

Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

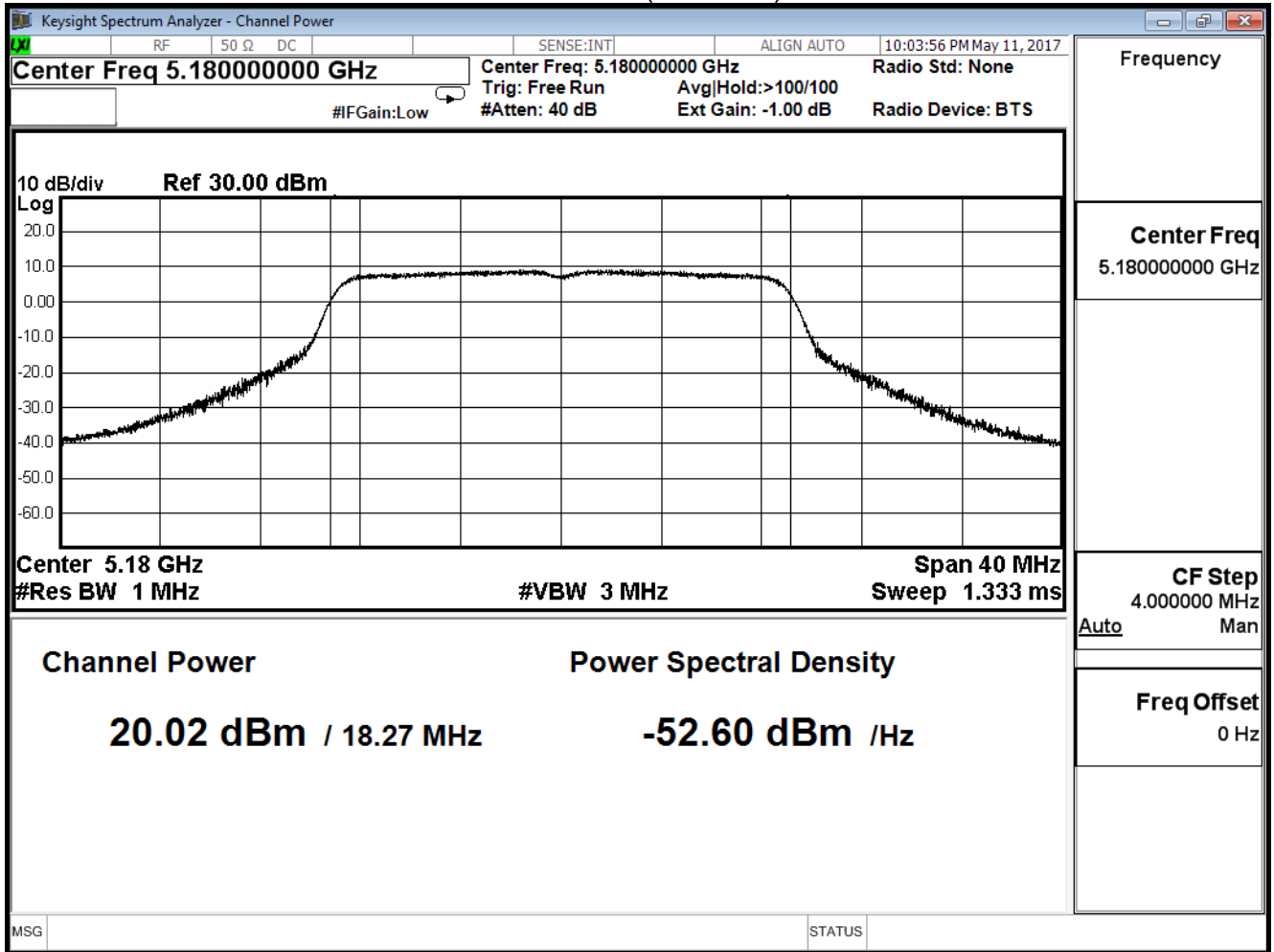
## IEEE 802.11n(20MHz)(ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
36	5180	20.02	$\leq 30$
44	5220	20.37	$\leq 30$
48	5240	20.34	$\leq 30$

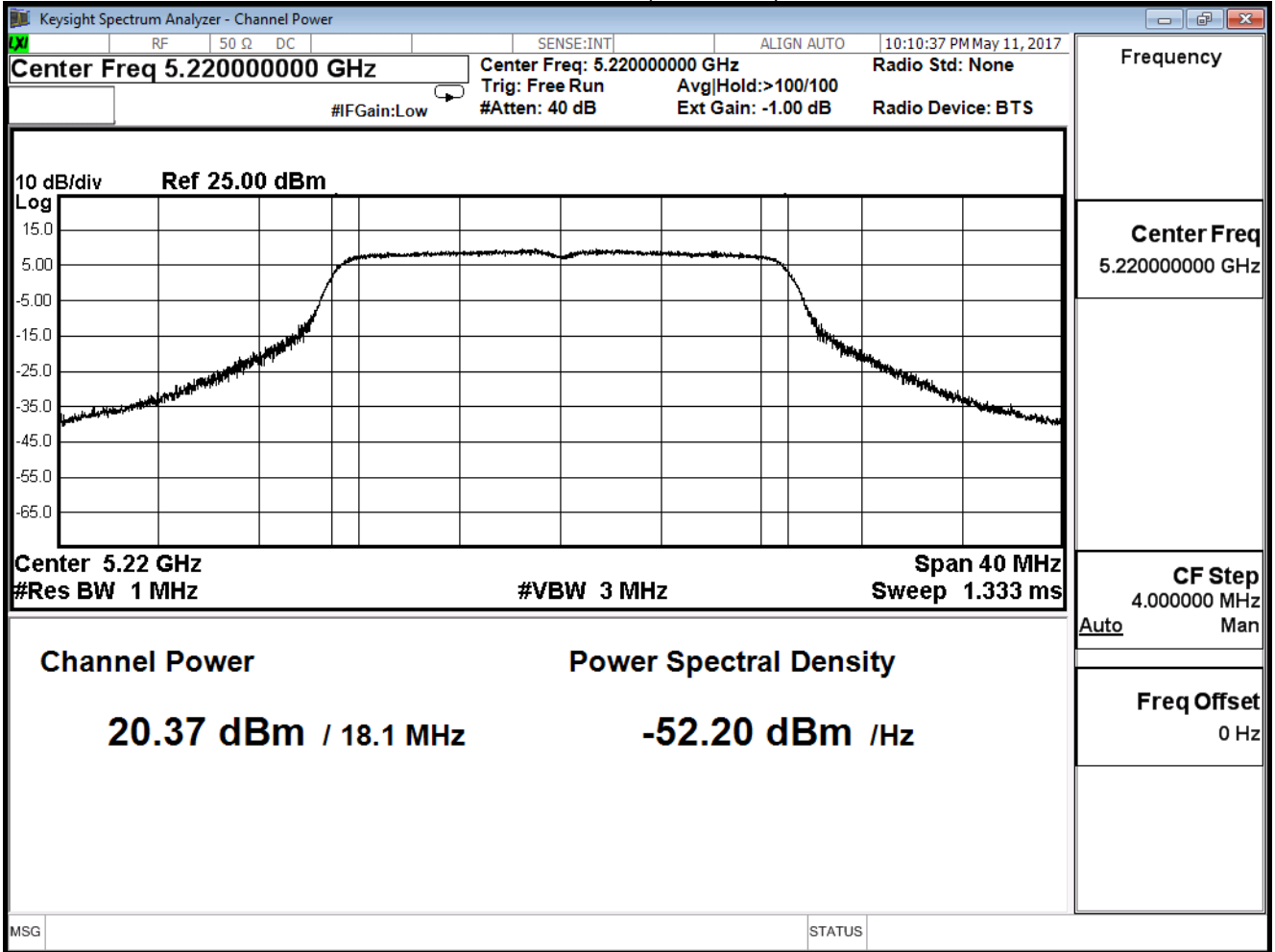
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit
		24	25	26	27	28	29	30	31	
36	5180	20.02	--	--	--	--	--	--	--	$\leq 30\text{dBm}$
44	5220	20.37	20.30	20.23	20.17	20.11	20.02	19.92	19.81	
48	5240	20.34	--	--	--	--	--	--	--	

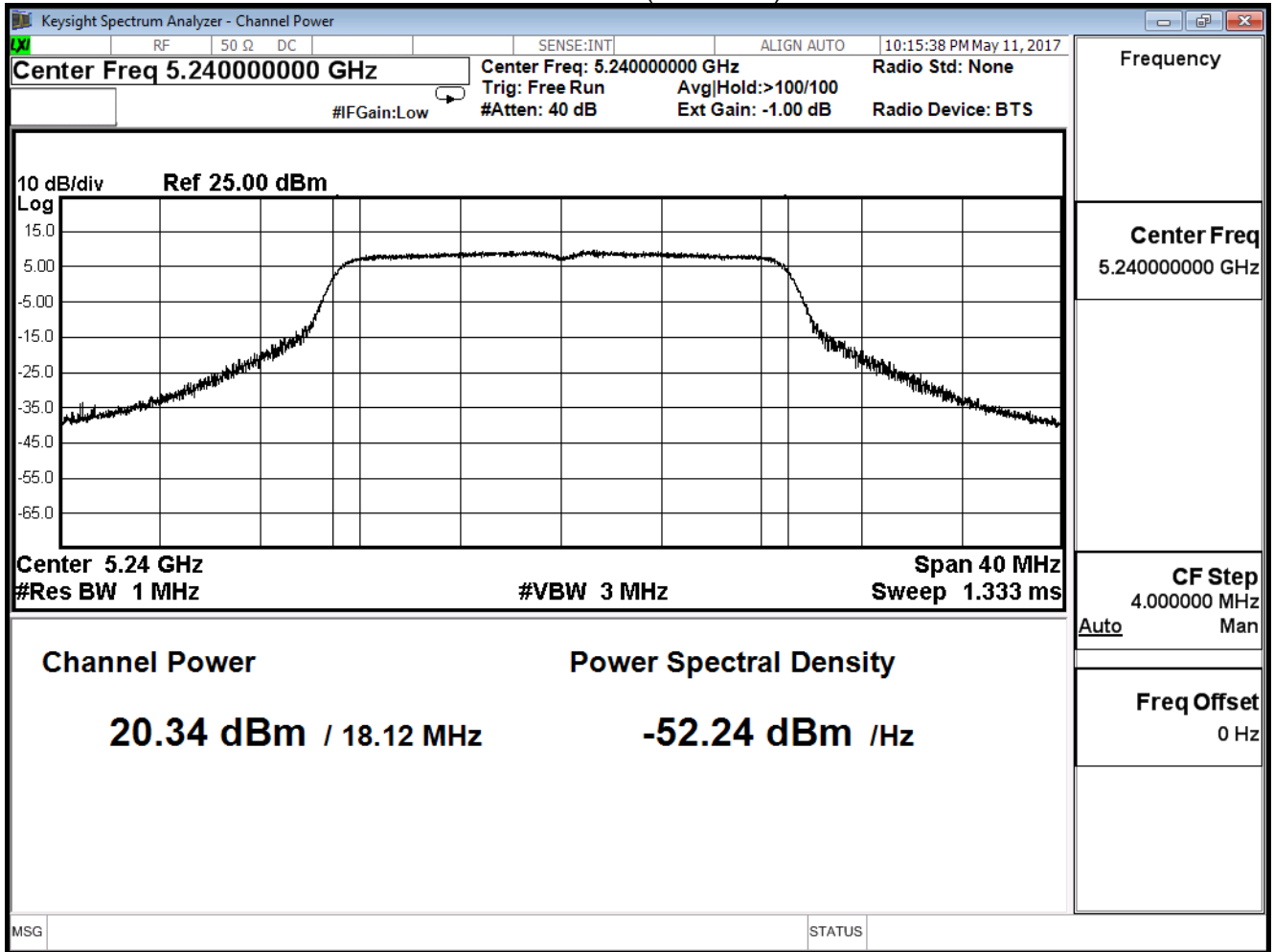
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
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Date of Test	2017/05/11	Test Site	SR10-H

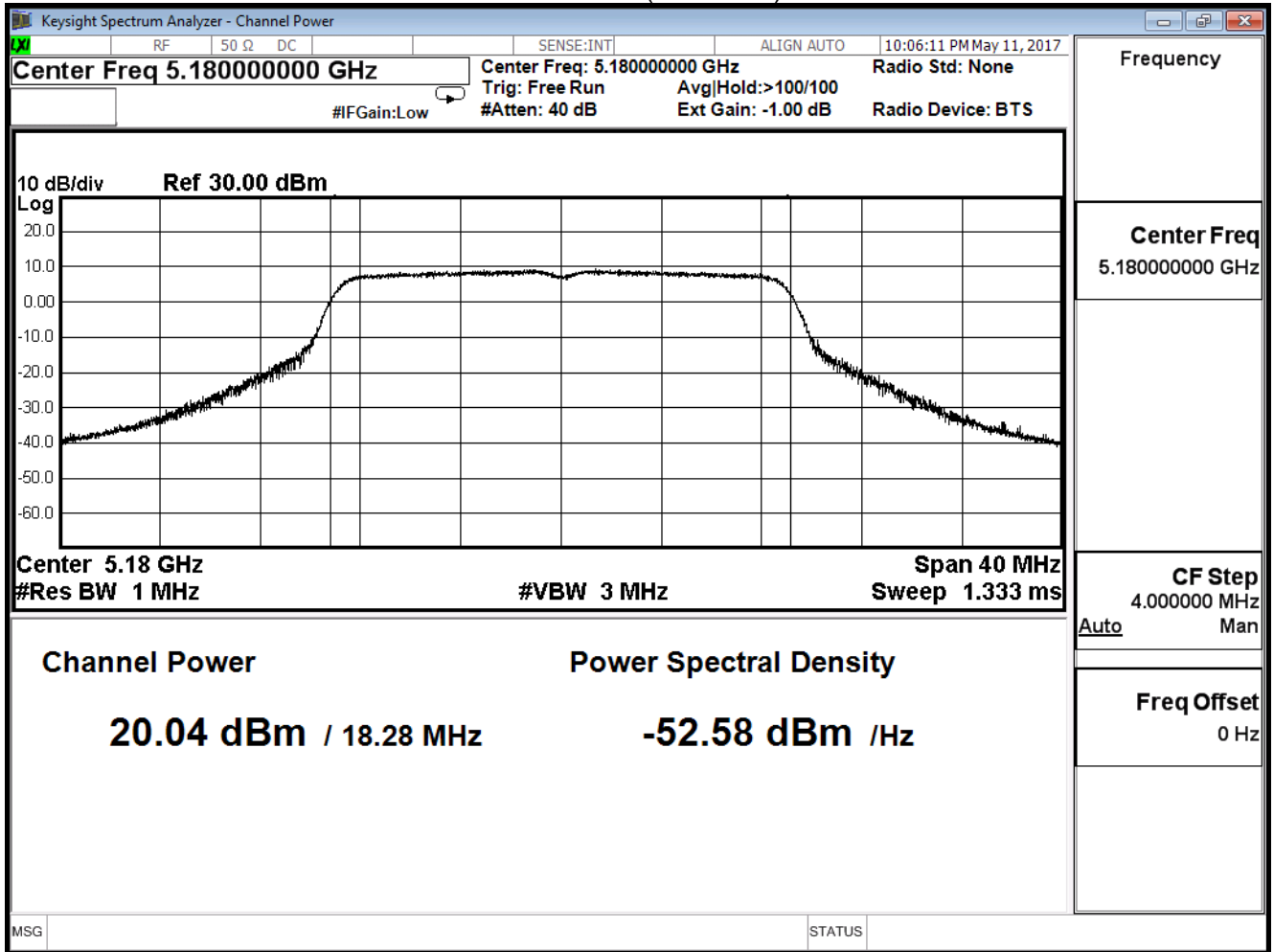
## IEEE 802.11n(20MHz)(ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
36	5180	20.04	$\leq 30$
44	5220	20.32	$\leq 30$
48	5240	20.33	$\leq 30$

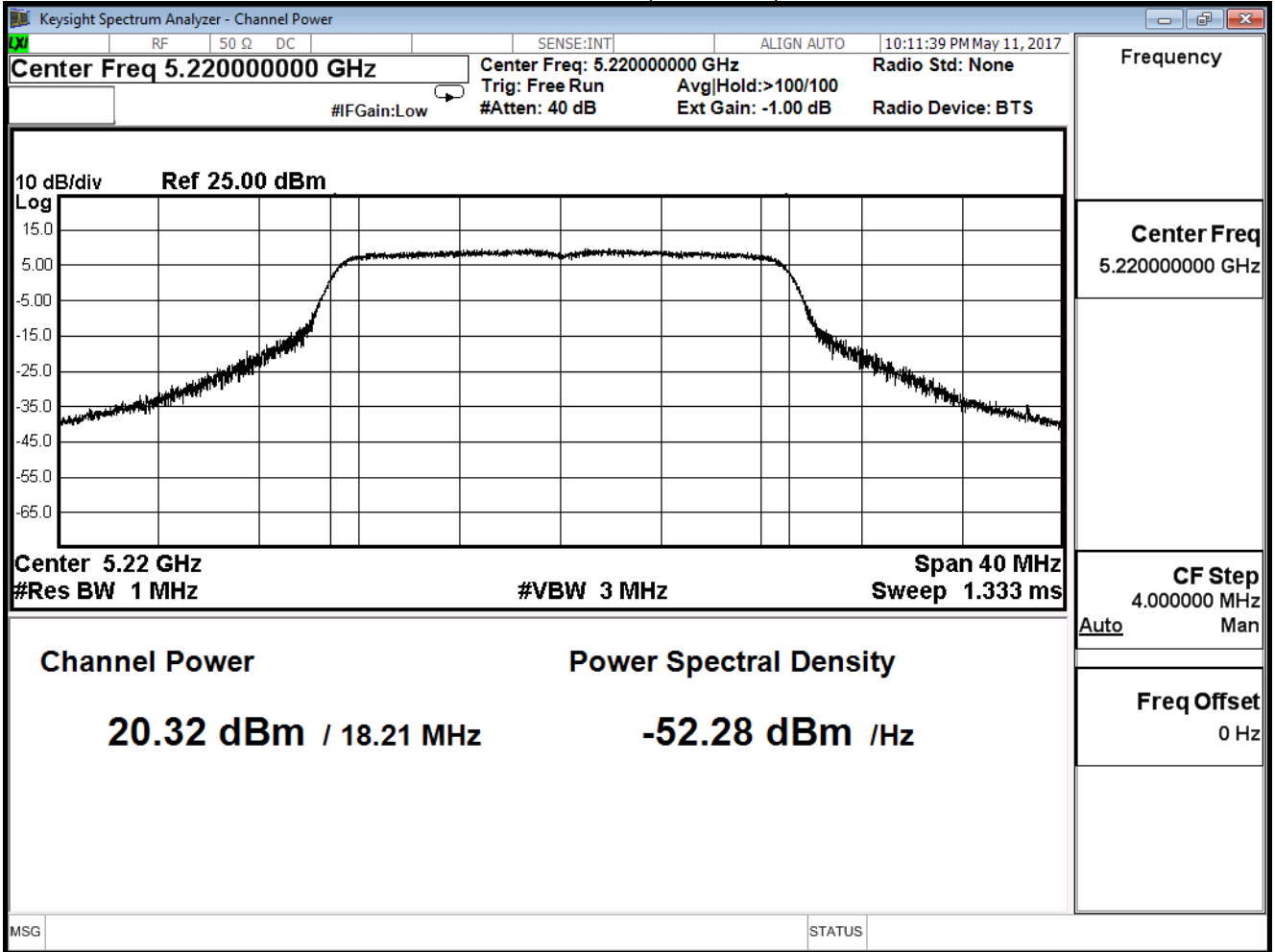
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit
		24	25	26	27	28	29	30	31	
36	5180	20.02	--	--	--	--	--	--	--	$\leq 30$ dBm
44	5220	20.37	20.30	20.23	20.17	20.11	20.02	19.92	19.81	
48	5240	20.34	--	--	--	--	--	--	--	

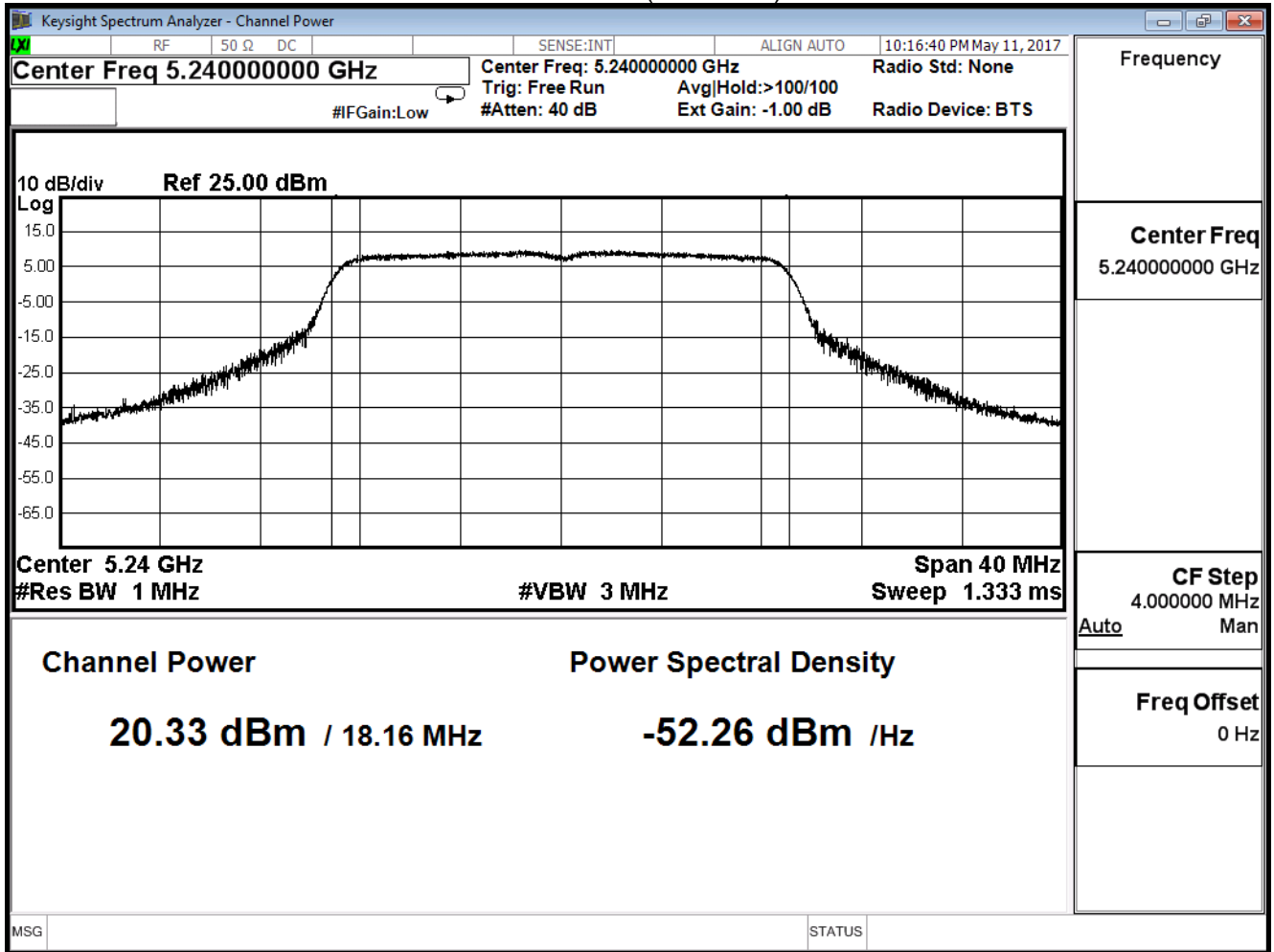
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)





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Date of Test	2017/05/11	Test Site	SR10-H

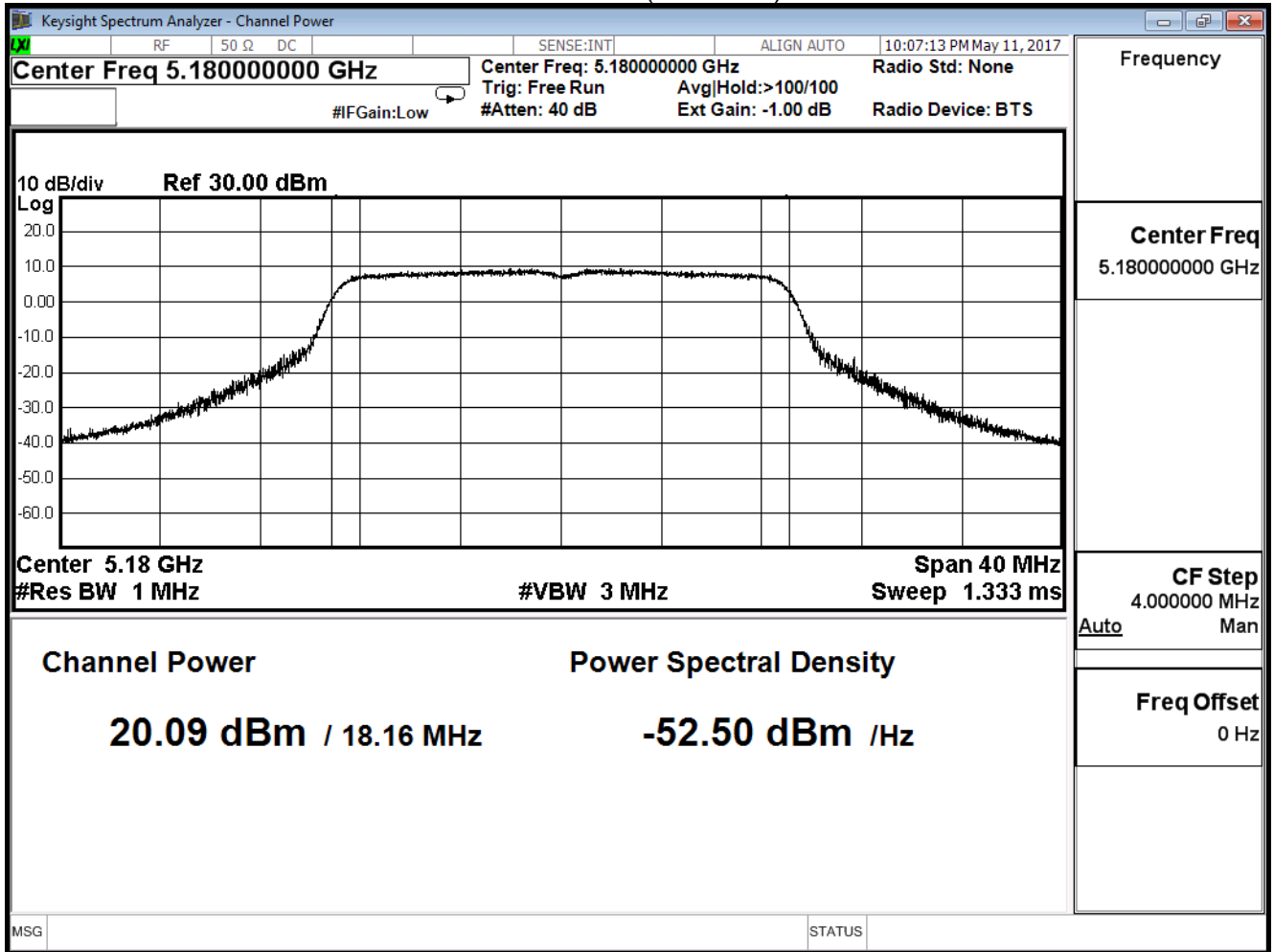
## IEEE 802.11n(20MHz)(ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
36	5180	20.09	≤ 30
44	5220	20.36	≤ 30
48	5240	20.32	≤ 30

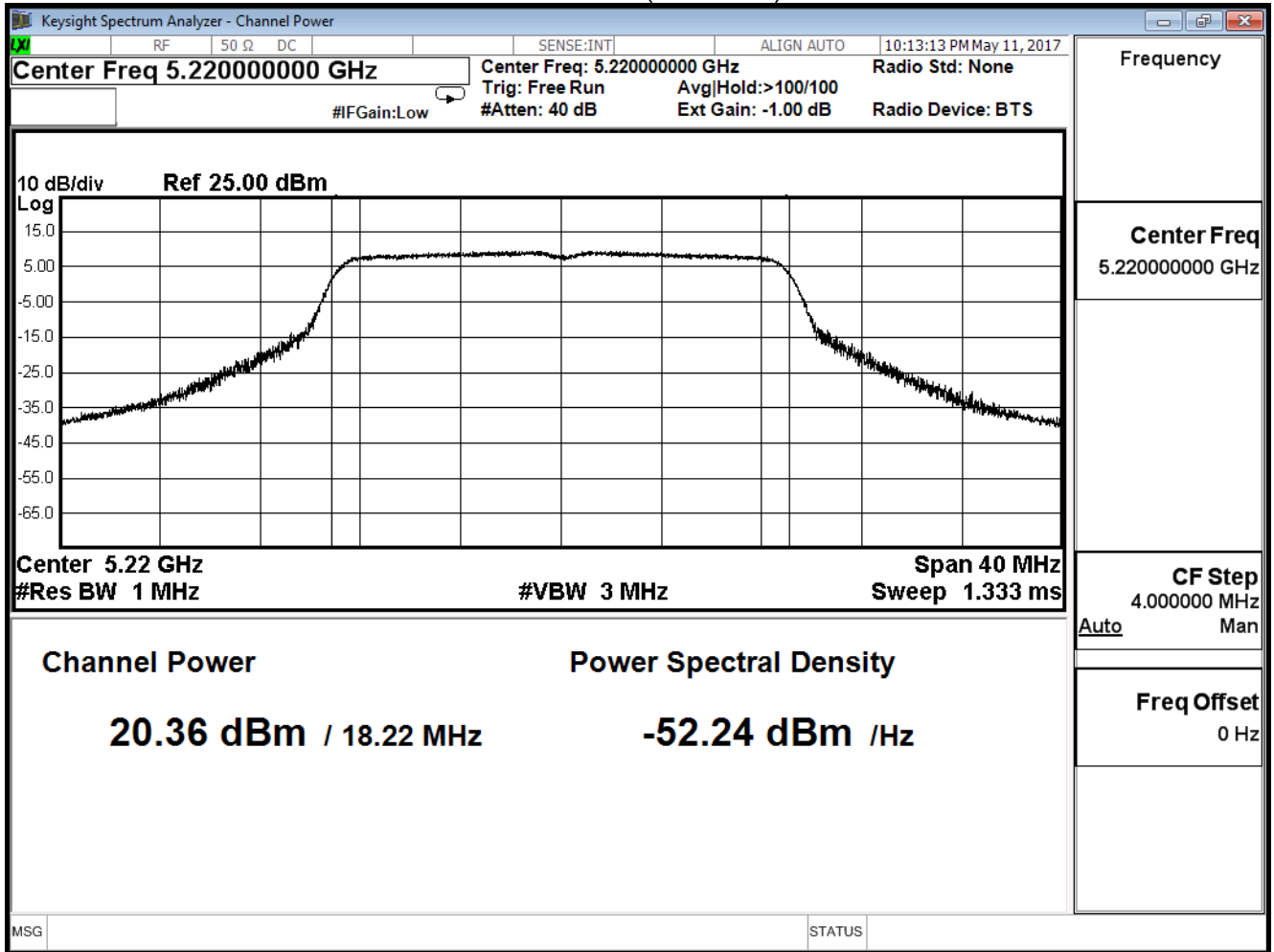
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit
		24	25	26	27	28	29	30	31	
36	5180	20.09	--	--	--	--	--	--	--	≤30dBm
44	5220	20.36	20.30	20.21	20.13	20.01	19.88	19.79	19.20	
48	5240	20.32	--	--	--	--	--	--	--	

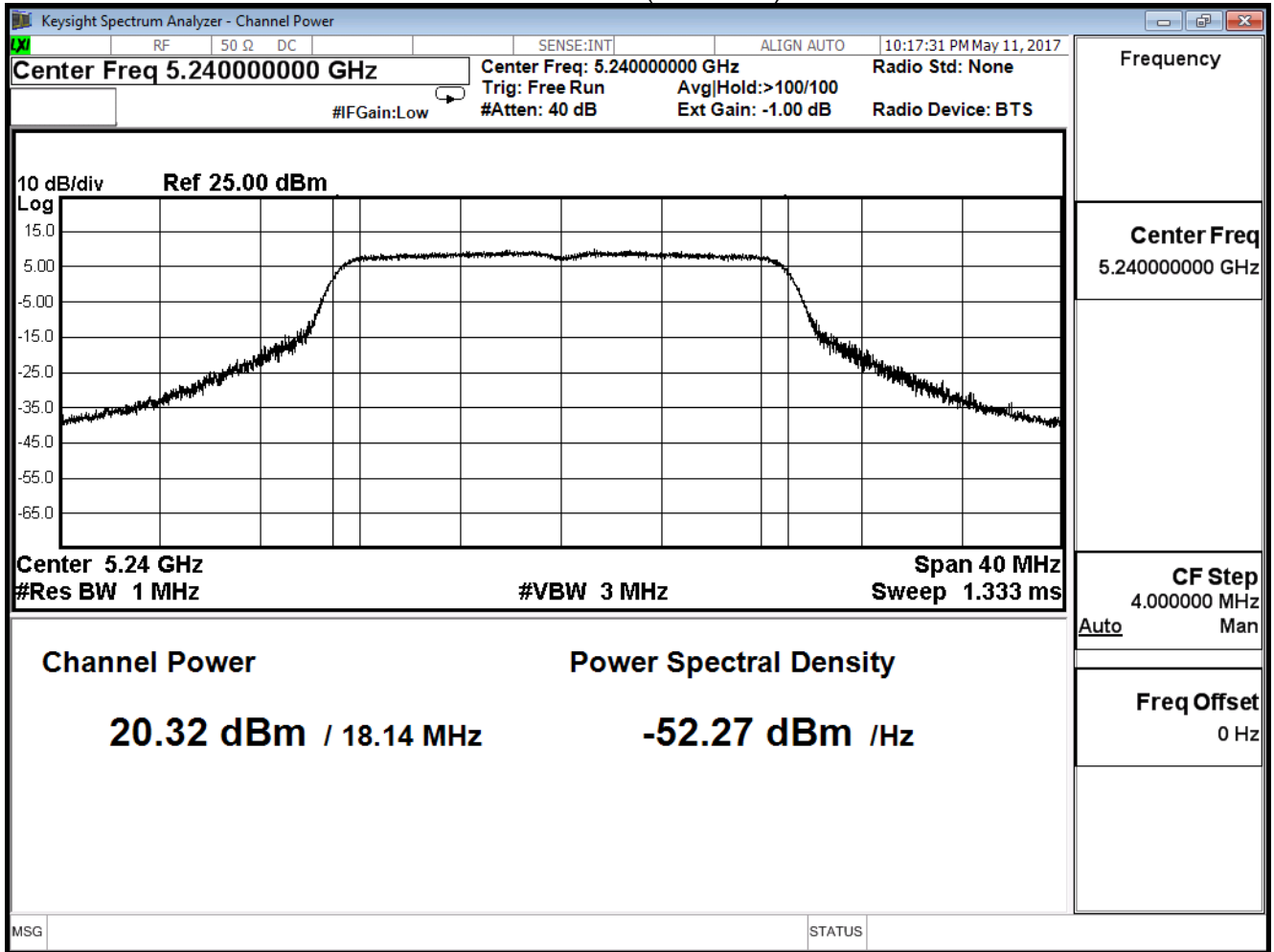
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

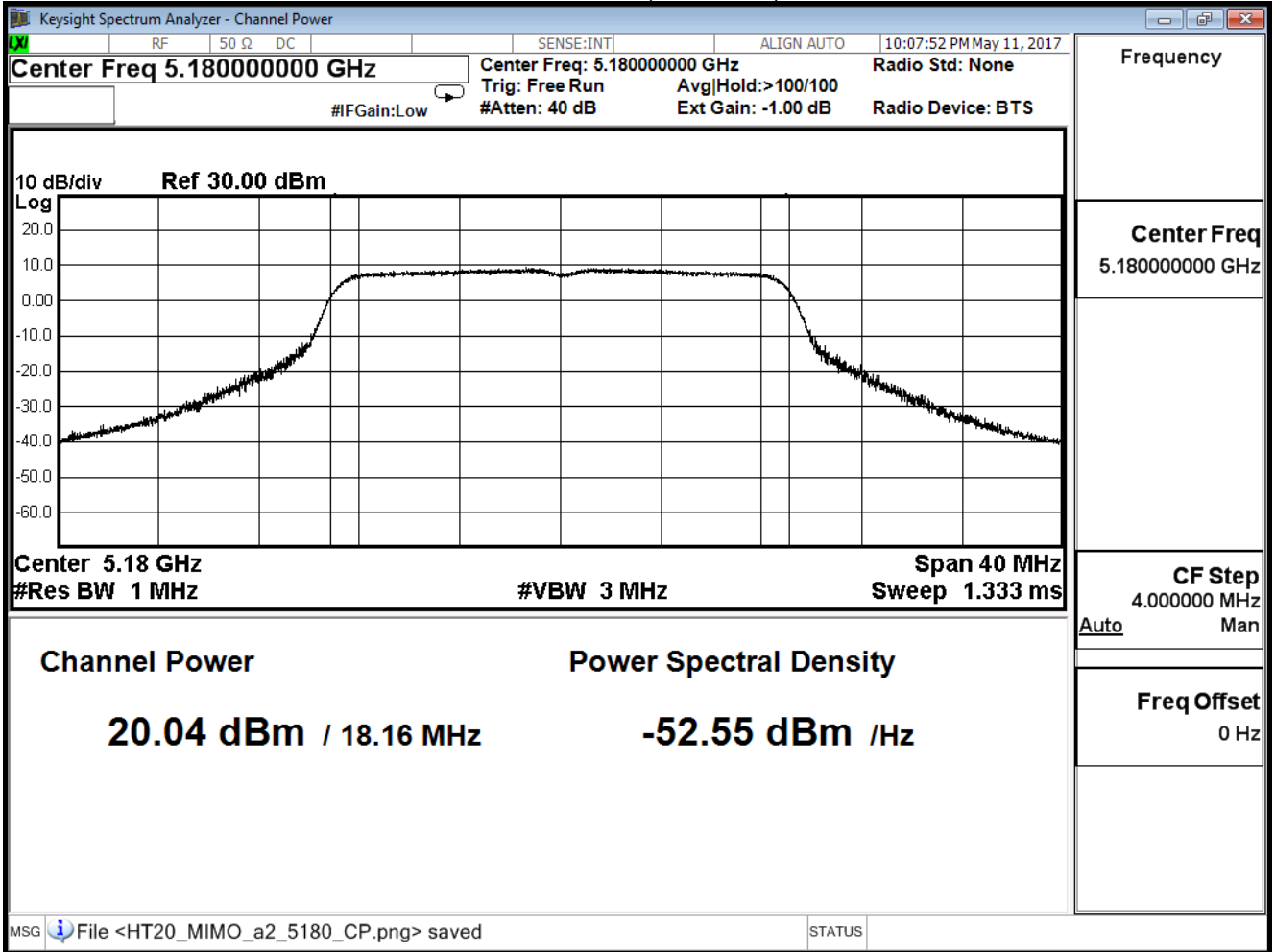
IEEE 802.11n(20MHz)(ANT3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
36	5180	20.04	≤ 30
44	5220	20.35	≤ 30
48	5240	20.34	≤ 30

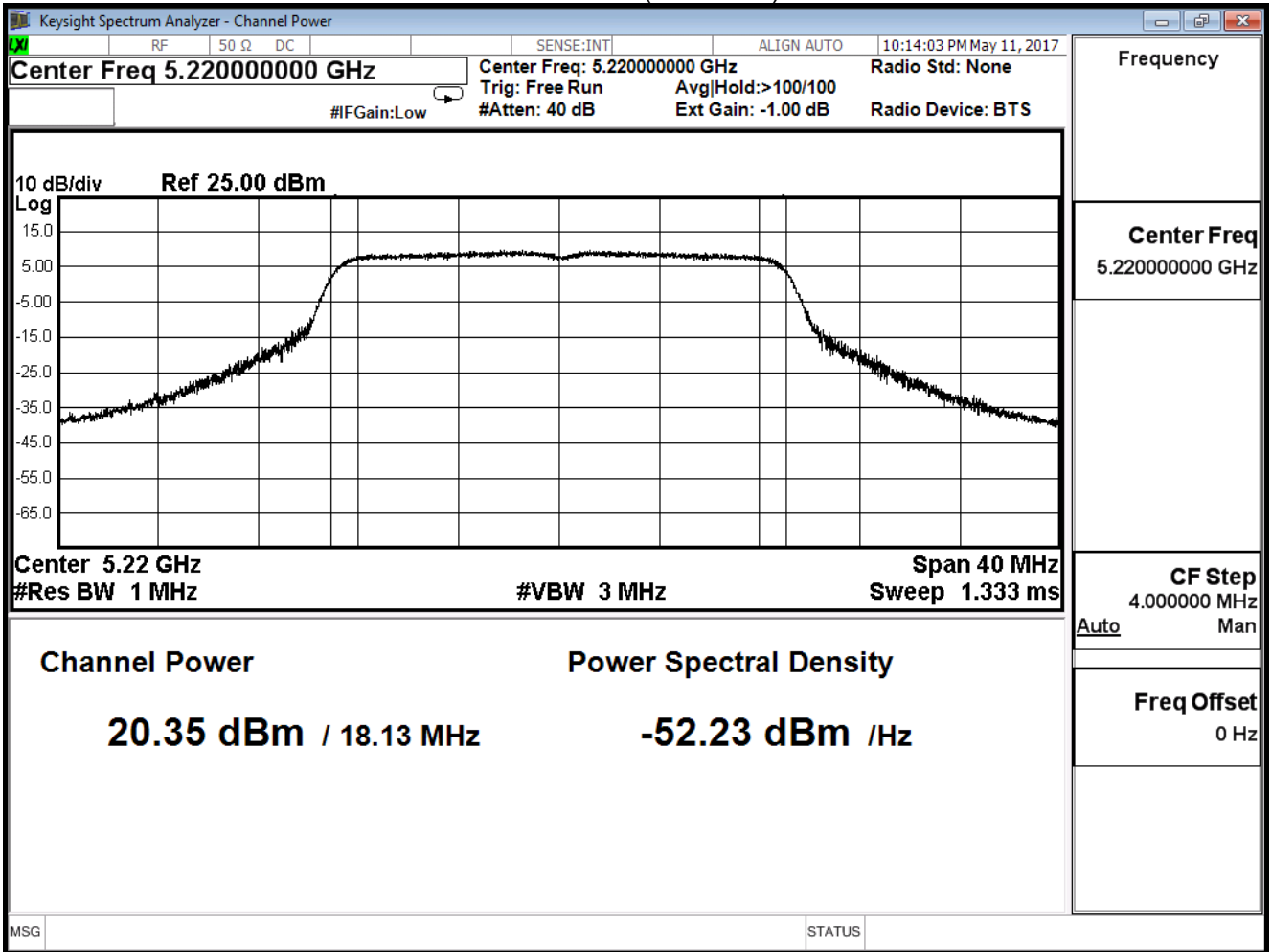
The worst emission of data rate is 24 Mbps.

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit
		24	25	26	27	28	29	30	31	
36	5180	20.04	--	--	--	--	--	--	--	≤30dBm
44	5220	20.35	20.23	20.11	20.01	19.89	19.77	19.62	19.44	
48	5240	20.34	--	--	--	--	--	--	--	

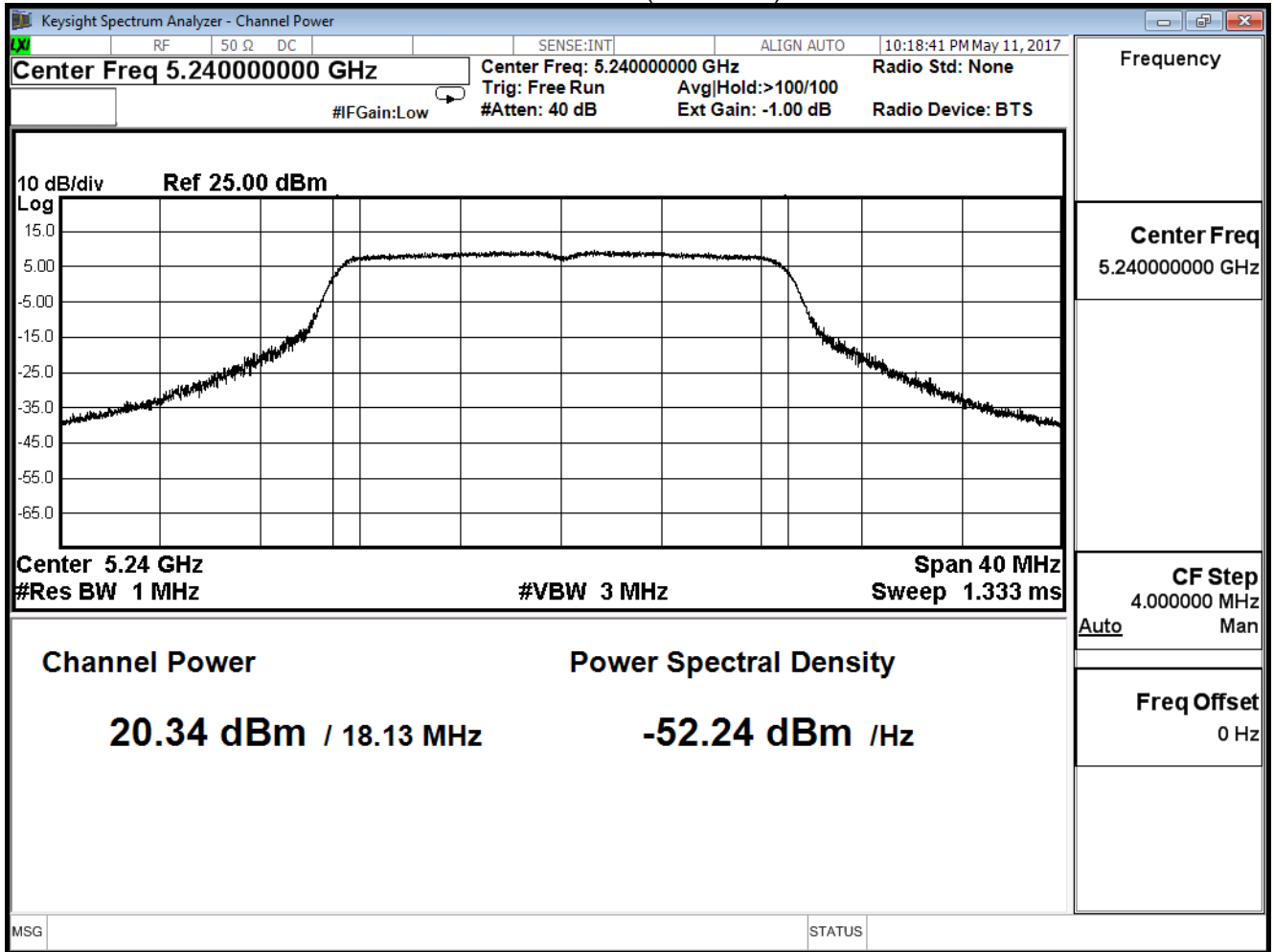
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)





Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
36	5180	26.07	$\leq 30$
44	5220	26.37	$\leq 30$
48	5240	26.35	$\leq 30$

Product	Wireless-AC2600 Dual Band Gigabit Router		
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Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

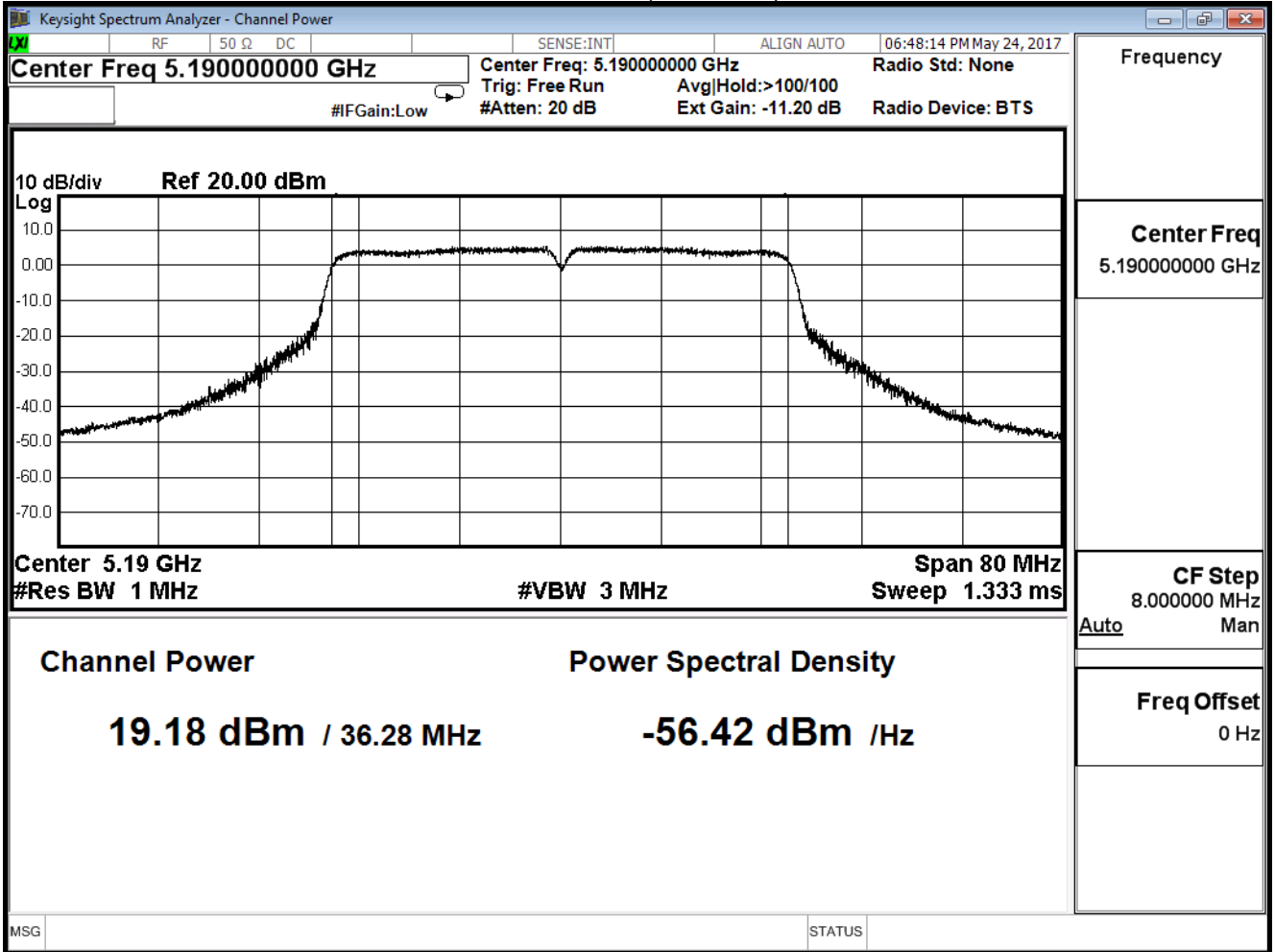
## IEEE 802.11n(40MHz)(ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
38	5190	19.18	$\leq 30$
46	5230	20.67	$\leq 30$

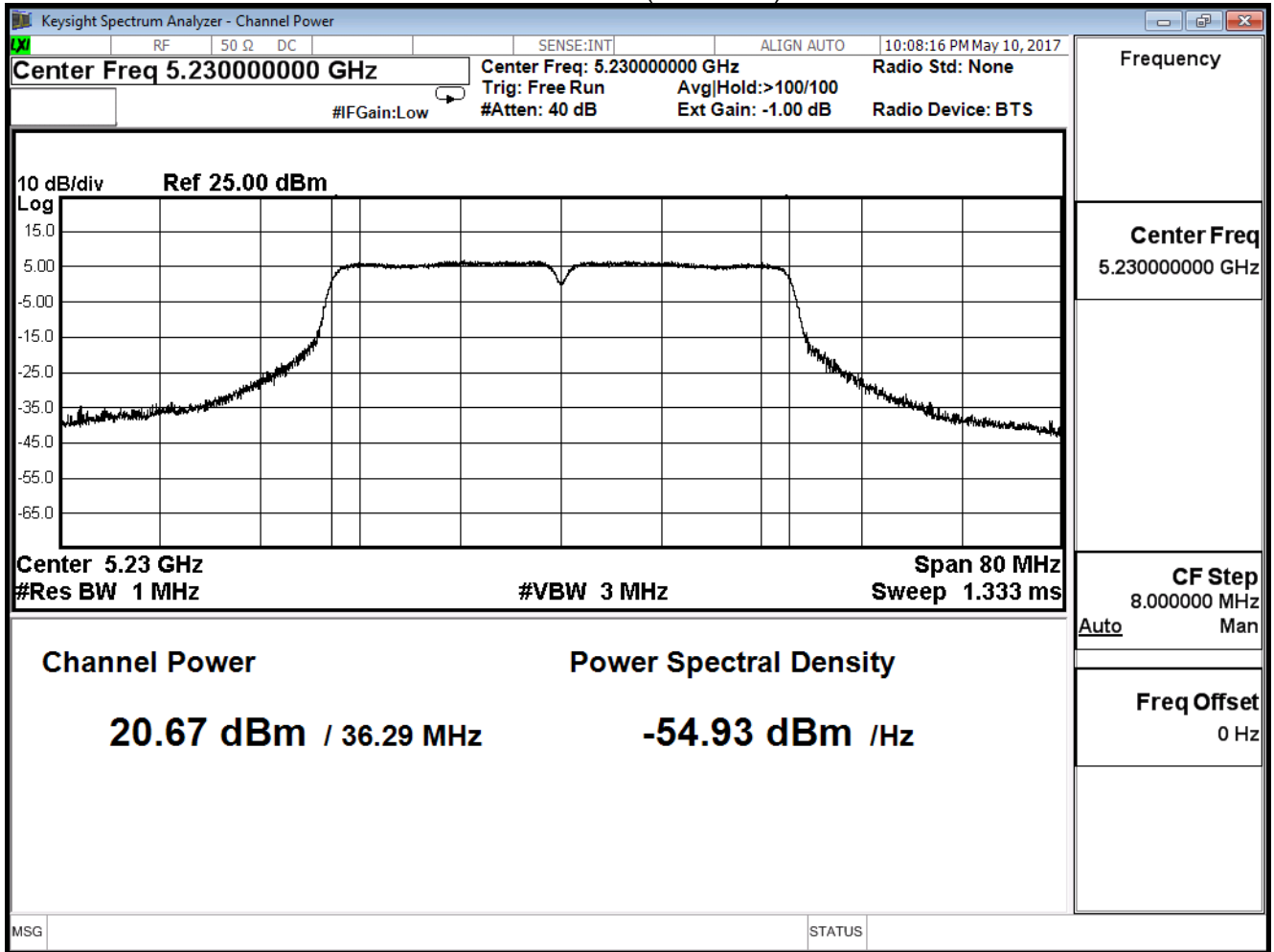
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit
		24	25	26	27	28	29	30	31	
38	5190	19.18	--	--	--	--	--	--	--	$\leq 30\text{dBm}$
46	5230	20.68	20.34	20.11	19.95	19.84	19.71	19.54	19.39	

Channel 38 (5190MHz)



Channel 46 (5230MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

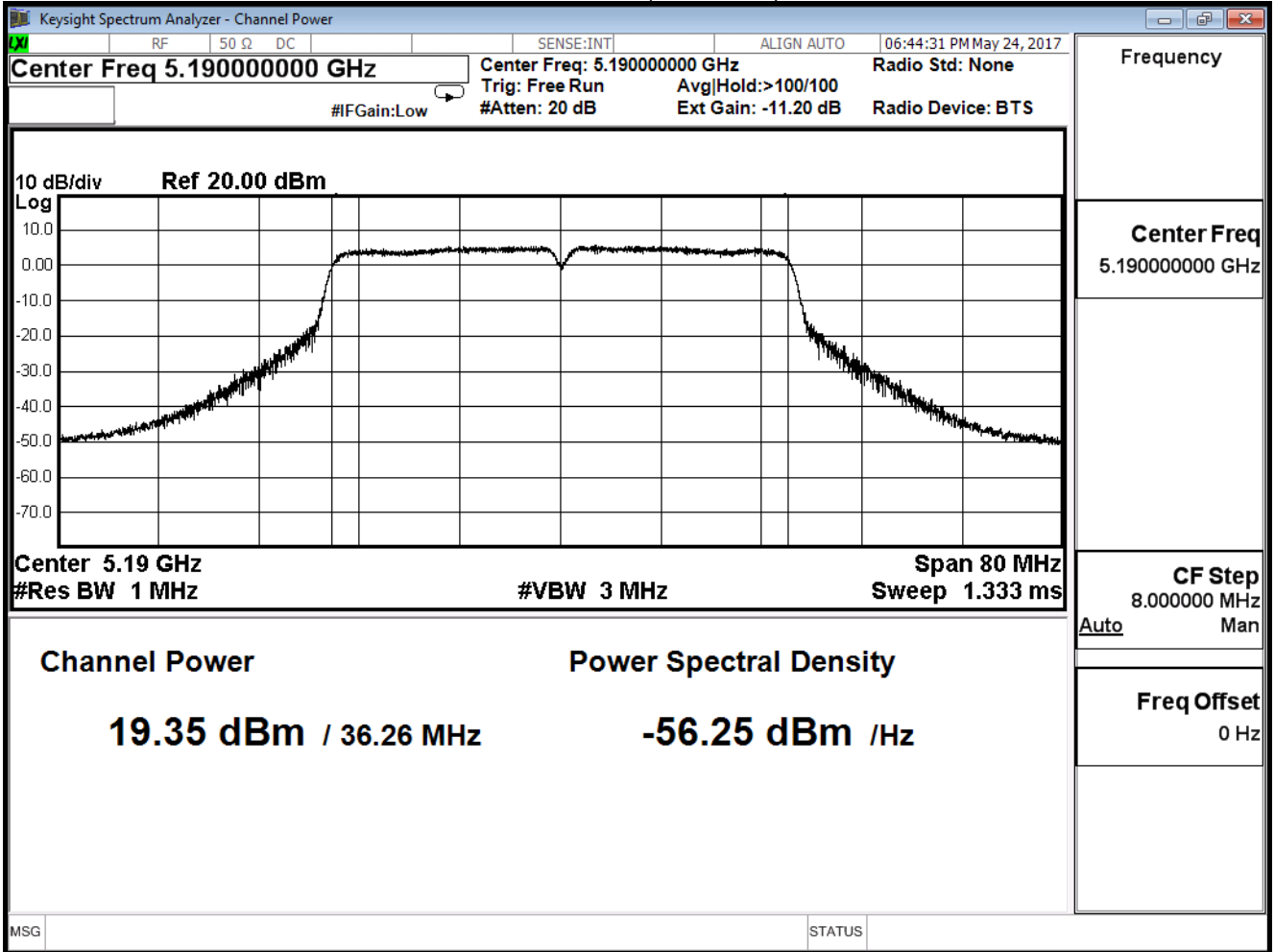
IEEE 802.11n(40MHz)(ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
38	5190	19.35	≤ 30
46	5230	20.63	≤ 30

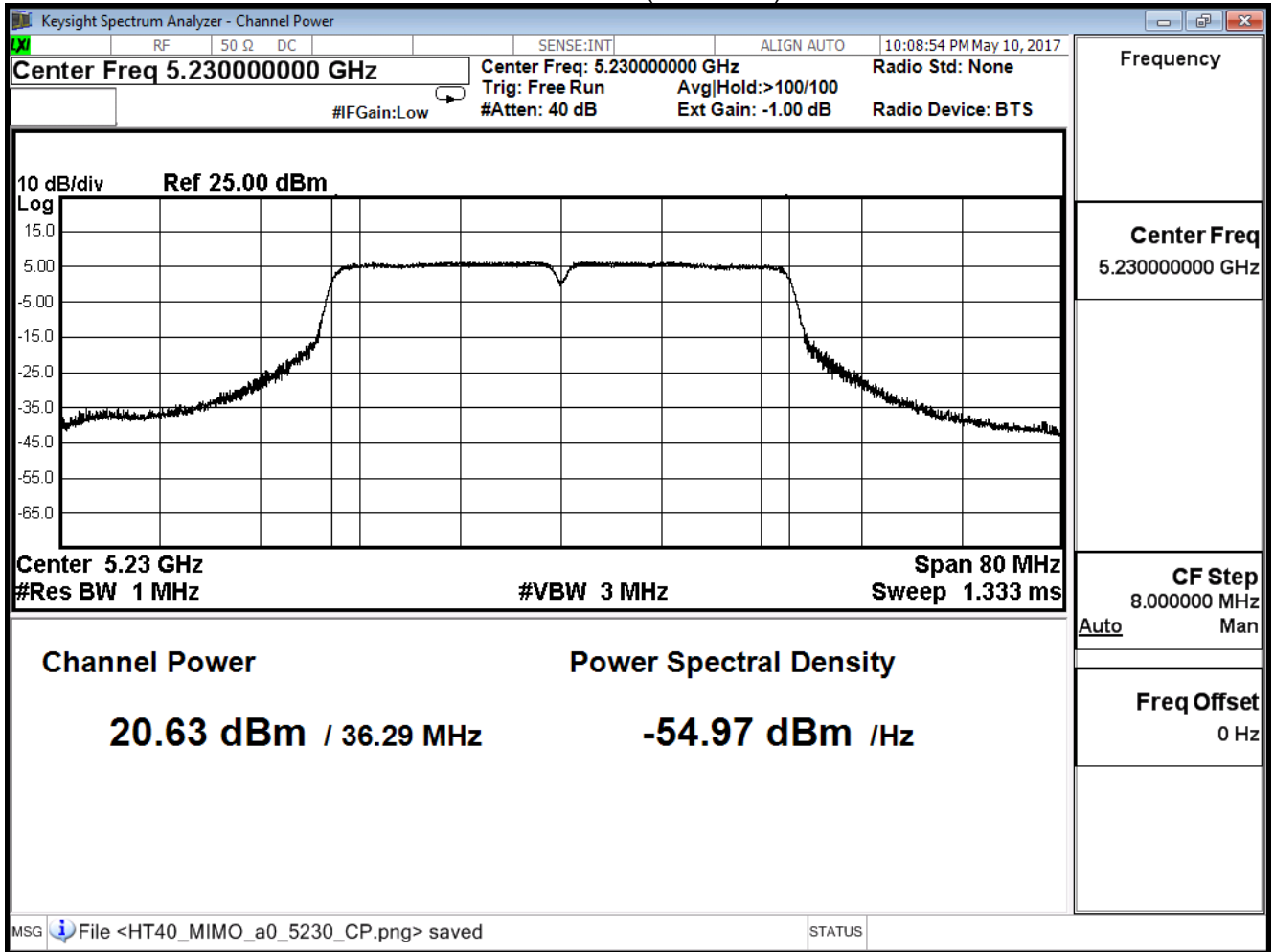
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit
		24	25	26	27	28	29	30	31	
38	5190	19.35	--	--	--	--	--	--	--	≤30dBm
46	5230	20.63	20.52	20.42	20.16	20.09	19.89	19.65	19.45	

Channel 38 (5190MHz)



Channel 46 (5230MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

IEEE 802.11n(40MHz)(ANT 2)

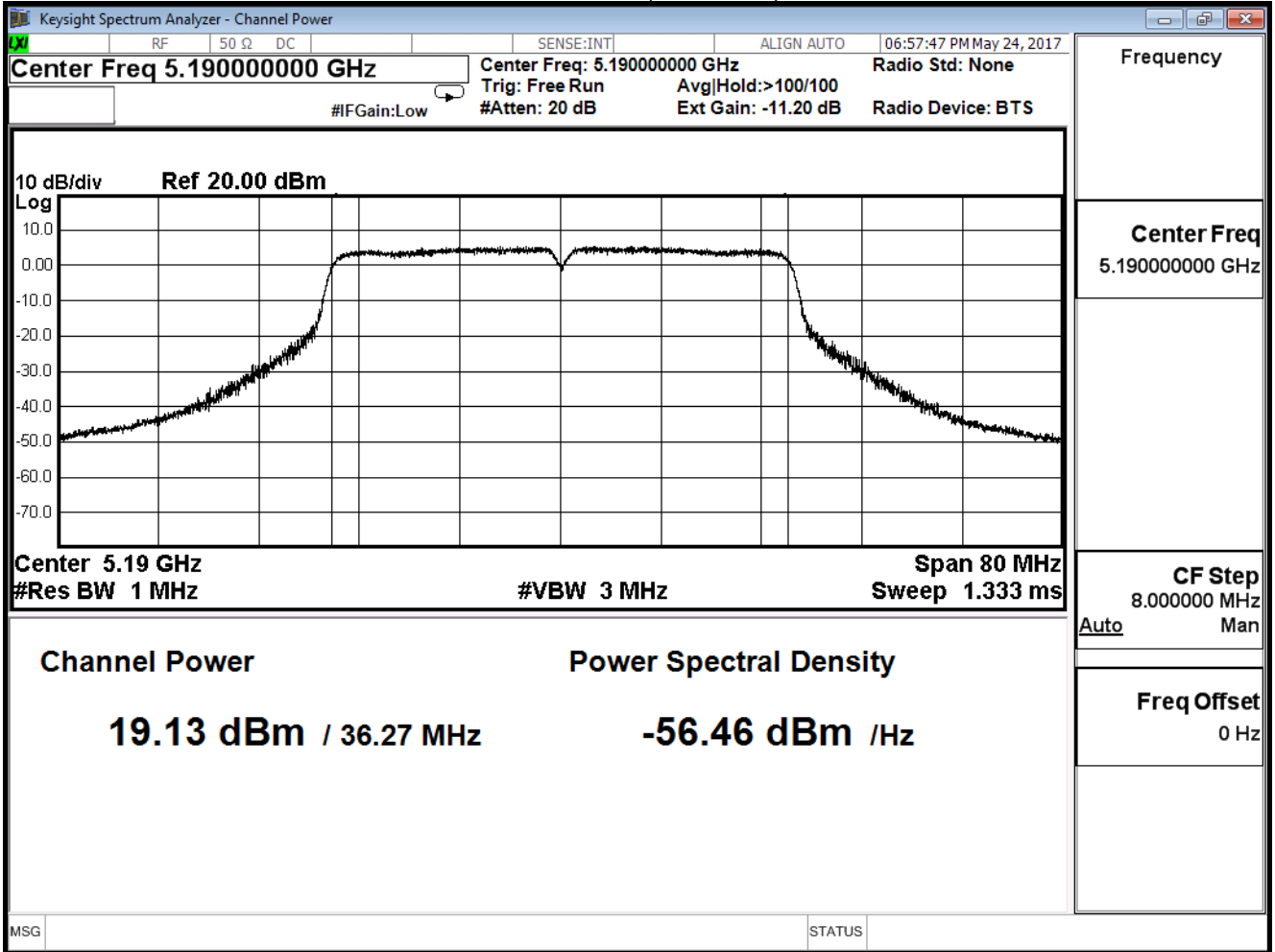
Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
38	5190	19.13	≤ 30
46	5230	20.62	≤ 30

The worst emission of data rate is MCS 24

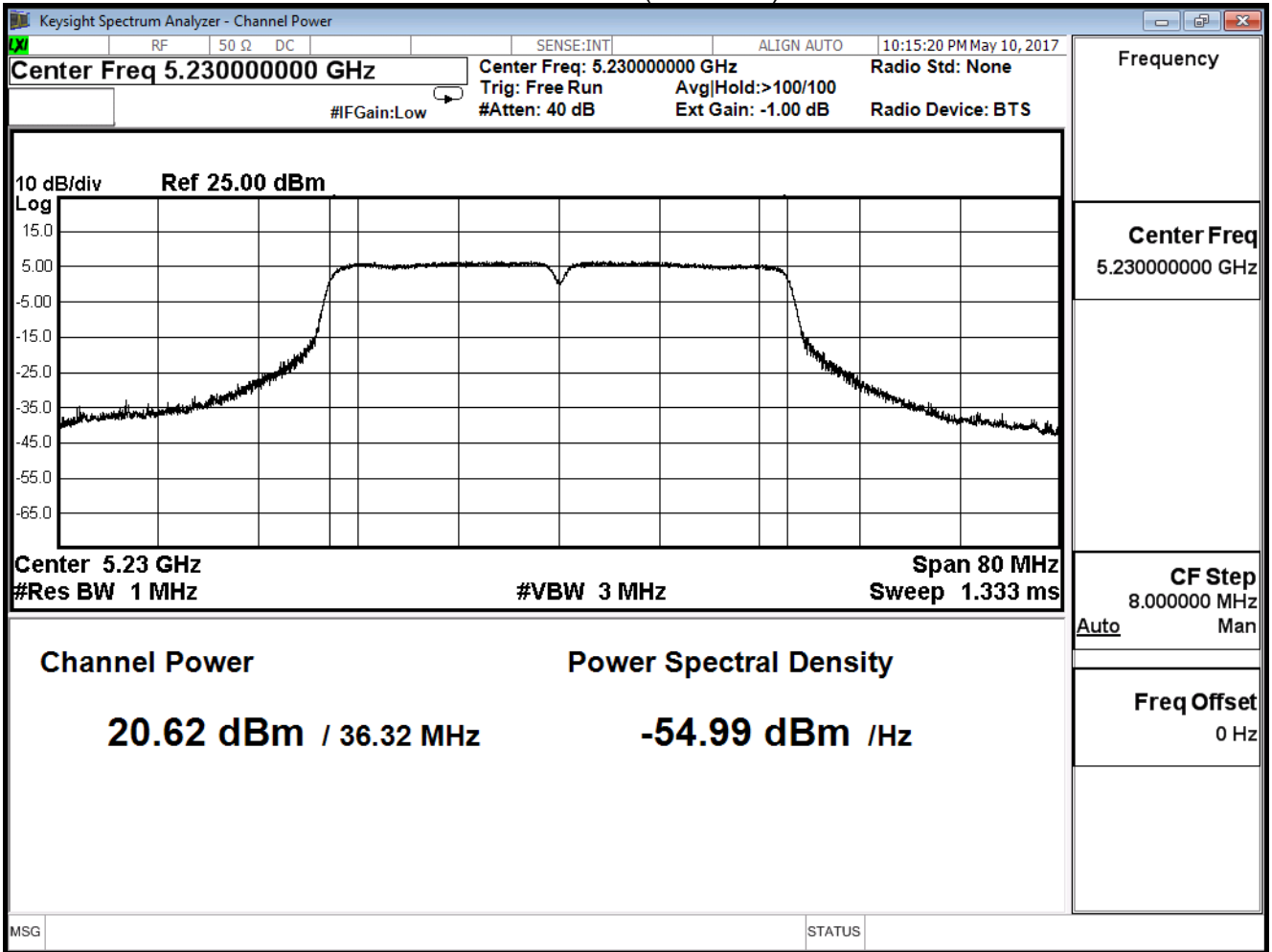
Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit
		24	25	26	27	28	29	30	31	
38	5190	19.13	--	--	--	--	--	--	--	≤30dBm
46	5230	20.62	20.23	20.09	19.88	19.54	19.23	19.09	18.89	



Channel 38 (5190MHz)



Channel 46 (5230MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

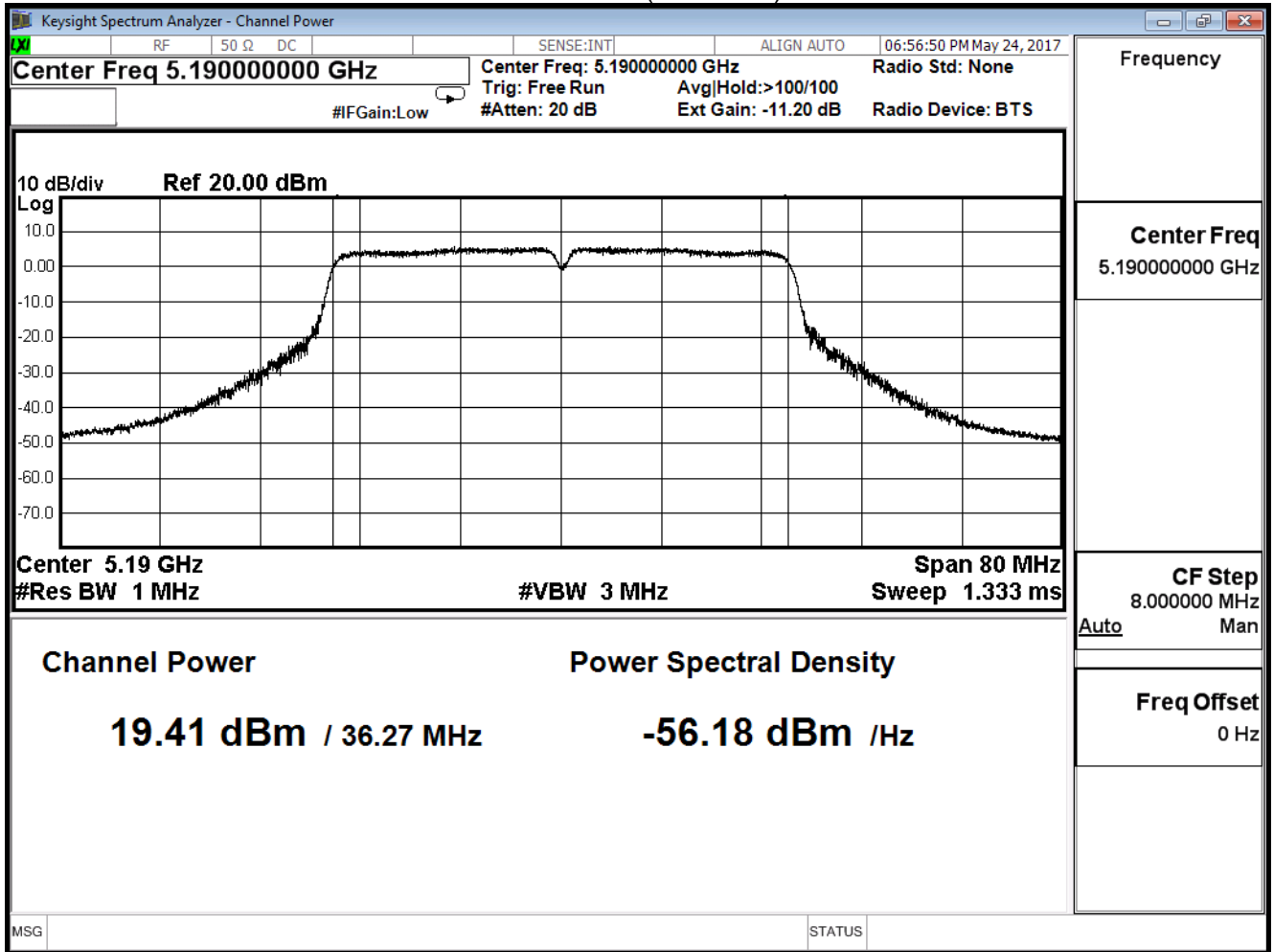
IEEE 802.11n(40MHz)(ANT 3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
38	5190	19.41	≤ 30
46	5230	20.60	≤ 30

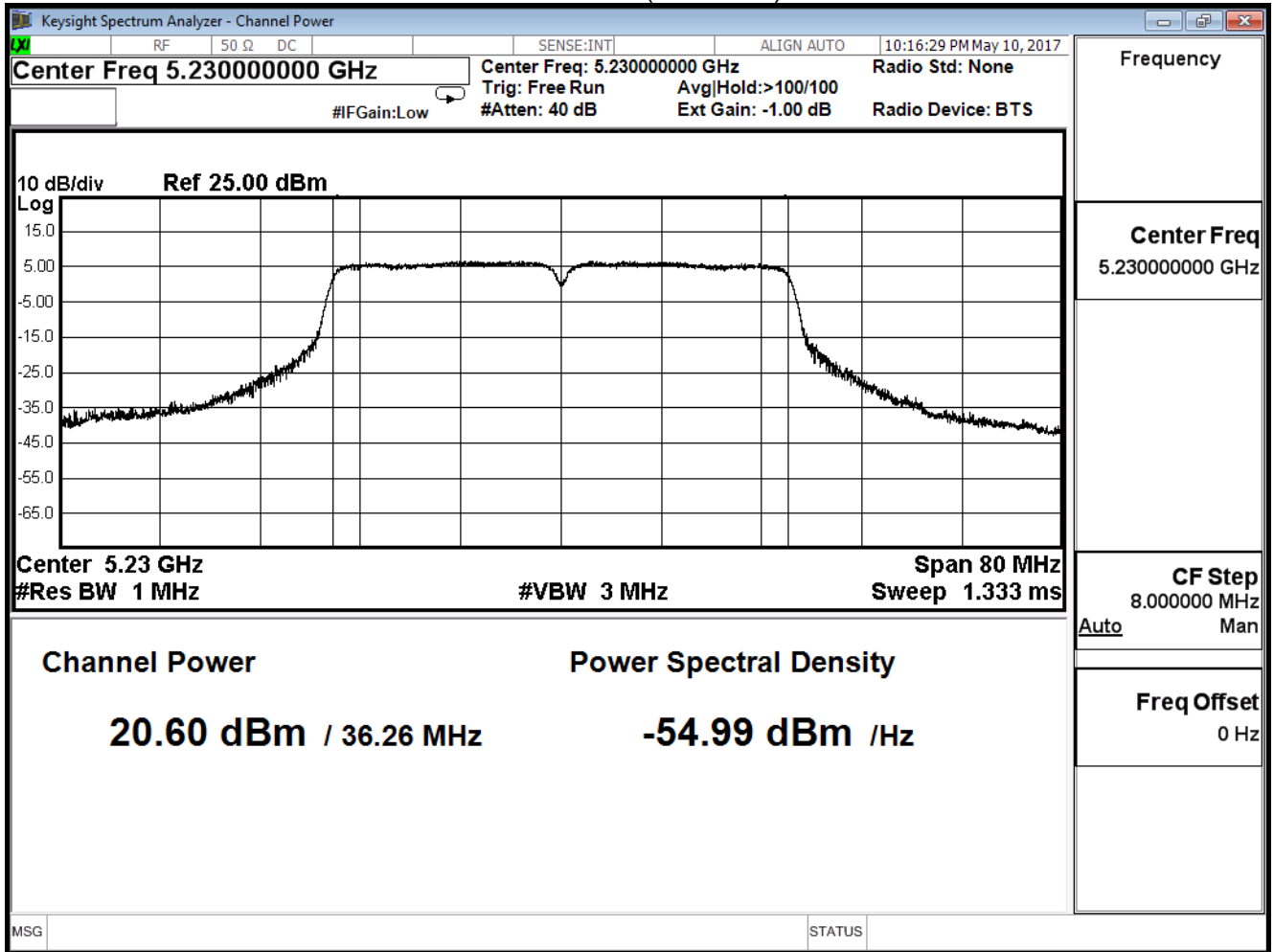
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit
		24	25	26	27	28	29	30	31	
38	5190	19.41	--	--	--	--	--	--	--	≤30dBm
46	5230	20.60	20.34	20.11	19.89	19.65	19.34	19.21	19.09	

Channel 38 (5190MHz)



Channel 46 (5230MHz)



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Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
38	5190	25.29	$\leq 30$
46	5230	26.65	$\leq 30$

Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

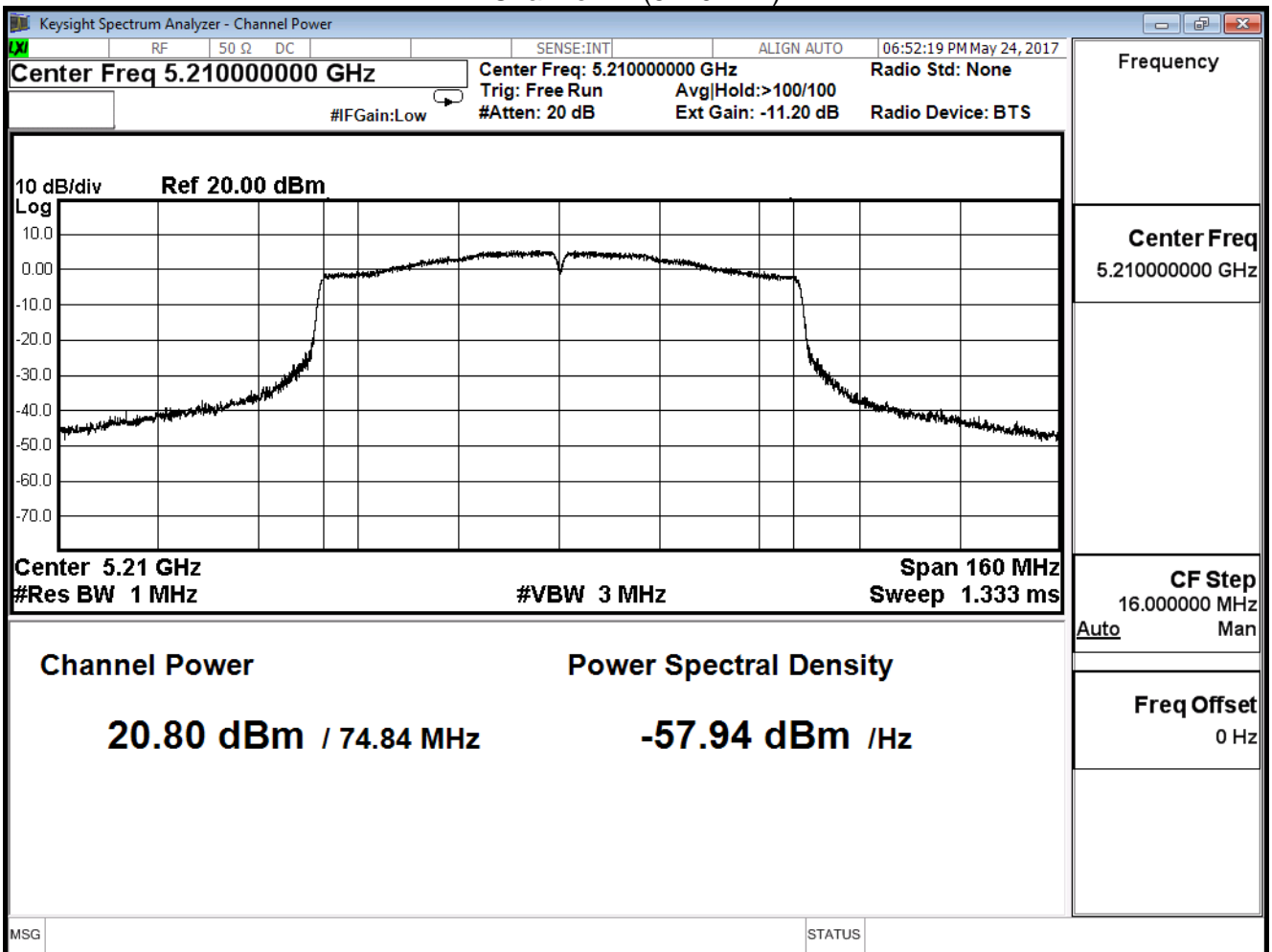
IEEE802.11ac(80MHz)(ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
42	5210	20.80	≤ 30

The worst emission of data rate is MCS0

Peak Power Output (dBm)												
Channel No	Frequency (MHz)	Data Rate										Required Limit
		0	1	2	3	4	5	6	7	8	9	
42	5210	20.80	20.30	20.01	19.88	19.75	19.32	19.10	18.88	18.66	18.51	≤30dBm

Channel 42 (5210MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

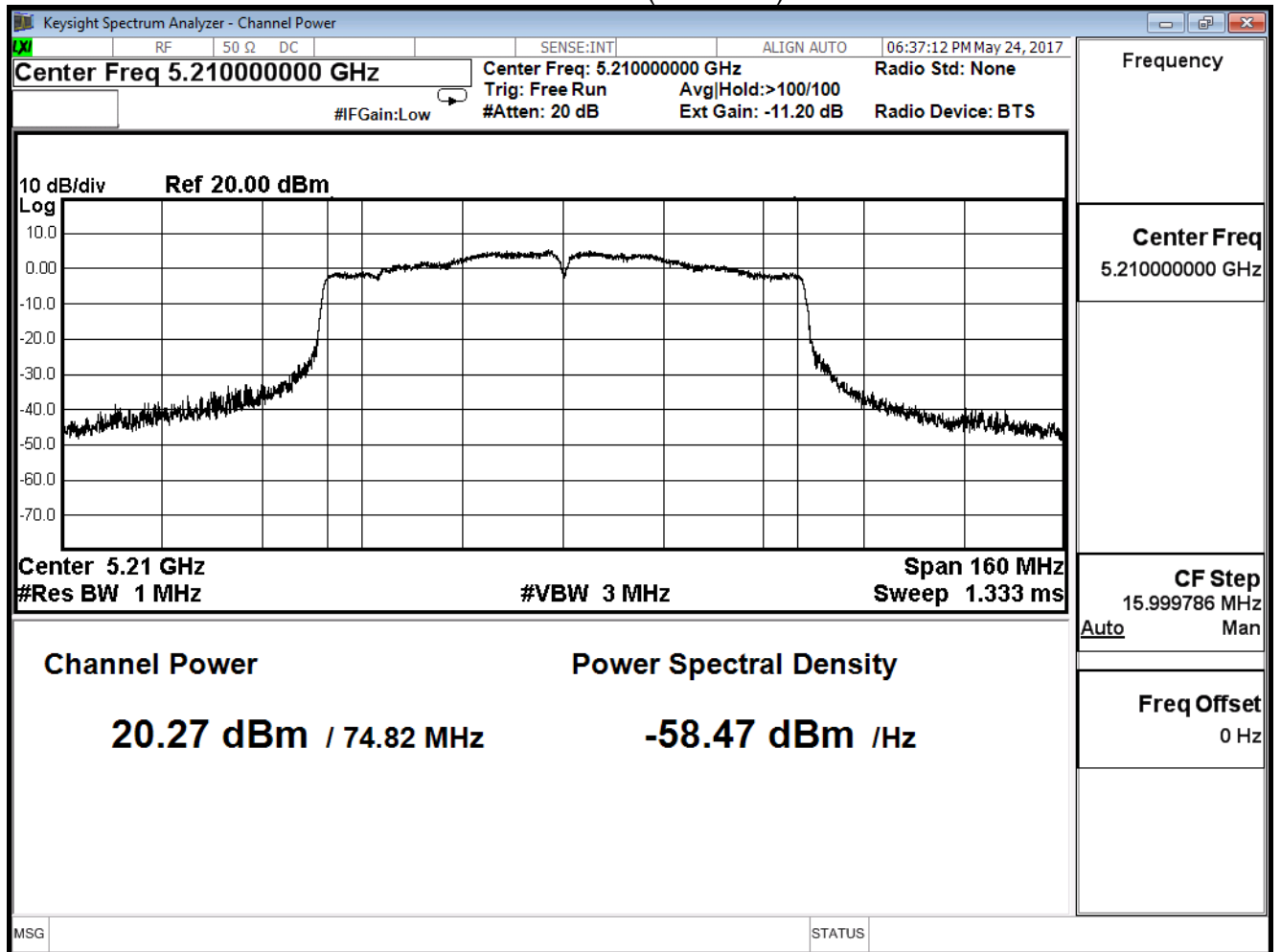
IEEE802.11ac(80MHz)(ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
42	5210	20.27	≤ 30

The worst emission of data rate is MCS0

Peak Power Output (dBm)												
Channel No	Frequency (MHz)	Data Rate										Required Limit
		0	1	2	3	4	5	6	7	8	9	
42	5210	20.27	20.02	19.92	19.85	19.74	19.62	19.55	19.30	19.01	18.87	≤30dBm

Channel 42 (5210MHz)





Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

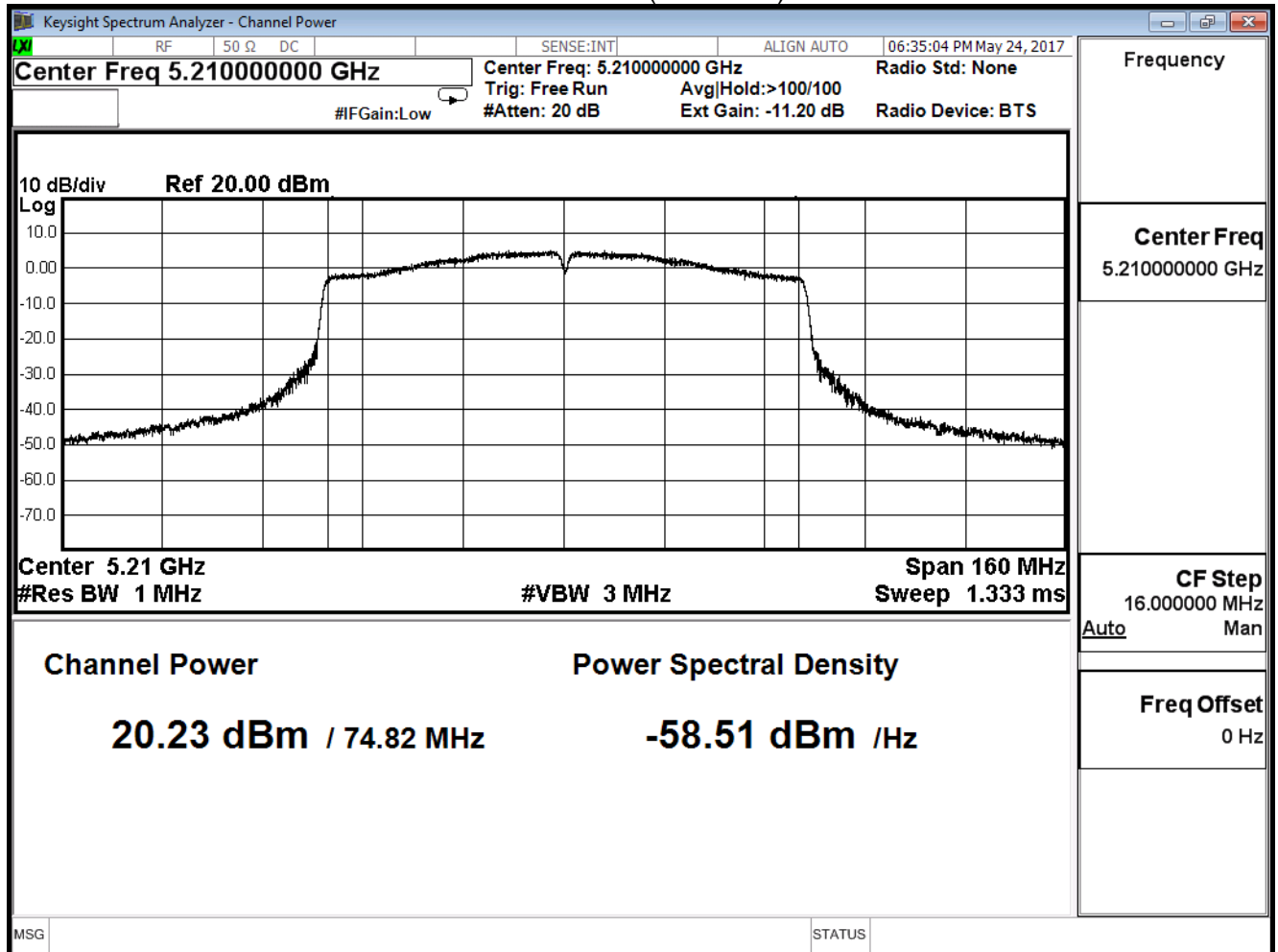
IEEE802.11ac(80MHz)(ANT2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
42	5210	20.23	≤ 30

The worst emission of data rate is MCS0

Peak Power Output (dBm)												
Channel No	Frequency (MHz)	Data Rate										Required Limit
		0	1	2	3	4	5	6	7	8	9	
42	5210	20.23	20.02	19.91	19.78	19.64	19.51	19.21	19.00	18.87	18.54	≤30dBm

Channel 42 (5210MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

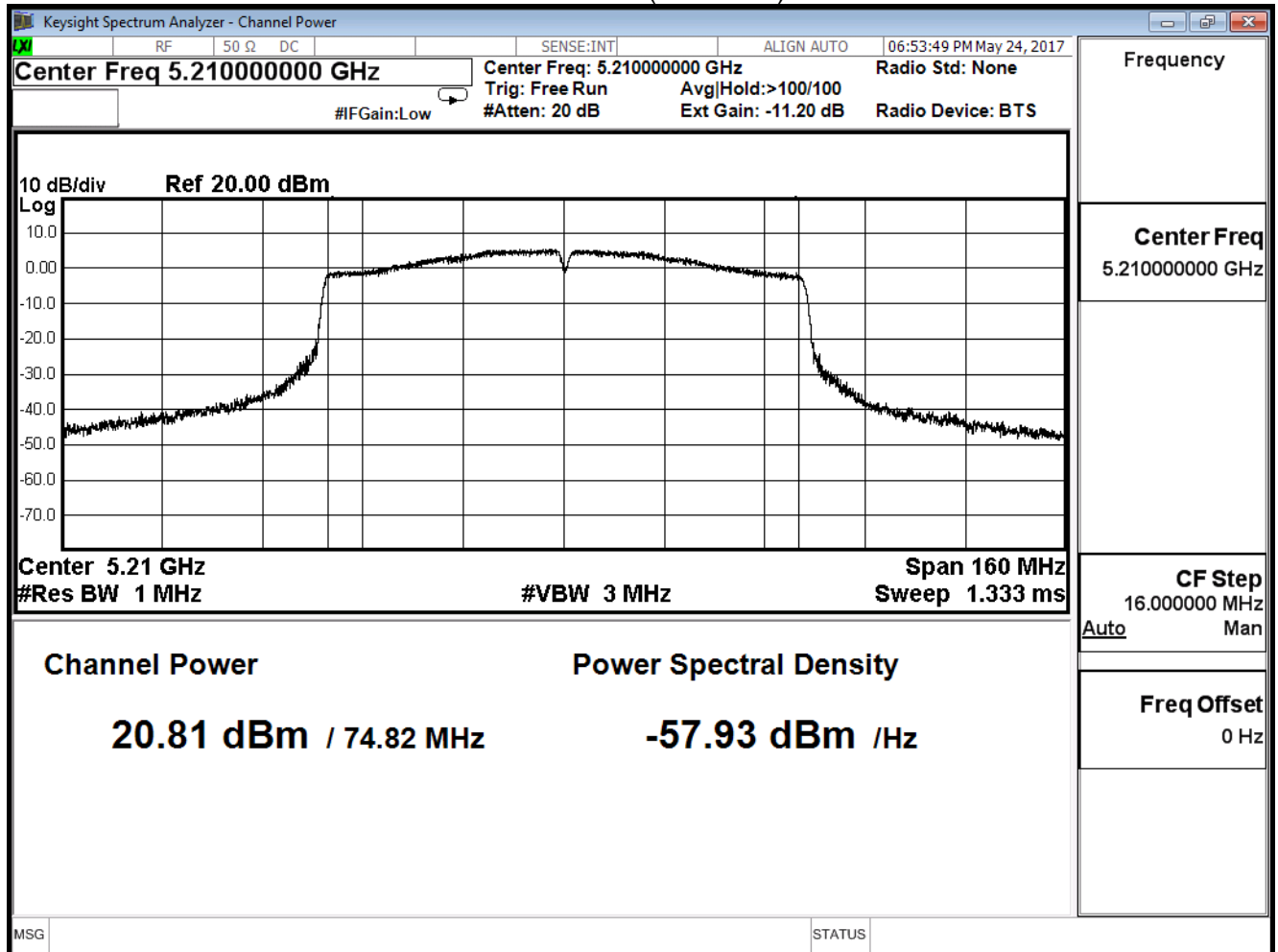
IEEE802.11ac(80MHz)(ANT 3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
42	5210	20.81	≤ 30

The worst emission of data rate is MCS0

Peak Power Output (dBm)												
Channel No	Frequency (MHz)	Data Rate										Required Limit
		0	1	2	3	4	5	6	7	8	9	
42	5210	20.81	20.66	20.45	20.21	20.02	19.85	19.72	19.51	19.22	19.01	≤30dBm

Channel 42 (5210MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
42	5210	26.557	$\leq 30$

Product	Wireless-AC2600 Dual Band Gigabit Router		
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Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(20MHz)(ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
36	5180	19.16	≤ 28.51
44	5220	20.37	≤ 28.51
48	5240	20.34	≤ 28.51

Note

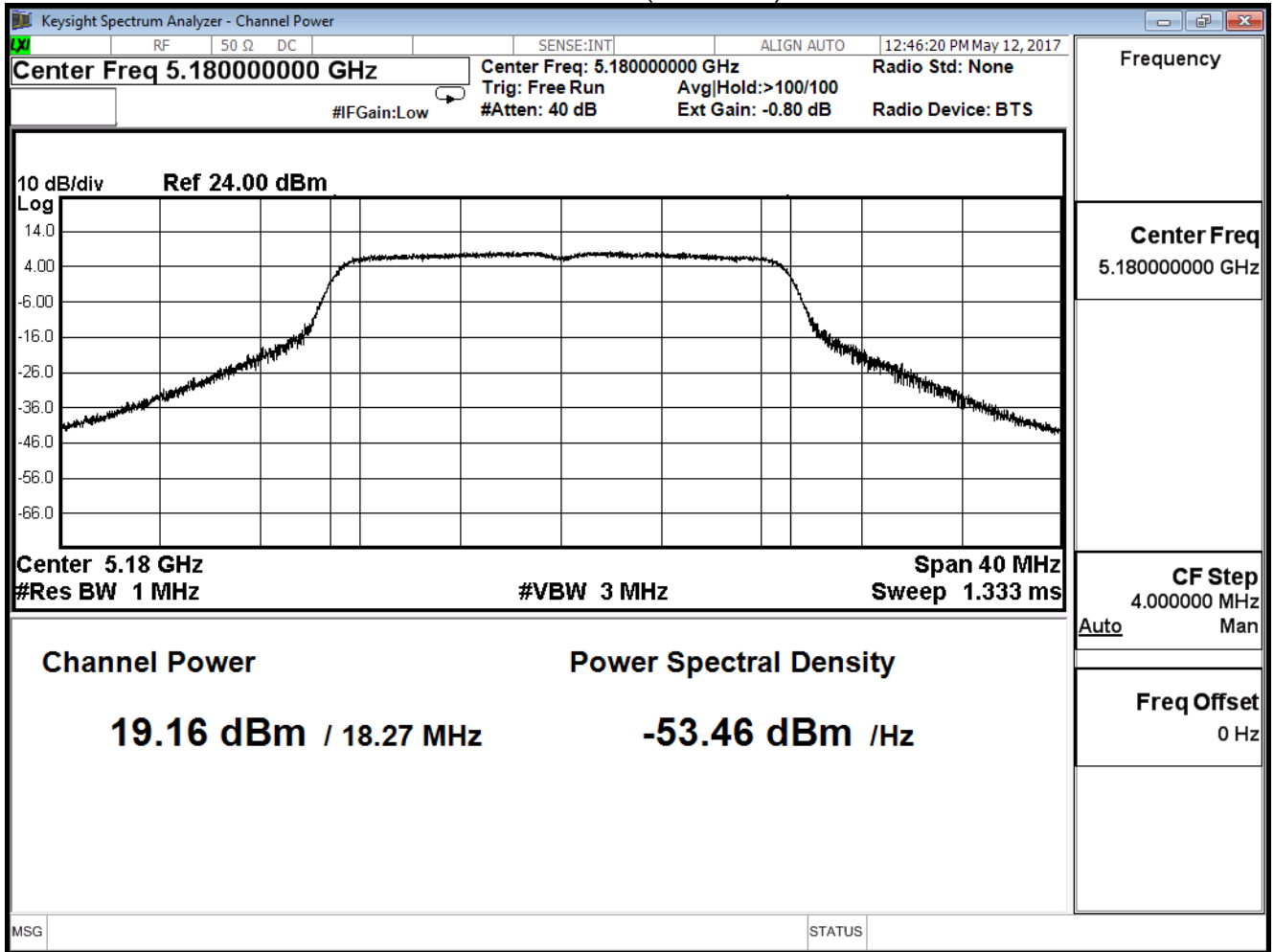
Effective array gain = 7.49 dBi

Limit = 30-(7.49-6) = 28.51 dBm

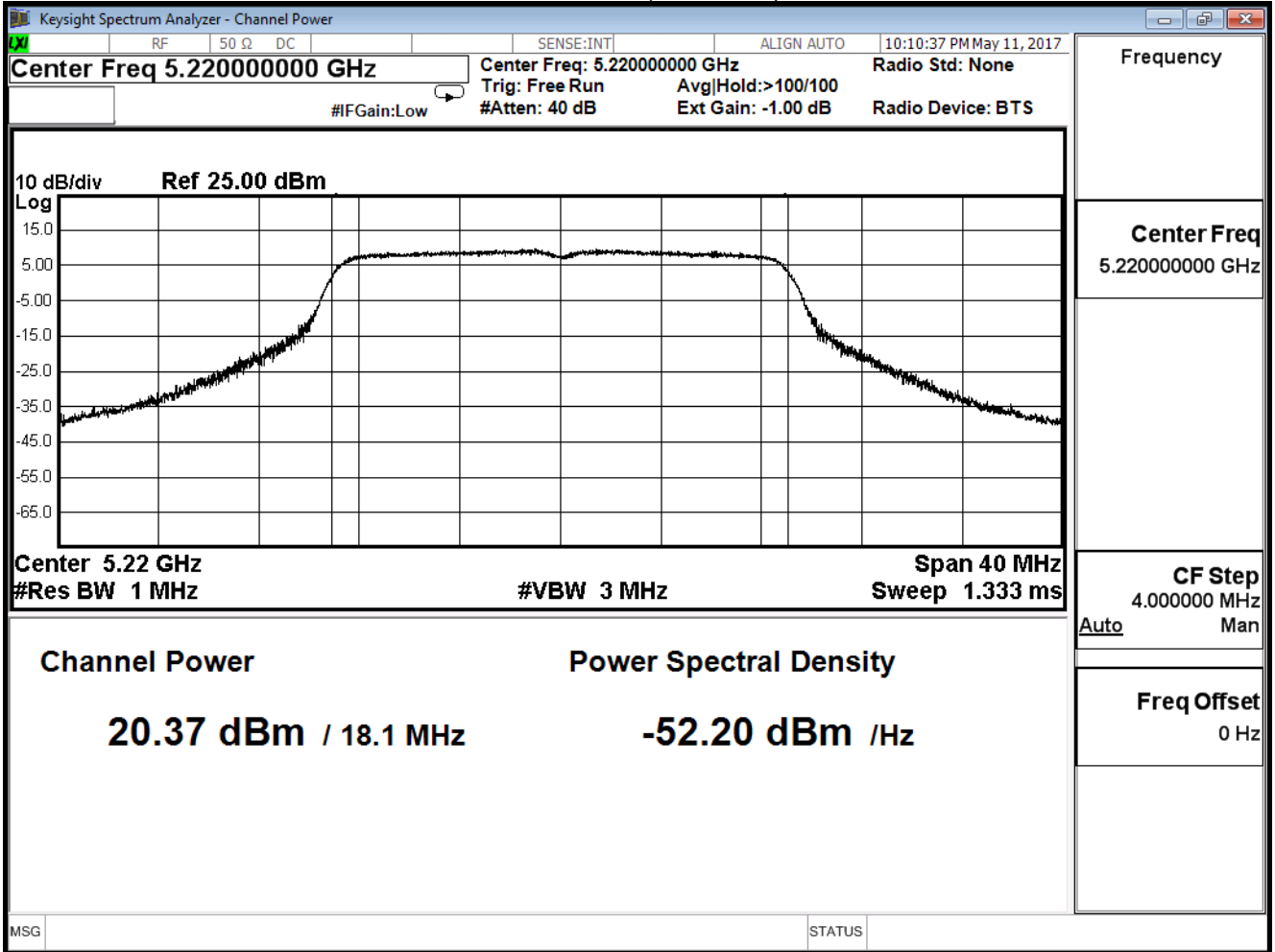
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit (dBm)
		24	25	26	27	28	29	30	31	
36	5180	19.16	--	--	--	--	--	--	--	≤28.51
44	5220	20.37	20.27	20.21	20.01	19.92	19.84	19.69	19.51	
48	5240	20.34	--	--	--	--	--	--	--	

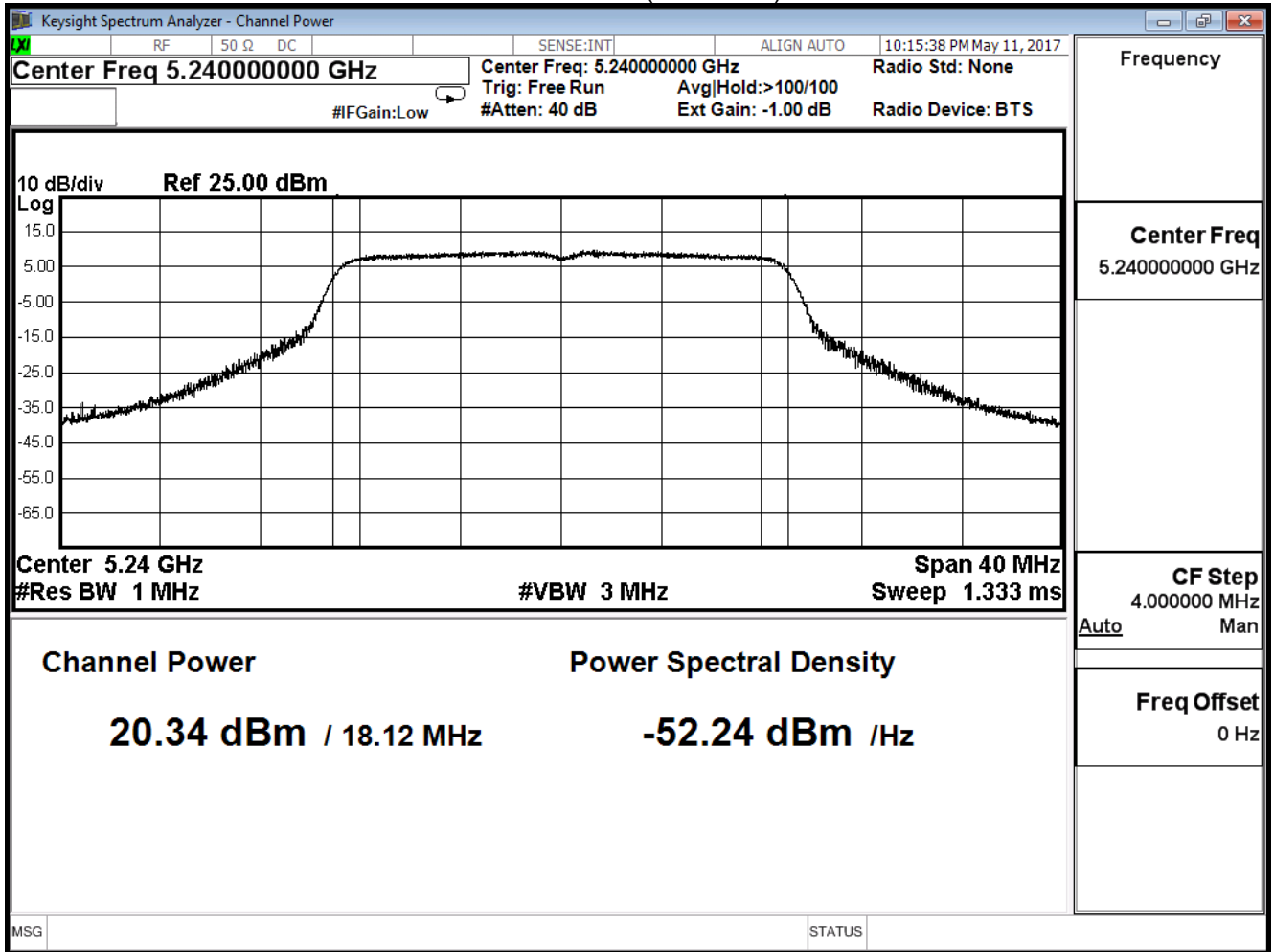
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



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Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(20MHz)(ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
36	5180	19.10	≤ 28.51
44	5220	20.32	≤ 28.51
48	5240	20.33	≤ 28.51

Note

Effective array gain = 7.49 dBi

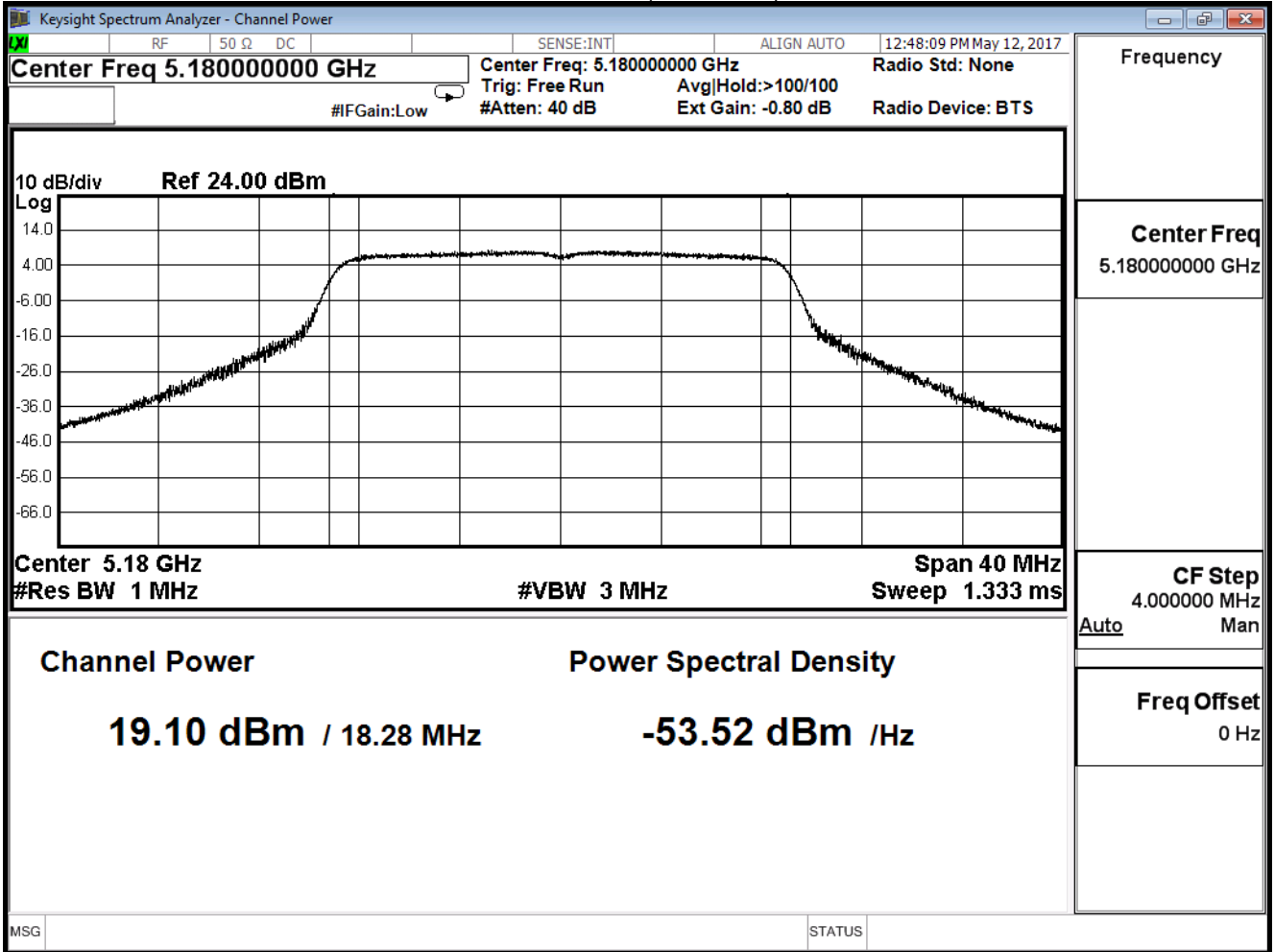
Limit = 30-(7.49-6) = 28.51 dBm

The worst emission of data rate is MCS 24

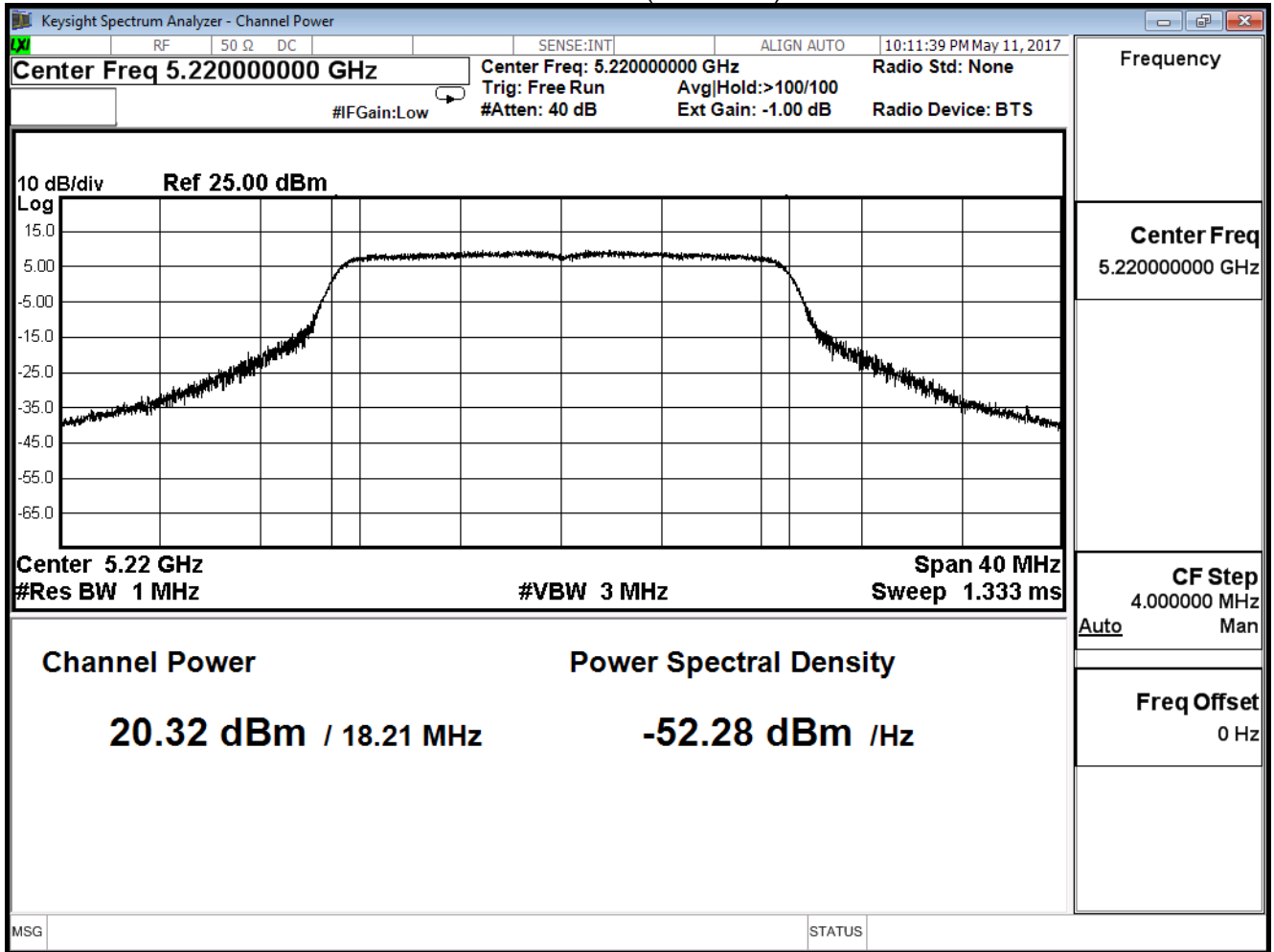
Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit (dBm)
		24	25	26	27	28	29	30	31	
36	5180	19.10	--	--	--	--	--	--	--	≤ 28.51
44	5220	20.32	20.21	20.06	19.89	19.73	19.63	19.43	19.23	
48	5240	20.33	--	--	--	--	--	--	--	



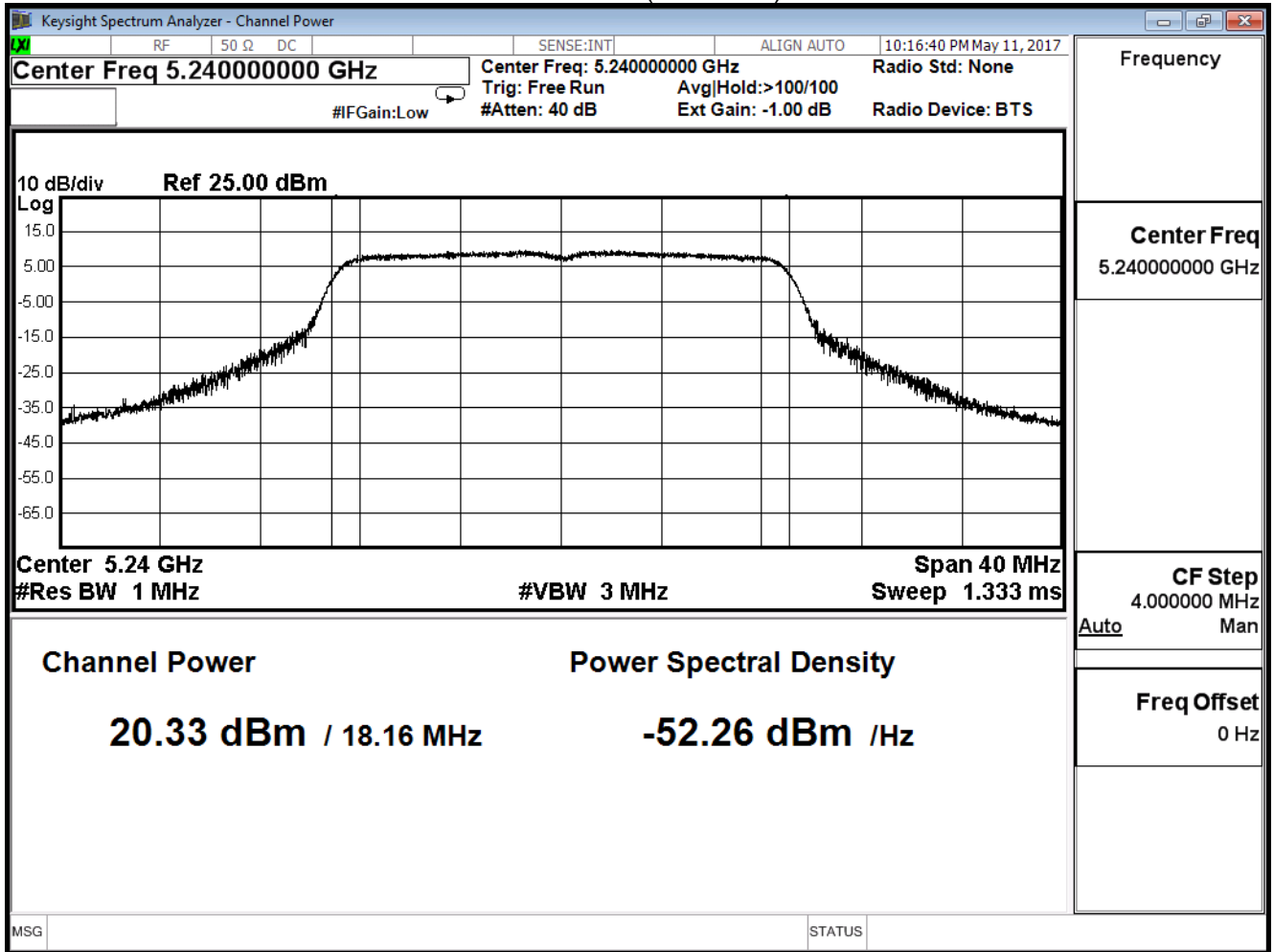
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



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Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(20MHz)(ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
36	5180	19.19	≤ 28.51
44	5220	20.36	≤ 28.51
48	5240	20.32	≤ 28.51

Note

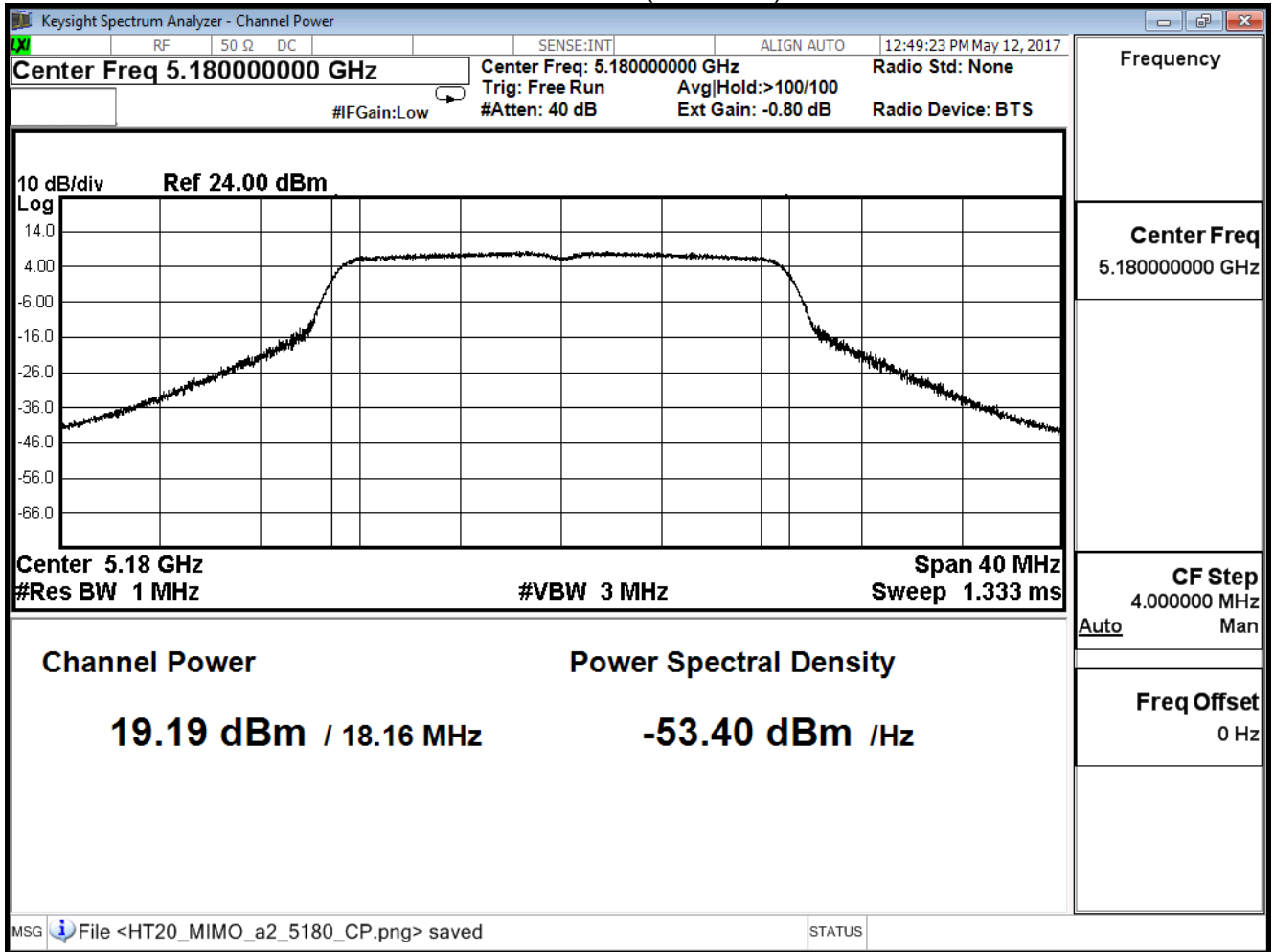
Effective array gain = 7.49 dBi

Limit = 30-(7.49-6) = 28.51 dBm

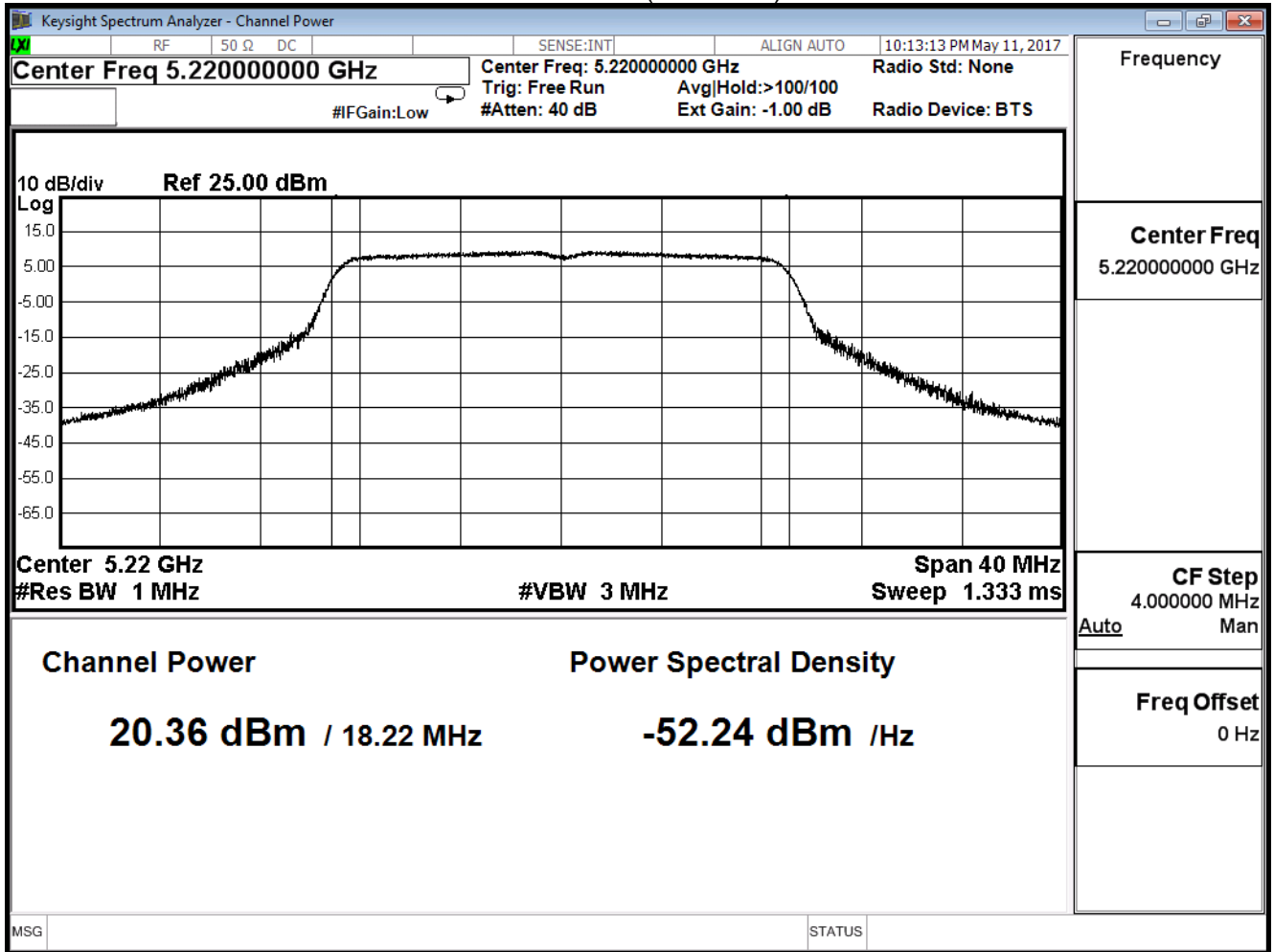
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit (dBm)
		24	25	26	27	28	29	30	31	
36	5180	19.19	--	--	--	--	--	--	--	≤ 28.51
44	5220	20.36	20.21	20.11	19.90	19.72	19.62	19.43	19.11	
48	5240	20.32	--	--	--	--	--	--	--	

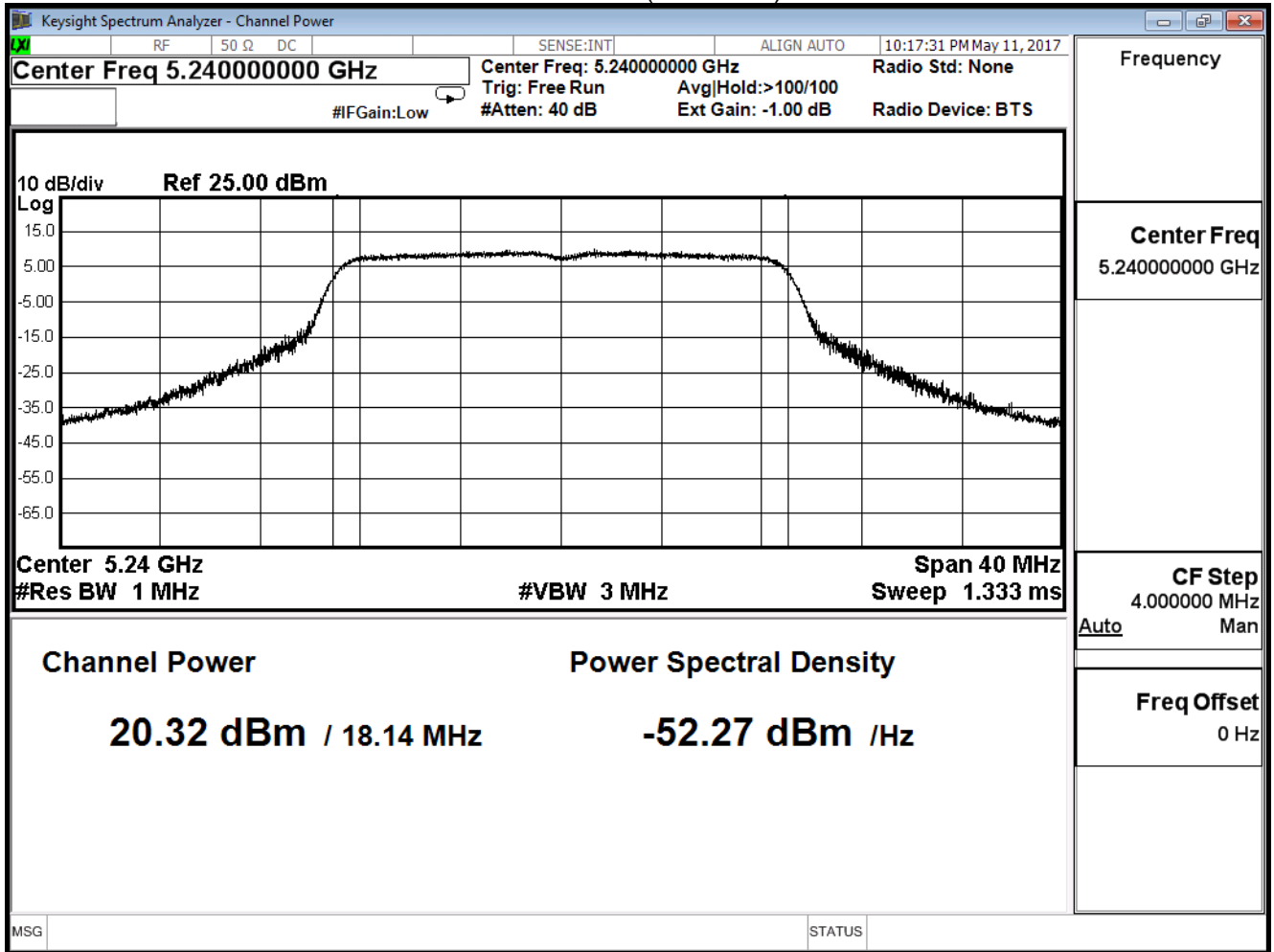
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

## IEEE 802.11n(20MHz)(ANT 3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
36	5180	19.17	$\leq 28.51$
44	5220	20.35	$\leq 28.51$
48	5240	20.34	$\leq 28.51$

## Note

Effective array gain = 7.49 dBi

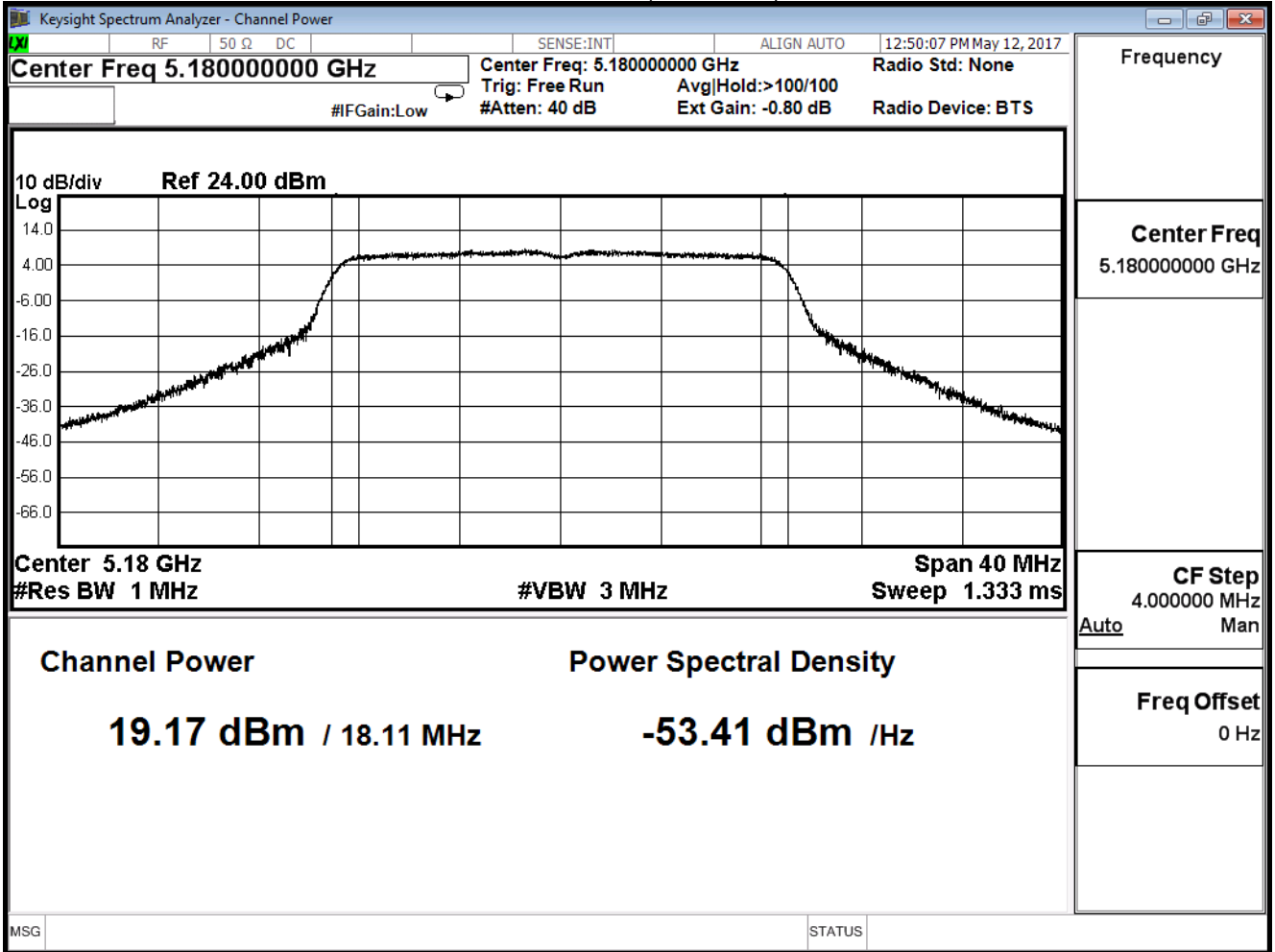
Limit =  $30 - (7.49 - 6) = 28.51$  dBm

The worst emission of data rate is 24 Mbps.

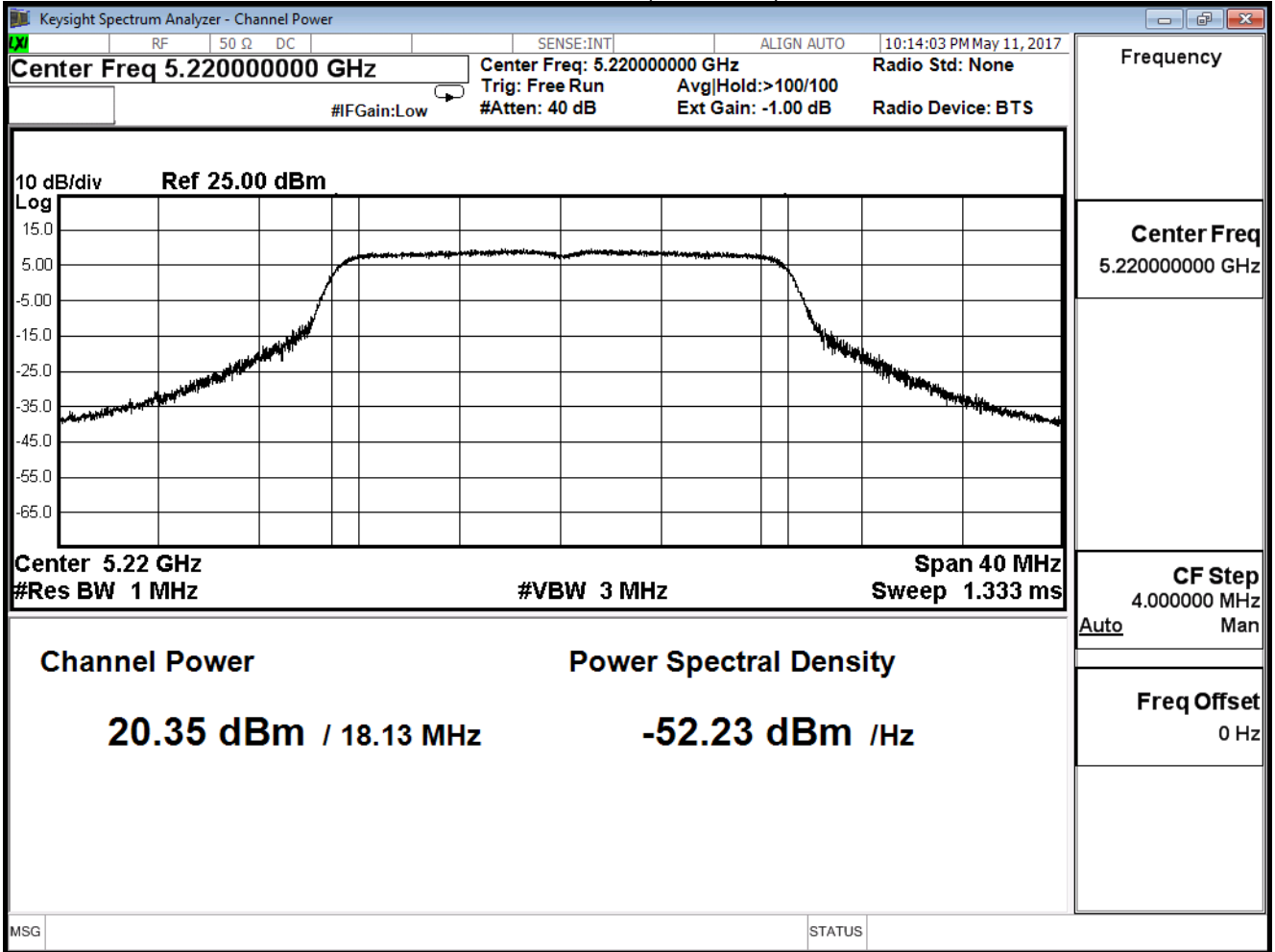
Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit (dBm)
		24	25	26	27	28	29	30	31	
36	5180	19.17	--	--	--	--	--	--	--	$\leq 28.51$
44	5220	20.35	20.21	20.13	20.01	19.87	19.67	19.55	19.43	
48	5240	20.34	--	--	--	--	--	--	--	



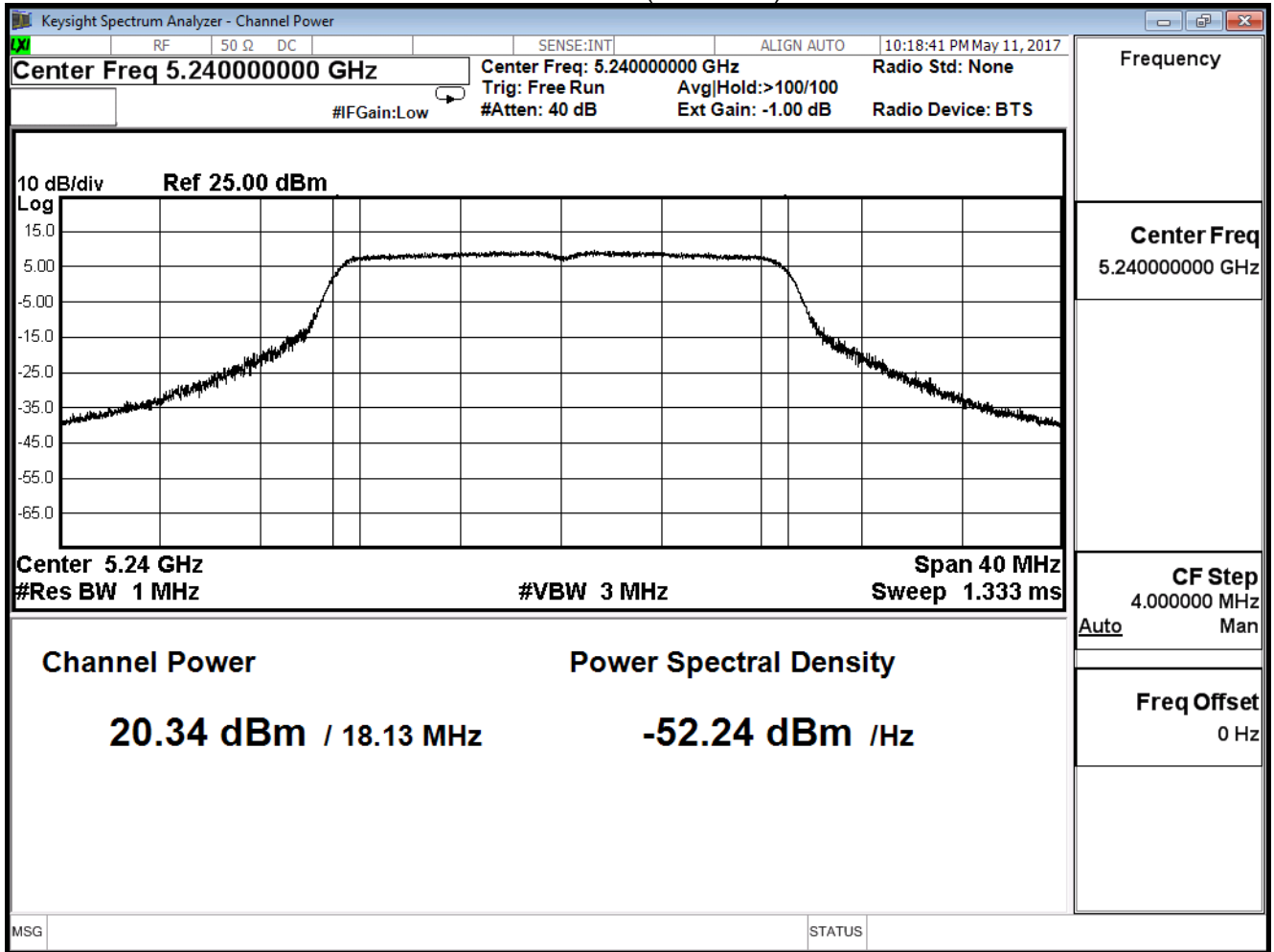
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
36	5180	25.18	$\leq 28.51$
44	5220	26.37	$\leq 28.51$
48	5240	26.35	$\leq 28.51$

## Note

Effective array gain = 7.49 dBi

Limit =  $30 - (7.49 - 6) = 28.51$  dBm

Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

## IEEE 802.11n(40MHz)(ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
38	5190	16.52	$\leq 28.51$
46	5230	21.92	$\leq 28.51$

## Note

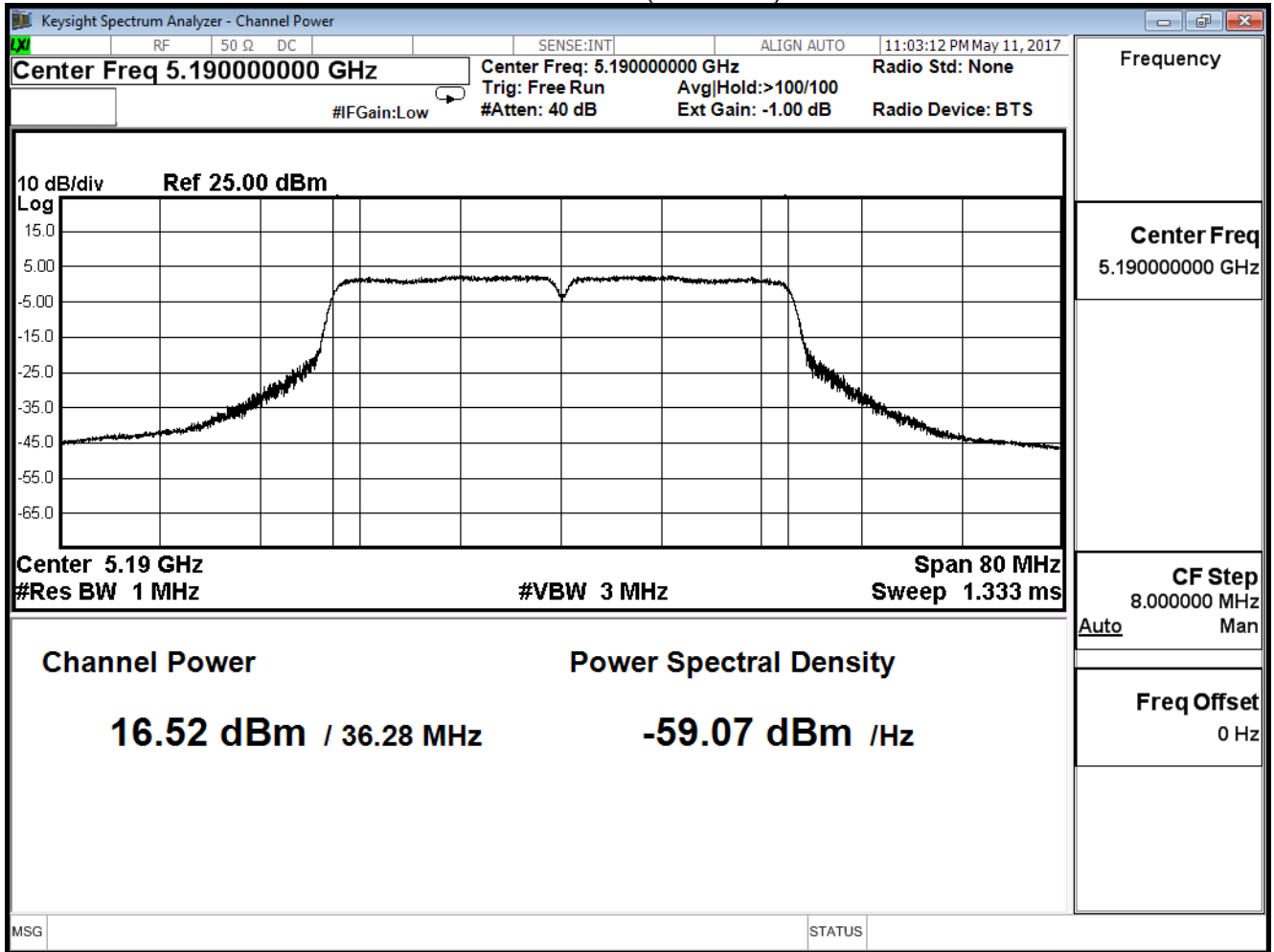
Effective array gain = 7.49 dBi

Limit =  $30 - (7.49 - 6) = 28.51$  dBm

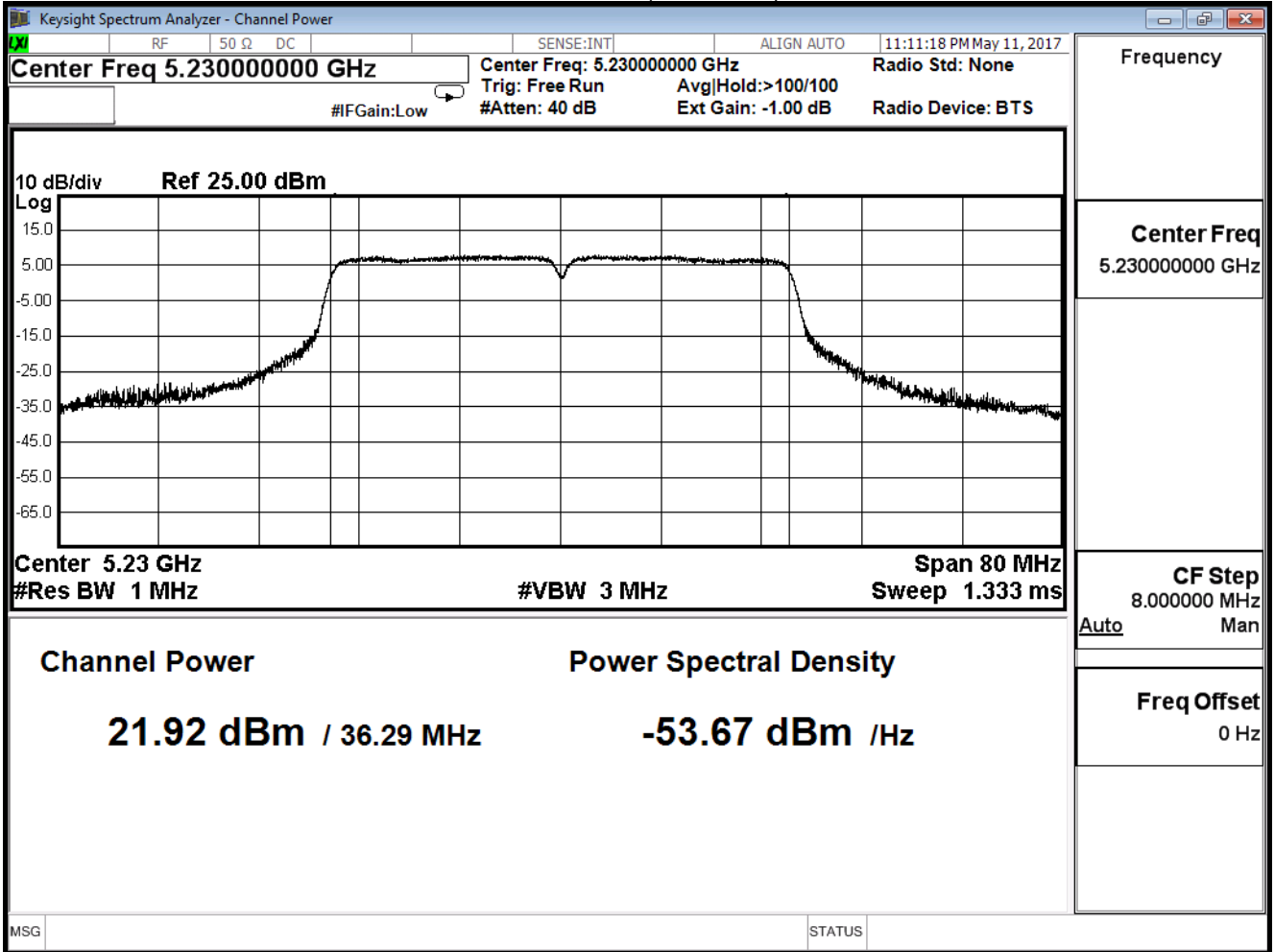
The worst emission of data rate is MCS24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit (dBm)
		24	25	26	27	28	29	30	31	
38	5190	16.52	--	--	--	--	--	--	--	$\leq 28.51$
46	5230	21.92	21.78	21.56	21.42	21.21	21.09	20.89	20.79	

Channel 38 (5190MHz)



Channel 46 (5230MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

## IEEE 802.11n(40MHz)(ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
38	5190	16.51	$\leq 28.51$
46	5230	21.91	$\leq 28.51$

## Note

Effective array gain = 7.49 dBi

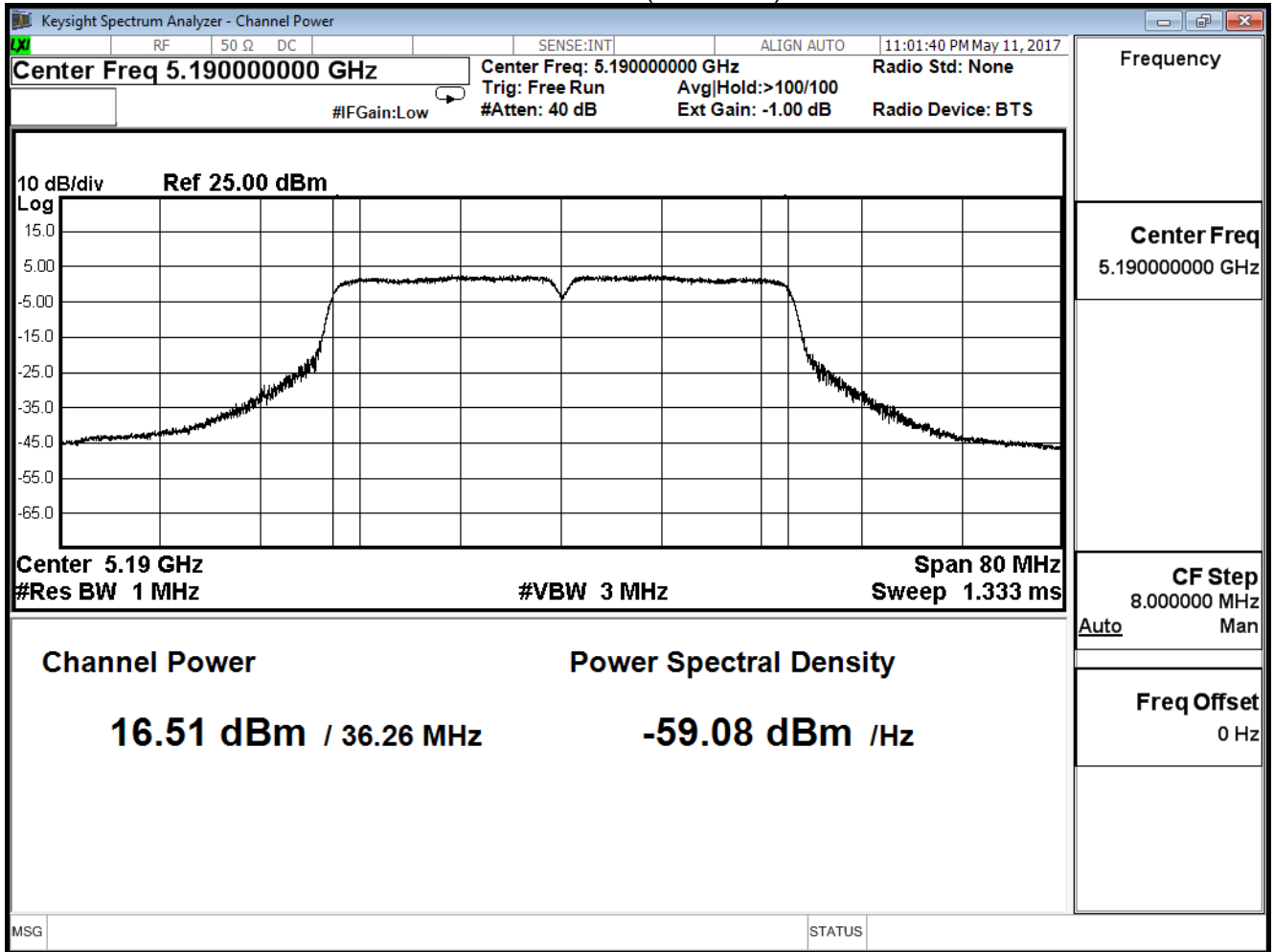
Limit =  $30 - (7.49 - 6) = 28.51$  dBm

The worst emission of data rate is MCS24

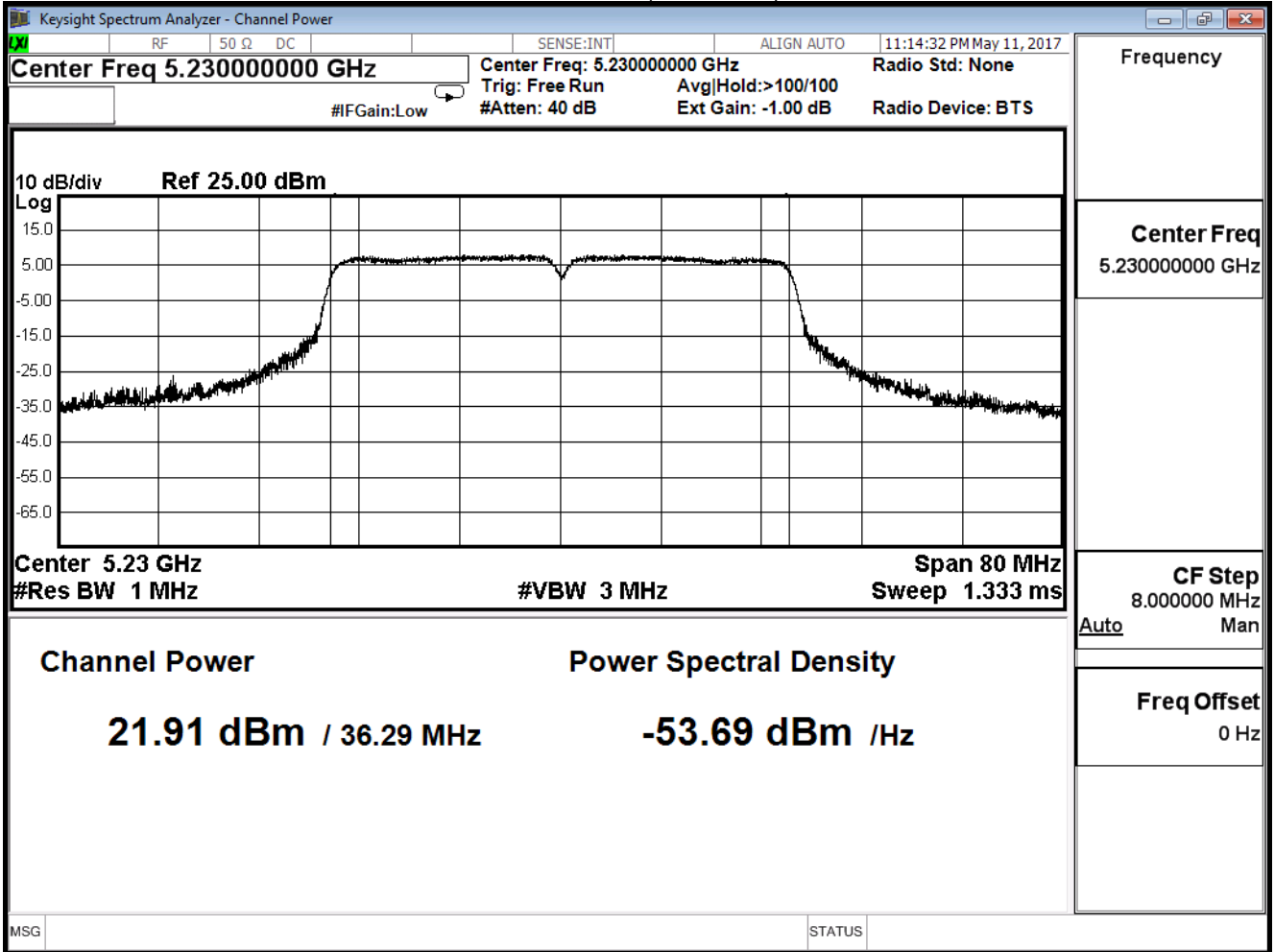
Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit (dBm)
		24	25	26	27	28	29	30	31	
38	5190	16.51	--	--	--	--	--	--	--	$\leq 28.51$
46	5230	21.91	21.76	21.56	21.32	21.1	20.89	20.71	20.56	



Channel 38 (5190MHz)



Channel 46 (5230MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

## IEEE 802.11n(40MHz)(ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
38	5190	16.57	$\leq 28.51$
46	5230	21.94	$\leq 28.51$

## Note

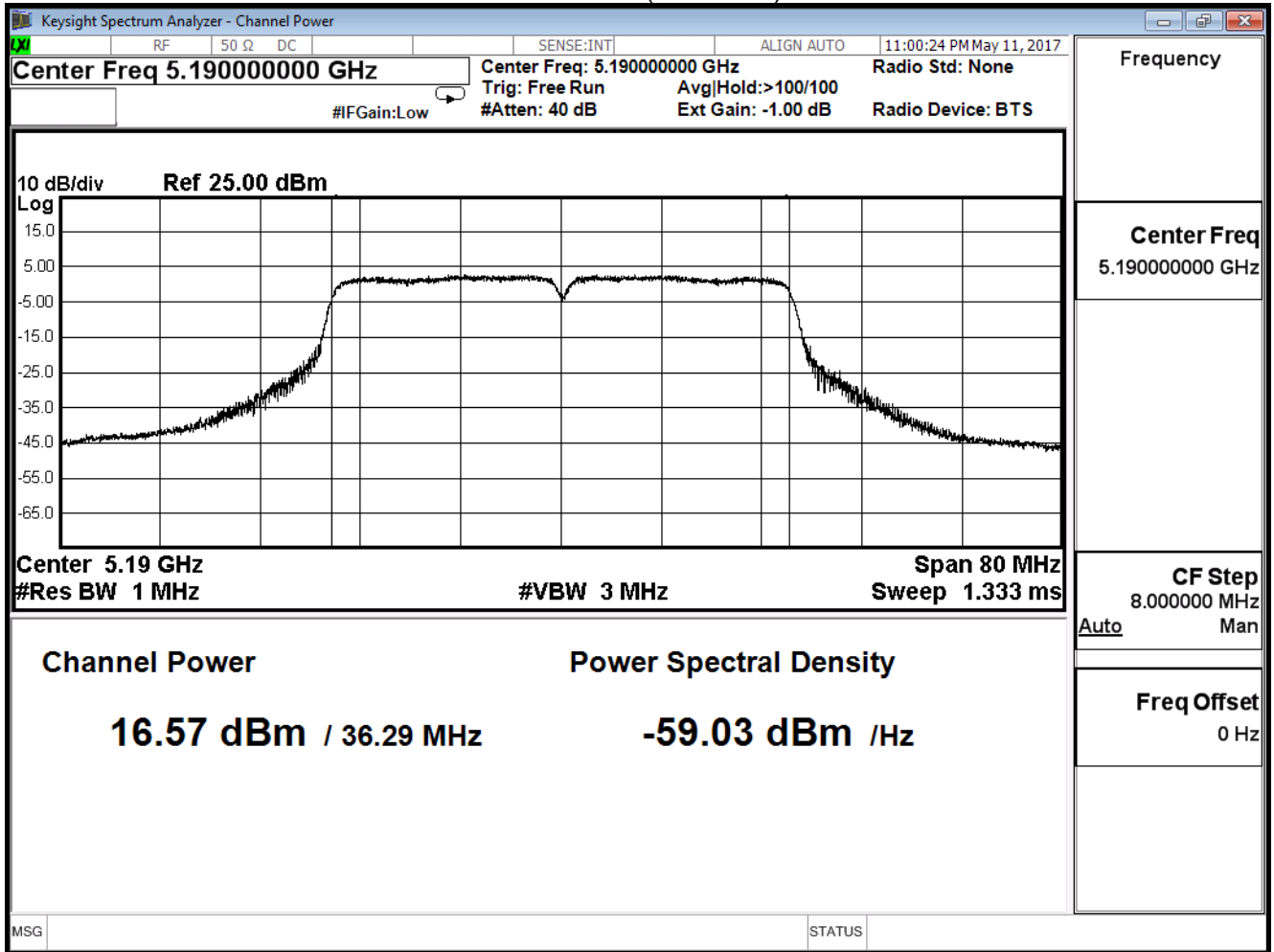
Effective array gain = 7.49 dBi

Limit =  $30 - (7.49 - 6) = 28.51$  dBm

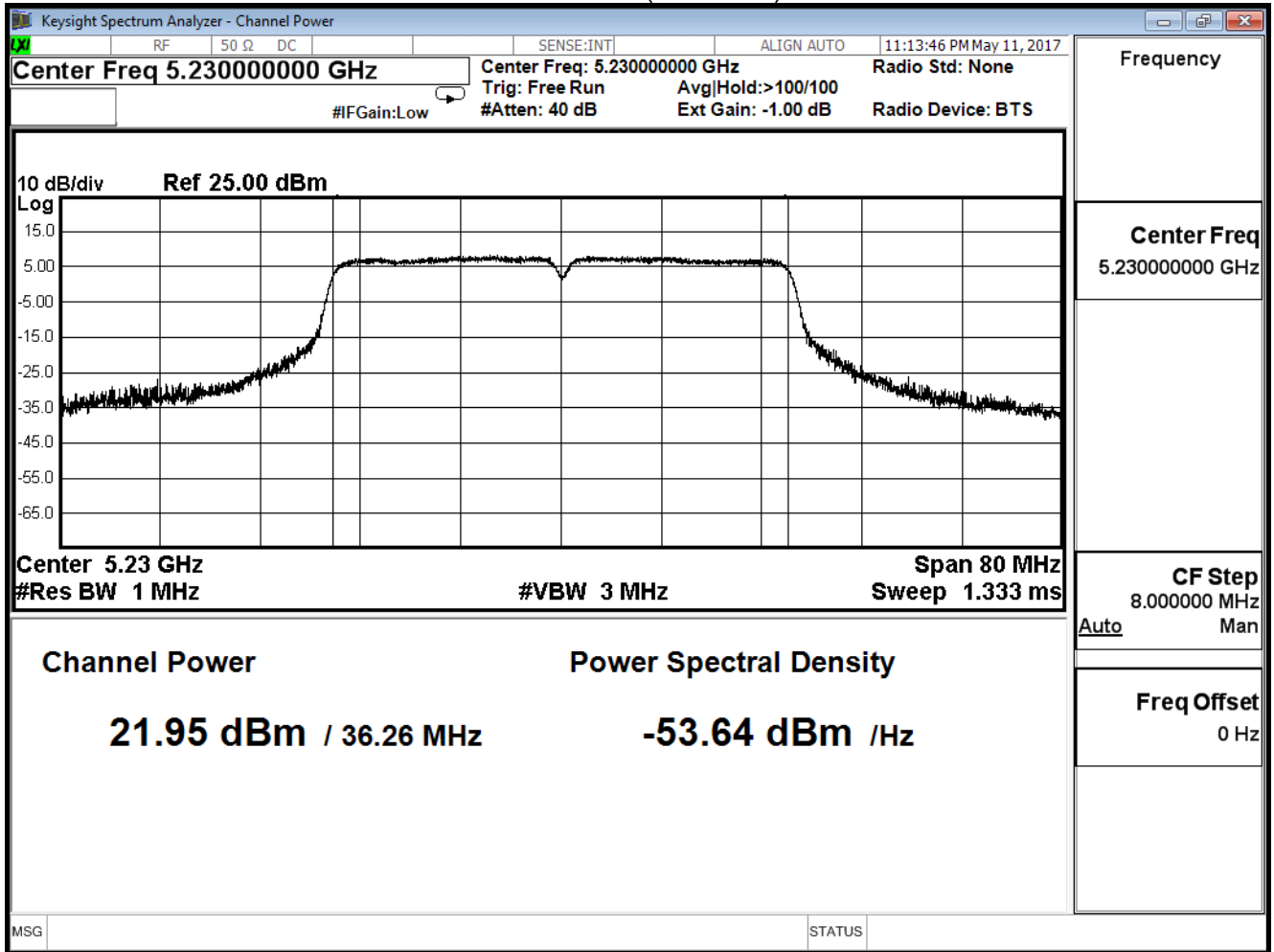
The worst emission of data rate is MCS24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit (dBm)
		24	25	26	27	28	29	30	31	
38	5190	16.57	--	--	--	--	--	--	--	$\leq 28.51$
46	5230	21.94	21.78	21.46	21.21	21.09	20.87	20.43	19.94	

Channel 38 (5190MHz)



Channel 46 (5230MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

## IEEE 802.11n(40MHz)(ANT 3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
38	5190	16.56	$\leq 28.51$
46	5230	21.95	$\leq 28.51$

## Note

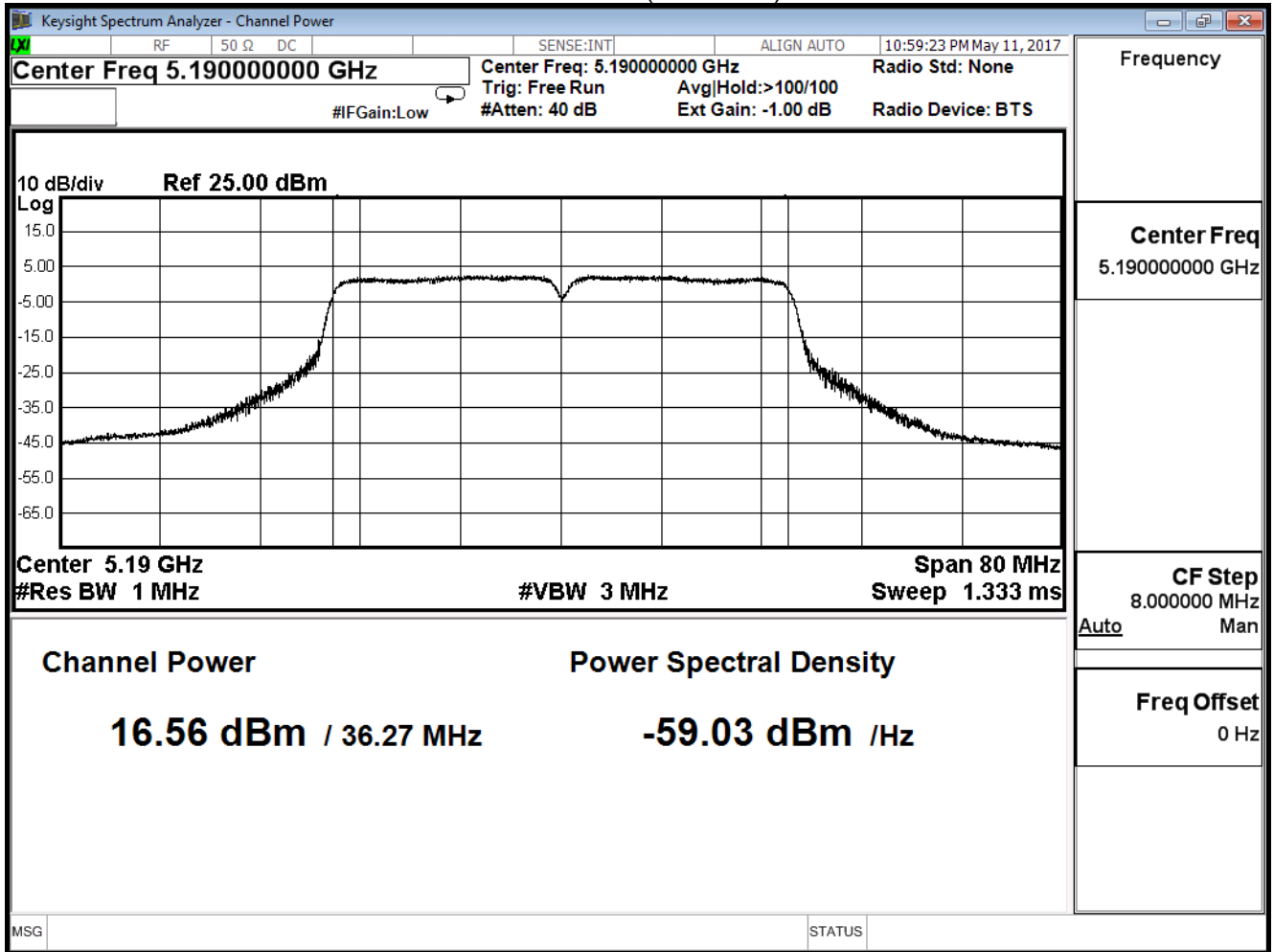
Effective array gain = 7.49 dBi

Limit =  $30 - (7.49 - 6) = 28.51$  dBm

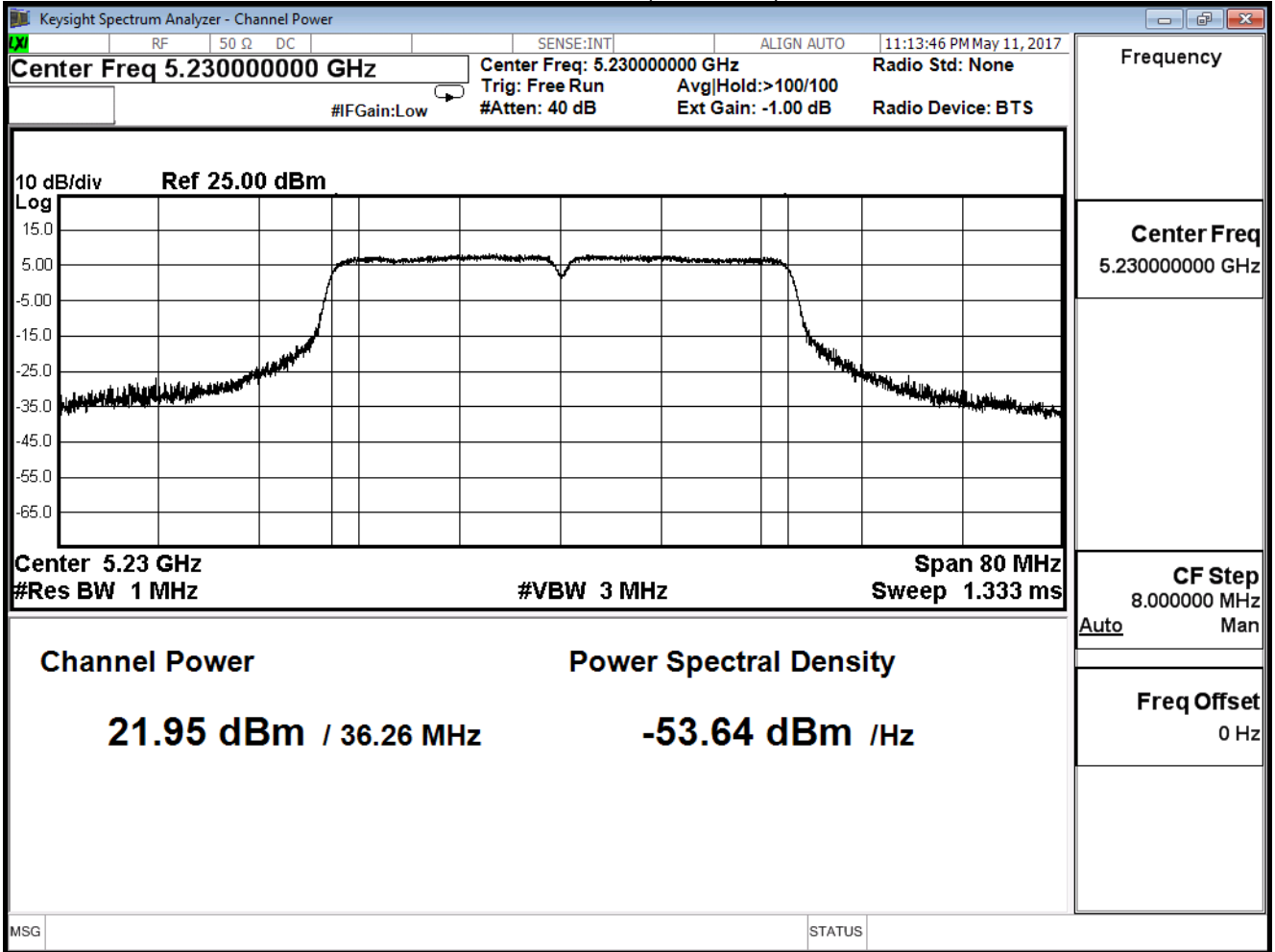
The worst emission of data rate is MCS24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit (dBm)
		24	25	26	27	28	29	30	31	
38	5190	16.56	--	--	--	--	--	--	--	$\leq 28.51$
46	5230	21.95	21.78	21.63	21.45	21.29	21.09	20.91	20.76	

Channel 38 (5190MHz)



Channel 46 (5230MHz)





Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
38	5190	22.561	$\leq 28.51$
46	5230	27.951	$\leq 28.51$

## Note

Effective array gain = 7.49 dBi

Limit =  $30 - (7.49 - 6) = 28.51$  dBm

Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
42	5210	18.90	≤ 28.51

Note

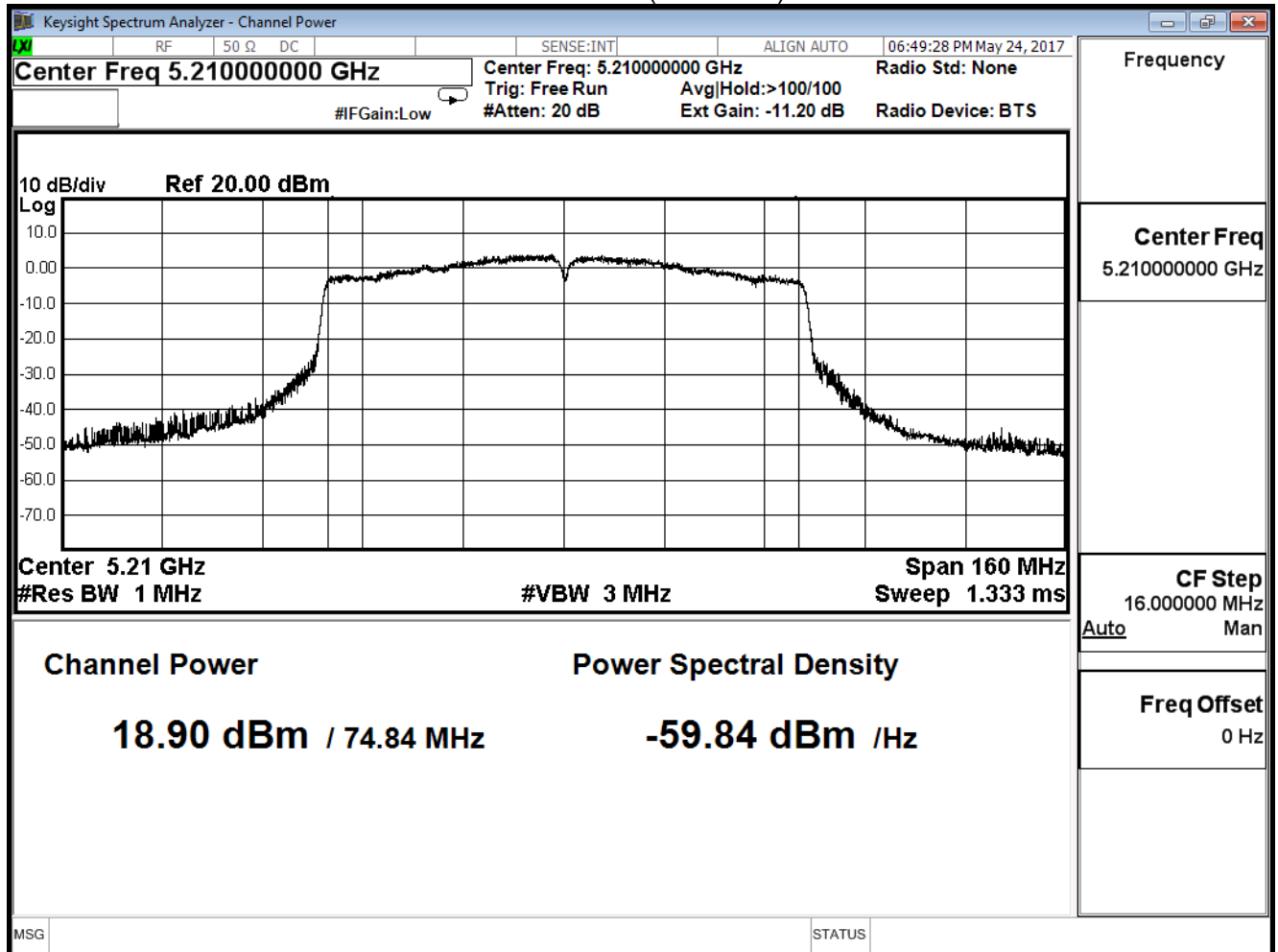
Effective array gain = 7.49 dBi

Limit = 30-(7.49-6) = 28.51 dBm

The worst emission of data rate is MCS0

Peak Power Output (dBm)												
Channel No	Frequency (MHz)	Data Rate										Required Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	
42	5210	18.90	18.72	18.51	18.32	18.02	17.88	17.54	17.30	17.01	16.88	≤ 28.51

Channel 42 (5210MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
42	5210	18.86	≤ 30

Note

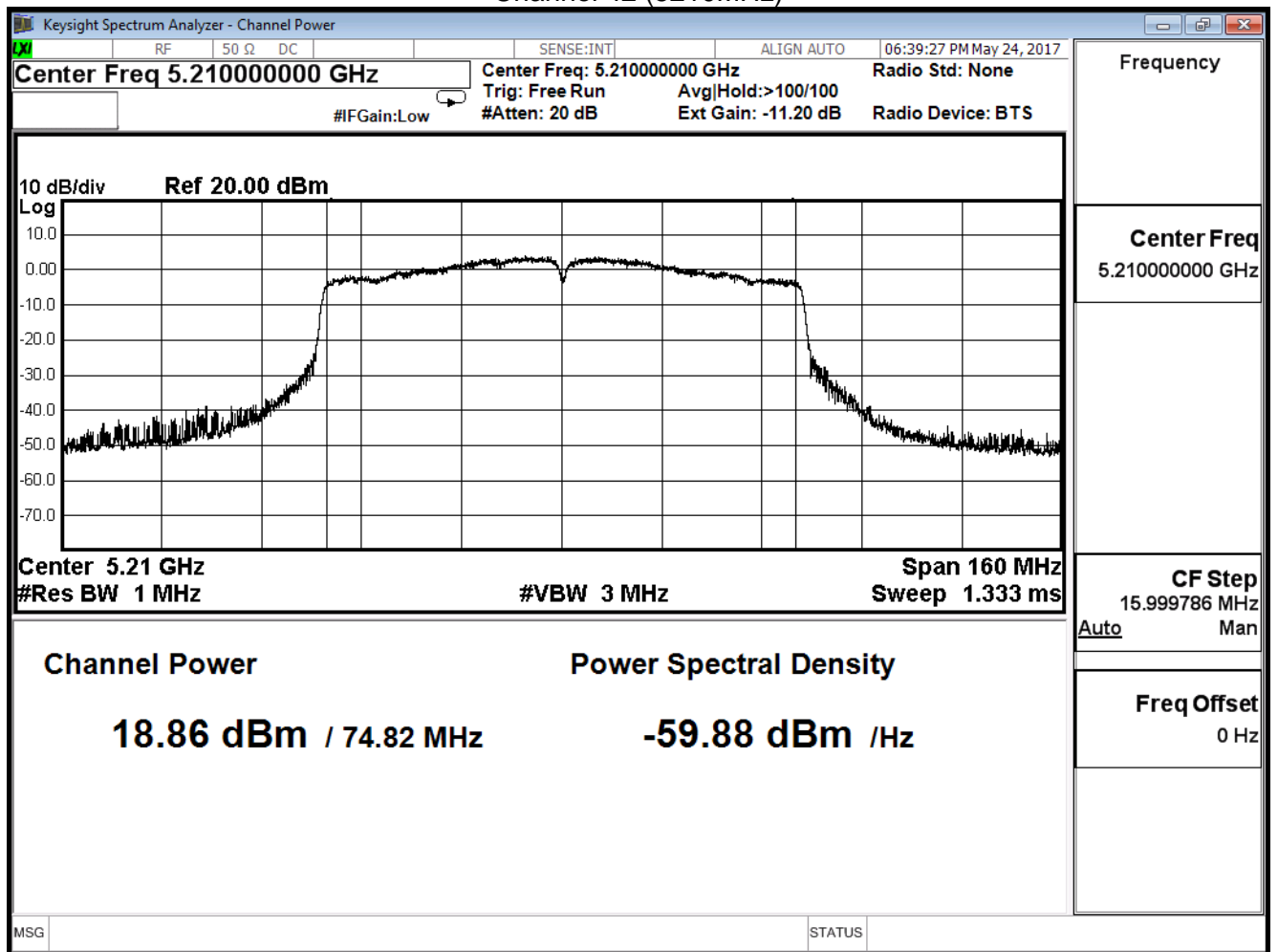
Effective array gain = 7.49 dBi

Limit = 30-(7.49-6) = 28.51 dBm

The worst emission of data rate is MCS0

Peak Power Output (dBm)												
Channel No	Frequency (MHz)	Data Rate										Required Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	
42	5210	18.86	18.55	18.32	18.02	17.82	17.55	17.21	17.01	16.86	16.41	≤ 28.51

Channel 42 (5210MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
42	5210	18.60	≤ 28.51

Note

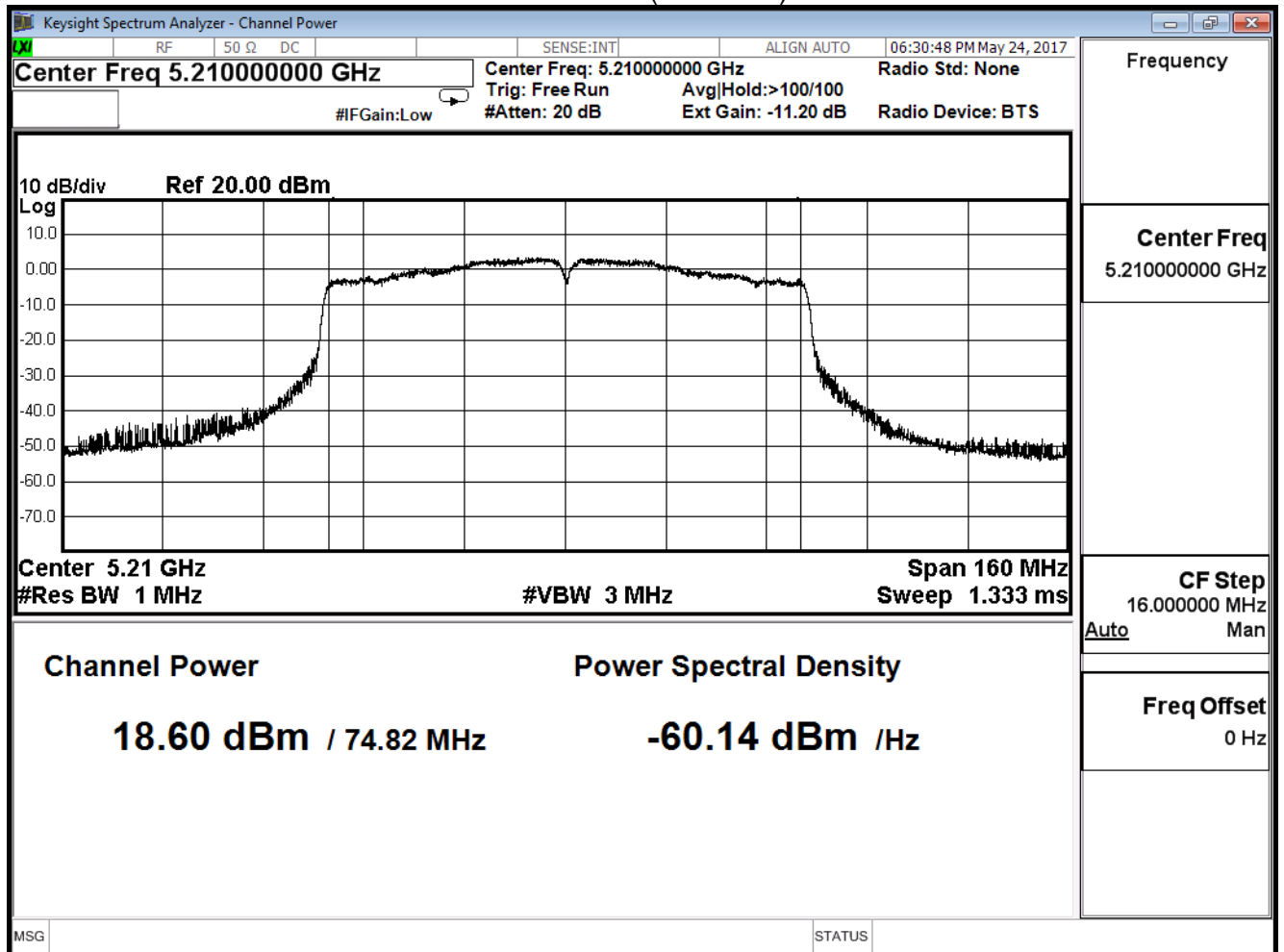
Effective array gain = 7.49 dBi

Limit = 30-(7.49-6) = 28.51 dBm

The worst emission of data rate is MCS0

Peak Power Output (dBm)												
Channel No	Frequency (MHz)	Data Rate										Required Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	
42	5210	18.60	18.33	18.01	17.91	17.65	17.21	17.01	16.89	16.67	16.25	≤ 28.51

Channel 42 (5210MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
42	5210	18.88	≤ 28.51

Note

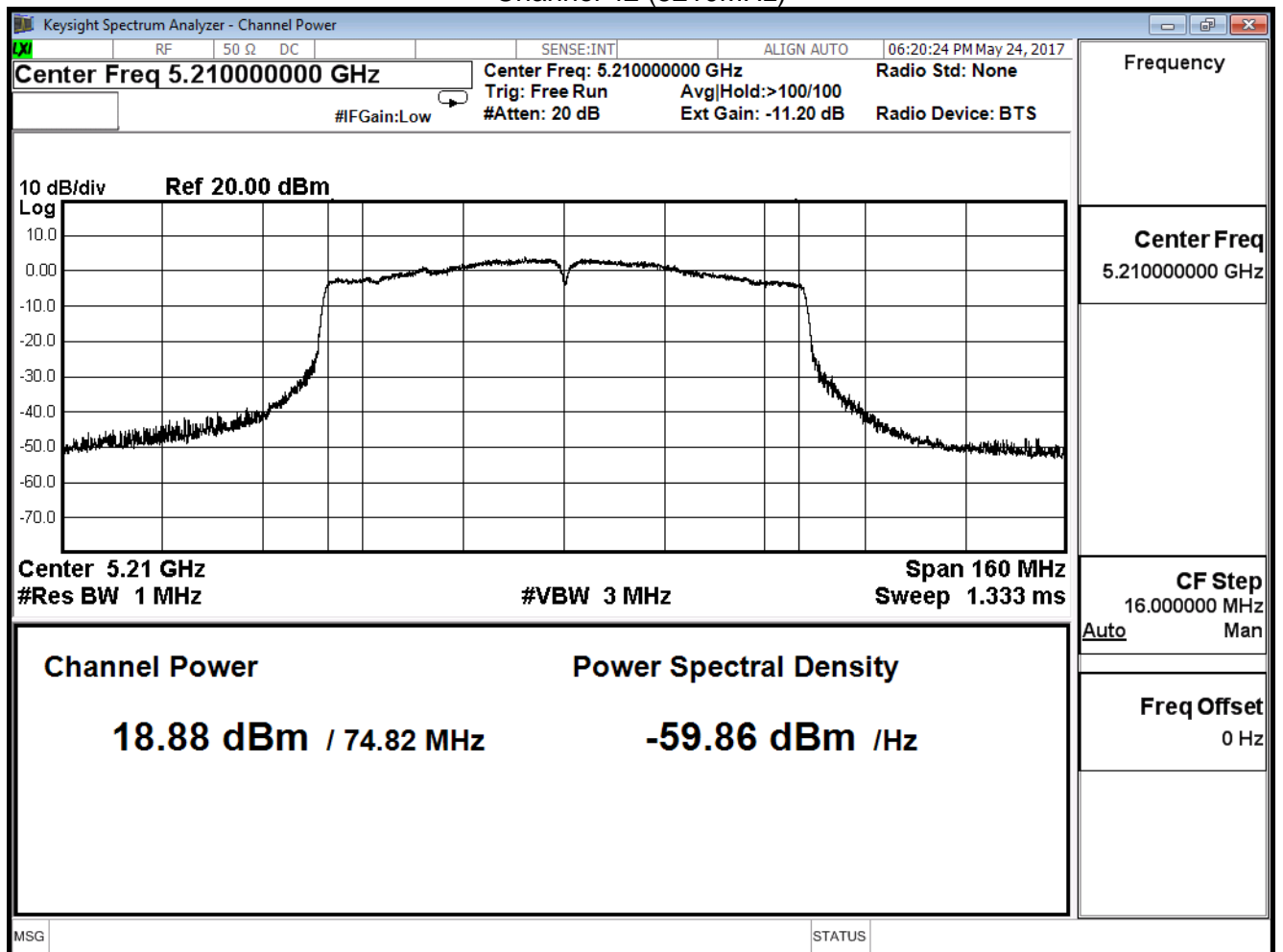
Effective array gain = 7.49 dBi

Limit = 30-(7.49-6) = 28.51 dBm

The worst emission of data rate is MCS0

Peak Power Output (dBm)												
Channel No	Frequency (MHz)	Data Rate										Required Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	
42	5210	18.88	18.66	18.22	18.02	17.88	17.64	17.24	17.03	16.90	16.72	≤ 28.51

Channel 42 (5210MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF _ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
42	5210	24.832	$\leq 28.51$

Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: TX CDD_ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

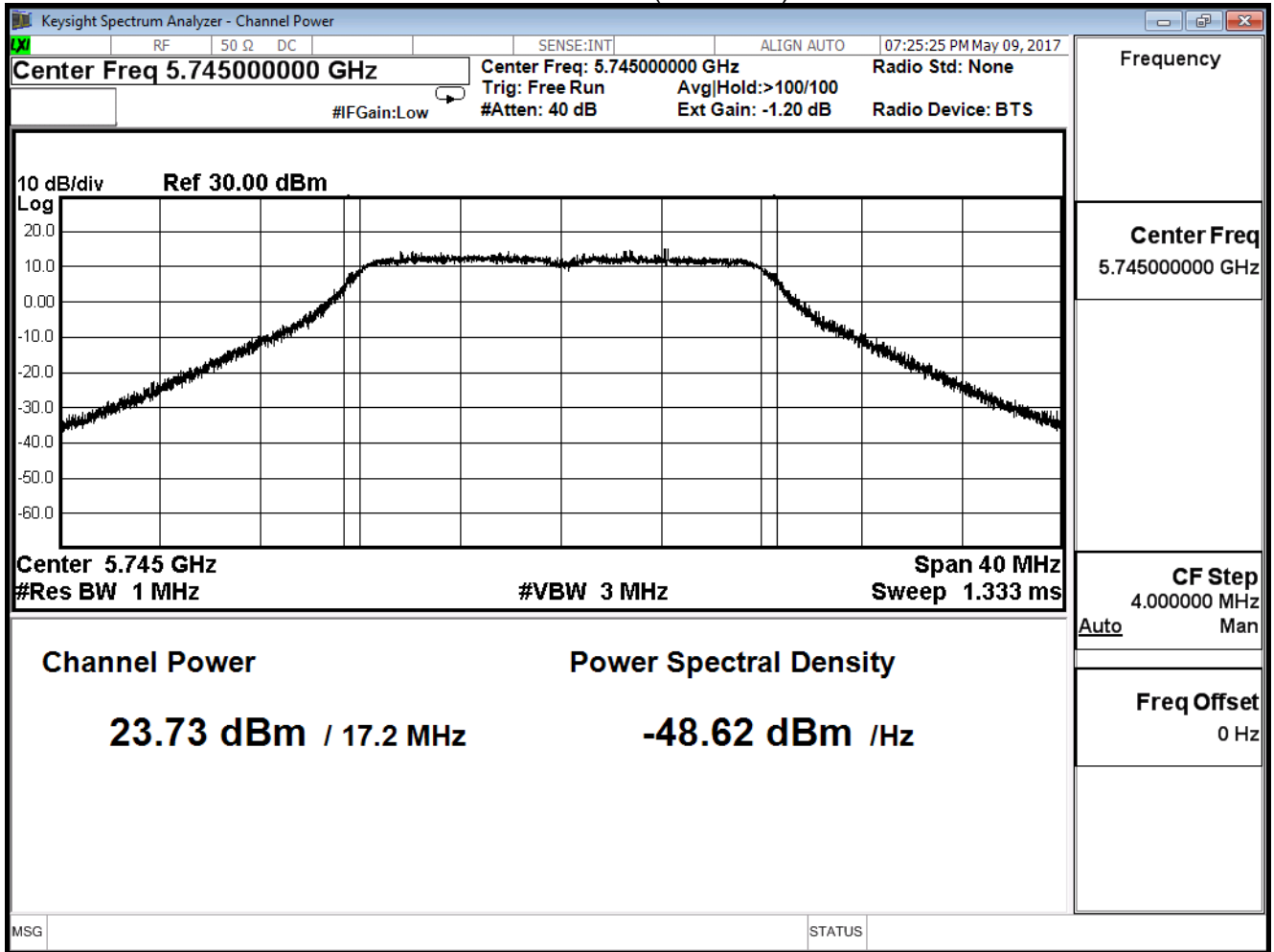
IEEE 802.11a (ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	23.73	≤ 30
157	5785	23.76	≤ 30
165	5825	23.75	≤ 30

The worst emission of data rate is 6Mbps.

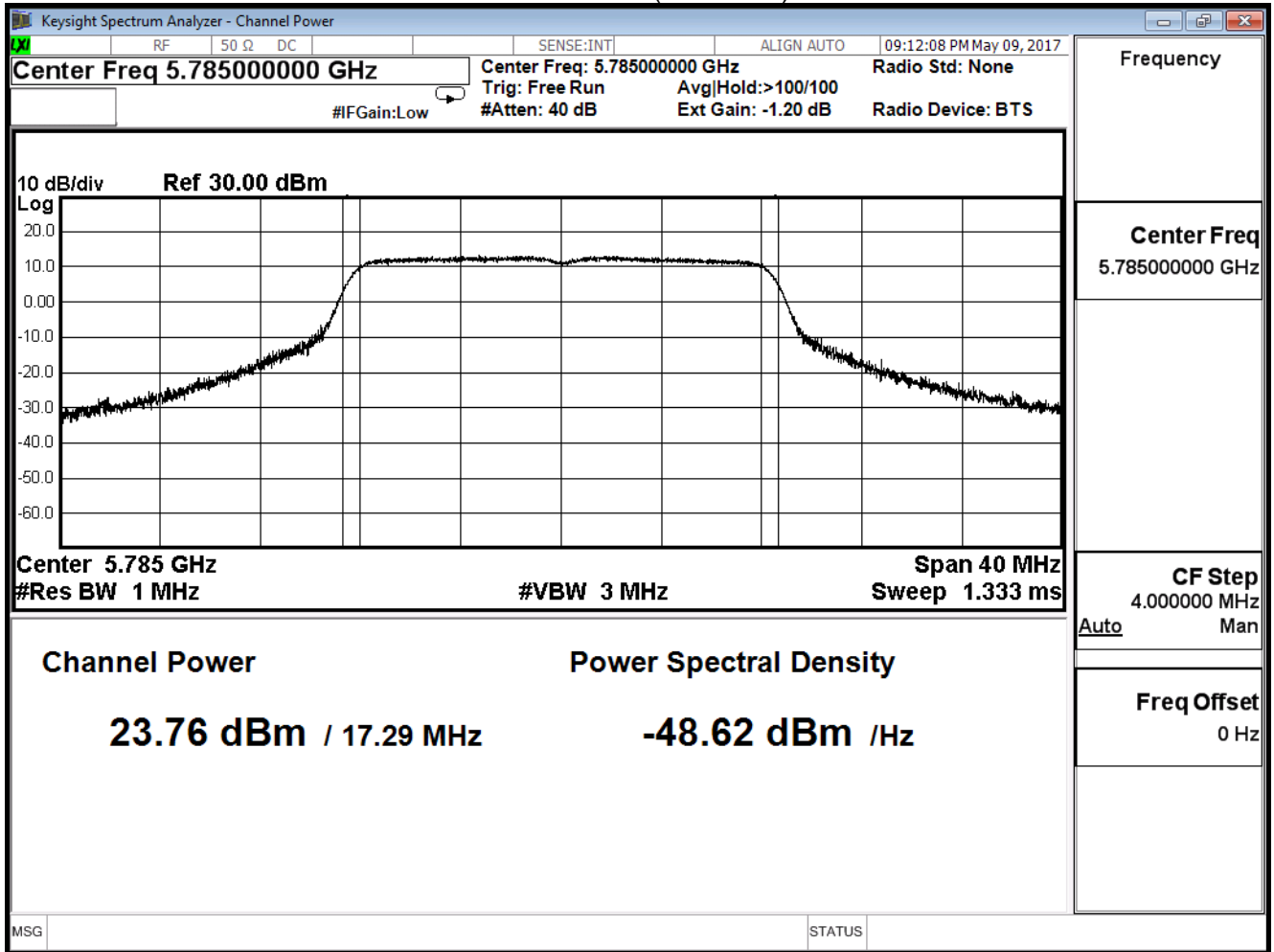
Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
149	5745	23.73	--	--	--	--	--	--	≤30dBm
157	5785	23.76	23.70	23.65	23.60	23.58	23.52	23.48	
165	5825	23.75	--	--	--	--	--	--	

Channel 149 (5745MHz)

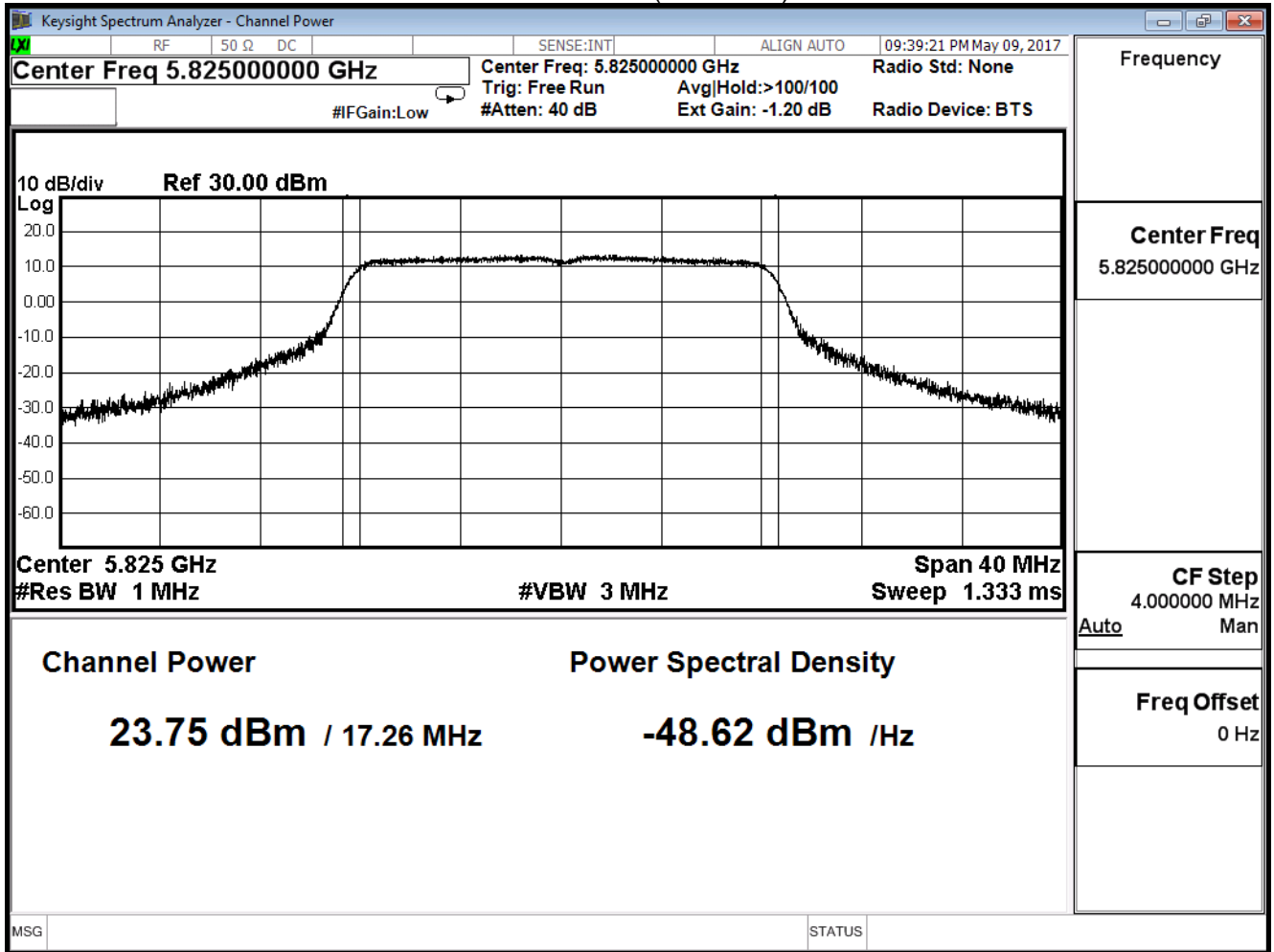




Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: TX CDD_ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

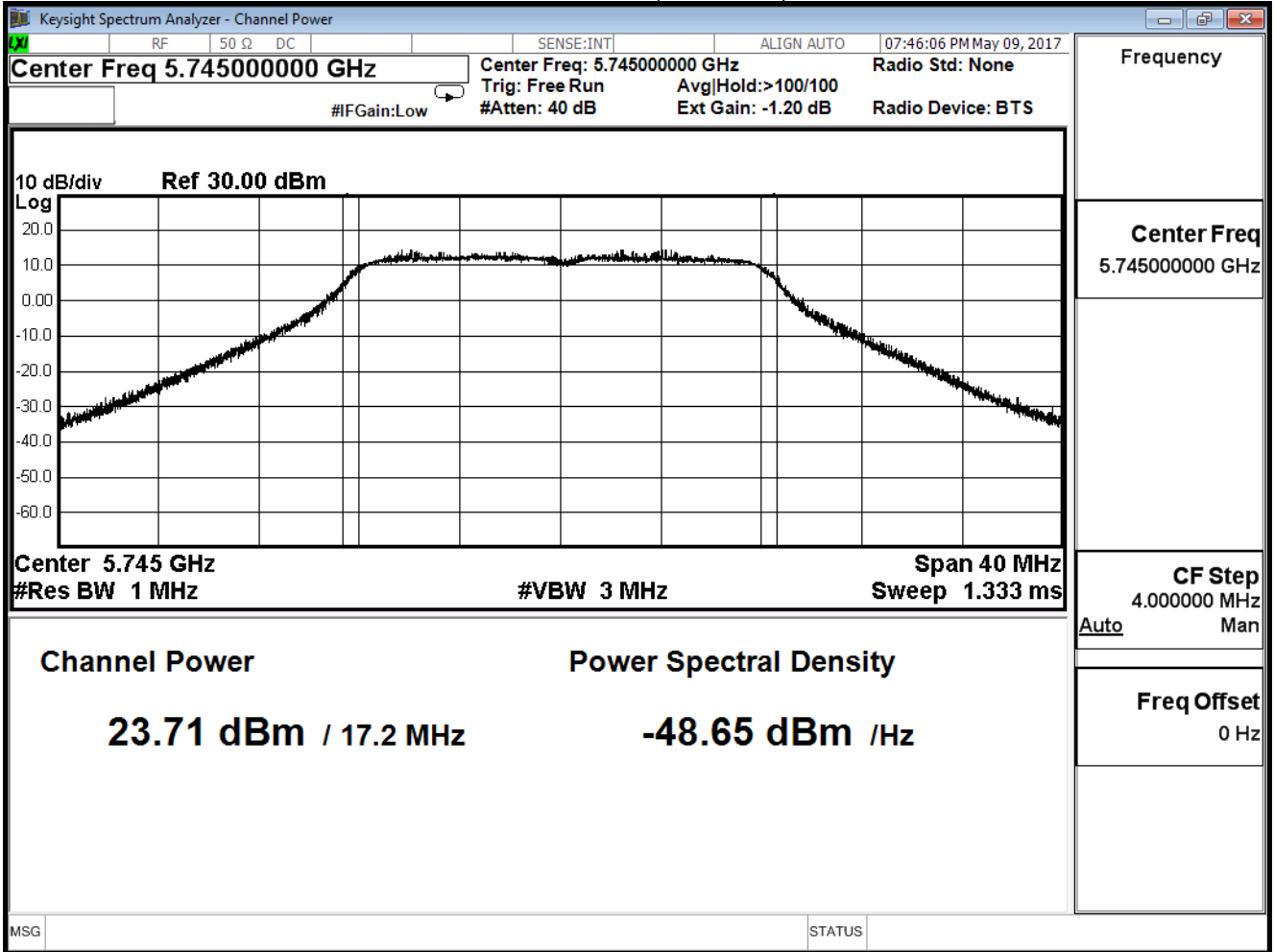
IEEE 802.11a (ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	23.71	≤ 30
157	5785	23.72	≤ 30
165	5825	23.75	≤ 30

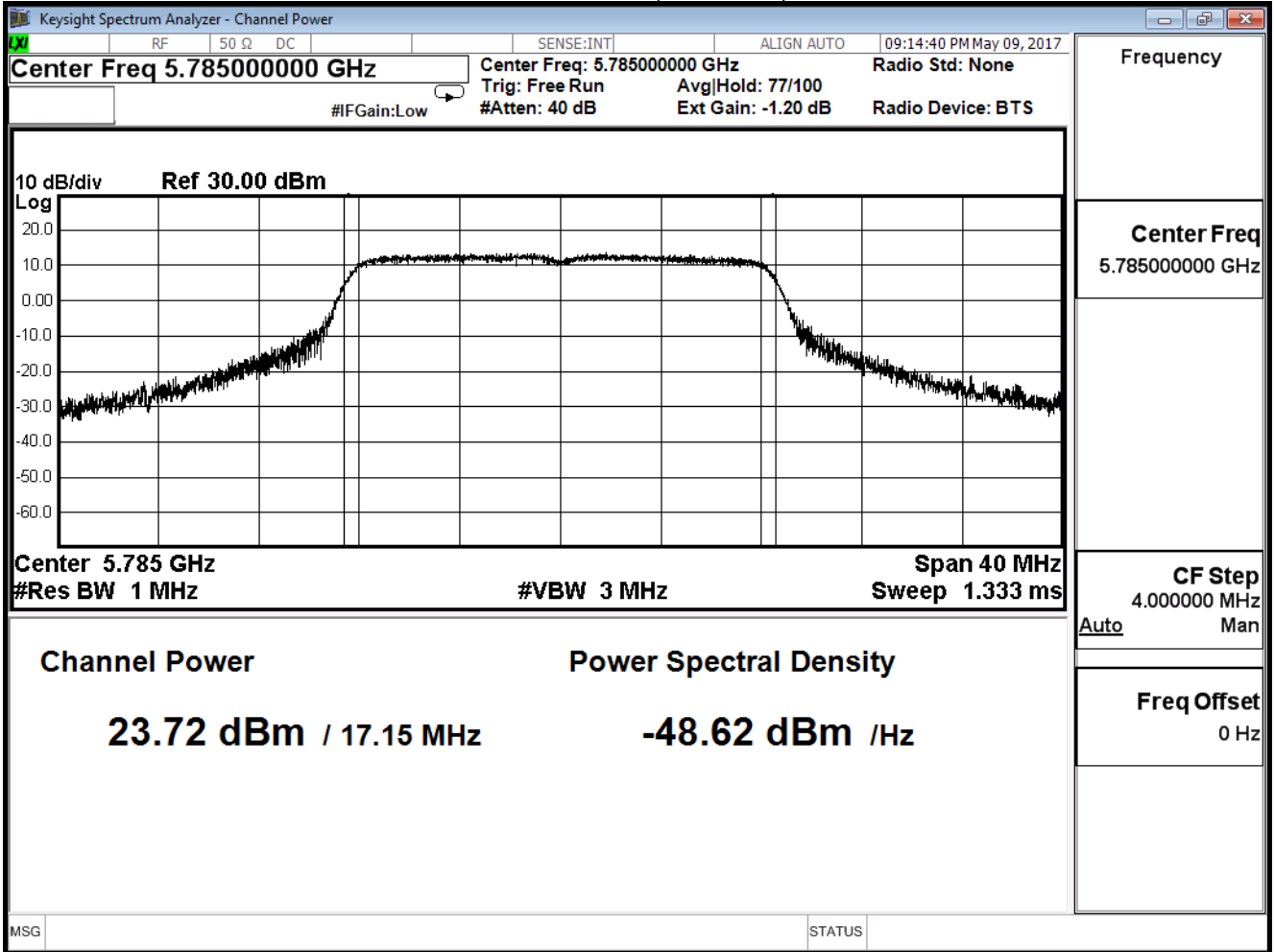
The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
149	5745	23.71	--	--	--	--	--	--	≤30dBm
157	5785	23.72	23.68	23.63	23.59	23.50	23.43	23.39	
165	5825	23.75	--	--	--	--	--	--	

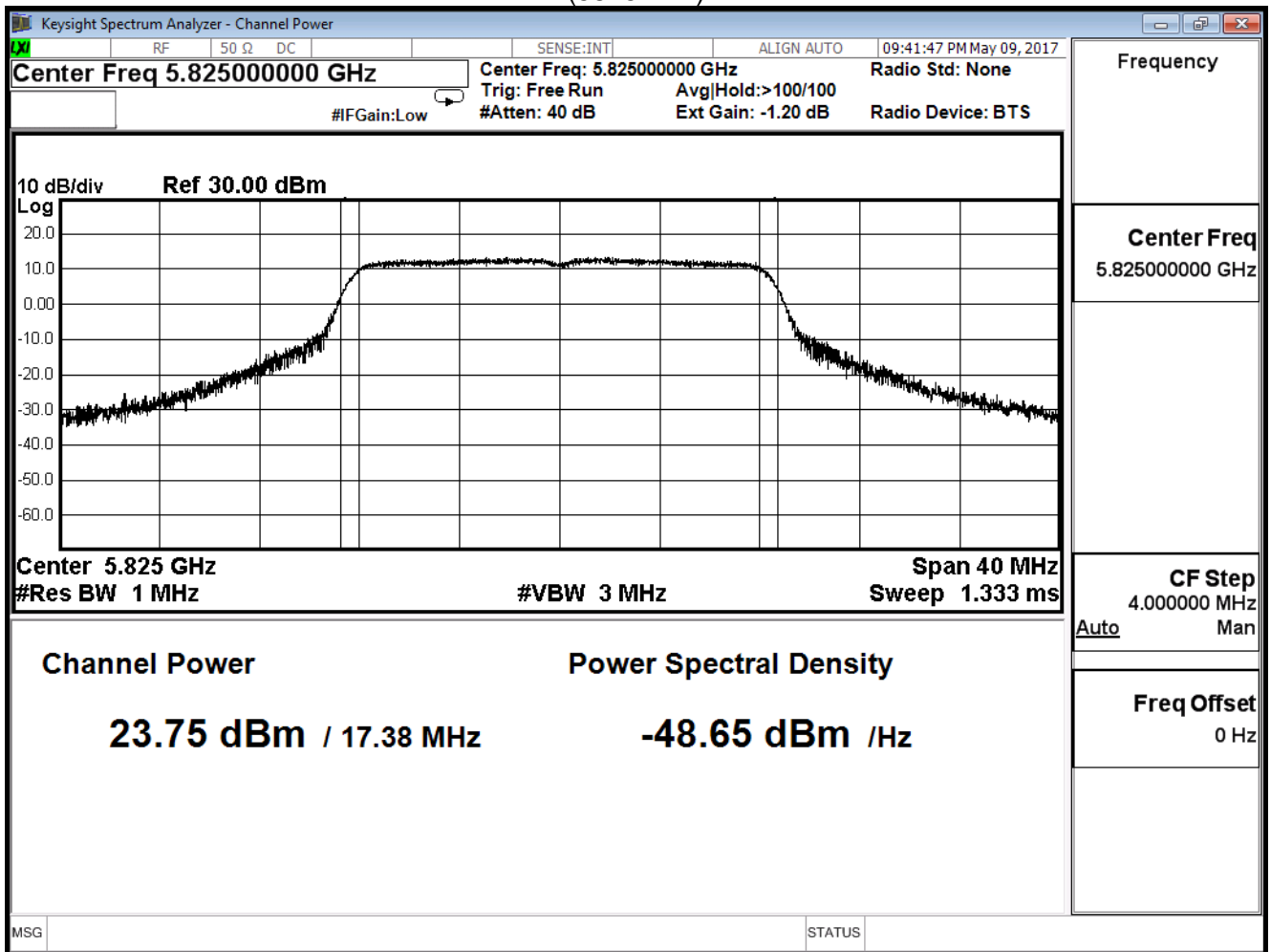
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165  
(5825MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: TX CDD_ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

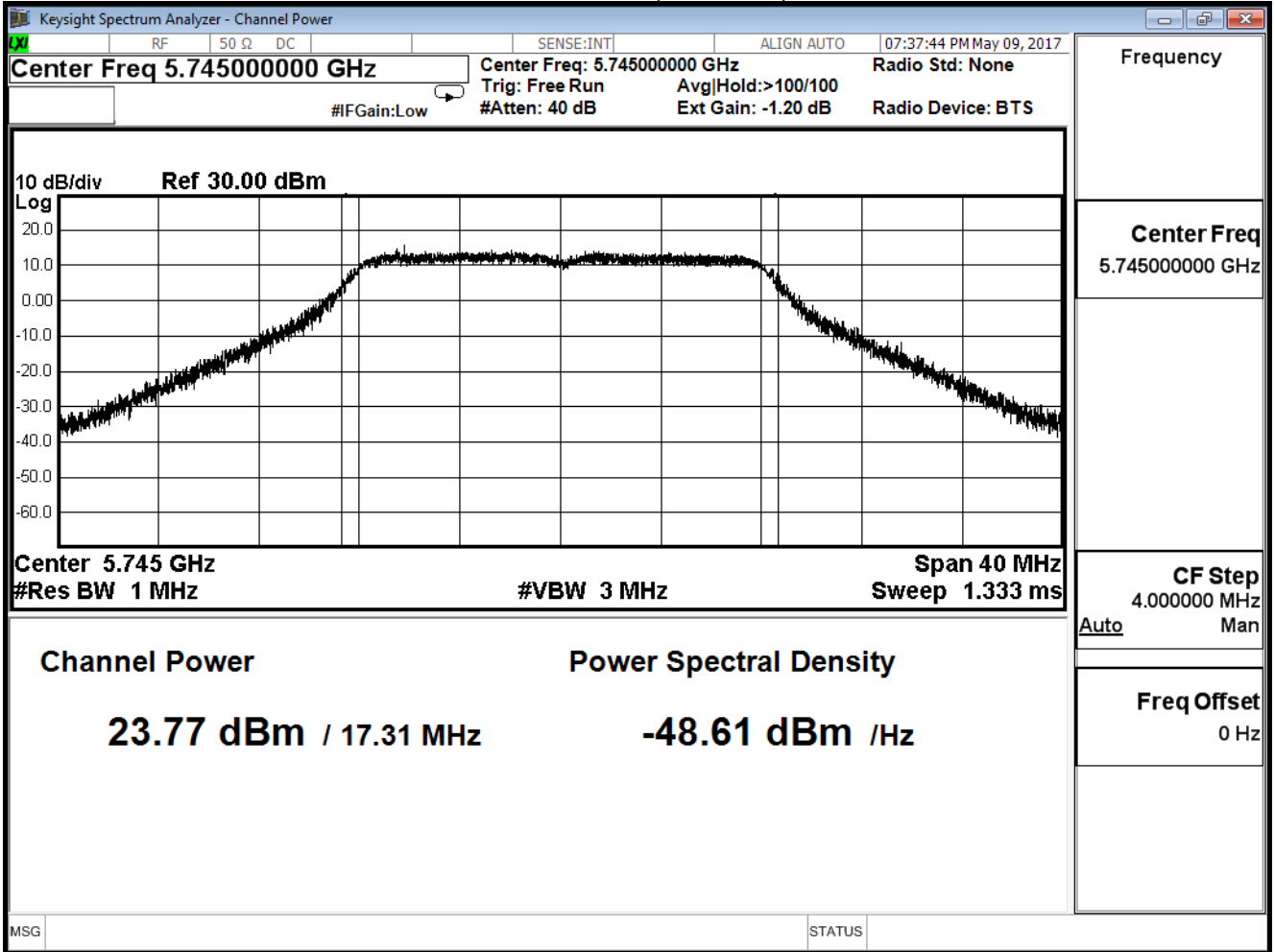
## IEEE 802.11a (ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	23.77	$\leq 30$
157	5785	23.78	$\leq 30$
165	5825	23.81	$\leq 30$

The worst emission of data rate is 6Mbps

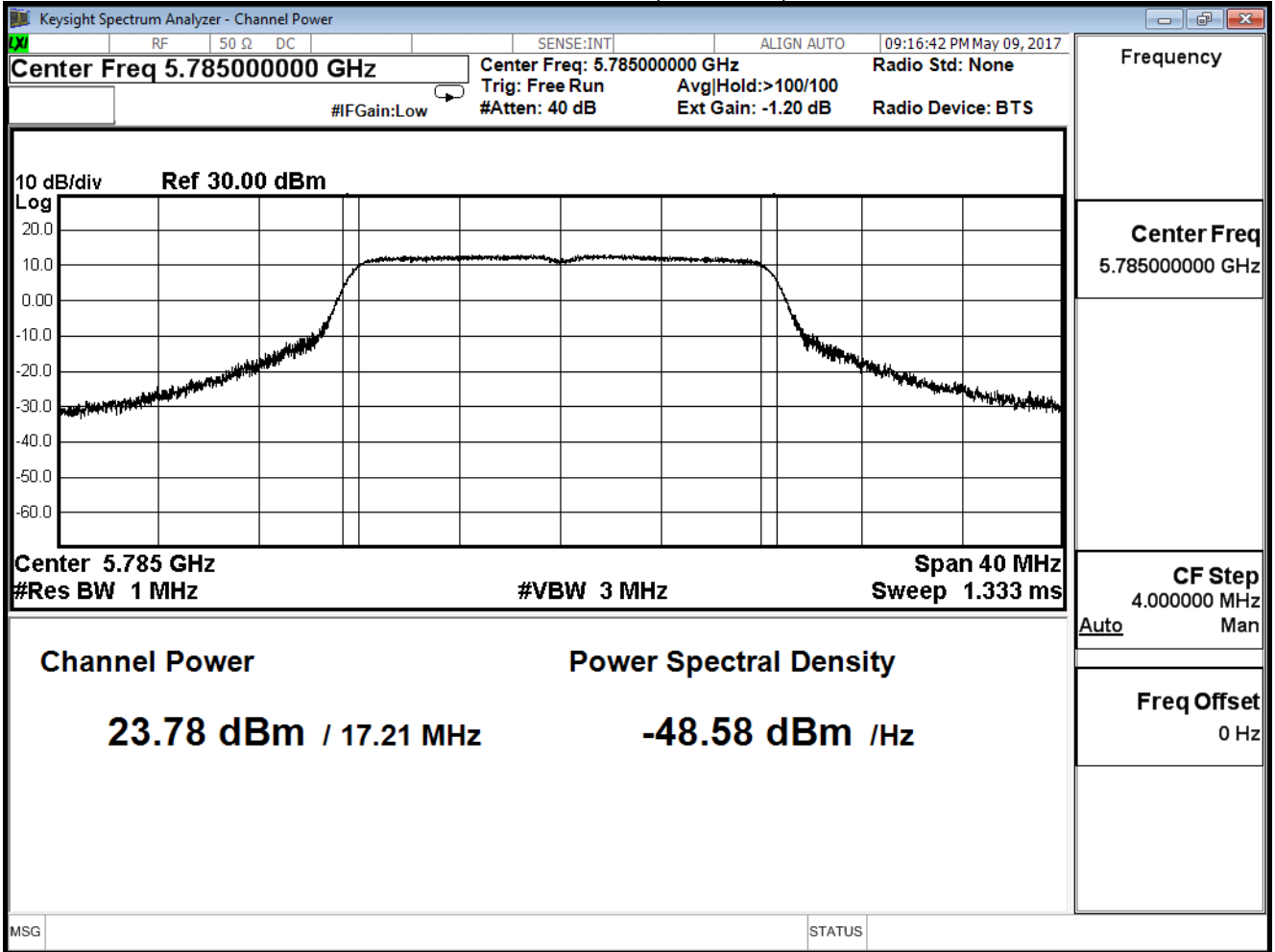
Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
149	5745	23.77	--	--	--	--	--	--	$\leq 30\text{dBm}$
157	5785	23.78	23.74	23.70	23.65	23.61	23.58	23.55	
165	5825	23.81	--	--	--	--	--	--	

Channel 149 (5745MHz)

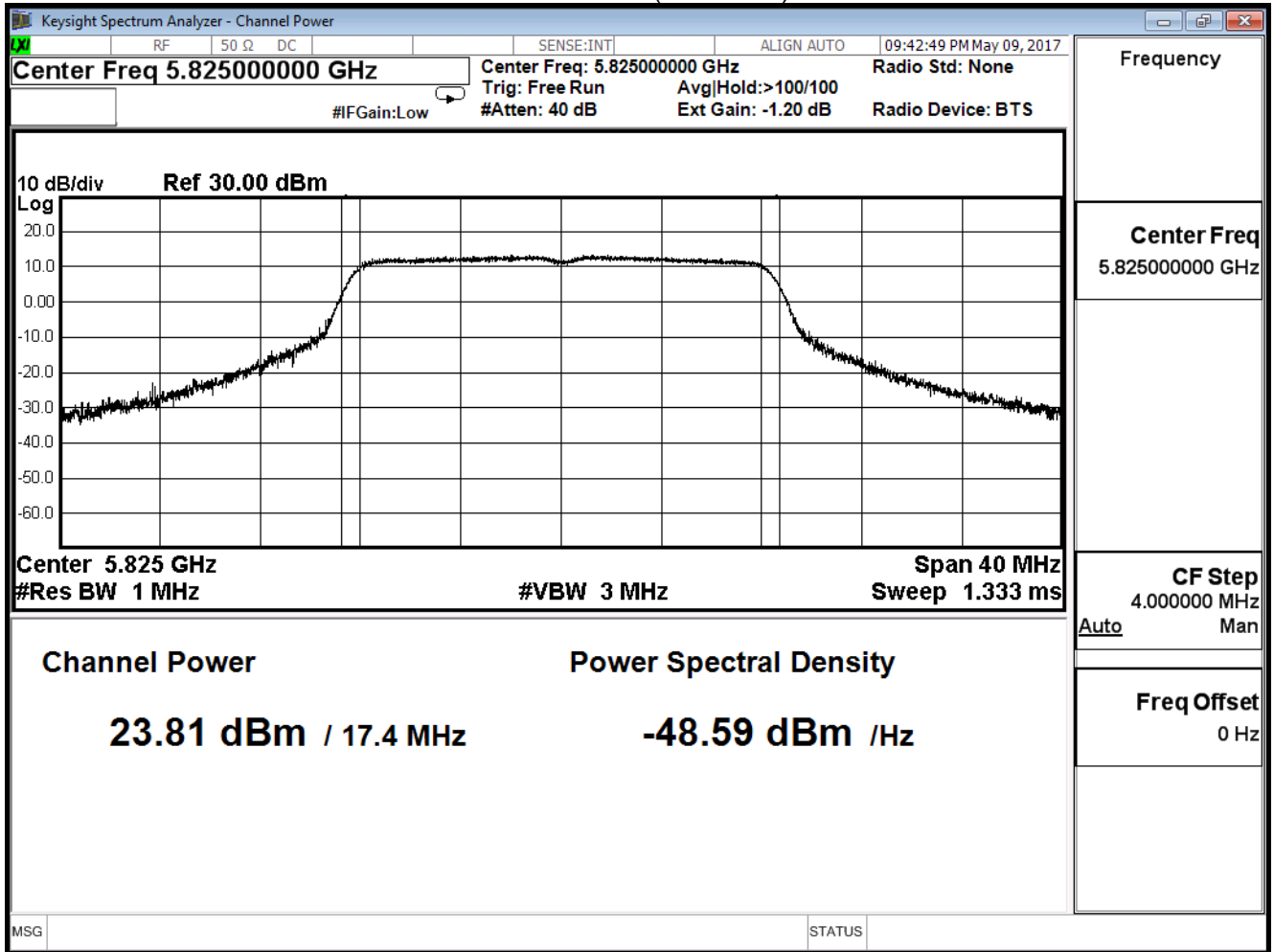




Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: TX CDD_ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

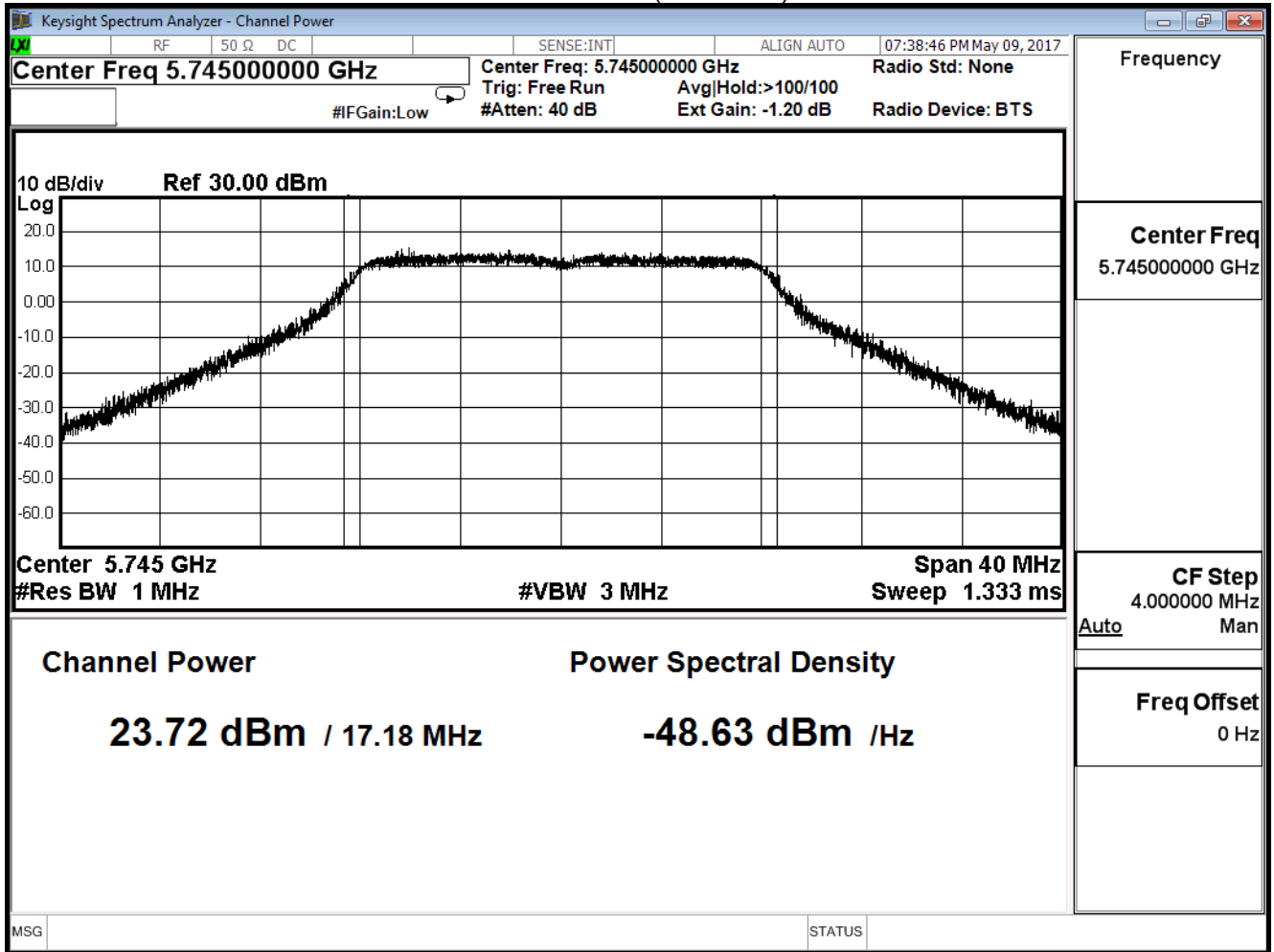
## IEEE 802.11a (ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	23.72	$\leq 30$
157	5785	23.72	$\leq 30$
165	5825	23.76	$\leq 30$

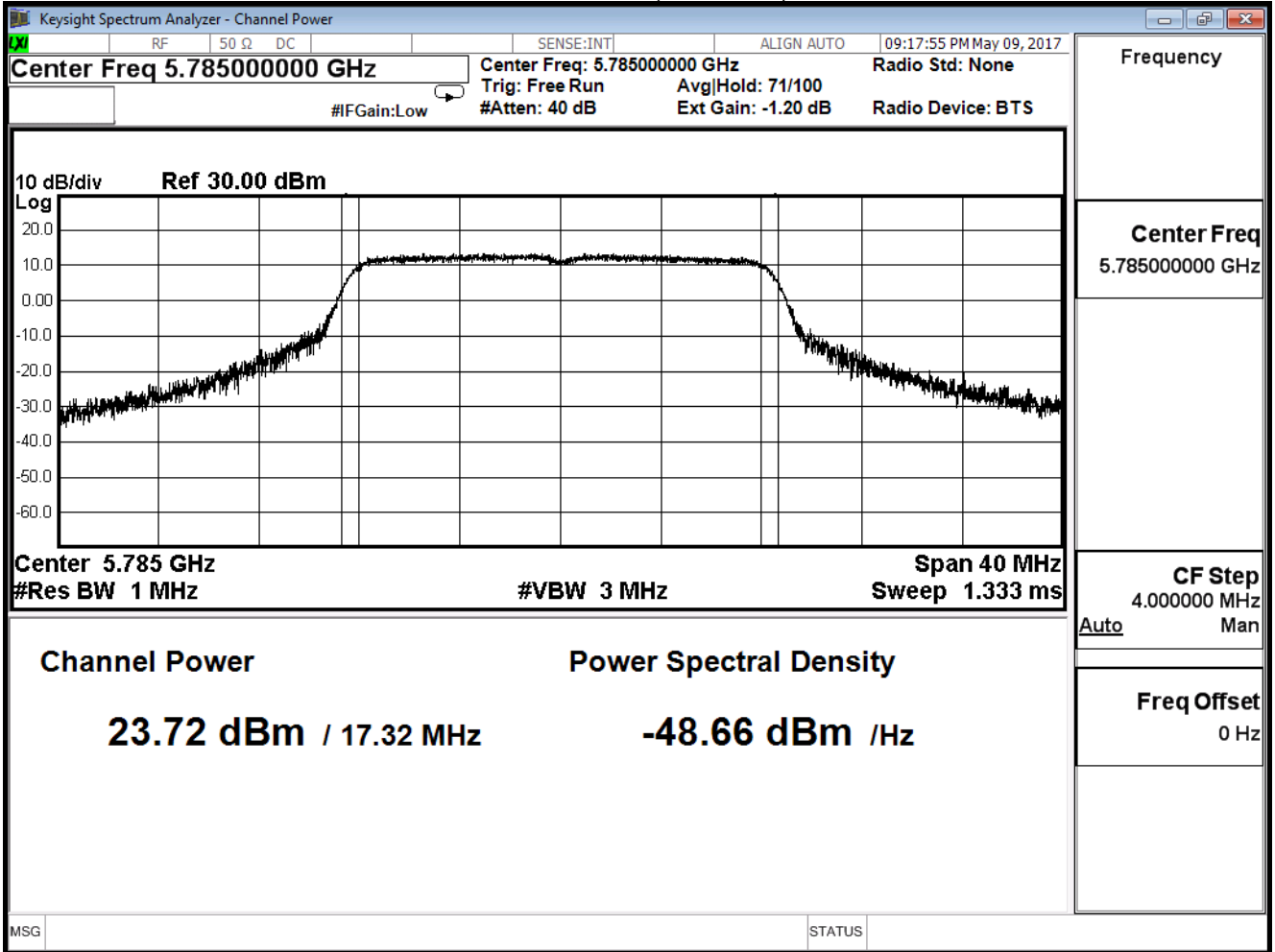
The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
149	5745	23.72	--	--	--	--	--	--	$\leq 30\text{dBm}$
157	5785	23.72	23.67	23.61	23.58	23.53	23.48	23.42	
165	5825	23.76	--	--	--	--	--	--	

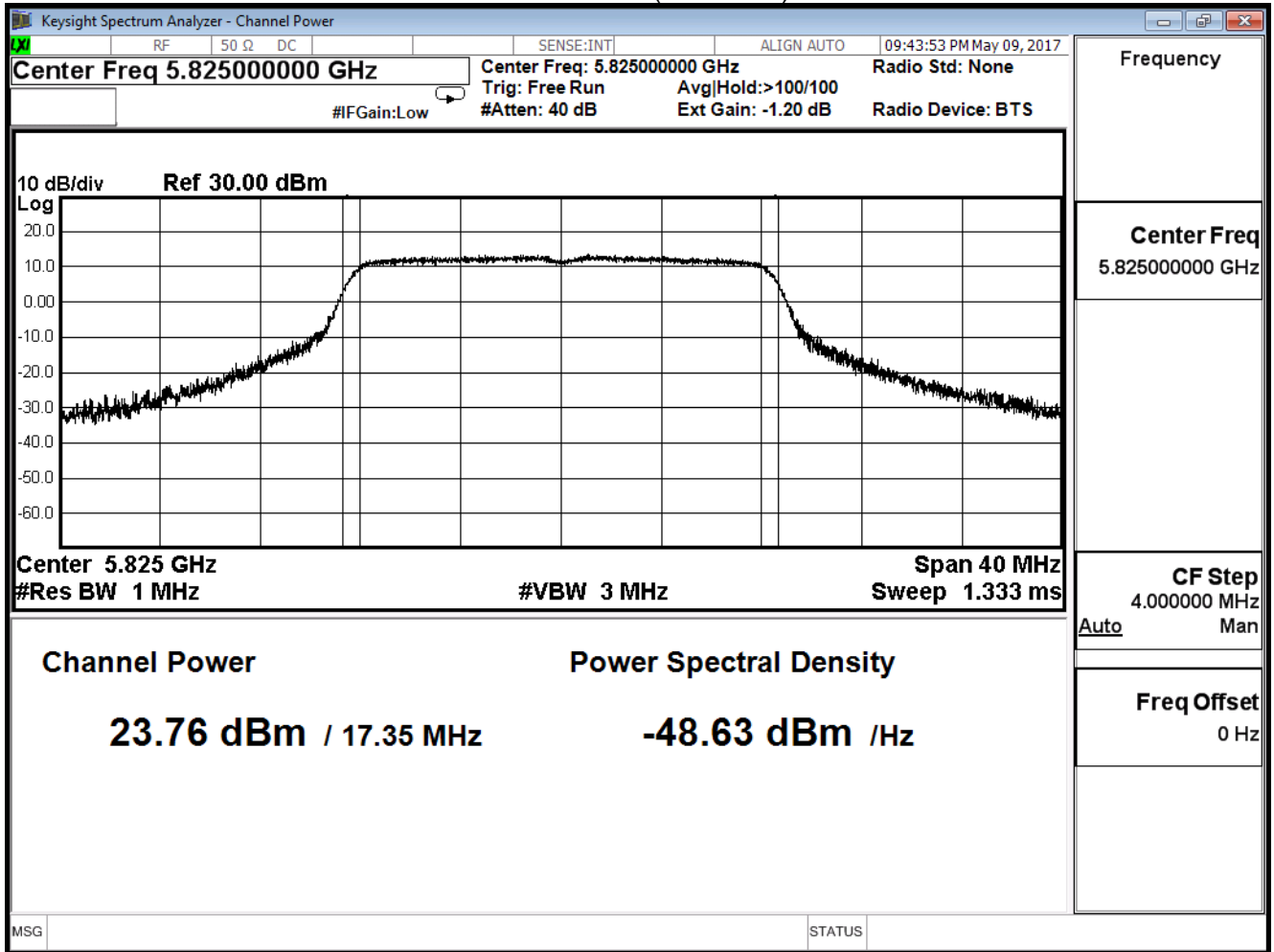
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: TX CDD_ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	29.75	≤30
157	5785	29.77	≤30
165	5825	29.79	≤30

Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 0)

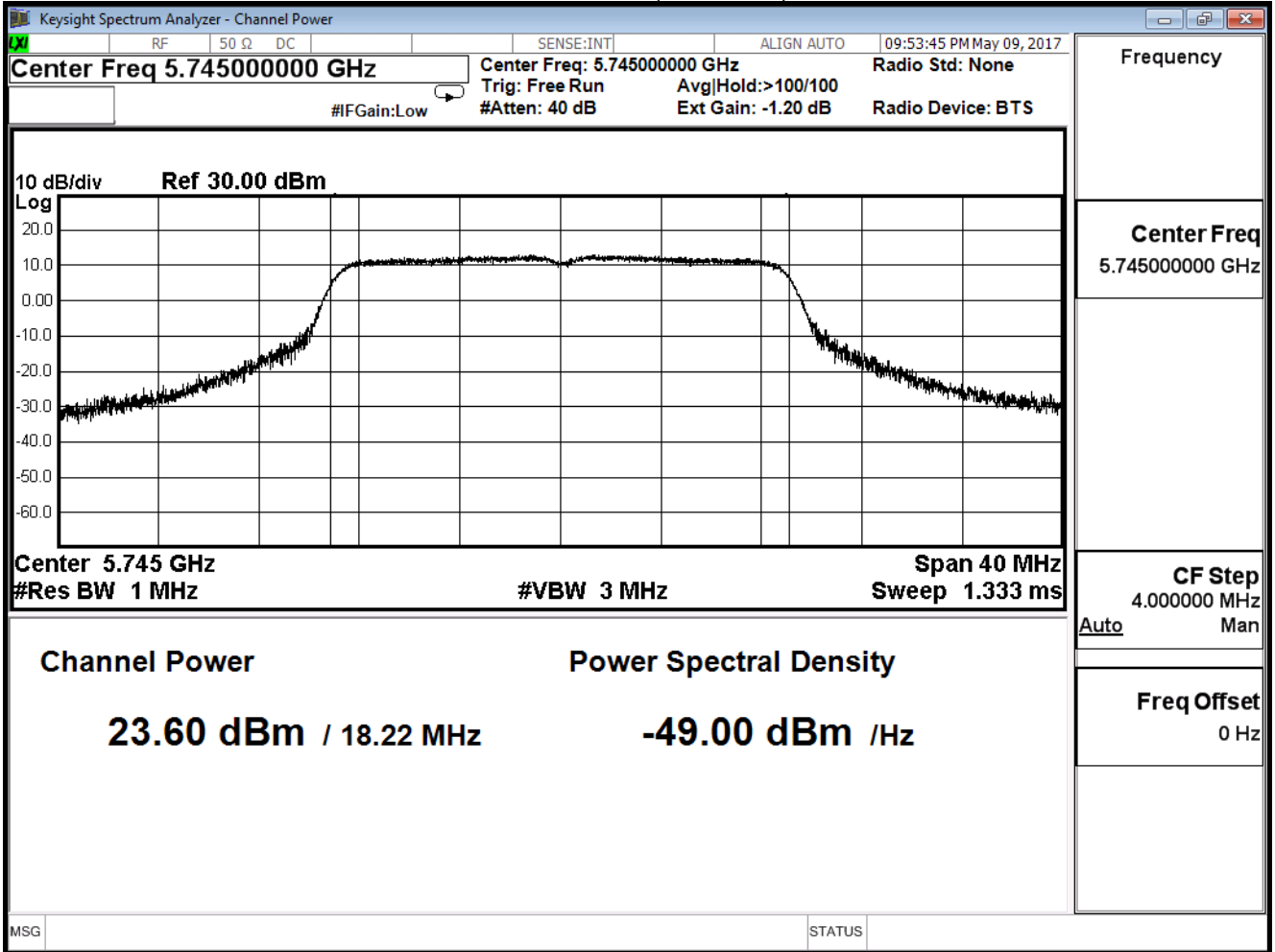
Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	23.60	≤ 30
157	5785	23.73	≤ 30
165	5825	23.81	≤ 30

The worst emission of data rate is 24 Mbps.

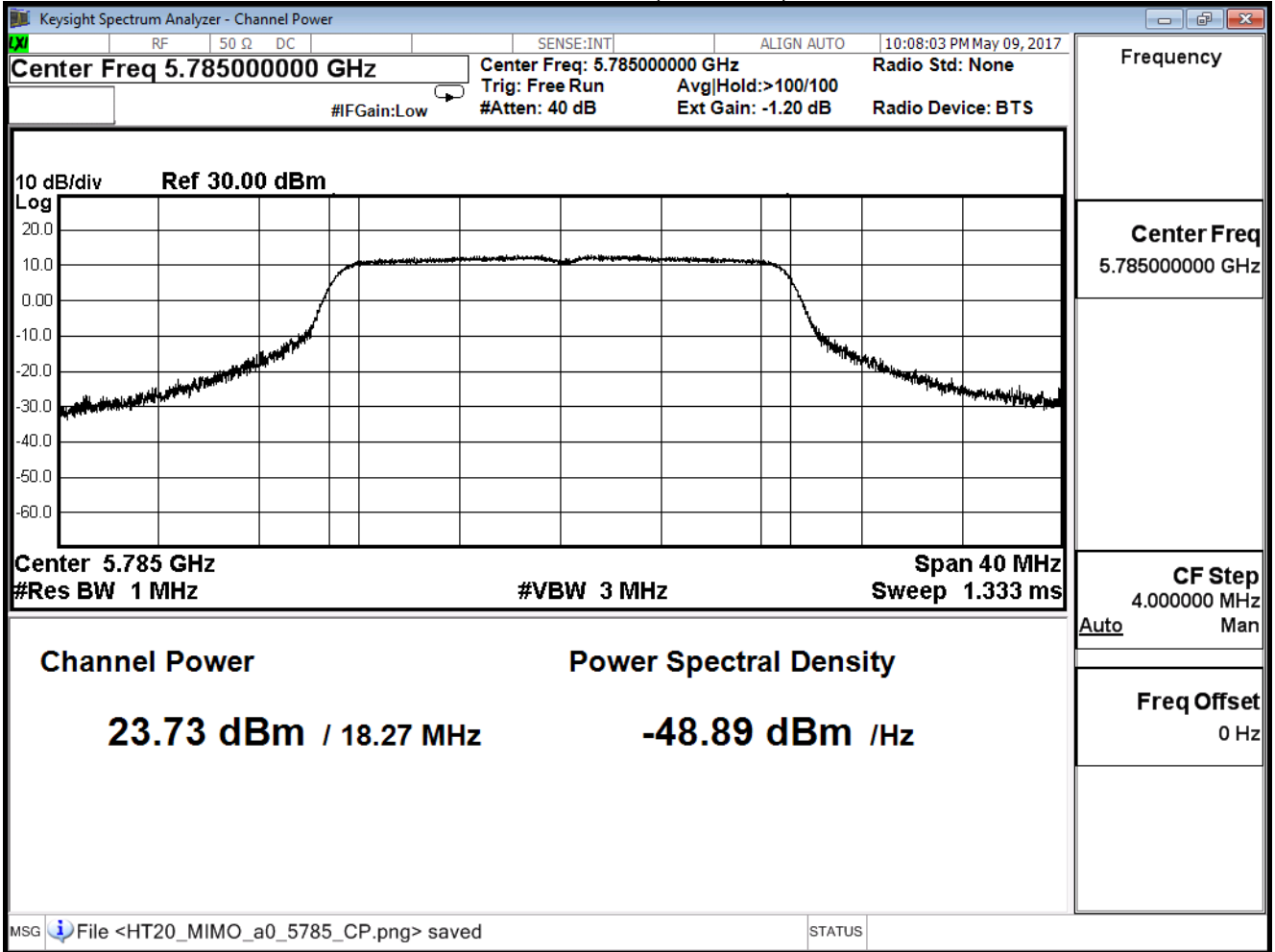
Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit
		24	25	26	27	28	29	30	31	
149	5745	23.60	--	--	--	--	--	--	--	≤30dBm
157	5785	23.73	23.69	23.64	23.60	23.56	23.50	23.44	23.36	
165	5825	23.81	--	--	--	--	--	--	--	



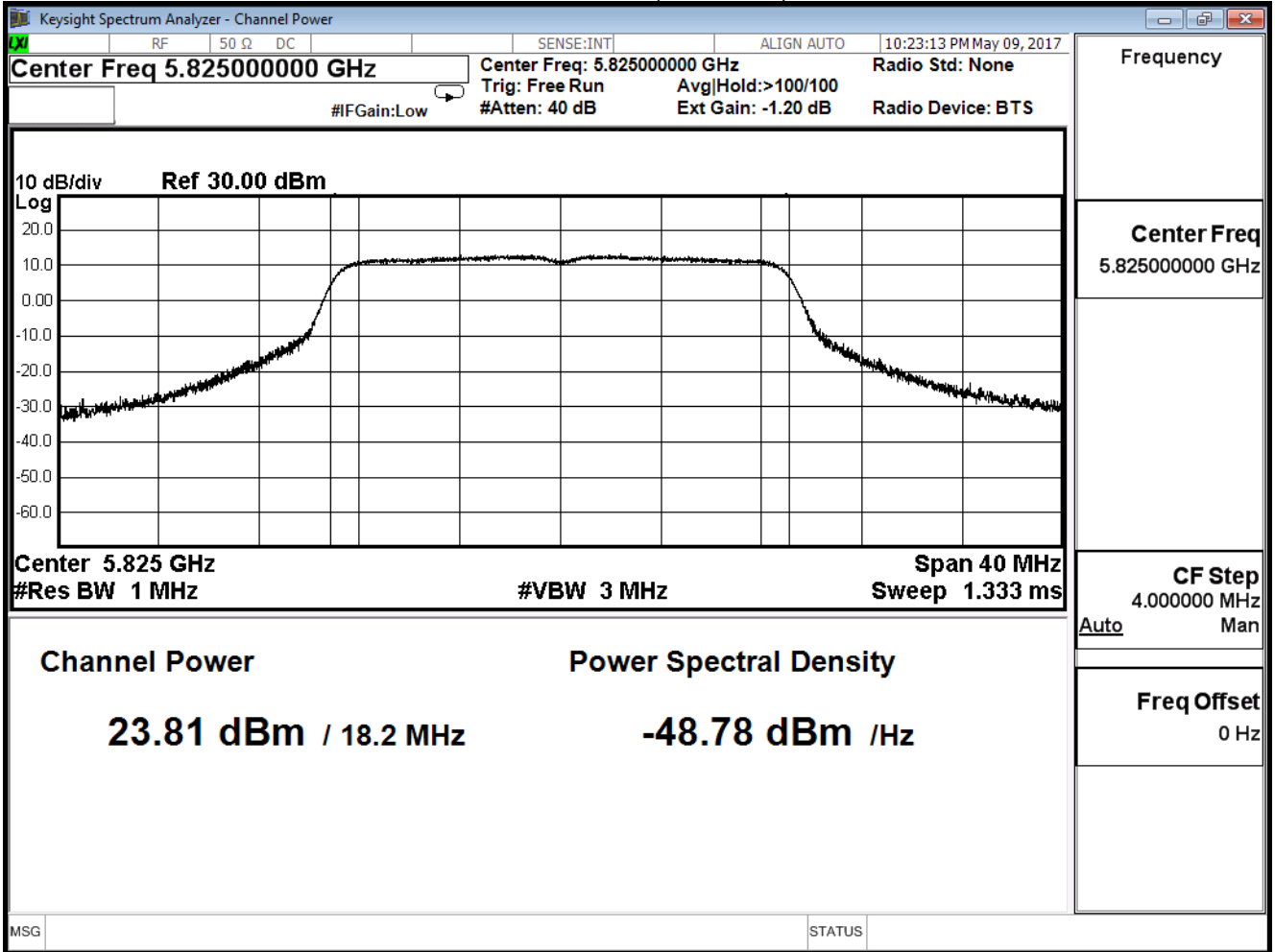
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

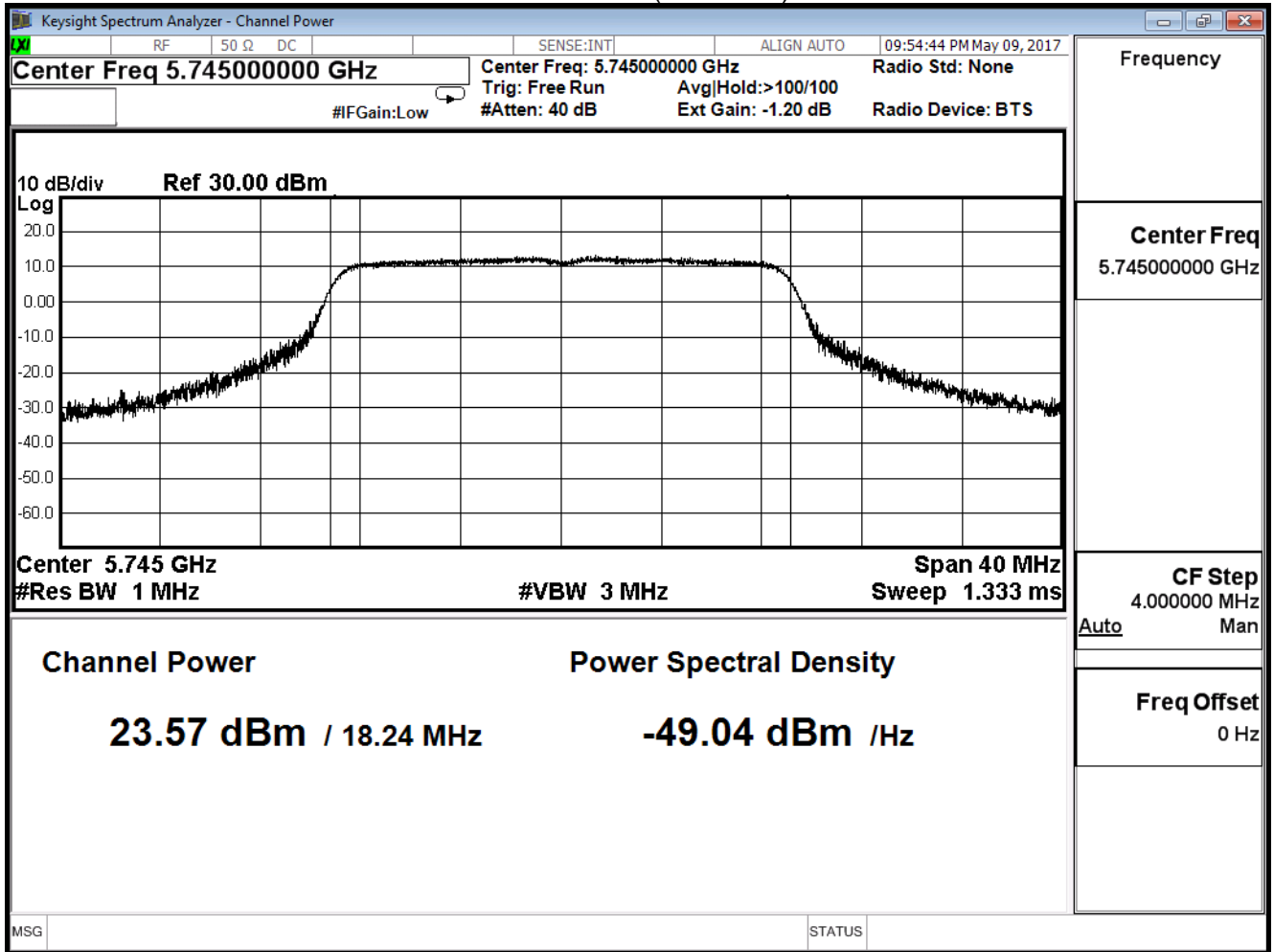
IEEE 802.11n(20MHz) (ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	23.57	≤ 30
157	5785	23.75	≤ 30
165	5825	23.84	≤ 30

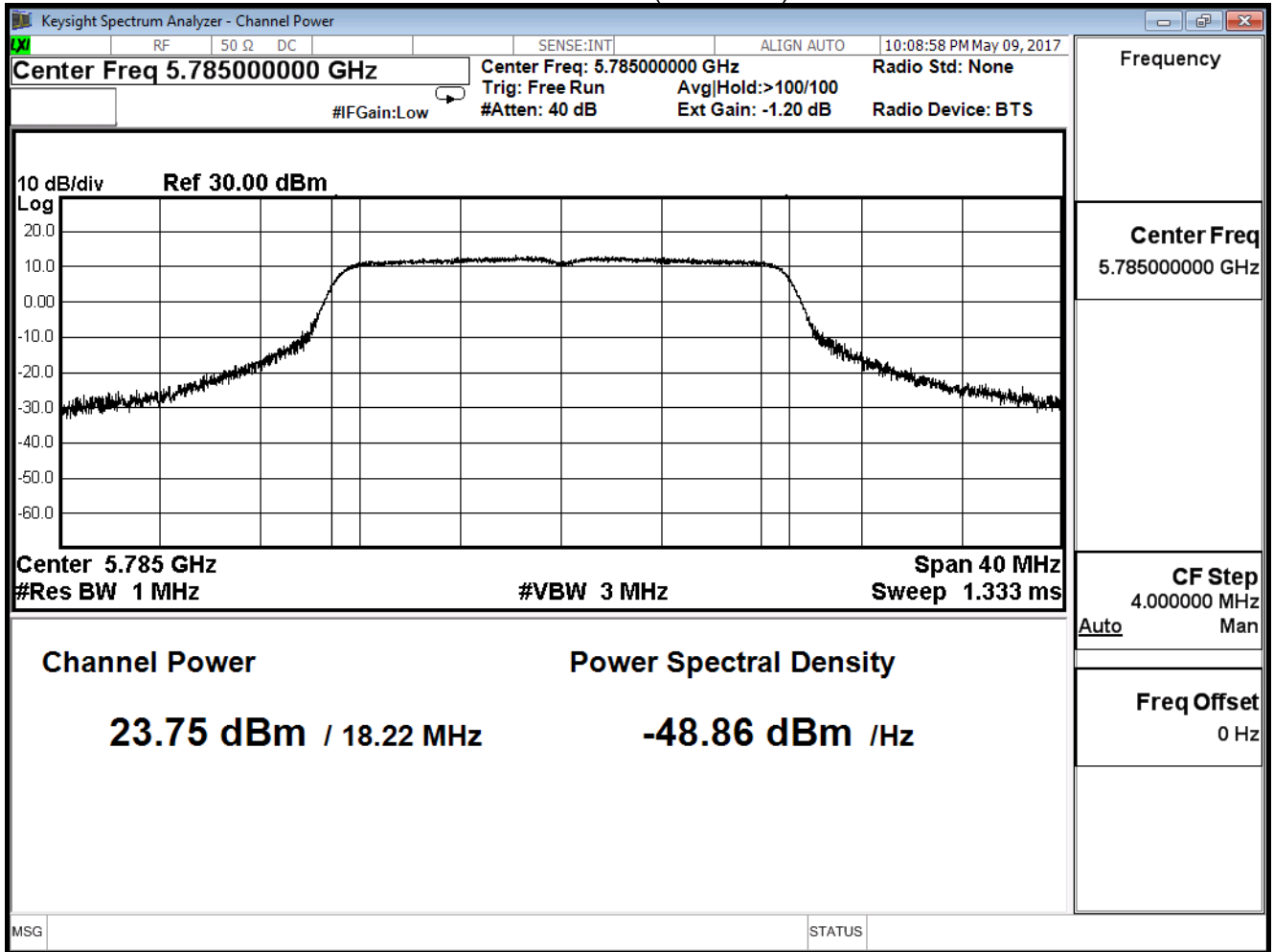
The worst emission of data rate is 24 Mbps.

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit
		24	25	26	27	28	29	30	31	
149	5745	23.57	--	--	--	--	--	--	--	≤30dBm
157	5785	23.75	23.7	23.64	23.56	23.49	23.37	23.21	23.13	
165	5825	23.84	--	--	--	--	--	--	--	

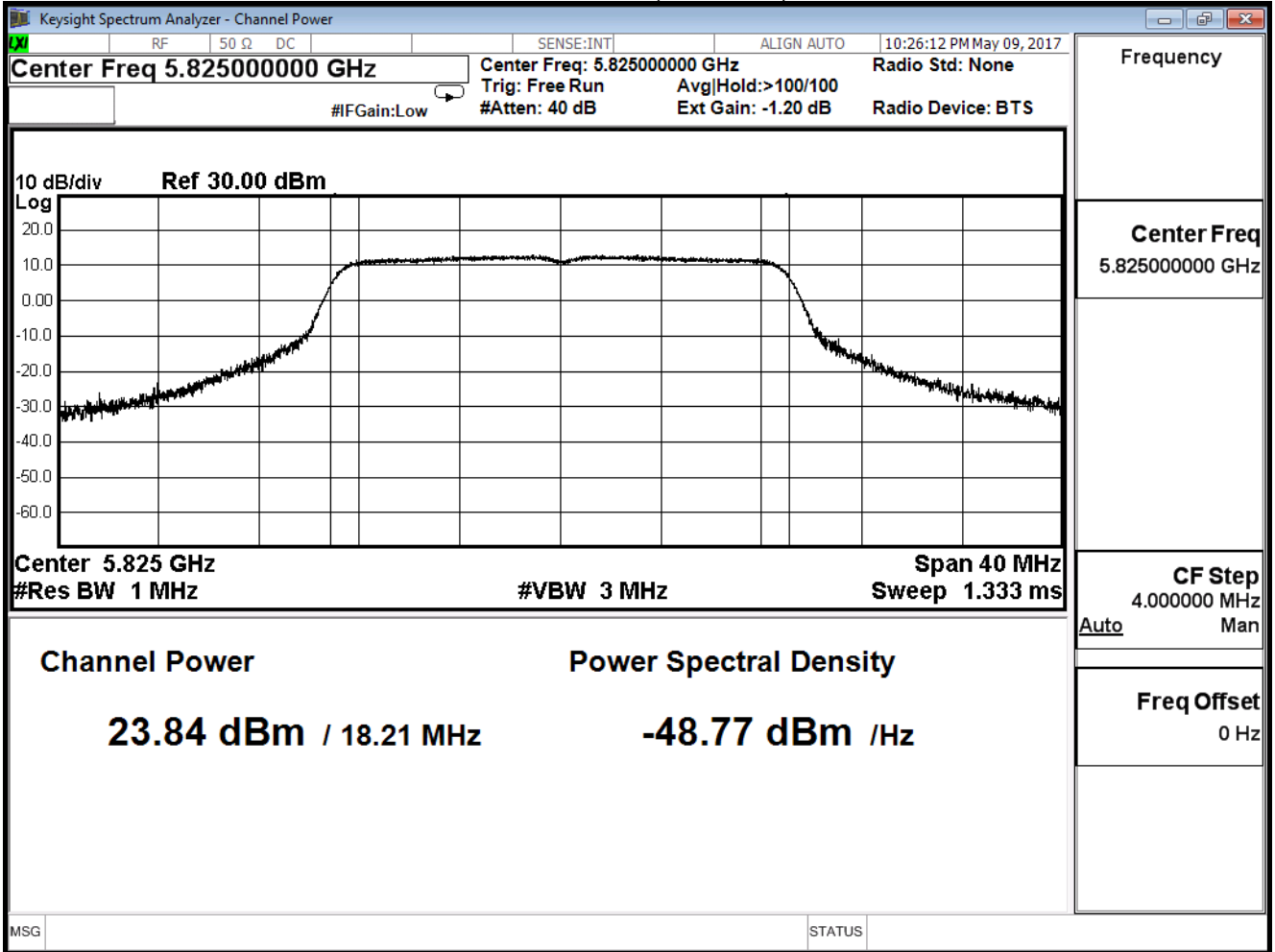
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 2)

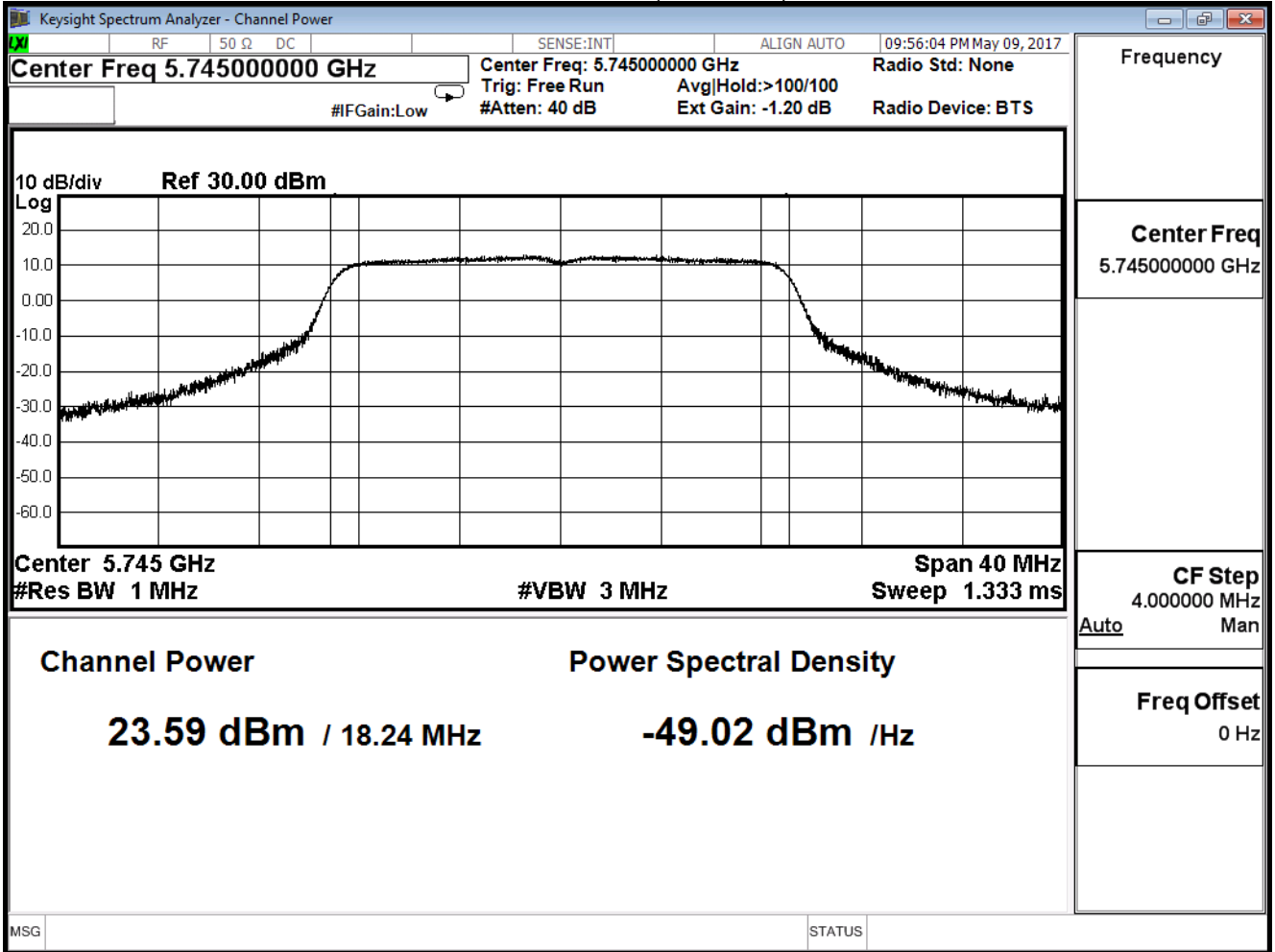
Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	23.59	≤ 30
157	5785	23.73	≤ 30
165	5825	23.83	≤ 30

The worst emission of data rate is 24 Mbps.

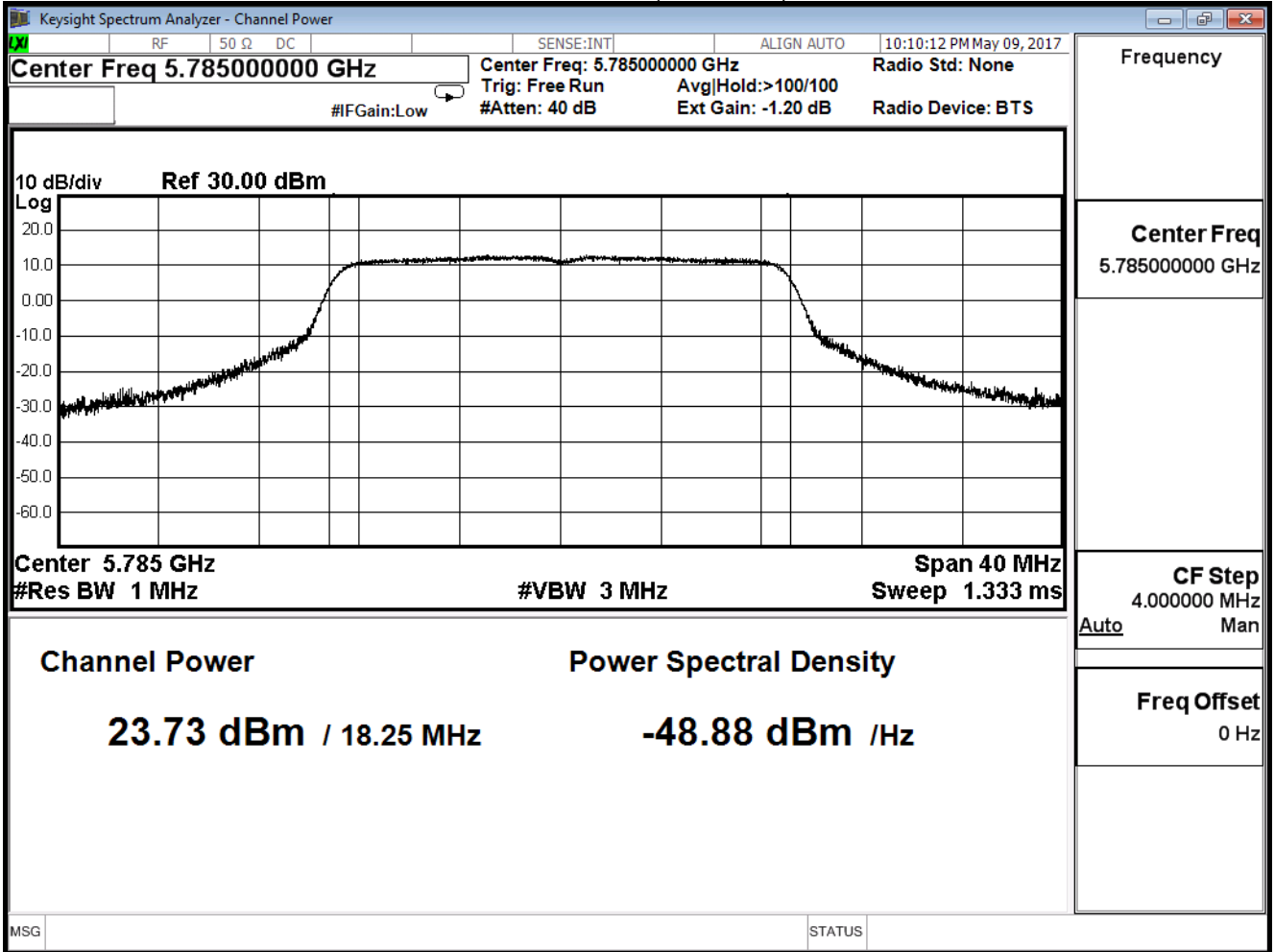
Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit
		24	25	26	27	28	29	30	31	
149	5745	23.59	--	--	--	--	--	--	--	≤30dBm
157	5785	23.73	23.66	23.53	23.29	23.11	23.01	22.91	22.67	
165	5825	23.83	--	--	--	--	--	--	--	



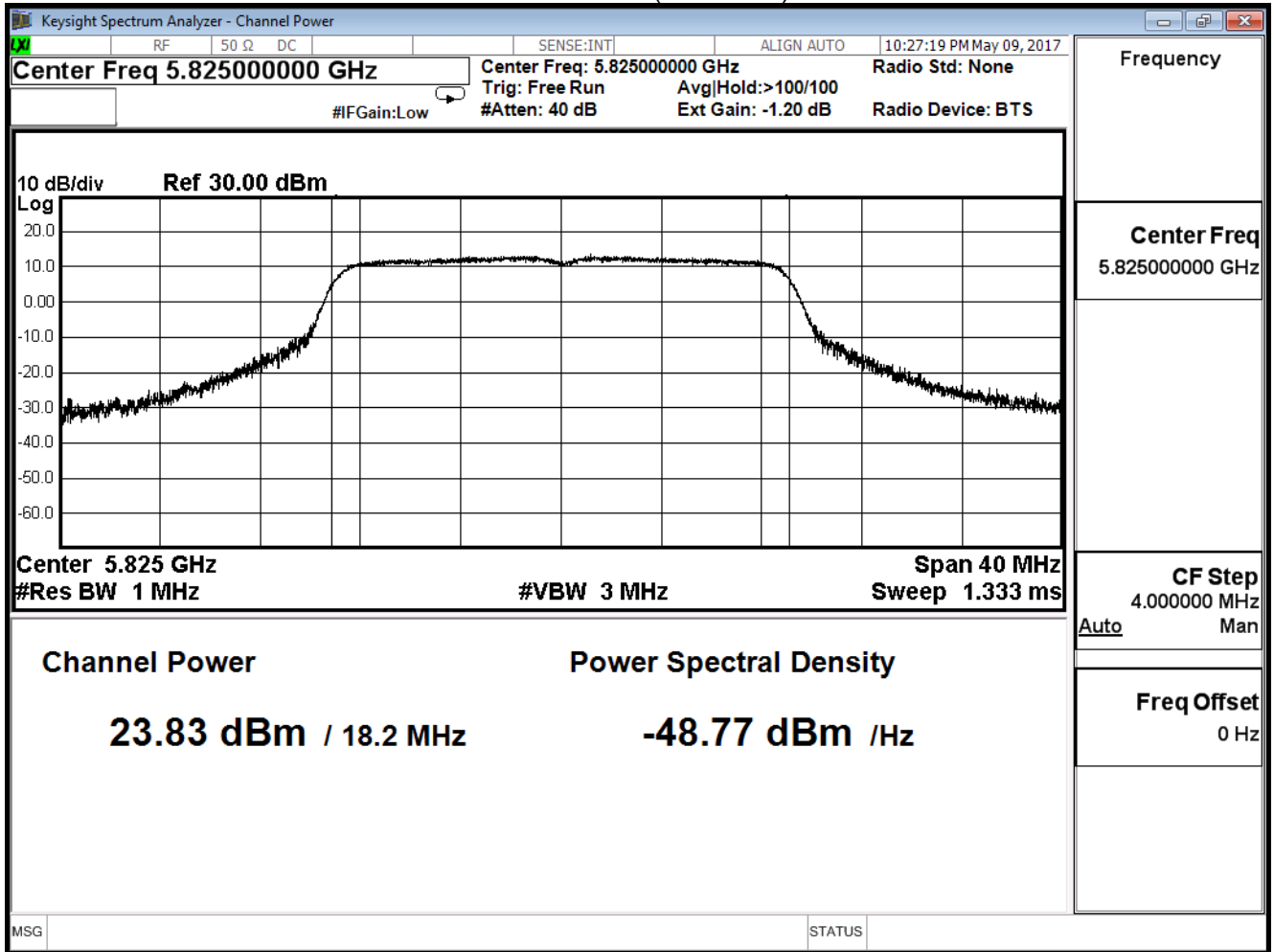
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

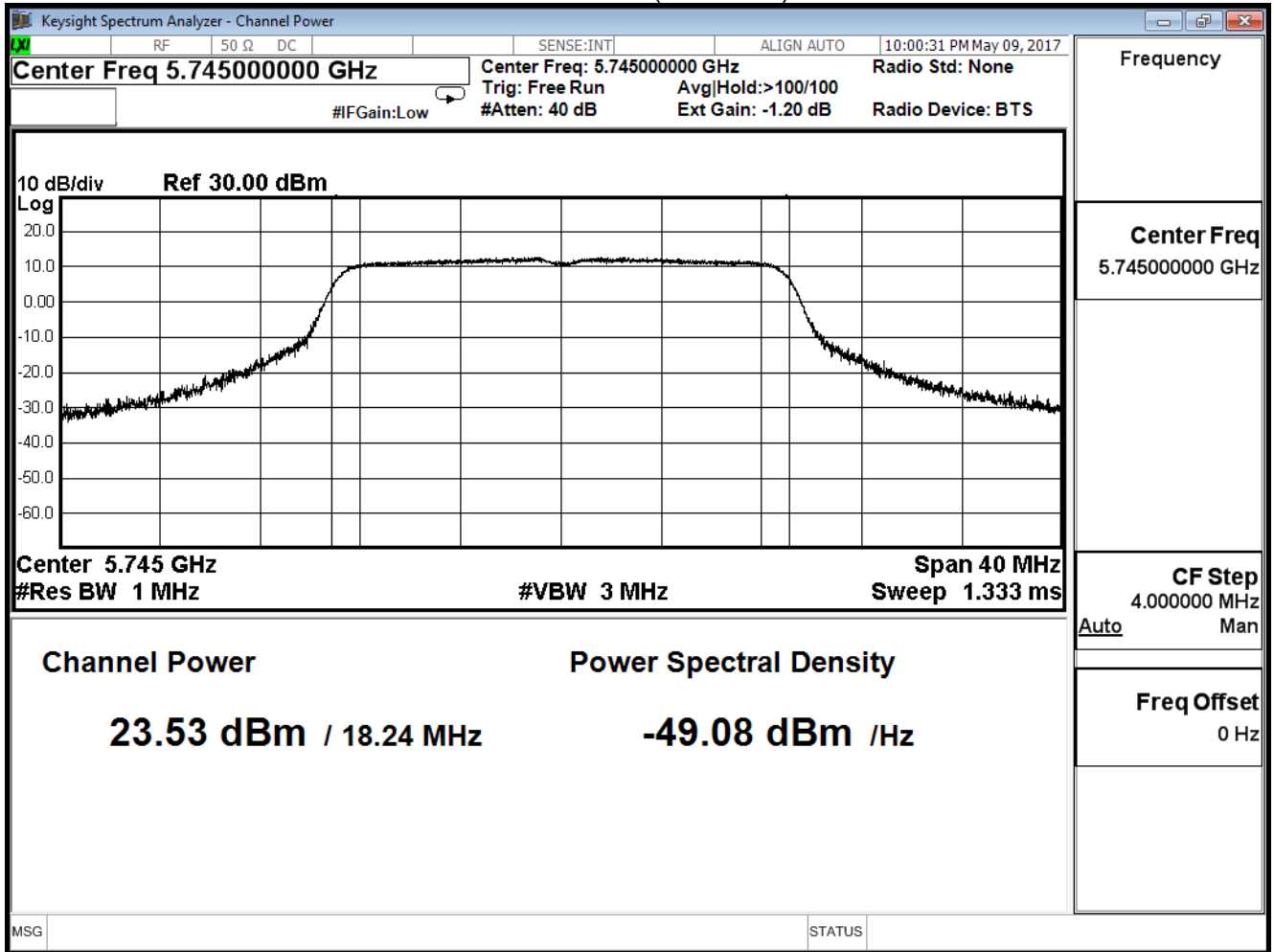
## IEEE 802.11n(20MHz) (ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	23.53	$\leq 30$
157	5785	23.70	$\leq 30$
165	5825	23.82	$\leq 30$

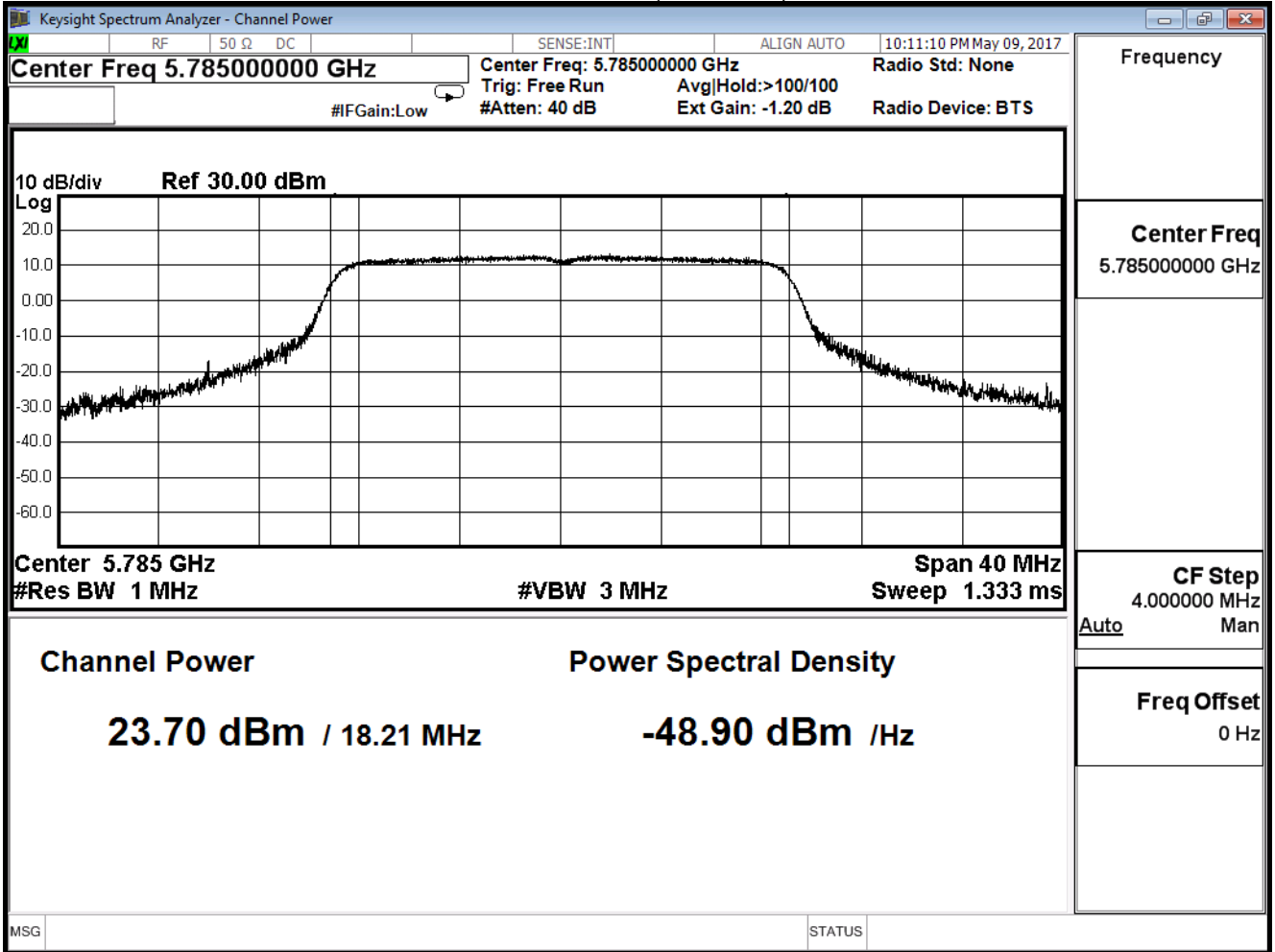
The worst emission of data rate is 24 Mbps.

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit
		24	25	26	27	28	29	30	31	
149	5745	23.53	--	--	--	--	--	--	--	$\leq 30\text{dBm}$
157	5785	23.70	23.55	23.29	23.01	22.87	22.56	22.41	22.10	
165	5825	23.82	--	--	--	--	--	--	--	

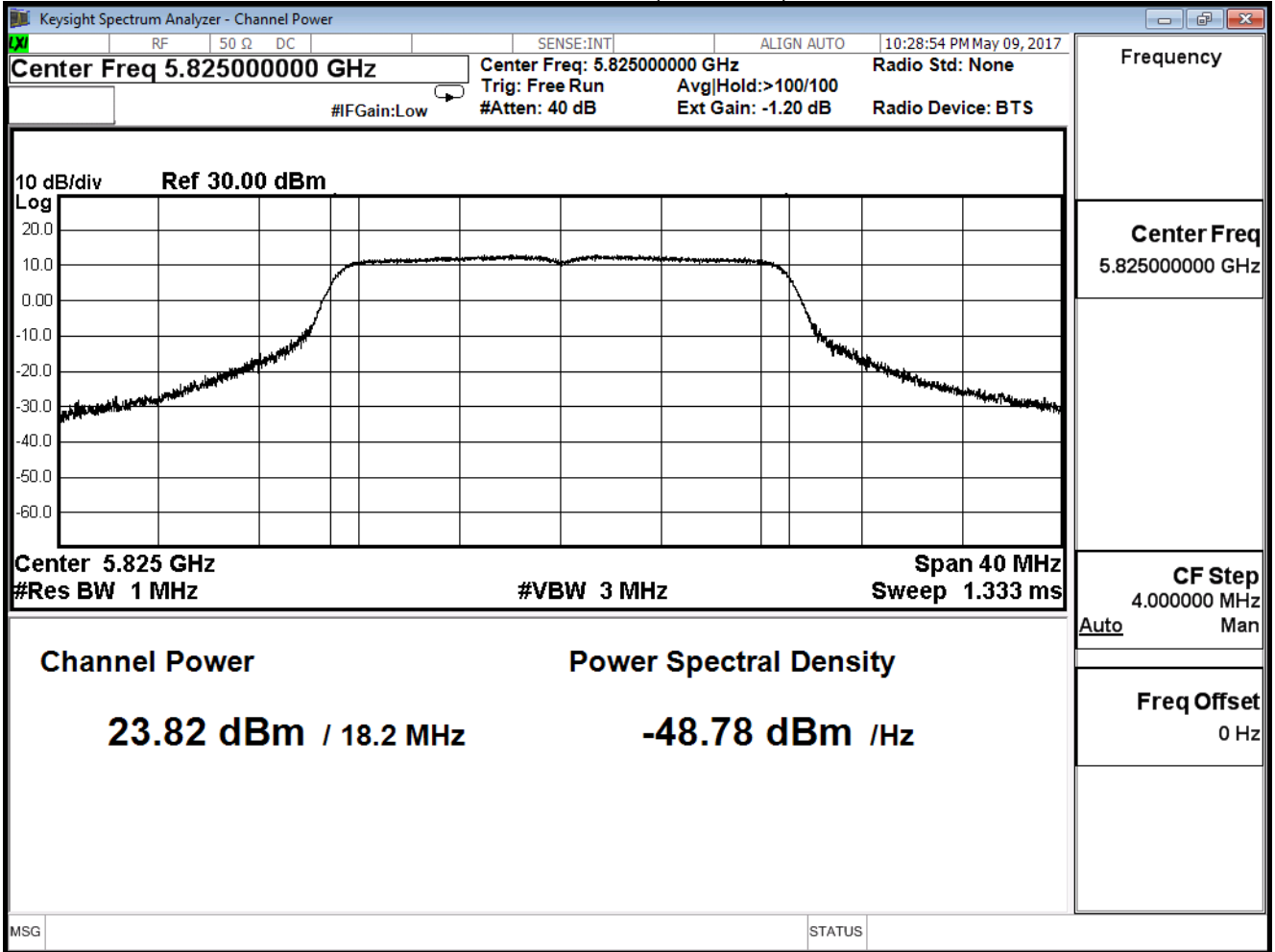
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/09	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	29.59	≤30
157	5785	29.75	≤30
165	5825	29.85	≤30



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

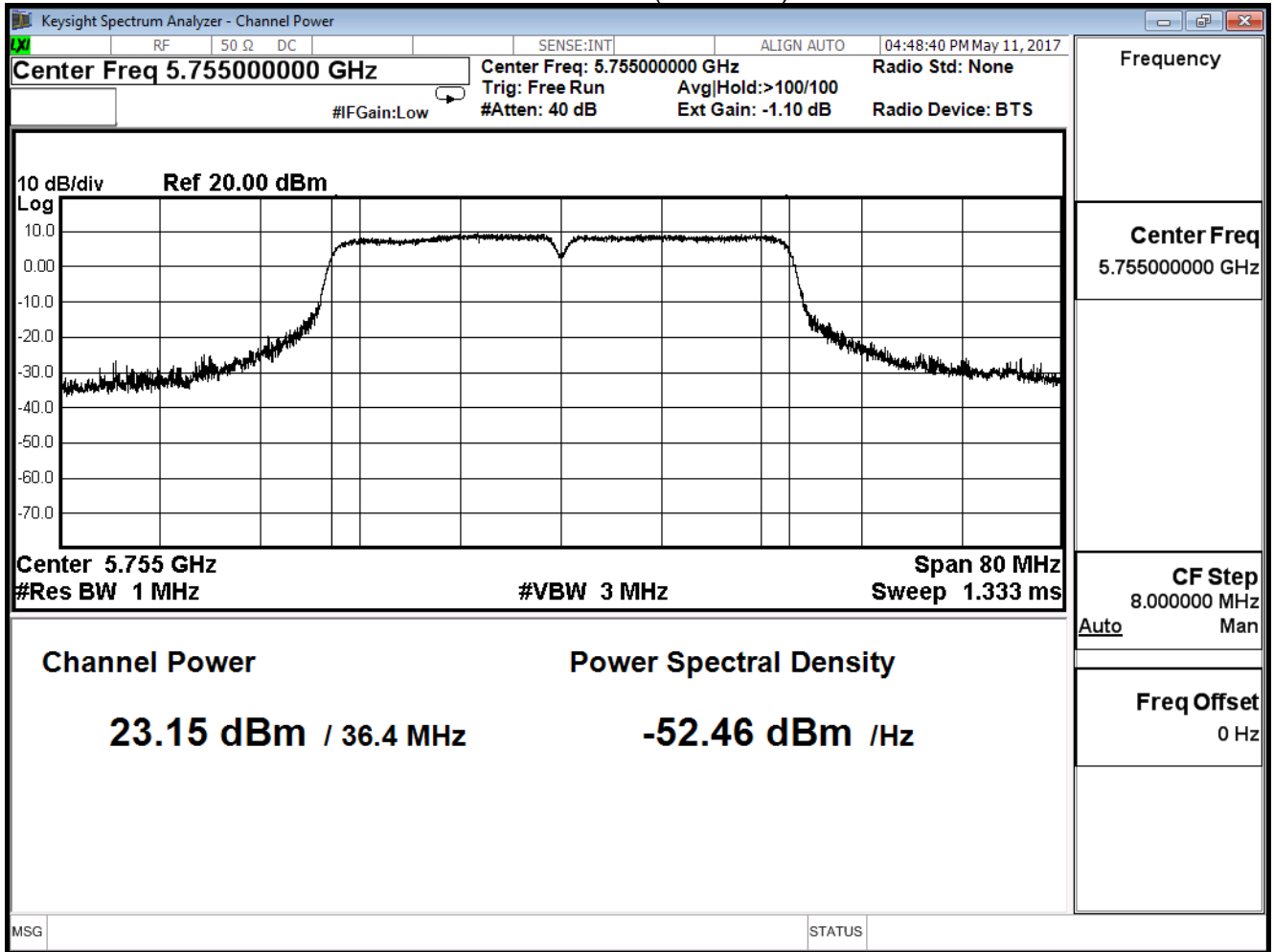
IEEE 802.11n(40MHz) (ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	23.15	≤ 30
159	5795	23.24	≤ 30

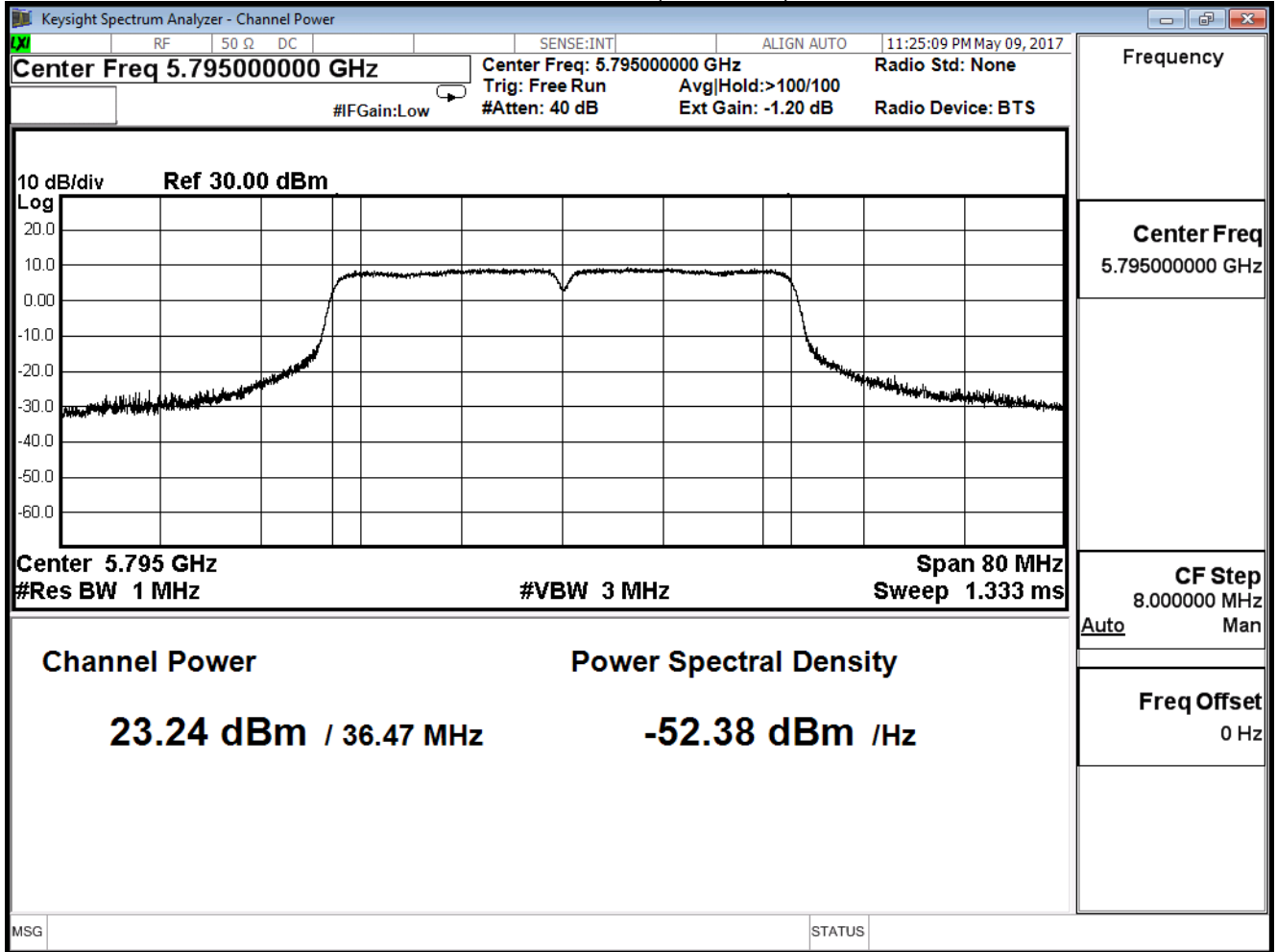
The worst emission of data rate is MCS24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit
		24	25	26	27	28	29	30	31	
151	5755	23.15	--	--	--	--	--	--	--	≤30dBm
159	5795	23.24	23.12	22.93	22.67	22.41	22.10	21.89	21.78	

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

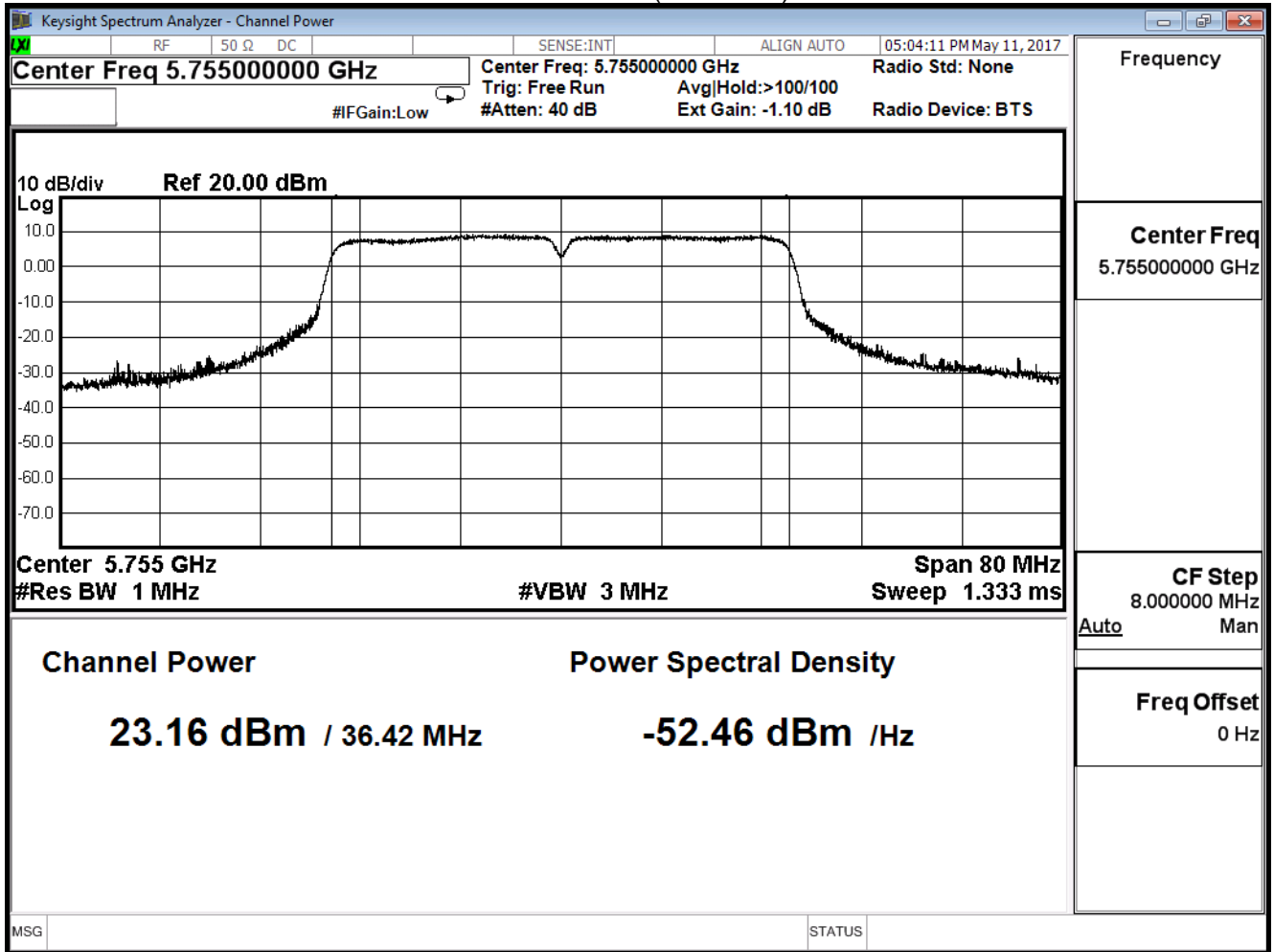
## IEEE 802.11n(40MHz) (ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	23.16	$\leq 30$
159	5795	23.23	$\leq 30$

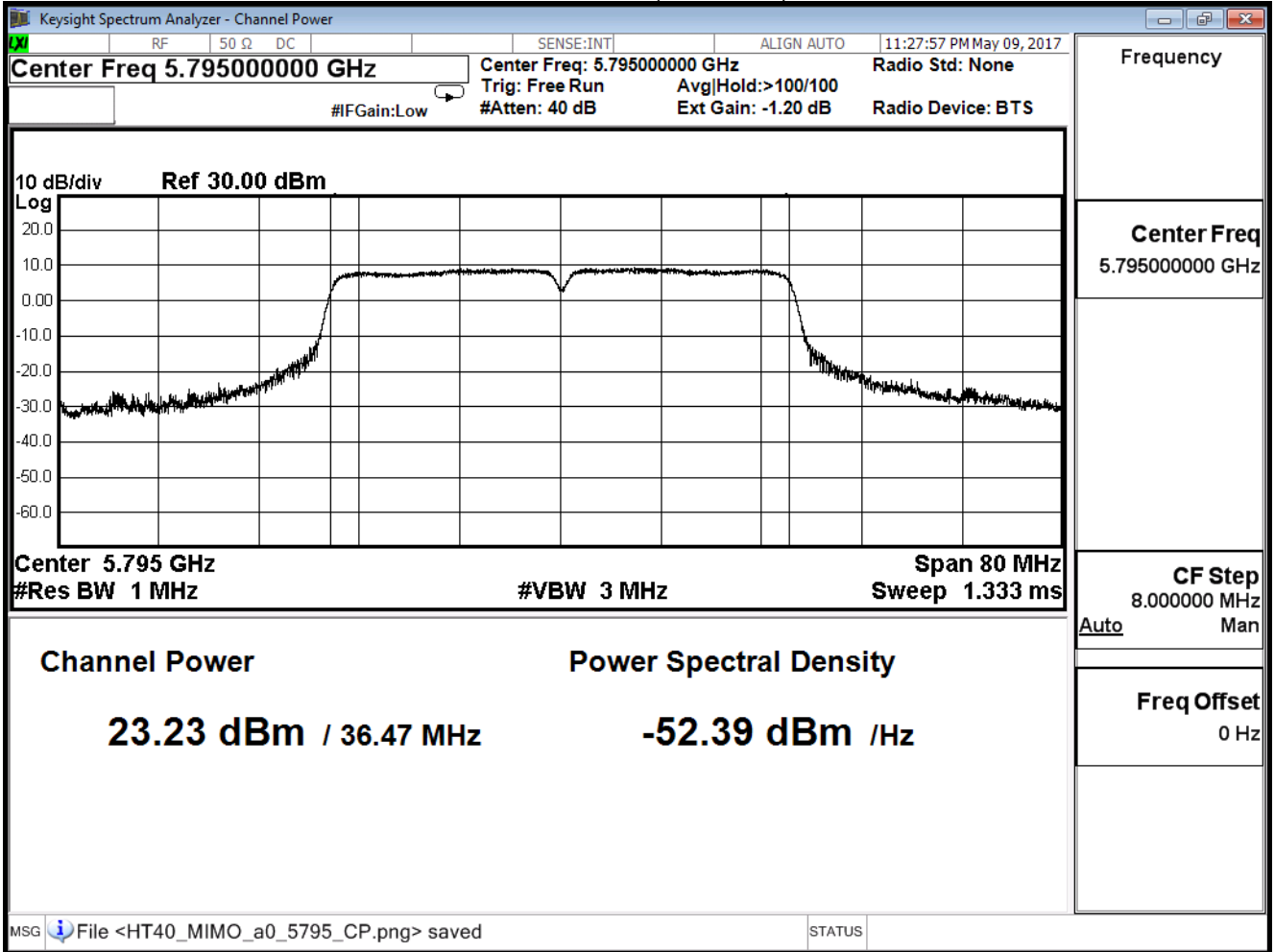
The worst emission of data rate is MCS24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit
		24	25	26	27	28	29	30	31	
151	5755	23.16	--	--	--	--	--	--	--	$\leq 30\text{dBm}$
159	5795	23.23	23.02	22.89	22.67	22.32	22.09	21.78	21.54	

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

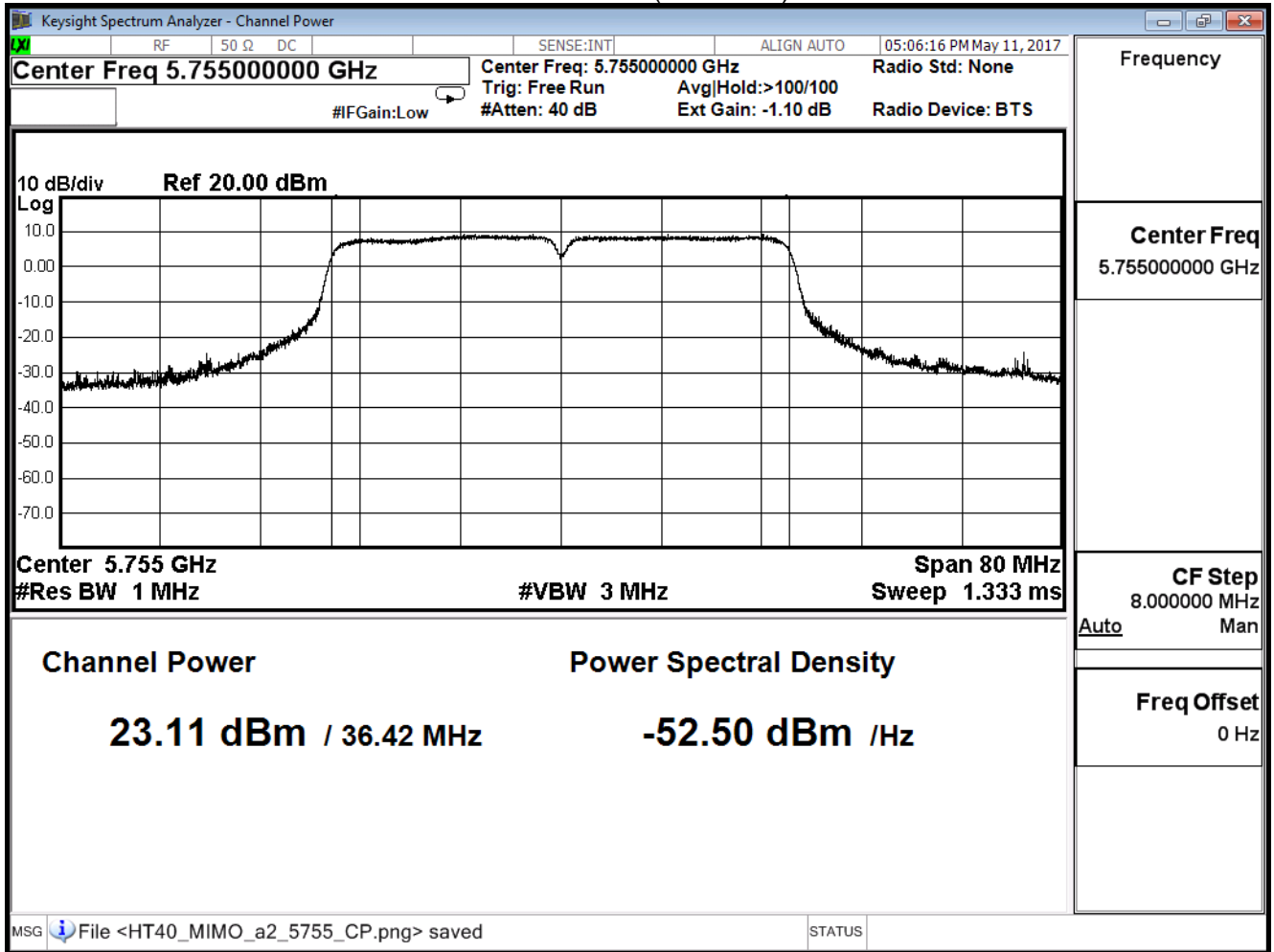
## IEEE 802.11n(40MHz) (ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	23.11	$\leq 30$
159	5795	23.23	$\leq 30$

The worst emission of data rate is MCS24

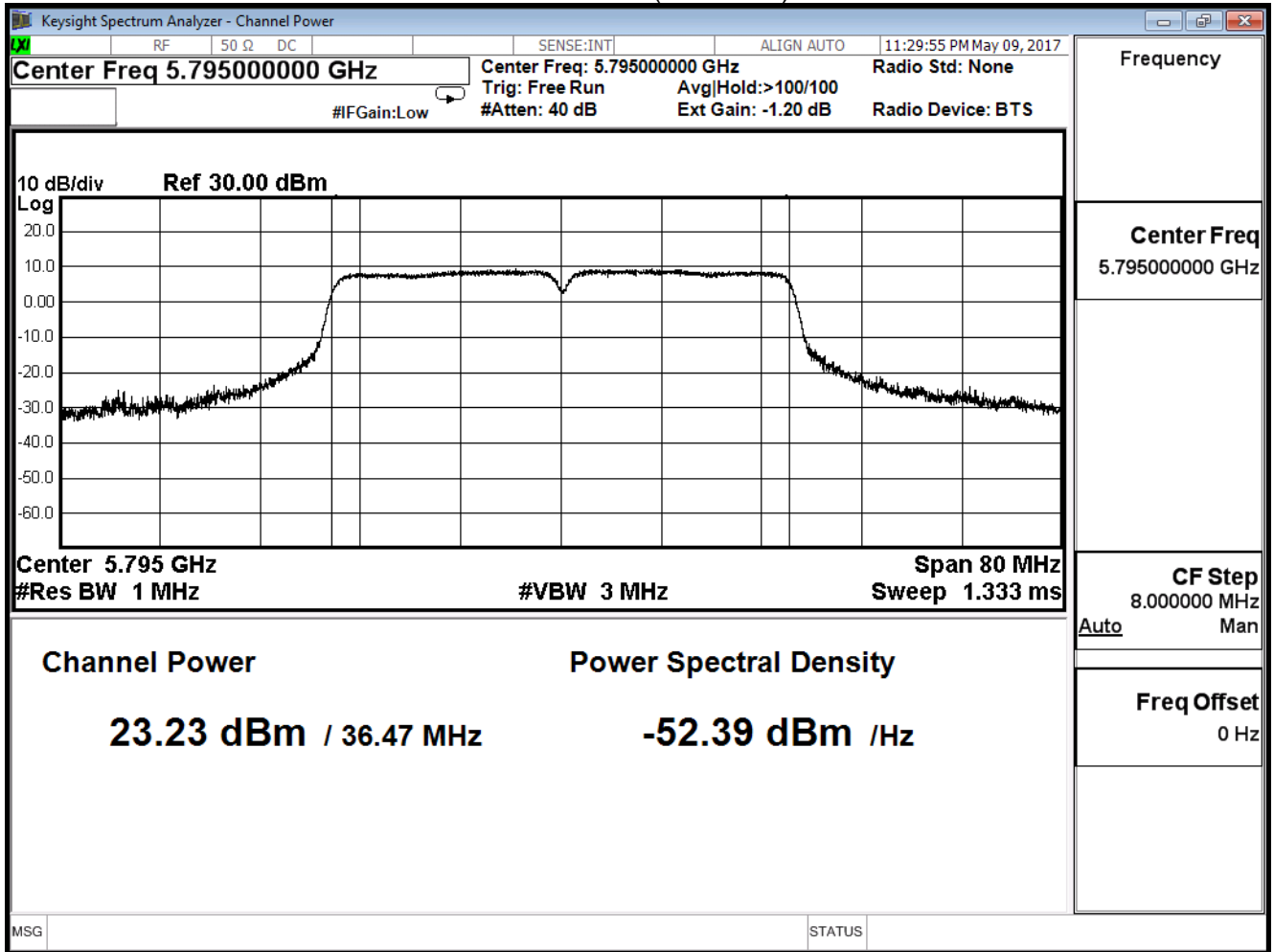
Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit
		24	25	26	27	28	29	30	31	
151	5755	23.11	--	--	--	--	--	--	--	$\leq 30\text{dBm}$
159	5795	23.23	23.09	22.93	22.67	22.43	22.21	22.09	21.78	

Channel 151 (5755MHz)





Channel 159 (5795MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

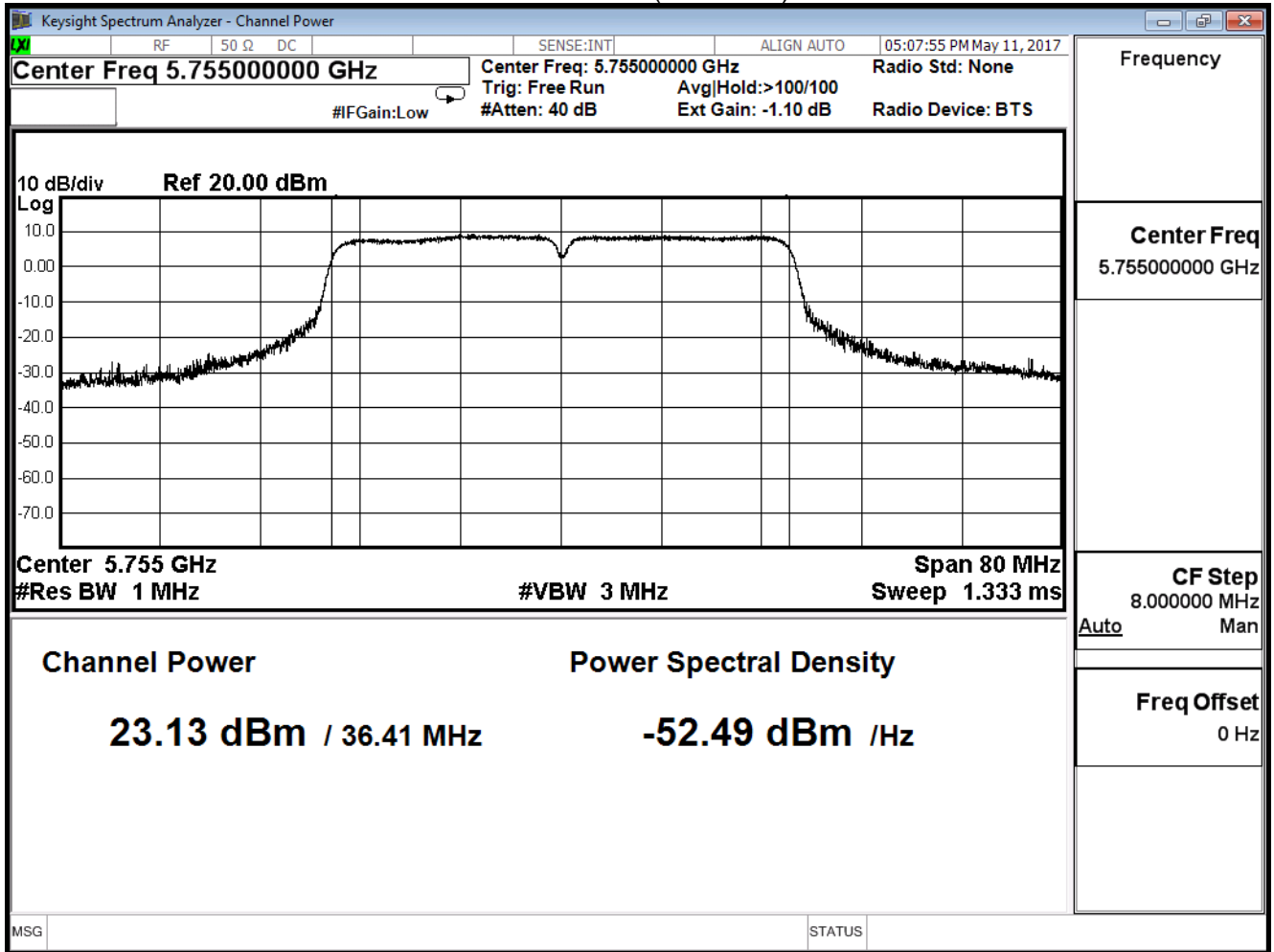
IEEE 802.11n(40MHz) (ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	23.13	≤ 30
159	5795	23.24	≤ 30

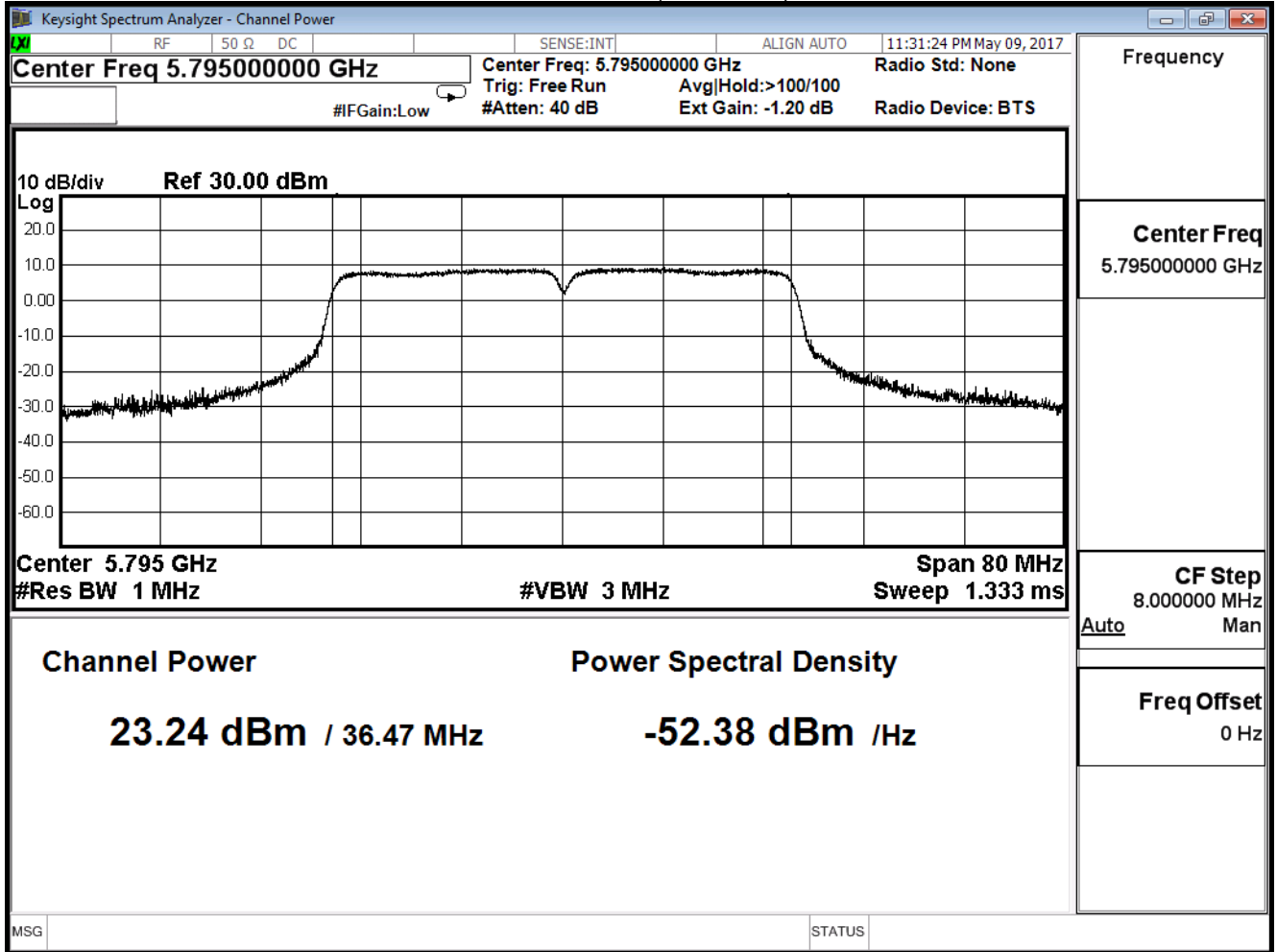
The worst emission of data rate is MCS 24

Peak Per Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit
		24	25	26	27	28	29	30	31	
151	5755	23.13	--	--	--	--	--	--	--	≤30dBm
159	5795	23.24	23.09	23	22.89	22.76	22.34	22.1	21.87	

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	29.16	$\leq 30$
159	5795	29.26	$\leq 30$

Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

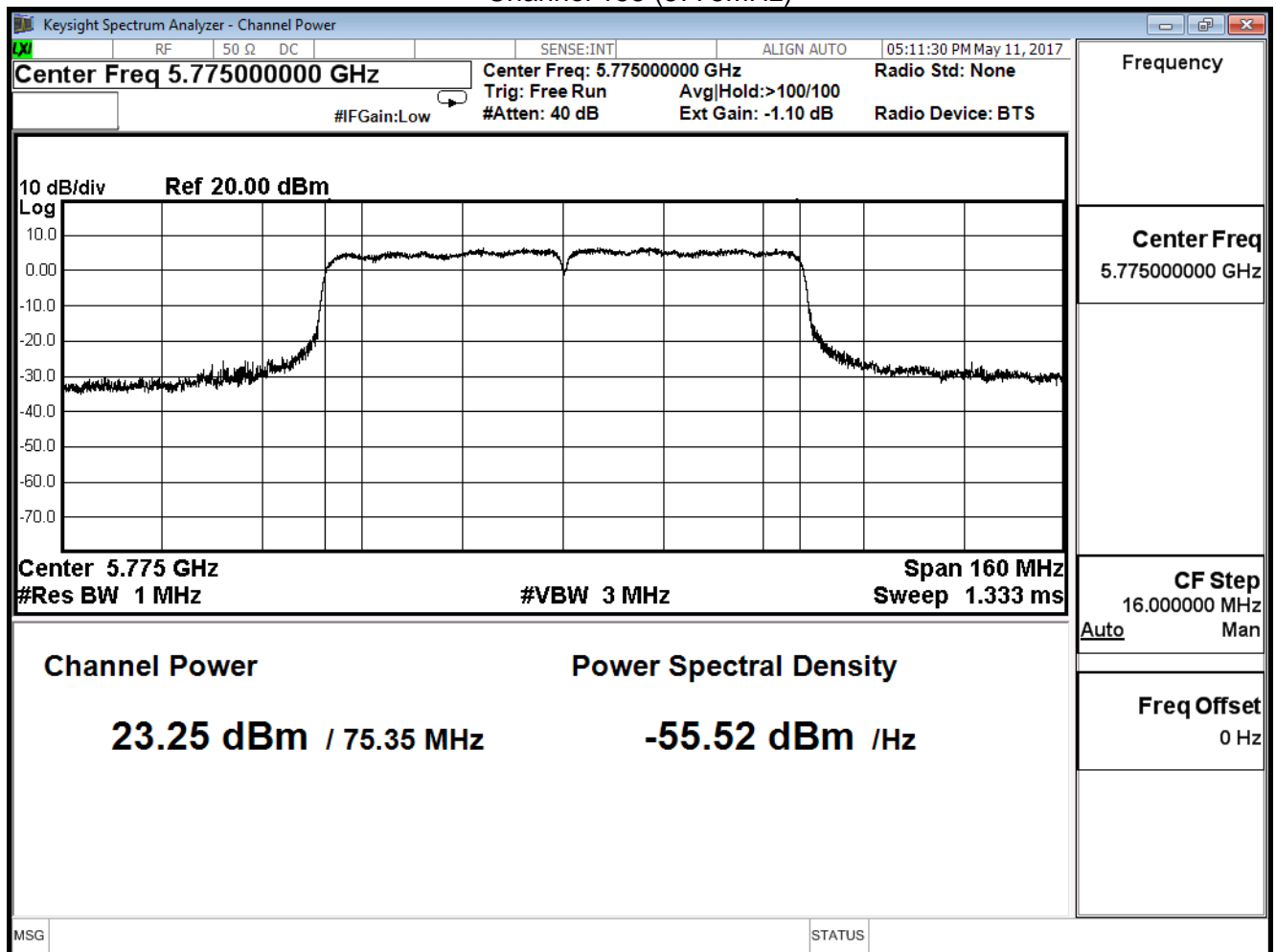
IEEE802.11ac(80MHz) (ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	23.25	≤ 30

The worst emission of data rate is MCS0

Peak Power Output (dBm)												
Channel No	Frequency (MHz)	Data Rate										Required Limit
		0	1	2	3	4	5	6	7	8	9	
151	5755	23.25	23.11	23.01	22.87	22.63	22.21	22.02	21.89	21.65	21.32	≤30dBm

Channel 155 (5775MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

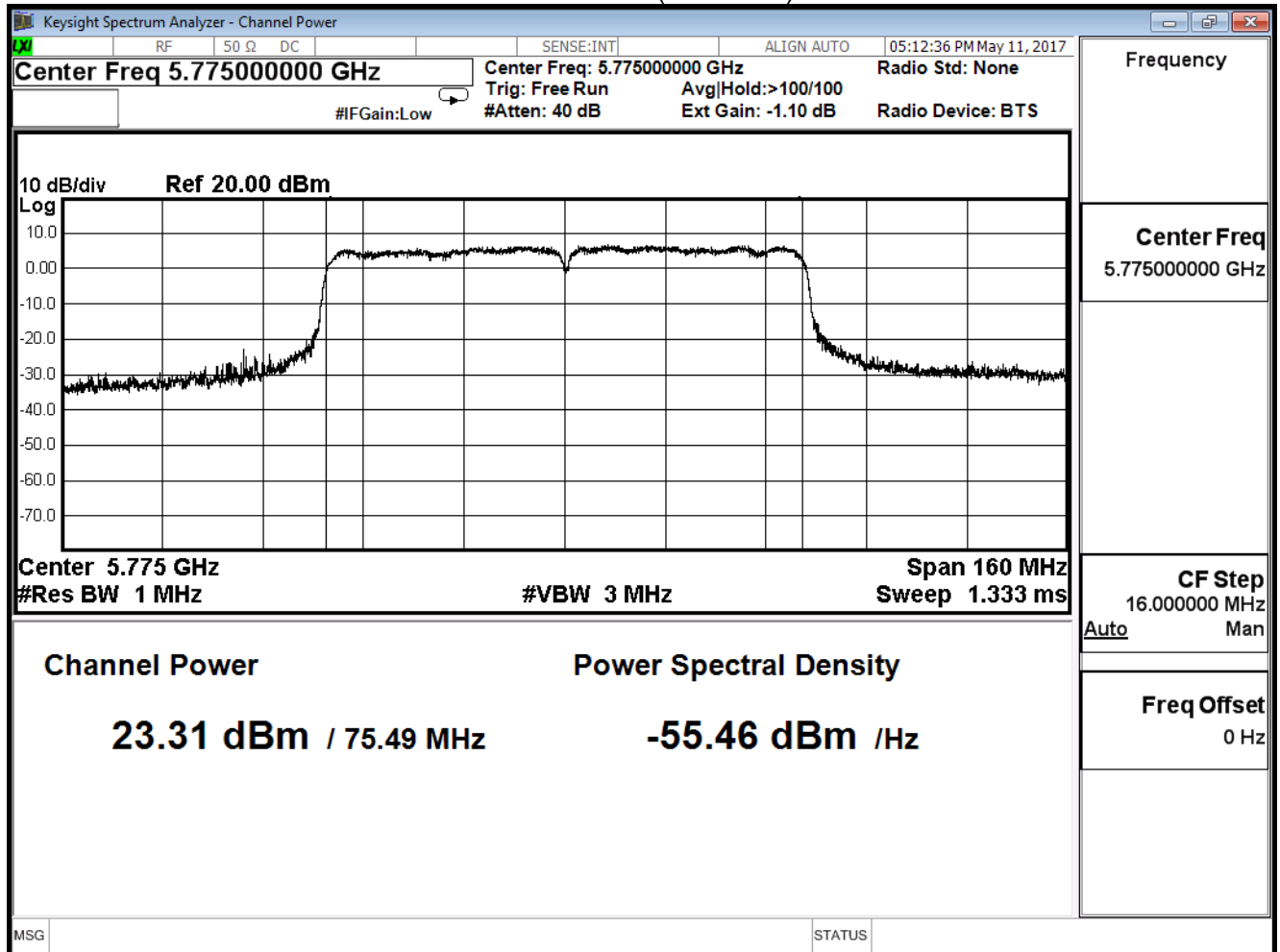
IEEE802.11ac(80MHz) (ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	23.31	≤ 30

The worst emission of data rate is MCS0

Peak Power Output (dBm)												
Channel No	Frequency (MHz)	Data Rate										Required Limit
		0	1	2	3	4	5	6	7	8	9	
151	5755	23.31	23.11	23.01	22.89	22.67	22.43	22.21	22.01	21.87	21.43	≤30dBm

Channel 155 (5775MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

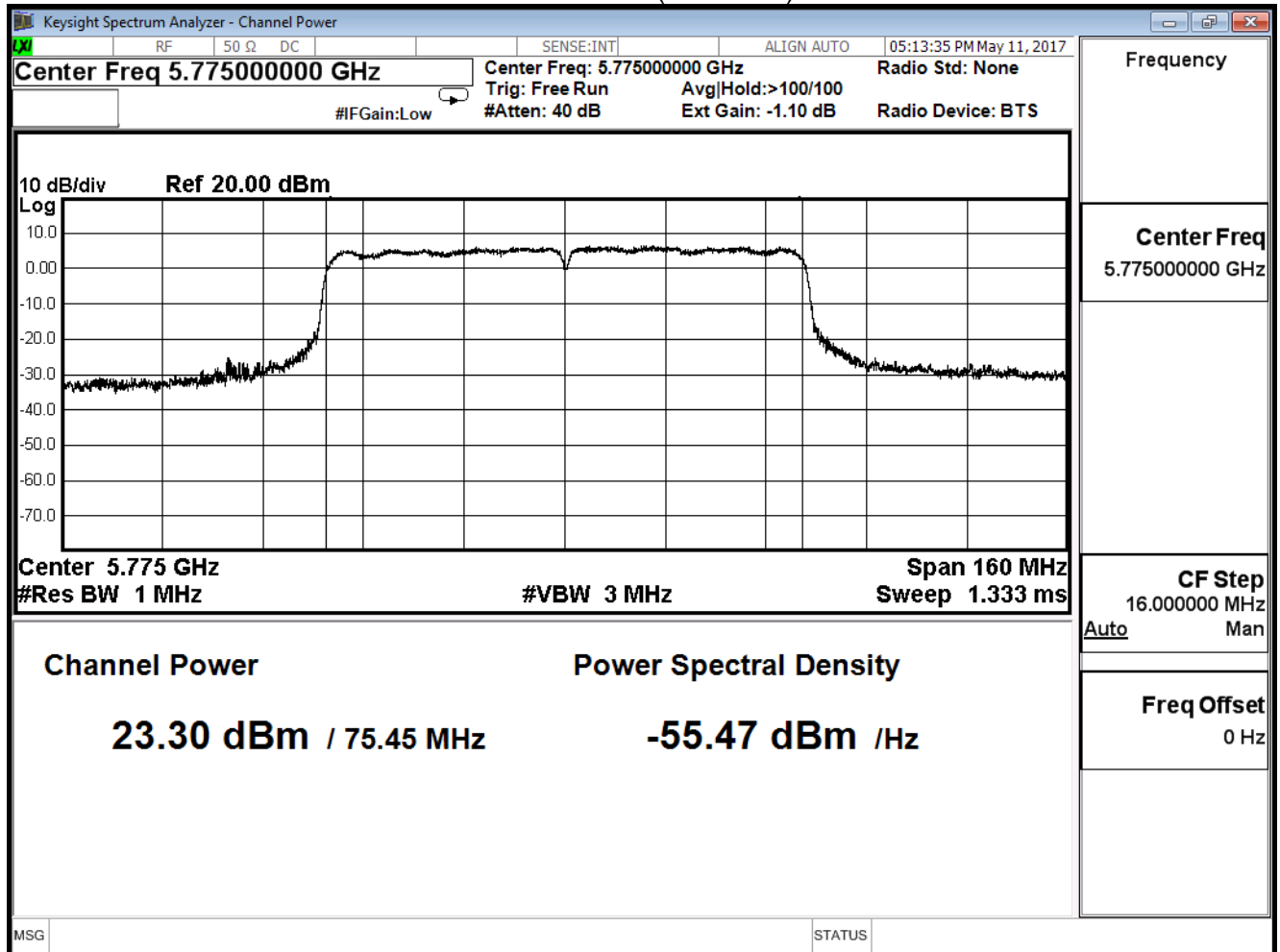
IEEE802.11ac(80MHz) (ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	23.30	≤ 30

The worst emission of data rate is MCS0

Peak Power Output (dBm)												
Channel No	Frequency (MHz)	Data Rate										Required Limit
		0	1	2	3	4	5	6	7	8	9	
151	5755	23.30	23.02	22.87	22.65	22.34	22.21	22.03	21.8	21.54	21.33	≤30dBm

Channel 155 (5775MHz)





Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

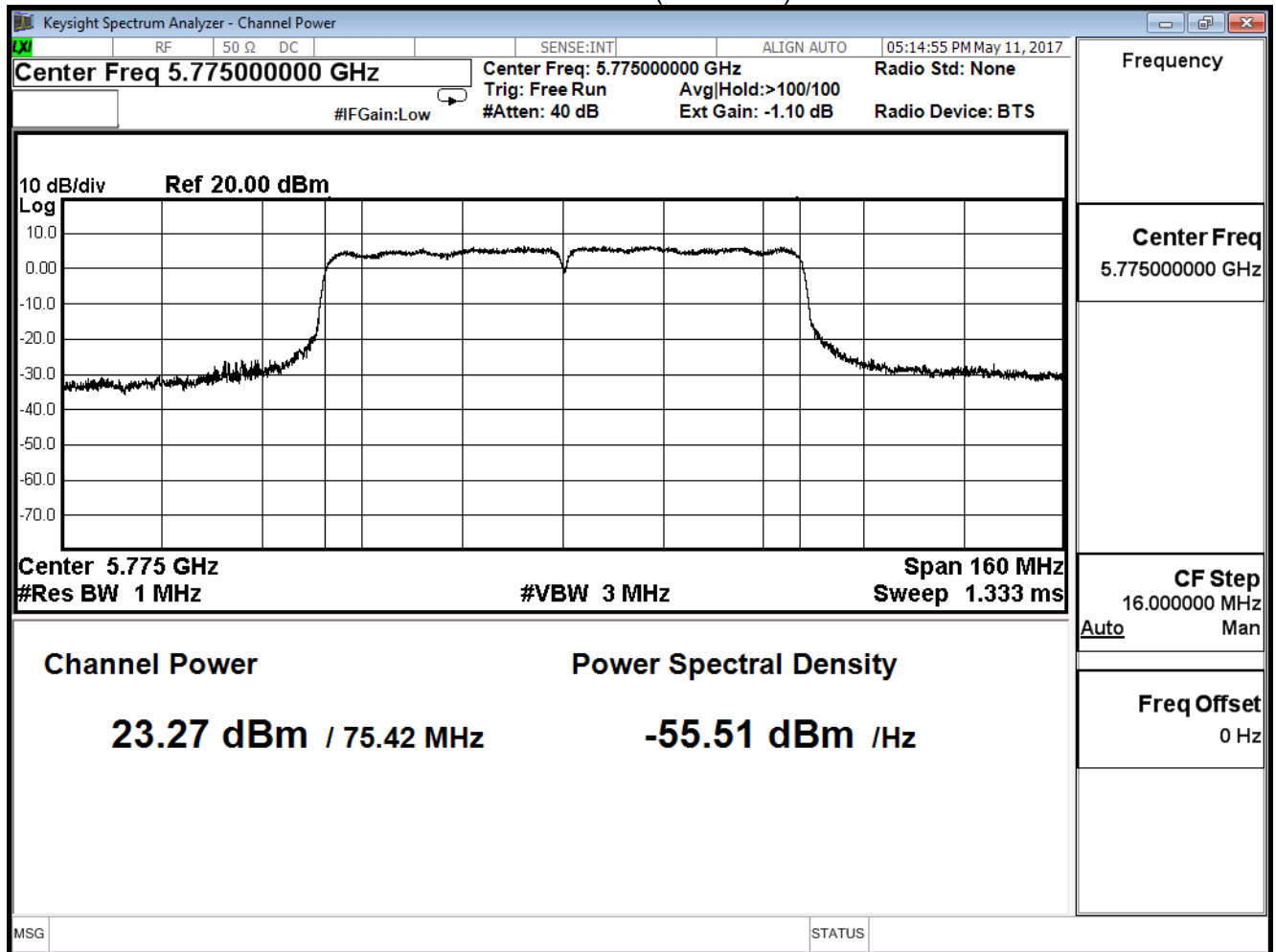
IEEE802.11ac(80MHz) (ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	23.27	≤ 30

The worst emission of data rate is MCS0

Peak Power Output (dBm)												
Channel No	Frequency (MHz)	Data Rate										Required Limit
		0	1	2	3	4	5	6	7	8	9	
151	5755	23.27	23.1	22.88	22.65	22.32	22.09	21.78	21.54	21.32	21.09	≤30dBm

Channel 155 (5775MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	29.30	$\leq 30$

Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

## IEEE 802.11n(20MHz) (ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	22.36	$\leq 28.76$
157	5785	22.39	$\leq 28.76$
165	5825	22.32	$\leq 28.76$

## Note

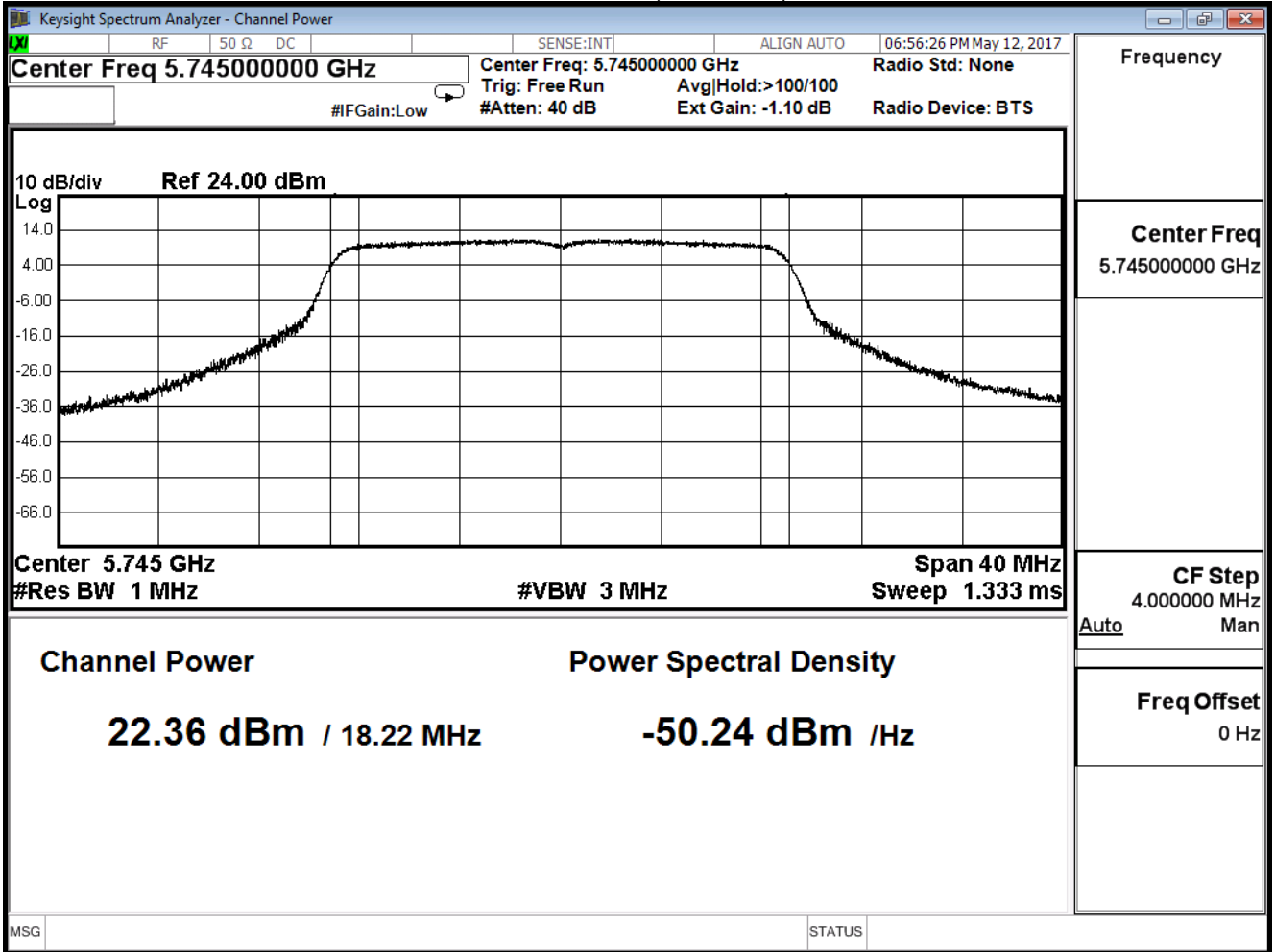
Effective array gain = 7.24dBi

Limit =  $30 - (7.24 - 6) = 28.76$  dBm

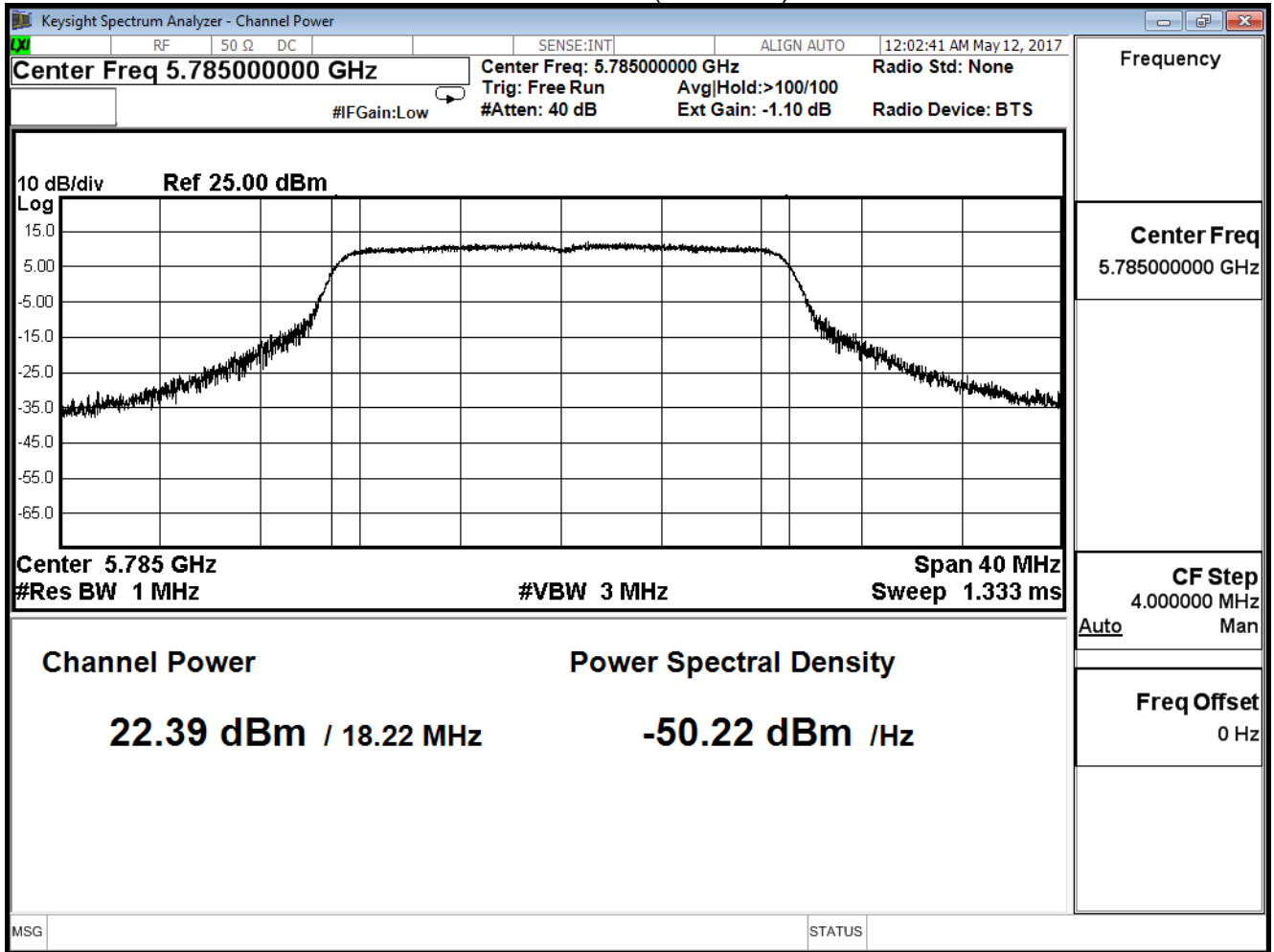
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit (dBm)
		24	25	26	27	28	29	30	31	
149	5745	22.36	--	--	--	--	--	--	--	$\leq 28.76$
157	5785	22.39	22.21	22.09	21.89	21.67	21.52	21.10	20.67	
165	5825	22.32	--	--	--	--	--	--	--	

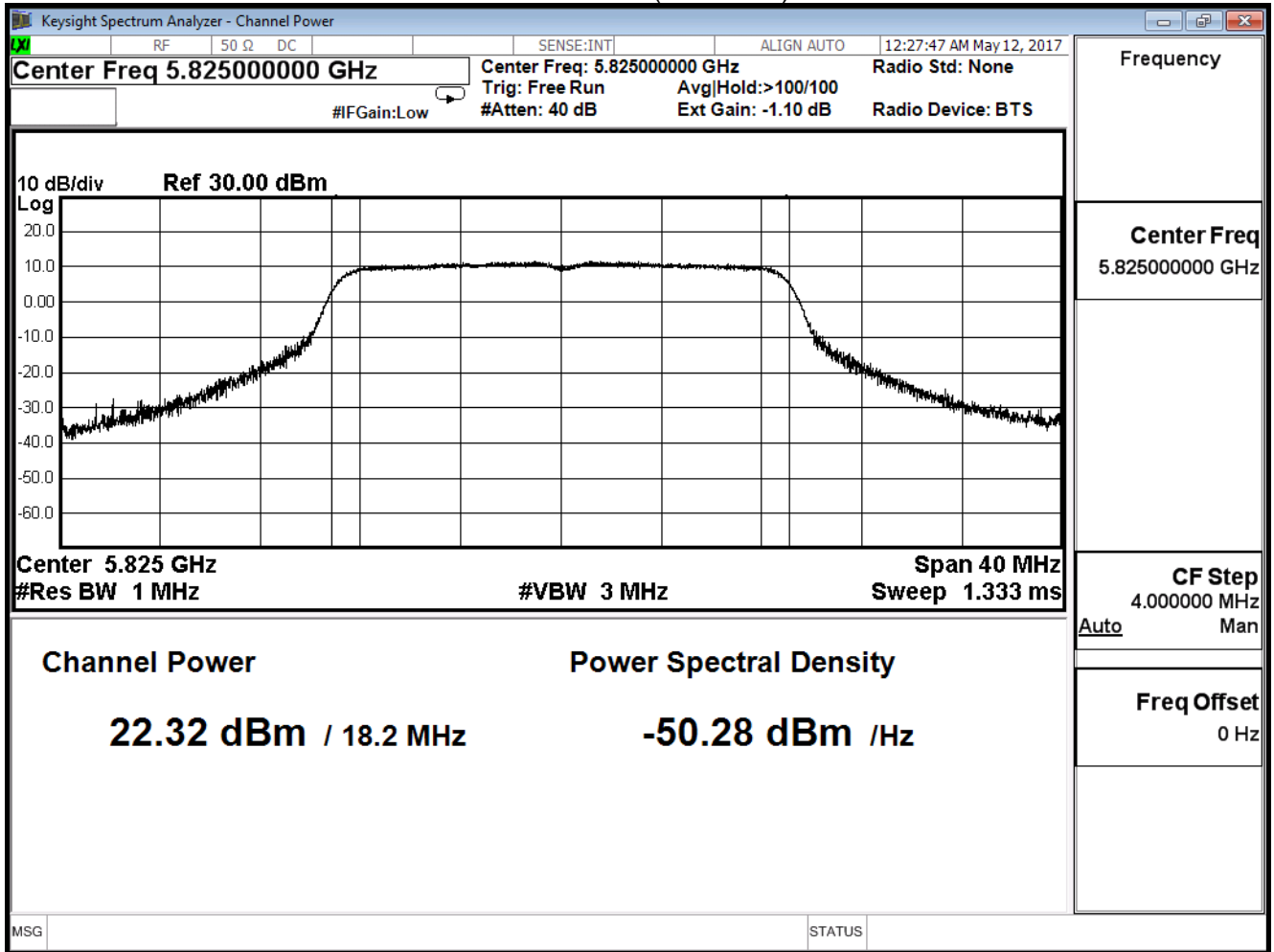
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

## IEEE 802.11n(20MHz) (ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	22.31	$\leq 28.76$
157	5785	22.39	$\leq 28.76$
165	5825	22.36	$\leq 28.76$

## Note

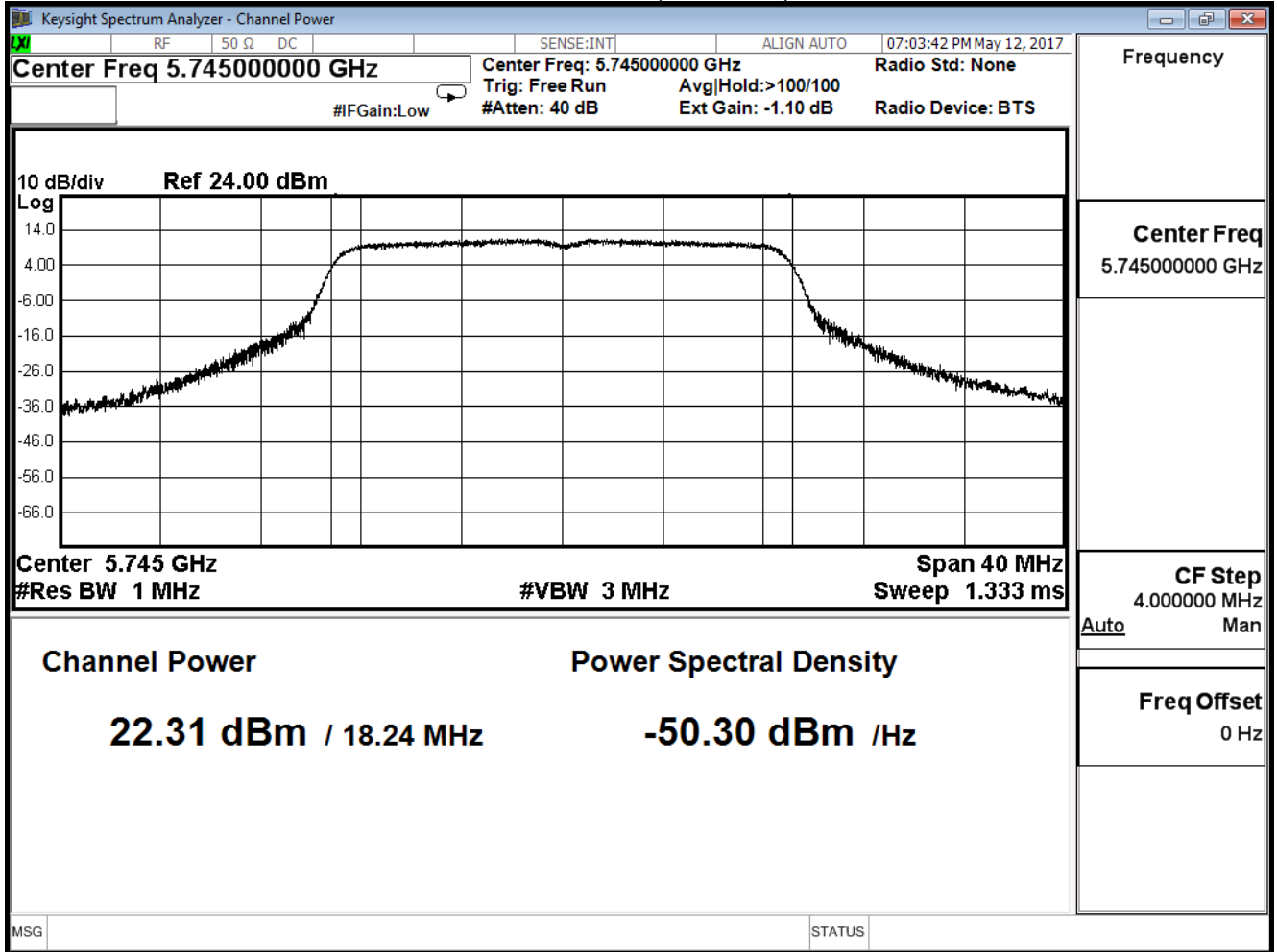
Effective array gain = 7.24dBi

Limit =  $30 - (7.24 - 6) = 28.76$  dBm

The worst emission of data rate is MCS 24

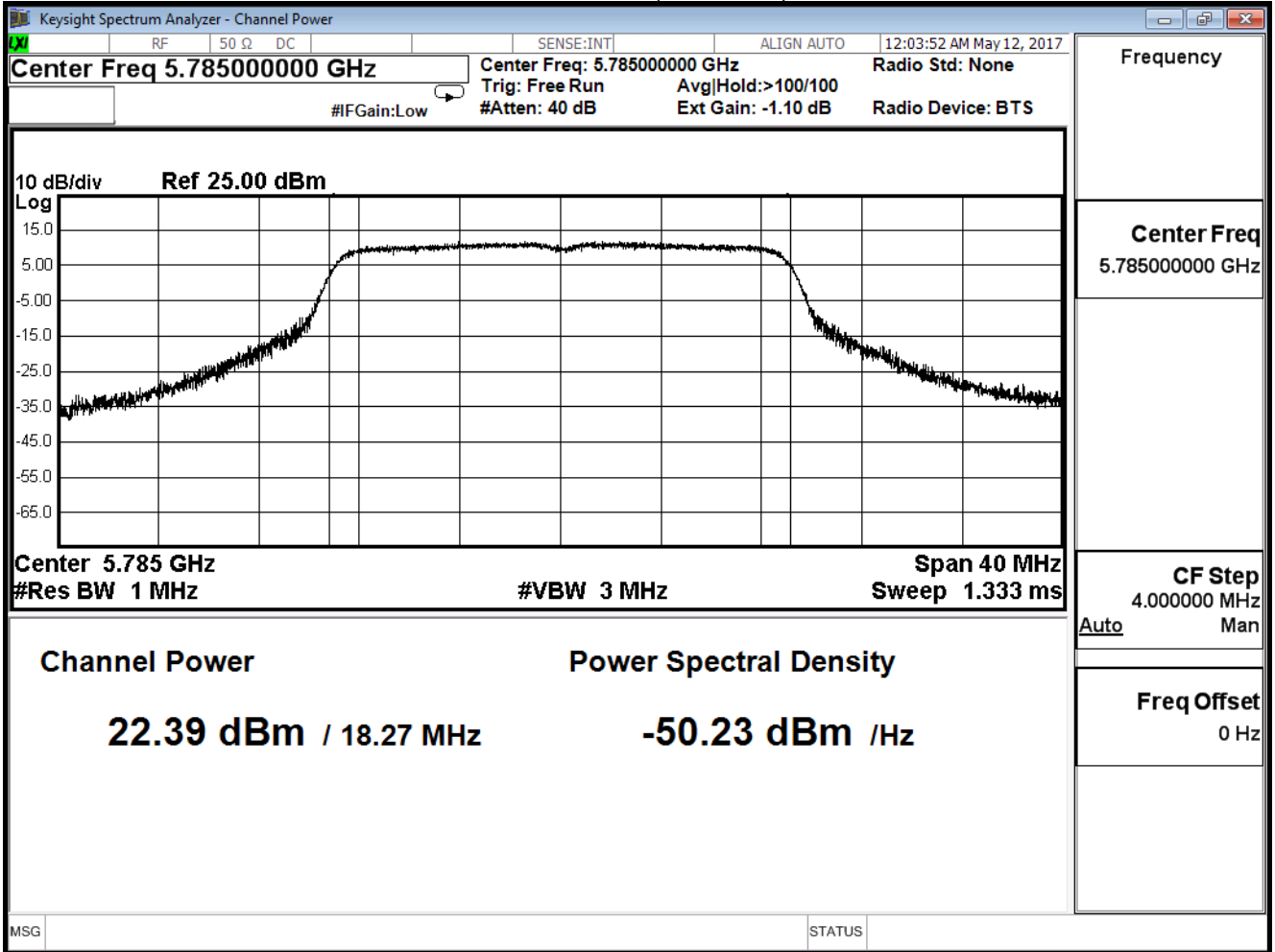
Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit (dBm)
		24	25	26	27	28	29	30	31	
149	5745	22.31	--	--	--	--	--	--	--	$\leq 28.76$
157	5785	22.39	22.1	22.02	21.88	21.67	21.32	21.21	21.09	
165	5825	22.36	--	--	--	--	--	--	--	

Channel 149 (5745MHz)

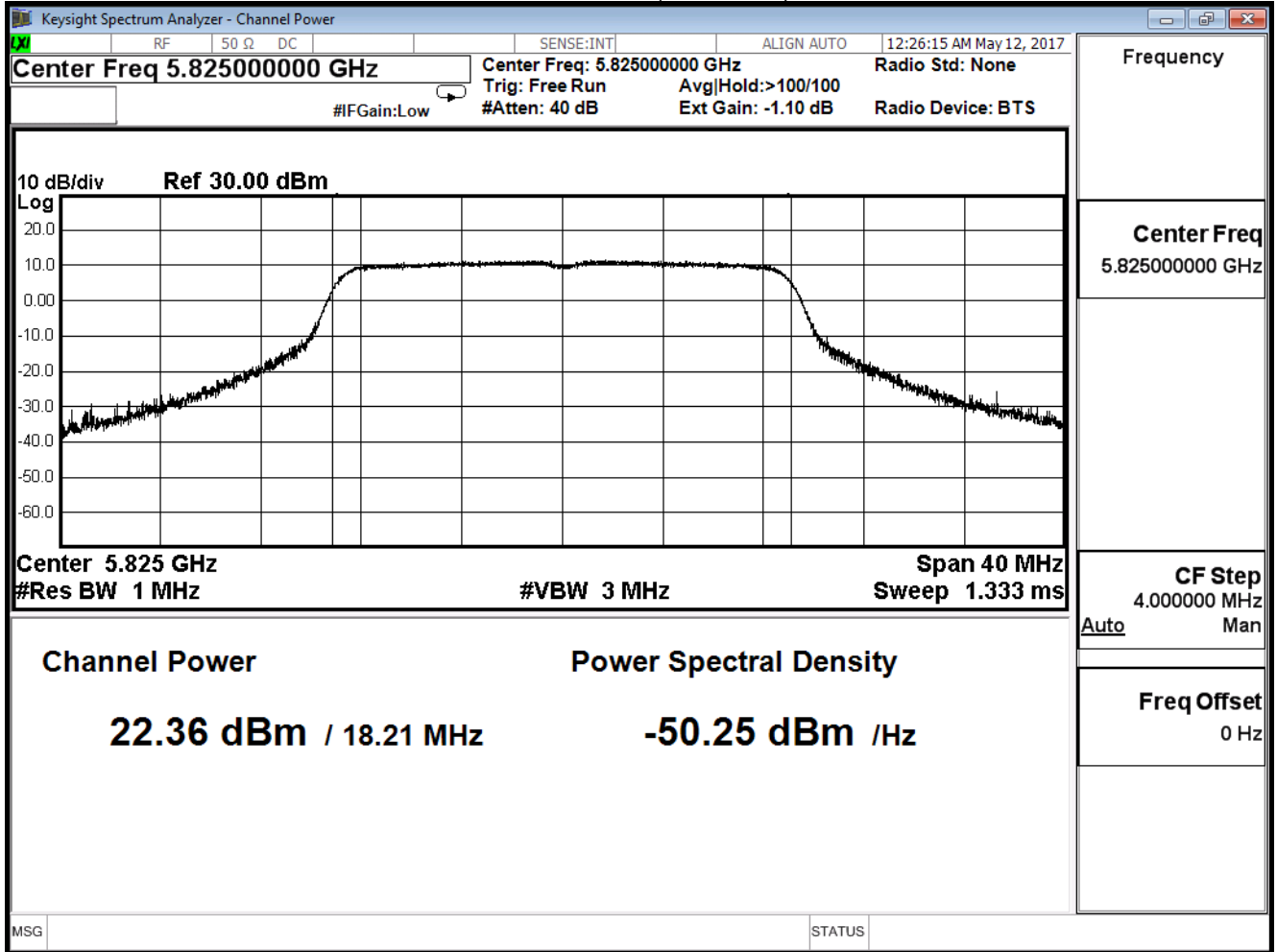




Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	22.25	≤ 28.76
157	5785	22.37	≤ 28.76
165	5825	22.34	≤ 28.76

Note

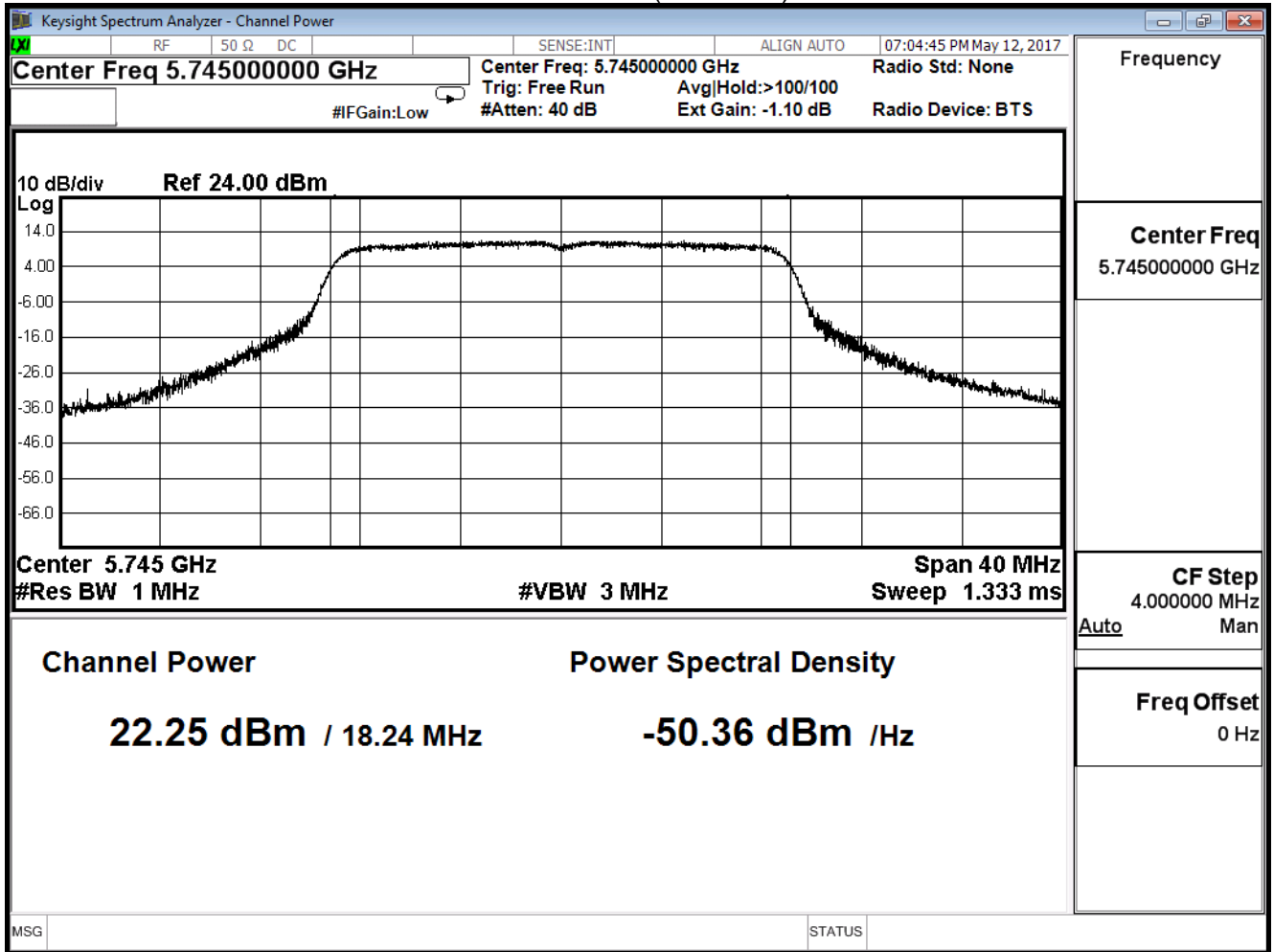
Effective array gain = 7.24dBi

Limit = 30-(7.24-6) = 28.76 dBm

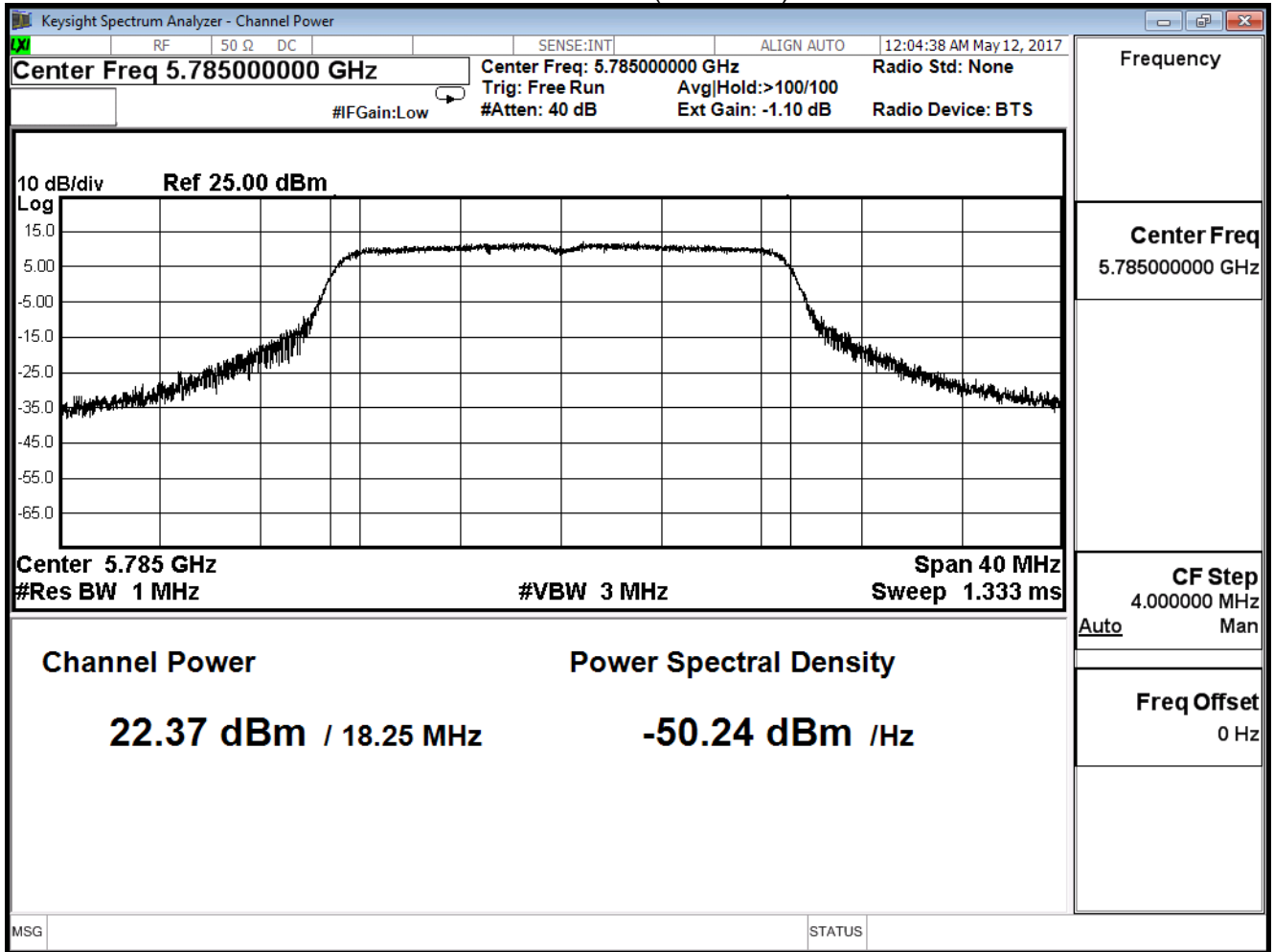
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit (dBm)
		24	25	26	27	28	29	30	31	
149	5745	22.25	--	--	--	--	--	--	--	≤ 28.76
157	5785	22.37	22.23	22.12	22.03	21.89	21.76	21.55	21.43	
165	5825	22.34	--	--	--	--	--	--	--	

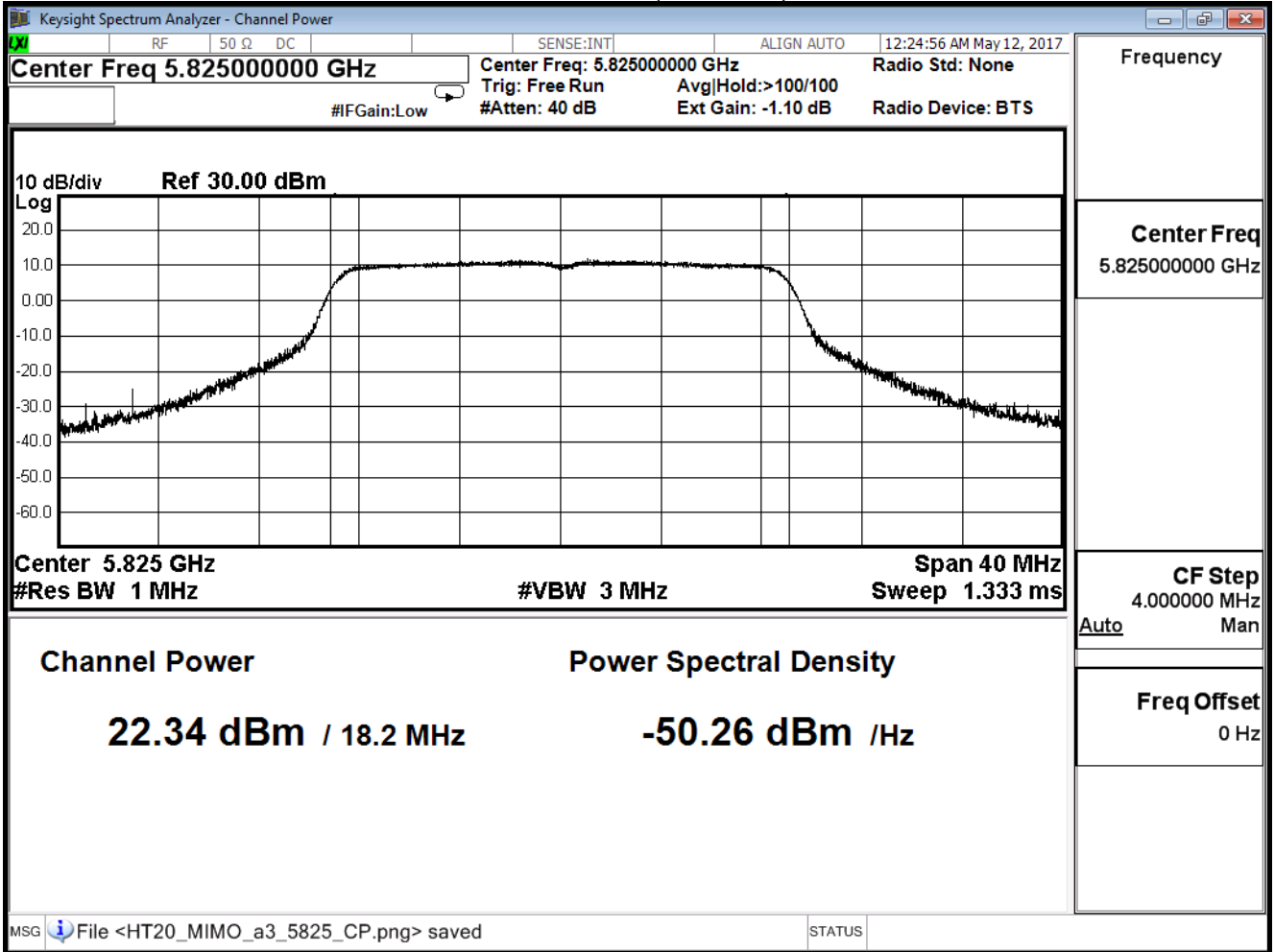
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	22.34	≤ 28.76
157	5785	22.33	≤ 28.76
165	5825	22.31	≤ 28.76

Note

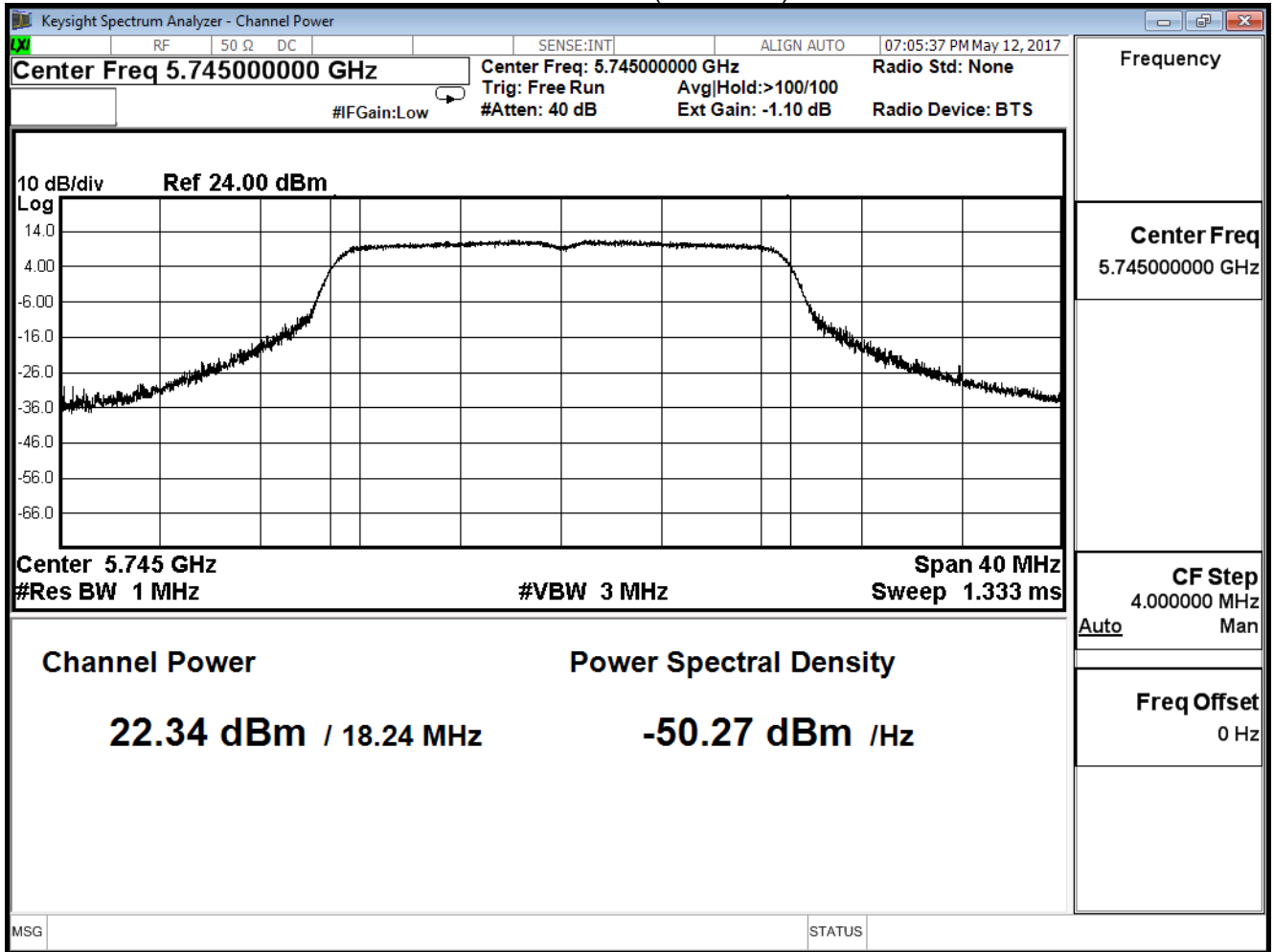
Effective array gain = 7.24dBi

Limit = 30-(7.24-6) = 28.76 dBm

The worst emission of data rate is MCS 24

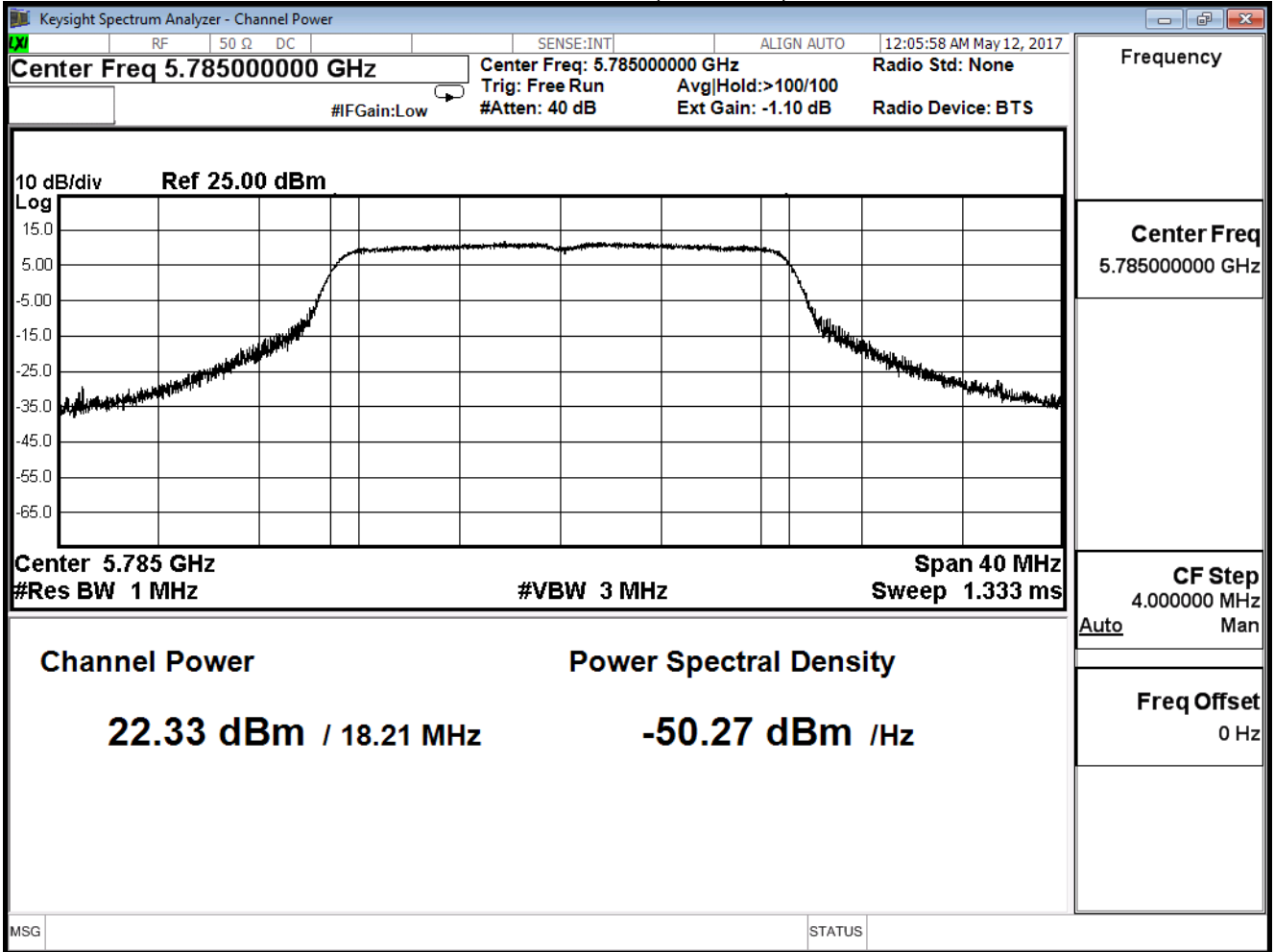
Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit (dBm)
		24	25	26	27	28	29	30	31	
149	5745	22.34	--	--	--	--	--	--	--	≤ 28.76
157	5785	22.33	22.21	22.13	22.01	21.93	21.78	21.56	21.34	
165	5825	22.31	--	--	--	--	--	--	--	

Channel 149 (5745MHz)

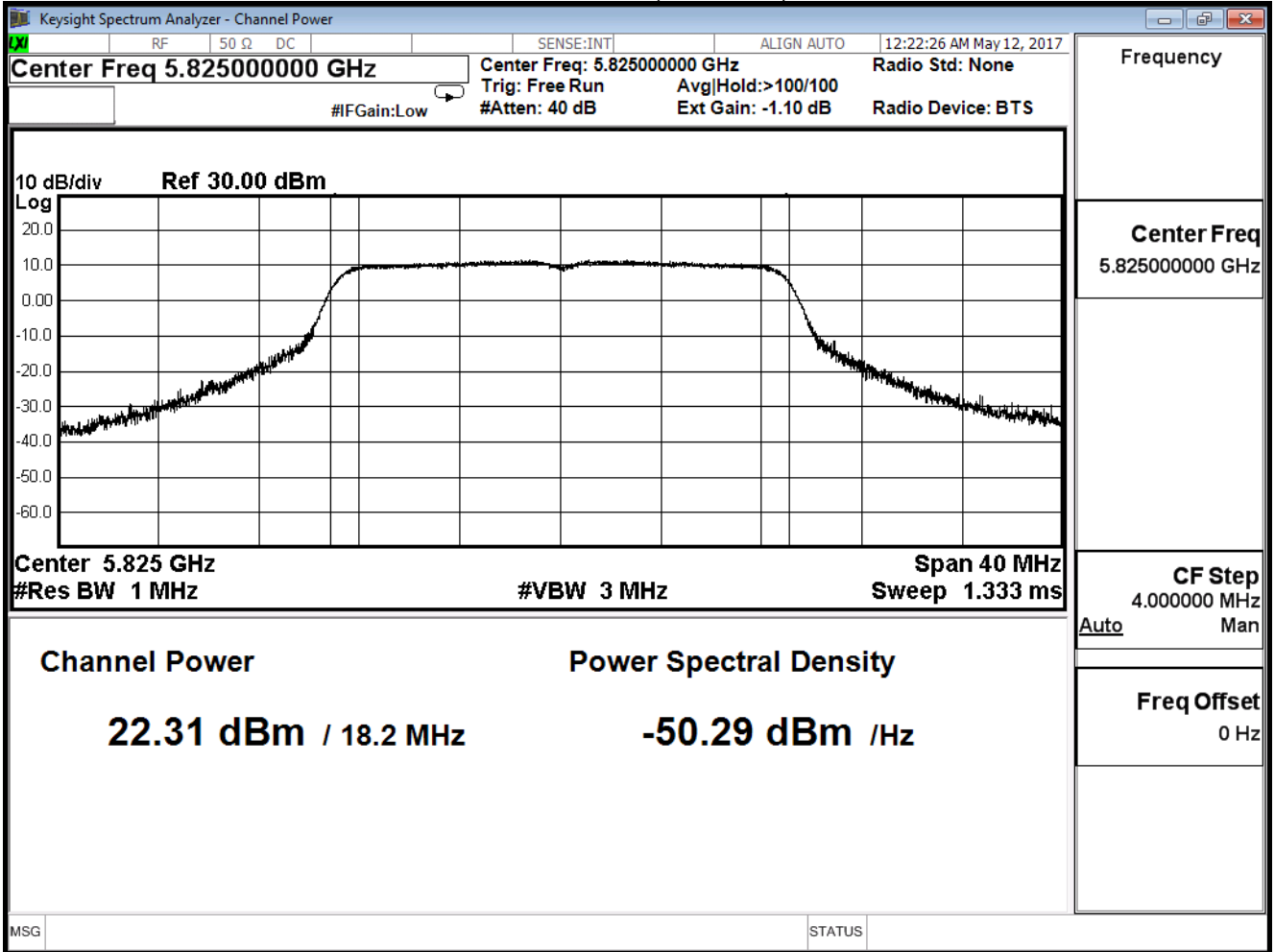




Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
149	5745	28.34	$\leq 28.76$
157	5785	28.39	$\leq 28.76$
165	5825	28.35	$\leq 28.76$

## Note

Effective array gain = 7.24dBi

Limit =  $30 - (7.24 - 6) = 28.76$  dBm

Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

## IEEE 802.11n(40MHz) (ANT 0)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	21.28	$\leq 28.76$
159	5795	22.35	$\leq 28.76$

## Note

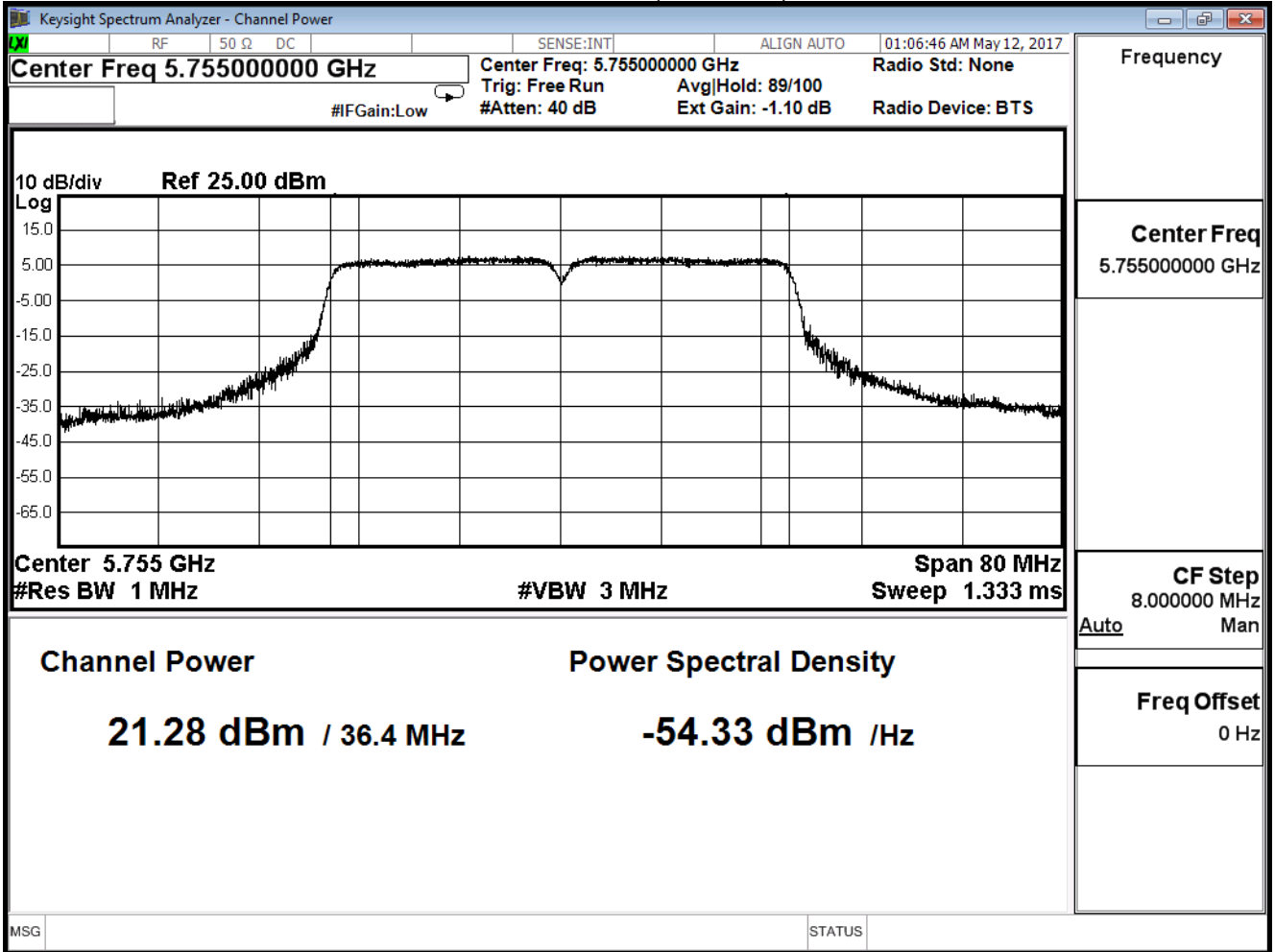
Effective array gain = 7.24dBi

Limit =  $30 - (7.24 - 6) = 28.76$  dBm

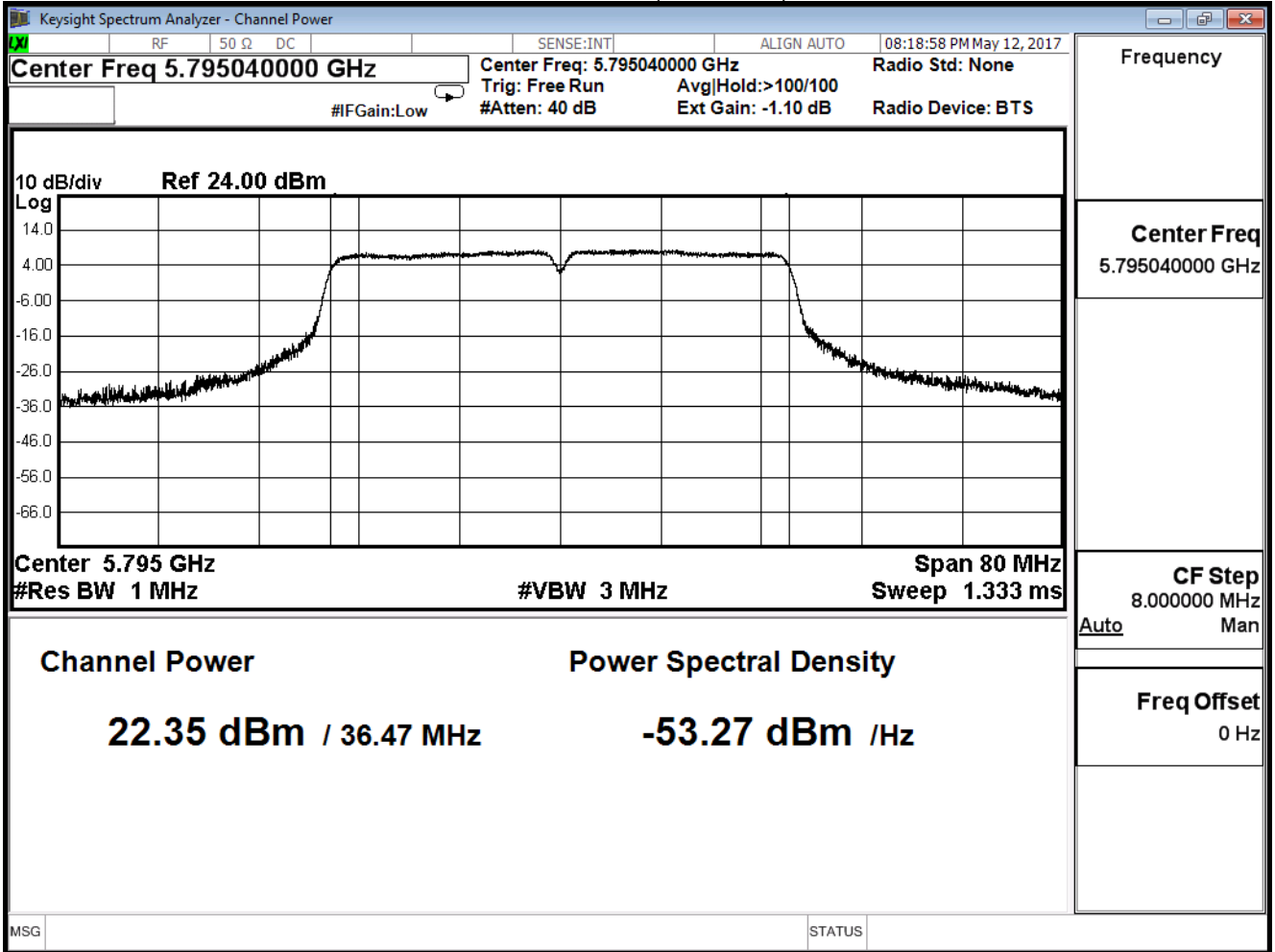
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit (dBm)
		24	25	26	27	28	29	30	31	
151	5755	21.28	--	--	--	--	--	--	--	$\leq 28.76$
159	5795	22.35	22.09	22.00	21.89	21.76	21.54	21.34	21.21	

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 1)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	21.31	≤ 28.76
159	5795	22.33	≤ 28.76

Note

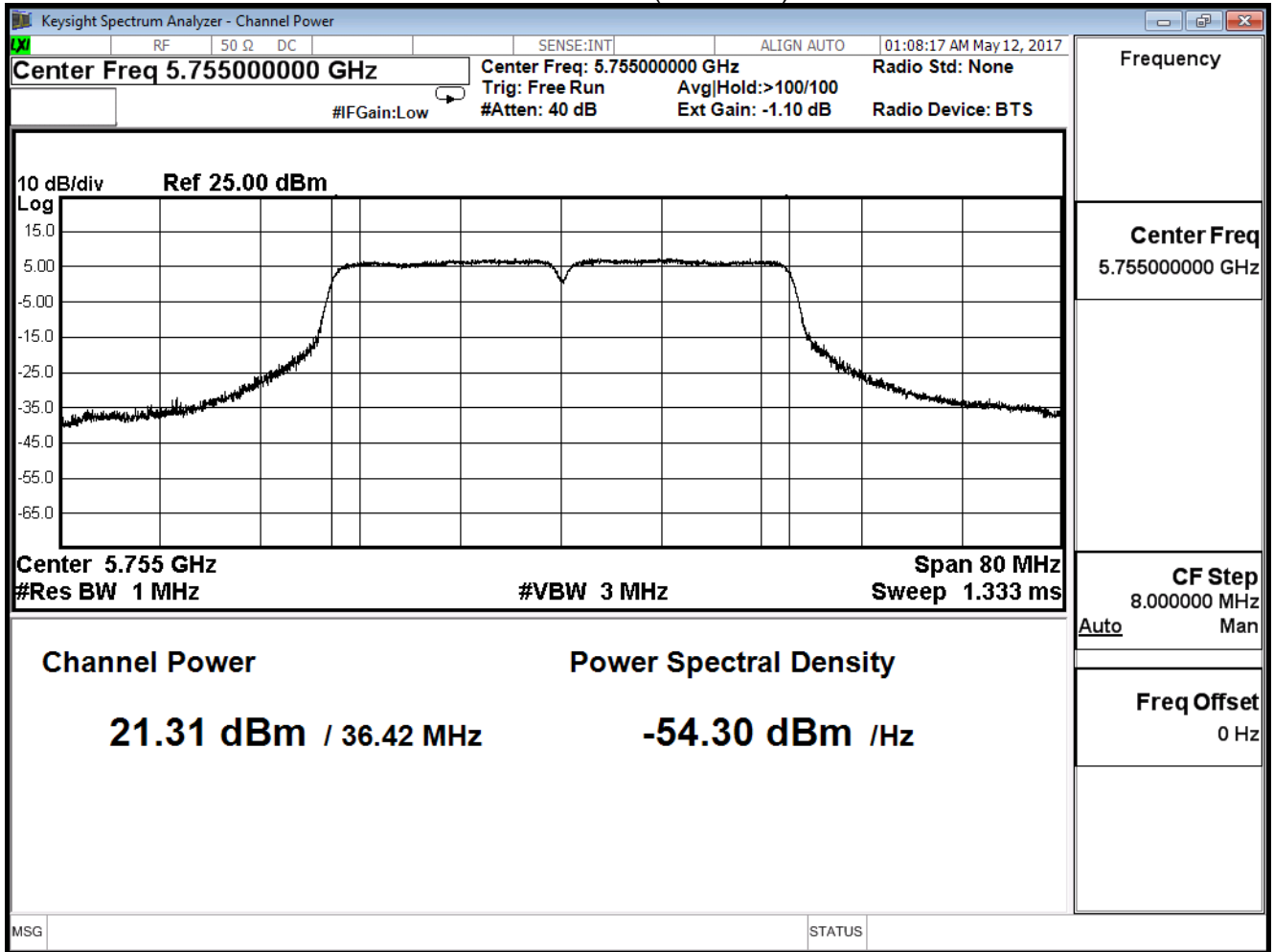
Effective array gain = 7.24dBi

Limit = 30-(7.24-6) = 28.76 dBm

The worst emission of data rate is MCS 24

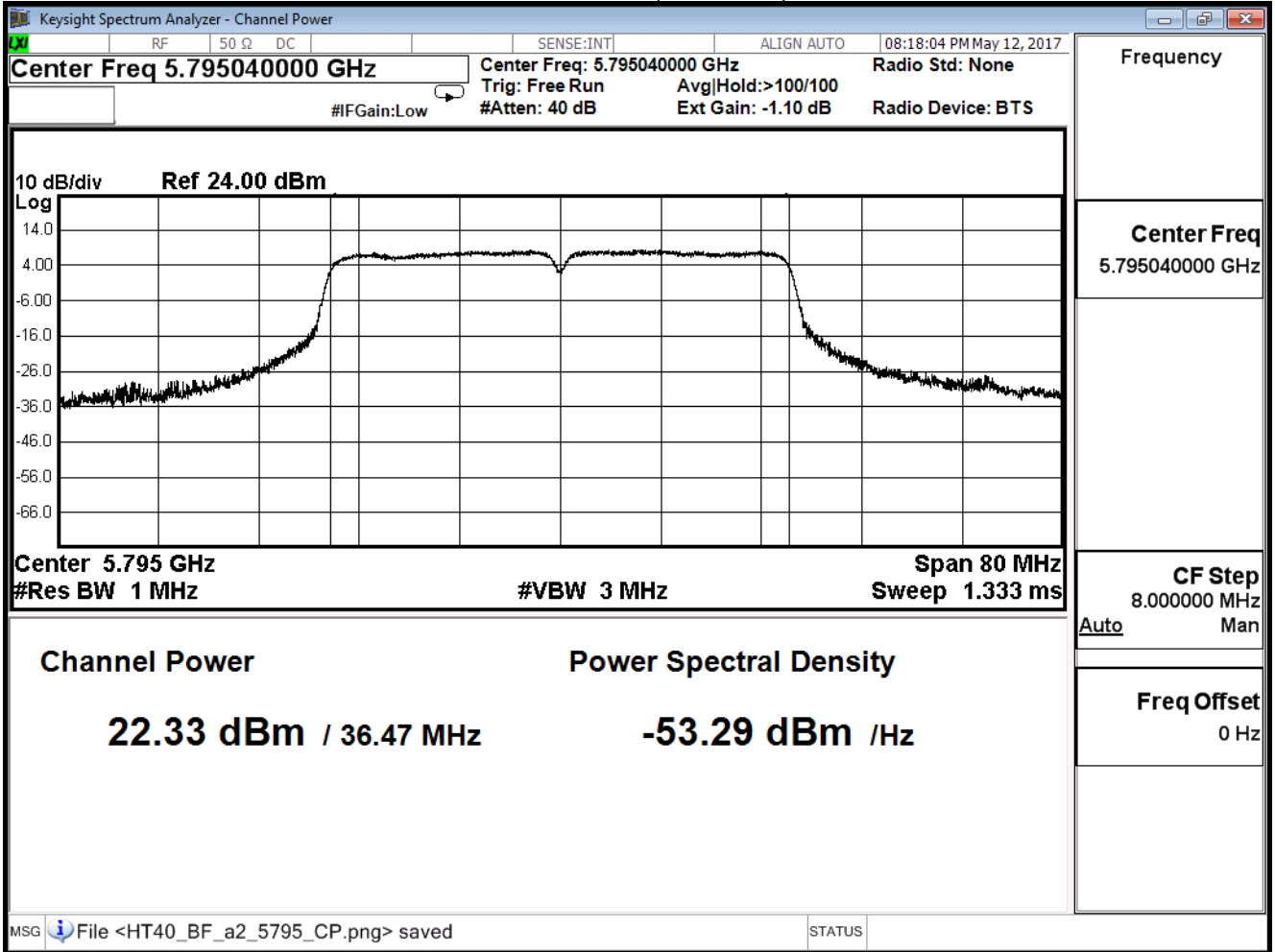
Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit (dBm)
		24	25	26	27	28	29	30	31	
151	5755	21.31	--	--	--	--	--	--	--	≤ 28.76
159	5795	23.33	23.12	23.09	22.03	21.88	21.65	21.21	21.02	

Channel 151 (5755MHz)





### Channel 159 (5795MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 2)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	21.33	≤ 28.76
159	5795	22.38	≤ 28.76

Note

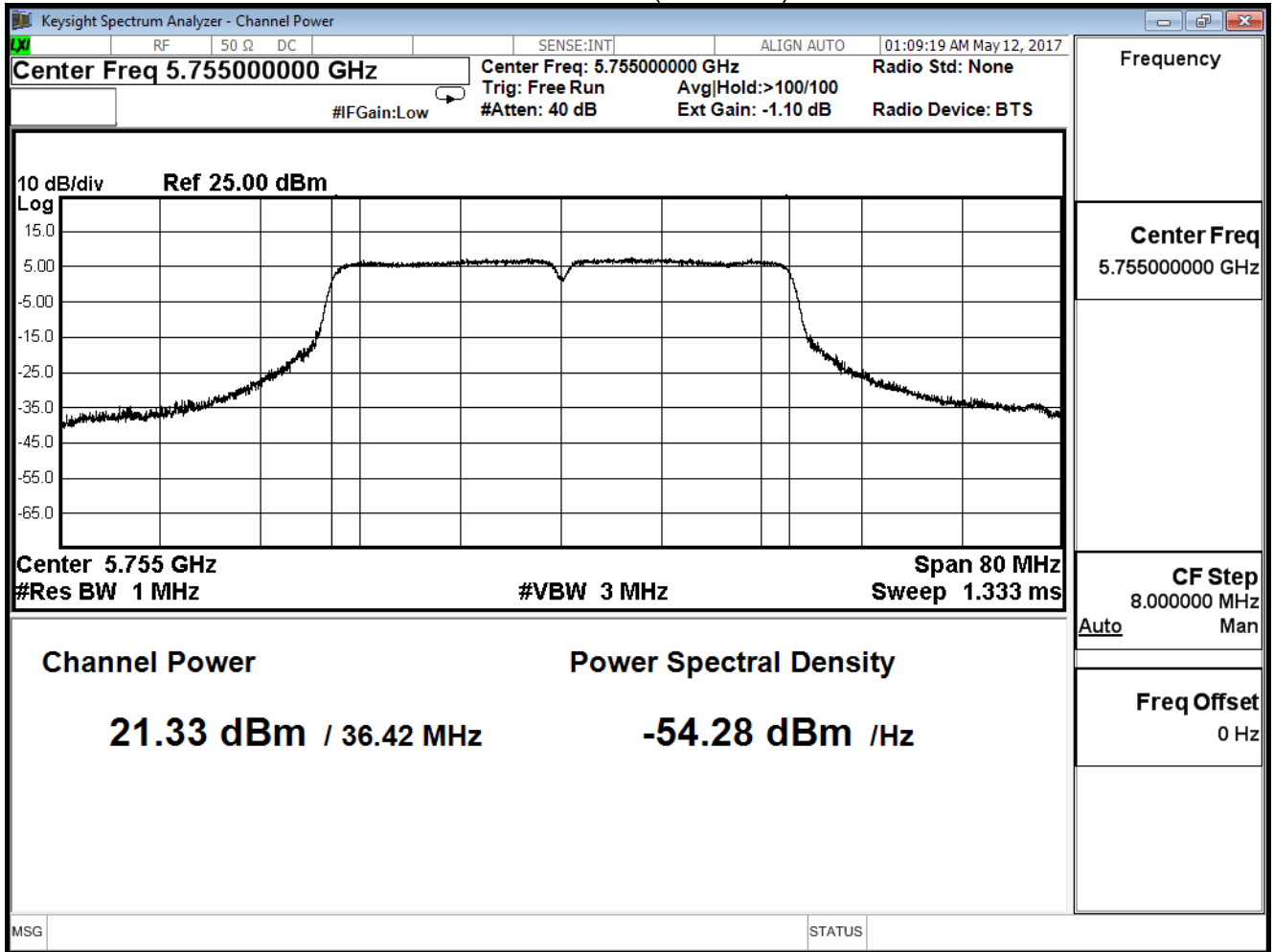
Effective array gain = 7.24dBi

Limit = 30-(7.24-6) = 28.76 dBm

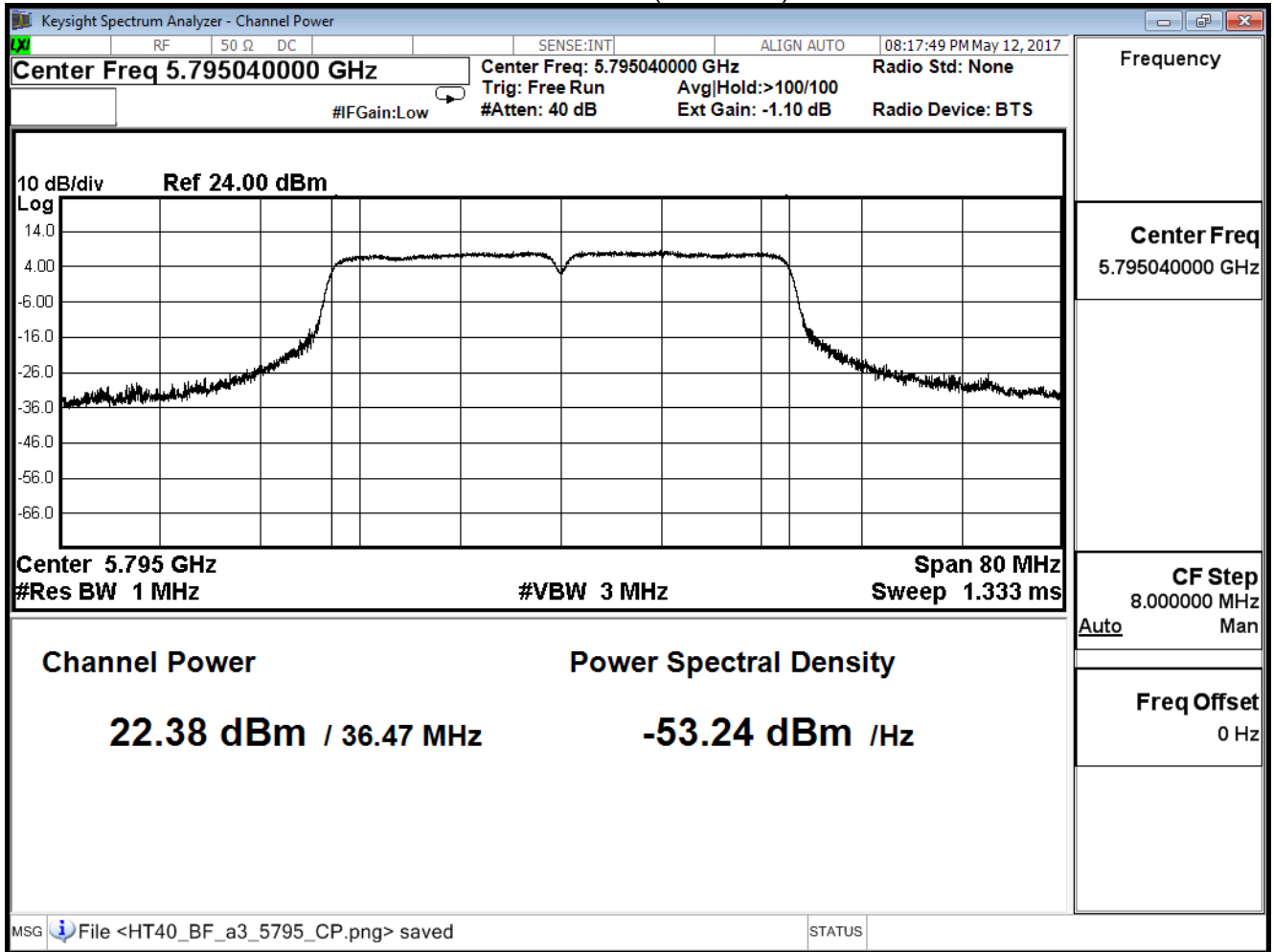
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit (dBm)
		24	25	26	27	28	29	30	31	
151	5755	21.33	--	--	--	--	--	--	--	≤ 28.76
159	5795	22.38	22.02	21.87	21.67	21.45	21.21	21.09	20.77	

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 3)

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	21.26	≤ 28.76
159	5795	22.32	≤ 28.76

Note

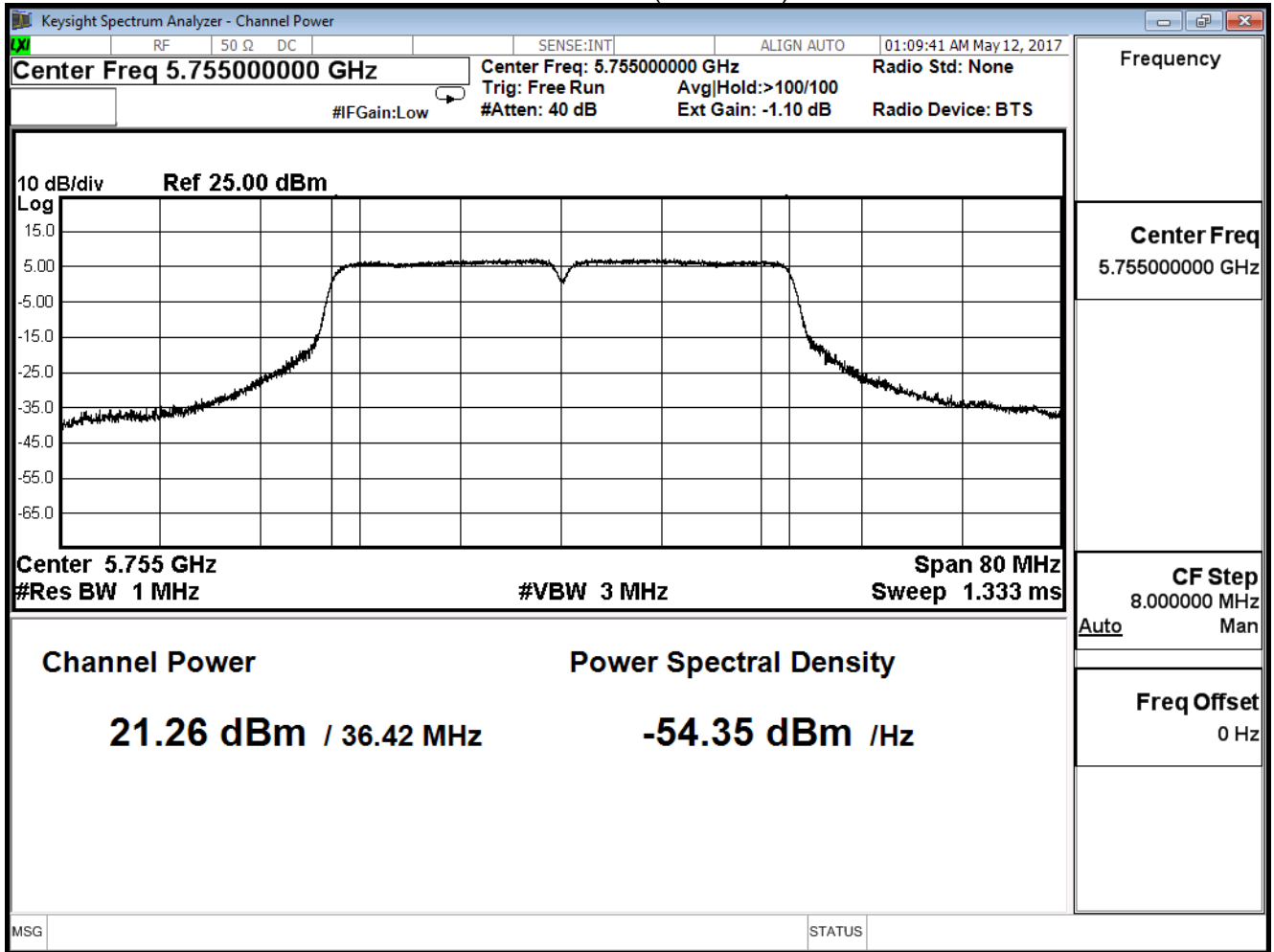
Effective array gain = 7.24dBi

Limit = 30-(7.24-6) = 28.76 dBm

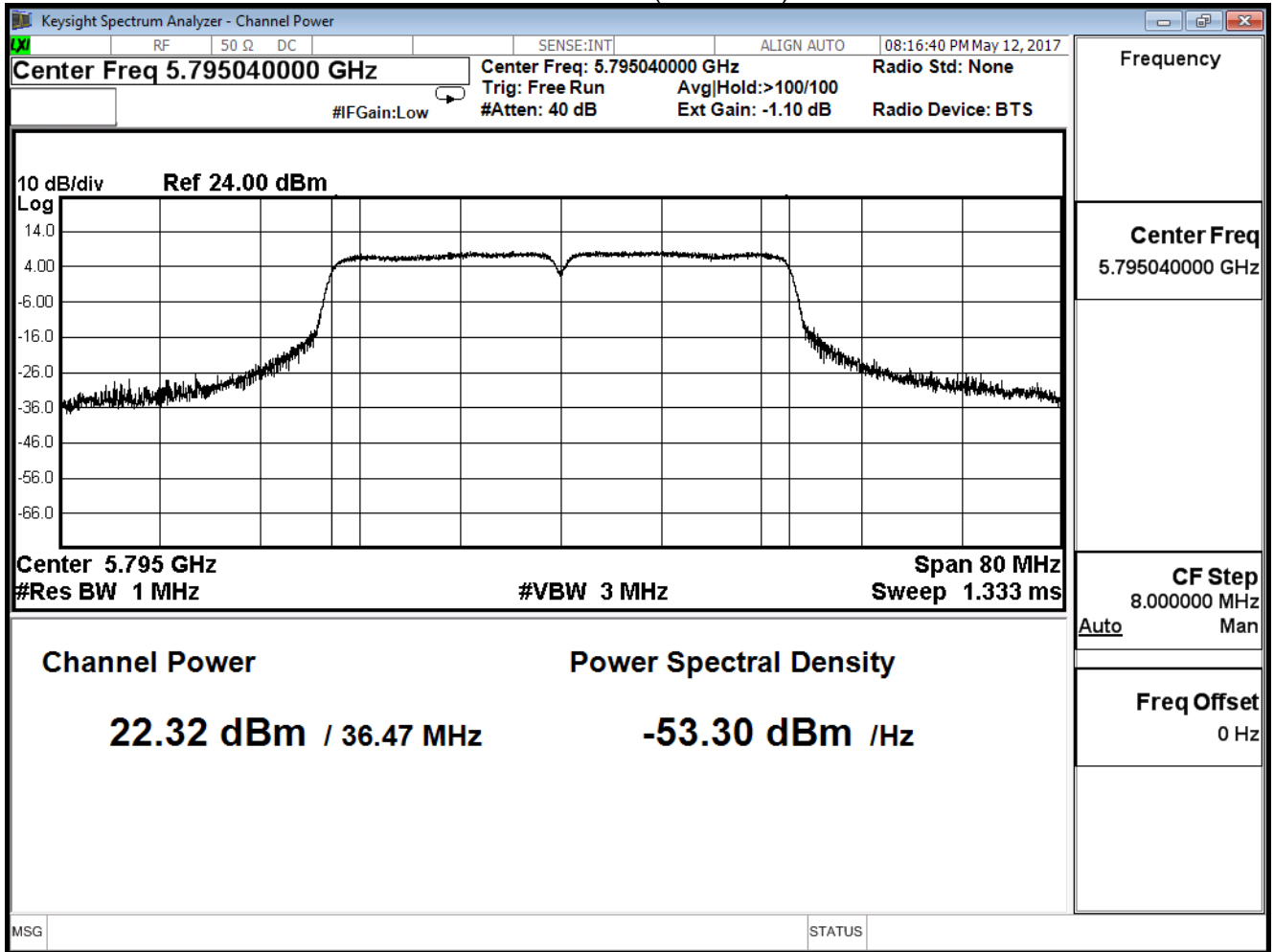
The worst emission of data rate is MCS 24

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate								Required Limit (dBm)
		24	25	26	27	28	29	30	31	
151	5755	21.26	--	--	--	--	--	--	--	≤ 28.76
159	5795	22.32	22.10	21.90	21.76	21.64	21.51	21.32	21.11	

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
151	5755	27.32	$\leq 28.76$
159	5795	28.37	$\leq 28.76$

## Note

Effective array gain = 7.24dBi

Limit =  $30 - (7.24 - 6) = 28.76$  dBm



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	22.20	≤ 28.76

Note

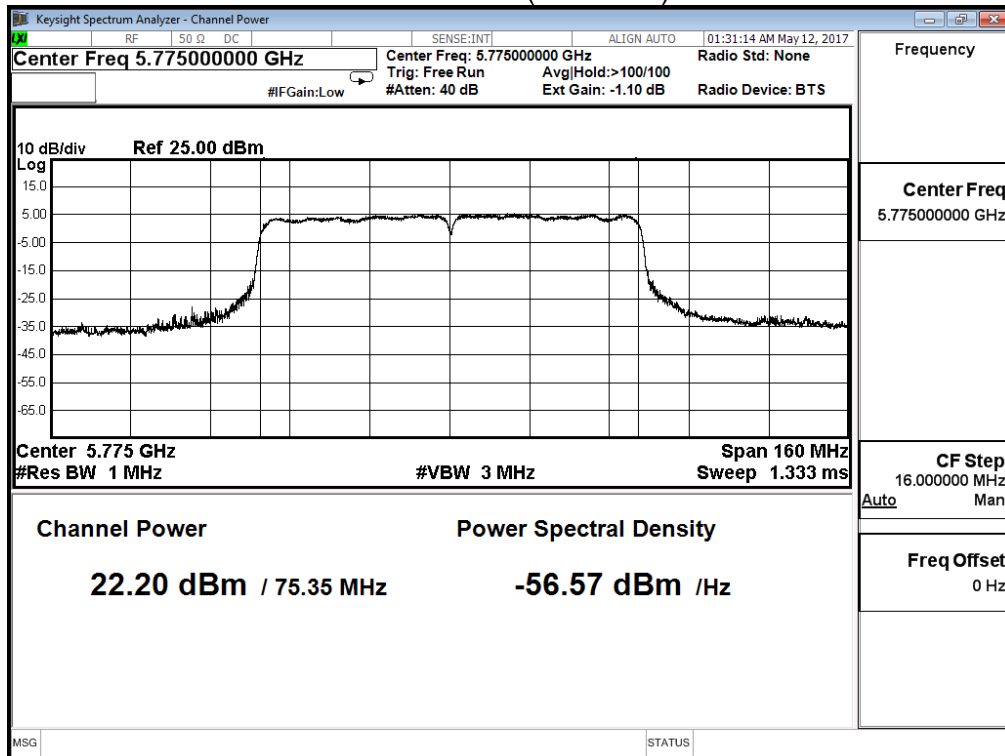
Effective array gain = 7.24dBi

Limit = 30-(7.24-6) = 28.76 dBm

The worst emission of data rate is MCS 0

Peak Power Output (dBm)												
Channel No	Frequency (MHz)	Data Rate										Required Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	
151	5755	22.2	22.12	21.78	21.45	21.12	20.78	20.43	20.12	19.88	19.56	≤ 28.76

Channel 155 (5775MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	22.28	≤ 28.76

Note

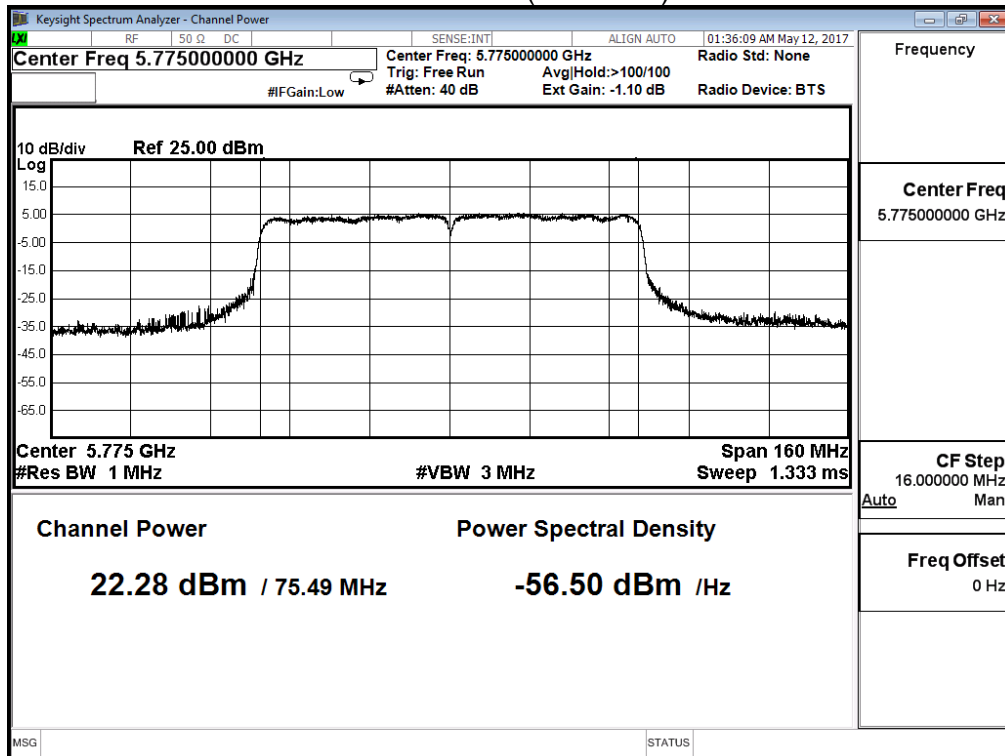
Effective array gain = 7.24dBi

Limit = 30-(7.24-6) = 28.76 dBm

The worst emission of data rate is MCS 0

Peak Power Output (dBm)												
Channel No	Frequency (MHz)	Data Rate										Required Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	
151	5755	22.28	22.03	21.98	21.77	21.64	21.21	21.05	20.43	19.34	19.21	≤ 28.76

Channel 155 (5775MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	22.27	≤ 28.76

Note

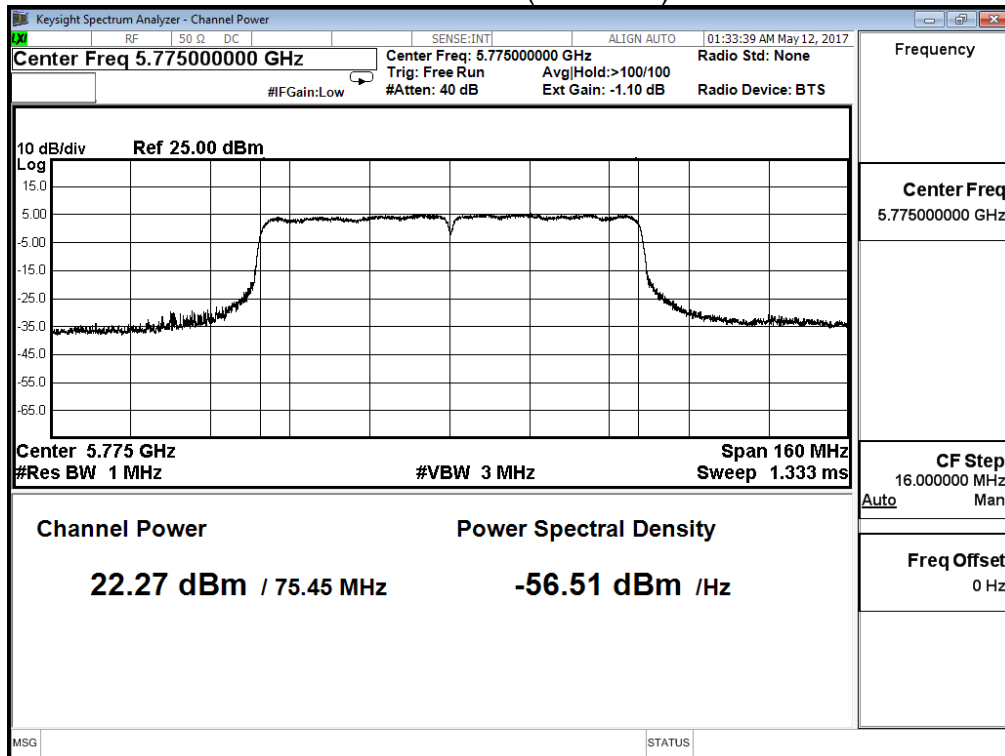
Effective array gain = 7.24dBi

Limit = 30-(7.24-6) = 28.76 dBm

The worst emission of data rate is MCS 0

Peak Power Output (dBm)												
Channel No	Frequency (MHz)	Data Rate										Required Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	
151	5755	22.27	22.11	22.01	21.76	21.32	21.10	20.87	20.45	20.10	19.77	≤ 28.76

Channel 155 (5775MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	22.26	≤ 28.76

Note

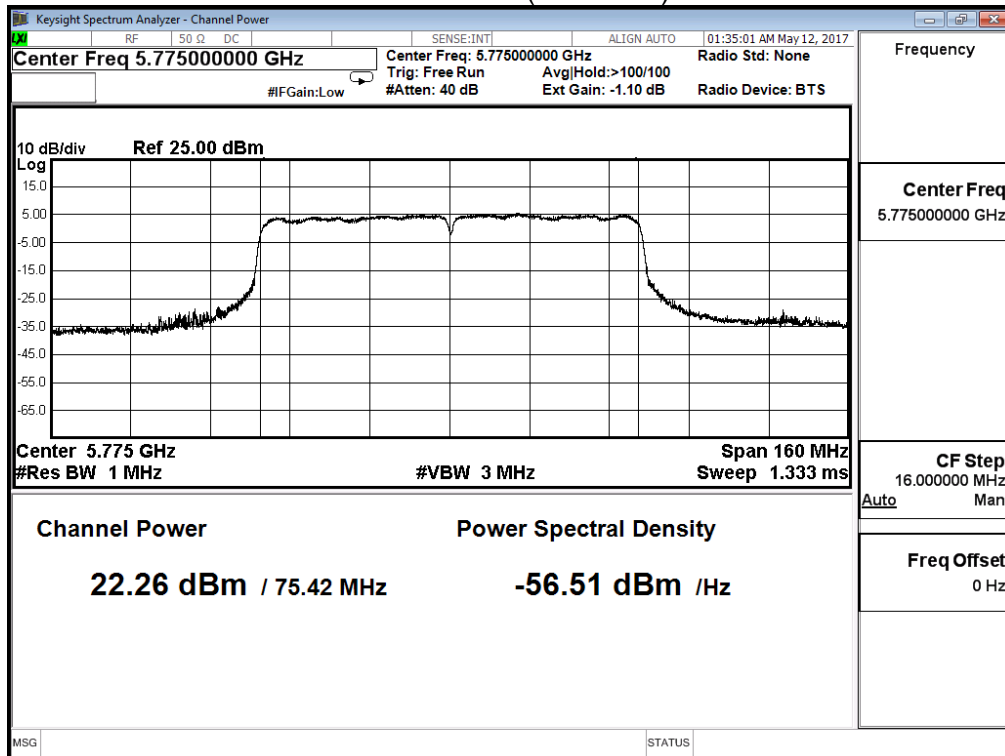
Effective array gain = 7.24dBi

Limit = 30-(7.24-6) = 28.76 dBm

The worst emission of data rate is MCS 0

Peak Power Output (dBm)												
Channel No	Frequency (MHz)	Data Rate										Required Limit (dBm)
		0	1	2	3	4	5	6	7	8	9	
151	5755	22.26	22.12	22.01	21.78	21.44	21.22	21.09	20.93	20.66	220.3	≤ 28.76

Channel 155 (5775MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/12	Test Site	SR10-H

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

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)
155	5775	28.27	$\leq 28.76$

## Note

Effective array gain = 7.24dBi

Limit =  $30 - (7.24 - 6) = 28.76$  dBm

## 5. Peak Power Spectrum Density

### 5.1. Test Equipment

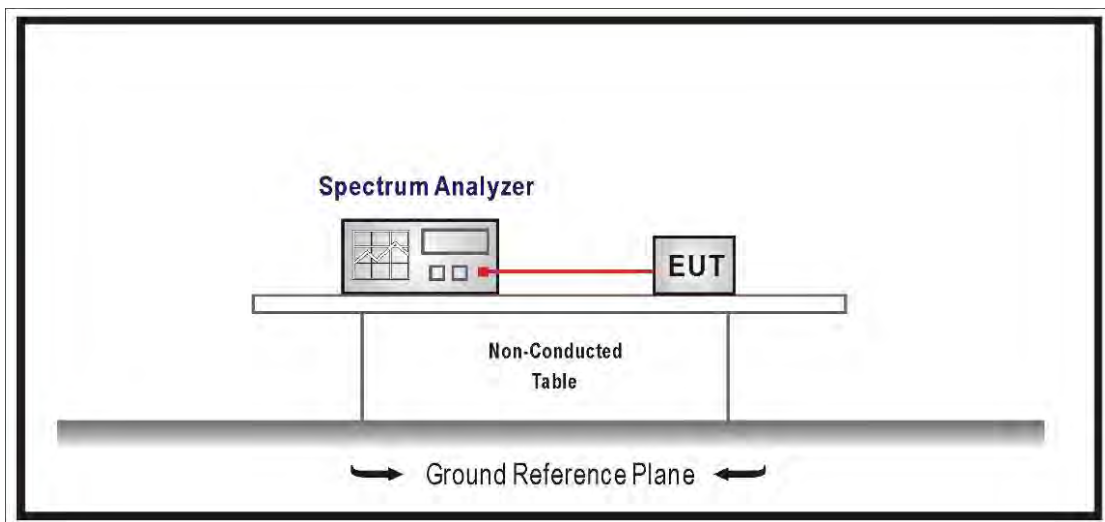
The following test equipment are used during the radiated emission tests:

Peak Power Spectrum Density / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2018/03/12

Note: All equipment that need to calibrate are with calibration period of 1 year.

### 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.D02 V01r03 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  $\pm 1.27$  dB

### 5.6. Test Result

Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: TX CDD_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

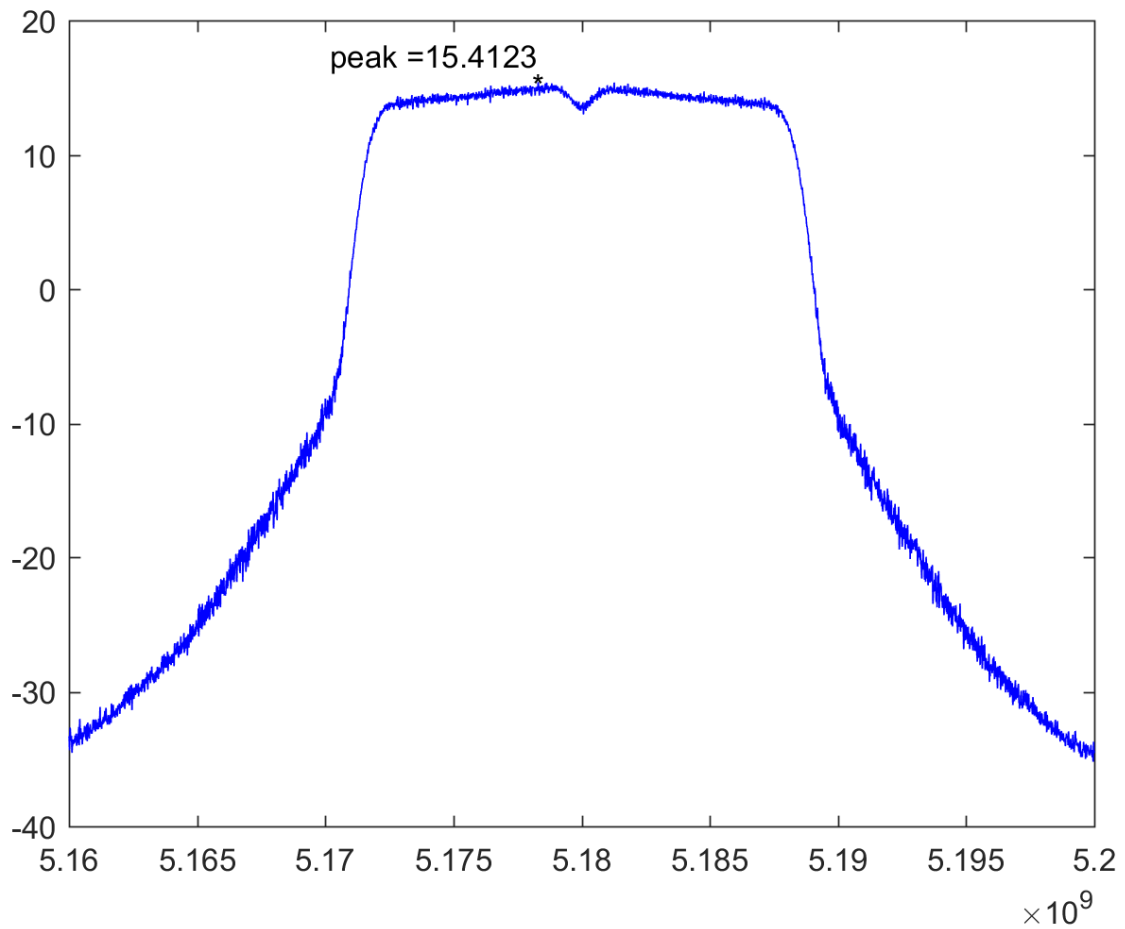
IEEE 802.11a (ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	15.412	$\leq 15.51$	Pass
44	5220	15.382	$\leq 15.51$	Pass
48	5240	15.274	$\leq 15.51$	Pass

Note

Effective array gain = 7.49dBi

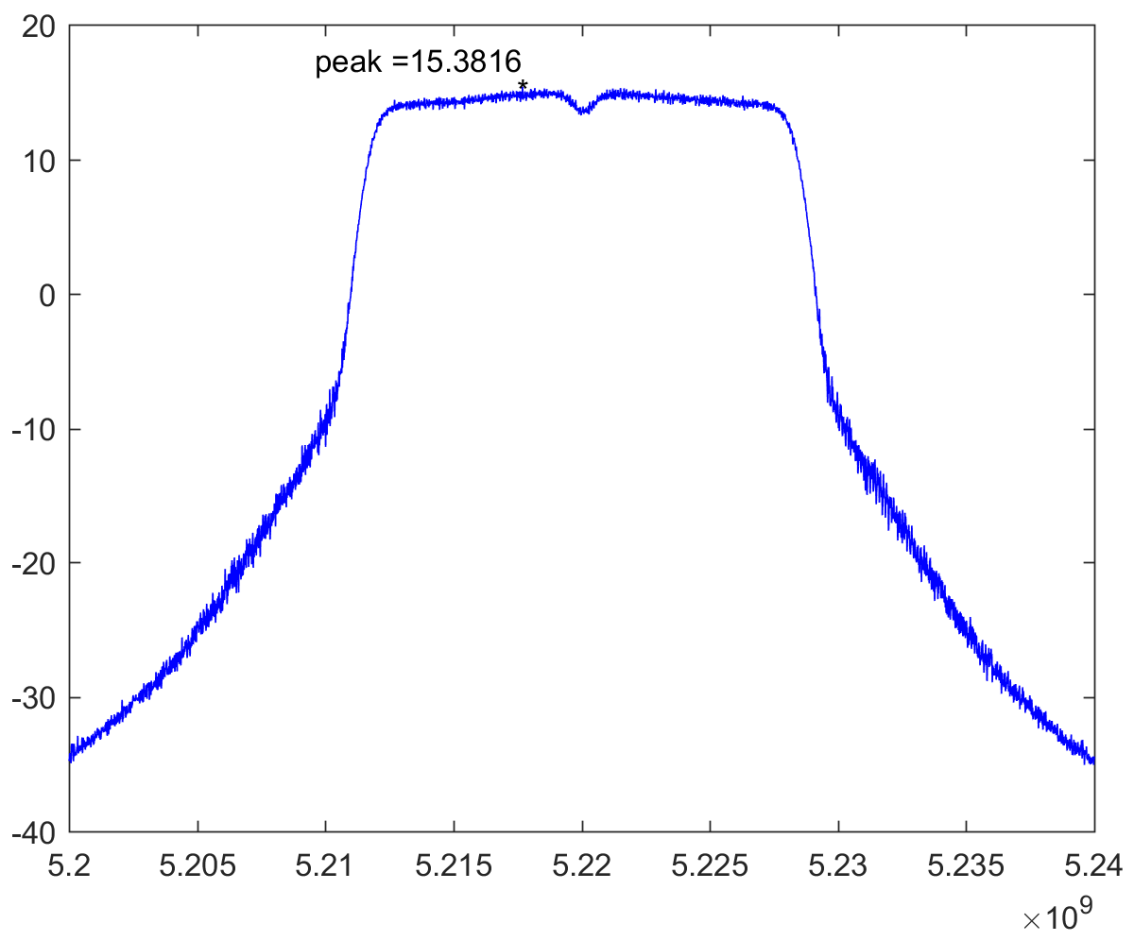
Limit = 17-(7.49-6) = 15.51 dBm

Channel 36 (5180MHz)

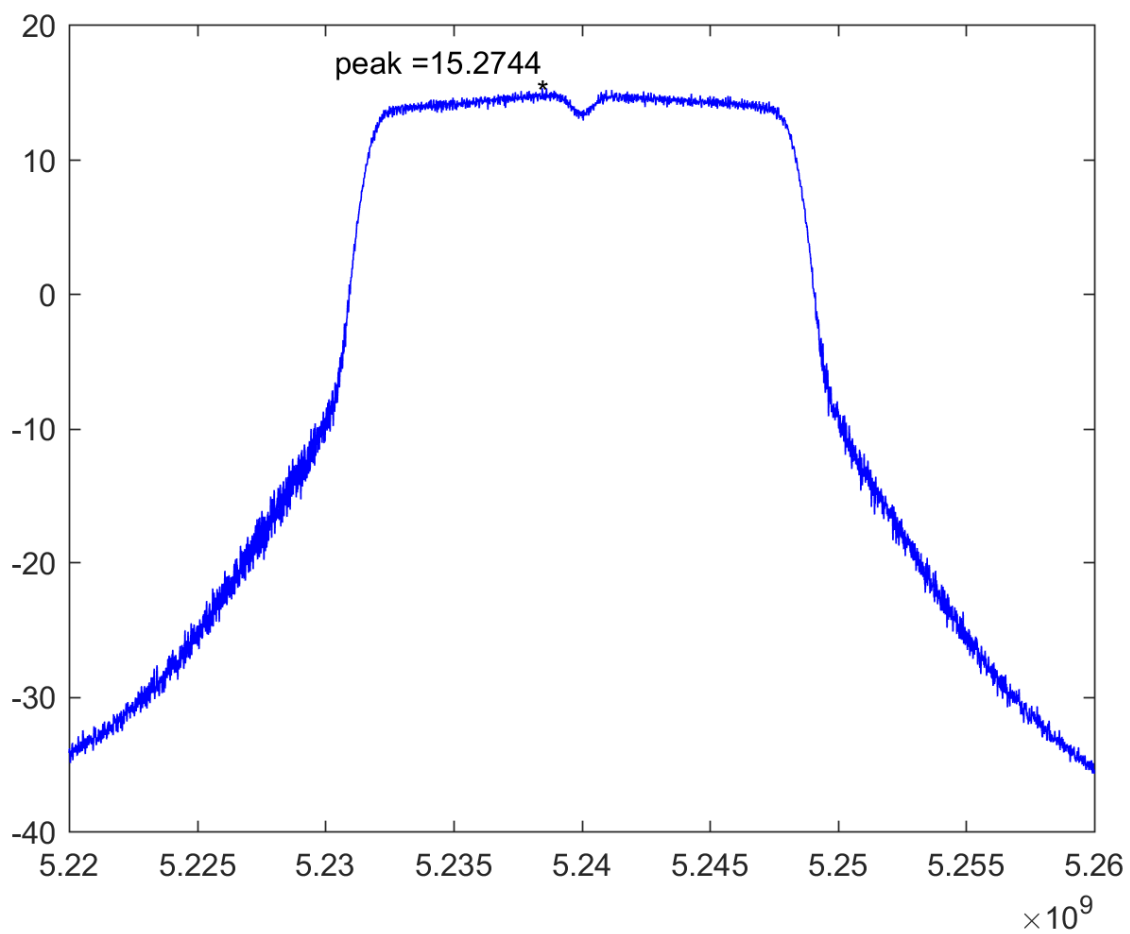




Channel 44 (5220MHz)



Channel 48 (5240MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

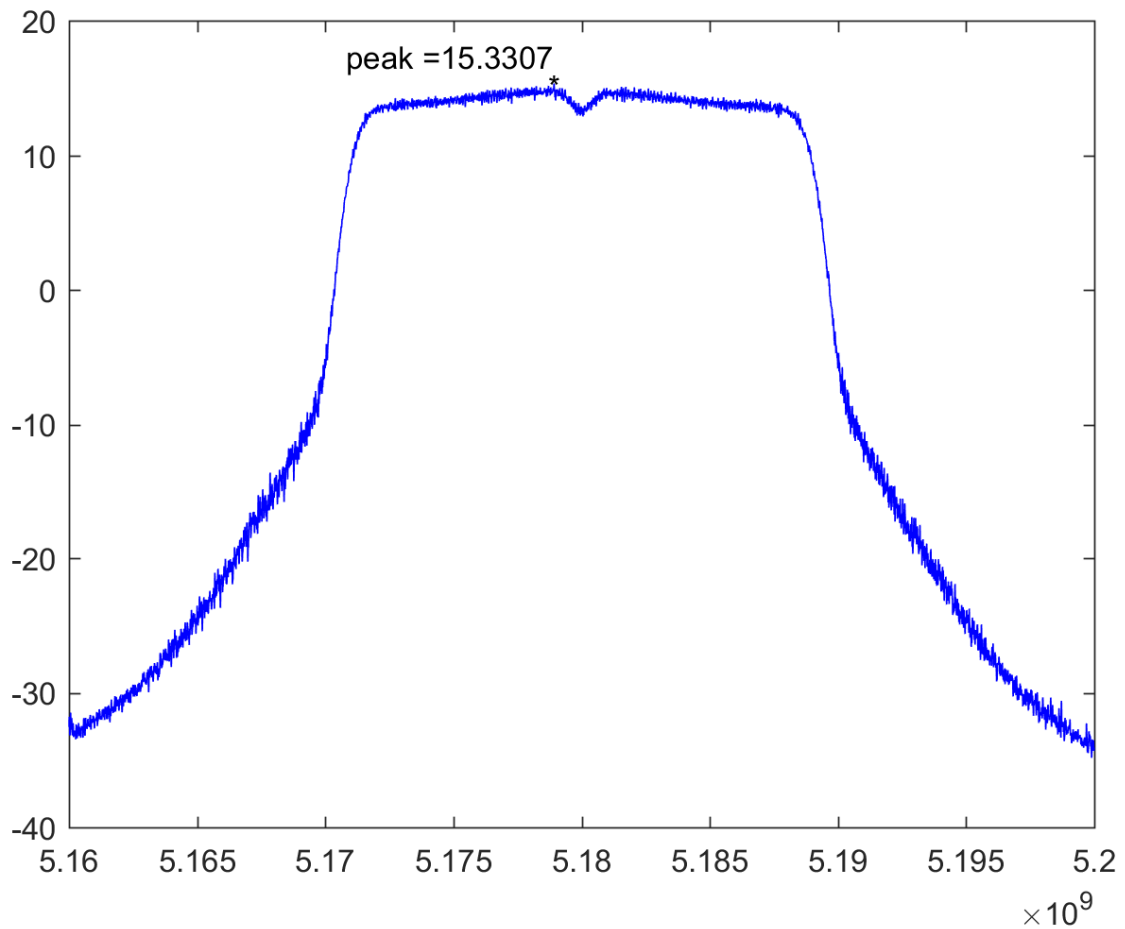
IEEE 802.11n(20MHz)(ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	15.331	≤ 15.51	Pass
44	5220	15.327	≤ 15.51	Pass
48	5240	15.222	≤ 15.51	Pass

Note

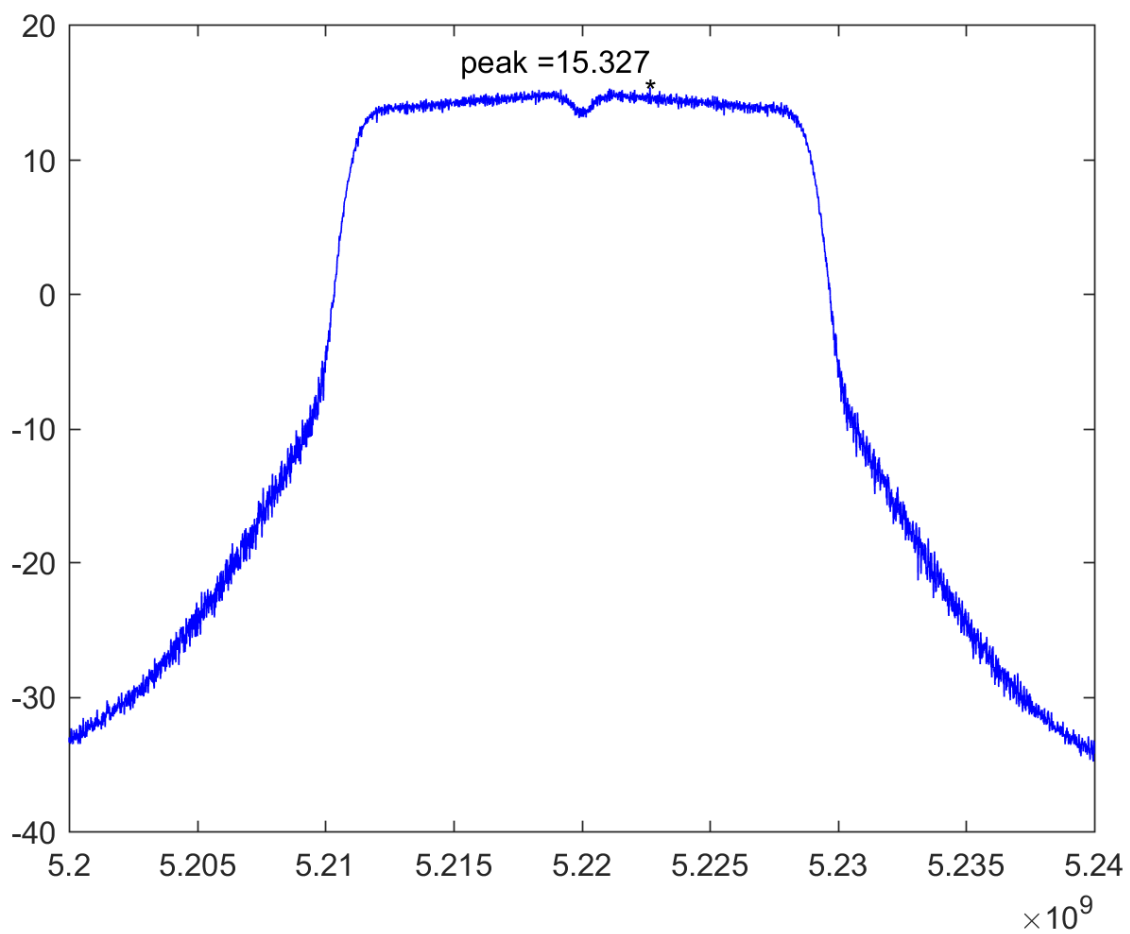
Effective array gain = 7.49dBi

Limit = 17-(7.49-6) = 15.51 dBm

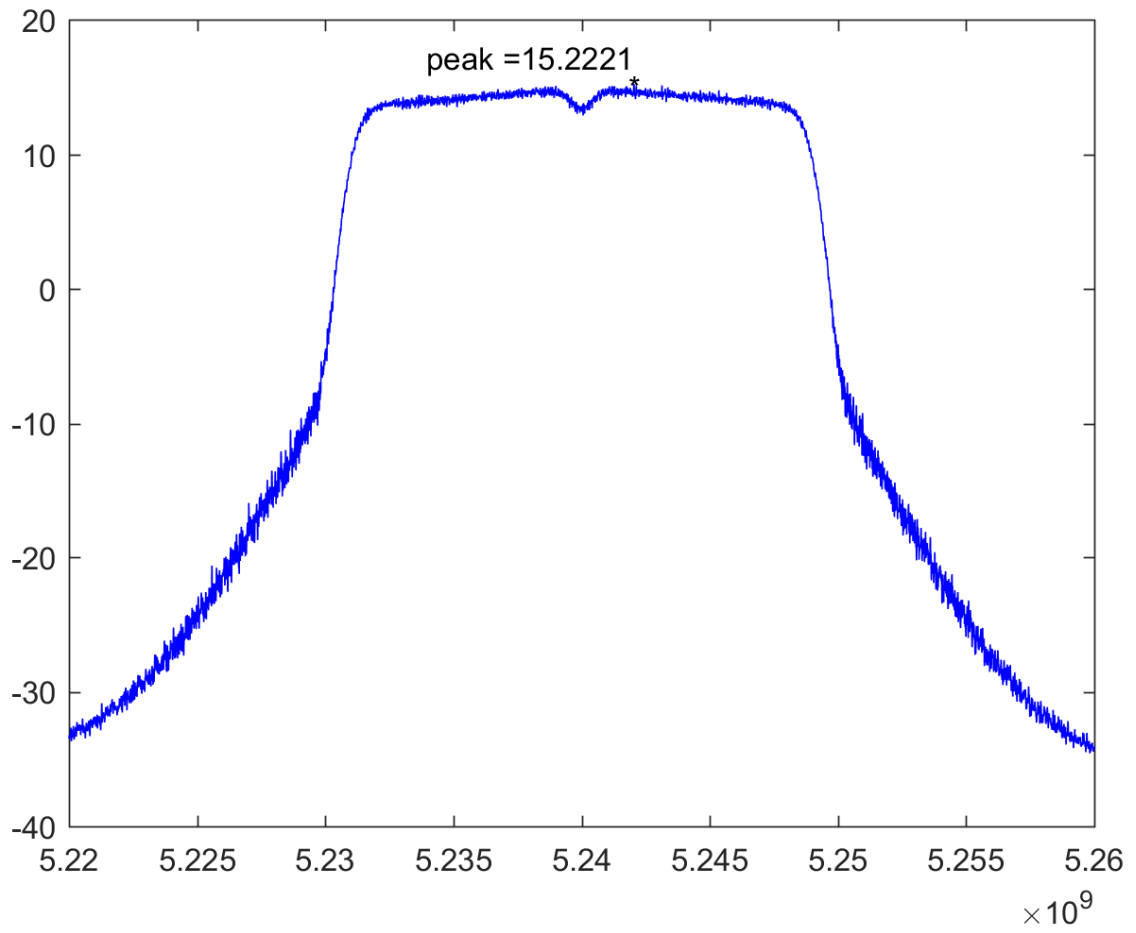
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

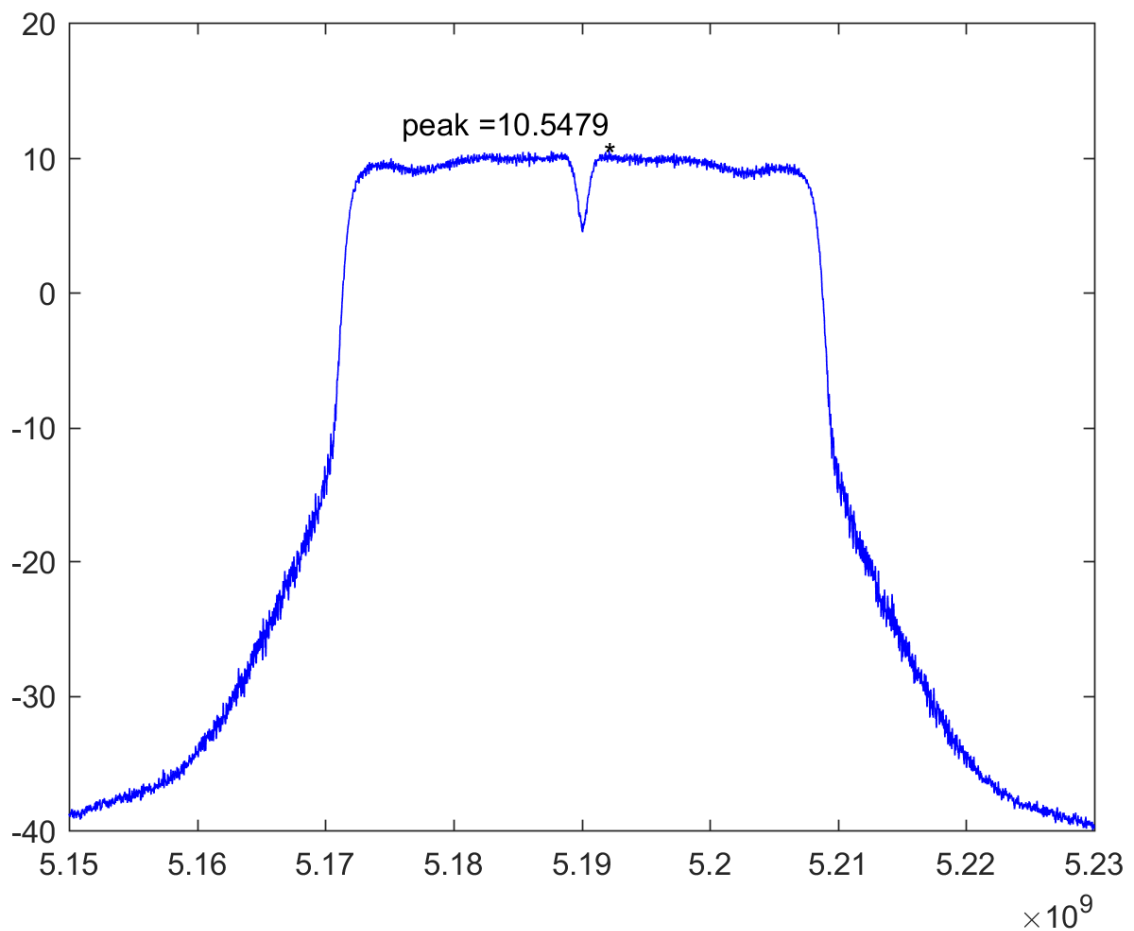
IEEE 802.11n(40MHz)(ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
38	5190	10.548	≤ 15.51	Pass
46	5230	12.205	≤ 15.51	Pass

Note

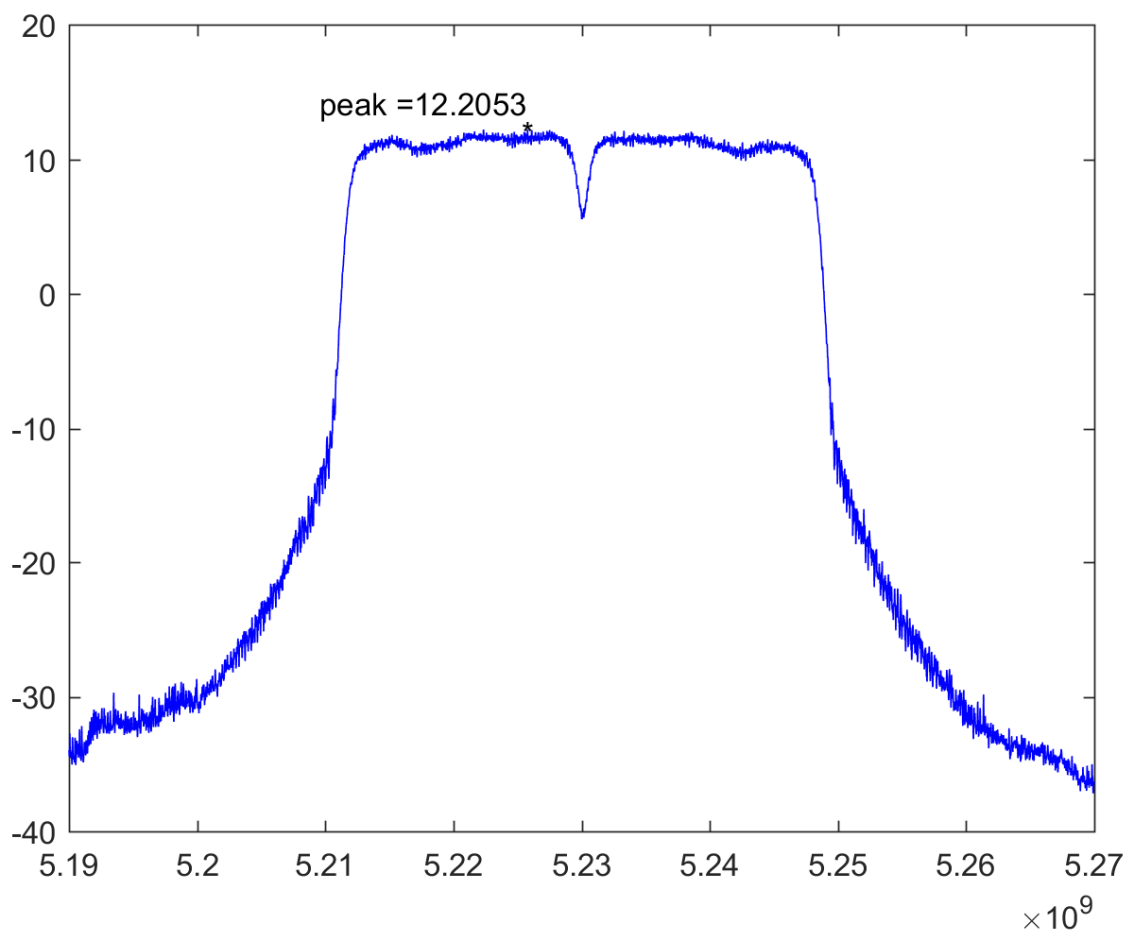
Effective array gain = 7.49dBi

Limit = 17-(7.49-6) = 15.51 dBm

Channel 38 (5190MHz)



Channel 46 (5230MHz)



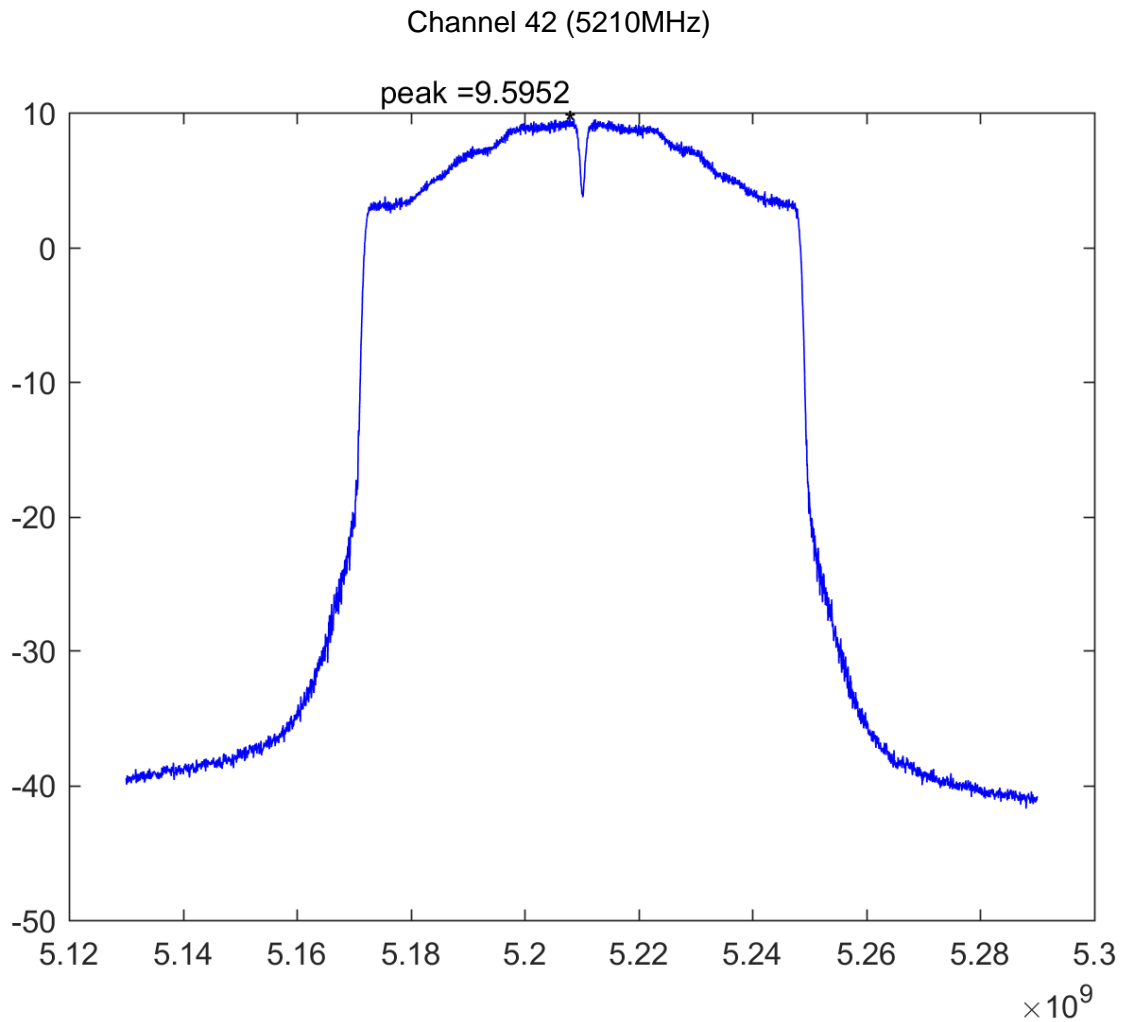
Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

IEEE802.11ac(80MHz)(ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
42	5210	9.595	≤ 15.51	Pass

Note

Effective array gain = 7.49dBi

Limit = 17-(7.49-6) = 15.51 dBm





Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

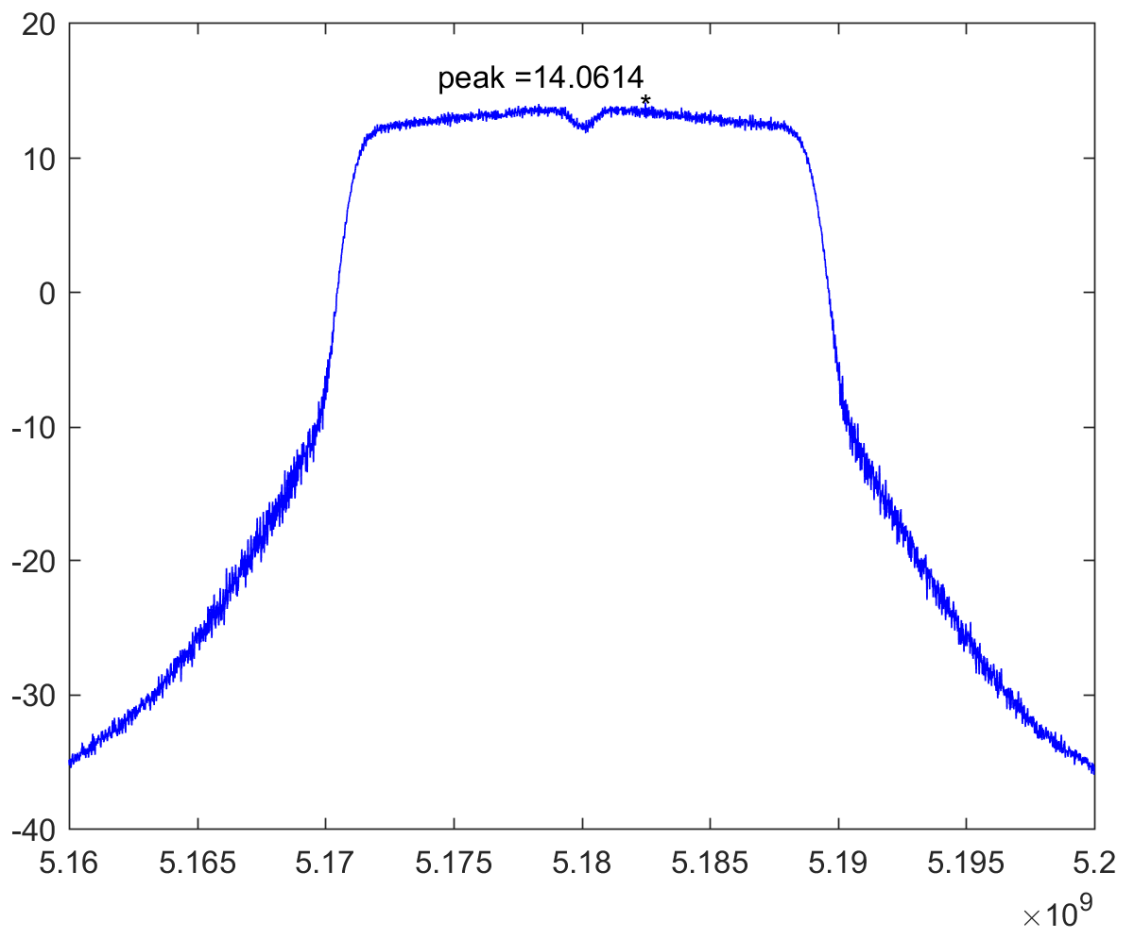
IEEE 802.11n(20MHz)(ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	14.061	≤ 15.51	Pass
44	5220	15.327	≤ 15.51	Pass
48	5240	15.222	≤ 15.51	Pass

Note

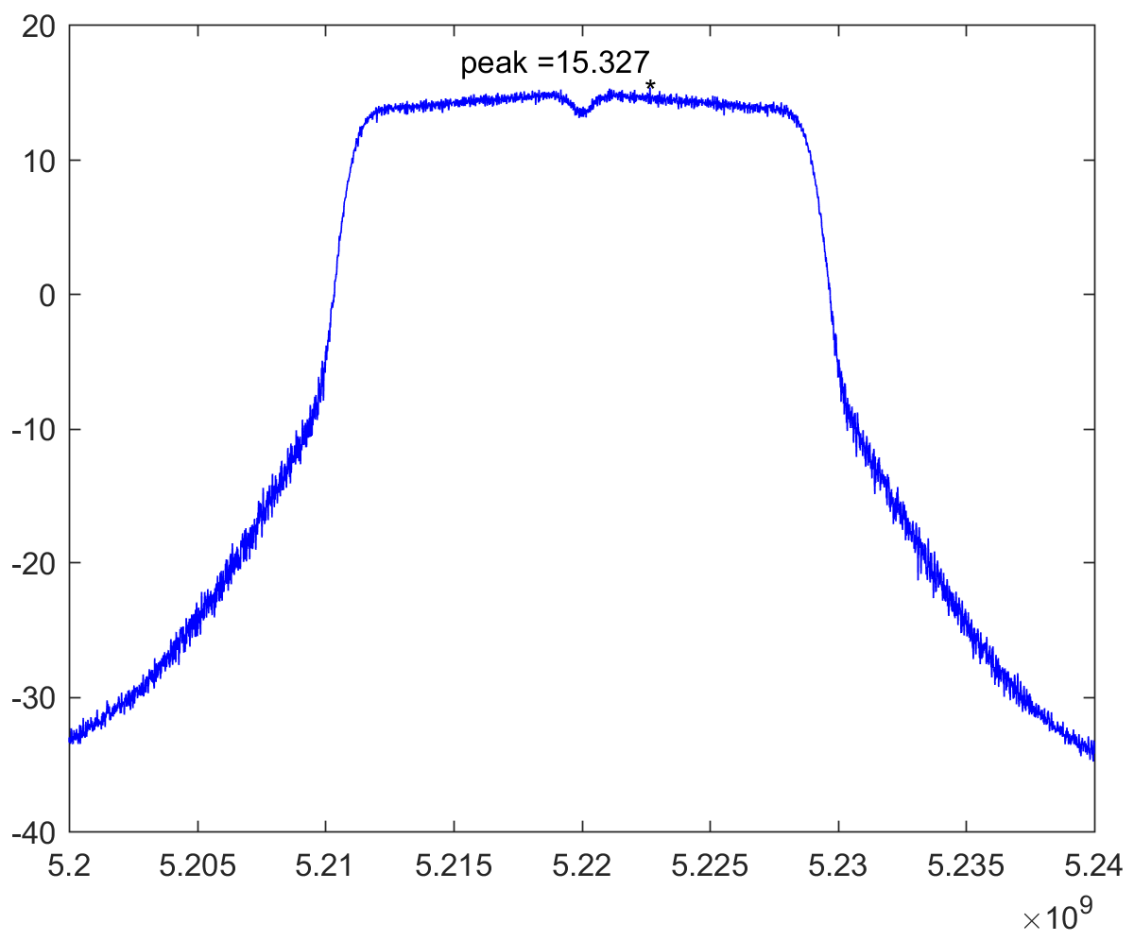
Effective array gain = 7.49dBi

Limit = 17-(7.49-6) = 15.51 dBm

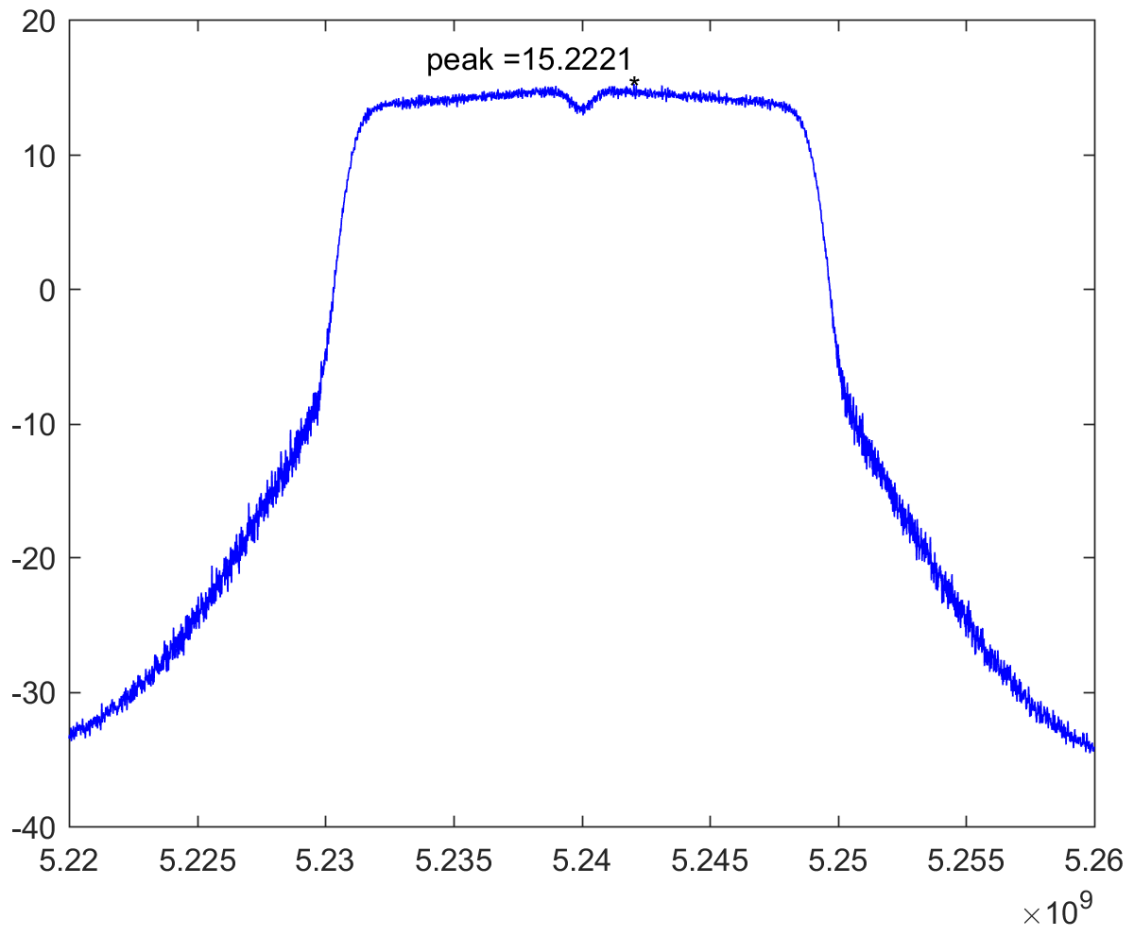
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: TX MIMO_ ADP: AD890326		
Date of Test	2017/05/11	Test Site	SR10-H

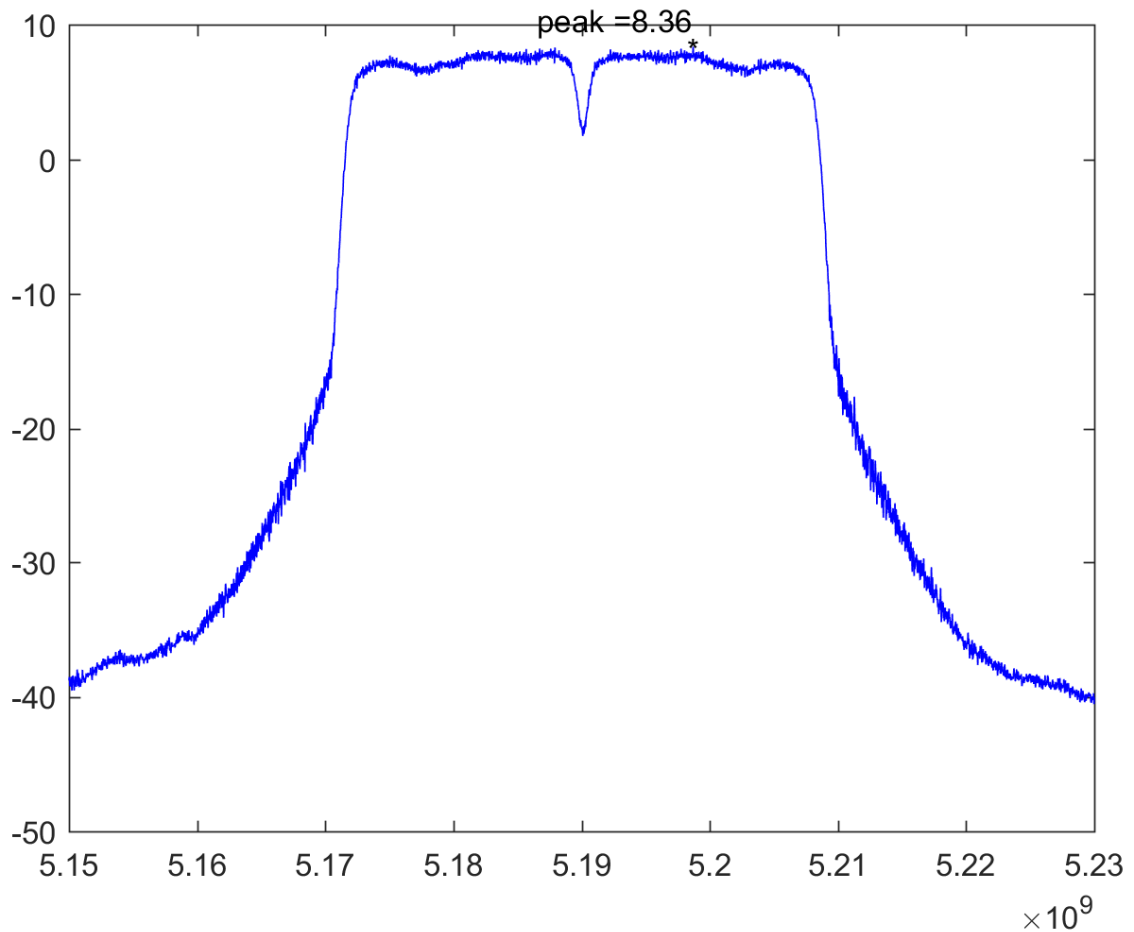
IEEE 802.11n(40MHz)(ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
38	5190	8.360	≤ 15.51	Pass
46	5230	13.298	≤ 15.51	Pass

Note

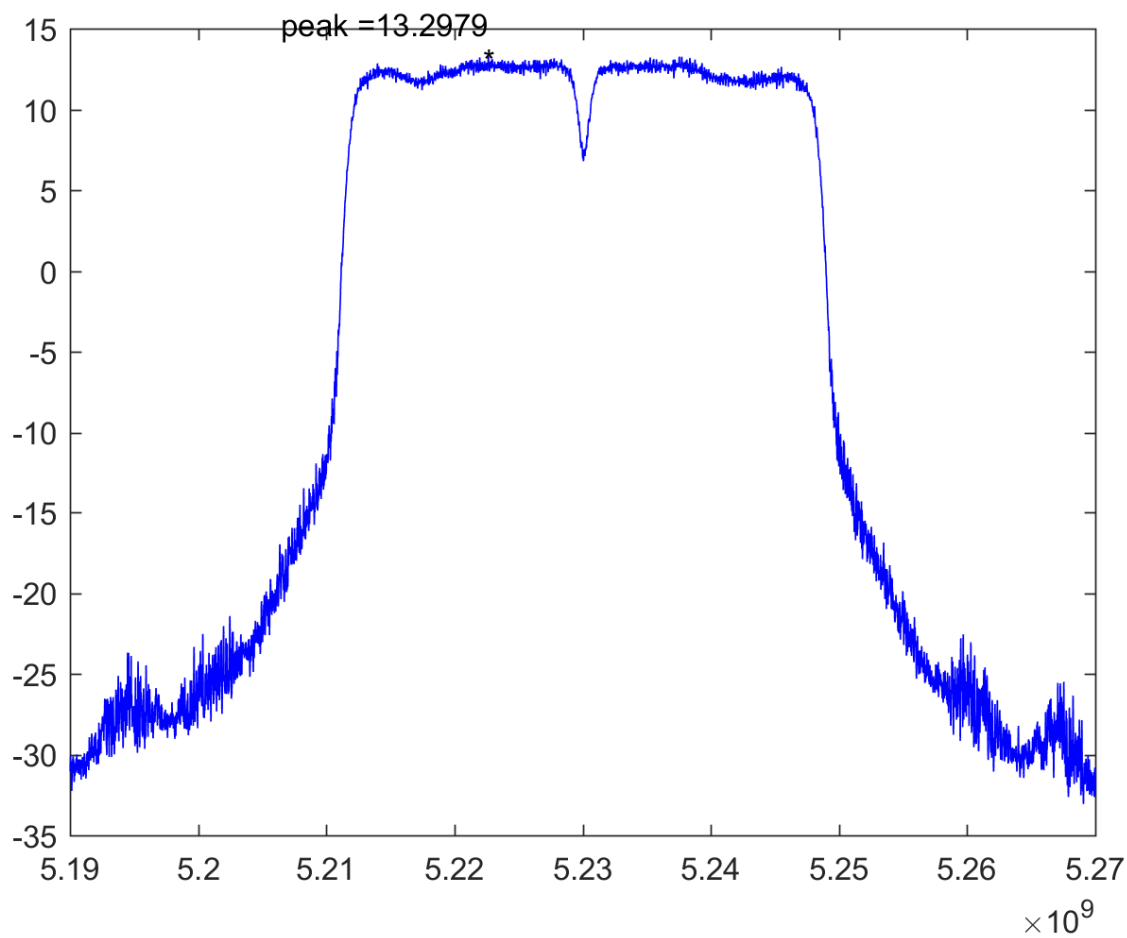
Effective array gain = 7.49dBi

Limit = 17-(7.49-6) = 15.51 dBm

Channel 38 (5190MHz)



Channel 46 (5230MHz)



Product	Wireless-AC2600 Dual Band Gigabit Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 3: TX BF_ ADP: AD890326		
Date of Test	2017/05/24	Test Site	SR10-H

IEEE802.11ac(80MHz)(ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
42	5210	8.814	$\leq 15.51$	Pass

Note

Effective array gain = 7.49dBi

Limit = 17-(7.49-6) = 15.51 dBm

Channel 42 (5210MHz)

