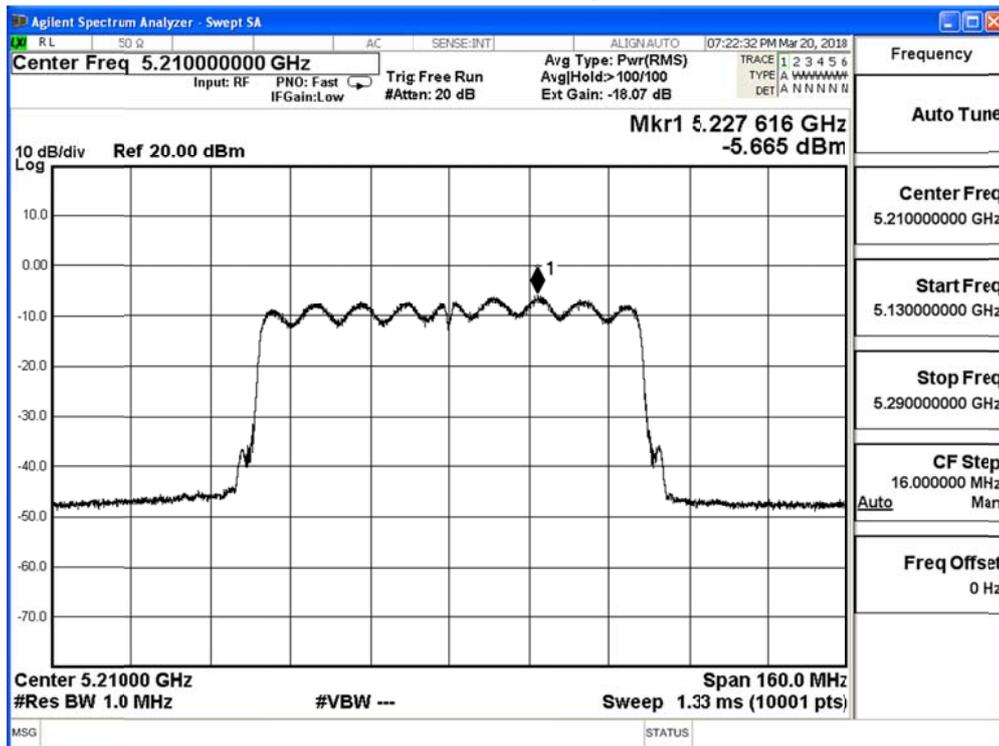
Peak transmit Power - Channel 42



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11ac(80MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
42	5210	-5.665	≤ 11	Pass

Peak transmit Power - Channel 42



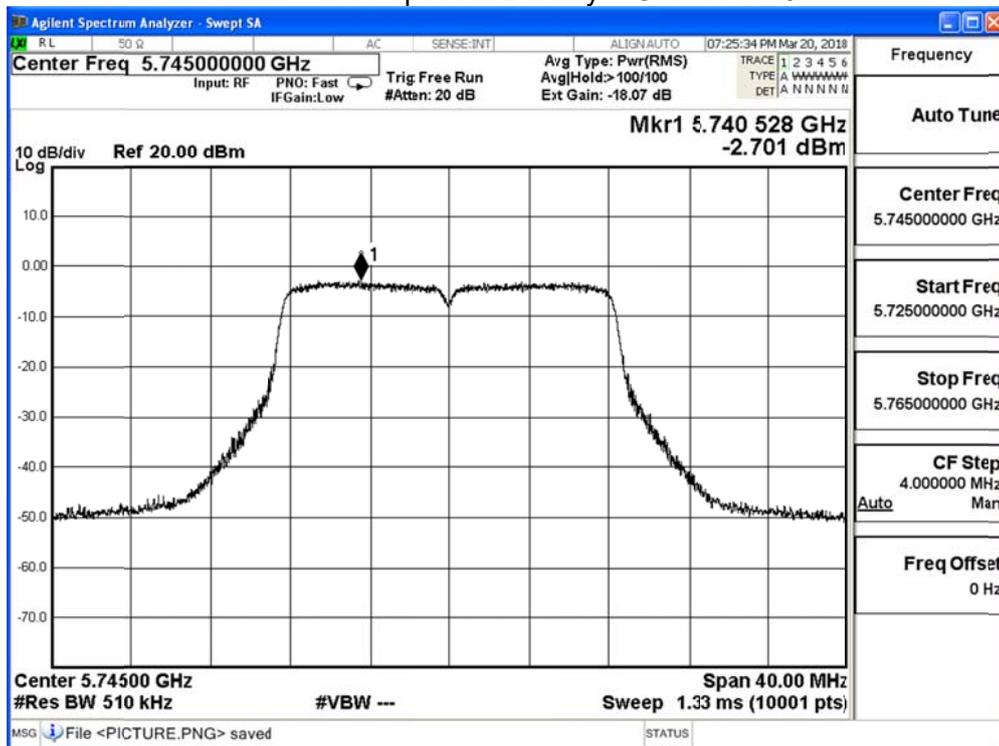
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11ac(80MHz)(ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
42	5210	-2.616	≤ 11	Pass

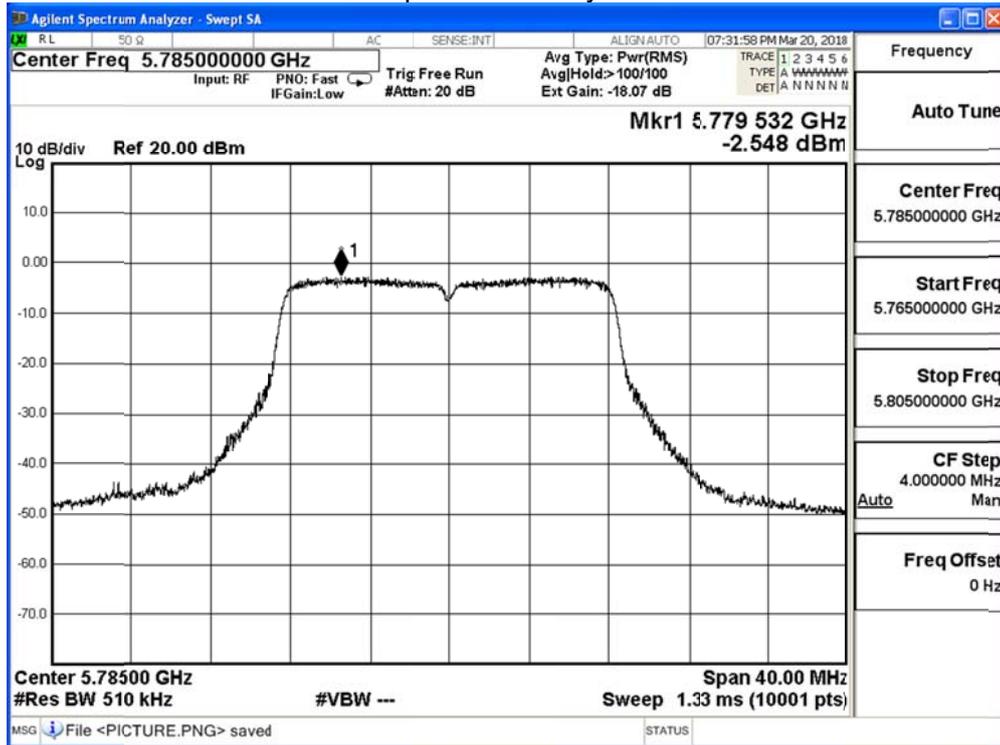
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11a (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-2.701	≤30	Pass
157	5785	-2.548	≤30	Pass
165	5825	-2.563	≤30	Pass

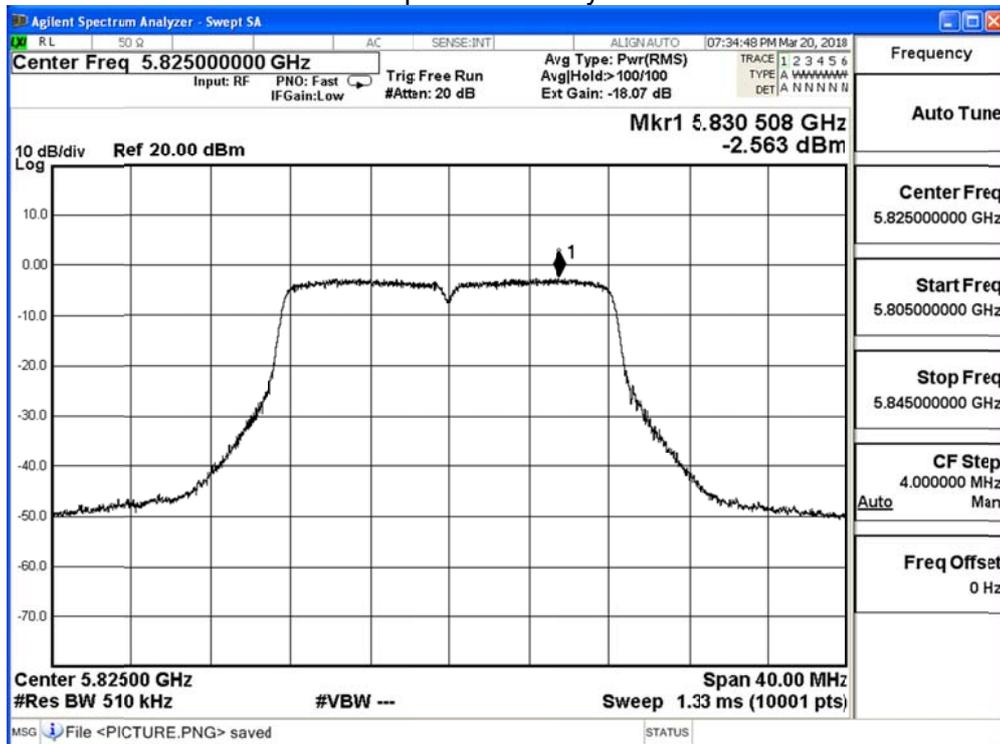
Peak Power Spectral Density – Channel 149



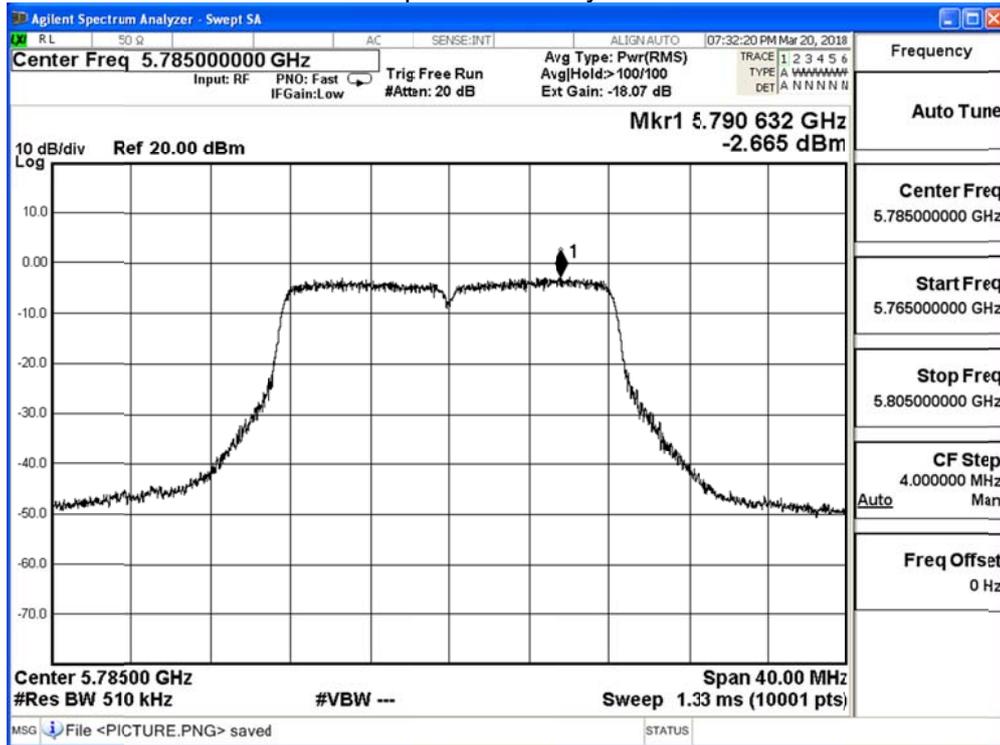
Peak Power Spectral Density – Channel 157



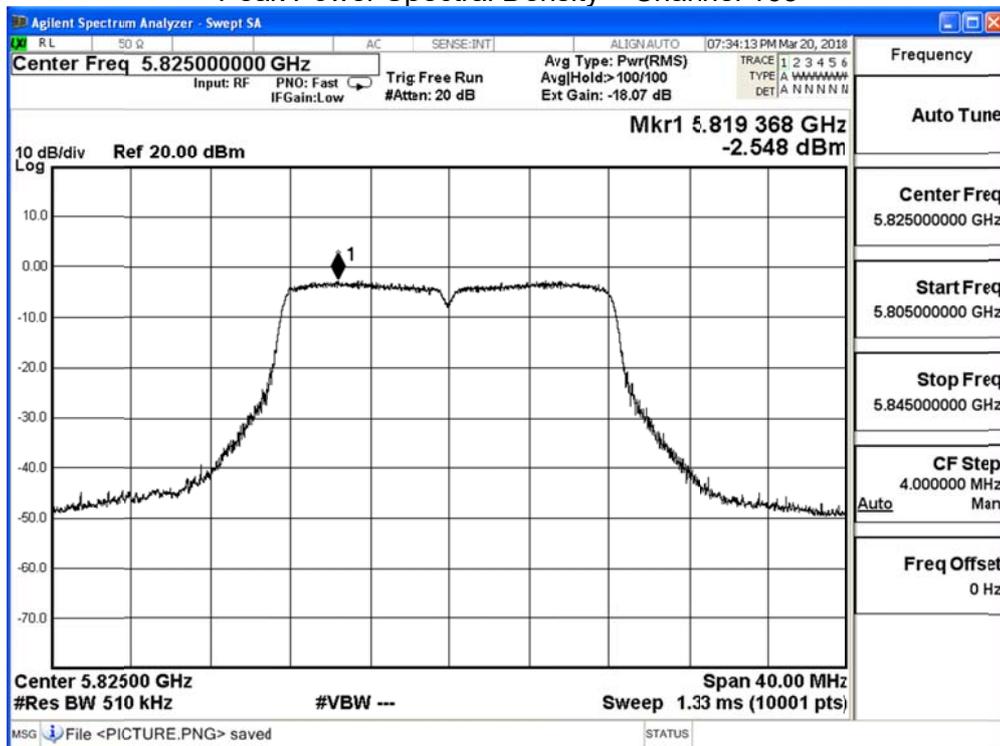
Peak Power Spectral Density – Channel 165



Peak Power Spectral Density – Channel 157



Peak Power Spectral Density – Channel 165



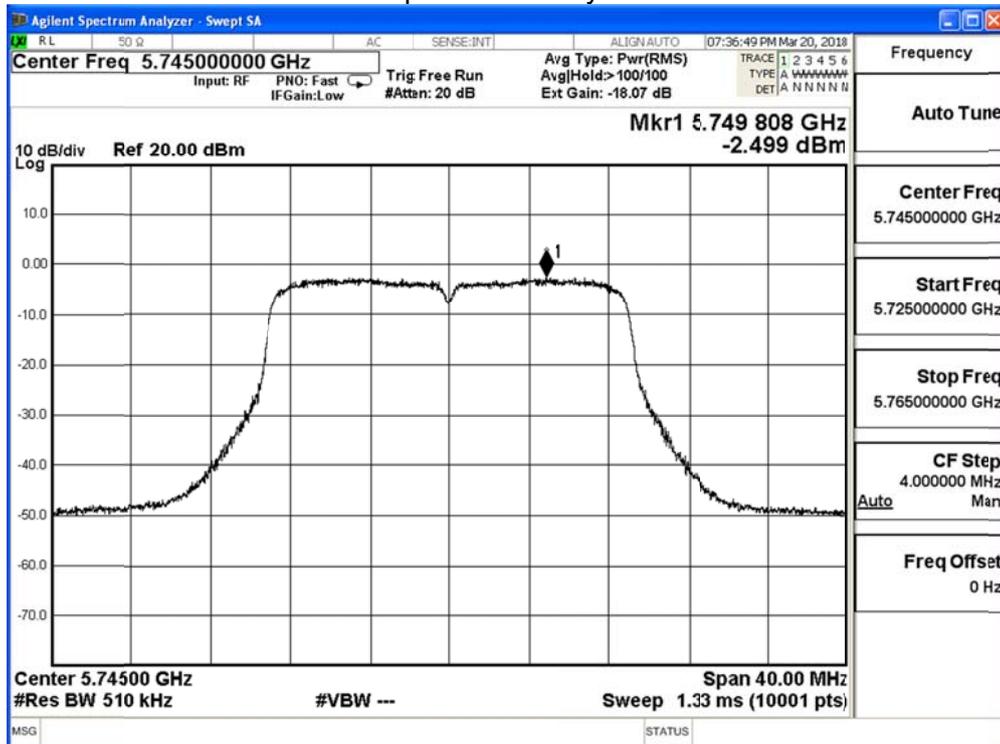
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11a (ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	0.298	≤30	Pass
157	5785	0.404	≤30	Pass
165	5825	0.455	≤30	Pass

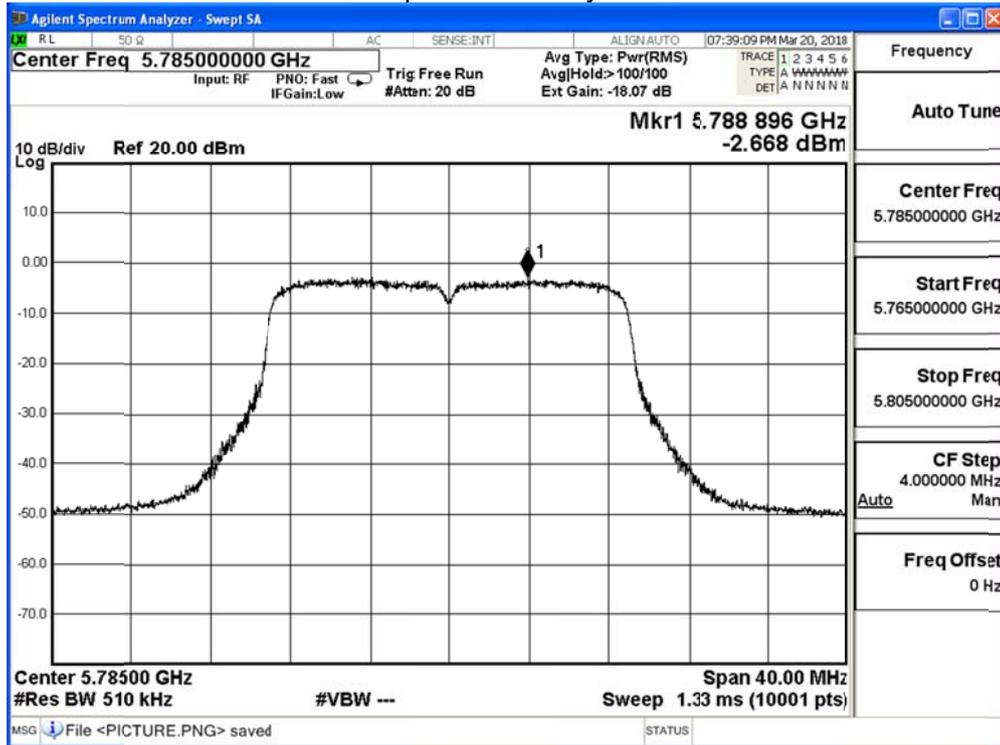
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11n(20MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-2.499	≤30	Pass
157	5785	-2.668	≤30	Pass
165	5825	-2.548	≤30	Pass

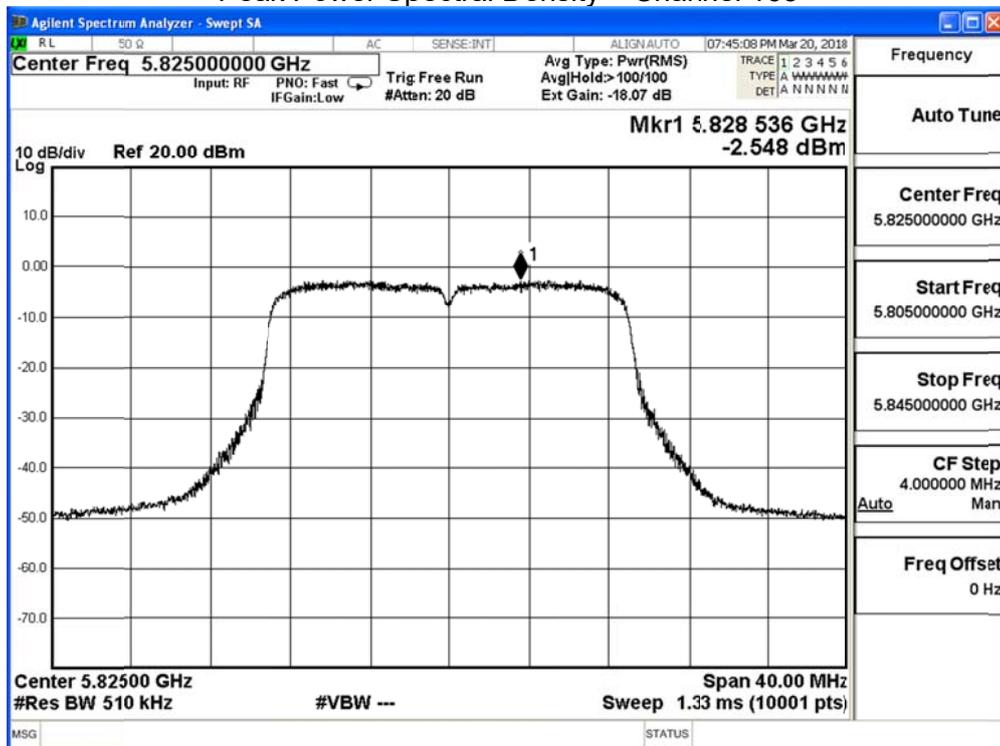
Peak Power Spectral Density – Channel 149



Peak Power Spectral Density – Channel 157



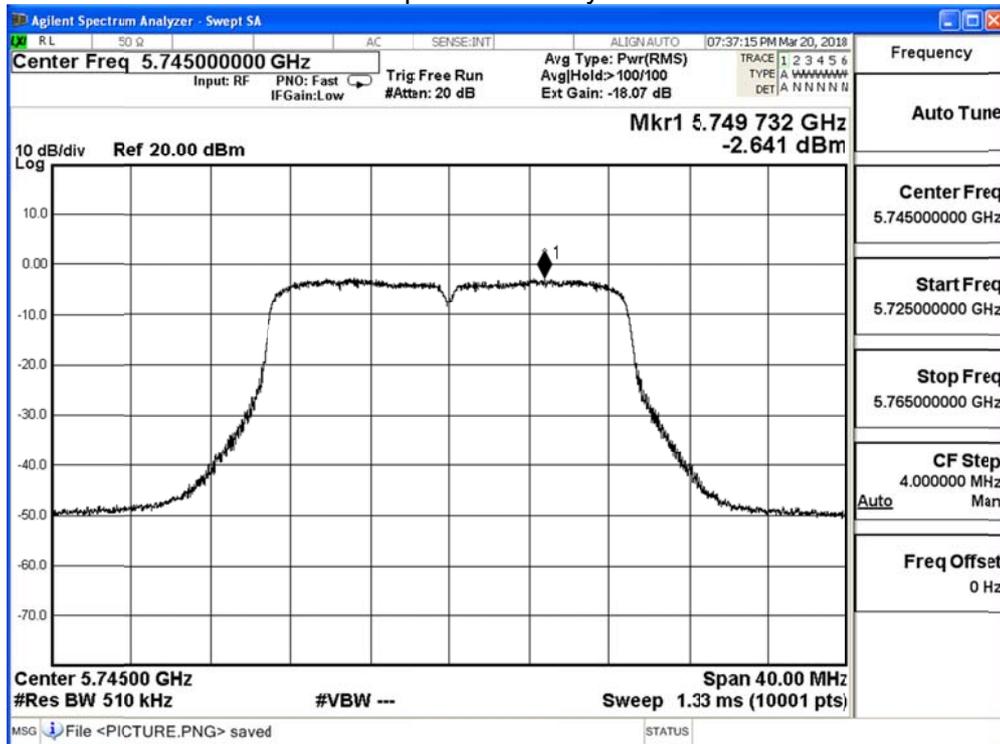
Peak Power Spectral Density – Channel 165



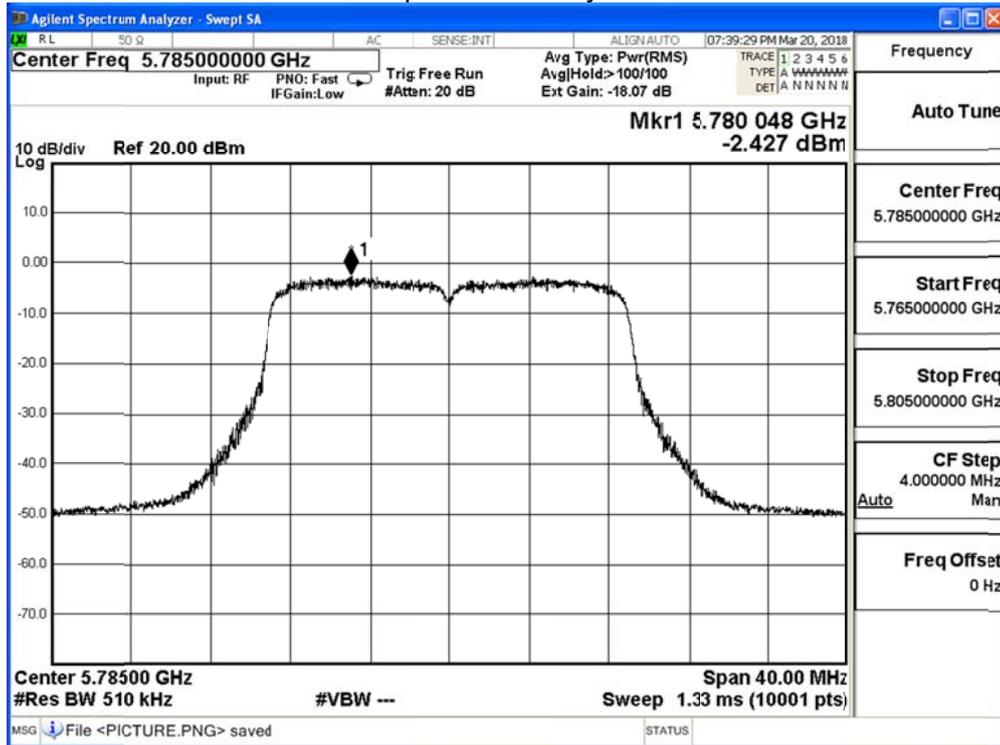
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 1)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
149	5745	-2.641	≤30	Pass
157	5785	-2.427	≤30	Pass
165	5825	-2.656	≤30	Pass

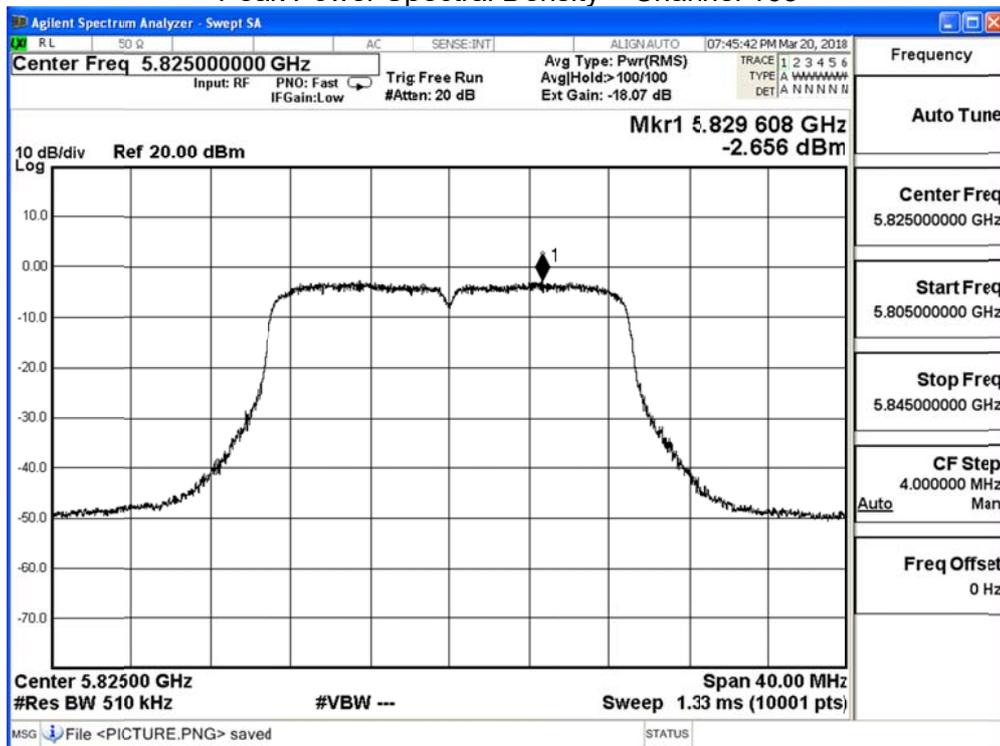
Peak Power Spectral Density – Channel 149



Peak Power Spectral Density – Channel 157



Peak Power Spectral Density – Channel 165



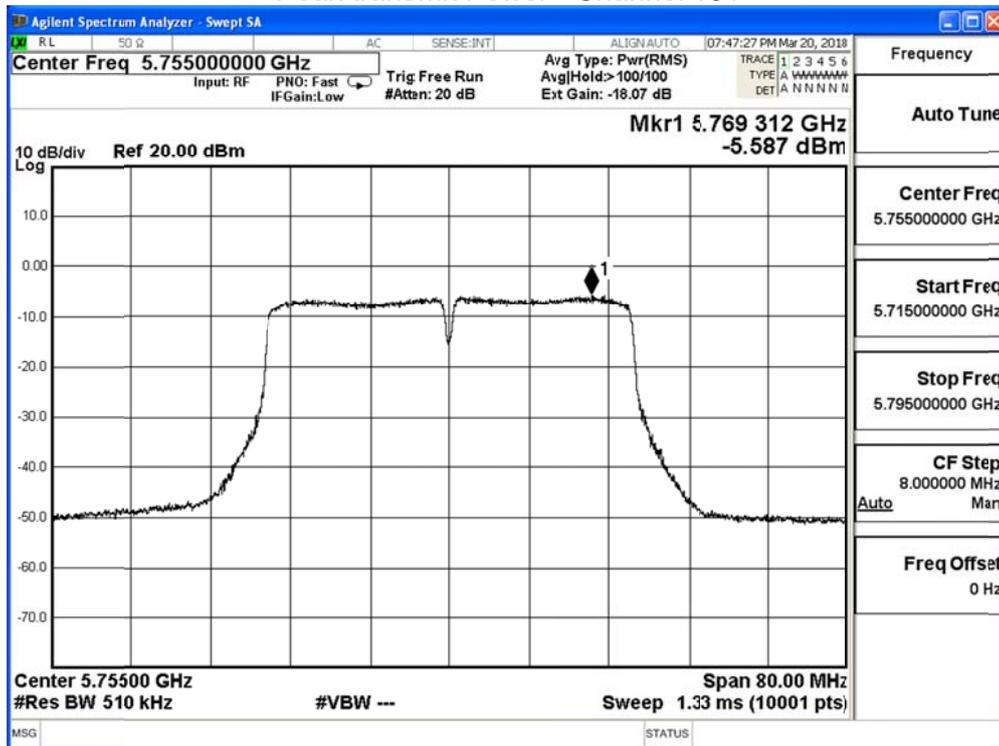
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	0.441	≤30	Pass
157	5785	0.464	≤30	Pass
165	5825	0.409	≤30	Pass

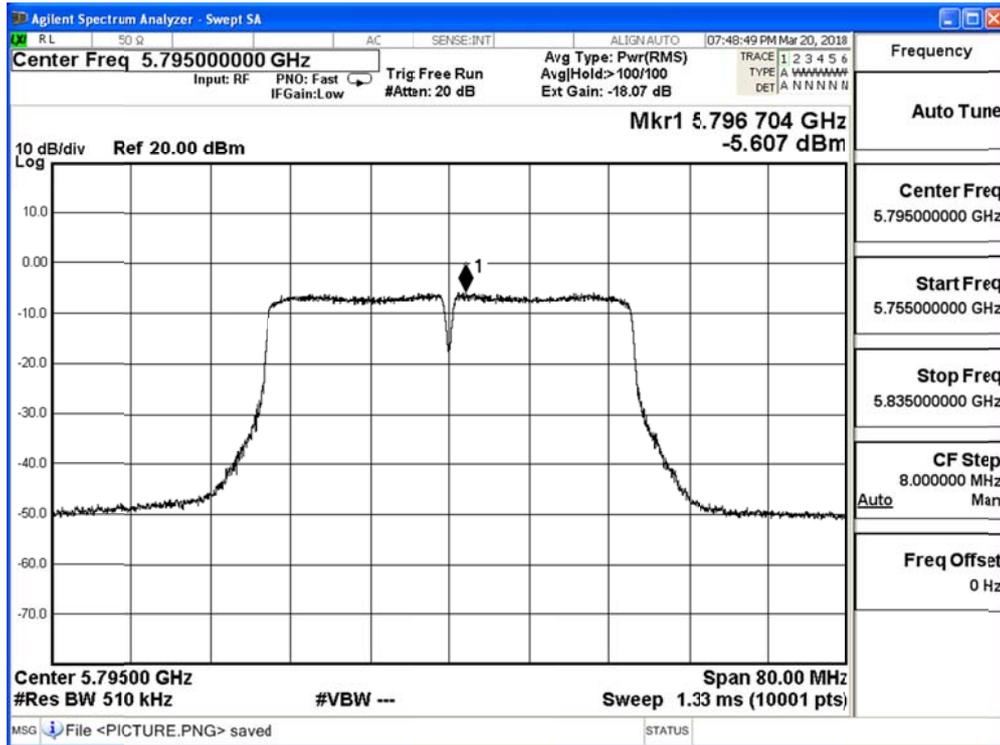
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11n(40MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-5.587	≤30	Pass
159	5795	-5.607	≤30	Pass

Peak transmit Power - Channel 151



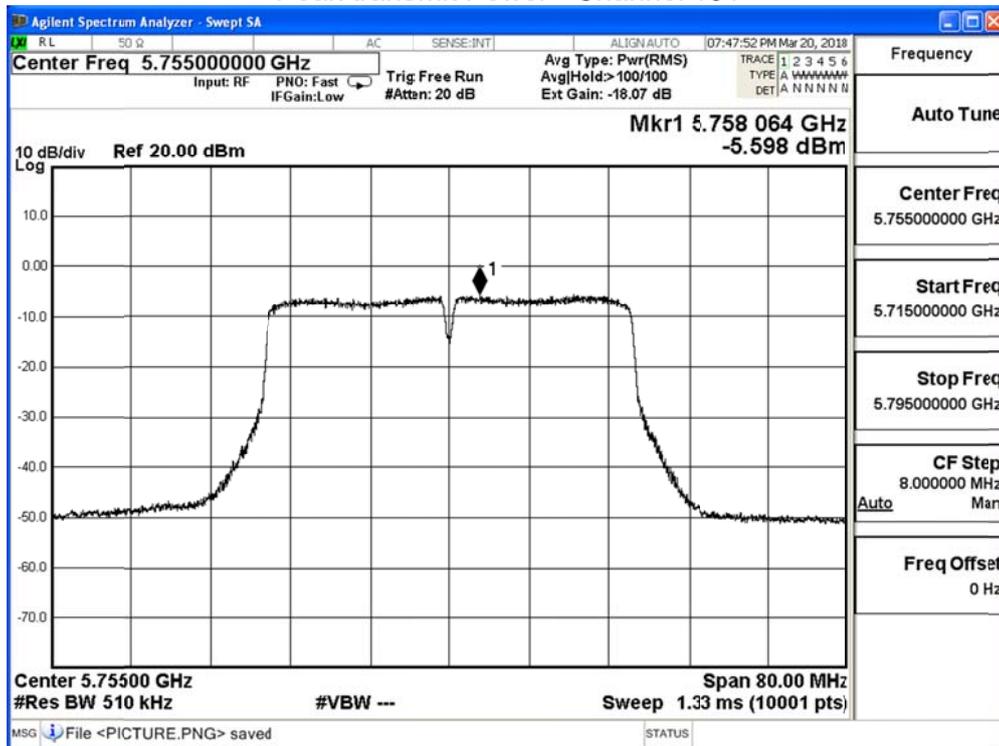
Peak transmit Power - Channel 159



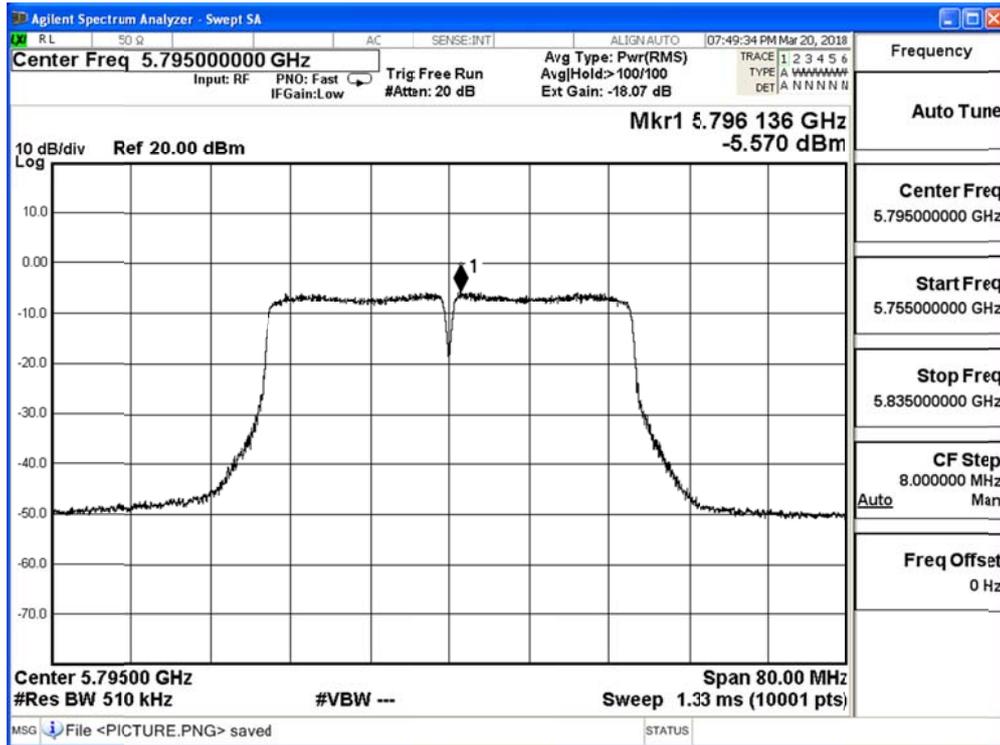
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 1)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
151	5755	-5.598	≤30	Pass
159	5795	-5.570	≤30	Pass

Peak transmit Power - Channel 151



Peak transmit Power - Channel 159



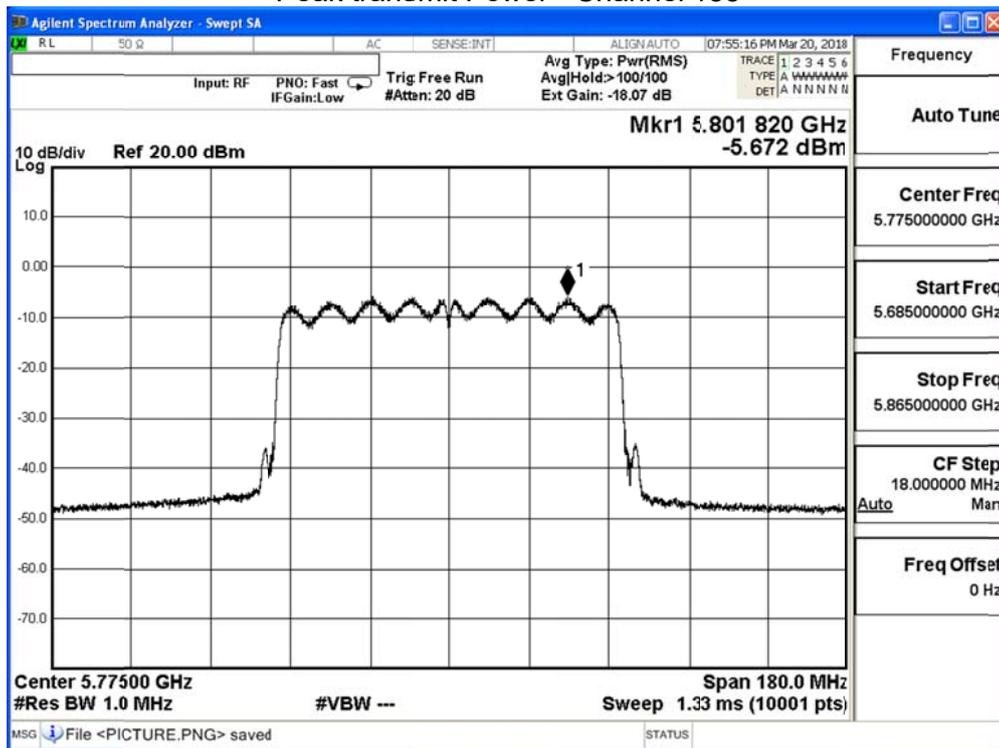
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	2018/03/20	2018/03/20

IEEE 802.11n(40MHz) (ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-2.582	≤30	Pass
159	5795	-2.578	≤30	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11ac(80MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-5.672	≤30	Pass

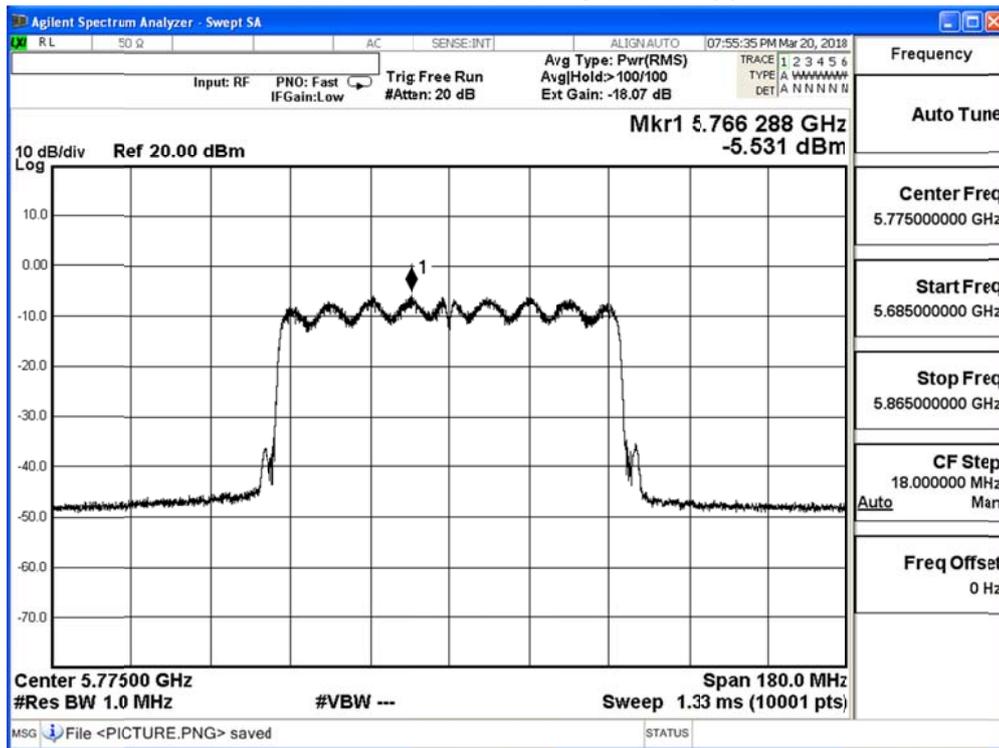
Peak transmit Power - Channel 155



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11ac(80MHz) (ANT 1)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
155	5775	-5.531	≤30	Pass

Peak transmit Power - Channel 155



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2018/03/20	Test Site	SR10-H

IEEE 802.11ac(80MHz)(ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-2.591	≤30	Pass