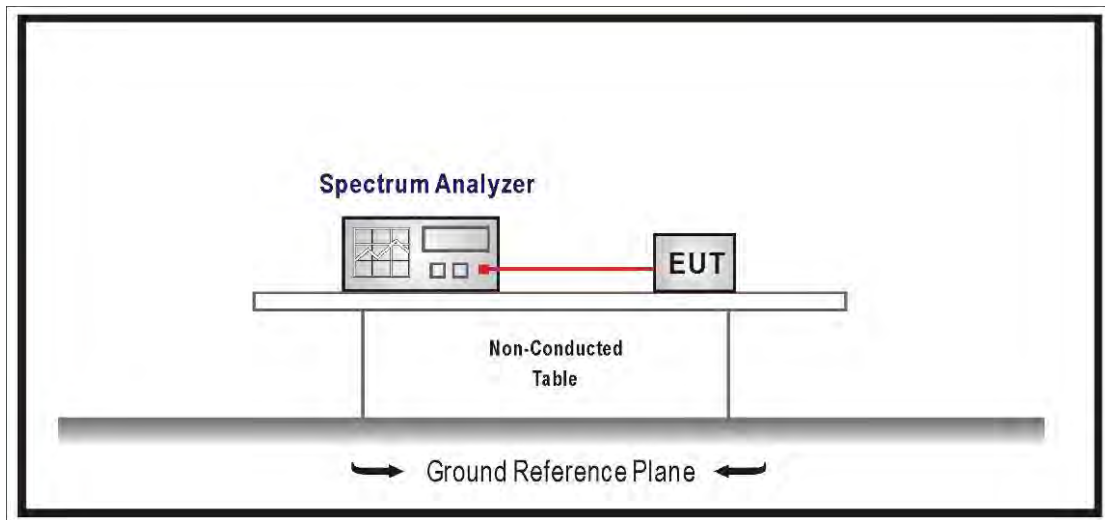


4. Maximum conducted output power

4.1. Test Setup



4.2. Limits

1. For the band 5.15-5.25 GHz, the Maximum conducted output power over the frequency band of operation shall not exceed the lesser of 1W. If transmitting antenna of directional gain greater than 6 dBi are used, the Maximum conducted output power 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 conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. 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 Maximum conducted output power over the frequency band of operation shall not exceed the lesser of 250 mW. If transmitting antenna of directional gain greater than 6 dBi are used, the Maximum conducted output power 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 Maximum conducted output power over the frequency band of operation shall not exceed the lesser of 1W. If transmitting antenna of directional gain greater than 6 dBi are used, the Maximum conducted output power shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.

4.3. Test Procedure

The EUT was setup to ANSI C63.10: 2013; tested to U-NII test procedure of 789033 D01 V01R02 for compliance to FCC 47CFR Subpart E requirements. The Method SA-1 of the Maximum conducted output power was used.

Set RBW=1MHz, VBW=3MHz with RMS detector and trace average 100 traces in power averaging mode. Set span to encompass the entire emission bandwidth (EBW) of the signal. Compute power by integrating the spectrum across the 26 dB EBW of the signal.

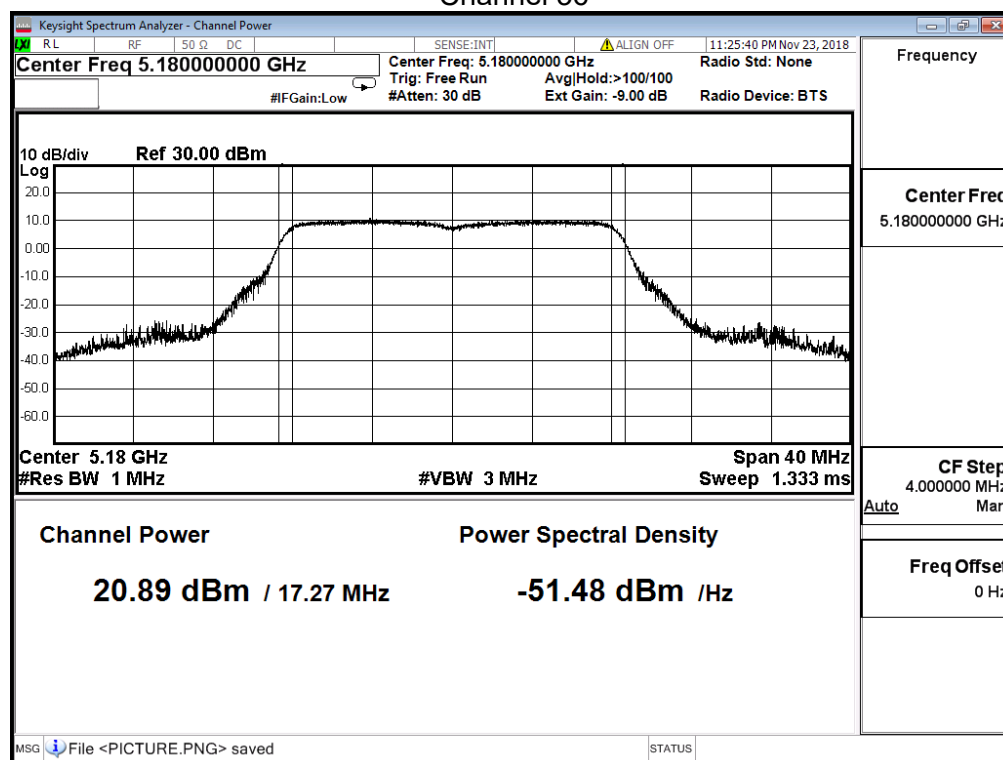
4.4. Test Result

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 1: Tx_ CDD Mode_ ADP1		
Date of Test	2018/11/23	Test Site	SR10-H

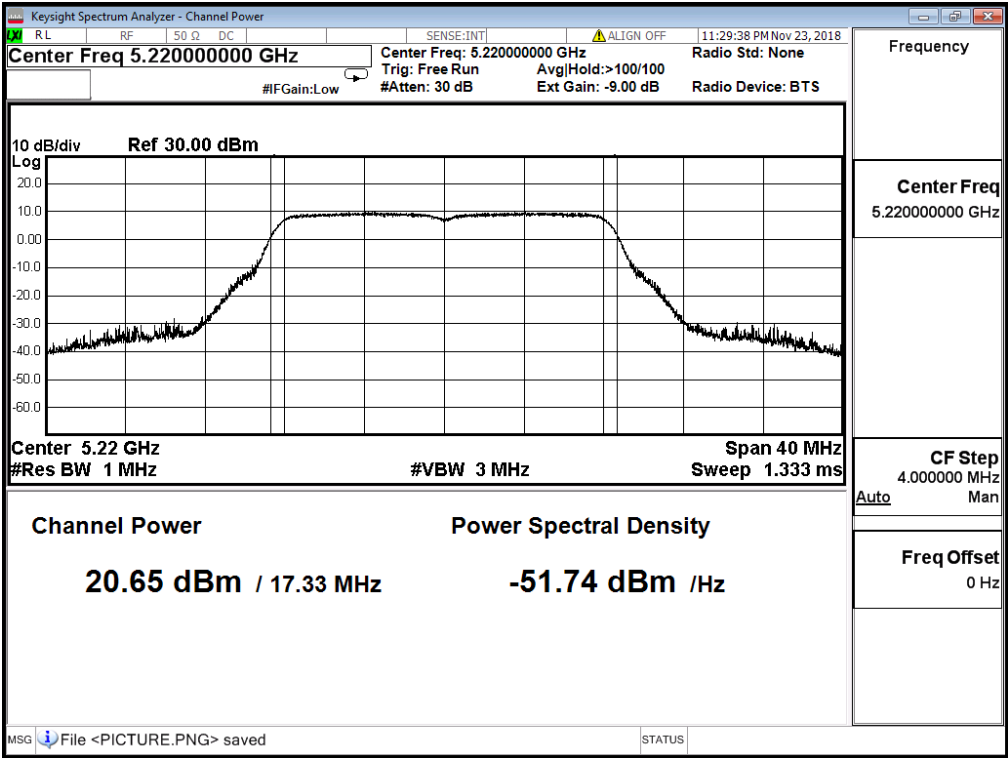
IEEE 802.11a (ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	20.890	≤ 30
44	5220	20.650	≤ 30
48	5240	20.670	≤ 30

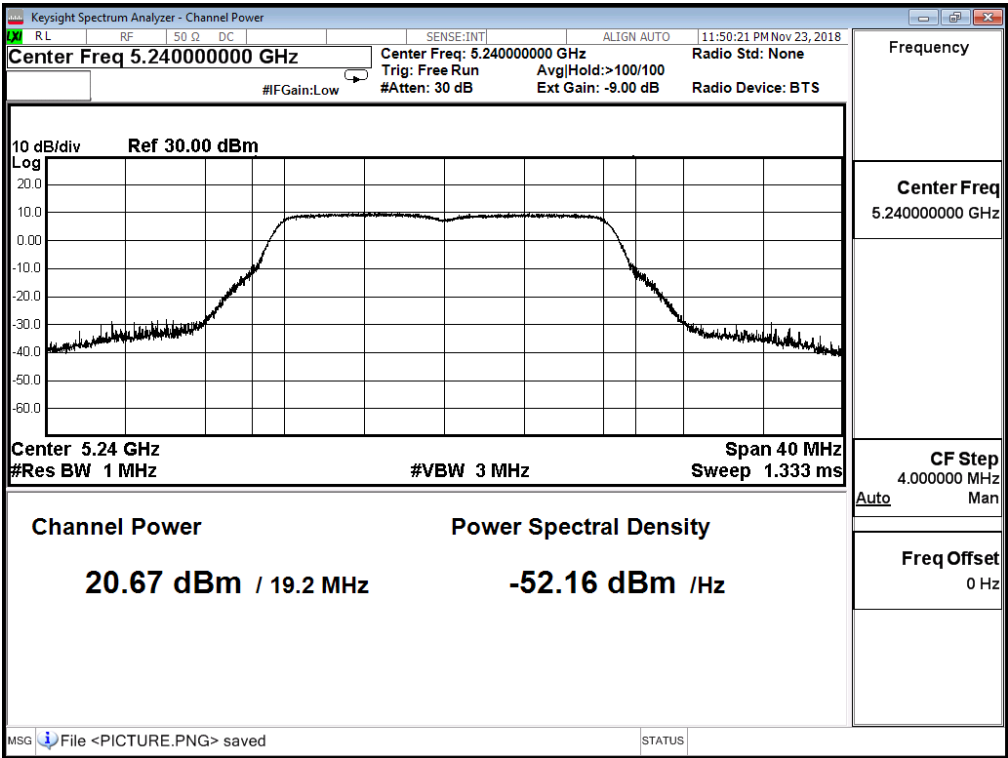
Channel 36



Channel 44



Channel 48

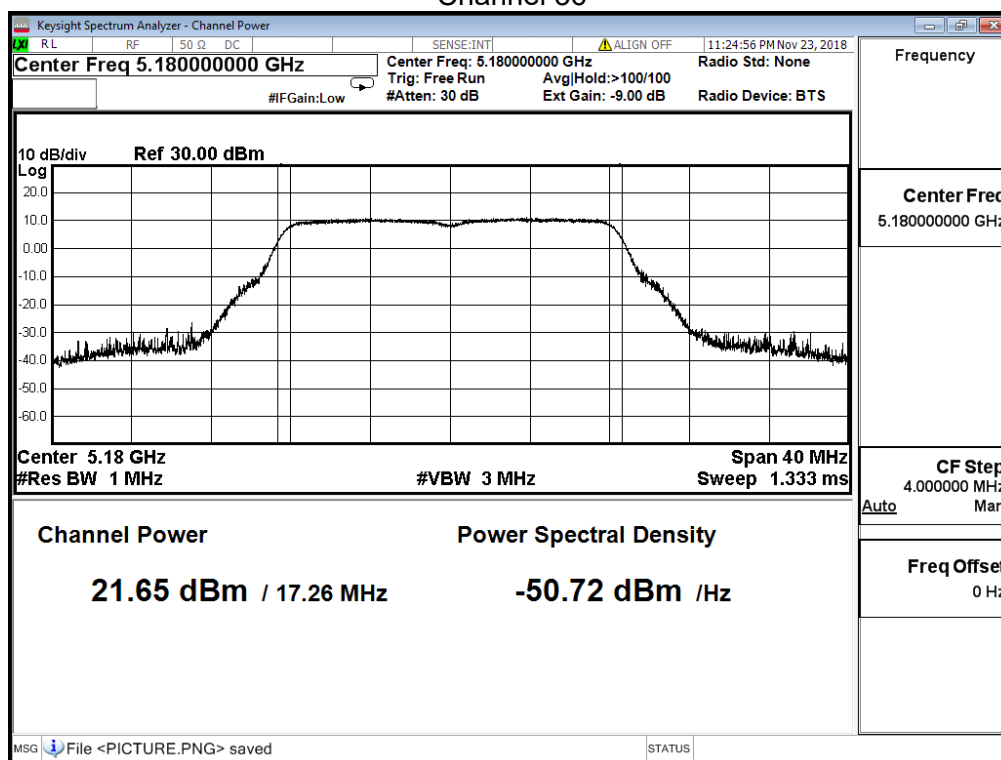


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 1: Tx_ CDD Mode_ ADP1		
Date of Test	2018/11/23	Test Site	SR10-H

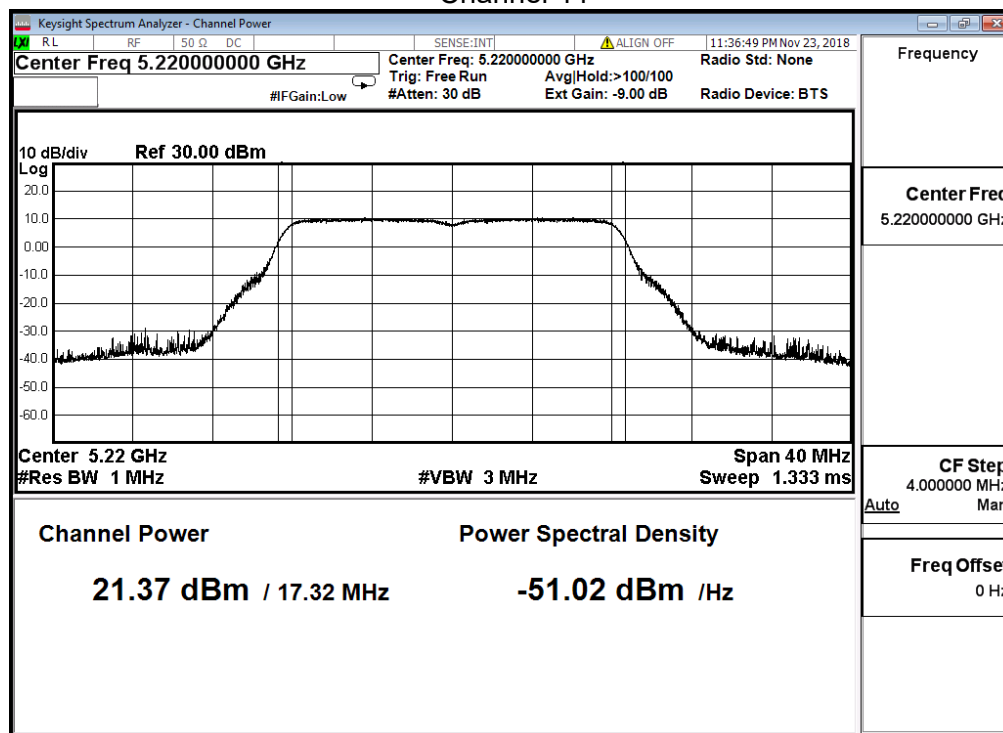
IEEE 802.11a (ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	21.650	≤ 30
44	5220	21.370	≤ 30
48	5240	21.280	≤ 30

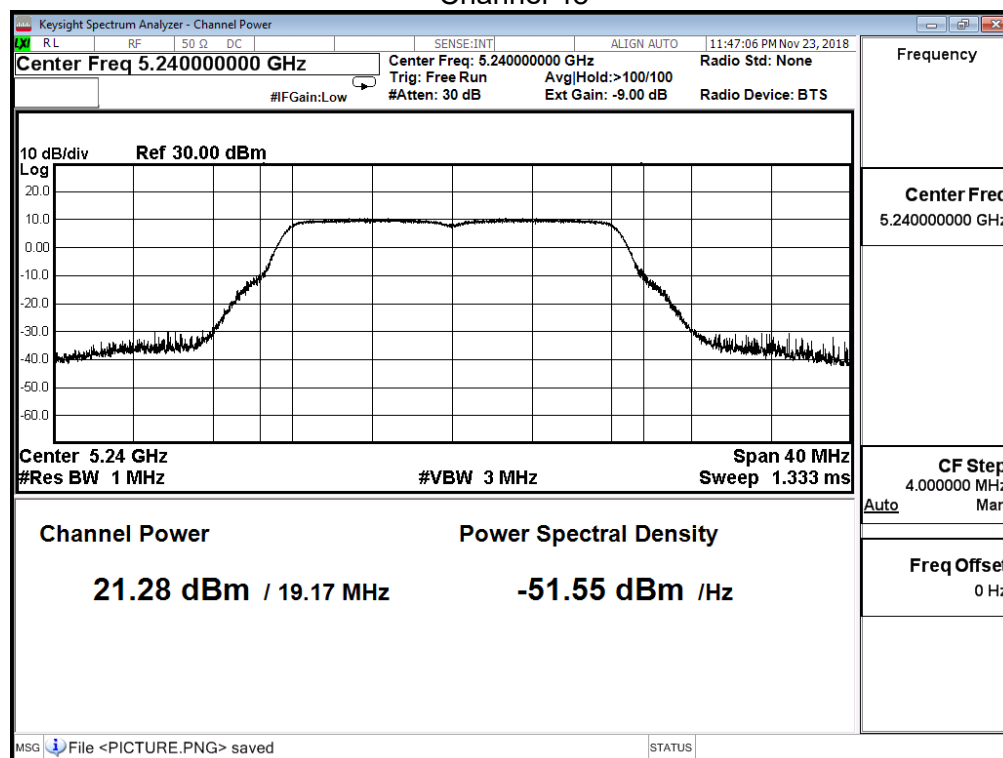
Channel 36



Channel 44



Channel 48

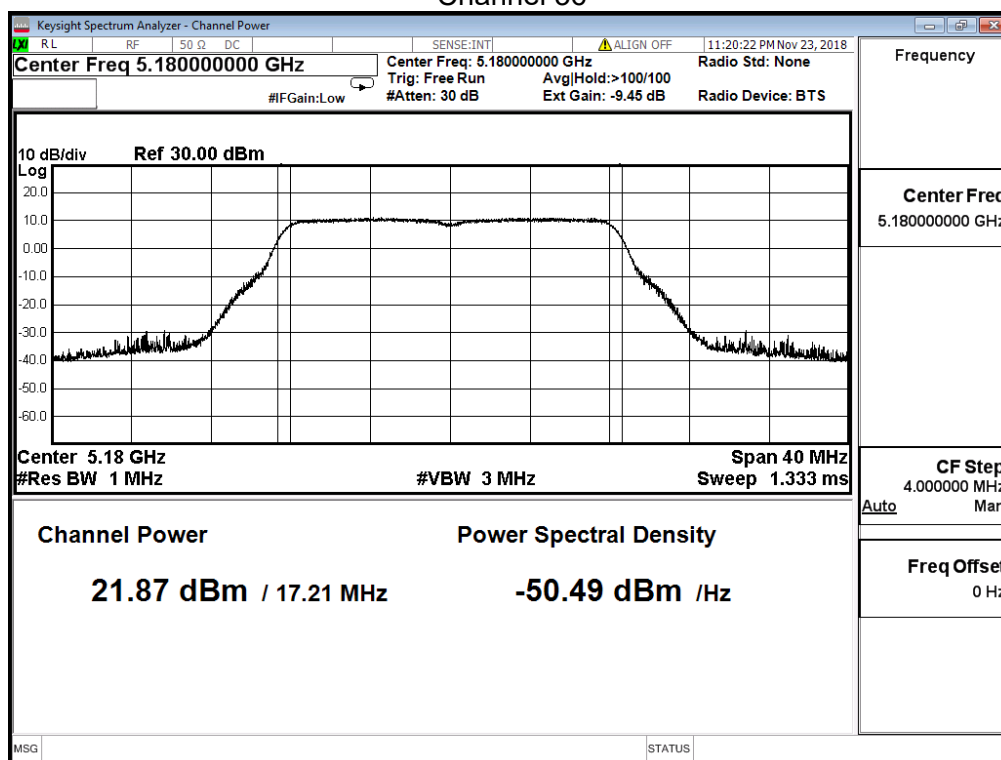


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 1: Tx_ CDD Mode_ ADP1		
Date of Test	2018/11/23	Test Site	SR10-H

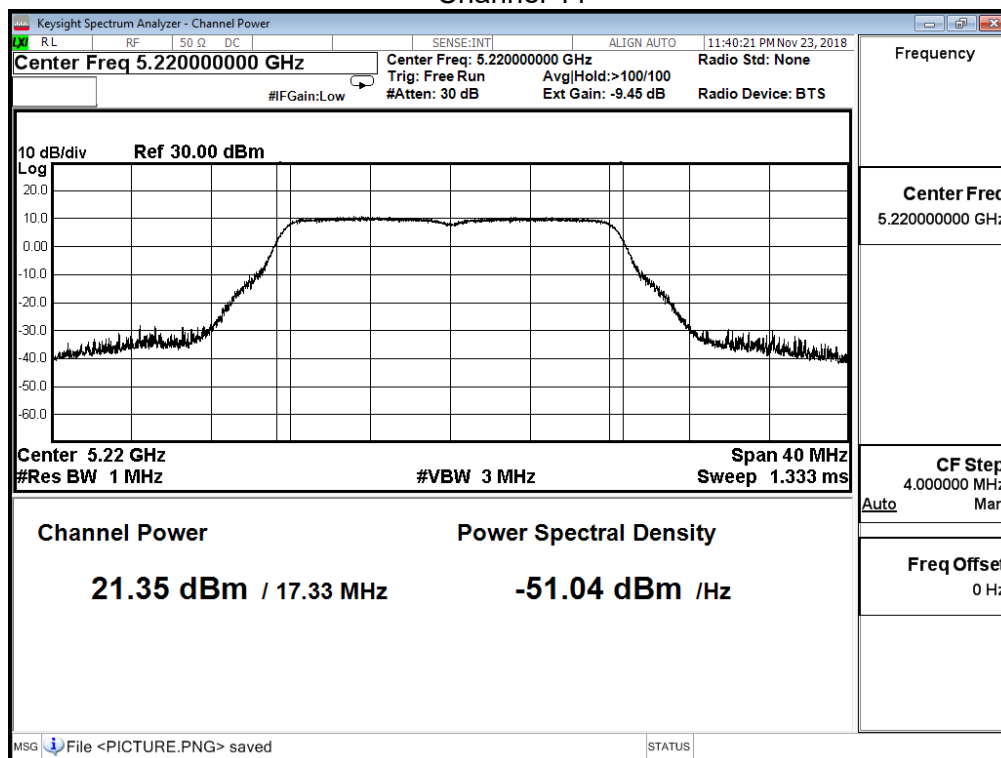
IEEE 802.11a (ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	21.870	≤ 30
44	5220	21.350	≤ 30
48	5240	21.480	≤ 30

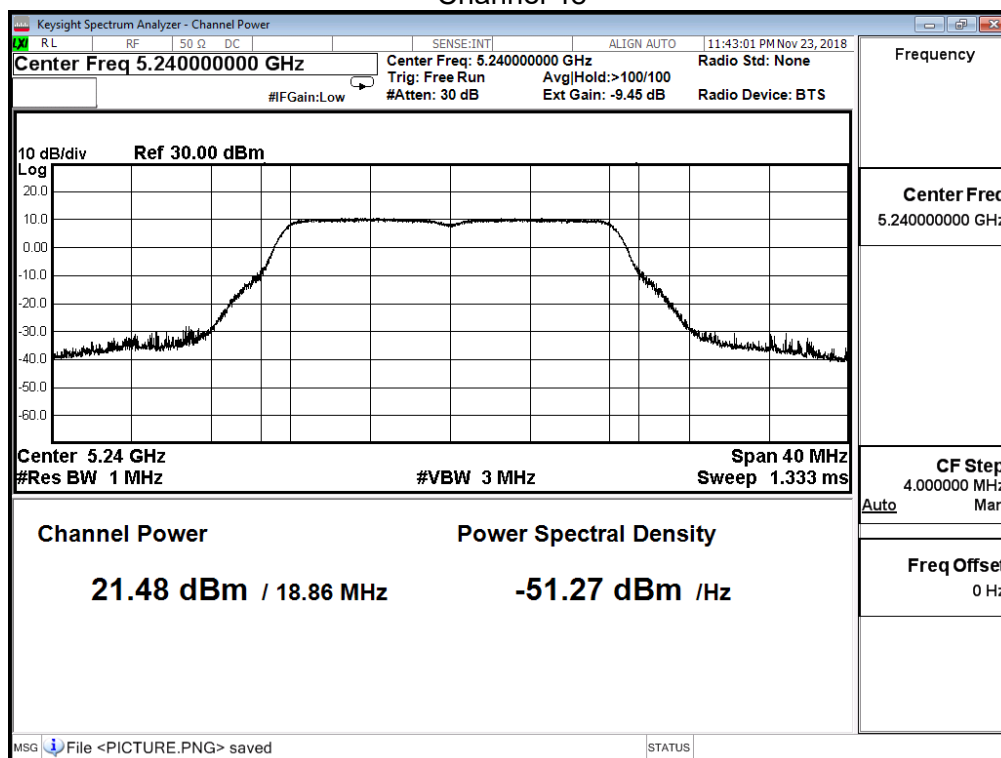
Channel 36



Channel 44



Channel 48

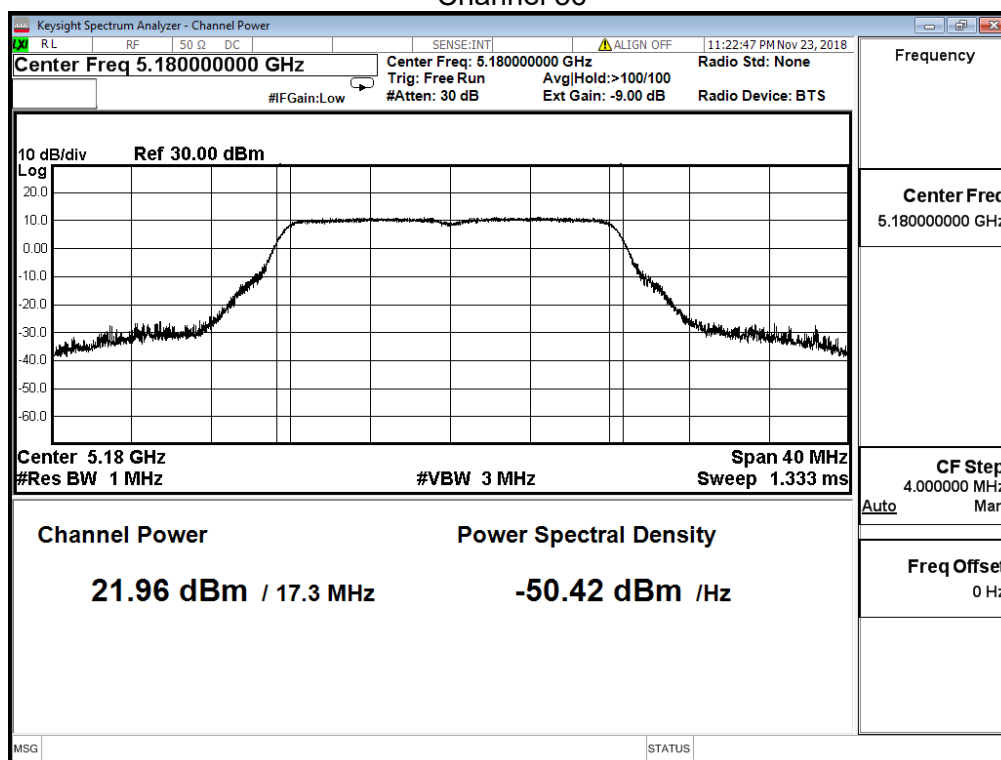


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 1: Tx_ CDD Mode_ ADP1		
Date of Test	2018/11/23	Test Site	SR10-H

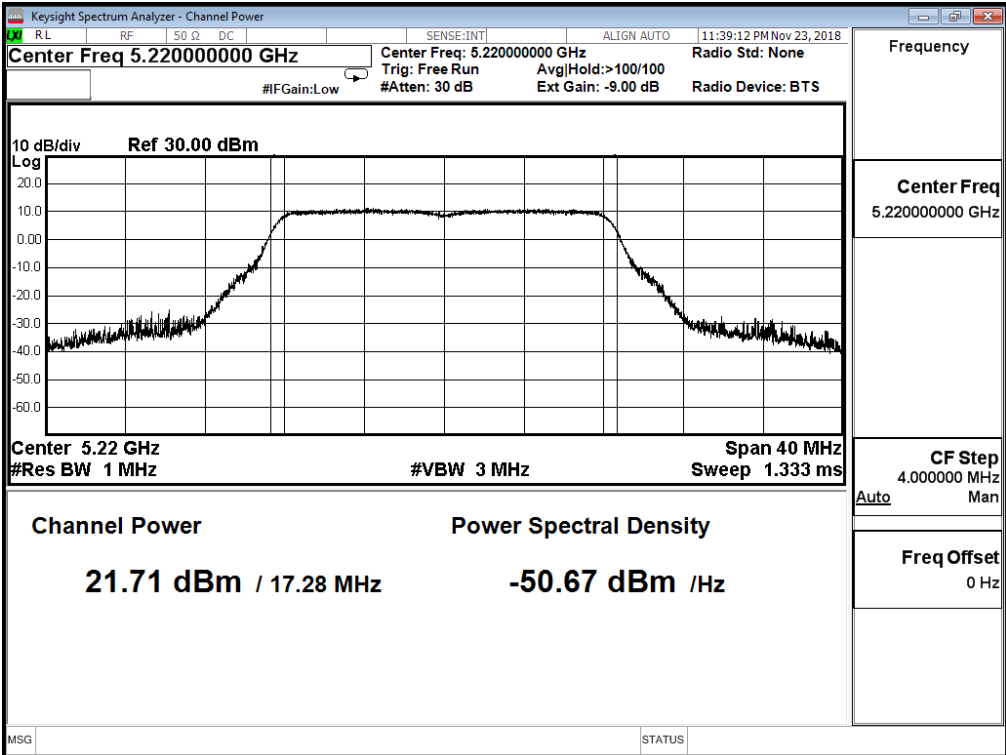
IEEE 802.11a (ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	21.960	≤ 30
44	5220	21.710	≤ 30
48	5240	21.590	≤ 30

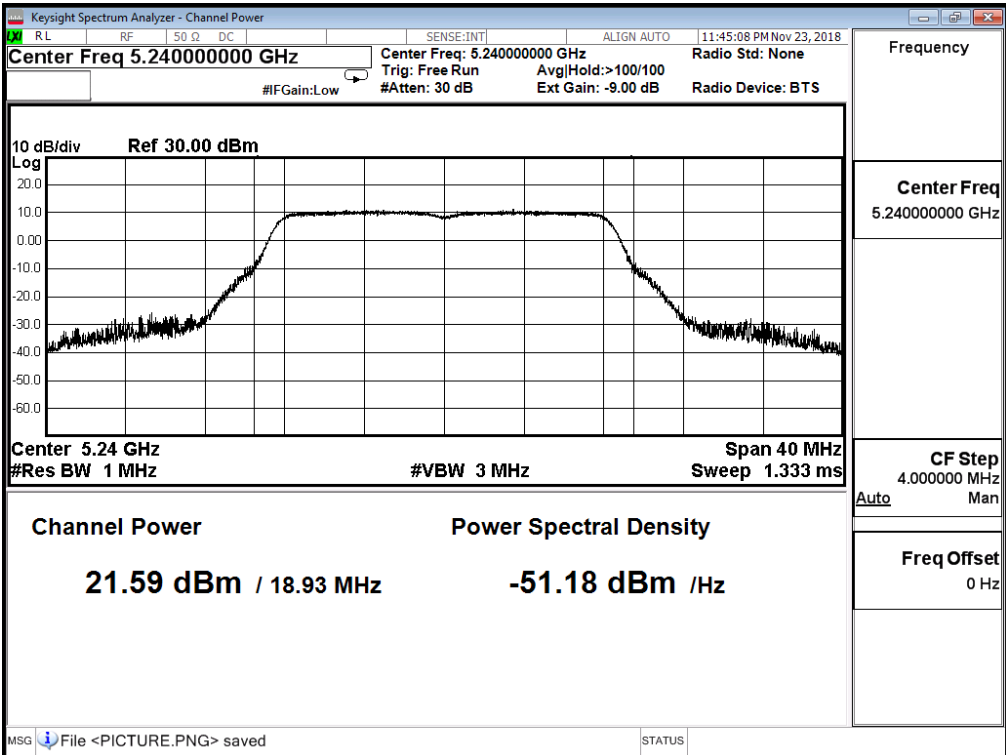
Channel 36



Channel 44



Channel 48



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 1: Tx_ CDD Mode_ ADP1		
Date of Test	2018/11/23	Test Site	SR10-H

IEEE 802.11a (ANT 0+1+2+3)

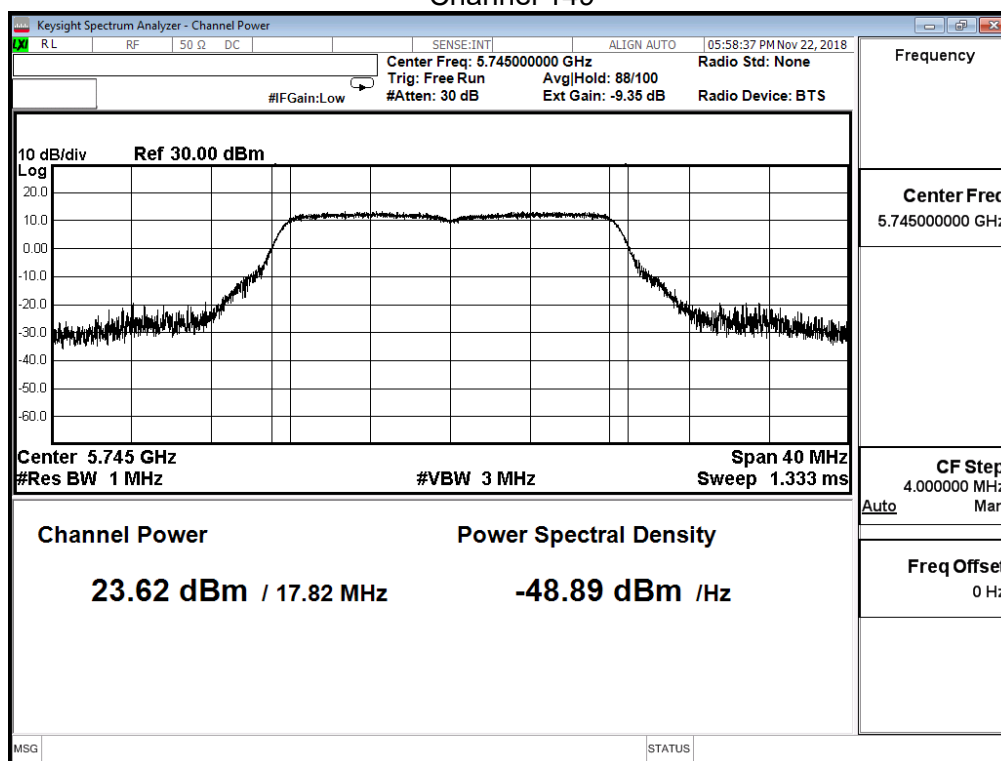
Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	27.633	≤ 30
44	5220	27.307	≤ 30
48	5240	27.290	≤ 30

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 1: Tx_ CDD Mode_ ADP1		
Date of Test	2018/11/24	Test Site	SR10-H

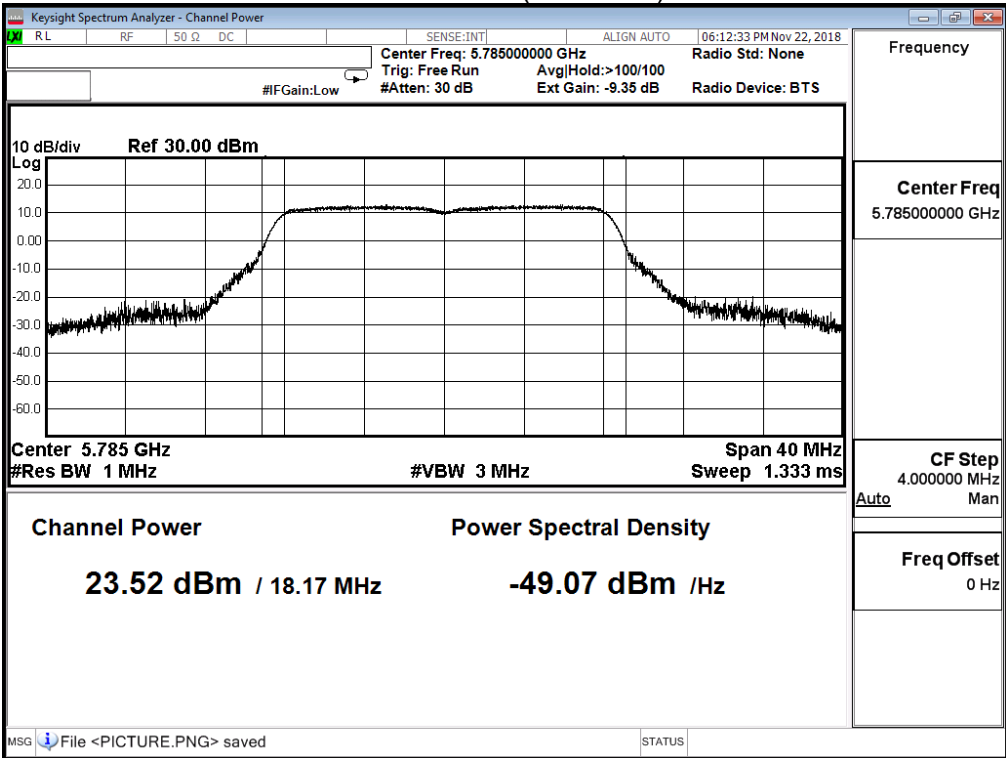
IEEE 802.11a (ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	23.620	≤ 30
157	5785	23.520	≤ 30
165	5825	23.760	≤ 30

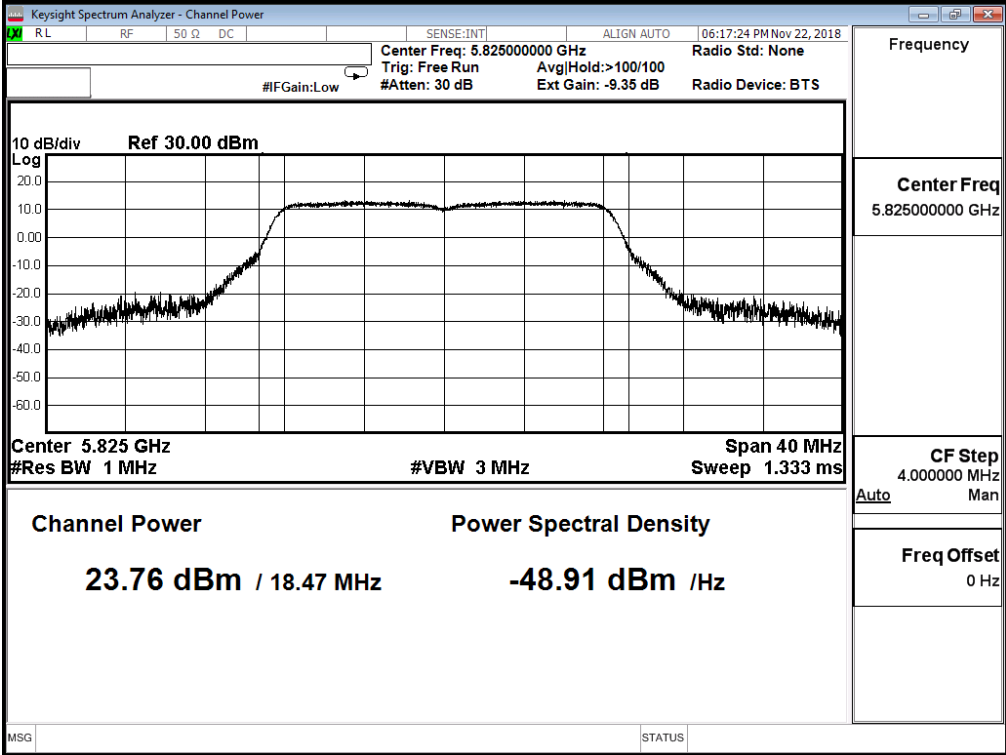
Channel 149



Channel 157 (5785MHz)



Channel 165 (5825MHz)

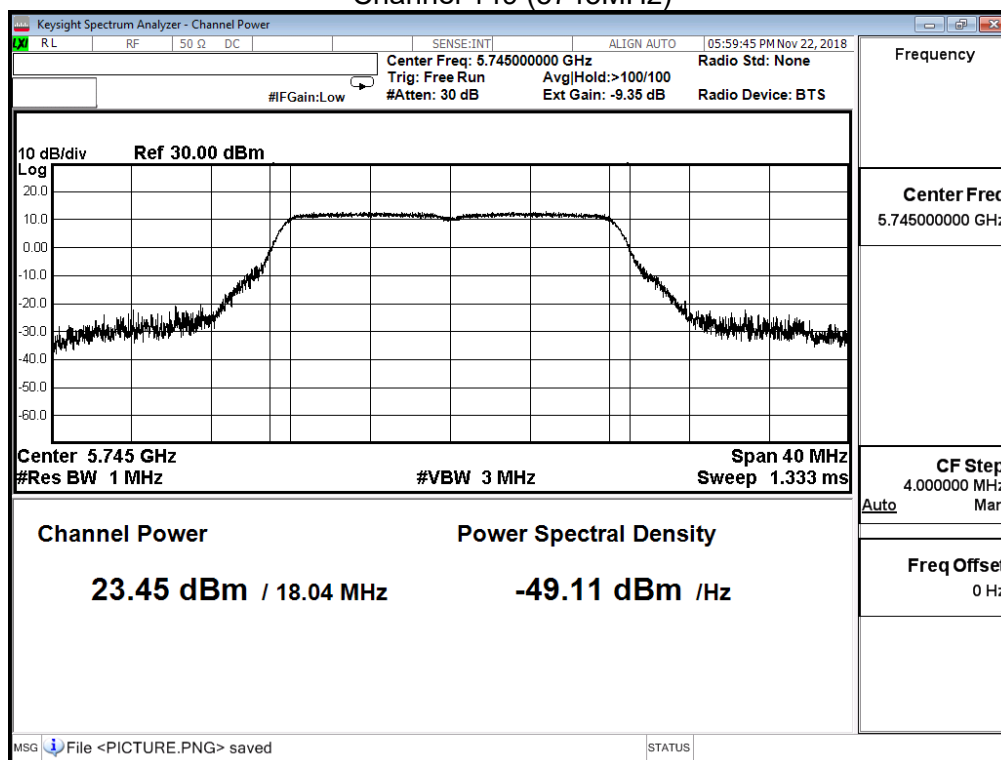


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 1: Tx_ CDD Mode_ ADP1		
Date of Test	2018/11/24	Test Site	SR10-H

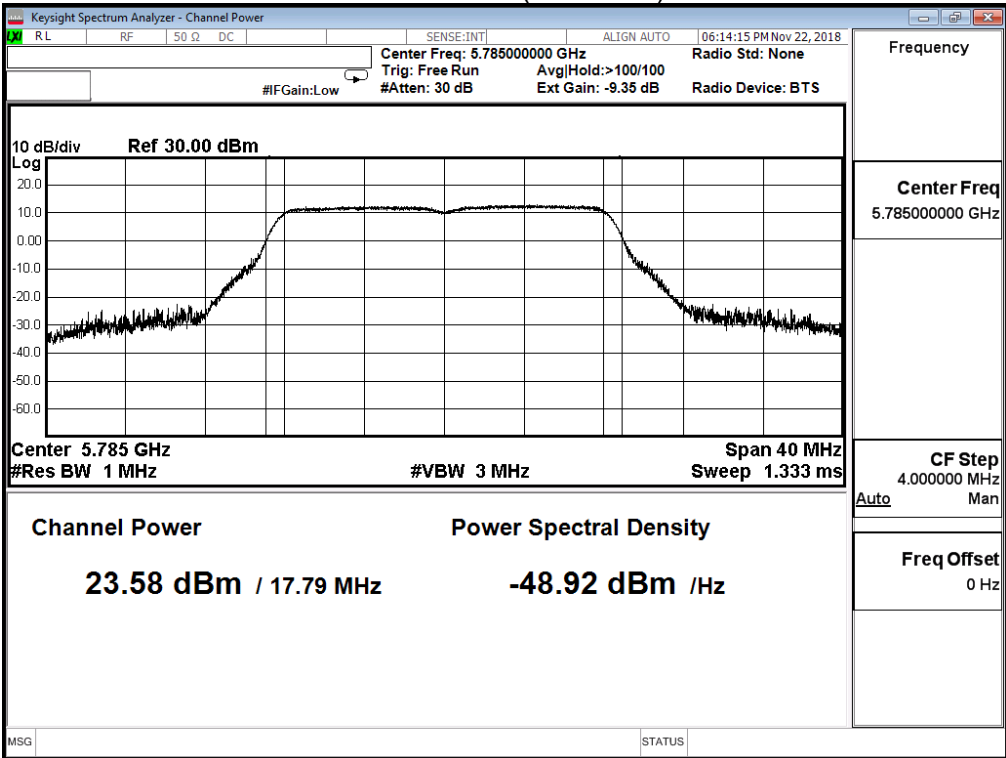
IEEE 802.11a (ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	23.450	≤ 30
157	5785	23.580	≤ 30
165	5825	23.360	≤ 30

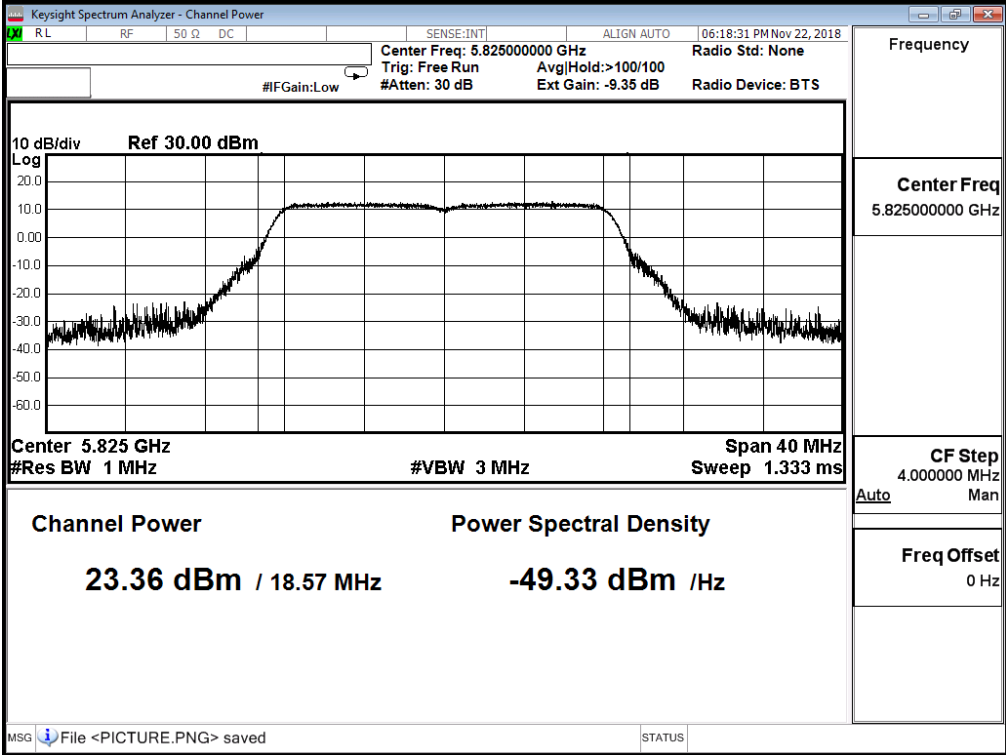
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

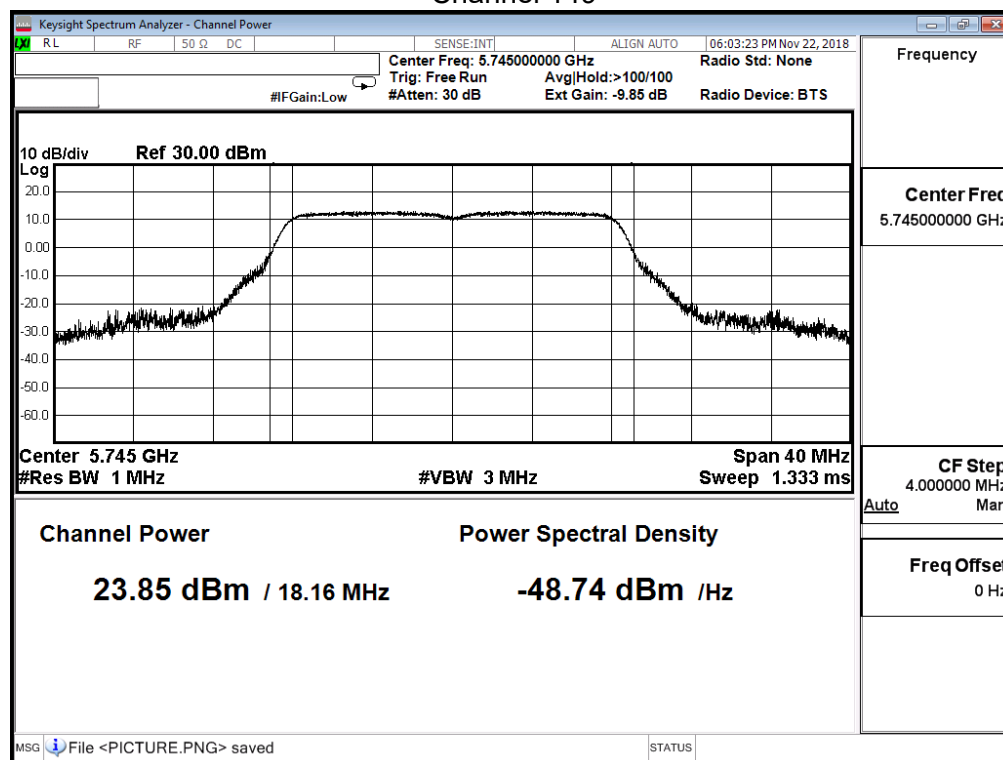


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 1: Tx_ CDD Mode_ ADP1		
Date of Test	2018/11/24	Test Site	SR10-H

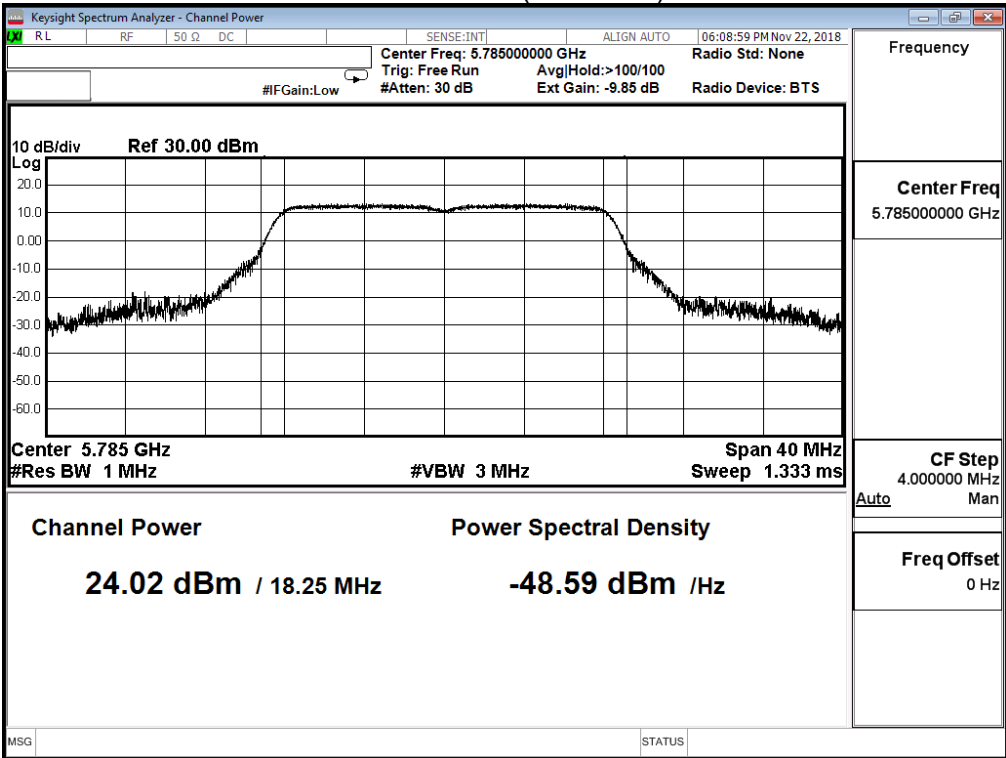
IEEE 802.11a (ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	23.850	≤ 30
157	5785	24.020	≤ 30
165	5825	23.710	≤ 30

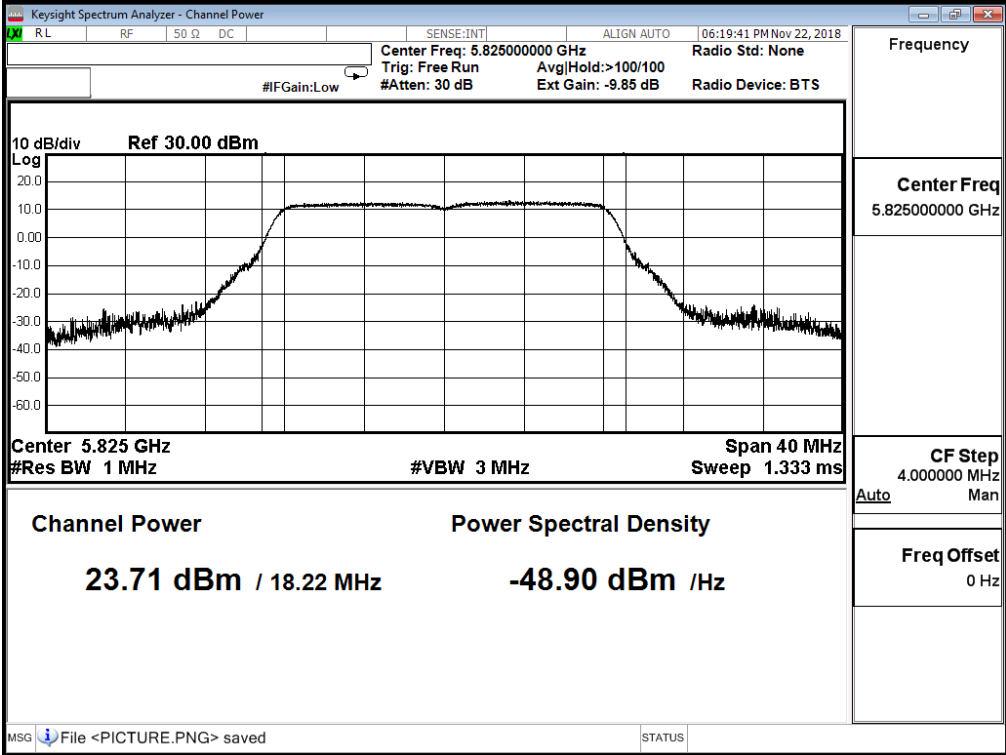
Channel 149



Channel 157 (5785MHz)



Channel 165 (5825MHz)

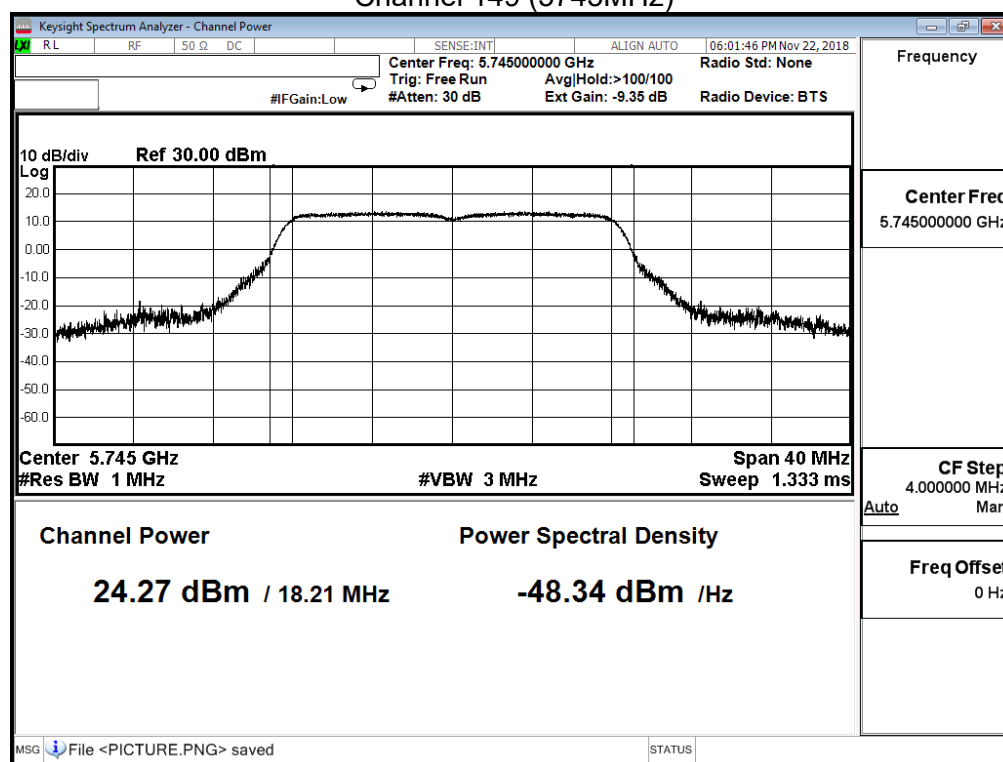


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 1: Tx_ CDD Mode_ ADP1		
Date of Test	2018/11/24	Test Site	SR10-H

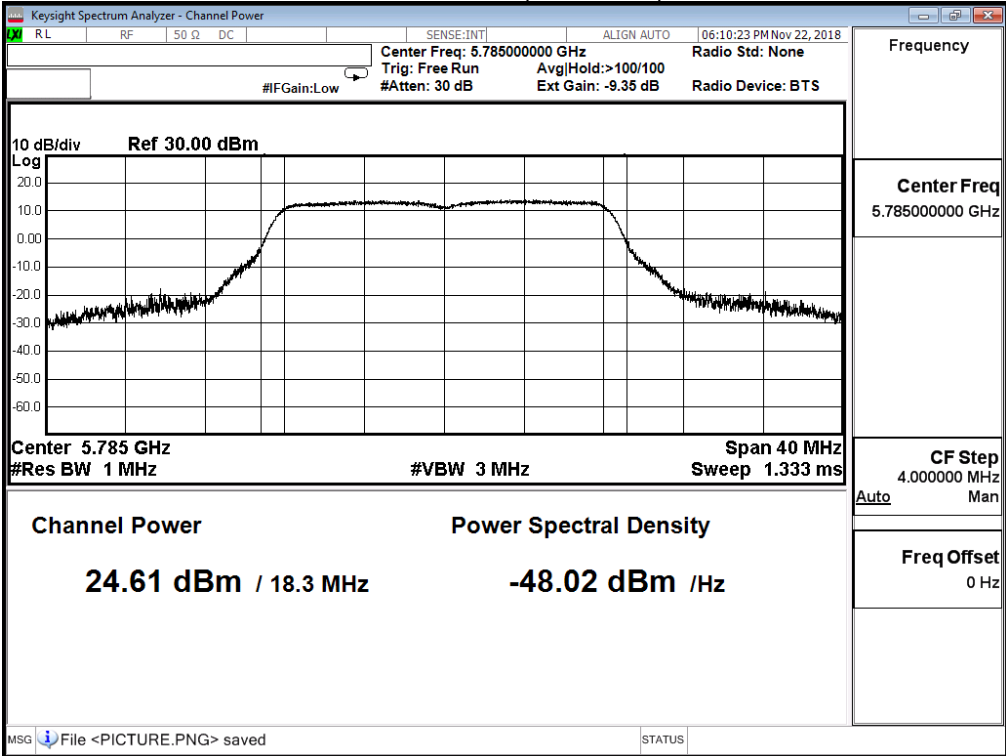
IEEE 802.11a (ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	24.270	≤ 30
157	5785	24.610	≤ 30
165	5825	24.330	≤ 30

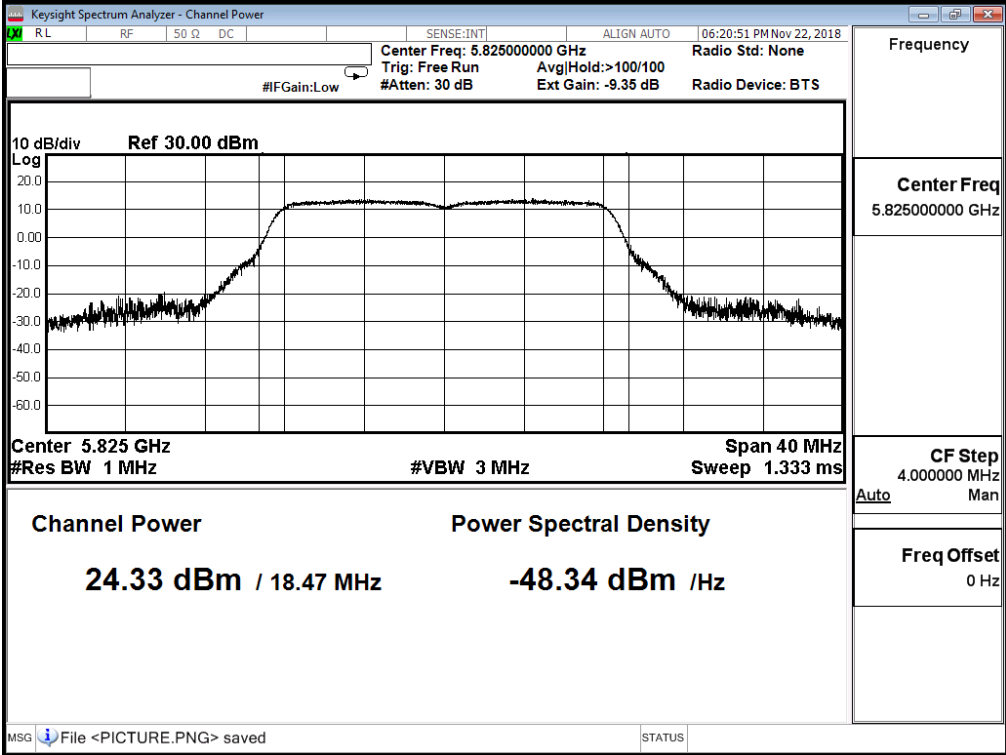
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 1: Tx_ CDD Mode_ ADP1		
Date of Test	2018/11/24	Test Site	SR10-H

IEEE 802.11a (ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	29.829	≤ 30
157	5785	29.975	≤ 30
165	5825	29.825	≤ 30

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 5: TX_ CDD Mode_ ac(80MHz+80MHz)		
Date of Test	2018/11/15	Test Site	SR10-H

Channel	Frequency (MHz)	ANT0 Output Power (dBm)	ANT1 Output Power (dBm)	ANT2 Output Power (dBm)	ANT3 Output Power (dBm)	Total (dBm)	Limit (dBm)
42+58	5210	20.010	20.350	-	--	23.194	≤ 30
	5290	--	--	20.150	19.650	22.917	≤ 24

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 6: TX_ CDD Mode_ ac(160MHz)		
Date of Test	2018/11/15	Test Site	SR10-H

Channel	Frequency (MHz)	ANT0 Output Power (dBm)	ANT1 Output Power (dBm)	ANT2 Output Power (dBm)	ANT3 Output Power (dBm)	Total (dBm)	Limit (dBm)
114	5530	17.920	17.850	-	--	23.876	≤ 24
	5610	--	--	17.800	17.850		

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/24	Test Site	SR10-H

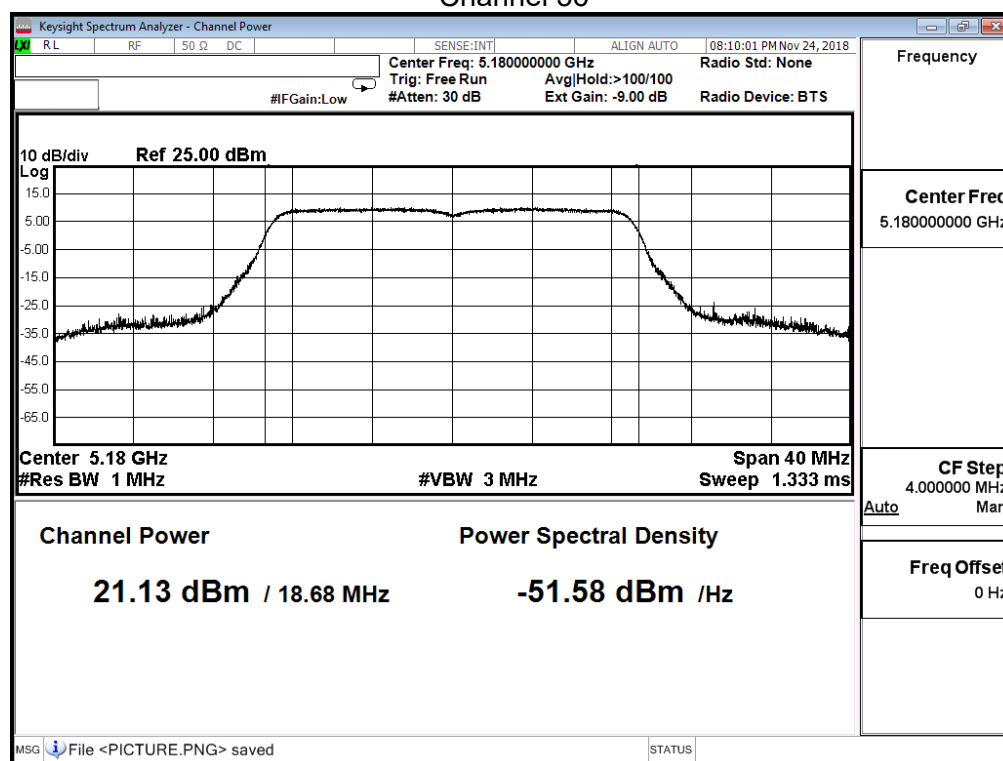
IEEE 802.11ac(20MHz)(ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	21.130	≤ 29.924
44	5220	20.930	≤ 29.924
48	5240	21.190	≤ 29.924

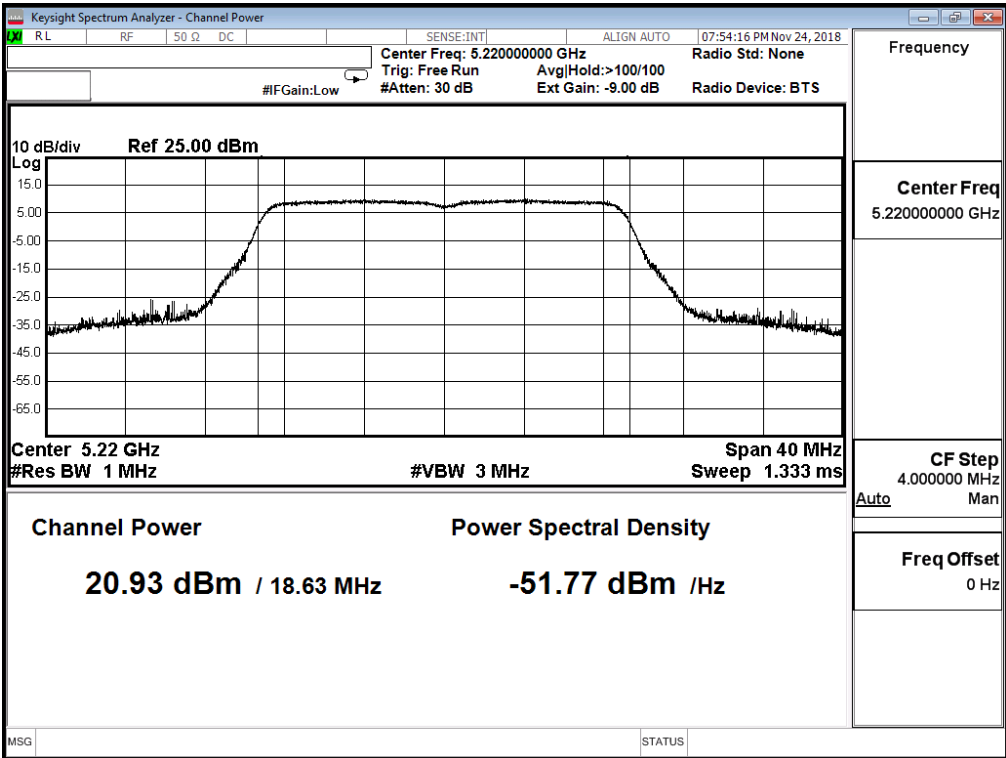
Directional gain=10log(ANT N)+Gain=4.77+1.306=6.076

Limit =30dBm-(6.076dBi-6dBi)=29.924dBm

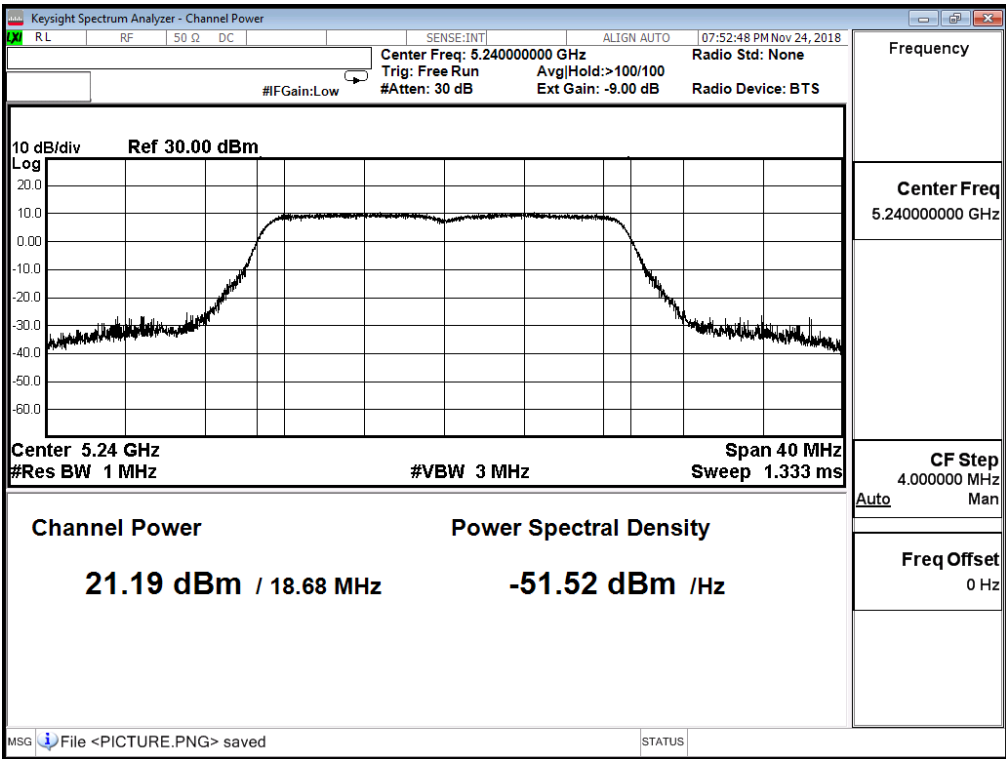
Channel 36



Channel 44



Channel 48



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/24	Test Site	SR10-H

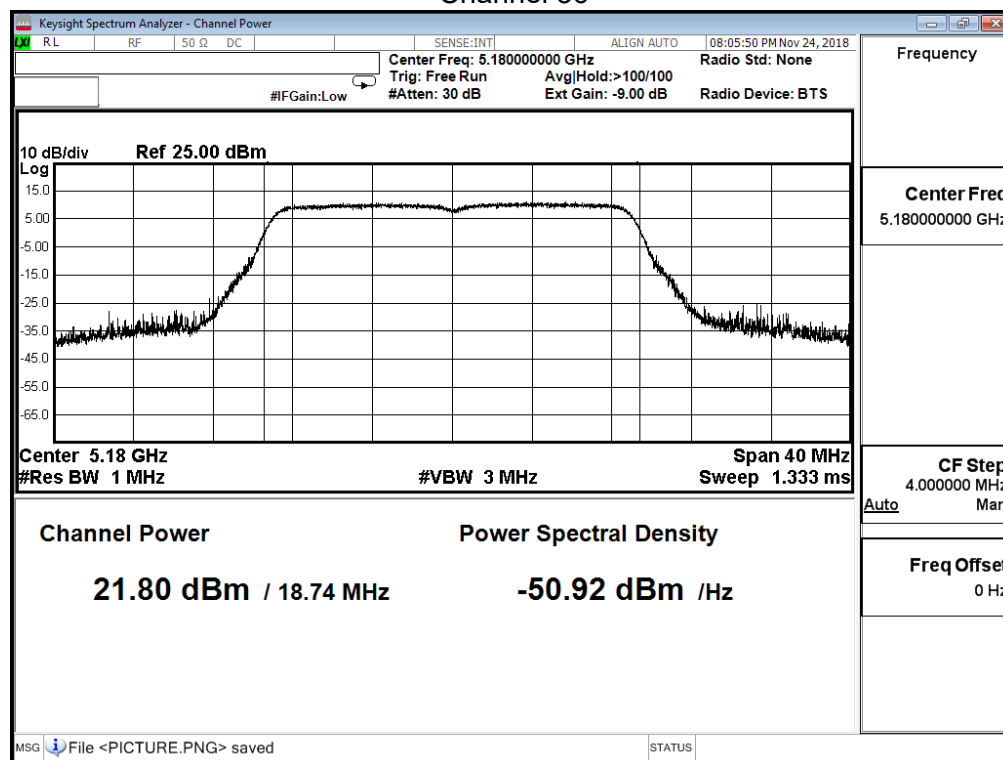
IEEE 802.11ac(20MHz)(ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	21.800	≤ 29.924
44	5220	21.650	≤ 29.924
48	5240	21.740	≤ 29.924

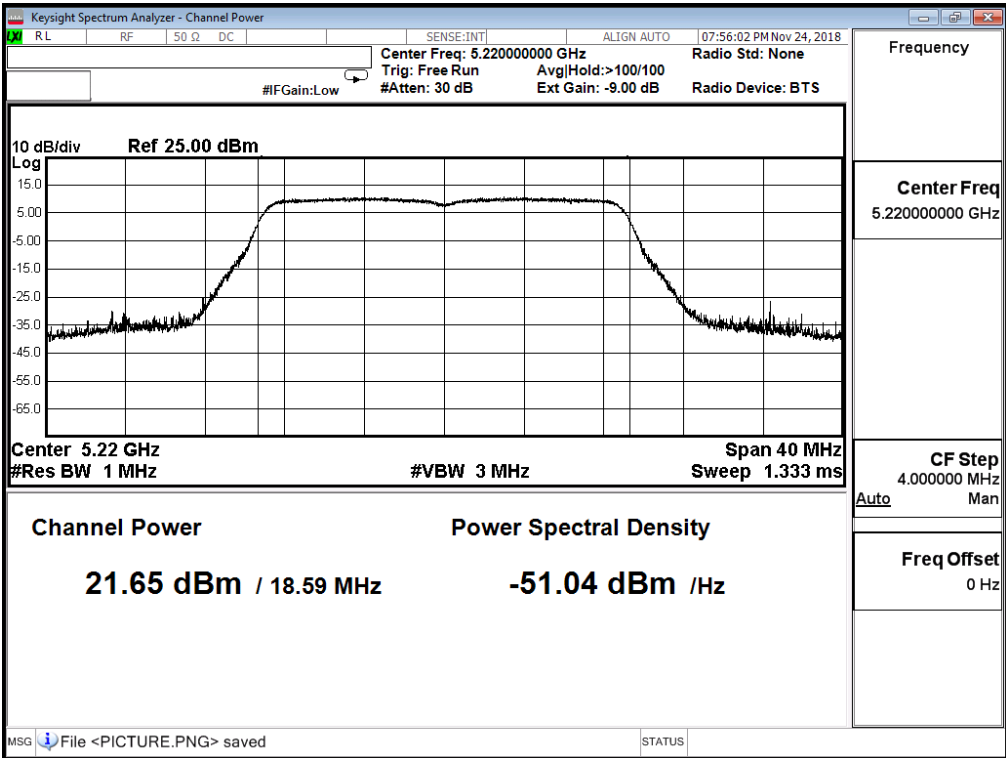
Directional gain=10log(ANT N)+Gain=4.77+1.306=6.076

Limit =30dBm-(6.076dBi-6dBi)=29.924dBm

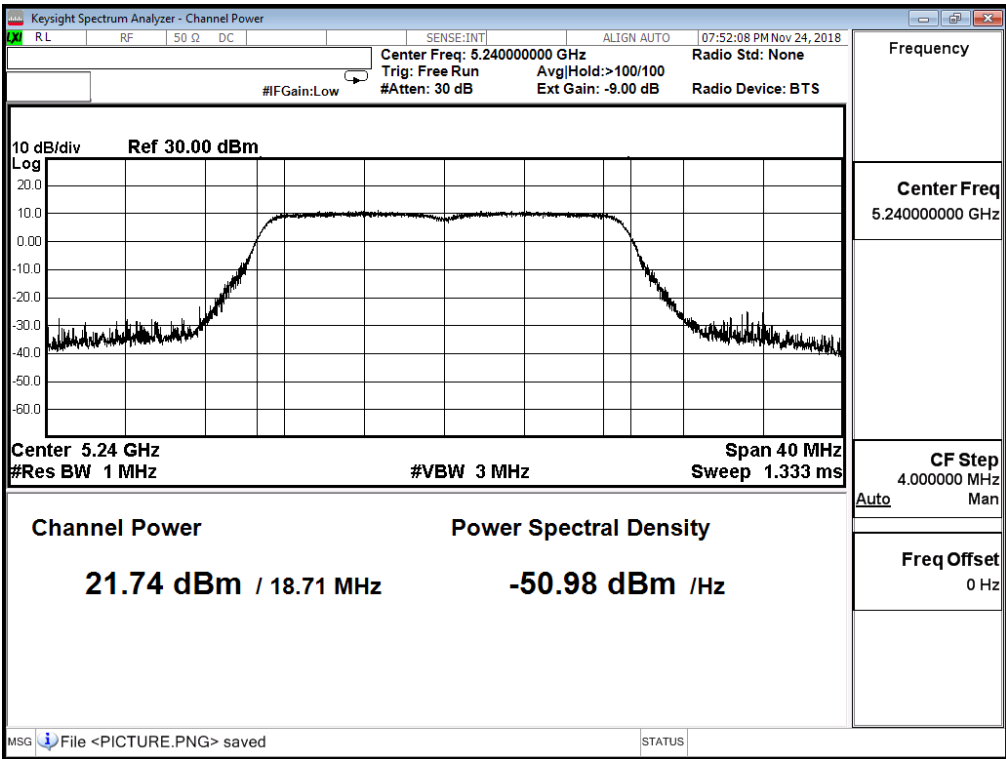
Channel 36



Channel 44



Channel 48



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/24	Test Site	SR10-H

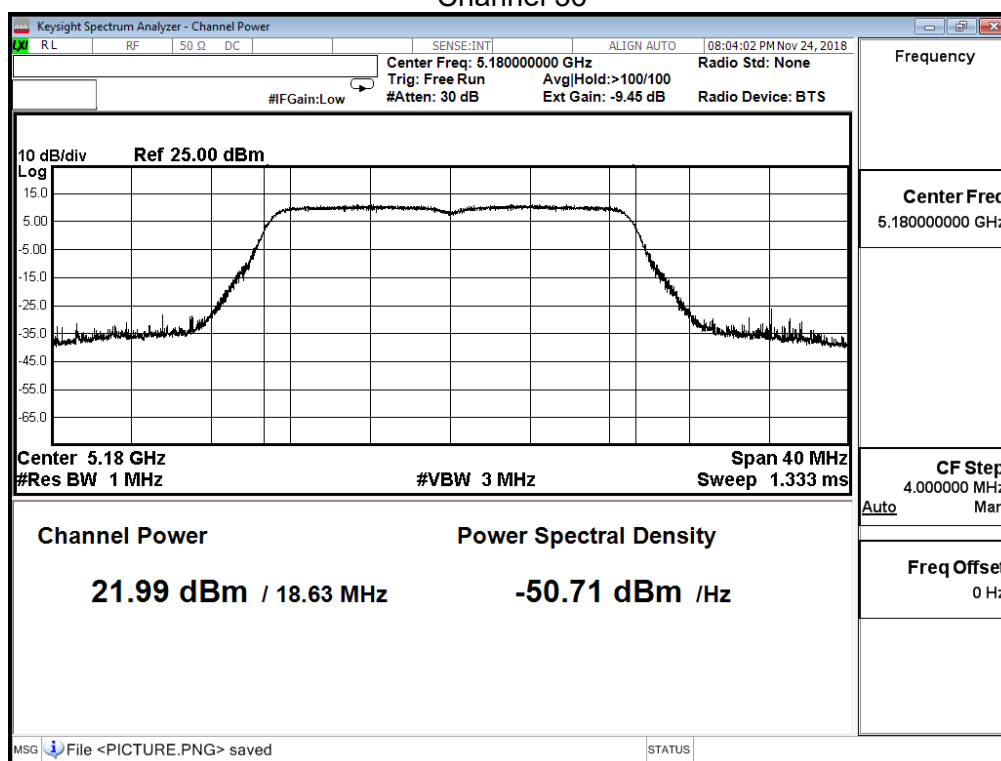
IEEE 802.11ac(20MHz)(ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	21.990	≤ 29.924
44	5220	21.870	≤ 29.924
48	5240	21.980	≤ 29.924

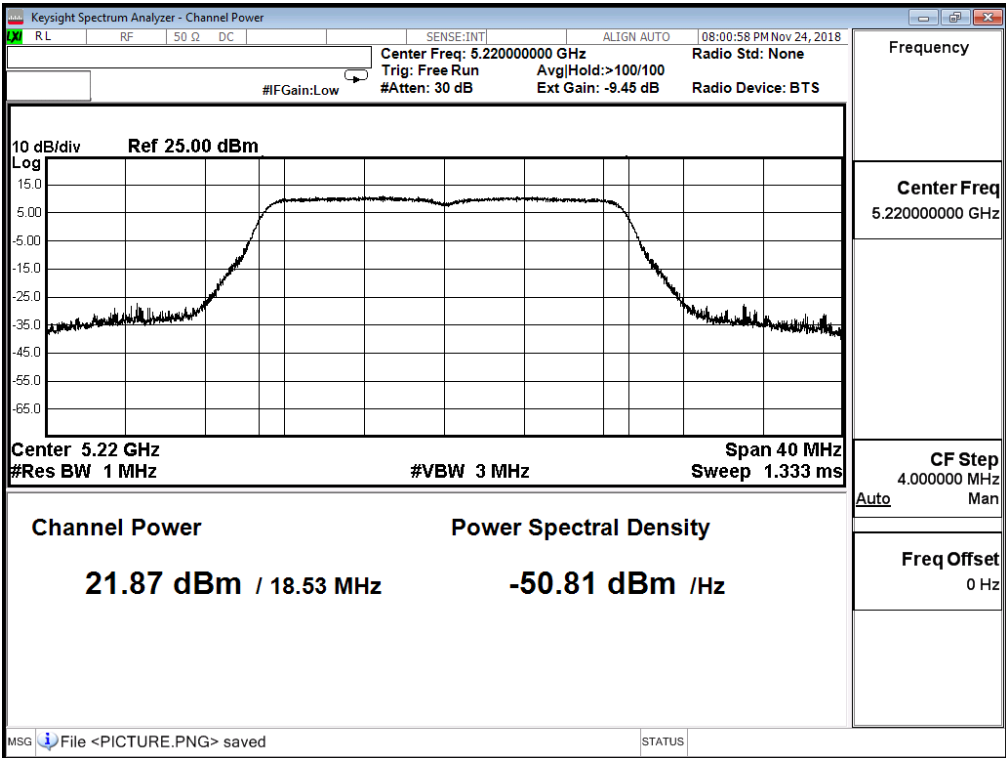
Directional gain=10log(ANT N)+Gain=4.77+1.306=6.076

Limit =30dBm-(6.076dBi-6dBi)=29.924dBm

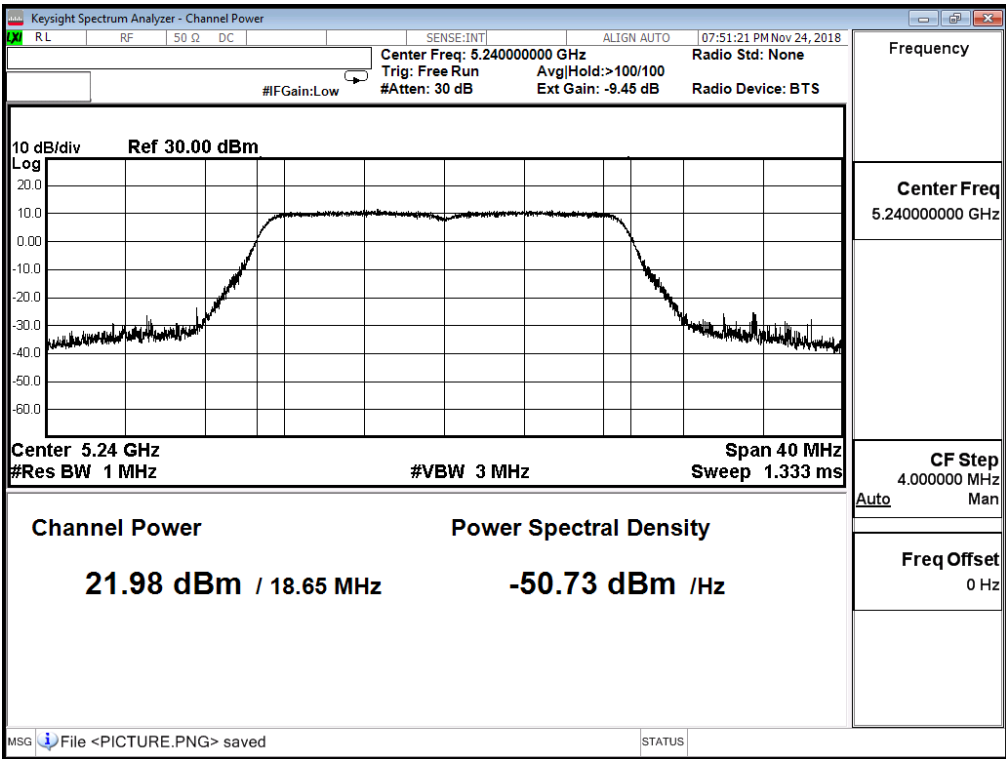
Channel 36



Channel 44



Channel 48



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/24	Test Site	SR10-H

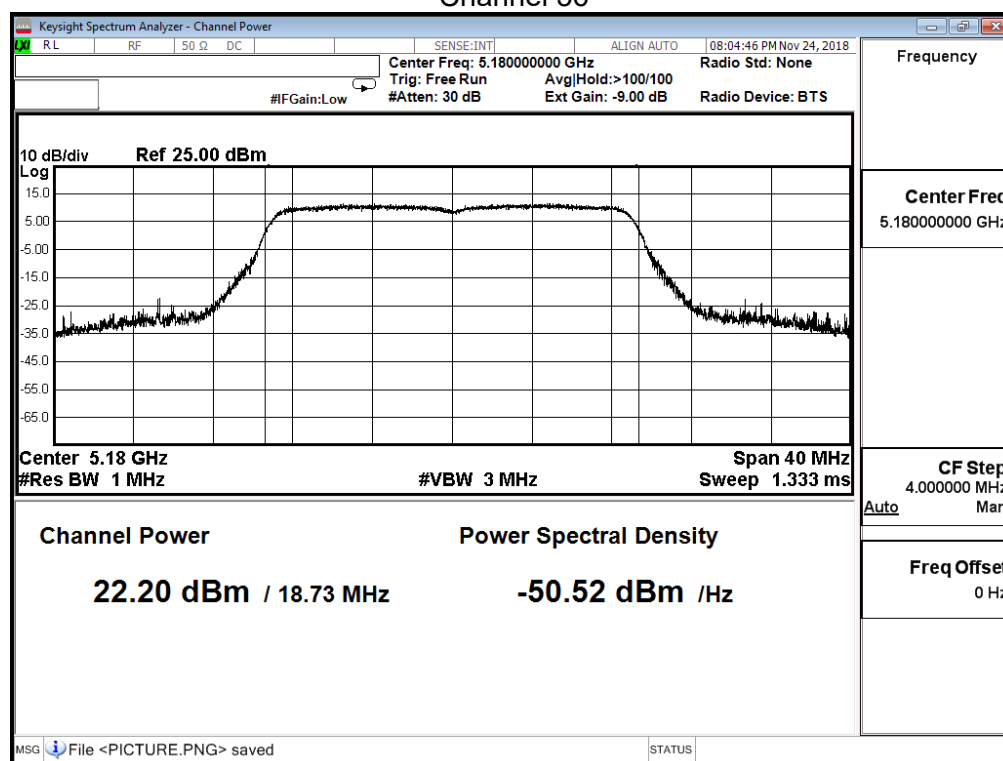
IEEE 802.11ac(20MHz)(ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	22.200	≤ 29.924
44	5220	22.220	≤ 29.924
48	5240	22.170	≤ 29.924

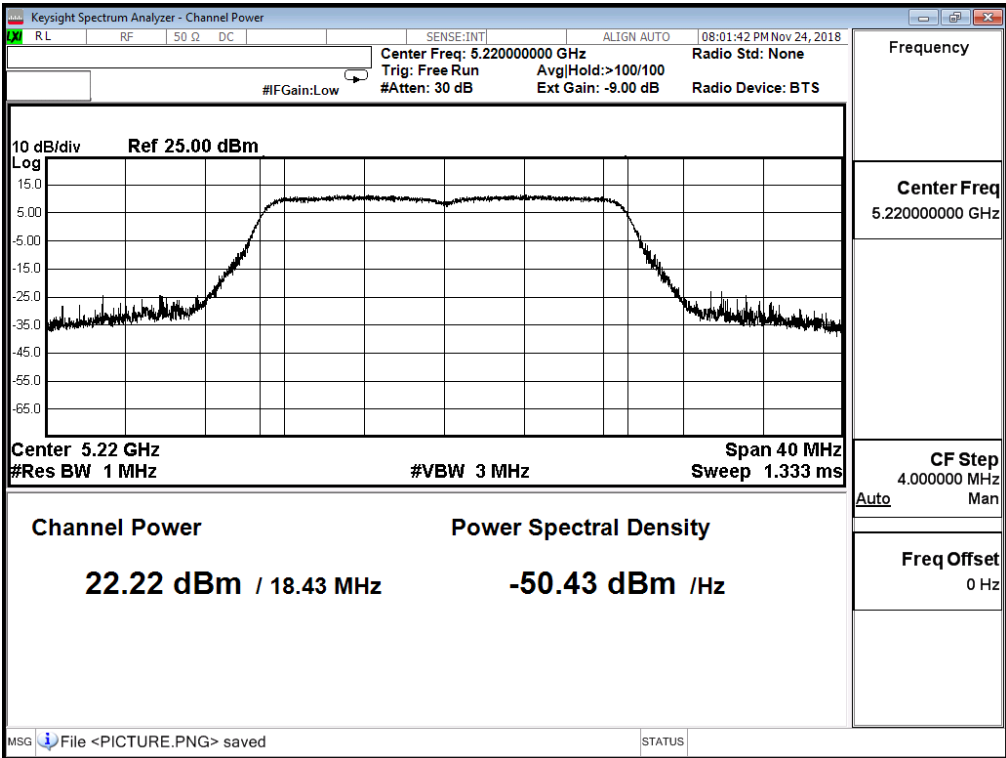
Directional gain=10log(ANT N)+Gain=4.77+1.306=6.076

Limit =30dBm-(6.076dBi-6dBi)=29.924dBm

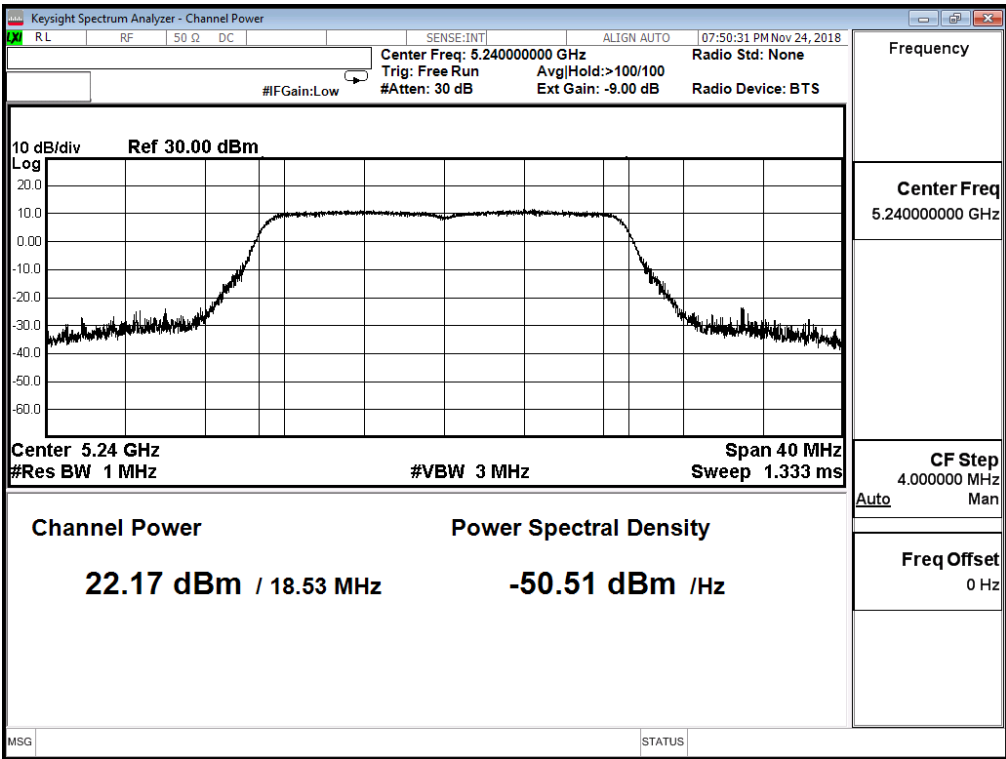
Channel 36



Channel 44



Channel 48



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/24	Test Site	SR10-H

IEEE 802.11ac(20MHz)(ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	27.819	≤ 29.924
44	5220	27.713	≤ 29.924
48	5240	27.806	≤ 29.924

Directional gain=10log(ANT N)+Gain=4.77+1.306=6.076

Limit =30dBm-(6.076dBi-6dBi)=29.924dBm

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/22	Test Site	SR10-H

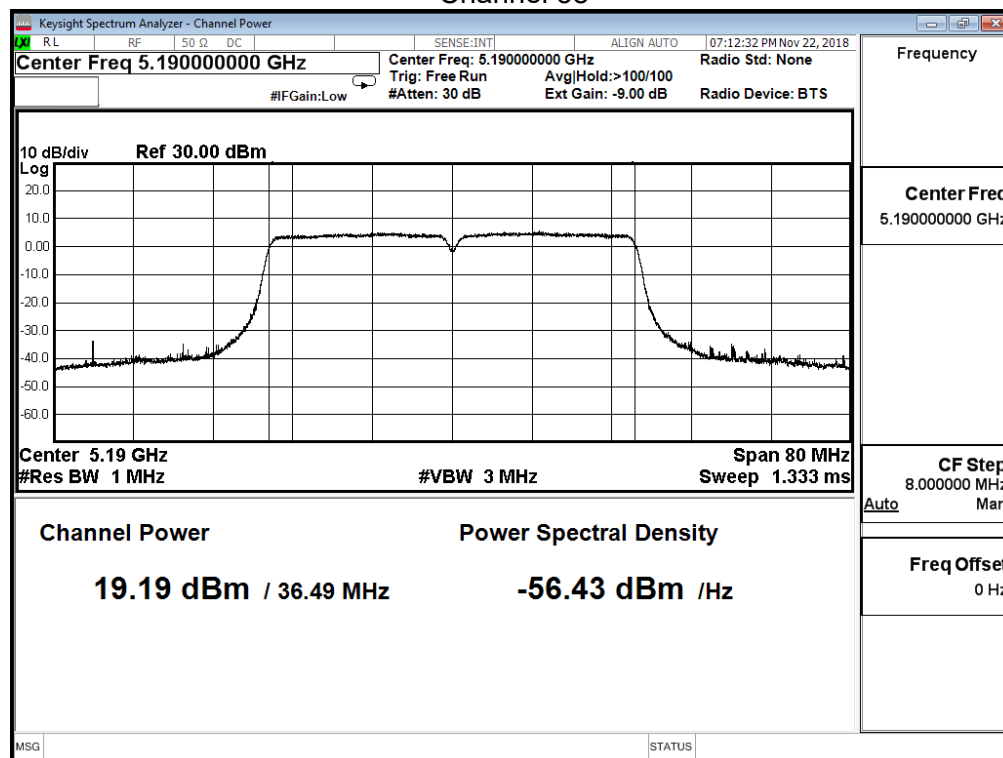
IEEE 802.11ac(40MHz)(ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
38	5190	19.190	≤ 29.924
46	5230	22.210	≤ 29.924

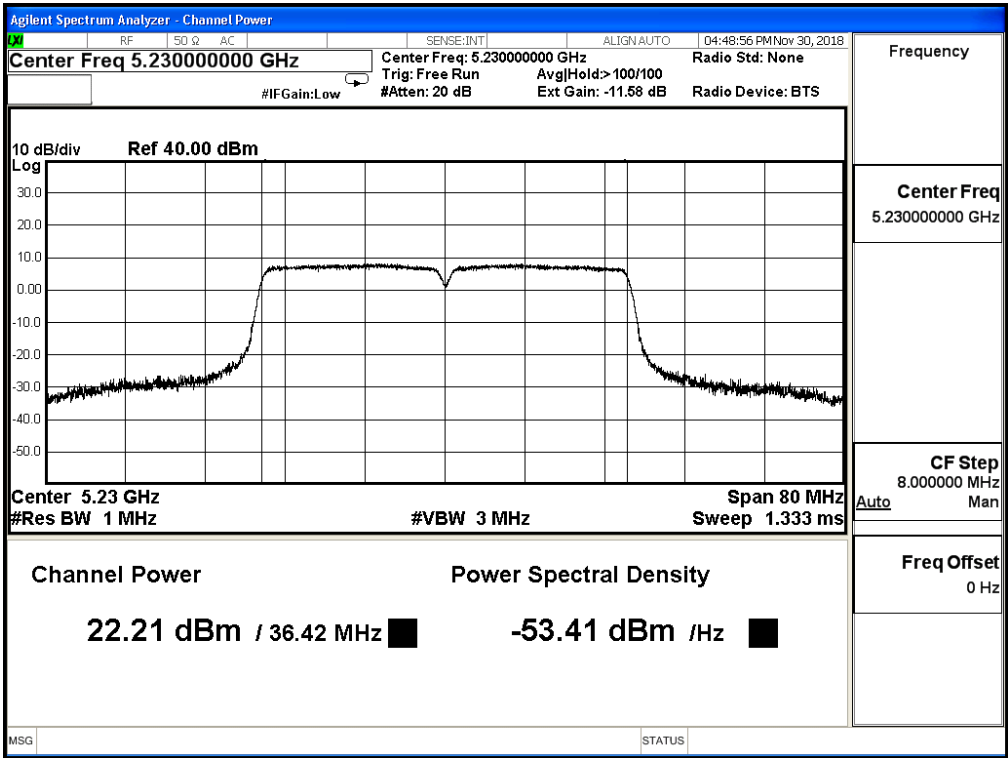
$$\text{Directional gain} = 10 \log(\text{ANT N}) + \text{Gain} = 4.77 + 1.306 = 6.076$$

$$\text{Limit} = 30 \text{ dBm} - (6.076 \text{ dBi} - 6 \text{ dBi}) = 29.924 \text{ dBm}$$

Channel 38



Channel 46



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/22	Test Site	SR10-H

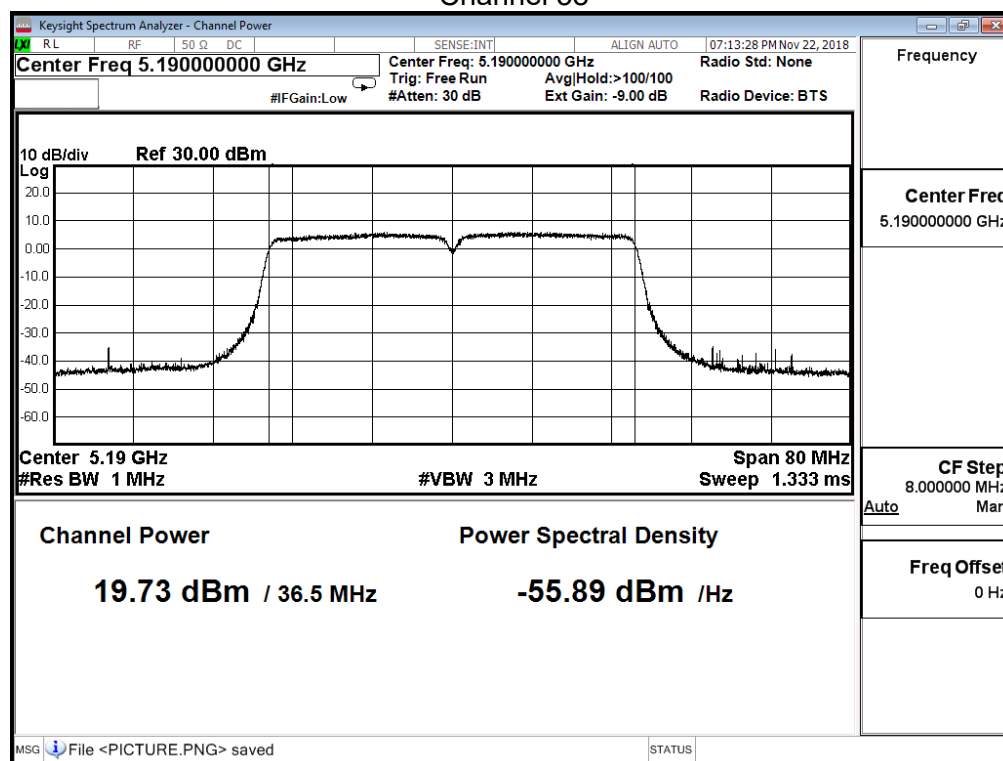
IEEE 802.11ac(40MHz)(ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
38	5190	19.730	≤ 29.924
46	5230	22.730	≤ 29.924

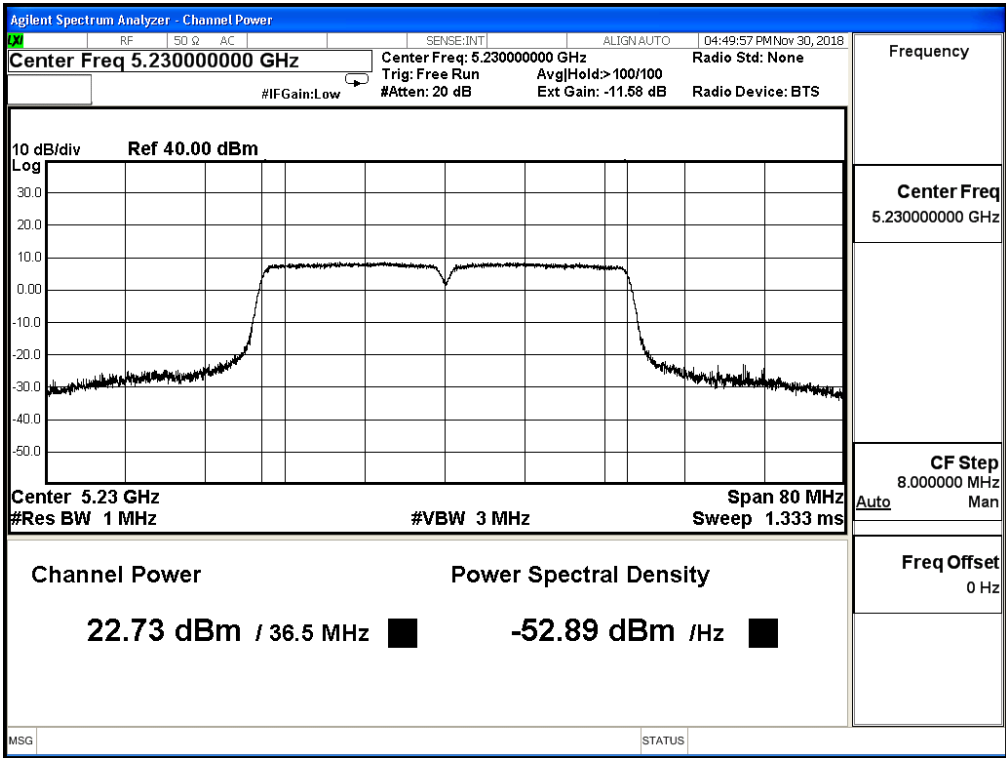
Directional gain=10log(ANT N)+Gain=4.77+1.306=6.076

Limit =30dBm-(6.076dBi-6dBi)=29.924dBm

Channel 38



Channel 46



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/22	Test Site	SR10-H

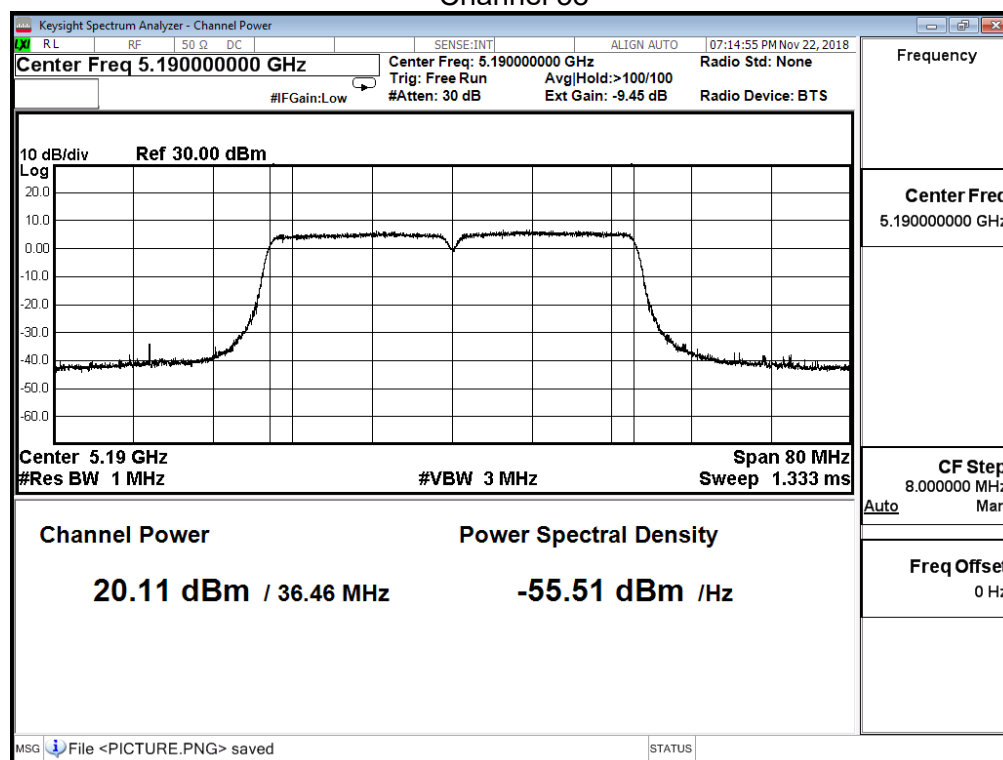
IEEE 802.11ac(40MHz)(ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
38	5190	20.110	≤ 29.924
46	5230	22.880	≤ 29.924

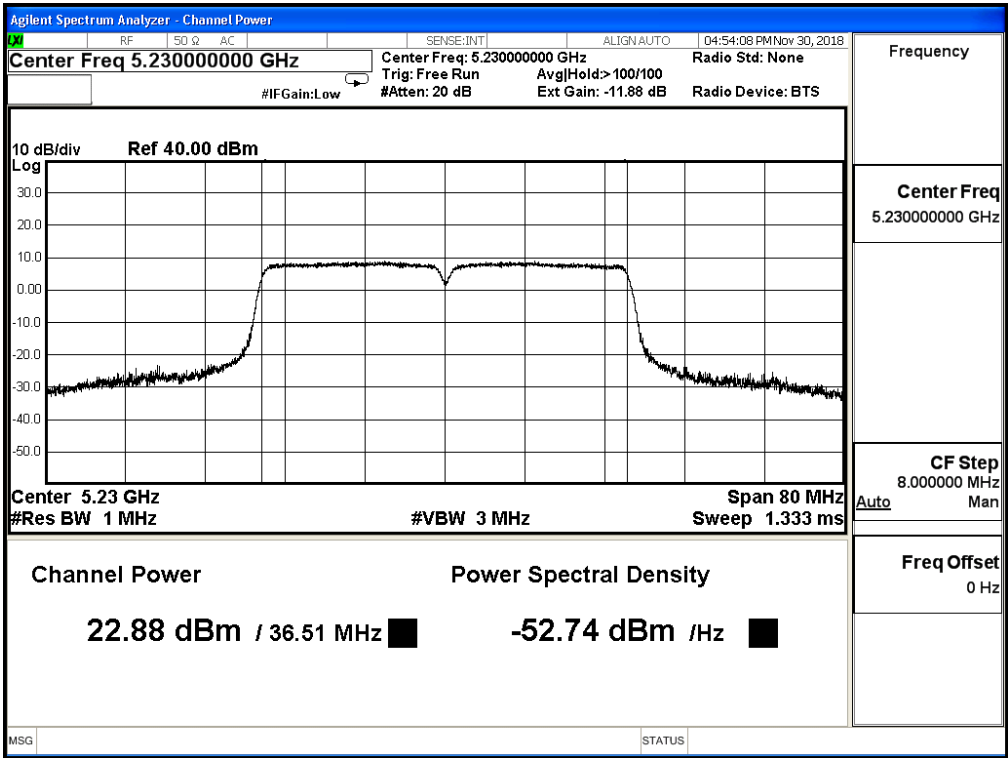
Directional gain=10log(ANT N)+Gain=4.77+1.306=6.076

Limit =30dBm-(6.076dBi-6dBi)=29.924dBm

Channel 38



Channel 46



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/22	Test Site	SR10-H

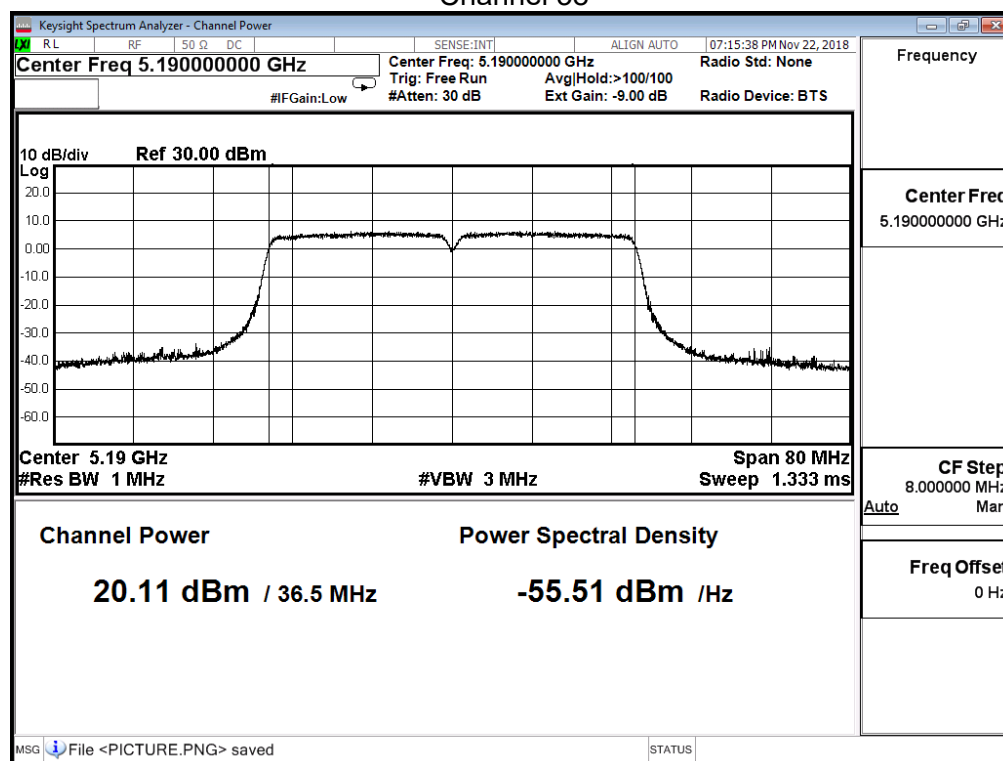
IEEE 802.11ac(40MHz)(ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
38	5190	20.110	≤ 29.924
46	5230	22.950	≤ 29.924

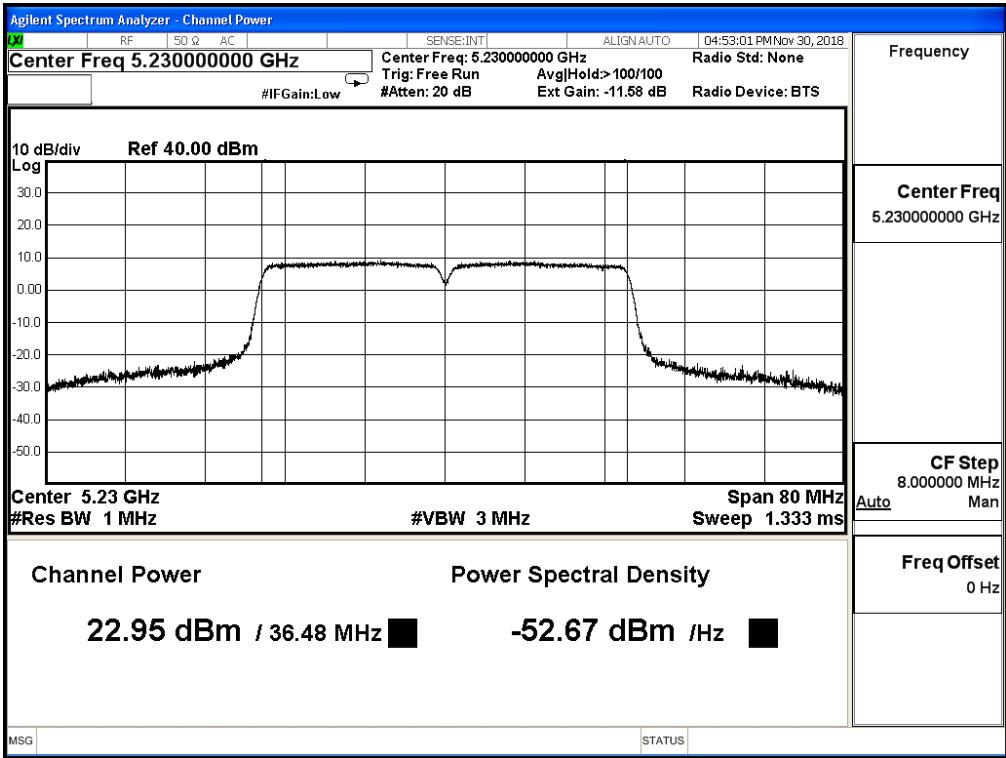
Directional gain=10log(ANT N)+Gain=4.77+1.306=6.076

Limit =30dBm-(6.076dBi-6dBi)=29.924dBm

Channel 38



Channel 46



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/22	Test Site	SR10-H

IEEE 802.11ac(40MHz)(ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
38	5190	25.822	≤ 29.924
46	5230	28.723	≤ 29.924

Directional gain=10log(ANT N)+Gain=4.77+1.306=6.076

Limit =30dBm-(6.076dBi-6dBi)=29.924dBm

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/22	Test Site	SR10-H

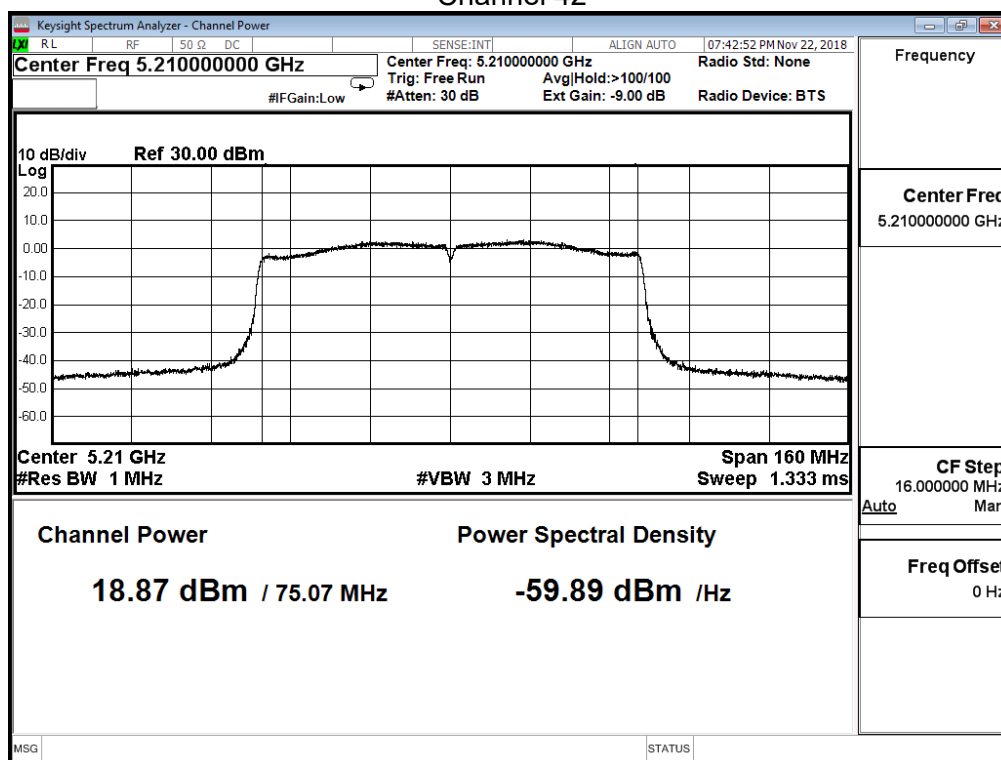
IEEE 802.11ac(80MHz) (ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
42	5210	18.870	≤ 29.924

Directional gain=10log(ANT N)+Gain=4.77+1.306=6.076

Limit =30dBm-(6.076dBi-6dBi)=29.924dBm

Channel 42



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/22	Test Site	SR10-H

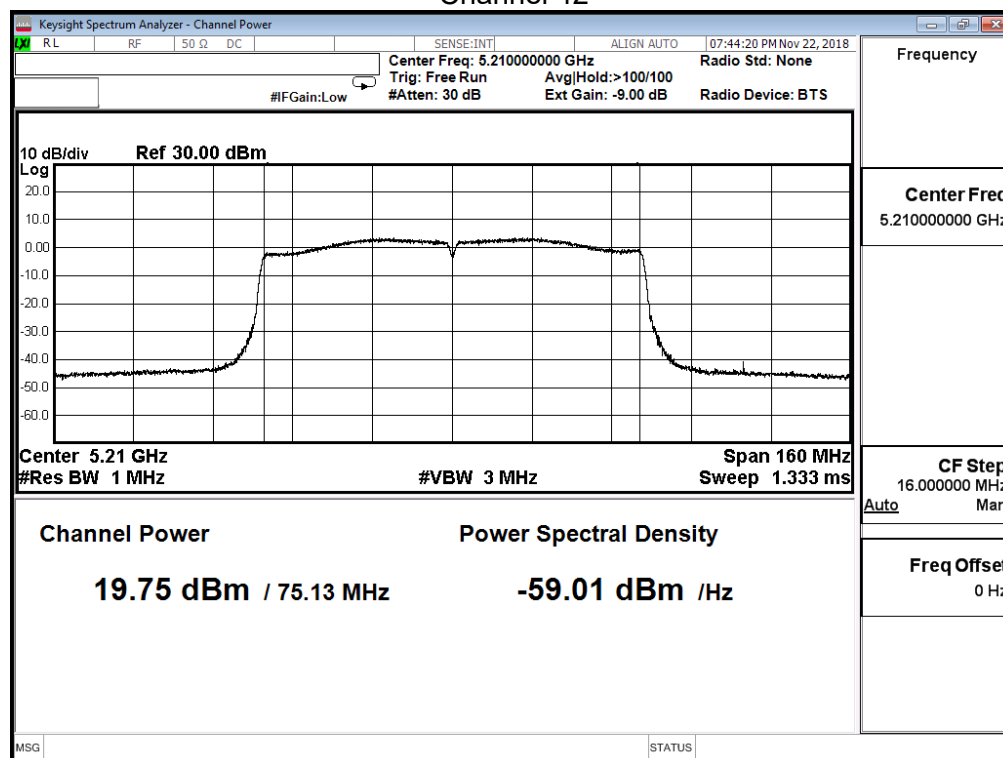
IEEE 802.11ac(80MHz) (ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
42	5210	19.750	≤ 29.924

Directional gain= $10\log(\text{ANT N}) + \text{Gain} = 4.77 + 1.306 = 6.076$

Limit = $30\text{dBm} - (6.076\text{dBi} - 6\text{dBi}) = 29.924\text{dBm}$

Channel 42



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/22	Test Site	SR10-H

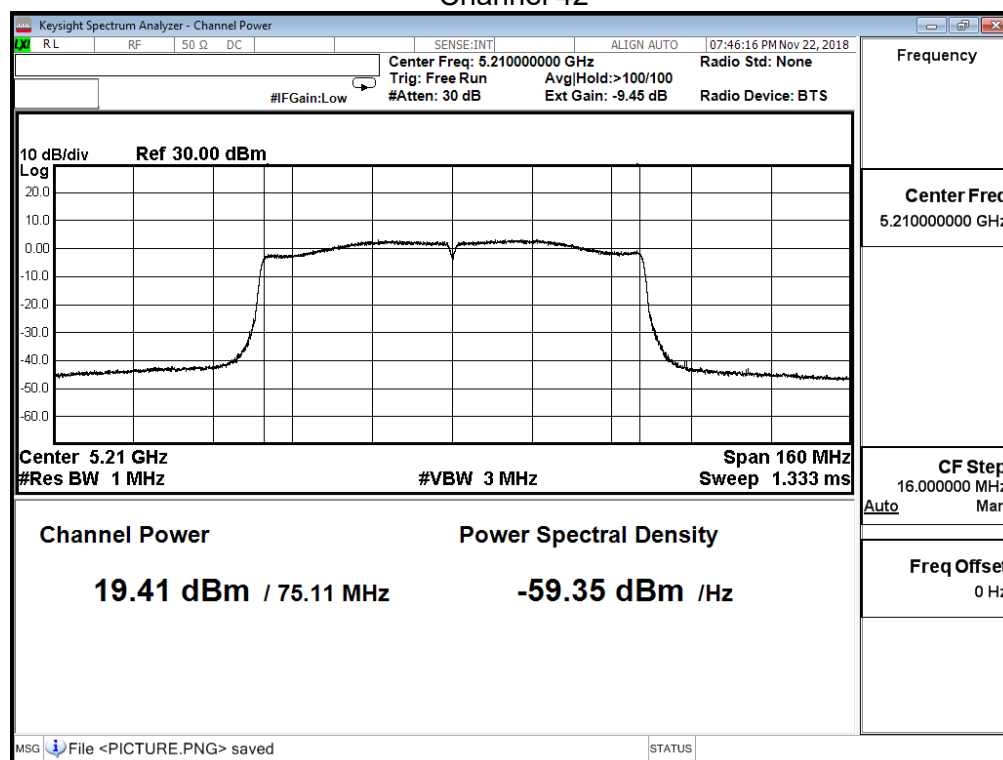
IEEE 802.11ac(80MHz) (ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
42	5210	19.410	≤ 29.924

Directional gain=10log(ANT N)+Gain=4.77+1.306=6.076

Limit =30dBm-(6.076dBi-6dBi)=29.924dBm

Channel 42



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/22	Test Site	SR10-H

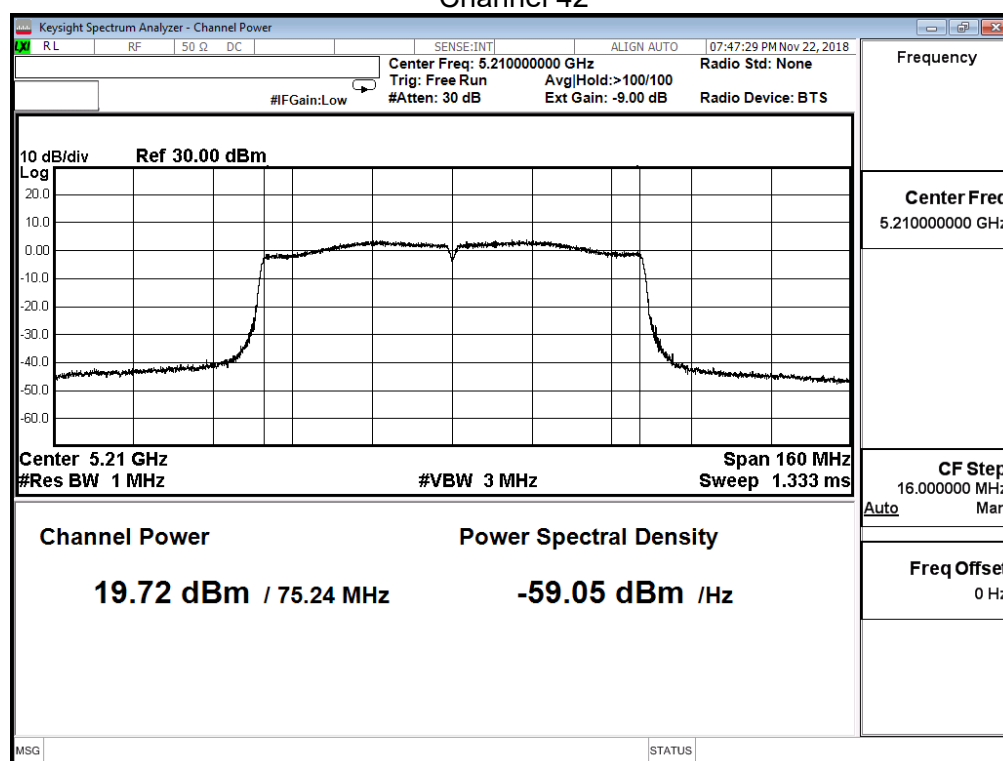
IEEE 802.11ac(80MHz) (ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
42	5210	19.720	≤ 29.924

Directional gain= $10\log(\text{ANT N}) + \text{Gain} = 4.77 + 1.306 = 6.076$

Limit = $30\text{dBm} - (6.076\text{dBi} - 6\text{dBi}) = 29.924\text{dBm}$

Channel 42



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/22	Test Site	SR10-H

IEEE 802.11ac(80MHz)(ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
42	5210	25.472	≤ 29.924

Directional gain=10log(ANT N)+Gain=4.77+1.306=6.076

Limit =30dBm-(6.076dBi-6dBi)=29.924dBm

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/24	Test Site	SR10-H

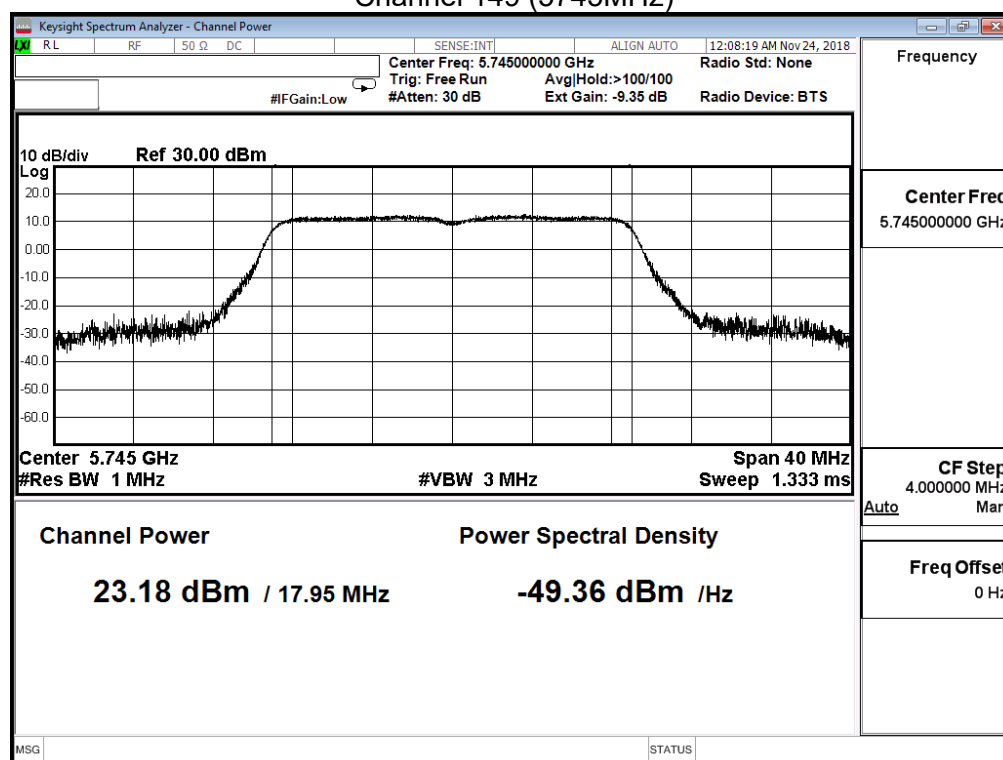
IEEE 802.11ac(20MHz)(ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	23.180	≤ 29.663
157	5785	22.780	≤ 29.663
165	5825	23.110	≤ 29.663

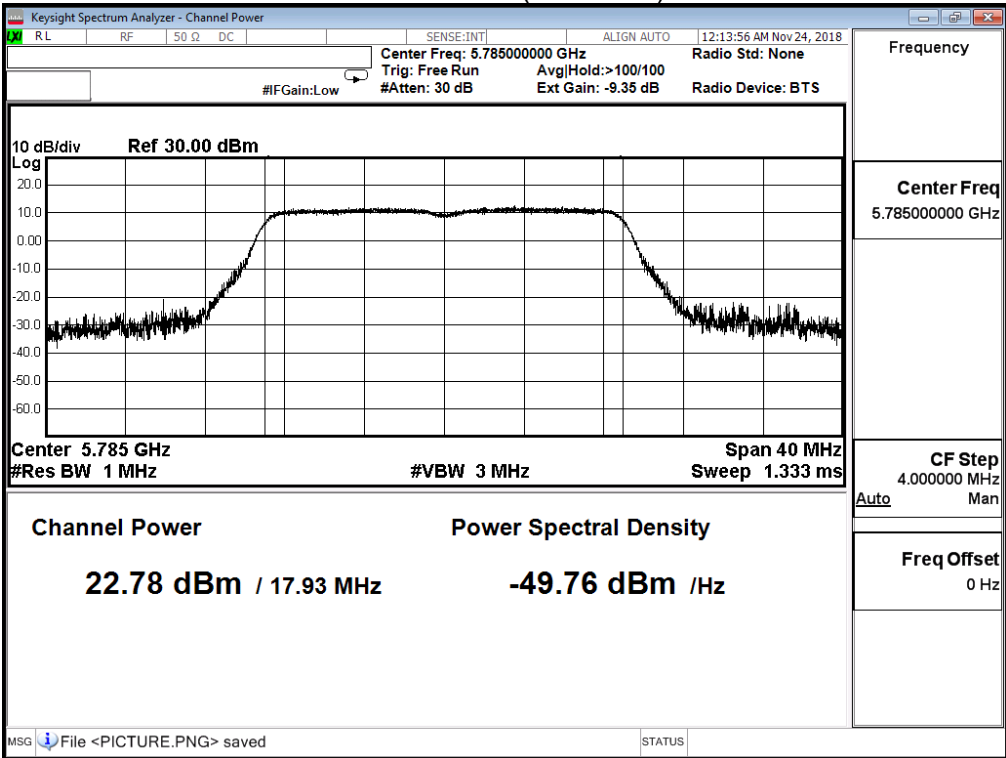
$$\text{Directional gain} = 10\log(\text{ANT N}) + \text{Gain} = 4.77 + 1.567 = 6.337$$

$$\text{Limit} = 30\text{dBm} - (6.337\text{dBi} - 6\text{dBi}) = 29.663\text{dBm}$$

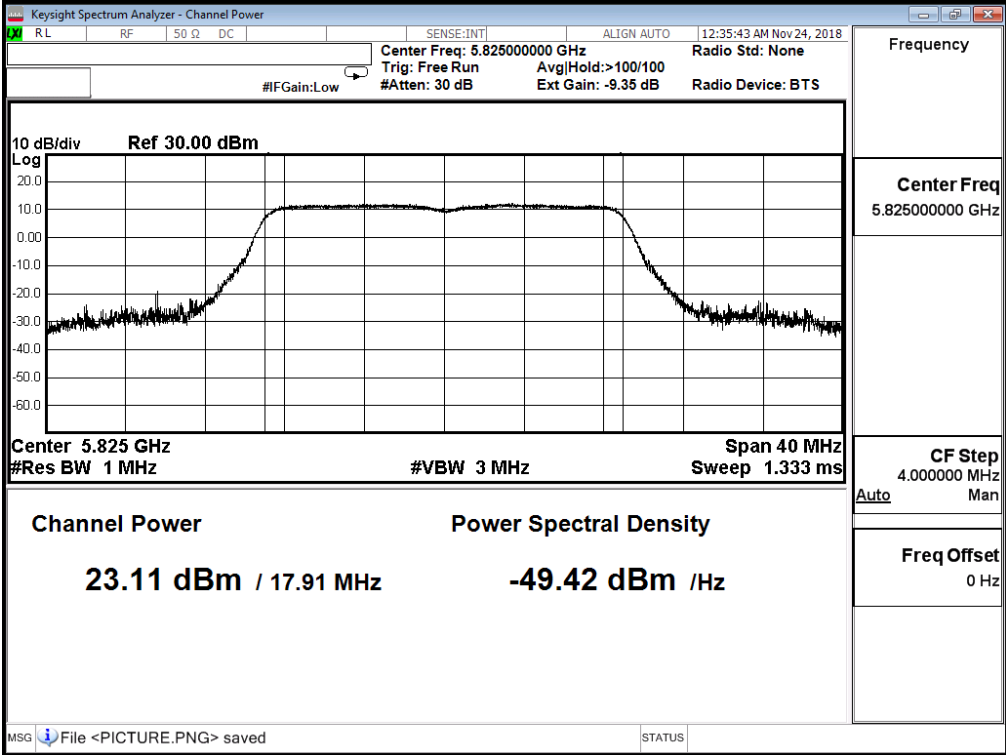
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/24	Test Site	SR10-H

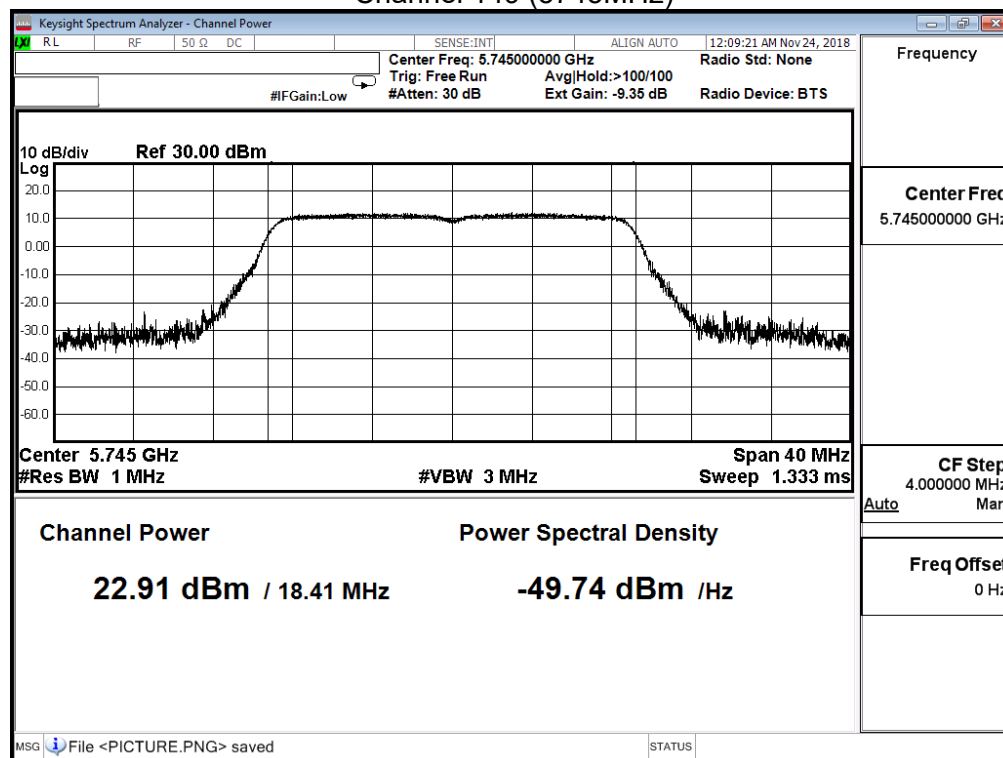
IEEE 802.11ac(20MHz)(ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	22.910	≤ 29.663
157	5785	22.960	≤ 29.663
165	5825	22.970	≤ 29.663

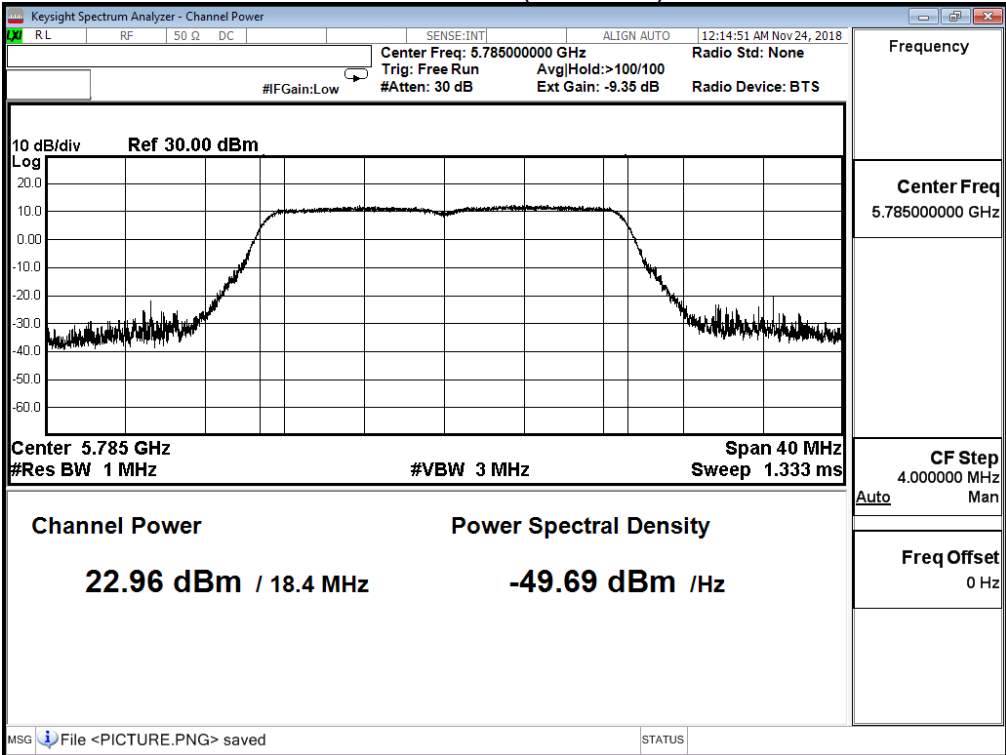
$$\text{Directional gain} = 10 \log(\text{ANT N}) + \text{Gain} = 4.77 + 1.567 = 6.337$$

$$\text{Limit} = 30 \text{ dBm} - (6.337 \text{ dBi} - 6 \text{ dBi}) = 29.663 \text{ dBm}$$

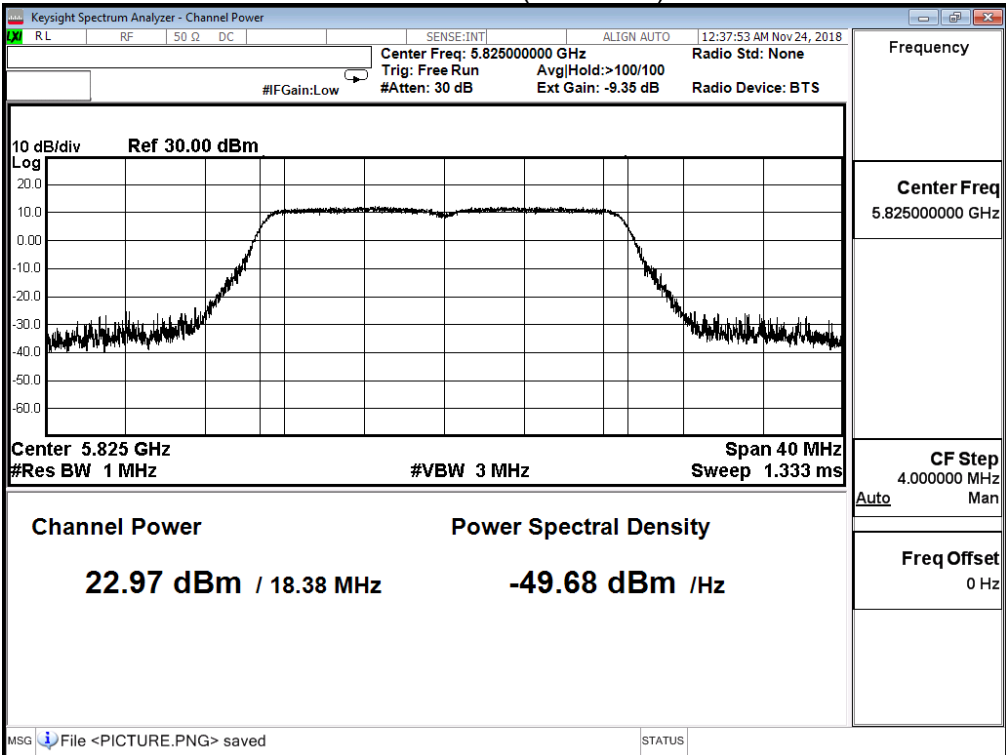
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/24	Test Site	SR10-H

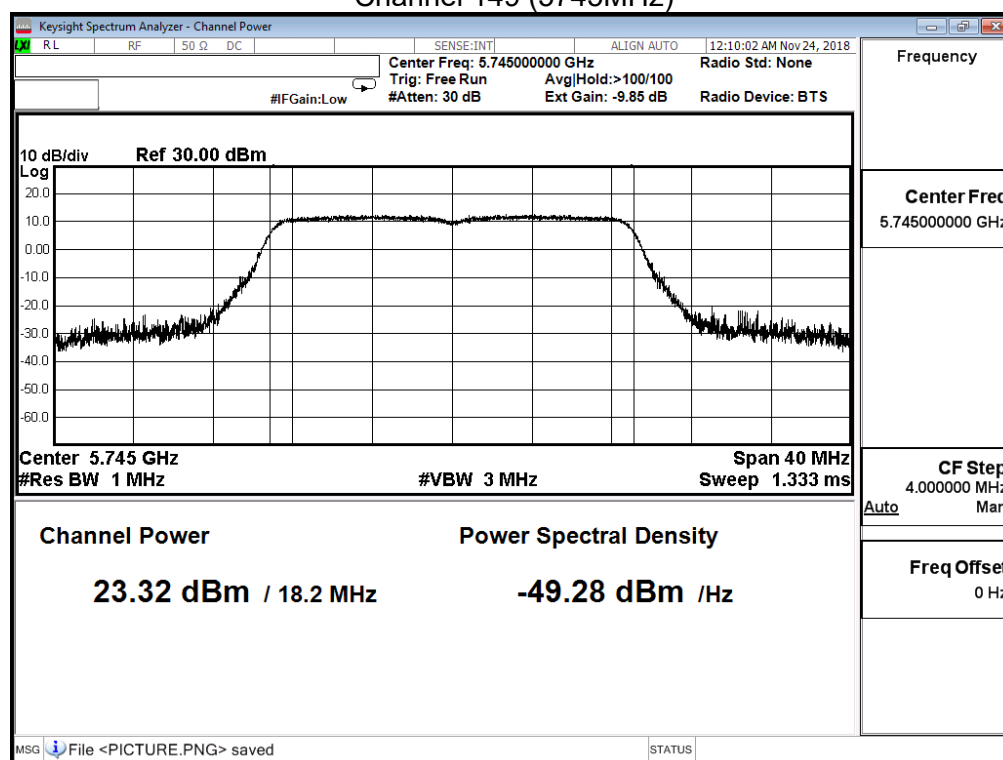
IEEE 802.11ac(20MHz)(ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	23.320	≤ 29.663
157	5785	23.260	≤ 29.663
165	5825	23.200	≤ 29.663

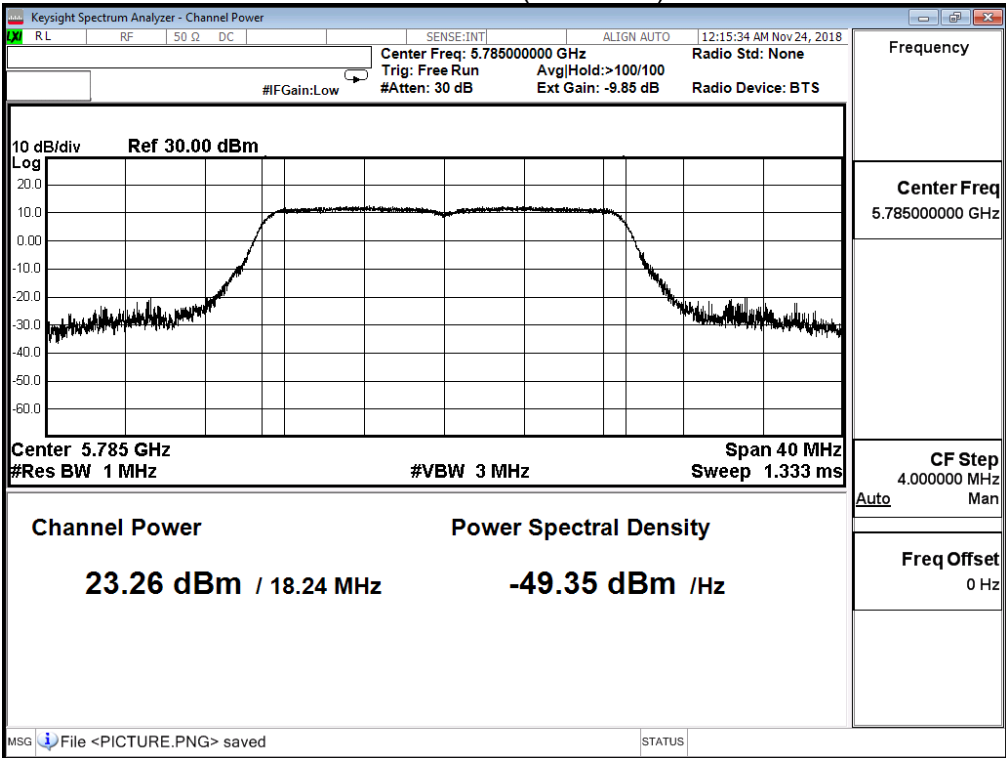
Directional gain=10log(ANT N)+Gain=4.77+1.567=6.337

Limit =30dBm-(6.337dBi-6dBi)=29.663dBm

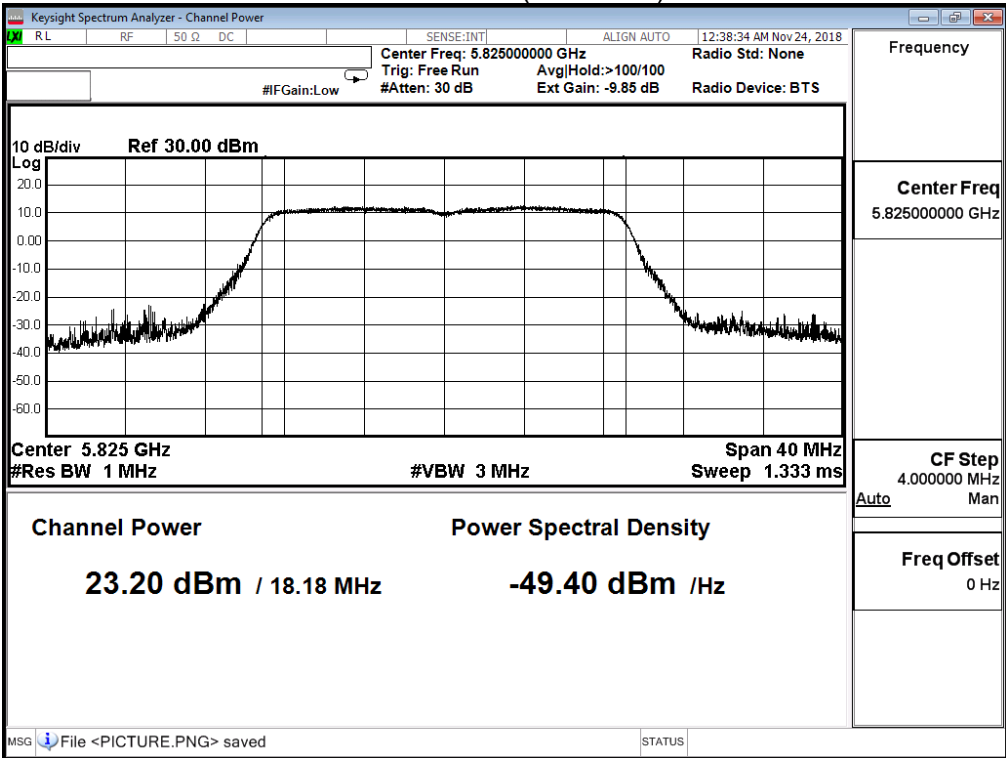
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/24	Test Site	SR10-H

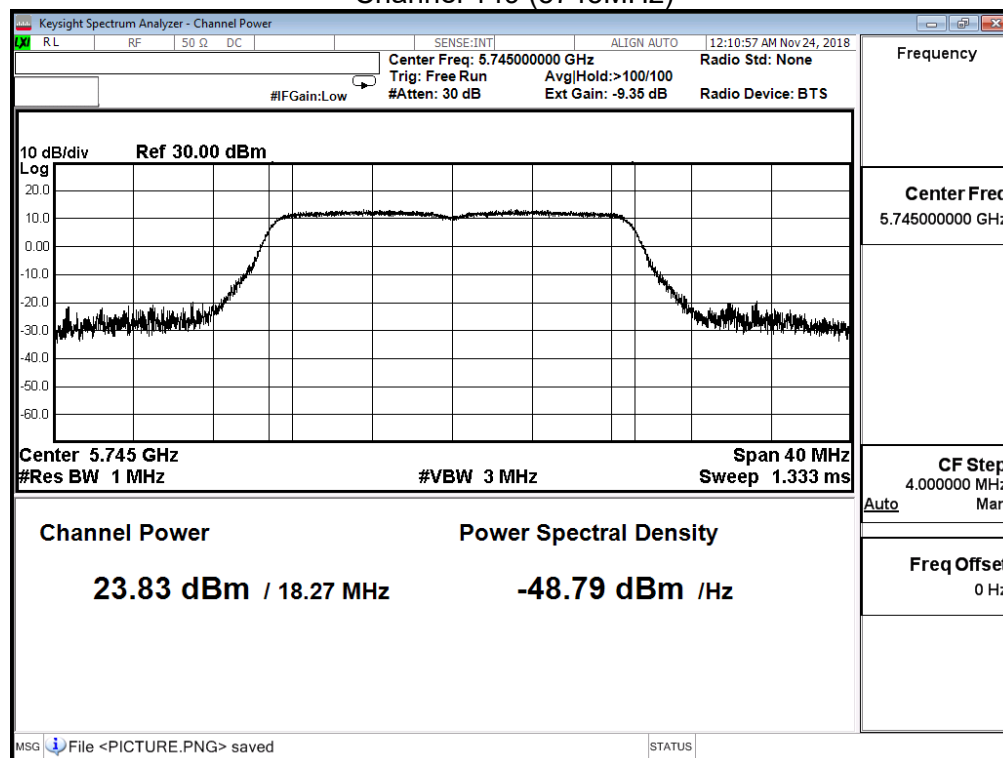
IEEE 802.11ac(20MHz)(ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	23.830	≤ 29.663
157	5785	23.860	≤ 29.663
165	5825	23.690	≤ 29.663

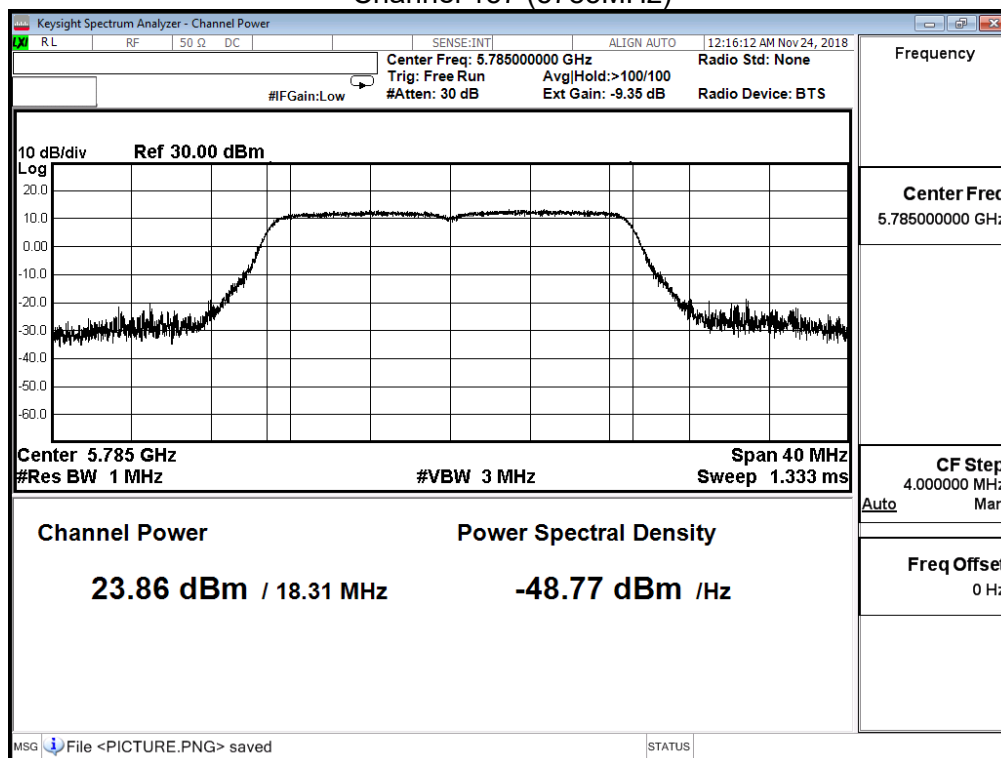
$$\text{Directional gain} = 10 \log(\text{ANT N}) + \text{Gain} = 4.77 + 1.567 = 6.337$$

$$\text{Limit} = 30 \text{ dBm} - (6.337 \text{ dBi} - 6 \text{ dBi}) = 29.663 \text{ dBm}$$

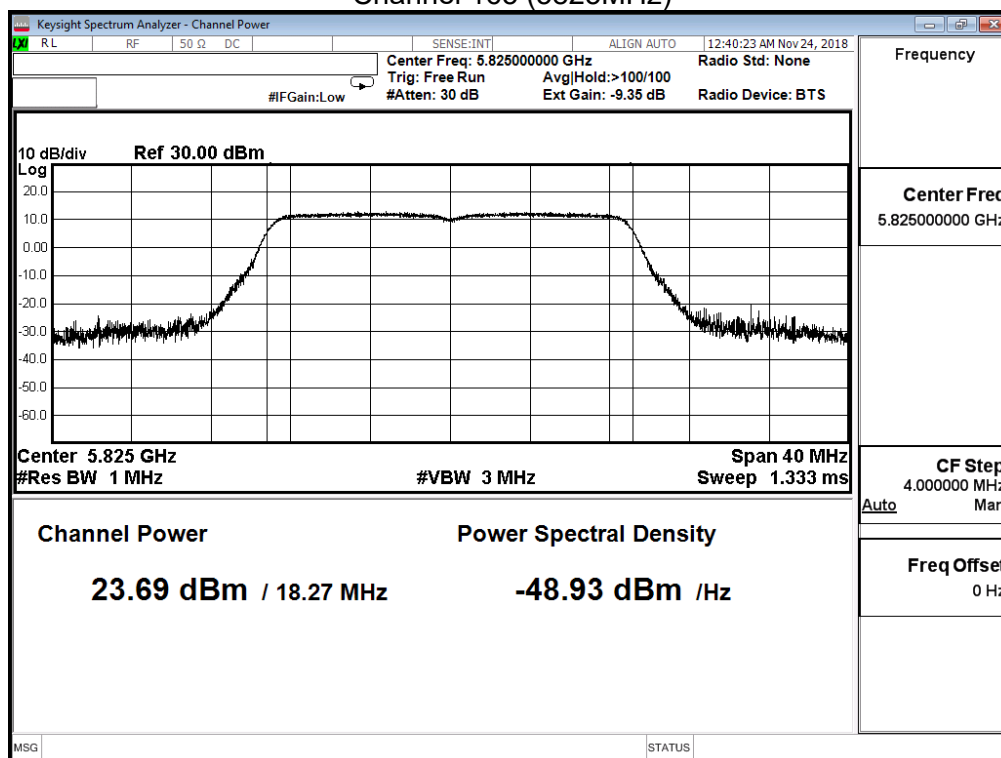
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/24	Test Site	SR10-H

IEEE 802.11ac(20MHz)(ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	29.344	≤ 29.663
157	5785	29.255	≤ 29.663
165	5825	29.272	≤ 29.663

Directional gain=10log(ANT N)+Gain=4.77+1.567=6.337

Limit =30dBm-(6.337dBi-6dBi)=29.663dBm

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/24	Test Site	SR10-H

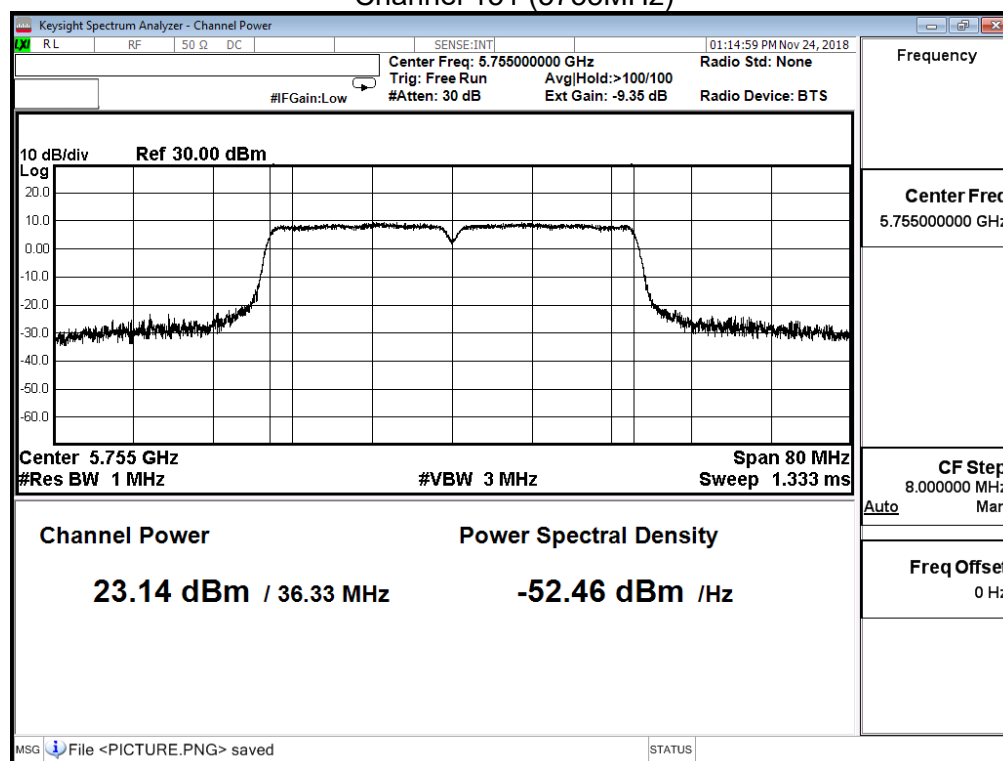
IEEE802.11ac(40MHz)(ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	23.140	≤ 29.663
159	5795	22.770	≤ 29.663

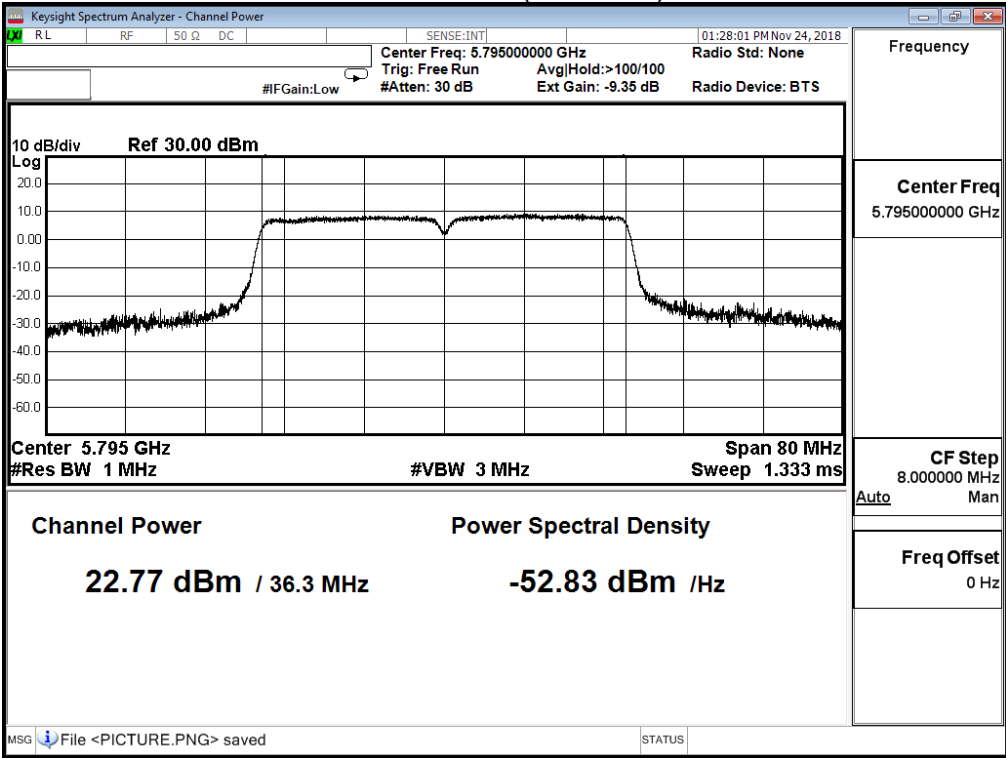
Directional gain=10log(ANT N)+Gain=4.77+1.567=6.337

Limit =30dBm-(6.337dBi-6dBi)=29.663dBm

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/24	Test Site	SR10-H

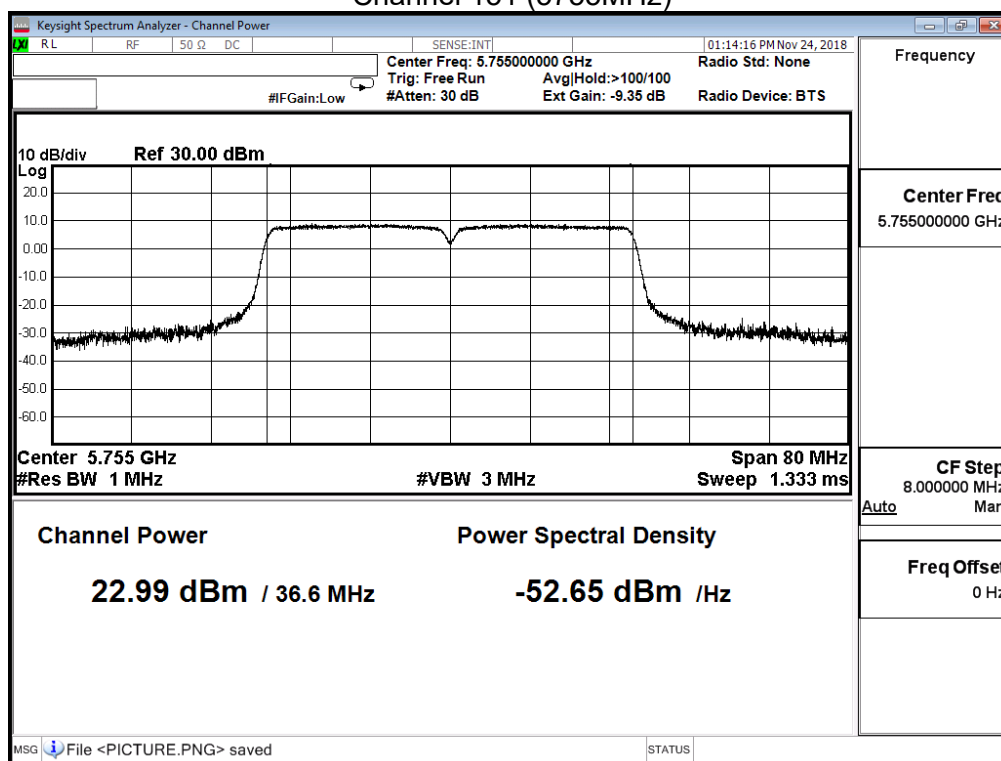
IEEE802.11ac(40MHz)(ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	22.990	≤ 29.663
159	5795	23.020	≤ 29.663

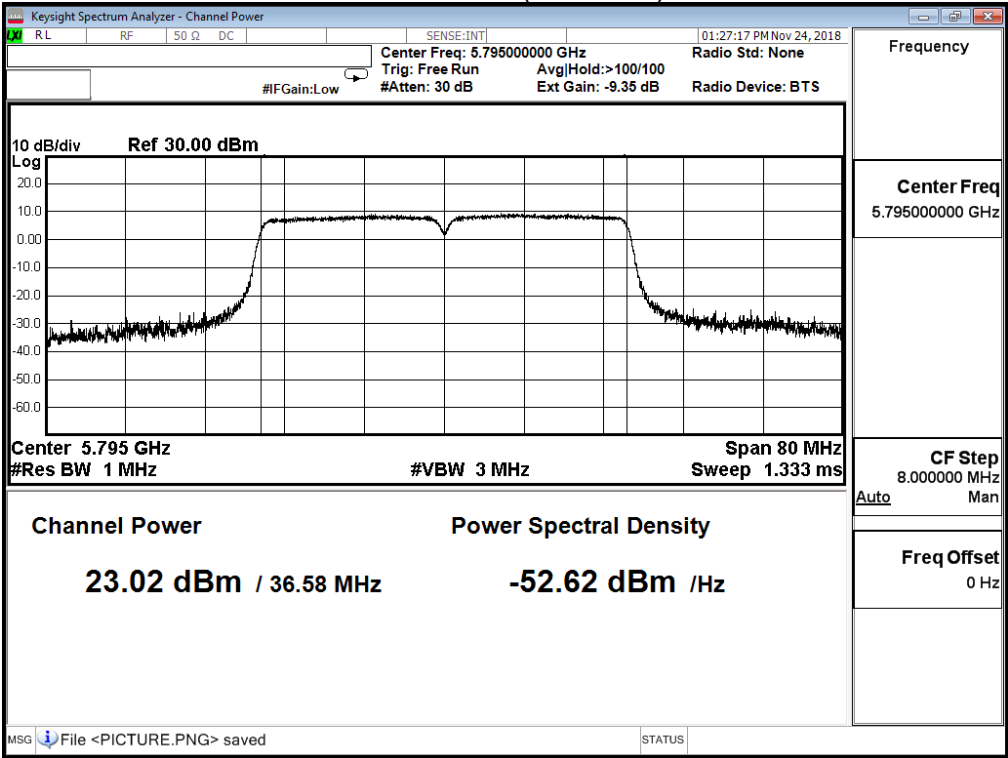
Directional gain=10log(ANT N)+Gain=4.77+1.567=6.337

Limit =30dBm-(6.337dBi-6dBi)=29.663dBm

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/24	Test Site	SR10-H

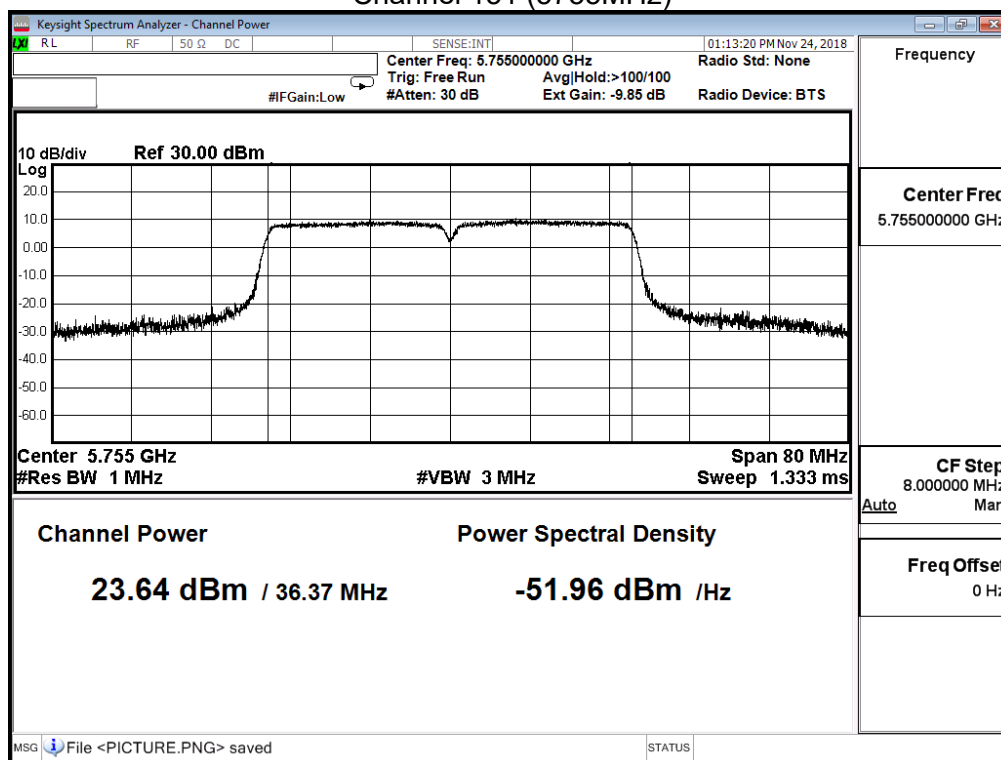
IEEE802.11ac(40MHz)(ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	23.640	≤ 29.663
159	5795	23.200	≤ 29.663

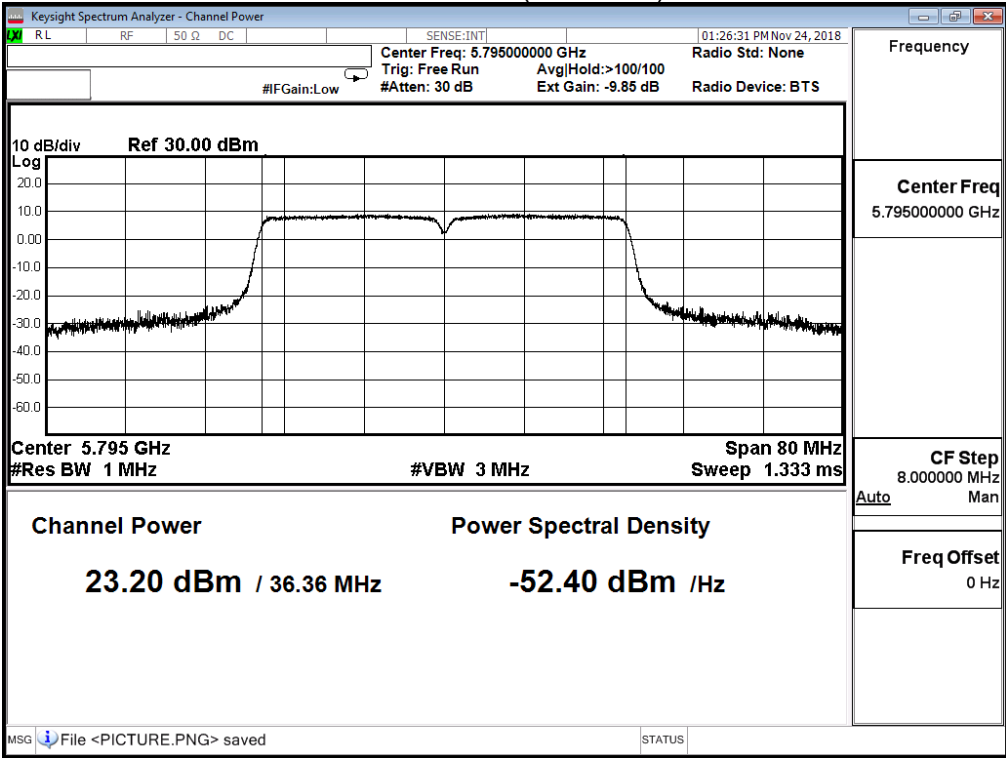
Directional gain= $10\log(\text{ANT N}) + \text{Gain} = 4.77 + 1.567 = 6.337$

Limit = $30\text{dBm} - (6.337\text{dBi} - 6\text{dBi}) = 29.663\text{dBm}$

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/24	Test Site	SR10-H

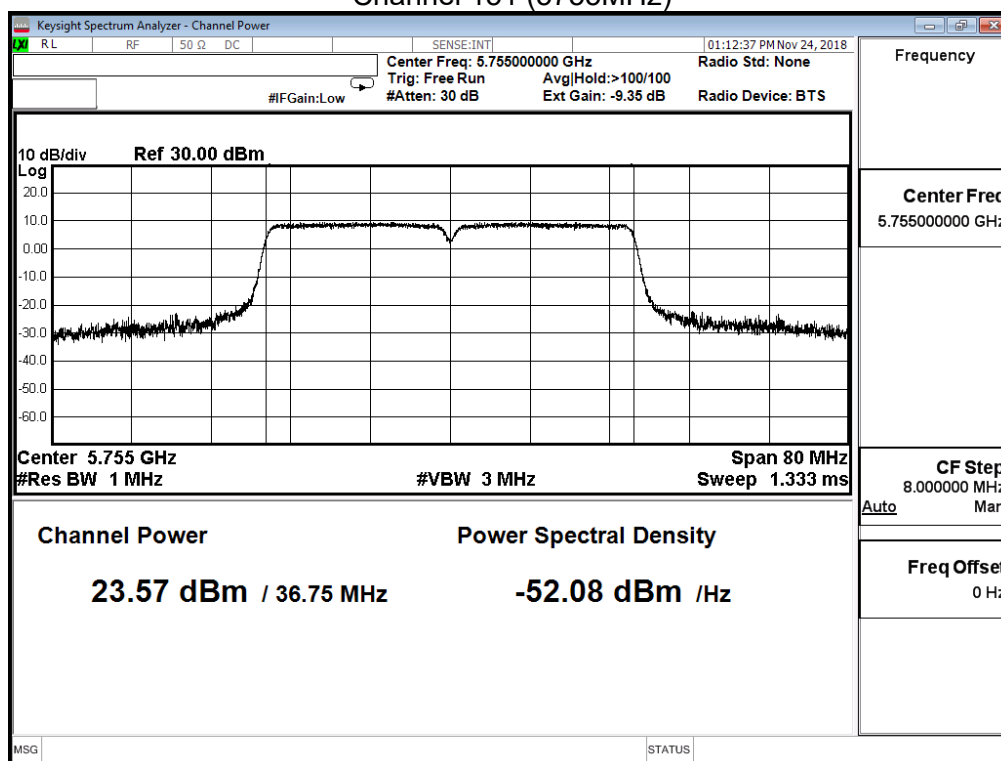
IEEE802.11ac(40MHz)(ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	23.570	≤ 29.663
159	5795	23.720	≤ 29.663

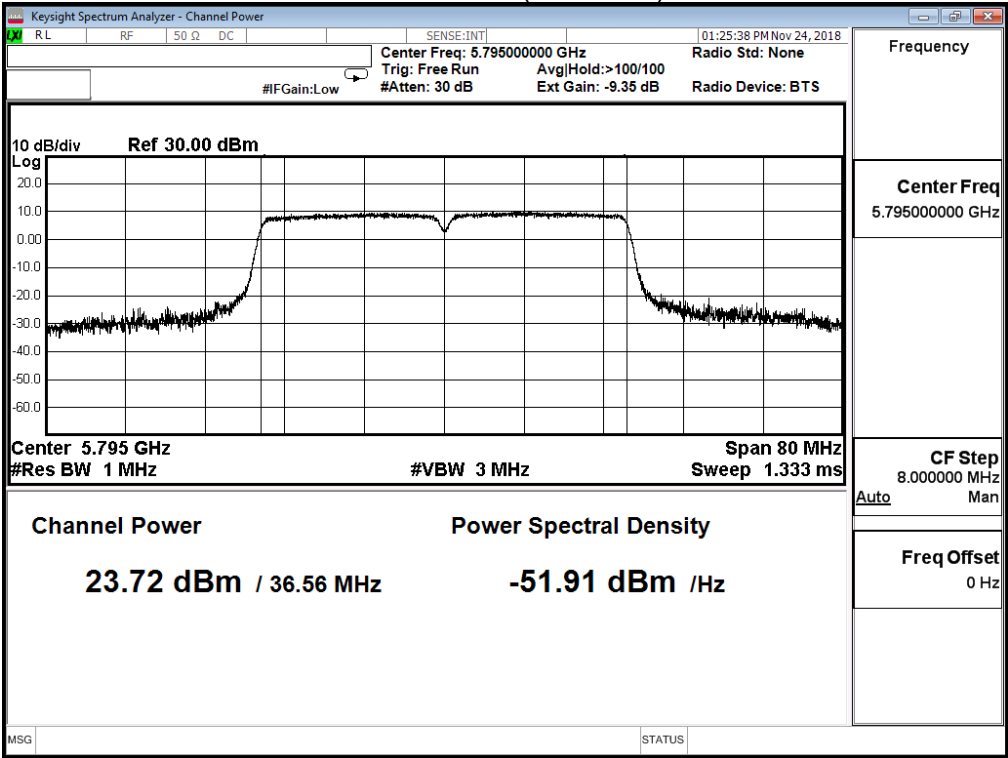
Directional gain=10log(ANT N)+Gain=4.77+1.567=6.337

Limit =30dBm-(6.337dBi-6dBi)=29.663dBm

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/24	Test Site	SR10-H

IEEE802.11ac(40MHz)(ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	29.364	≤ 29.663
159	5795	29.212	≤ 29.663

Directional gain=10log(ANT N)+Gain=4.77+1.567=6.337

Limit =30dBm-(6.337dBi-6dBi)=29.663dBm

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/22	Test Site	SR10-H

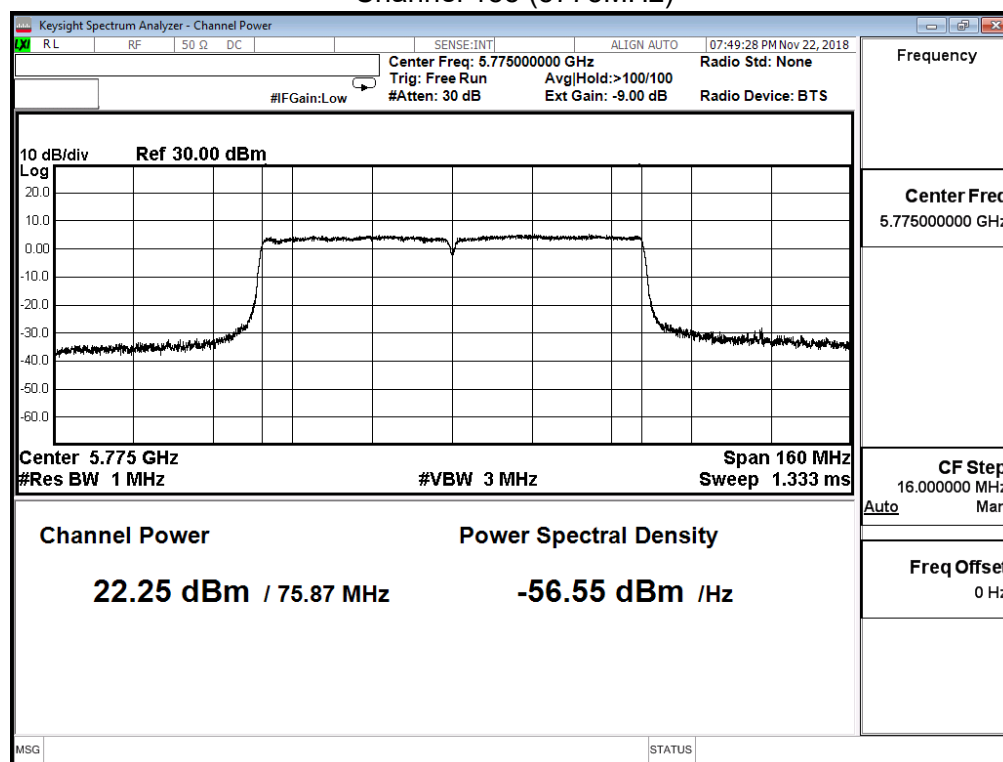
IEEE802.11ac(80MHz)(ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	22.250	≤ 29.663

Directional gain=10log(ANT N)+Gain=4.77+1.567=6.337

Limit =30dBm-(6.337dBi-6dBi)=29.663dBm

Channel 155 (5775MHz)



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/22	Test Site	SR10-H

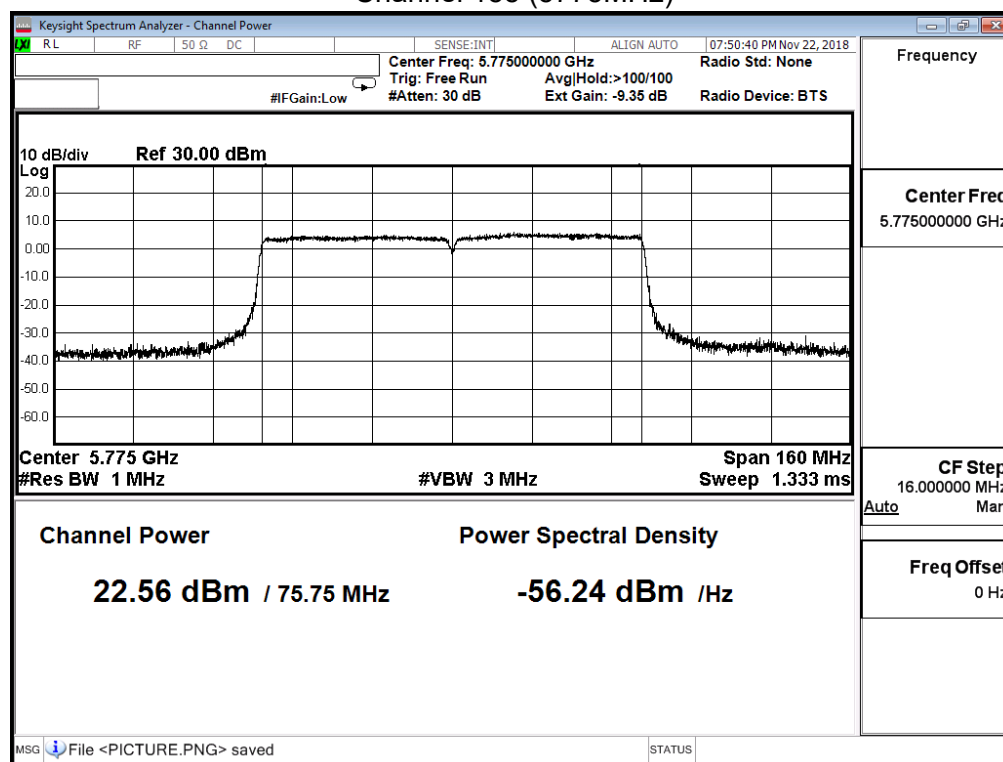
IEEE802.11ac(80MHz)(ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	22.560	≤ 29.663

Directional gain=10log(ANT N)+Gain=4.77+1.567=6.337

Limit =30dBm-(6.337dBi-6dBi)=29.663dBm

Channel 155 (5775MHz)



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/22	Test Site	SR10-H

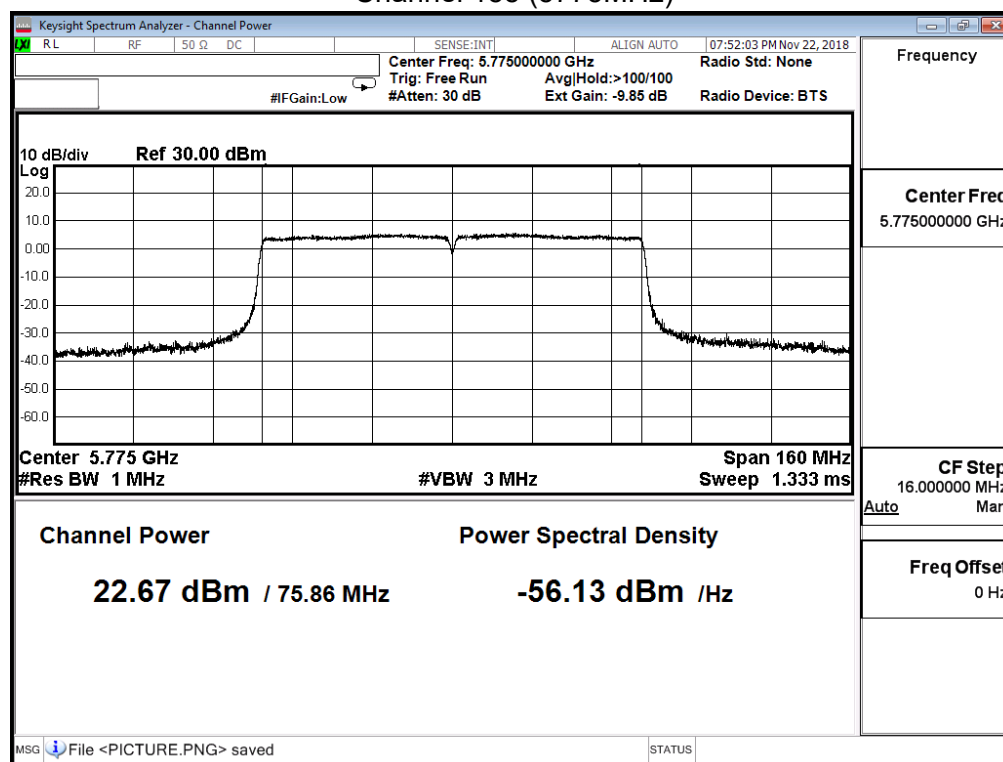
IEEE802.11ac(80MHz)(ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	22.670	≤ 29.663

Directional gain=10log(ANT N)+Gain=4.77+1.567=6.337

Limit =30dBm-(6.337dBi-6dBi)=29.663dBm

Channel 155 (5775MHz)



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/22	Test Site	SR10-H

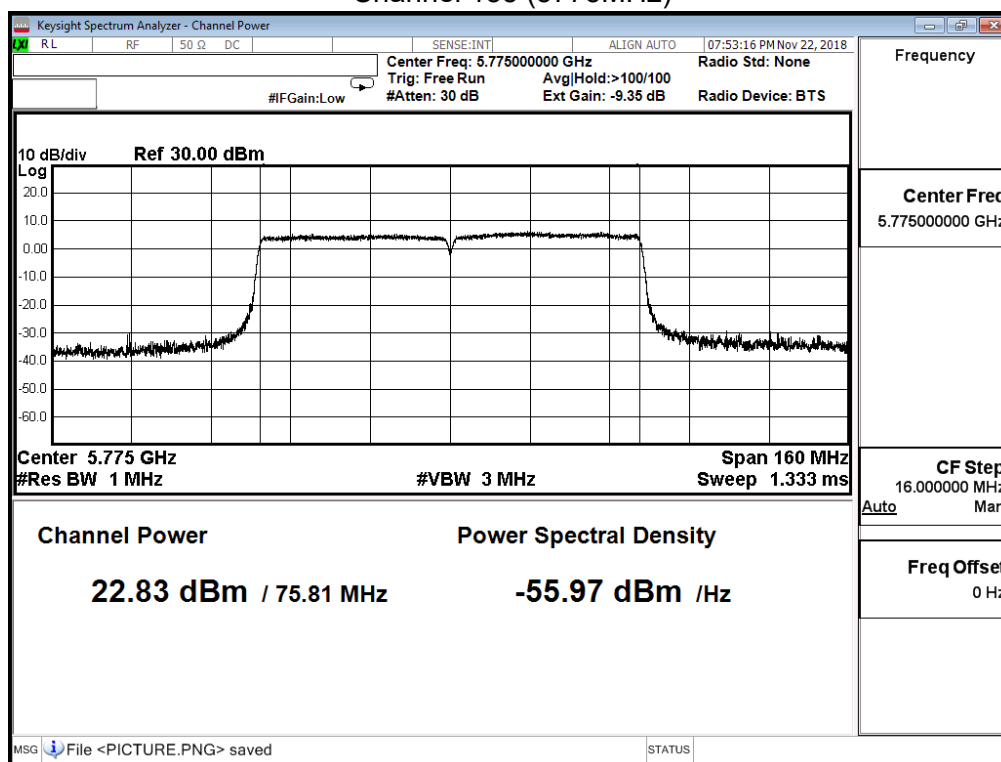
IEEE802.11ac(80MHz)(ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	22.830	≤ 29.663

Directional gain= $10\log(\text{ANT N}) + \text{Gain} = 4.77 + 1.567 = 6.337$

Limit = $30\text{dBm} - (6.337\text{dBi} - 6\text{dBi}) = 29.663\text{dBm}$

Channel 155 (5775MHz)



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/22	Test Site	SR10-H

IEEE802.11ac(80MHz)(ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	28.603	≤ 29.663

Directional gain=10log(ANT N)+Gain=4.77+1.567=6.337

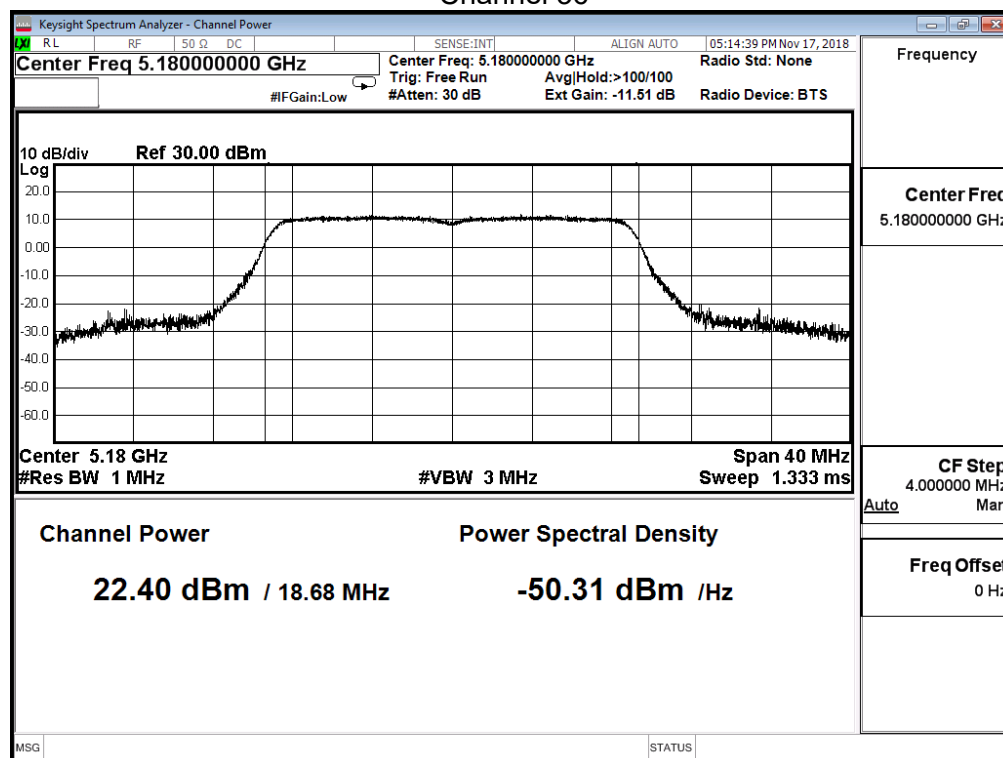
Limit =30dBm-(6.337dBi-6dBi)=29.663dBm

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/17	Test Site	SR10-H

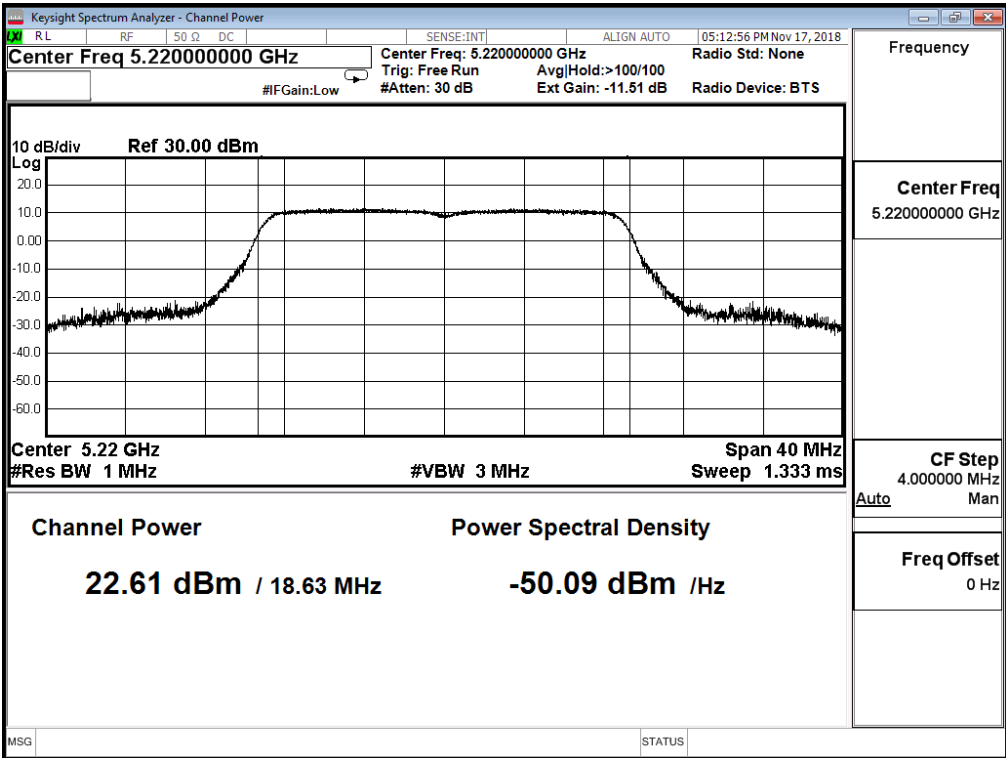
IEEE 802.11ac(20MHz)(ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	22.400	≤ 30
44	5220	22.610	≤ 30
48	5240	22.540	≤ 30

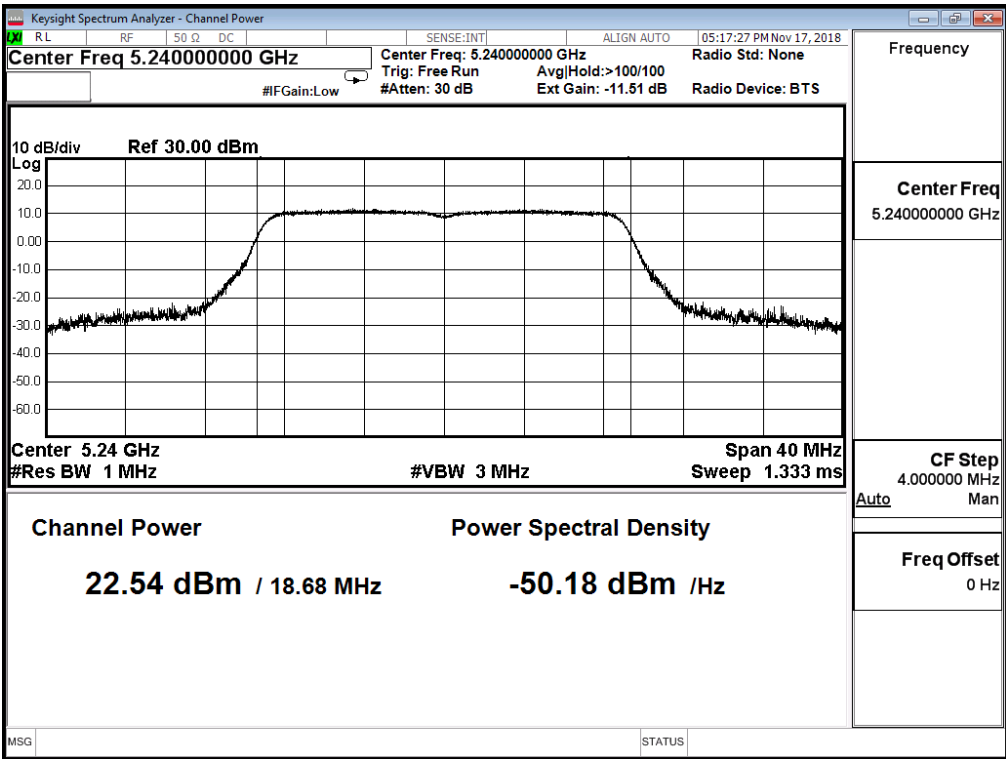
Channel 36



Channel 44



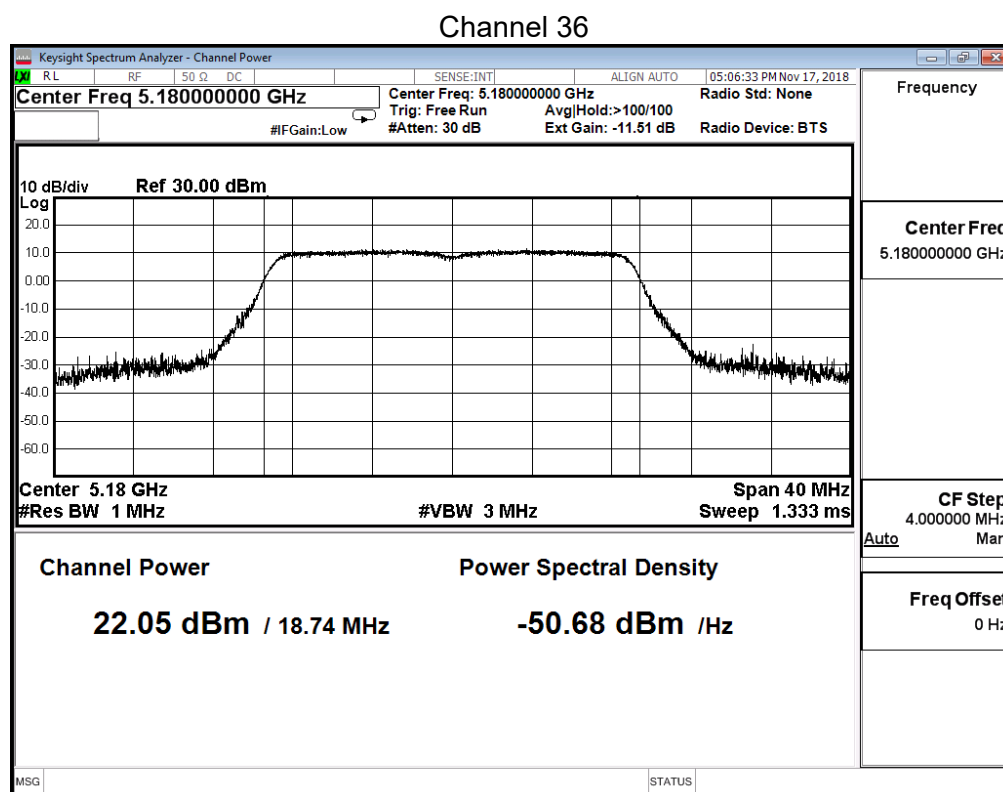
Channel 48



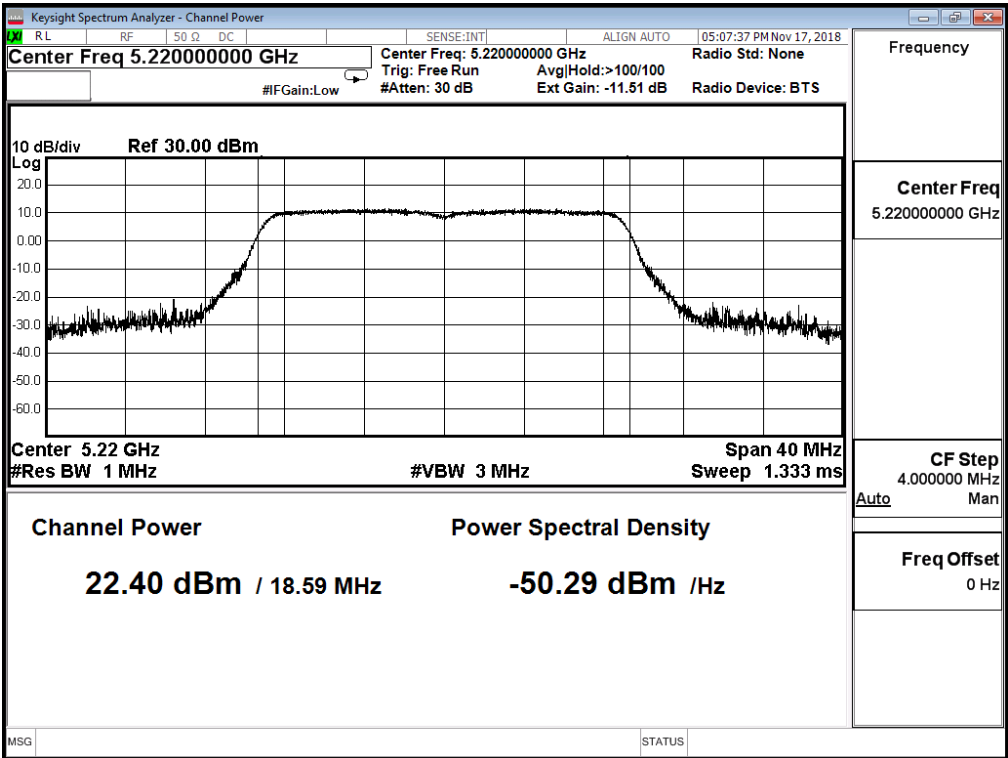
Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/17	Test Site	SR10-H

IEEE 802.11ac(20MHz)(ANT 1)

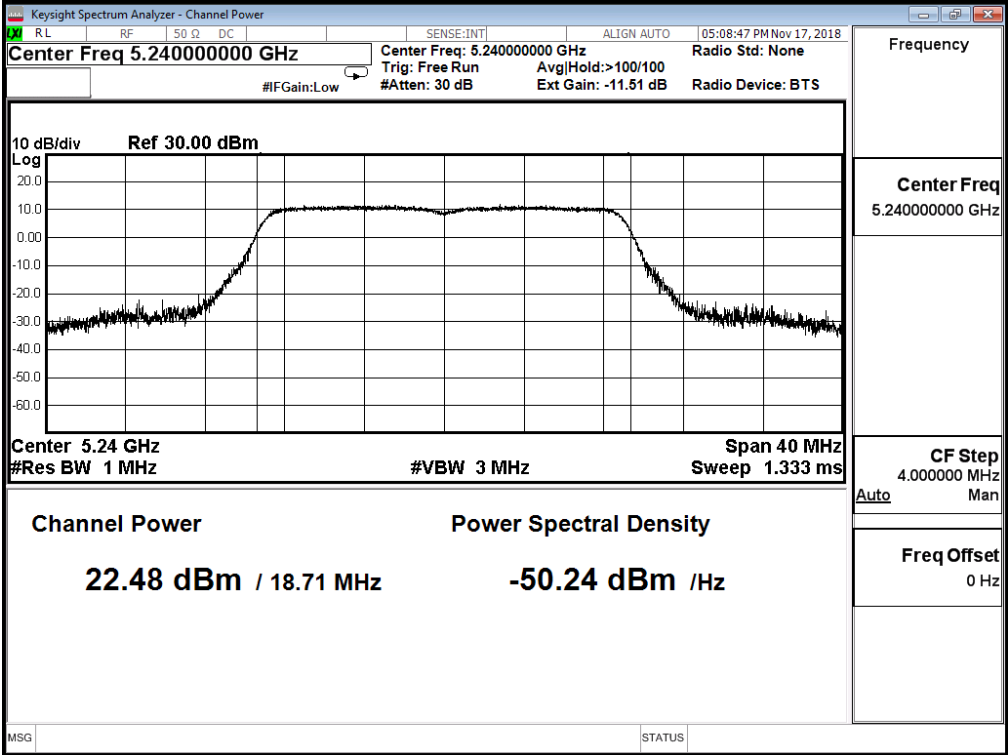
Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	22.050	≤ 30
44	5220	22.400	≤ 30
48	5240	22.480	≤ 30



Channel 44



Channel 48

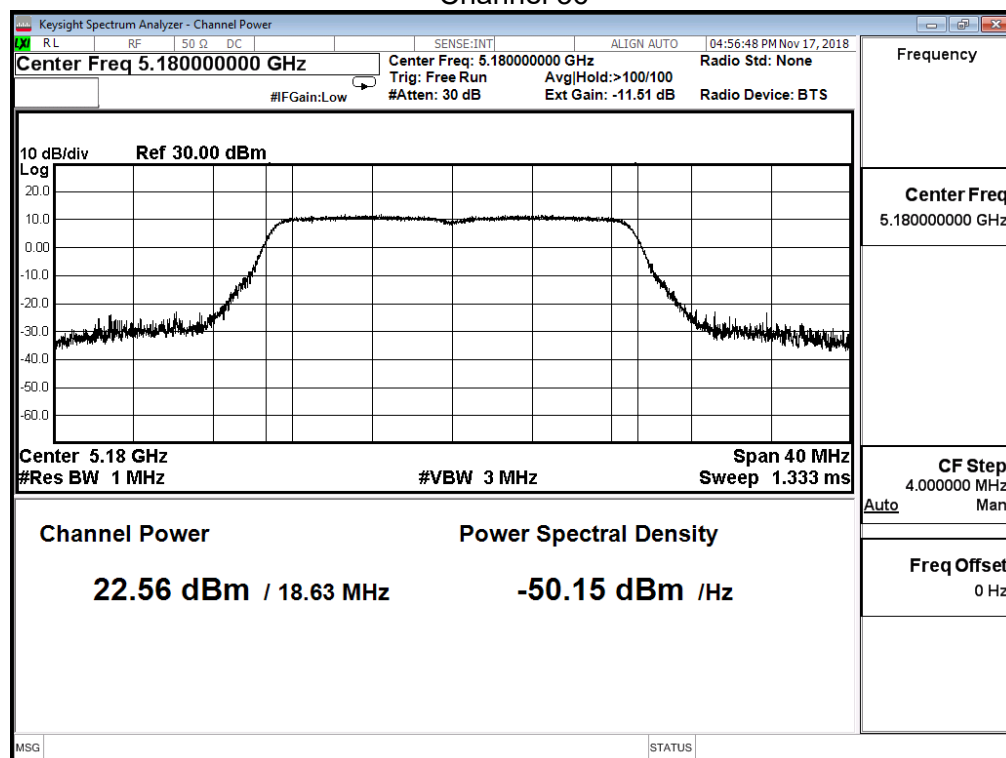


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/17	Test Site	SR10-H

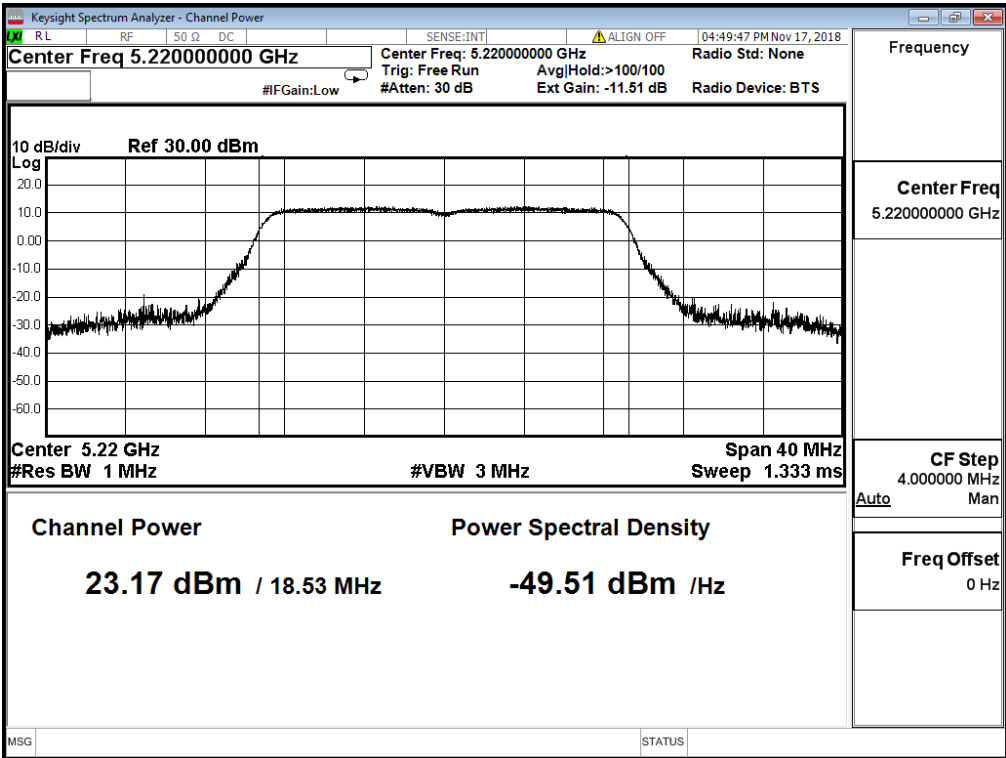
IEEE 802.11ac(20MHz)(ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	22.560	≤ 30
44	5220	23.170	≤ 30
48	5240	22.880	≤ 30

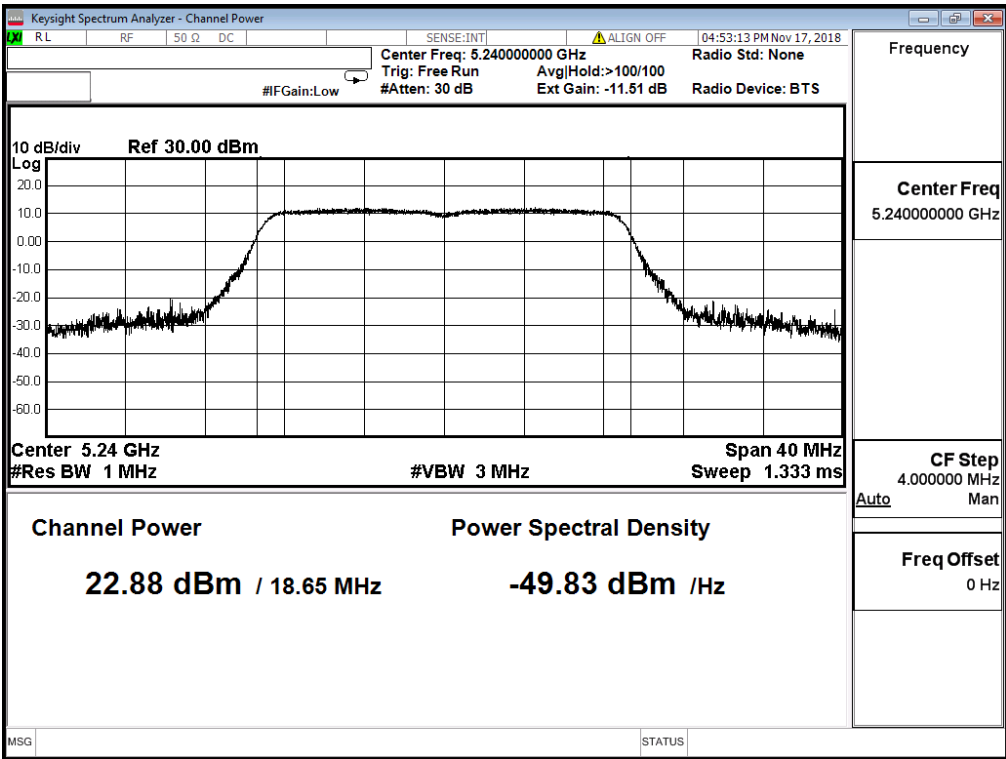
Channel 36



Channel 44



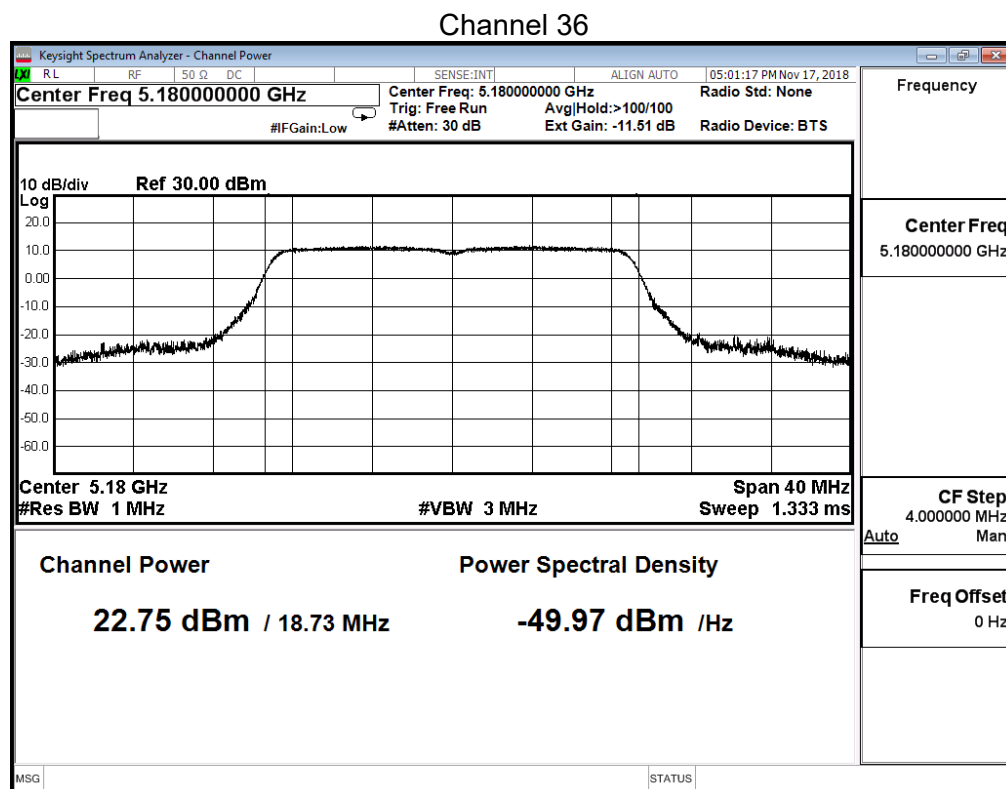
Channel 48



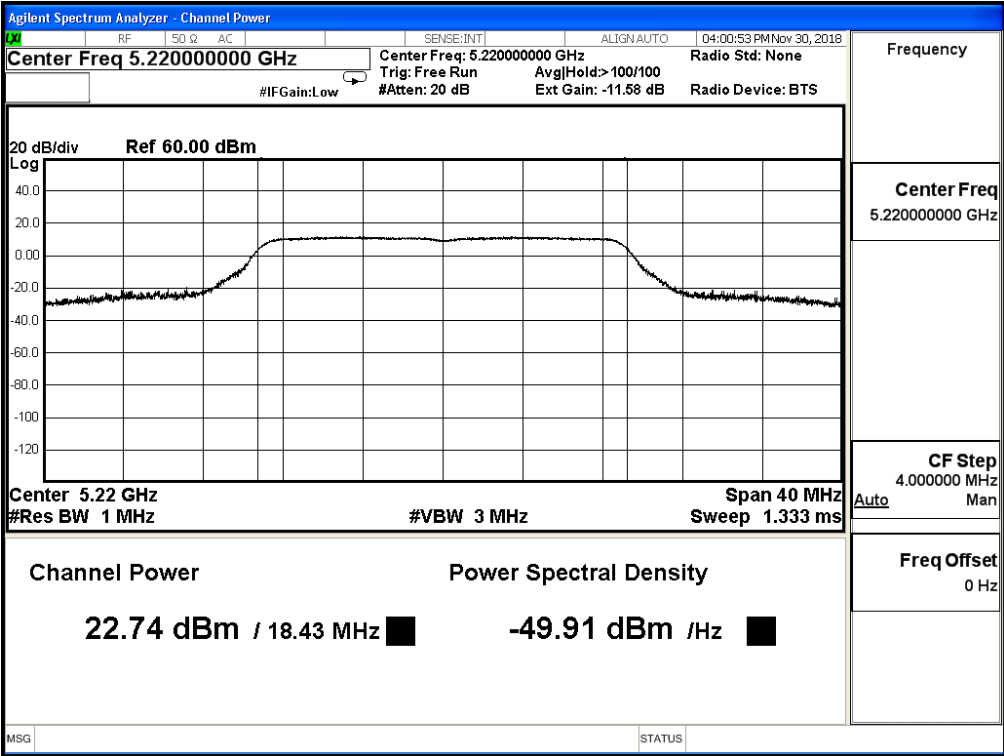
Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/17	Test Site	SR10-H

IEEE 802.11ac(20MHz)(ANT 3)

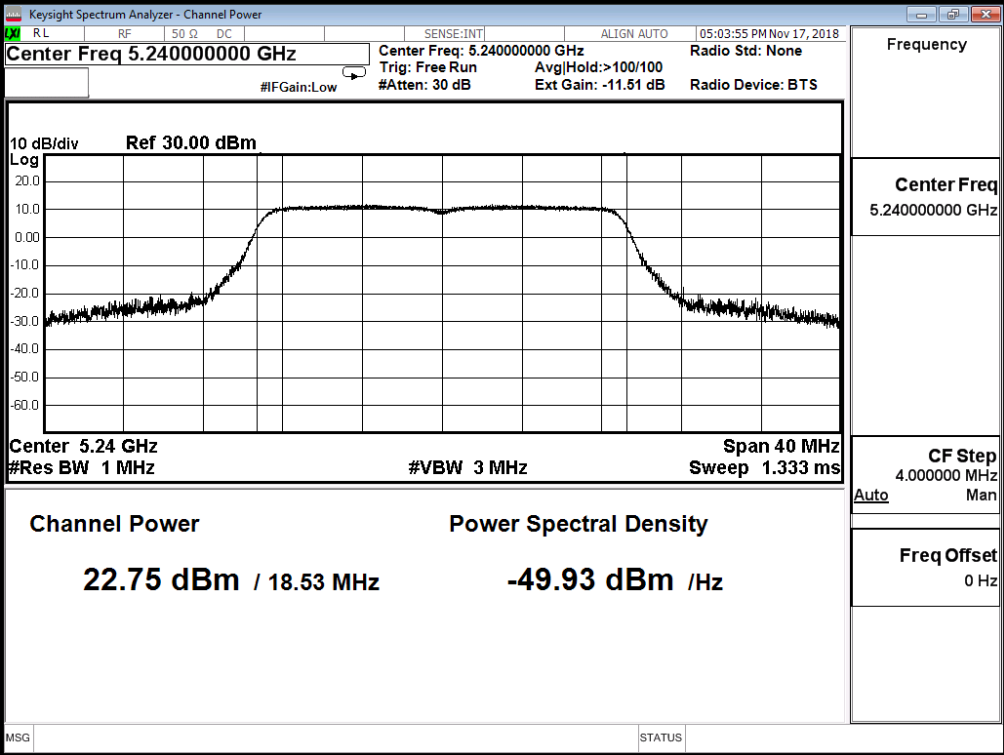
Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	22.750	≤ 30
44	5220	22.740	≤ 30
48	5240	22.750	≤ 30



Channel 44



Channel 48



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/17	Test Site	SR10-H

IEEE 802.11ac(20MHz)(ANT 0+1+2+3)

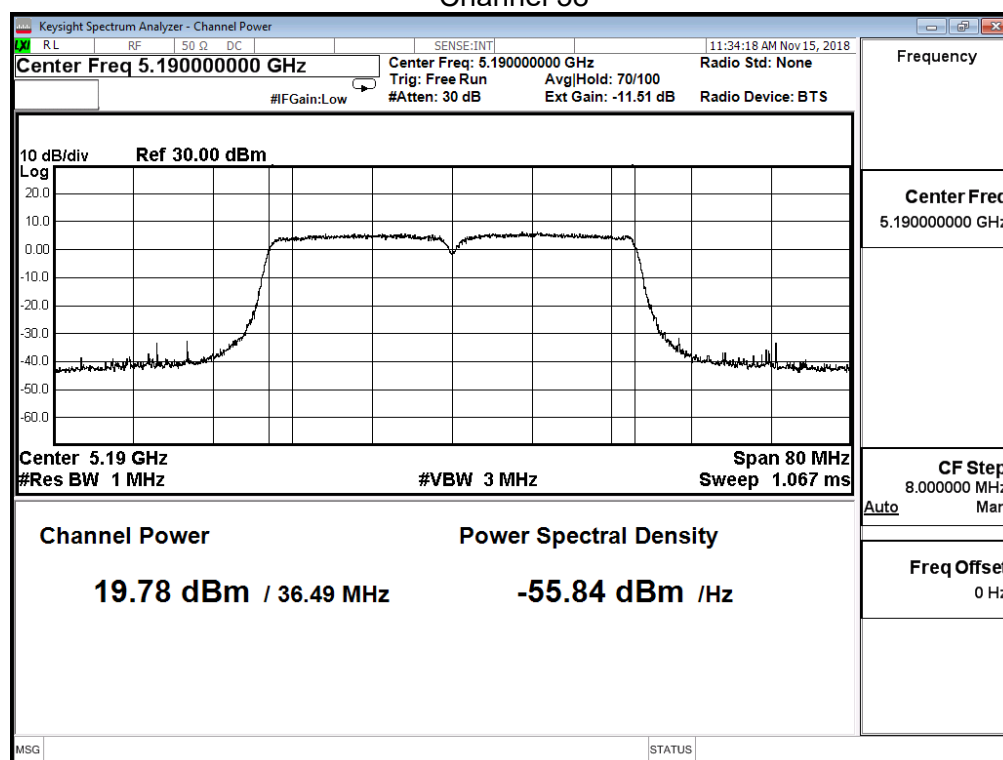
Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
36	5180	28.468	≤ 30
44	5220	28.760	≤ 30
48	5240	28.686	≤ 30

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/15	Test Site	SR10-H

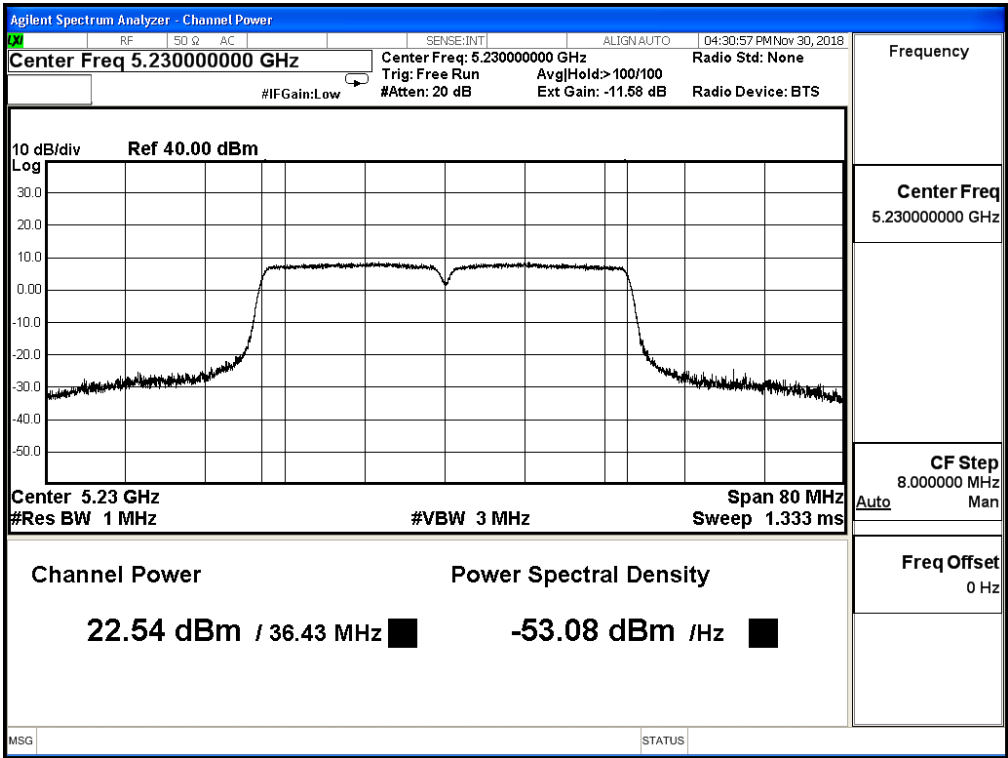
IEEE 802.11ac(40MHz)(ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
38	5190	19.780	≤ 30
46	5230	22.540	≤ 30

Channel 38



Channel 46

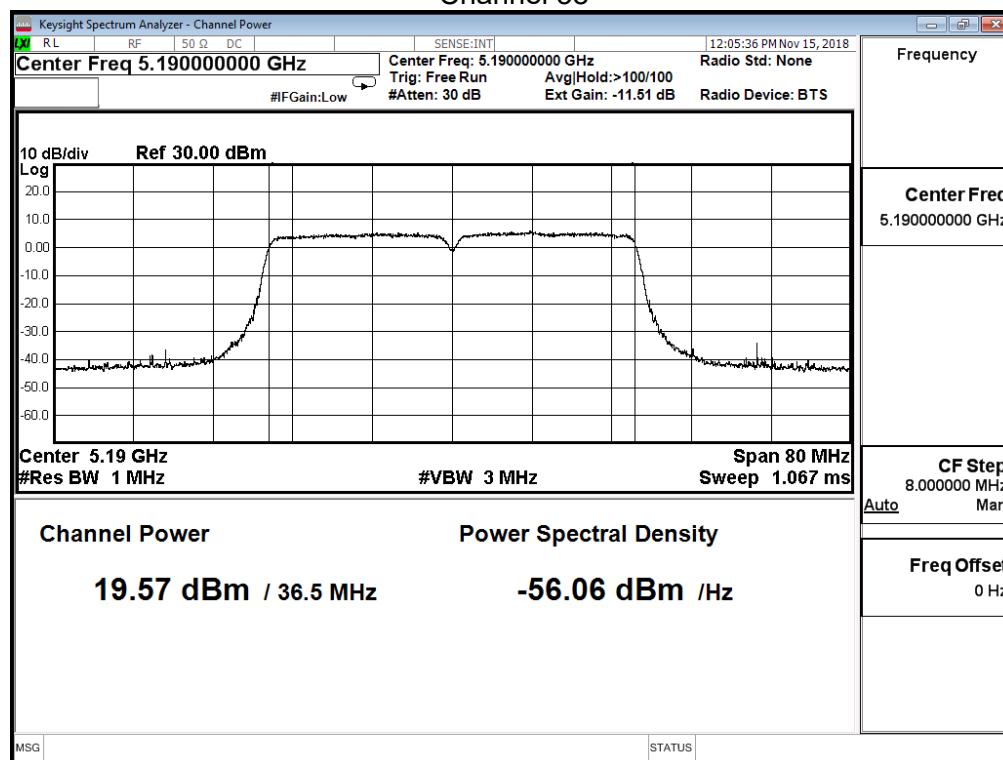


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/15	Test Site	SR10-H

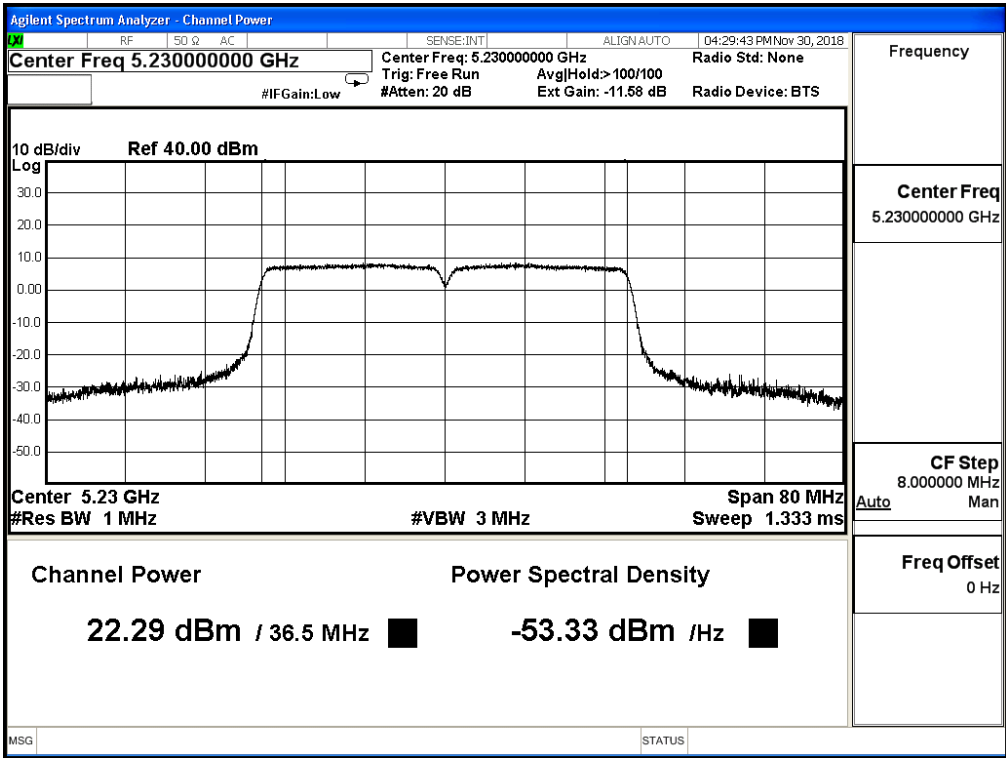
IEEE 802.11ac(40MHz)(ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
38	5190	19.570	≤ 30
46	5230	22.290	≤ 30

Channel 38



Channel 46

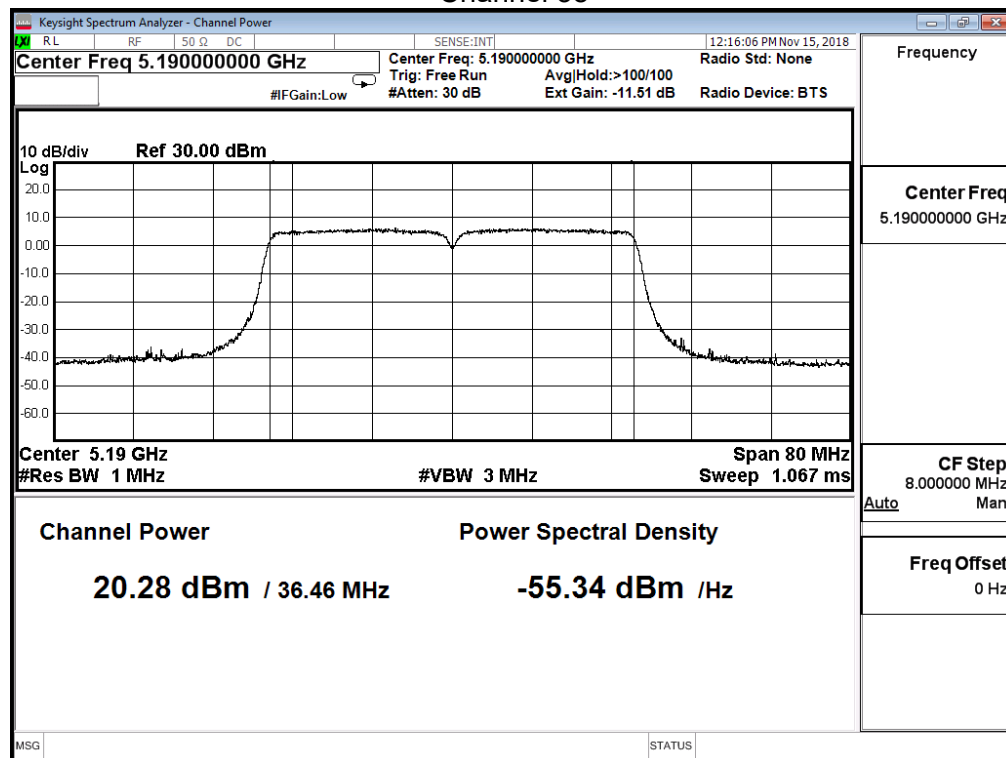


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/15	Test Site	SR10-H

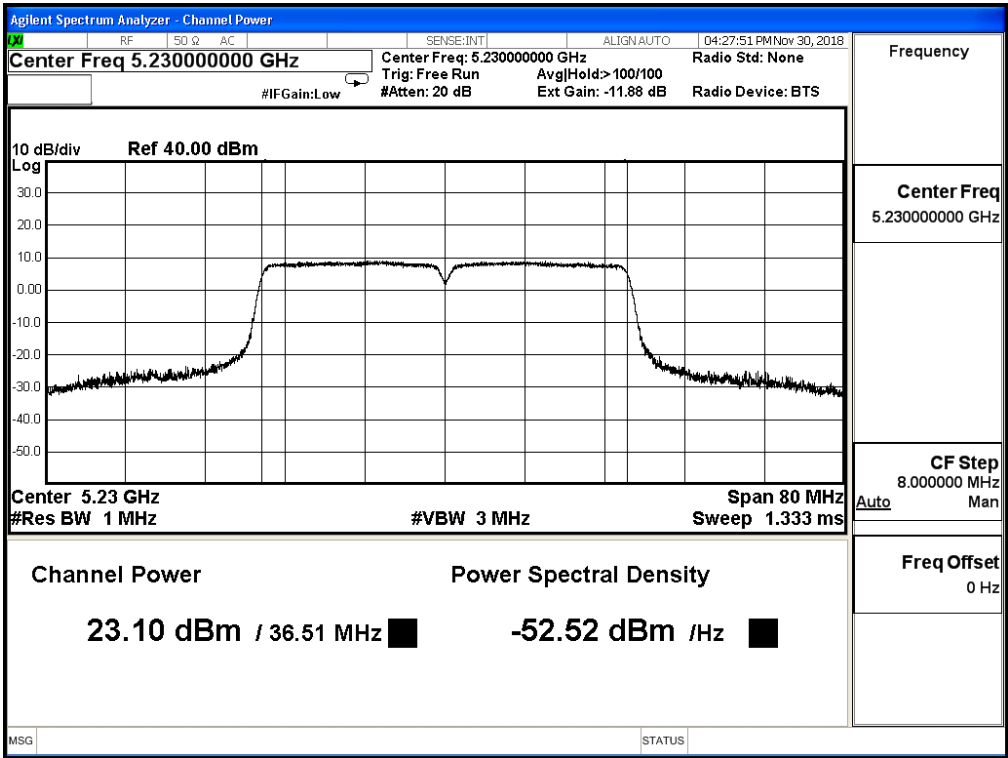
IEEE 802.11ac(40MHz)(ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
38	5190	20.280	≤ 30
46	5230	23.100	≤ 30

Channel 38



Channel 46

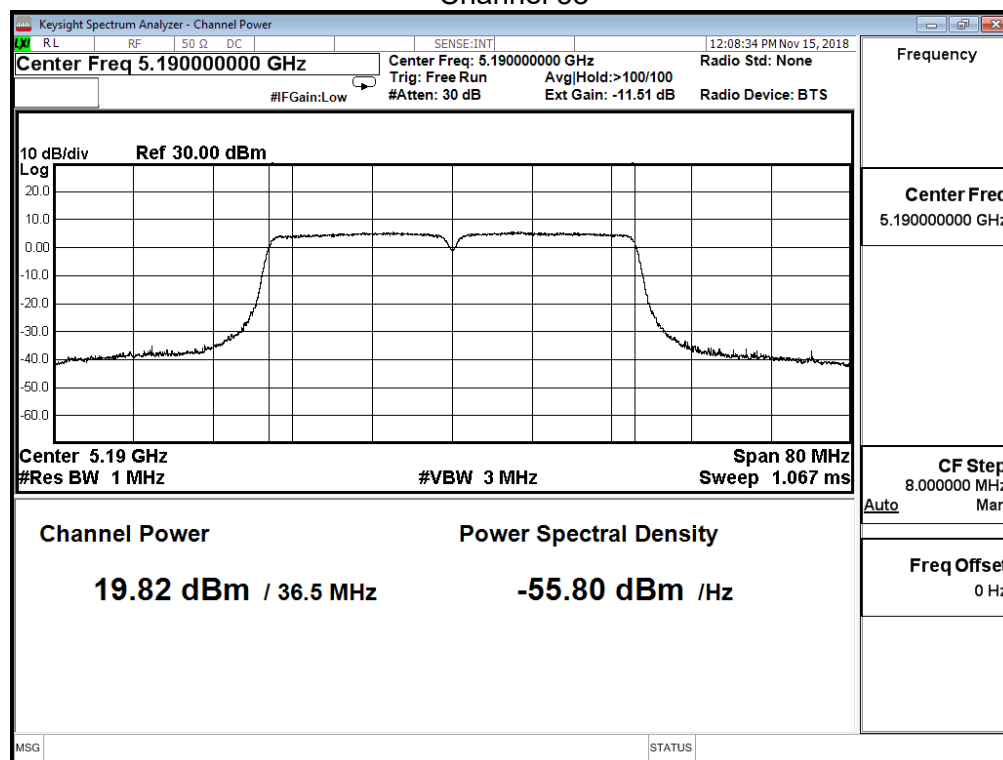


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/15	Test Site	SR10-H

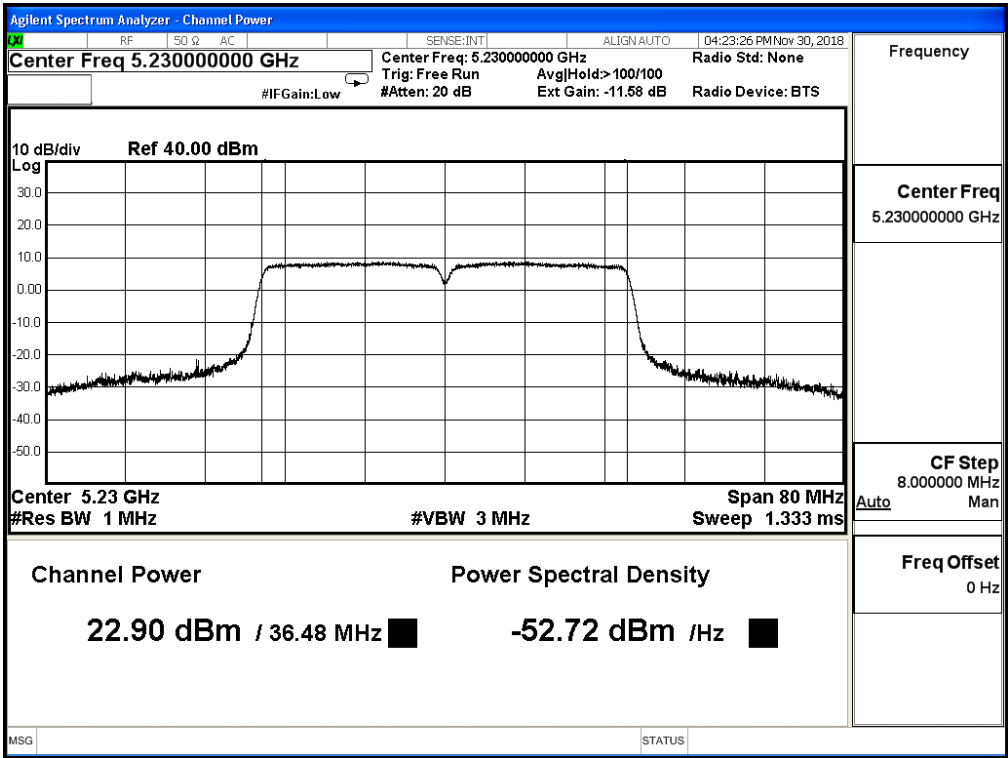
IEEE 802.11ac(40MHz)(ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
38	5190	19.820	≤ 30
46	5230	22.900	≤ 30

Channel 38



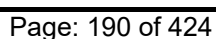
Channel 46



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/15	Test Site	SR10-H

IEEE 802.11ac(40MHz)(ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
38	5190	25.891	≤ 30
46	5230	28.739	≤ 30

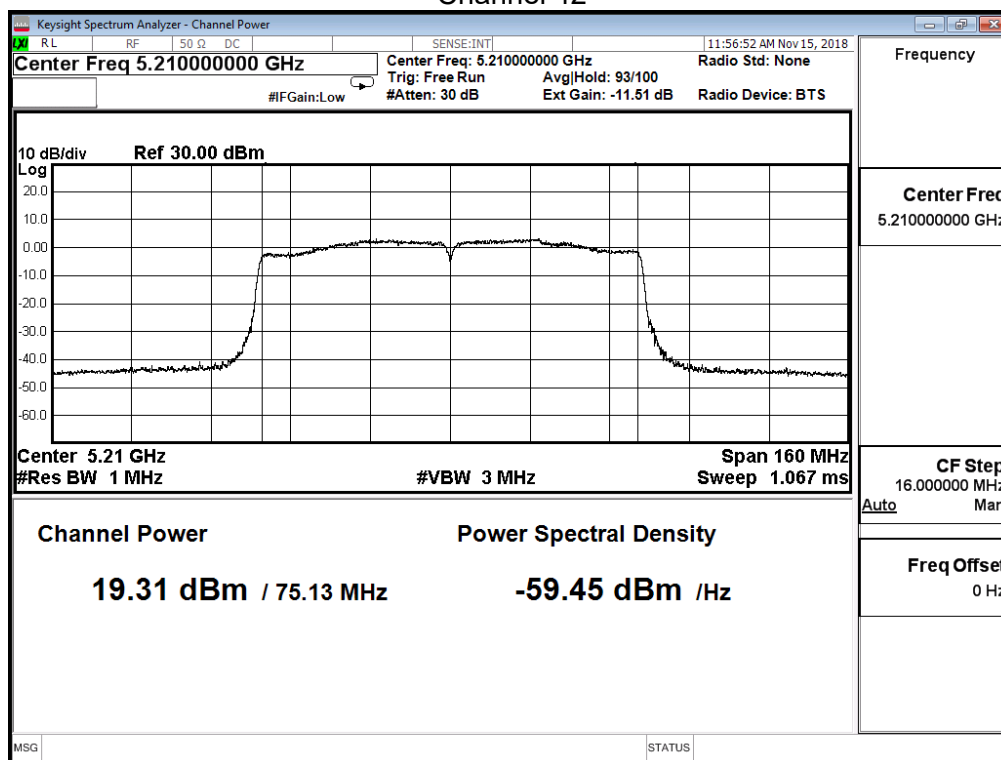
IEEE 802.11ac(80MHz) (ANT 0)Channel 42

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/15	Test Site	SR10-H

IEEE 802.11ac(80MHz) (ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
42	5210	19.310	≤ 30

Channel 42

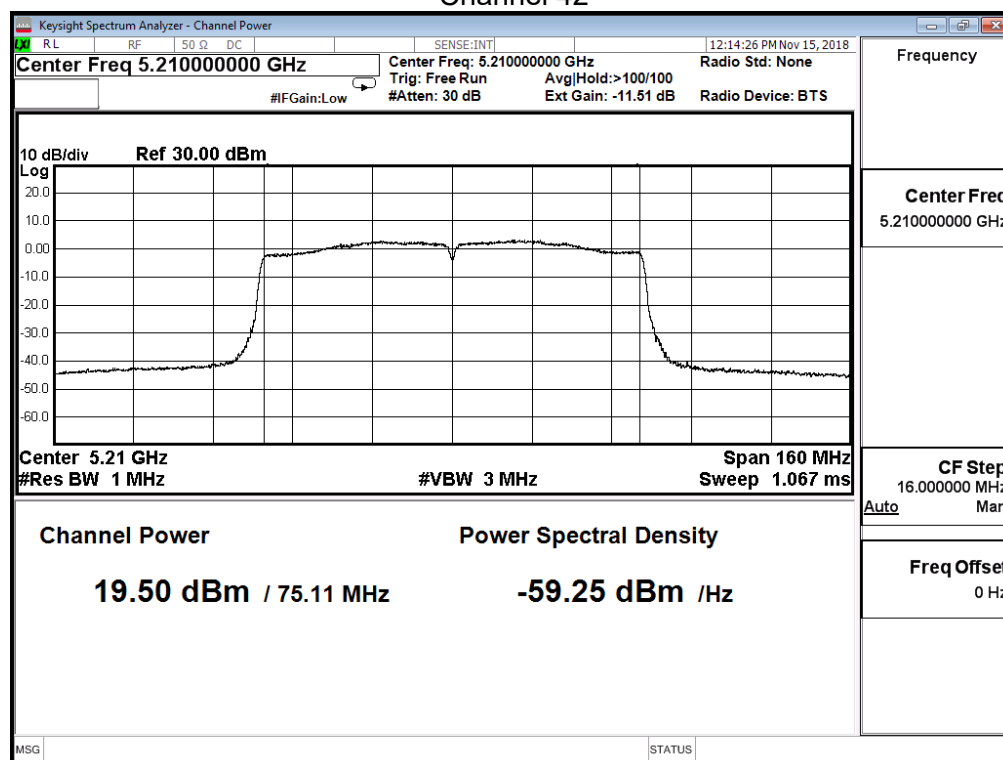


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/15	Test Site	SR10-H

IEEE 802.11ac(80MHz) (ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
42	5210	19.500	≤ 30

Channel 42

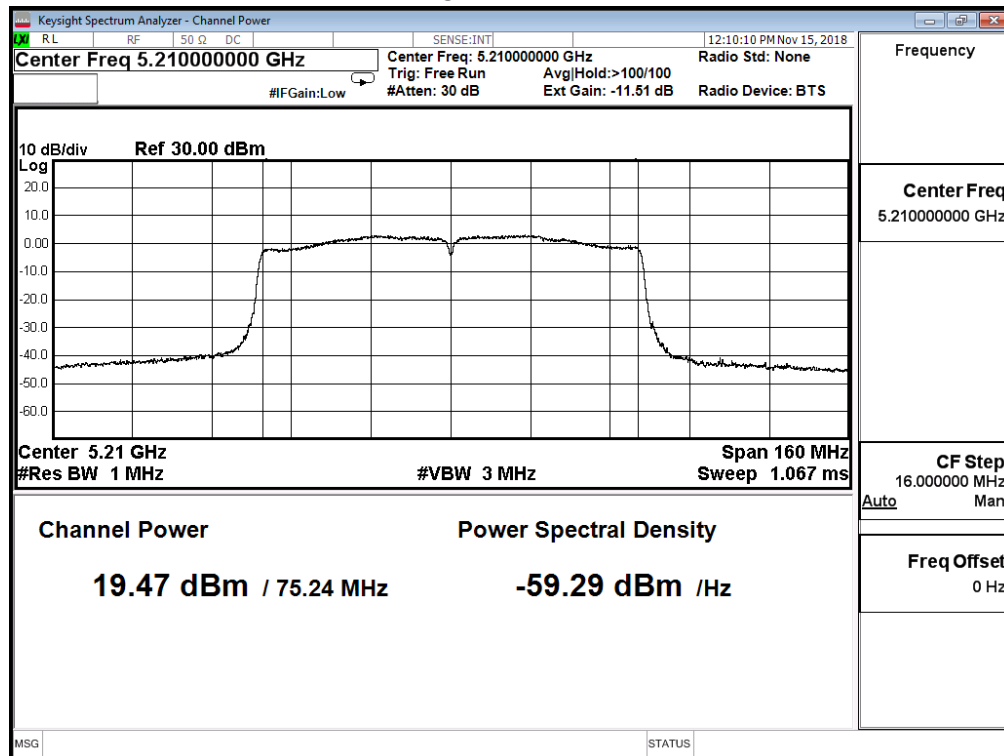


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/15	Test Site	SR10-H

IEEE 802.11ac(80MHz) (ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
42	5210	19.470	≤ 30

Channel 42



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/15	Test Site	SR10-H

IEEE 802.11ac(80MHz)(ANT 0+1+2+3)

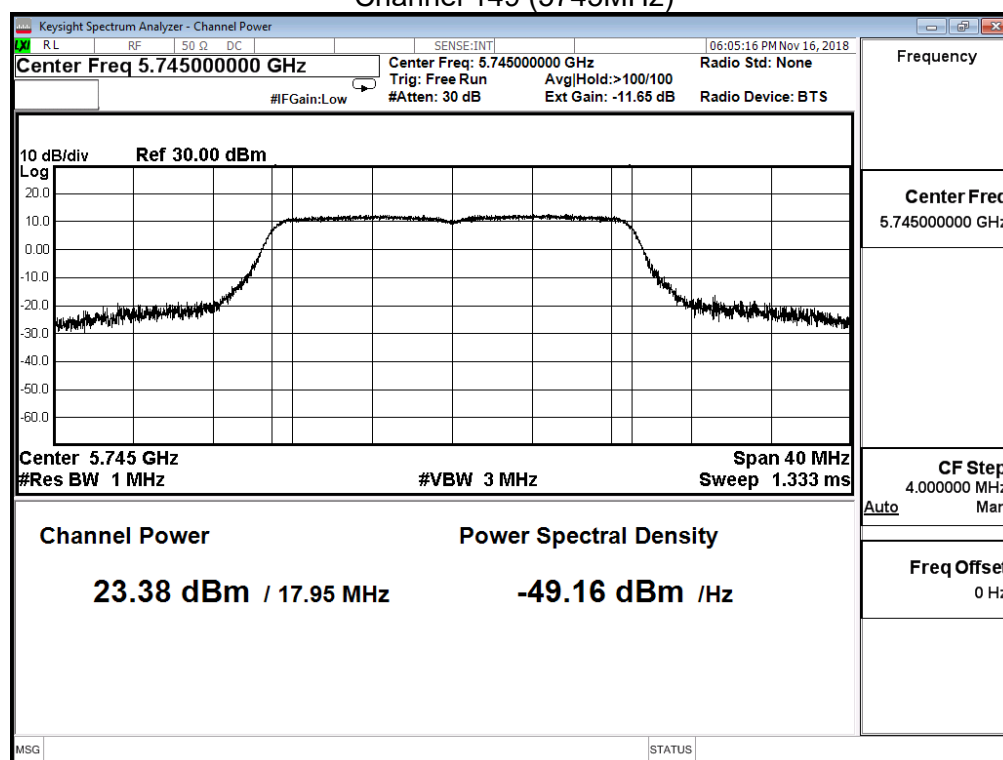
Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
42	5210	25.407	≤ 30

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/16	Test Site	SR10-H

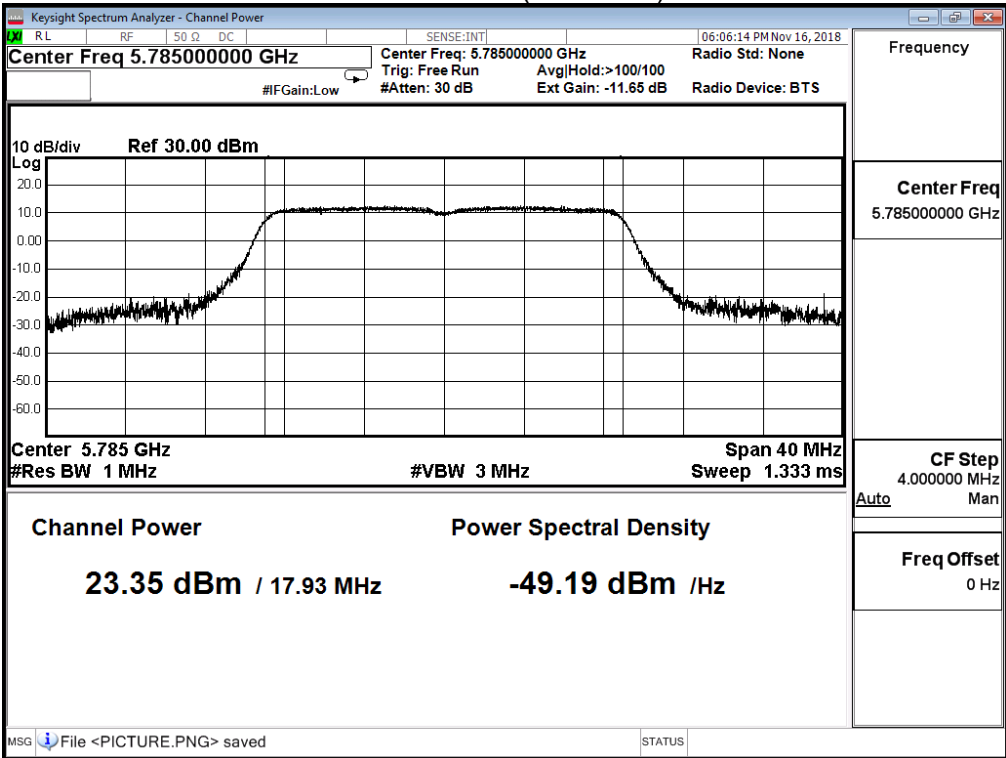
IEEE 802.11ac(20MHz)(ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	23.380	≤ 30
157	5785	23.350	≤ 30
165	5825	23.590	≤ 30

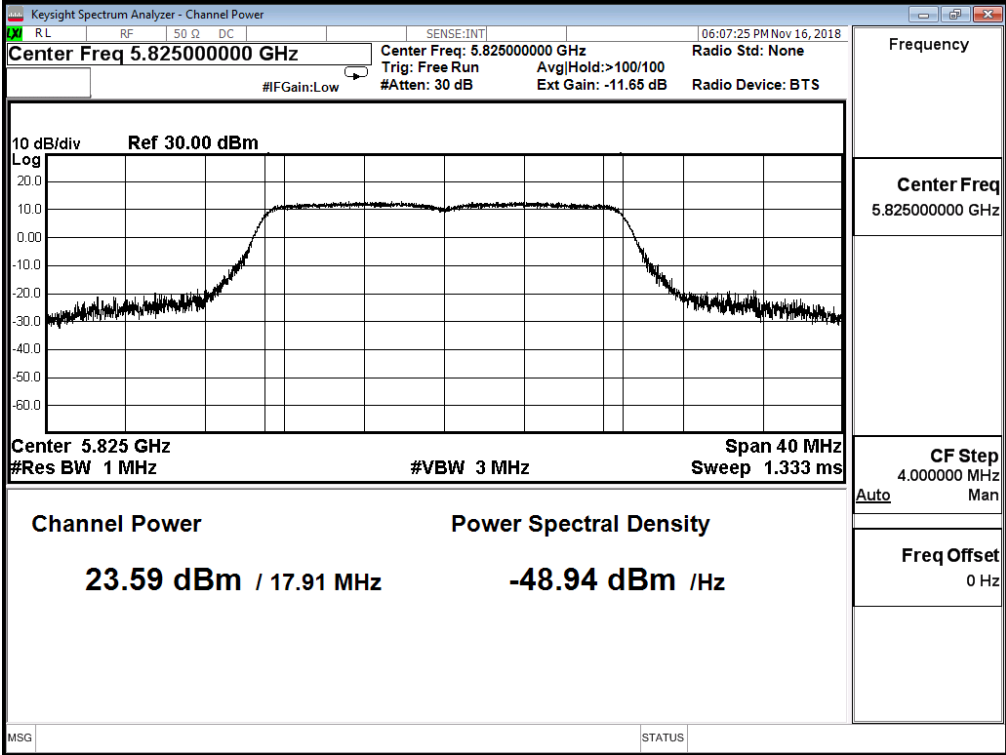
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

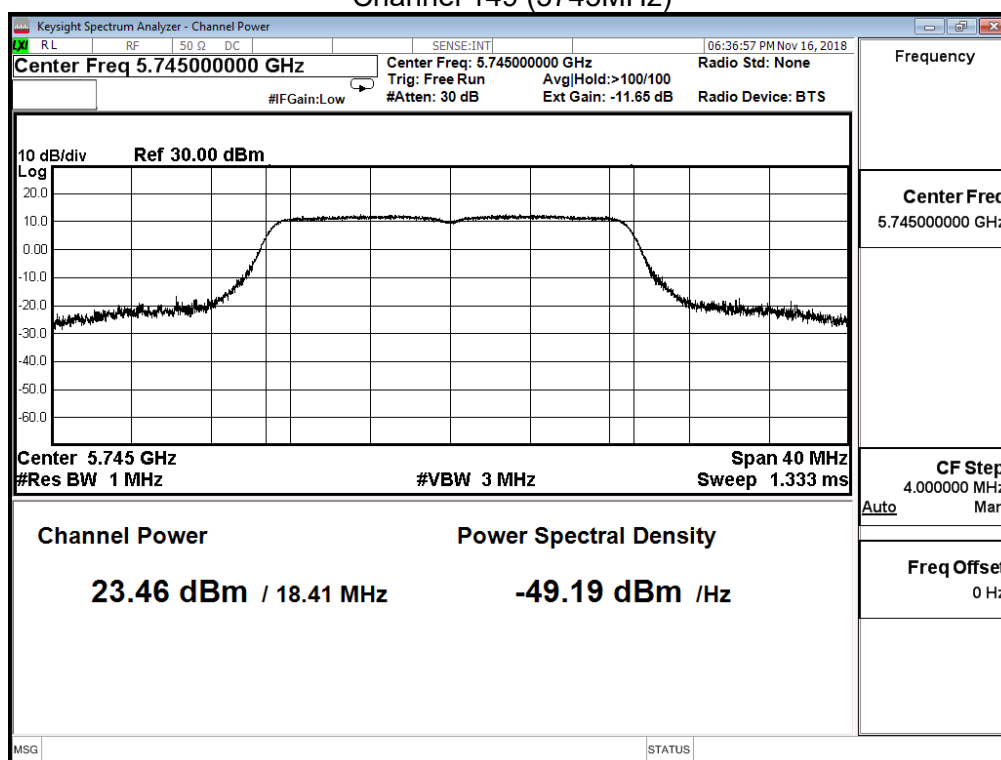


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/16	Test Site	SR10-H

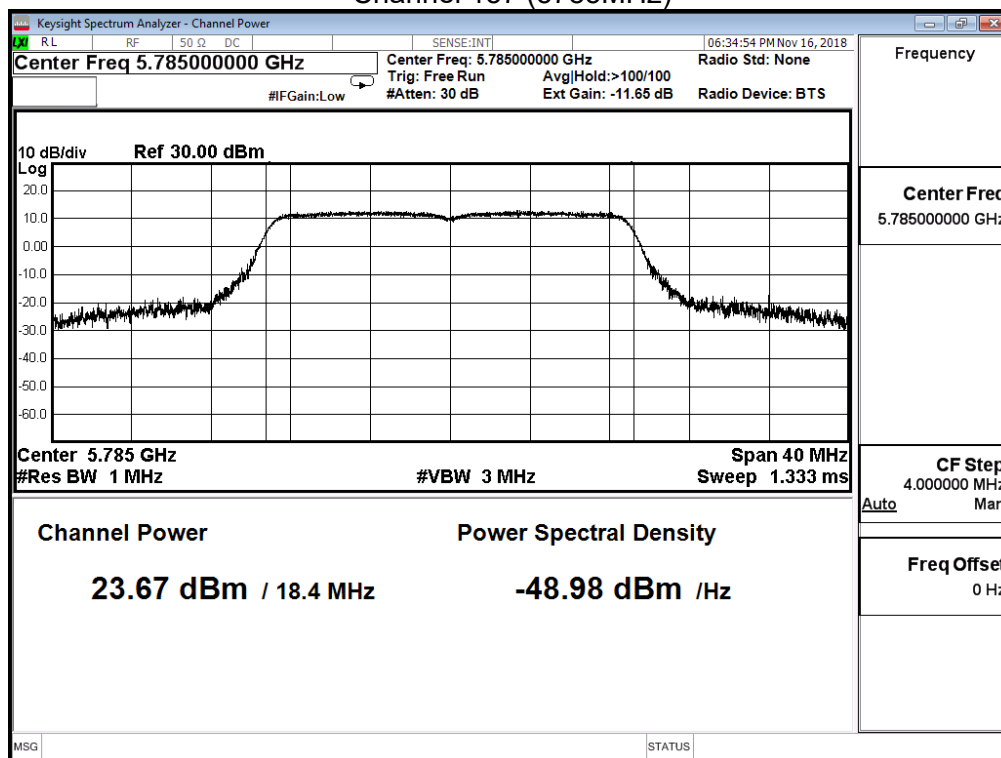
IEEE 802.11ac(20MHz)(ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	23.460	≤ 30
157	5785	23.670	≤ 30
165	5825	23.860	≤ 30

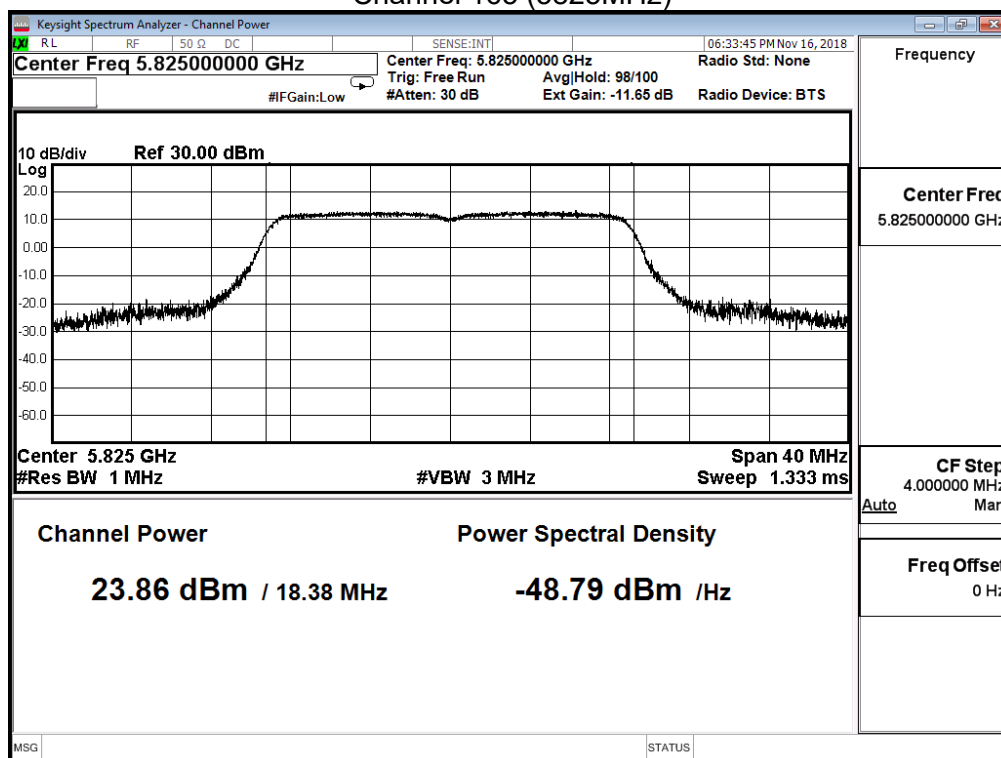
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

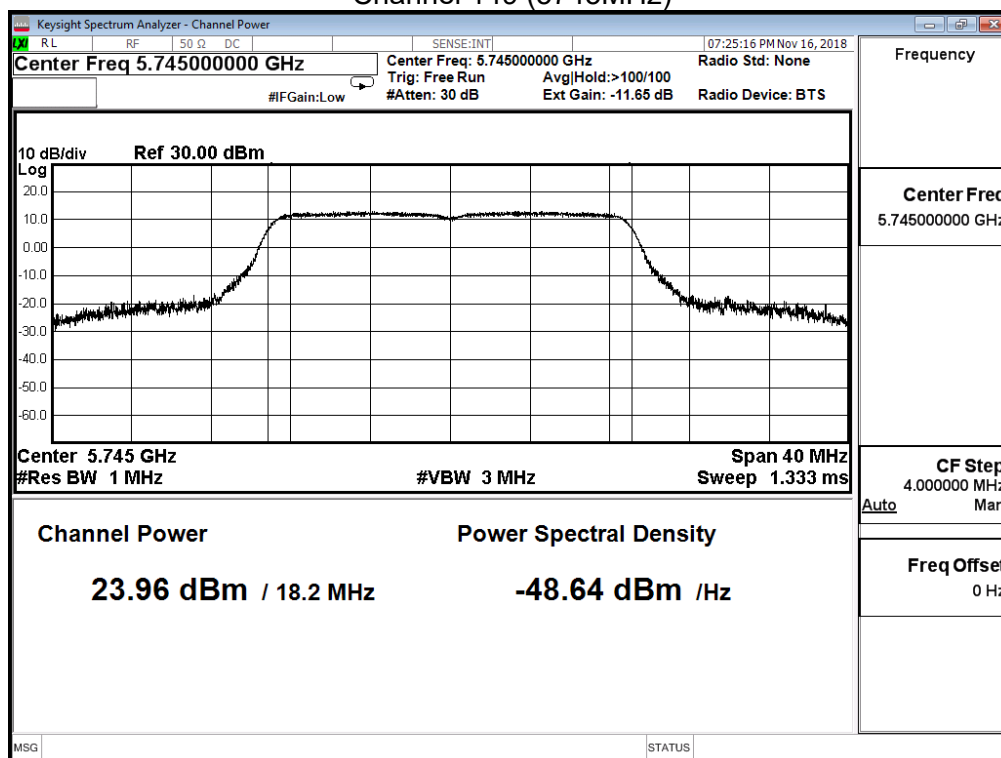


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/16	Test Site	SR10-H

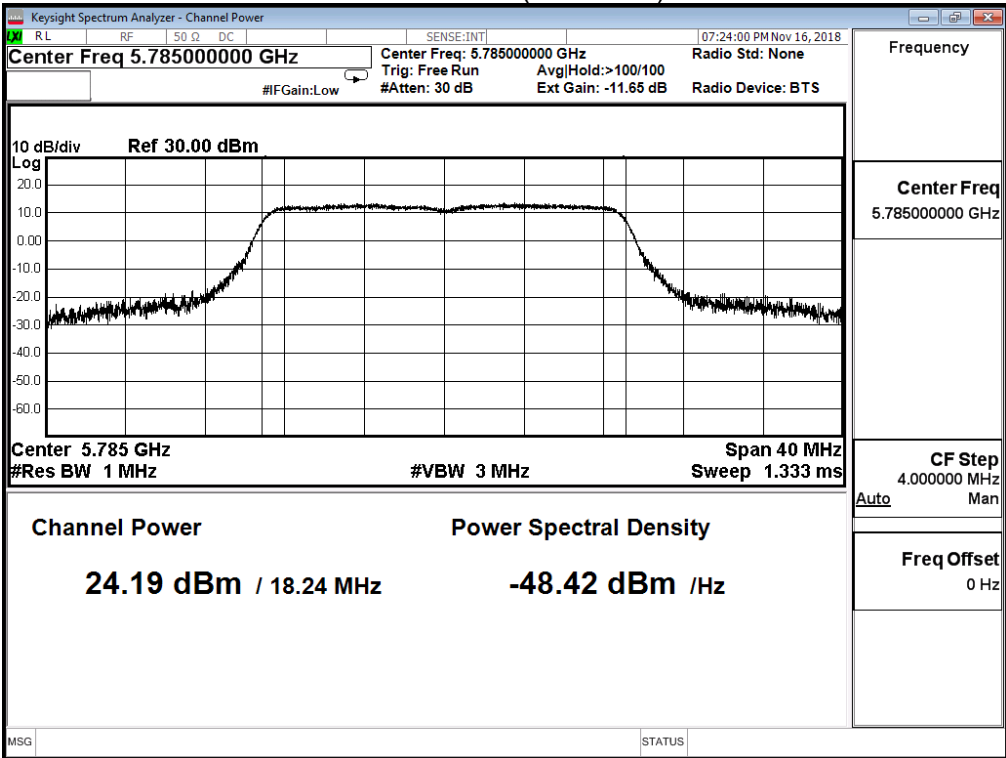
IEEE 802.11ac(20MHz)(ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	23.960	≤ 30
157	5785	24.190	≤ 30
165	5825	23.590	≤ 30

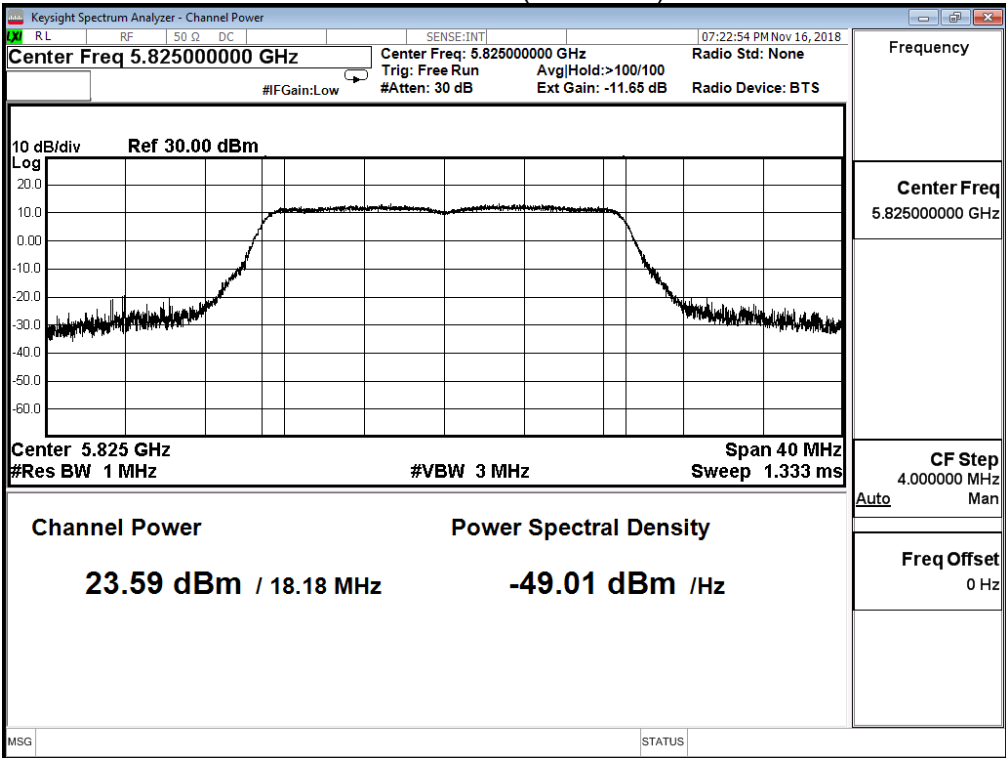
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

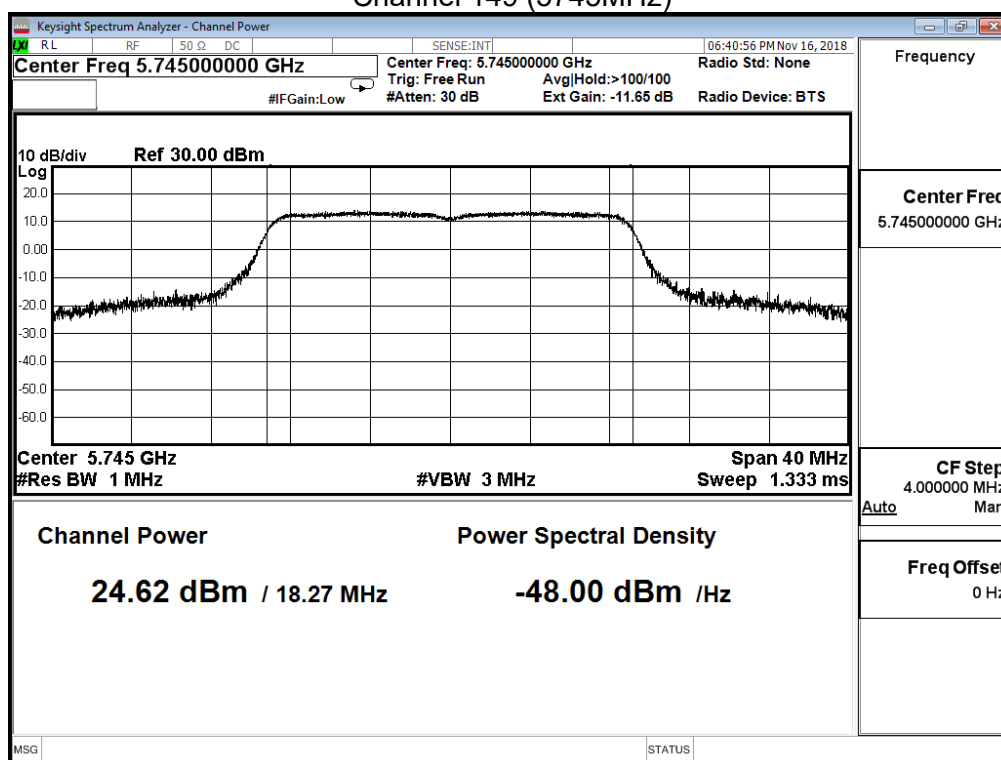


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/16	Test Site	SR10-H

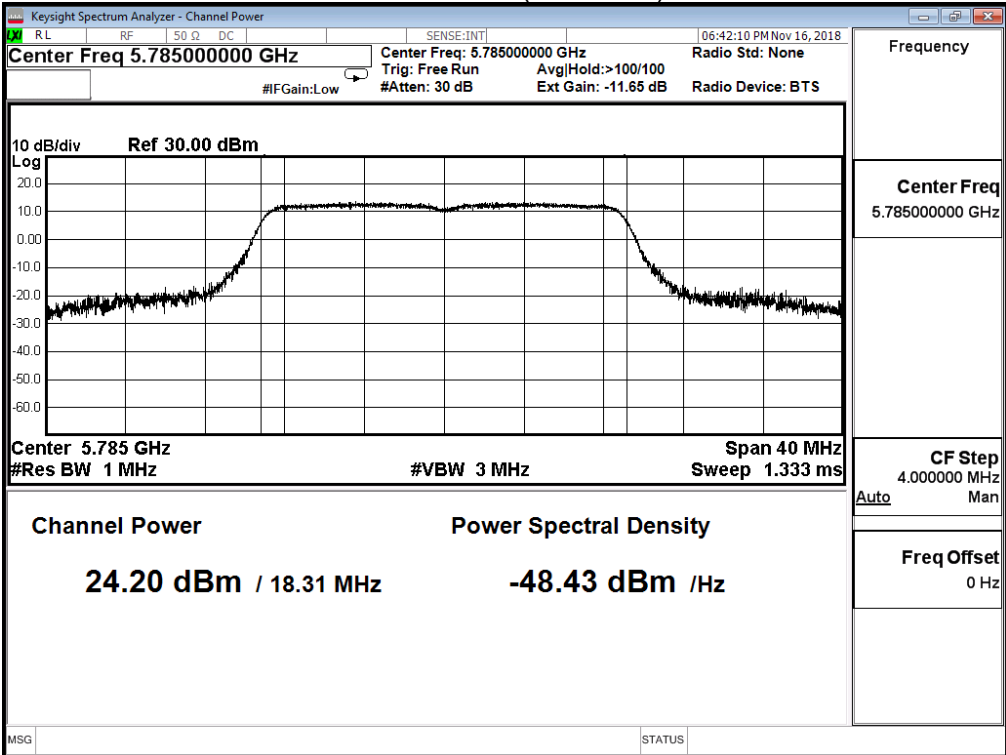
IEEE 802.11ac(20MHz)(ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	24.620	≤ 30
157	5785	24.200	≤ 30
165	5825	24.060	≤ 30

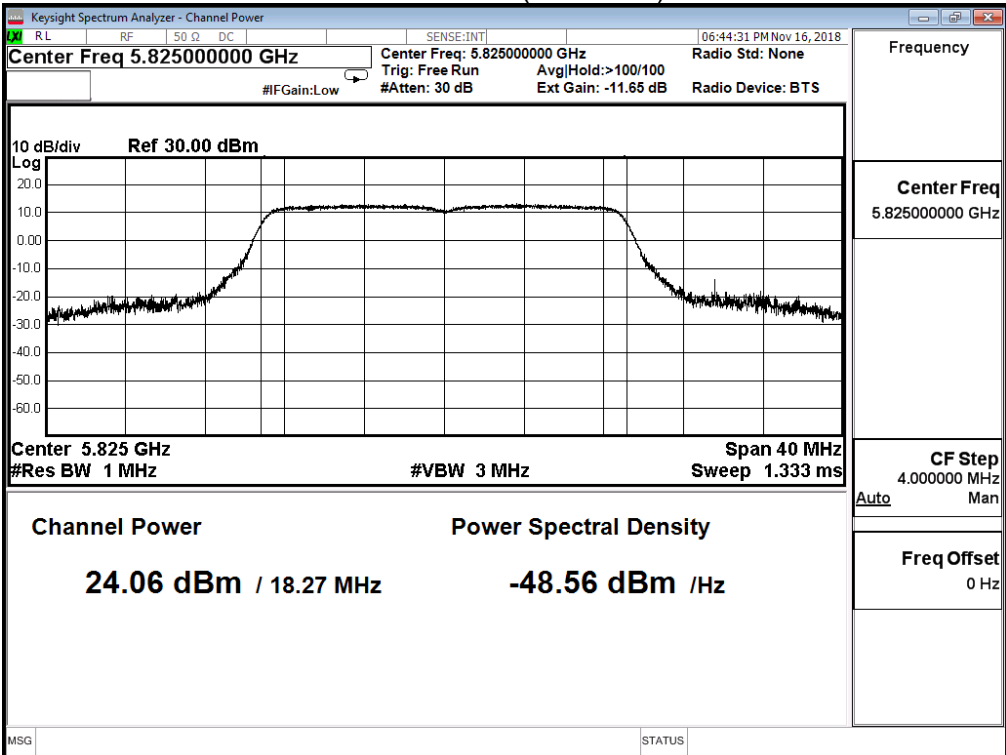
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/16	Test Site	SR10-H

IEEE 802.11ac(20MHz)(ANT 0+1+2+3)

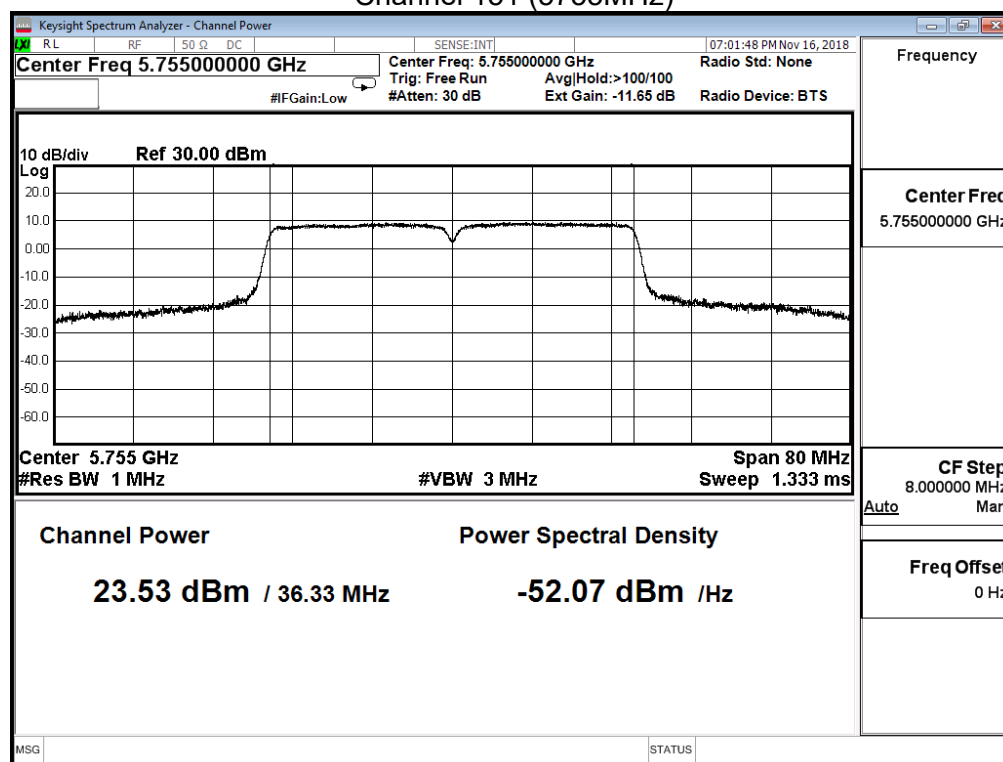
Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	29.900	≤ 30
157	5785	29.890	≤ 30
165	5825	29.800	≤ 30

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/16	Test Site	SR10-H

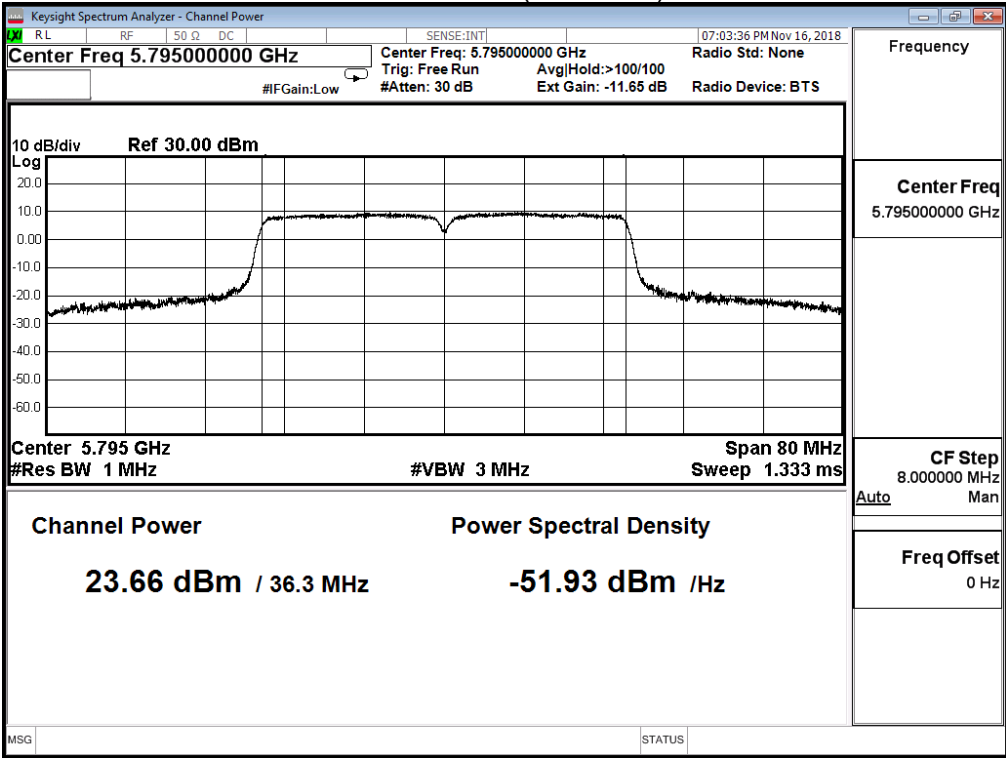
IEEE802.11ac(40MHz)(ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	23.530	≤ 30
159	5795	23.660	≤ 30

Channel 151 (5755MHz)



Channel 159 (5795MHz)

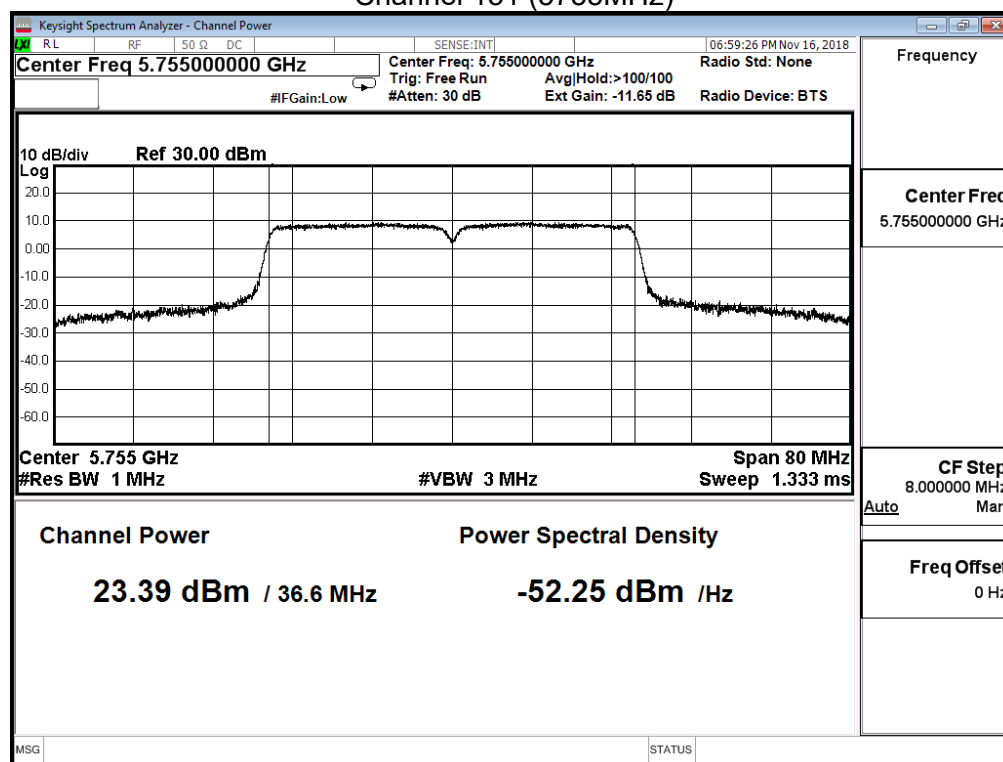


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/16	Test Site	SR10-H

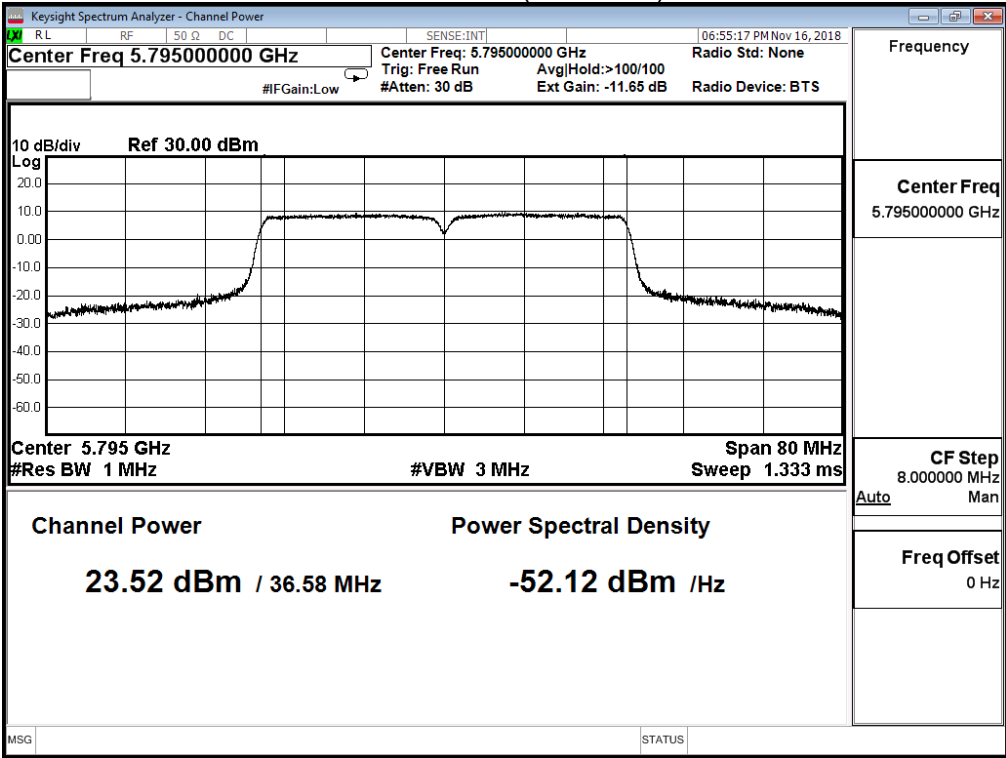
IEEE802.11ac(40MHz)(ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	23.390	≤ 30
159	5795	23.520	≤ 30

Channel 151 (5755MHz)



Channel 159 (5795MHz)

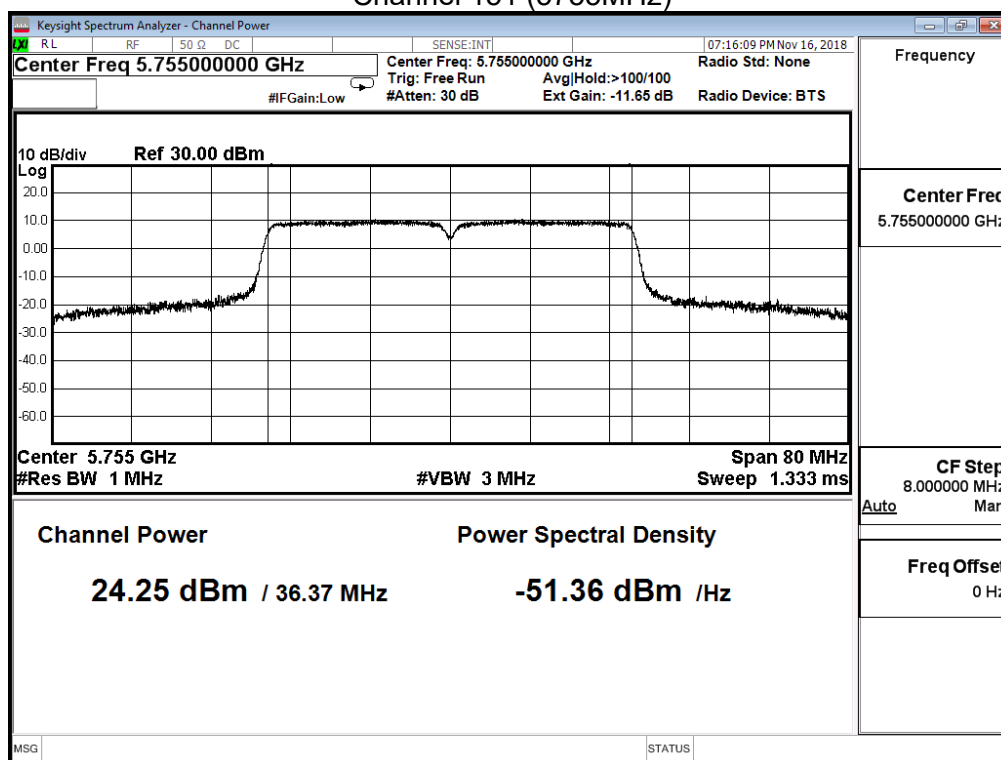


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/16	Test Site	SR10-H

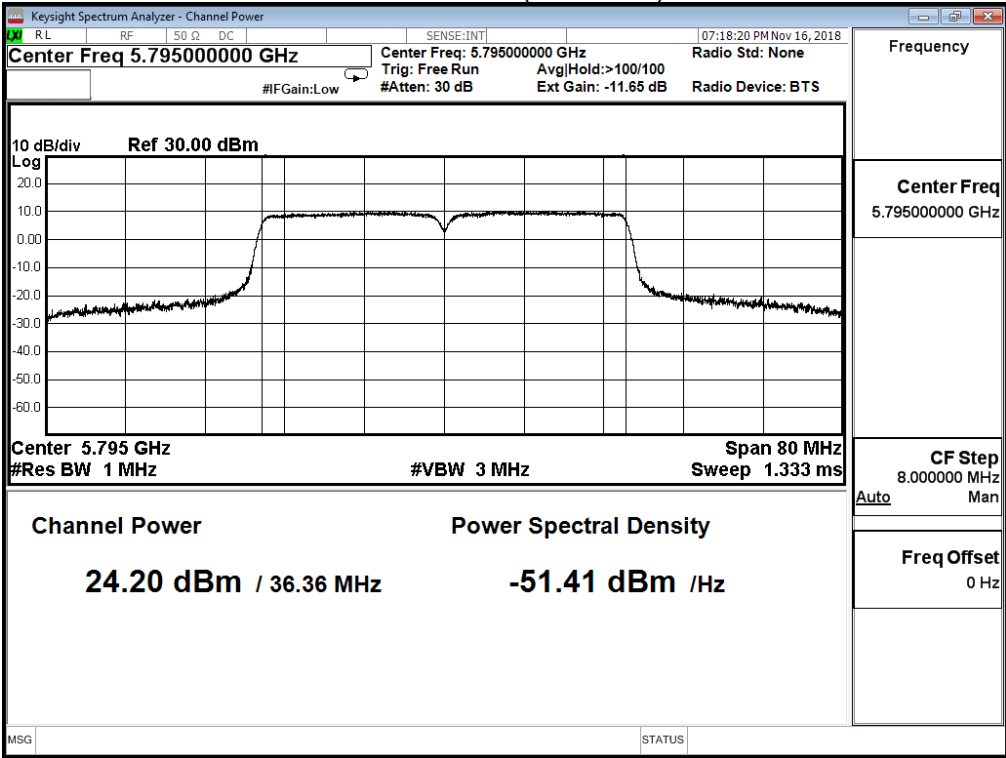
IEEE802.11ac(40MHz)(ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	24.250	≤ 30
159	5795	24.200	≤ 30

Channel 151 (5755MHz)



Channel 159 (5795MHz)

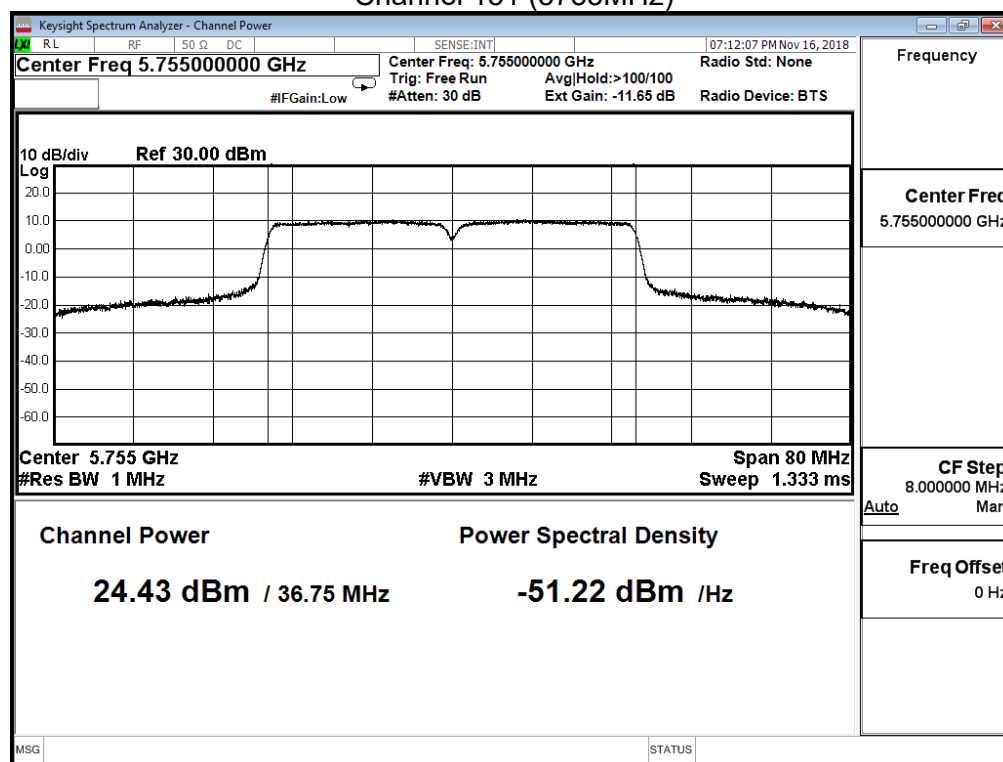


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/16	Test Site	SR10-H

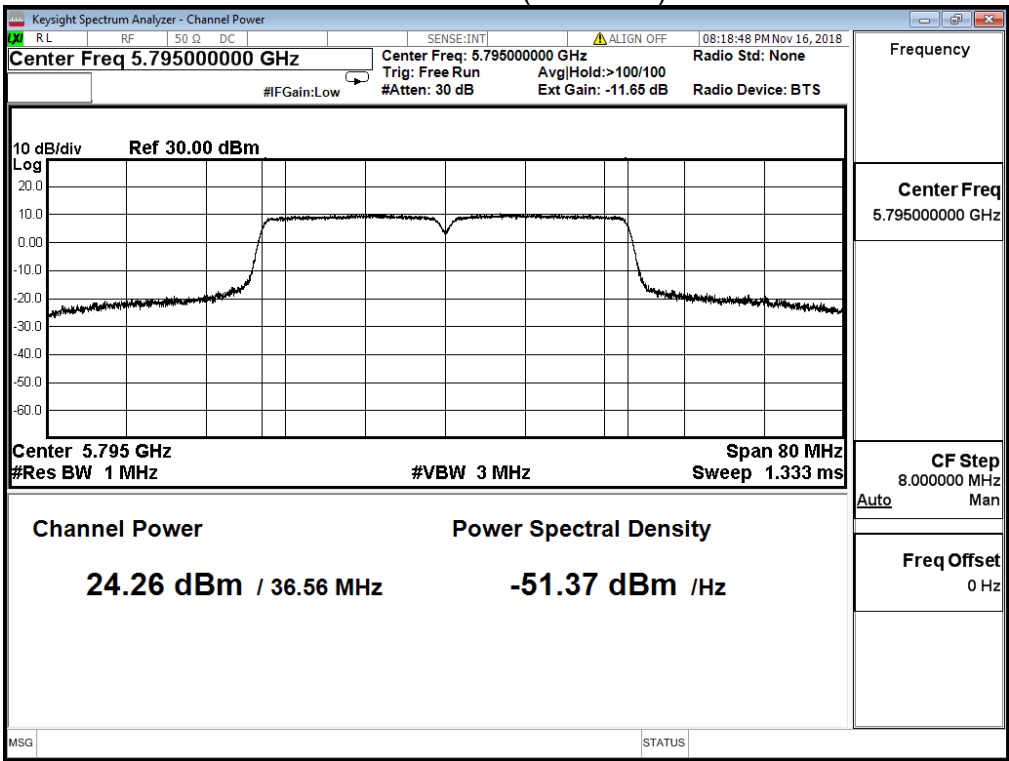
IEEE802.11ac(40MHz)(ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	24.430	≤ 30
159	5795	24.260	≤ 30

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/16	Test Site	SR10-H

IEEE802.11ac(40MHz)(ANT 0+1+2+3)

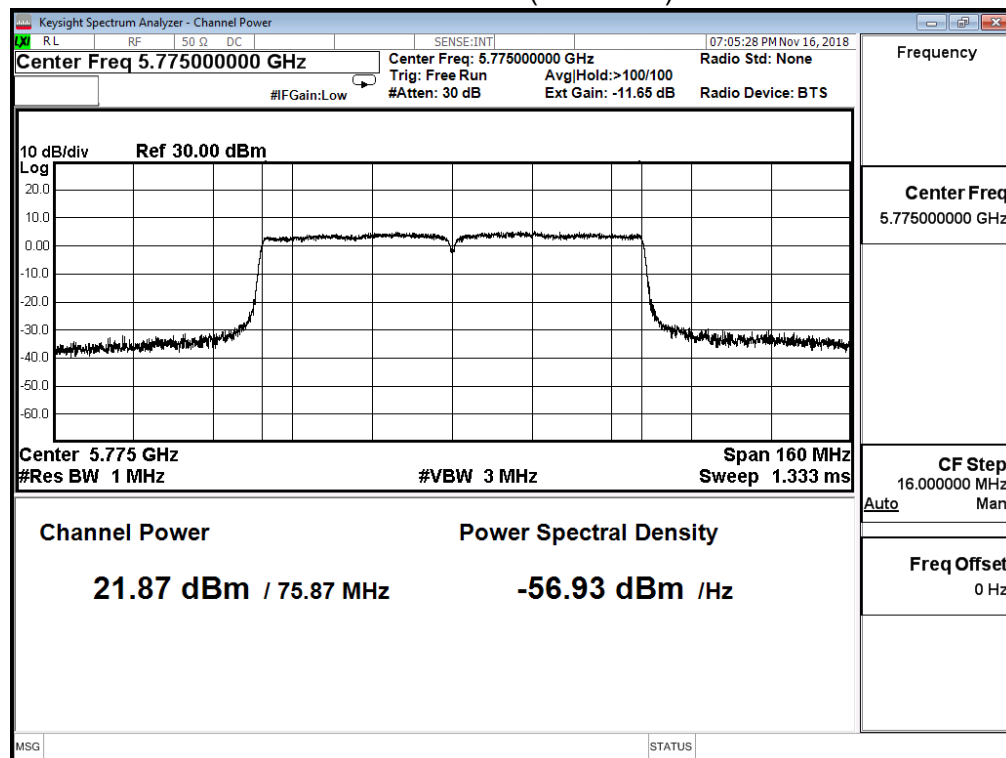
Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	29.940	≤ 30
159	5795	29.940	≤ 30

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/16	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	21.870	≤ 30

Channel 155 (5775MHz)

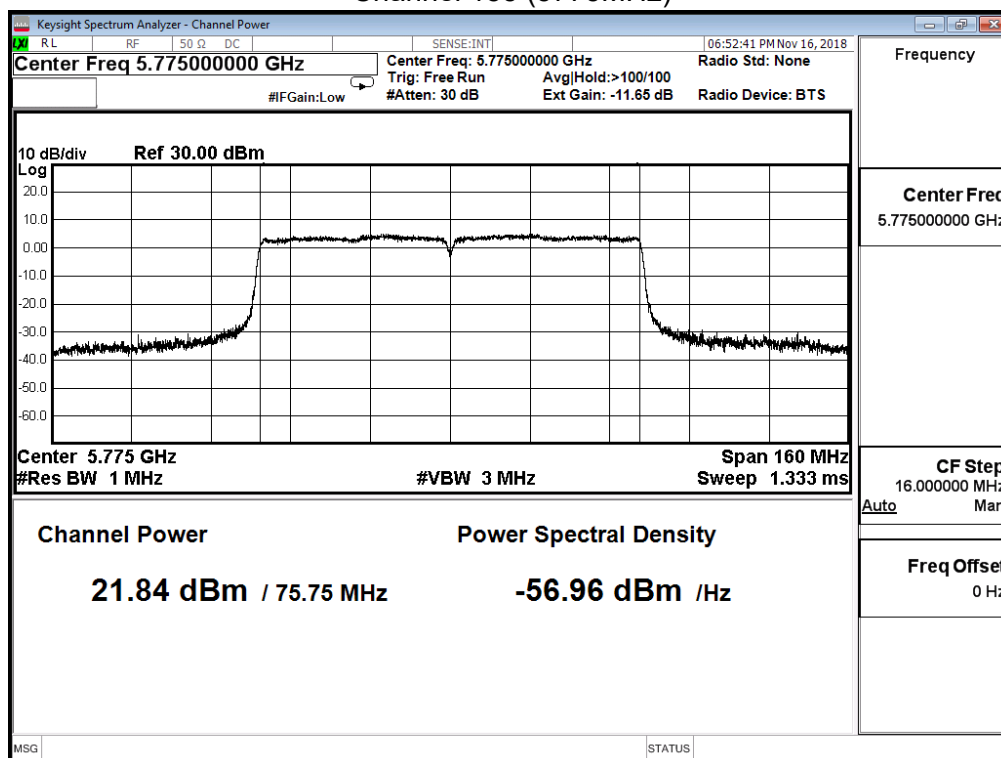


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/16	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	21.840	≤ 30

Channel 155 (5775MHz)

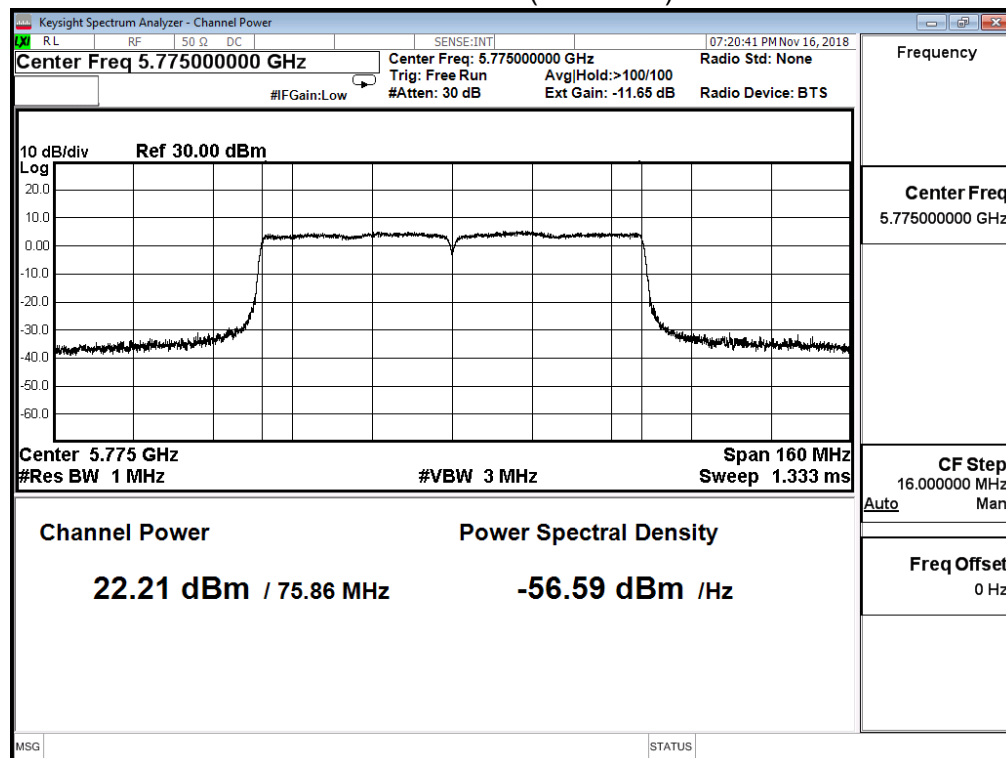


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/16	Test Site	SR10-H

IEEE802.11ac(80MHz)(ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	22.210	≤ 30

Channel 155 (5775MHz)

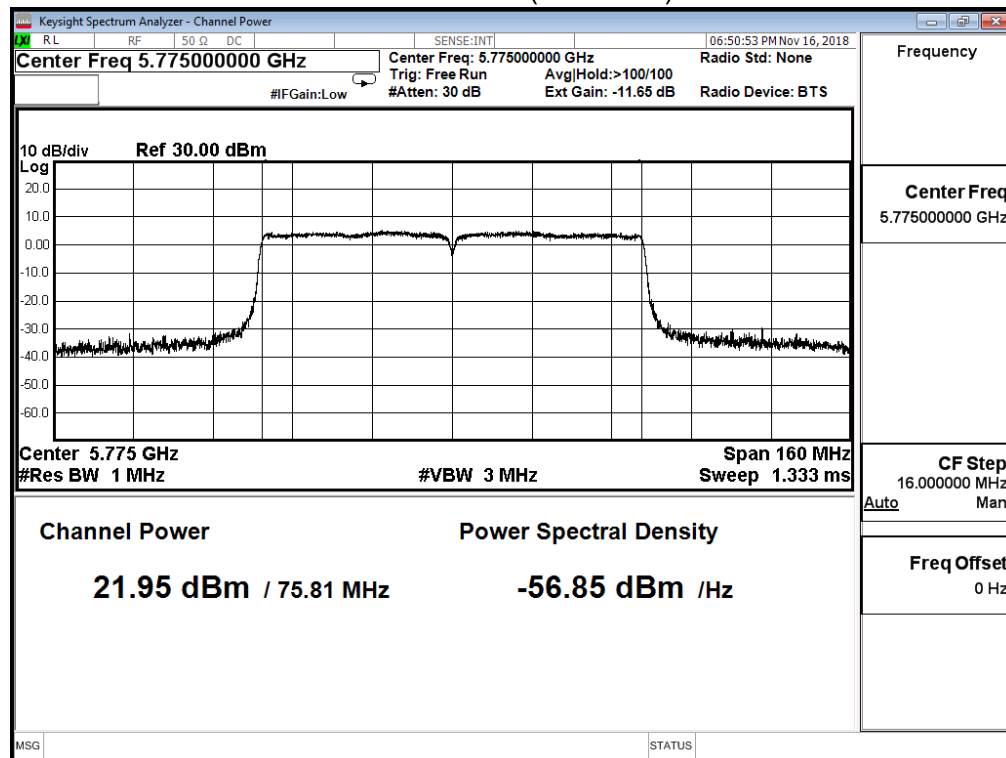


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/16	Test Site	SR10-H

IEEE802.11ac(80MHz)(ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	21.950	≤ 30

Channel 155 (5775MHz)



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum conducted output power		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/16	Test Site	SR10-H

IEEE802.11ac(80MHz)(ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	27.990	≤ 30