

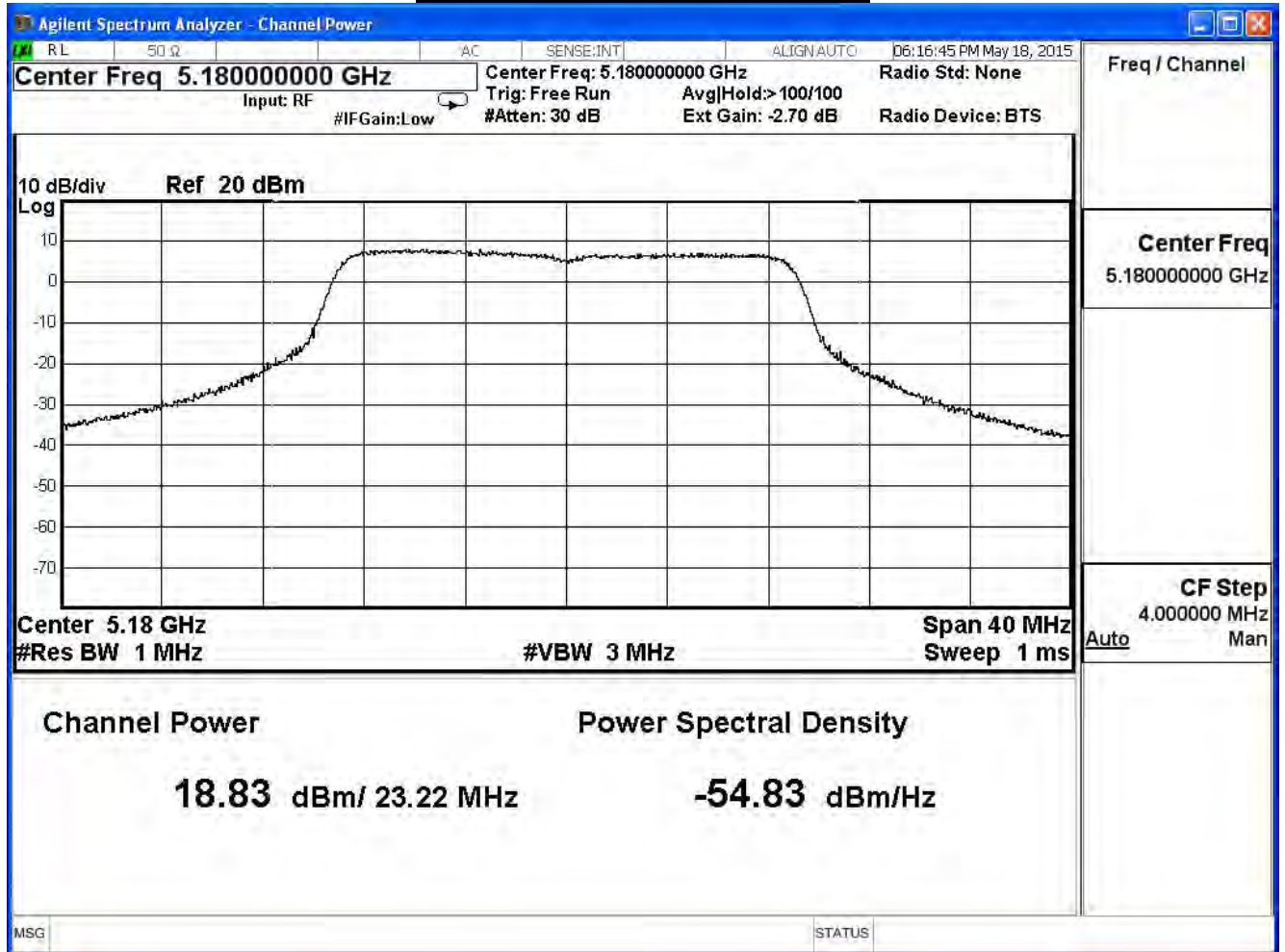
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11n(20MHz) (ANT 0)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Required Limit	Result
36	5180	23.22	18.83	≤30	Pass
44	5220	23.82	19.49	≤30	Pass
48	5240	24.72	20.06	≤30	Pass

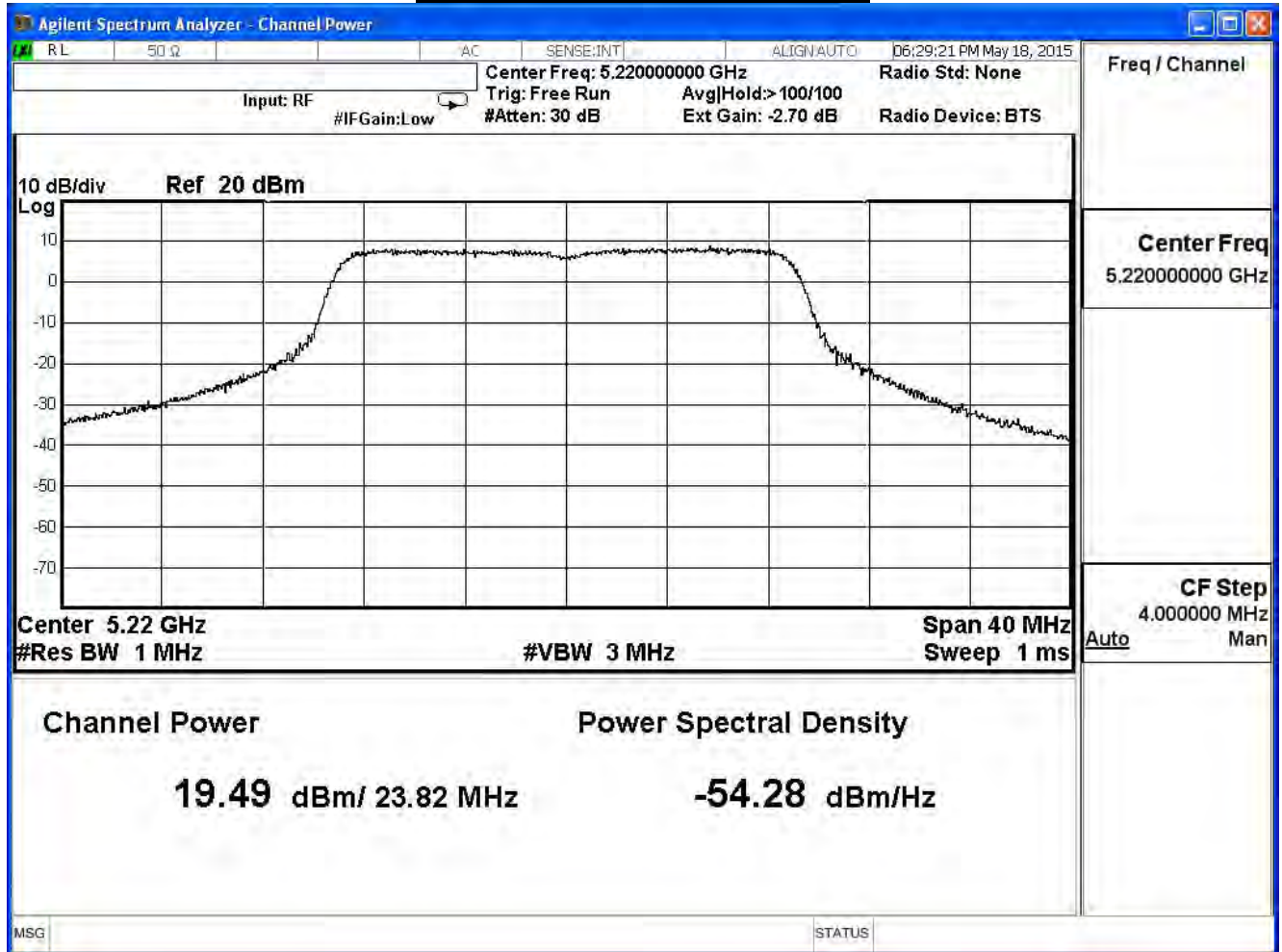
The worst emission of data rate is 6.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
36	5180	18.83	--	--	--	--	--	--	--	30dBm
44	5220	19.49	19.39	19.29	19.09	18.99	18.87	18.63	18.51	
48	5240	20.06	--	--	--	--	--	--	--	

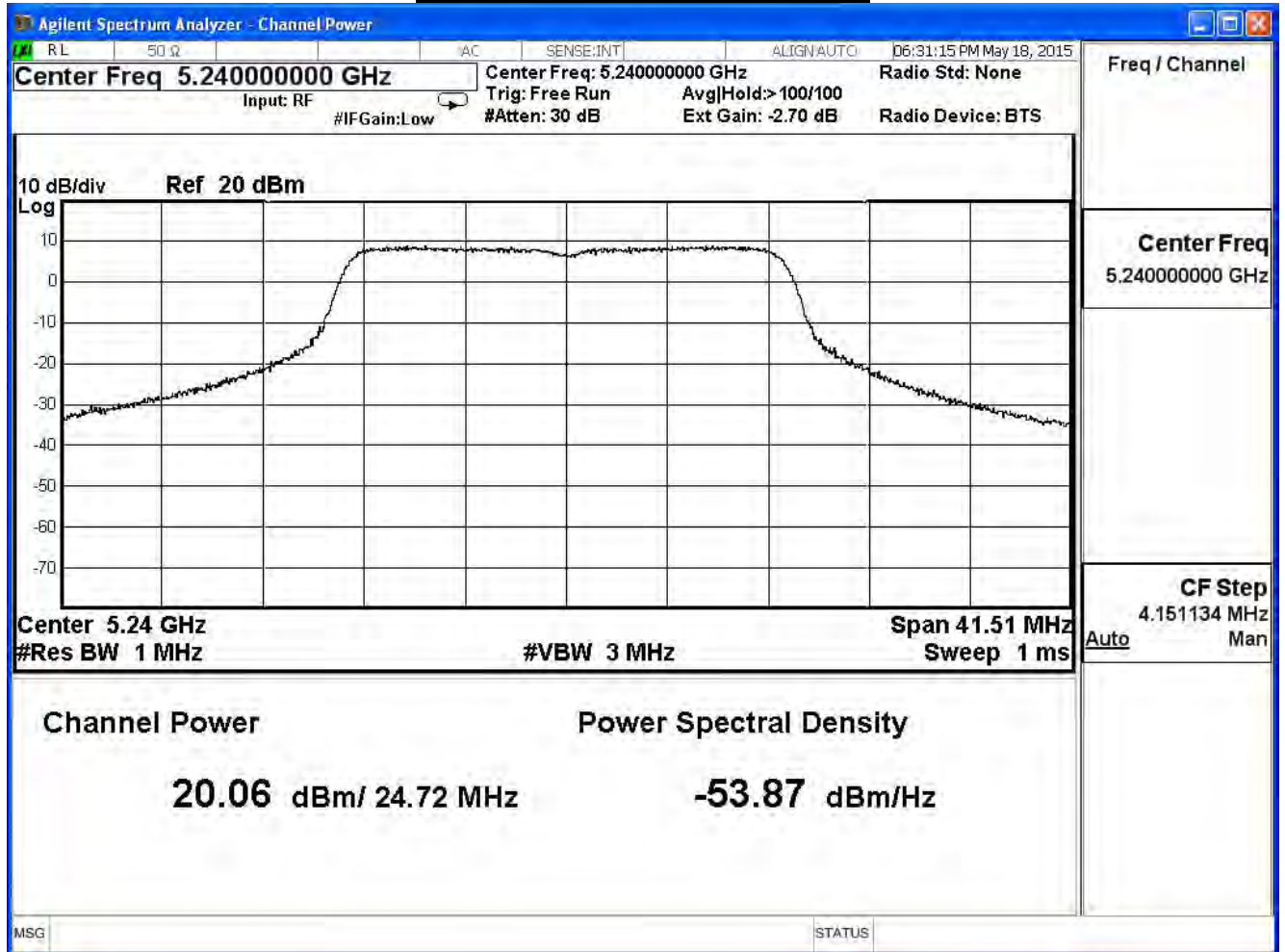
Peak transmit Power - Channel 36



Peak transmit Power - Channel 44



Peak transmit Power - Channel 48



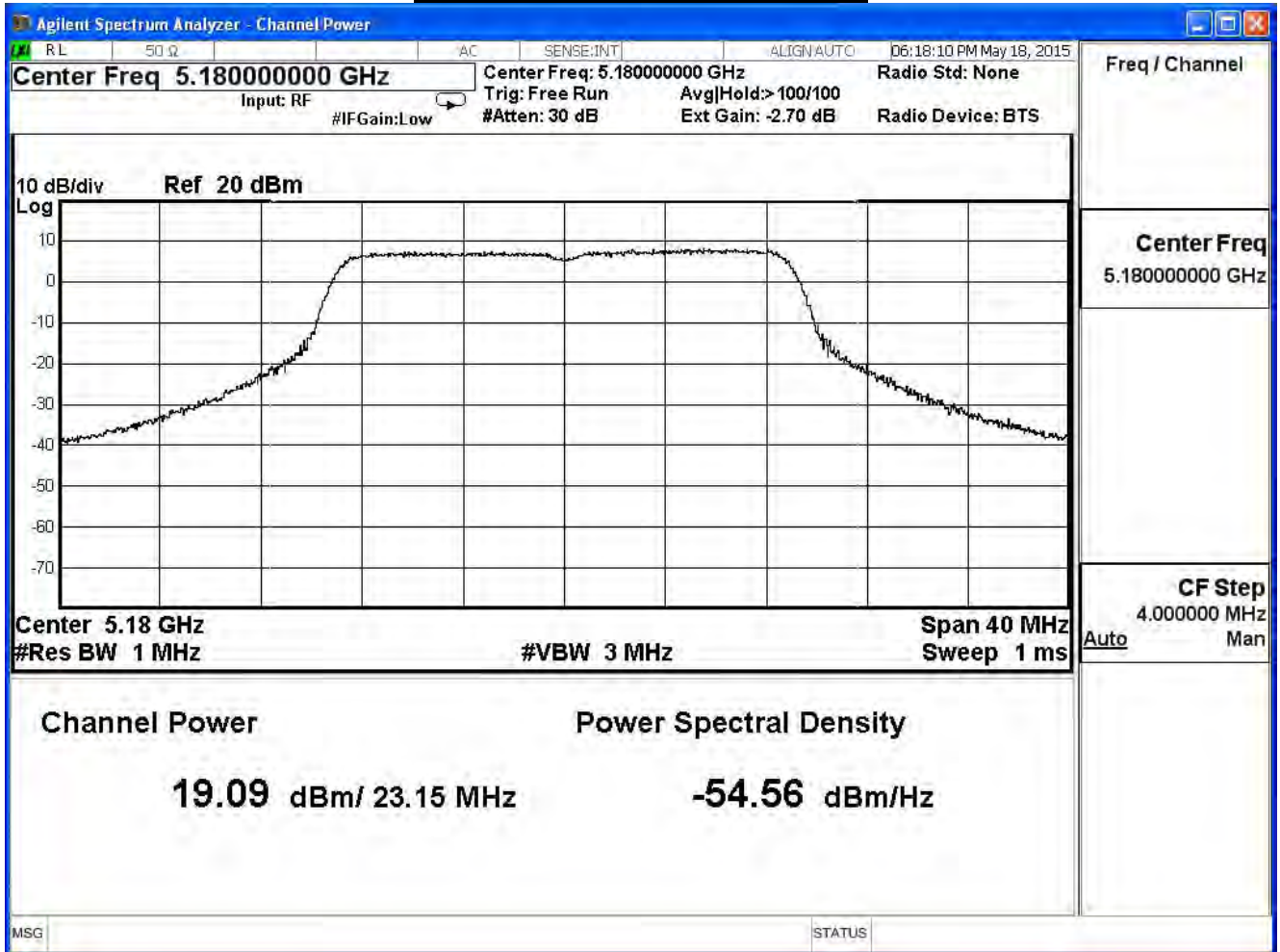
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11n(20MHz)(ANT 1)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Required Limit	Result
36	5180	23.15	19.09	≤30	Pass
44	5220	23.83	20.34	≤30	Pass
48	5240	24.00	20.39	≤30	Pass

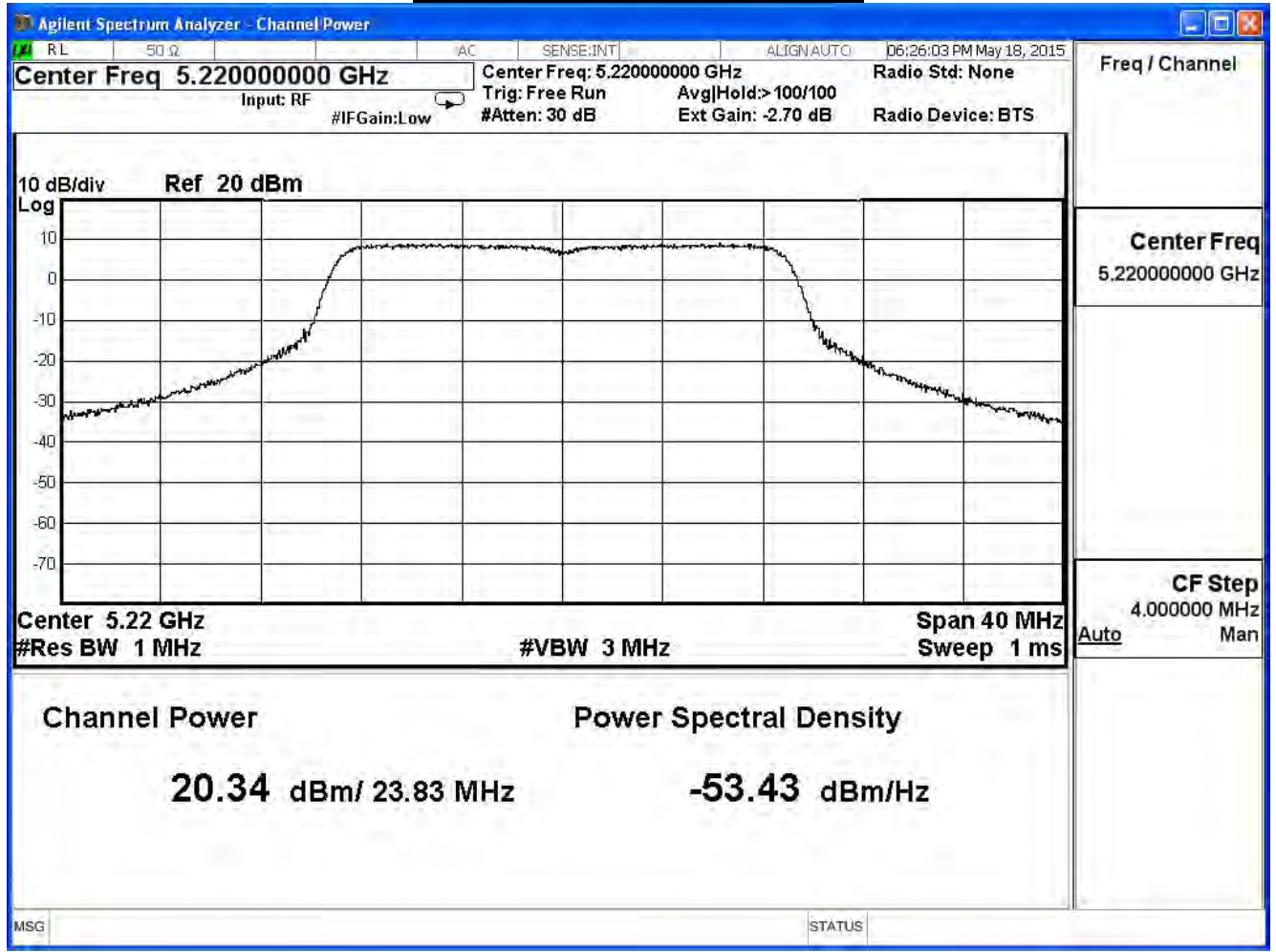
The worst emission of data rate is 6.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
36	5180	19.09	--	--	--	--	--	--	--	30dBm
44	5220	20.34	20.24	20.04	19.94	19.84	19.60	19.48	19.24	
48	5240	20.39	--	--	--	--	--	--	--	

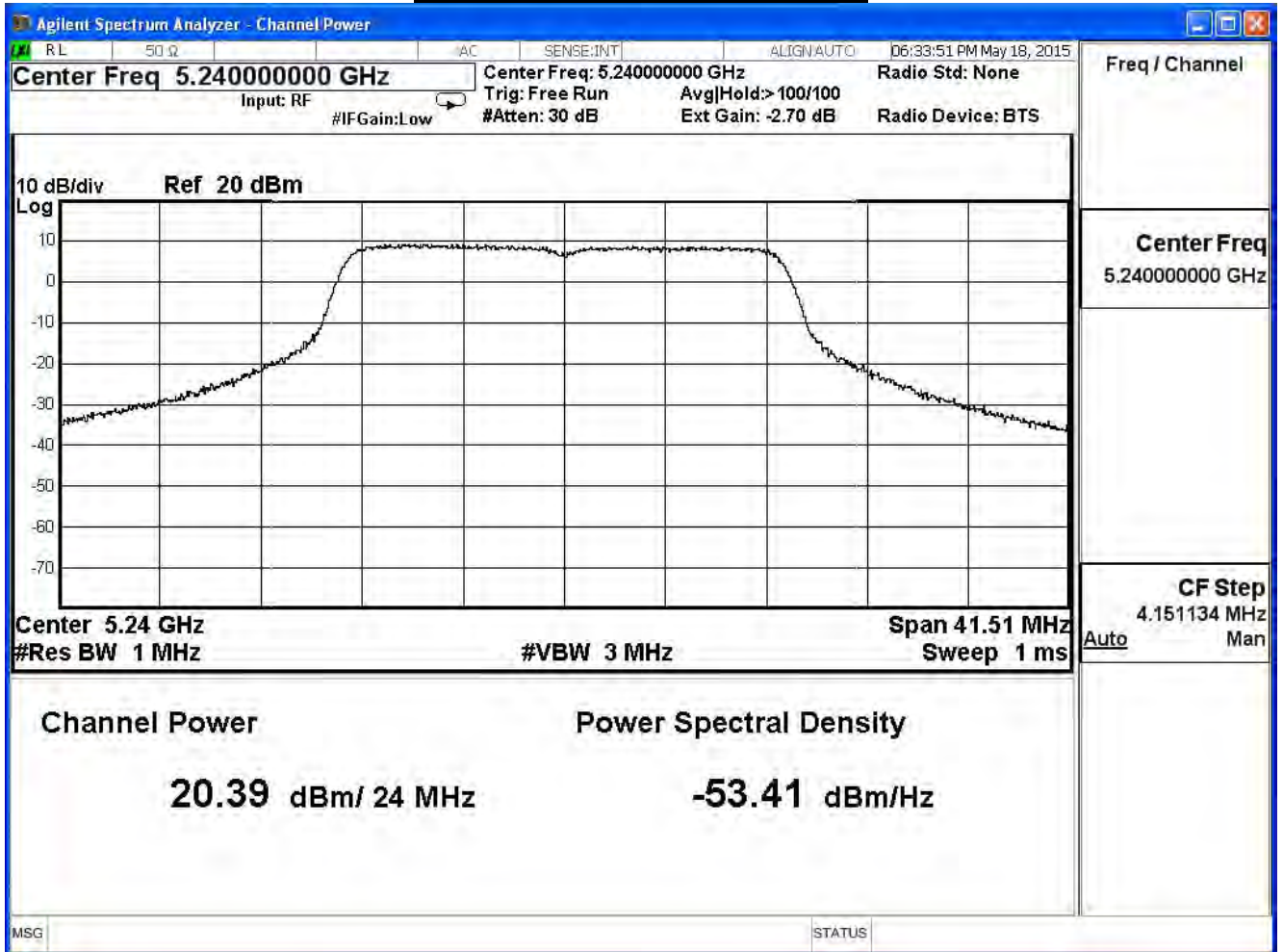
Peak transmit Power - Channel 36



Peak transmit Power - Channel 44



Peak transmit Power - Channel 48



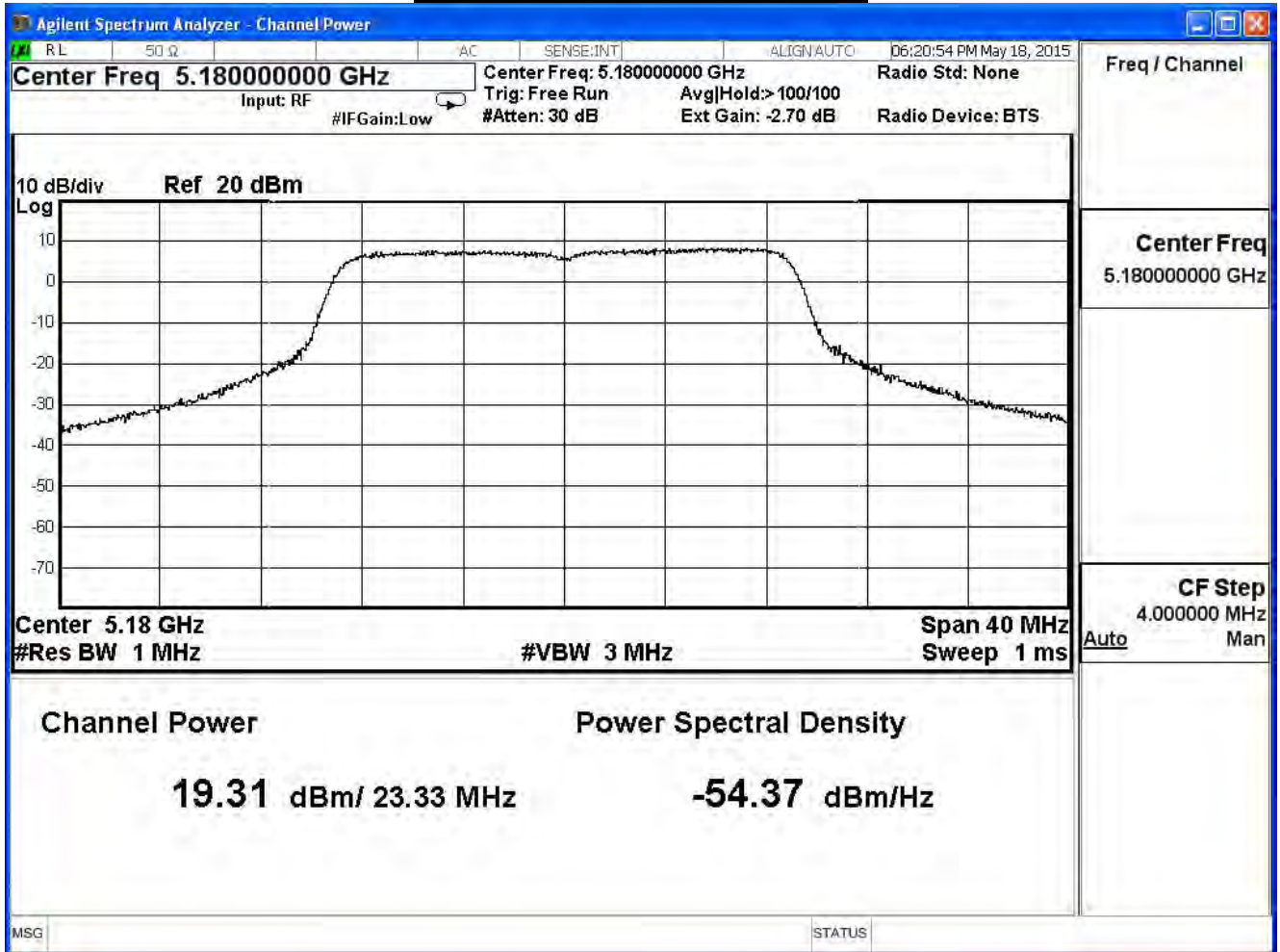
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11n(20MHz)(ANT 2)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Required Limit	Result
36	5180	23.33	19.31	≤30	Pass
44	5220	23.58	19.87	≤30	Pass
48	5240	24.09	19.83	≤30	Pass

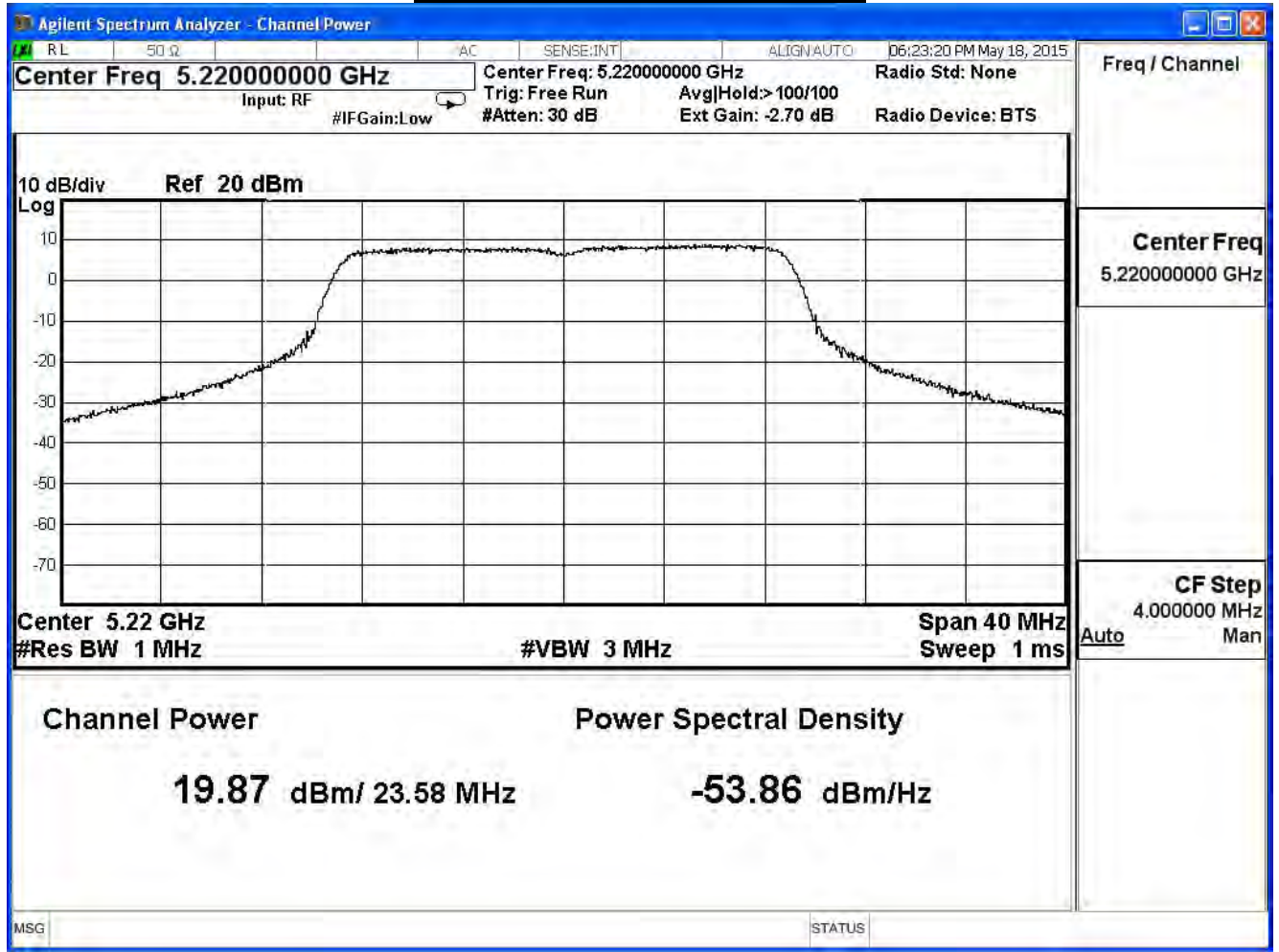
The worst emission of data rate is 6.5Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
36	5180	19.31	--	--	--	--	--	--	--	30dBm
44	5220	19.87	19.67	19.47	19.37	19.27	19.15	18.91	18.79	
48	5240	19.83	--	--	--	--	--	--	--	

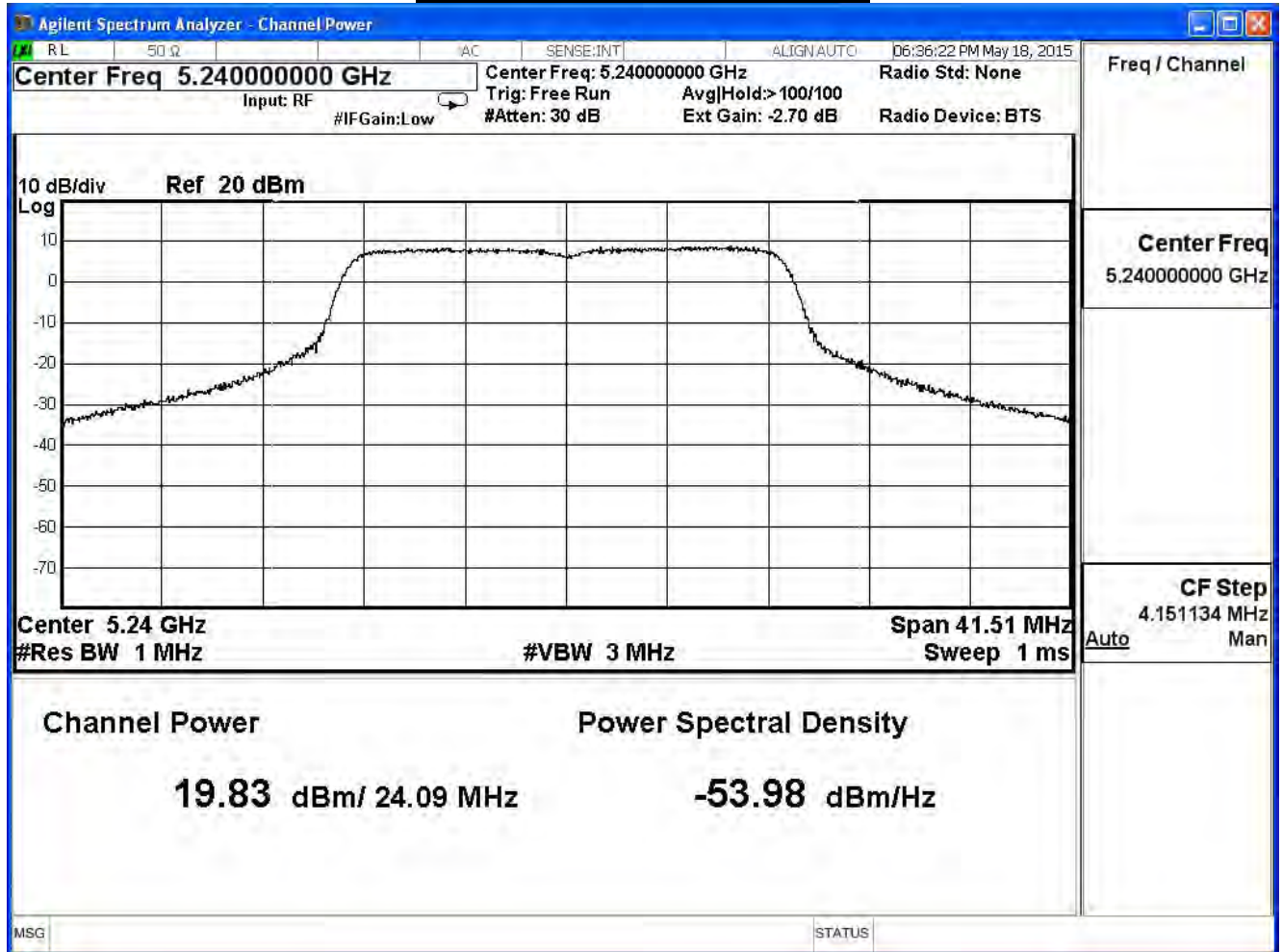
Peak transmit Power - Channel 36



Peak transmit Power - Channel 44



Peak transmit Power - Channel 48



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11n(20MHz)(ANT 0+1+2)					
Channel No.	Frequency (MHz)	Output Power (mW)	Output Power (dBm)	Required Limit	Result
36	5180	242.79	23.85	≤30	Pass
44	5220	294.11	24.69	≤30	Pass
48	5240	306.95	24.87	≤30	Pass

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
36	5180	23.85	--	--	--	--	--	--	--	30dBm
44	5220	24.69	24.55	24.38	24.25	24.15	23.99	23.79	23.63	
48	5240	24.87	--	--	--	--	--	--	--	

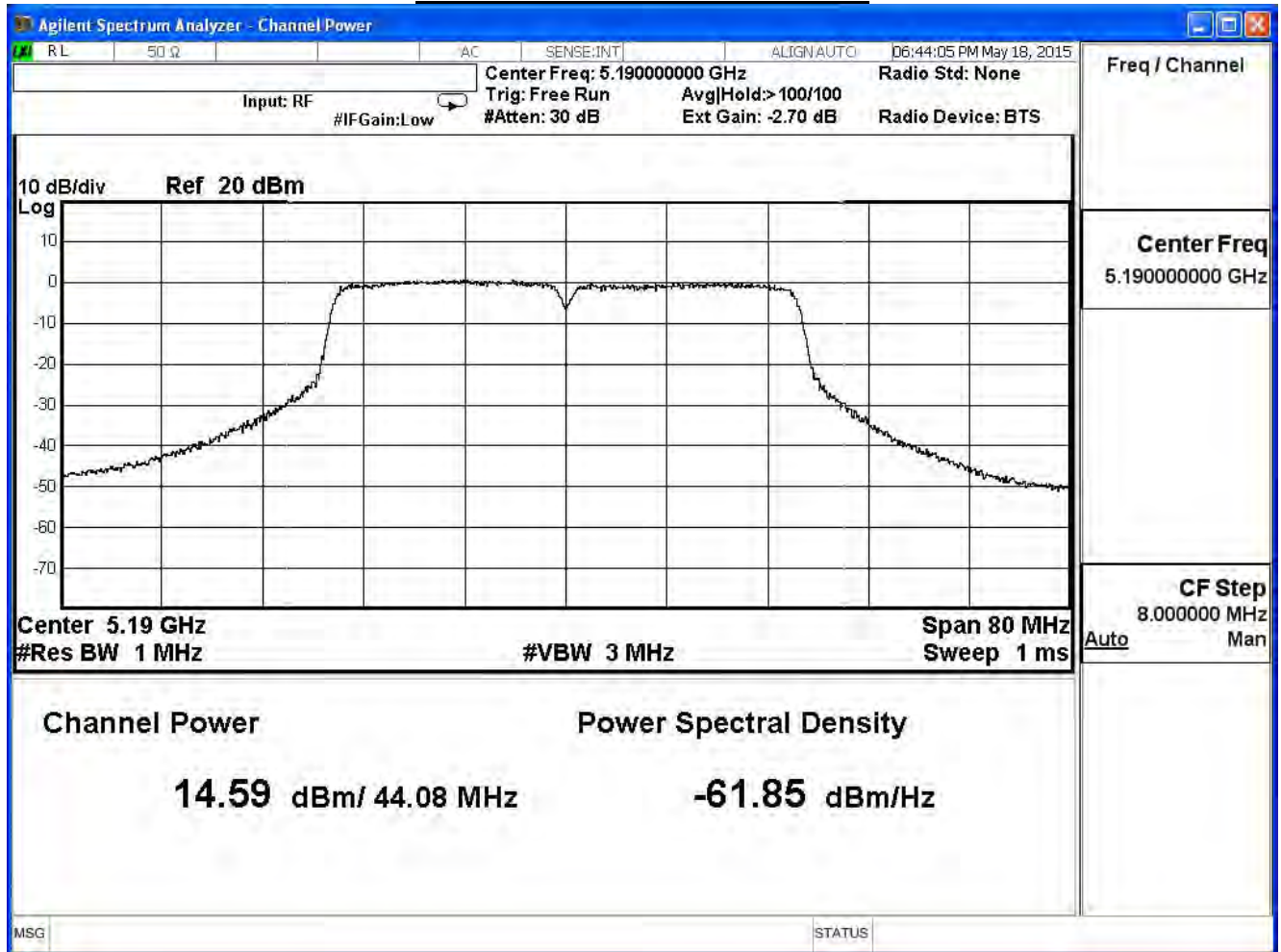
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11n(40MHz)(ANT 0)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Required Limit	Result
38	5190	44.08	14.59	≤30	Pass
46	5230	57.88	22.05	≤30	Pass

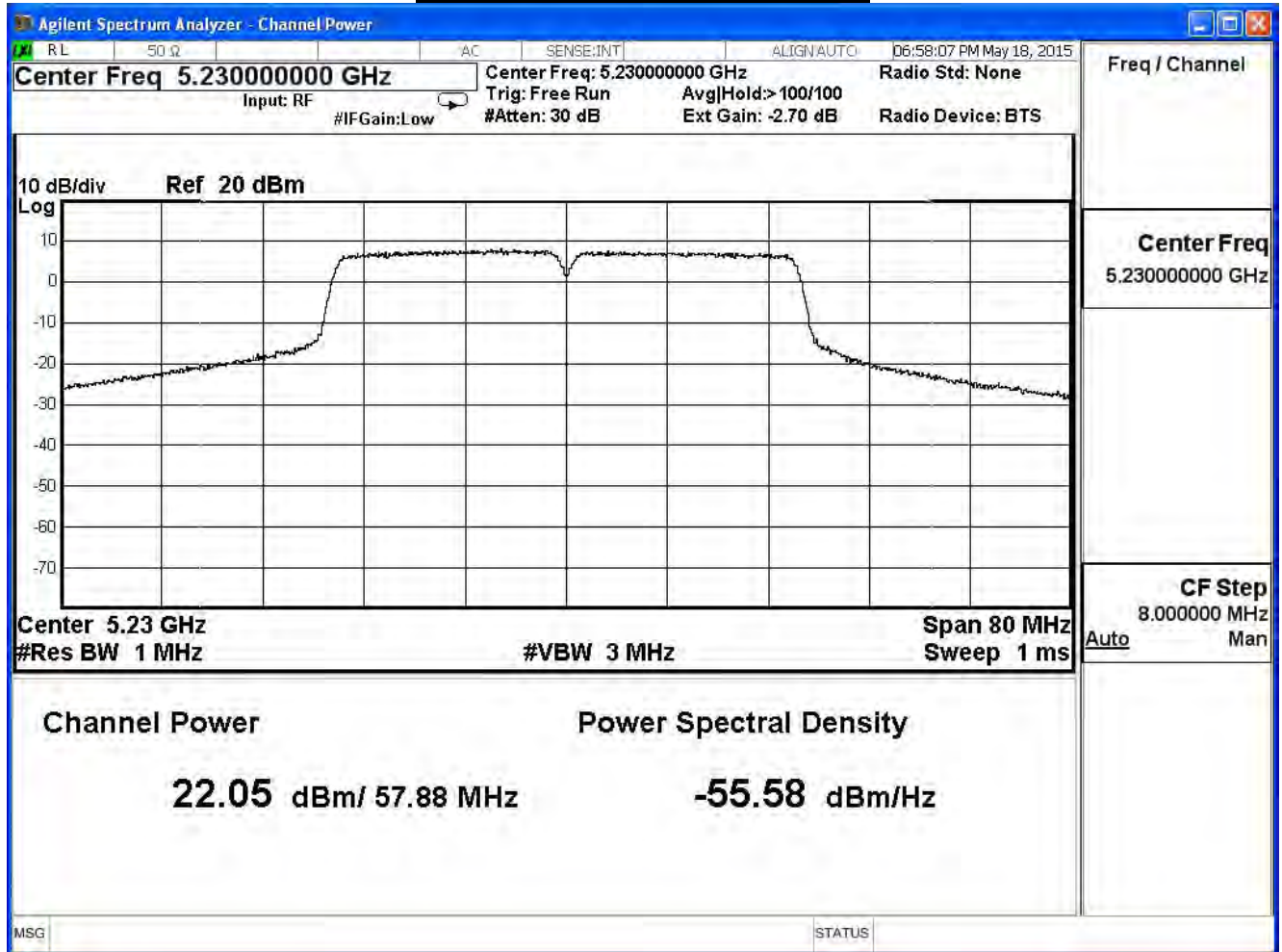
The worst emission of data rate is 13.5 Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
38	5190	14.59	--	--	--	--	--	--	--	30dBm
46	5230	22.05	21.85	21.65	21.55	21.35	21.11	20.87	20.63	

Peak transmit Power - Channel 38



Peak transmit Power - Channel 46



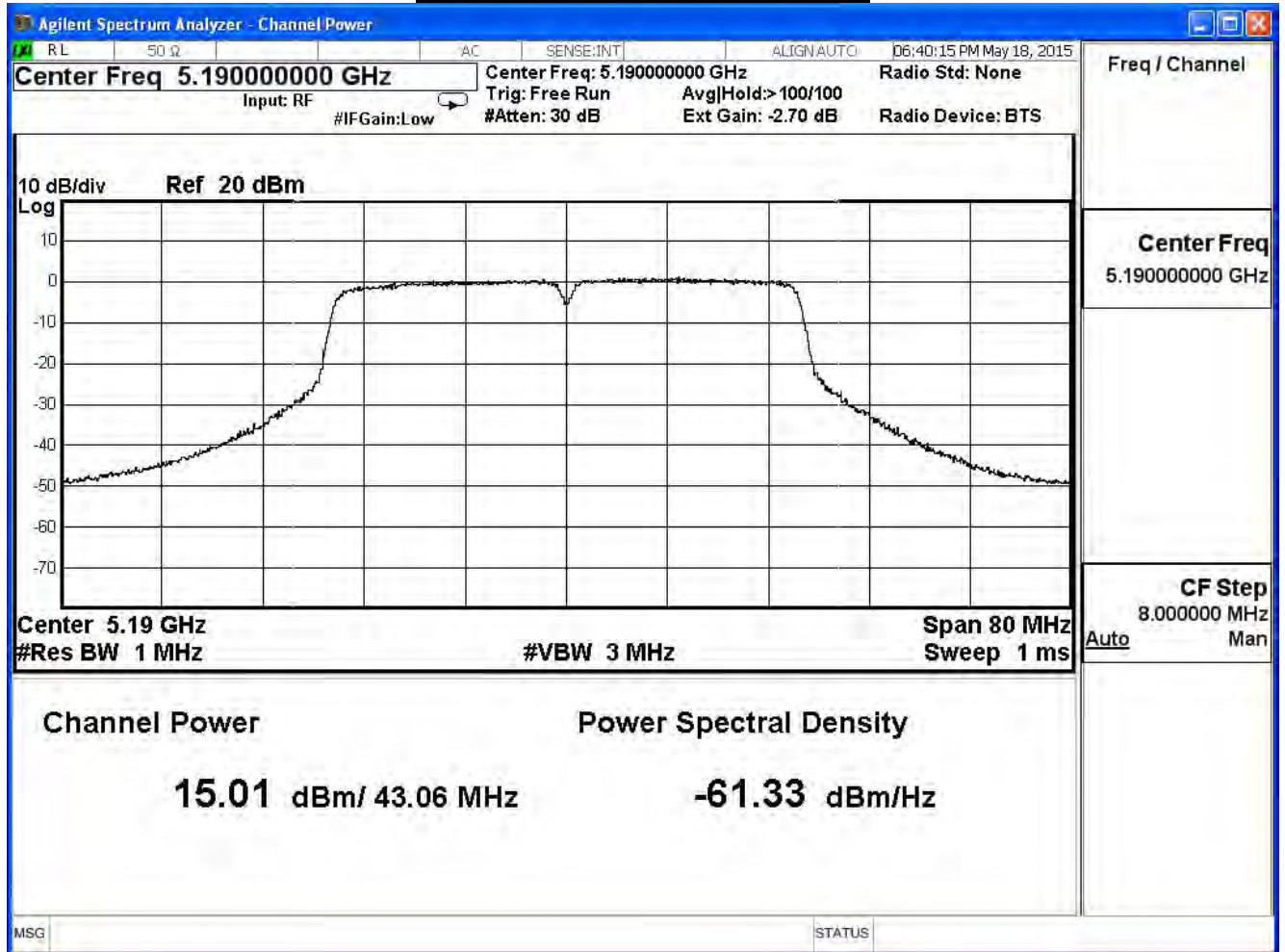
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11n(40MHz)(ANT 1)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Required Limit	Result
38	5190	43.06	15.01	≤30	Pass
46	5230	56.47	22.48	≤30	Pass

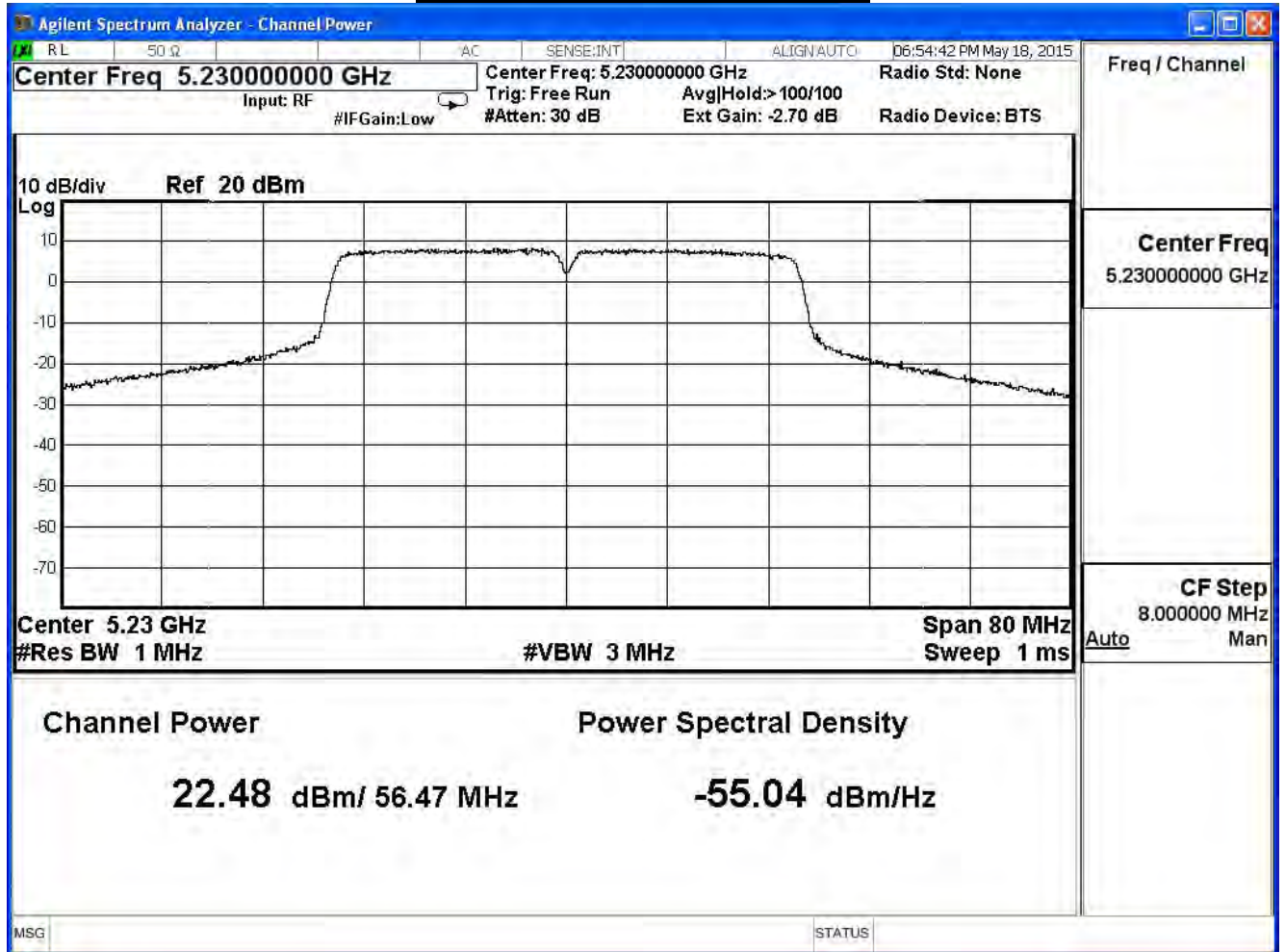
The worst emission of data rate is 13.5Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
38	5190	15.01	--	--	--	--	--	--	--	30dBm
46	5230	22.48	22.38	22.28	22.18	21.98	21.86	21.74	21.50	

Peak transmit Power - Channel 38



Peak transmit Power - Channel 46



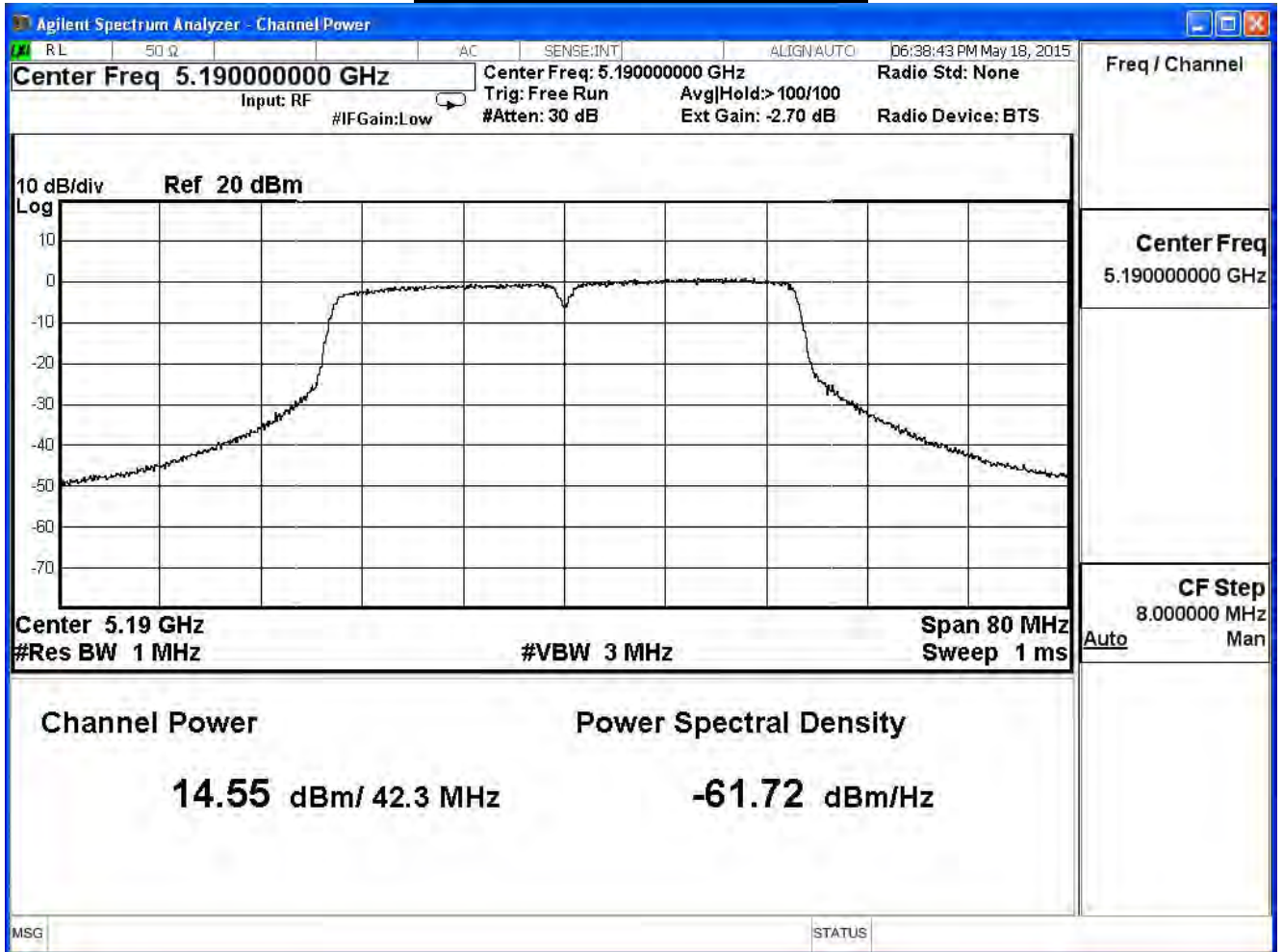
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11n(40MHz)(ANT 2)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Required Limit	Result
38	5190	42.30	14.55	≤30	Pass
46	5230	64.73	21.89	≤30	Pass

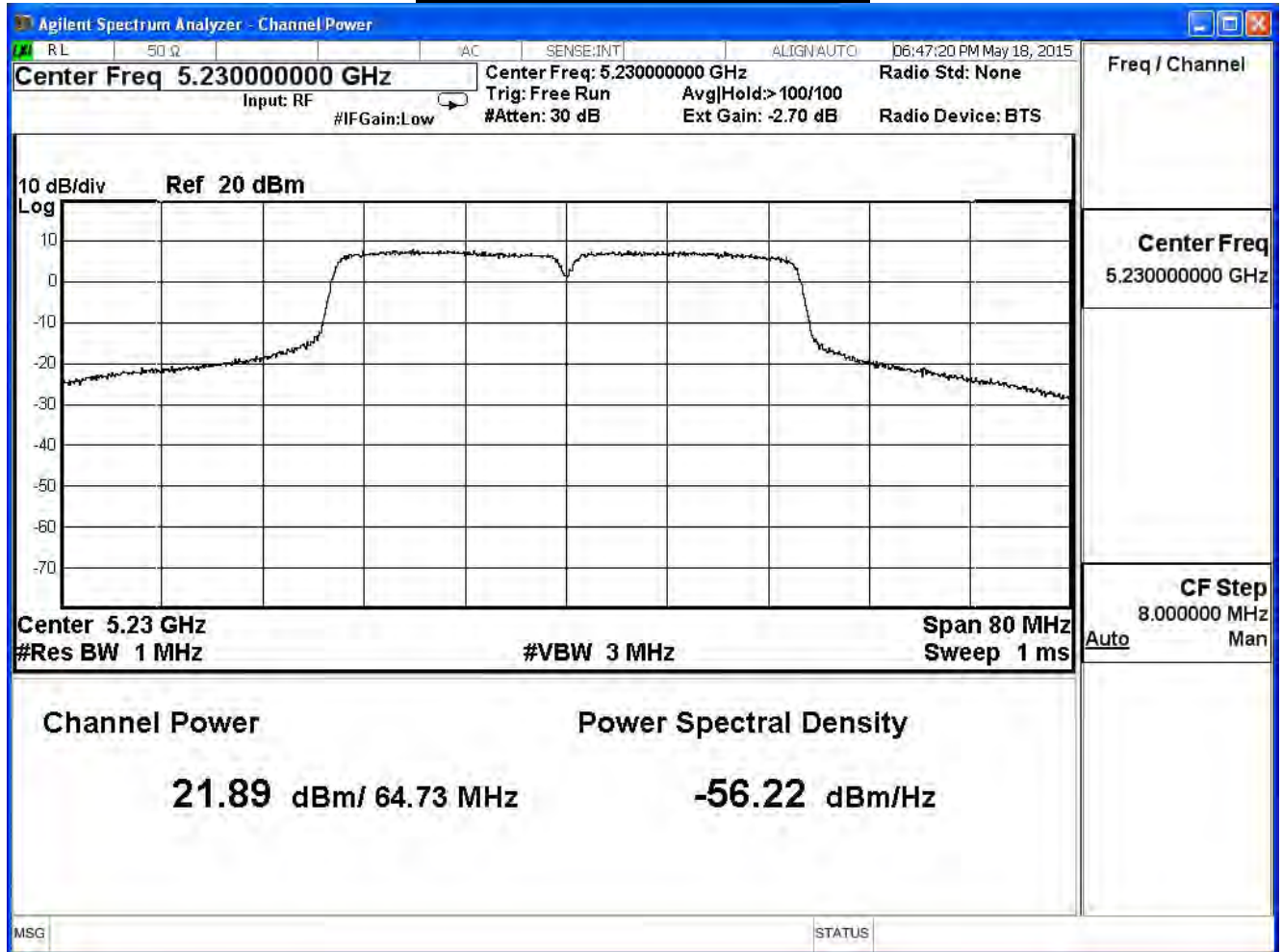
The worst emission of data rate is 13.5 Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
38	5190	14.55	--	--	--	--	--	--	--	30dBm
46	5230	21.89	21.79	21.69	21.49	21.29	21.17	21.05	20.93	

Peak transmit Power - Channel 38



Peak transmit Power - Channel 46



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11n(40MHz)(ANT 0+1+2)					
Channel No.	Frequency (MHz)	Output Power (mW)	Output Power (dBm)	Required Limit	Result
38	5190	88.98	19.49	≤30	Pass
46	5230	491.86	26.92	≤30	Pass

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
38	5190	19.49	--	--	--	--	--	--	--	30dBm
46	5230	26.92	26.79	26.65	26.52	26.32	26.16	26.01	25.81	

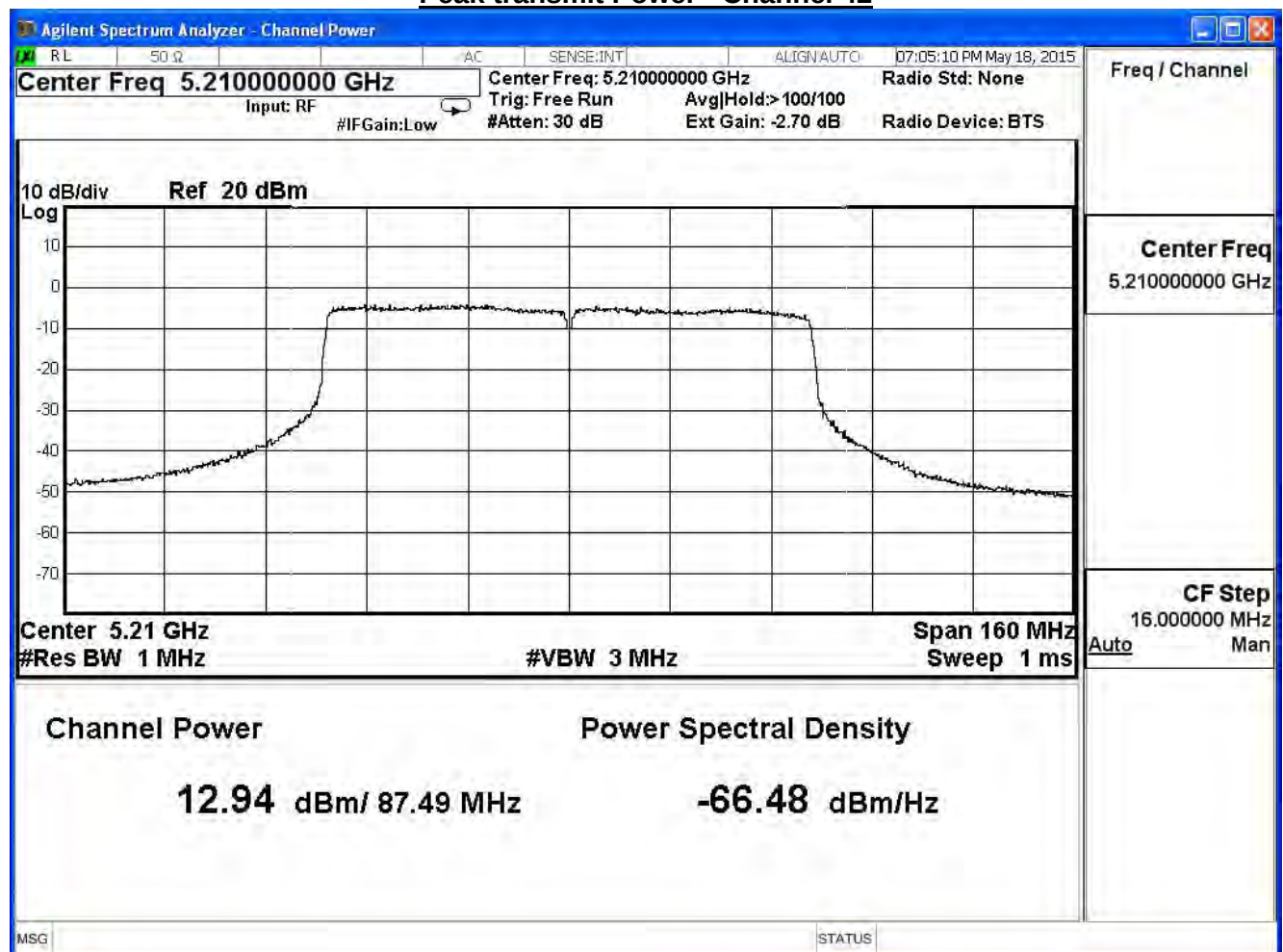
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11ac (80MHz) (ANT 0)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Required Limit	Result
42	5210	87.49	12.94	≤30	Pass

The worst emission of data rate is 29.3 Mbps

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390
42	5210	12.94	12.84	12.64	12.44	12.24	12.04	11.92	11.80	11.68	11.44

Peak transmit Power - Channel 42



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

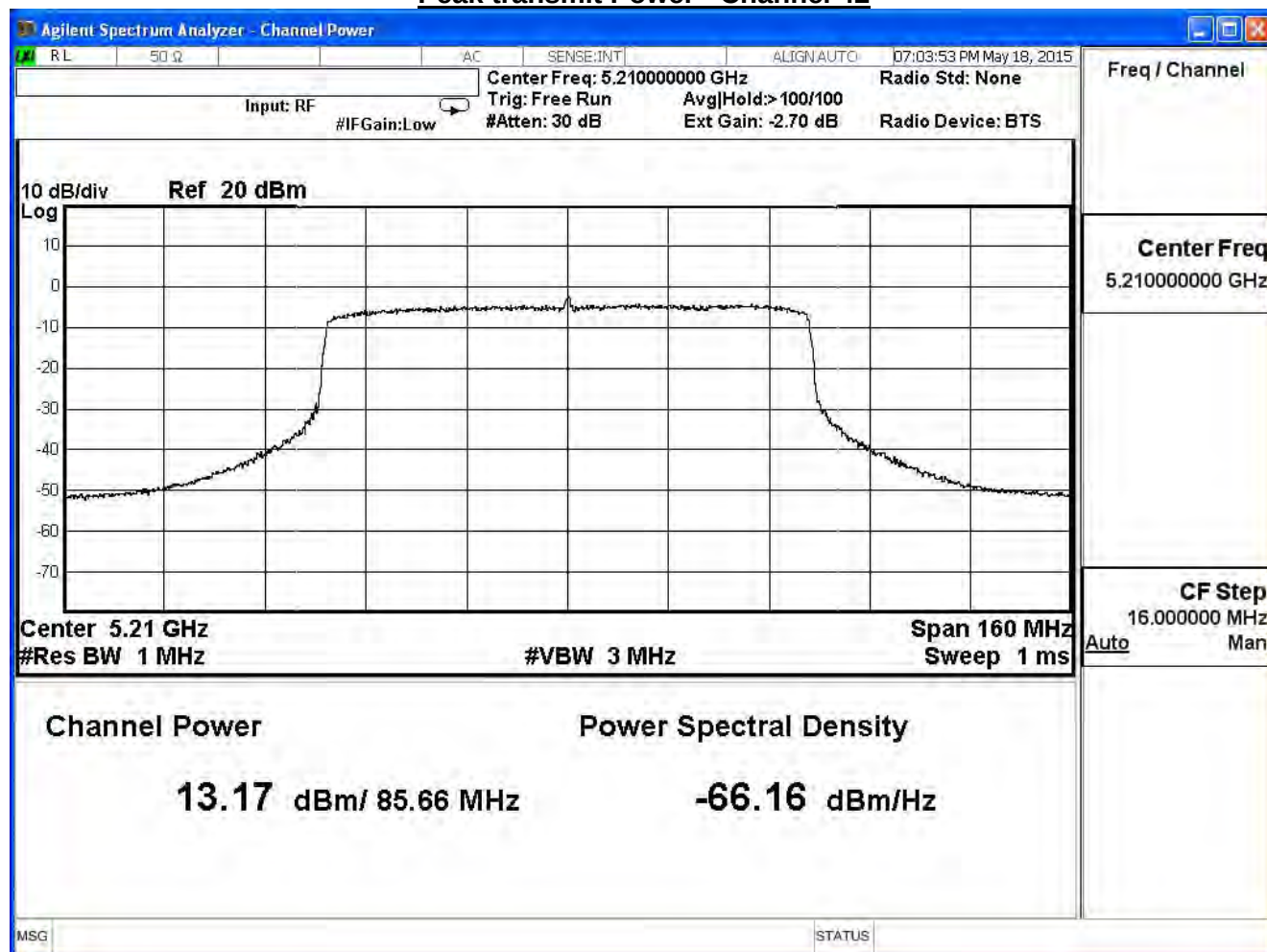
IEEE 802.11ac (80MHz) (ANT 1)

Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Required Limit	Result
42	5210	85.66	13.17	≤30	Pass

The worst emission of data rate is 29.3 Mbps

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390
42	5210	13.17	12.97	12.77	12.67	12.47	12.27	12.03	11.91	11.67	11.55

Peak transmit Power - Channel 42



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

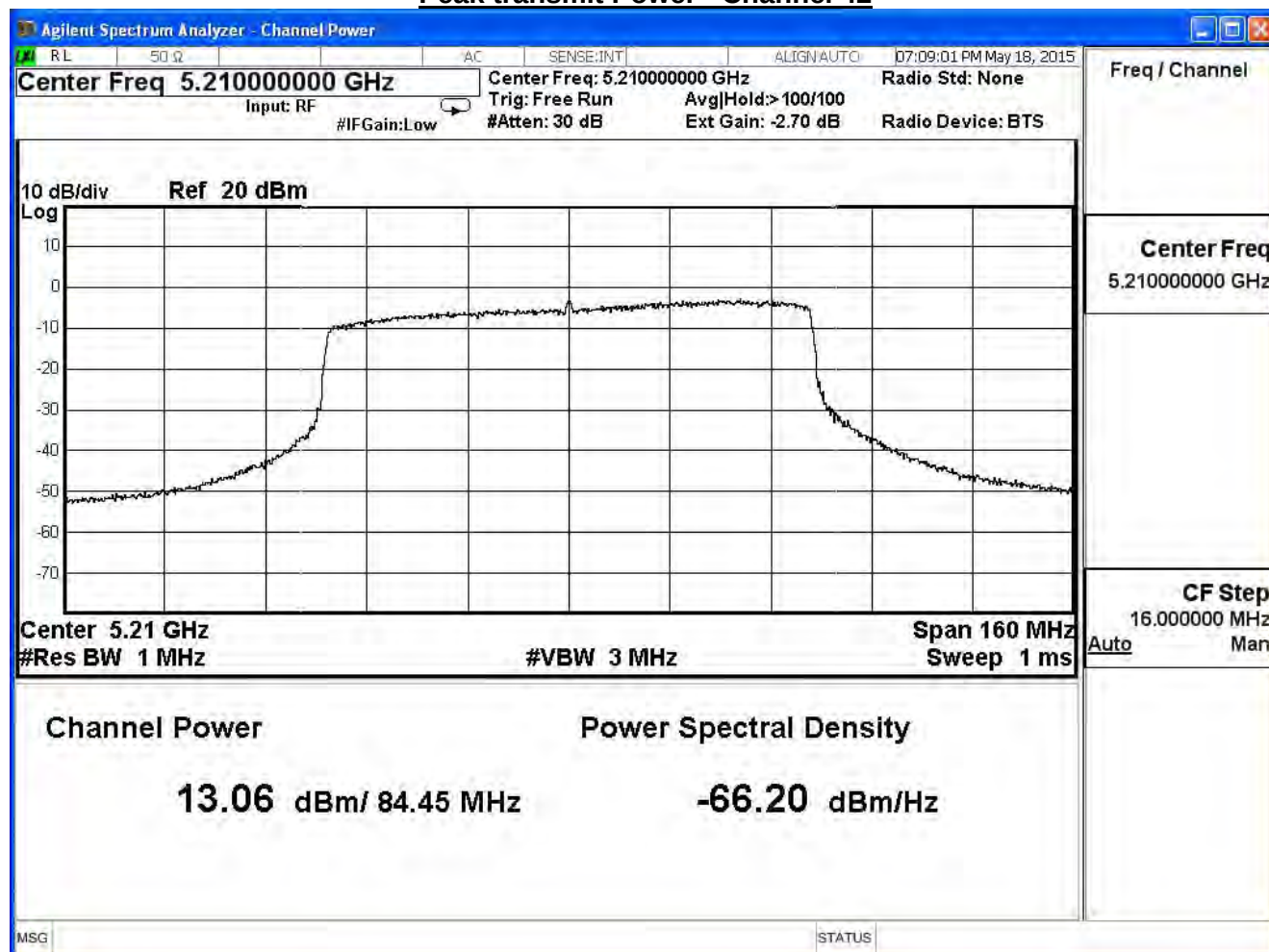
IEEE 802.11ac (80MHz) (ANT 2)

Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Required Limit	Result
42	5210	84.45	13.06	≤30	Pass

The worst emission of data rate is 29.3 Mbps

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390
42	5210	13.06	12.96	12.86	12.76	12.56	12.36	12.24	12.12	12.00	11.88

Peak transmit Power - Channel 42



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Transmit Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11ac (80MHz) (ANT 0+1+2)					
Channel No.	Frequency (MHz)	Output Power (mW)	Output Power (dBm)	Required Limit	Result
42	5210	60.66	17.83	≤30	Pass

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390
42	5210	17.83	17.69	17.53	17.40	17.20	17.00	16.84	16.72	16.56	16.40

5. Peak Power Spectrum Density

5.1. Test Equipment

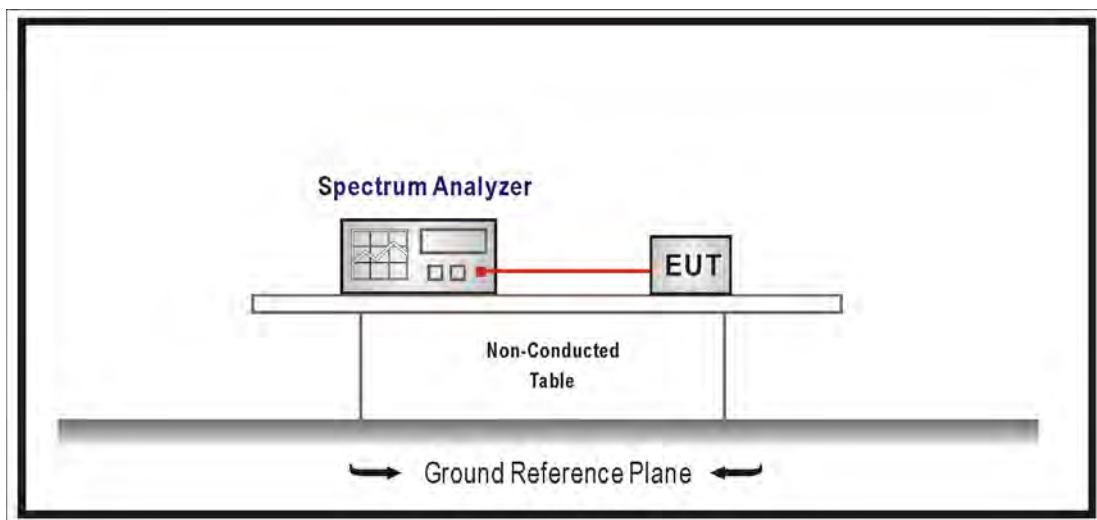
The following test equipments are used during the radiated emission tests:

Peak Power Spectrum Density / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2015/07/14

Note: 1. All equipments 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 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.
3. 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 C63.10:2009; tested to U-NII test procedure of KDB 789033 for compliance to FCC 47CFR Subpart E requirements.

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

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

5.5. Uncertainty

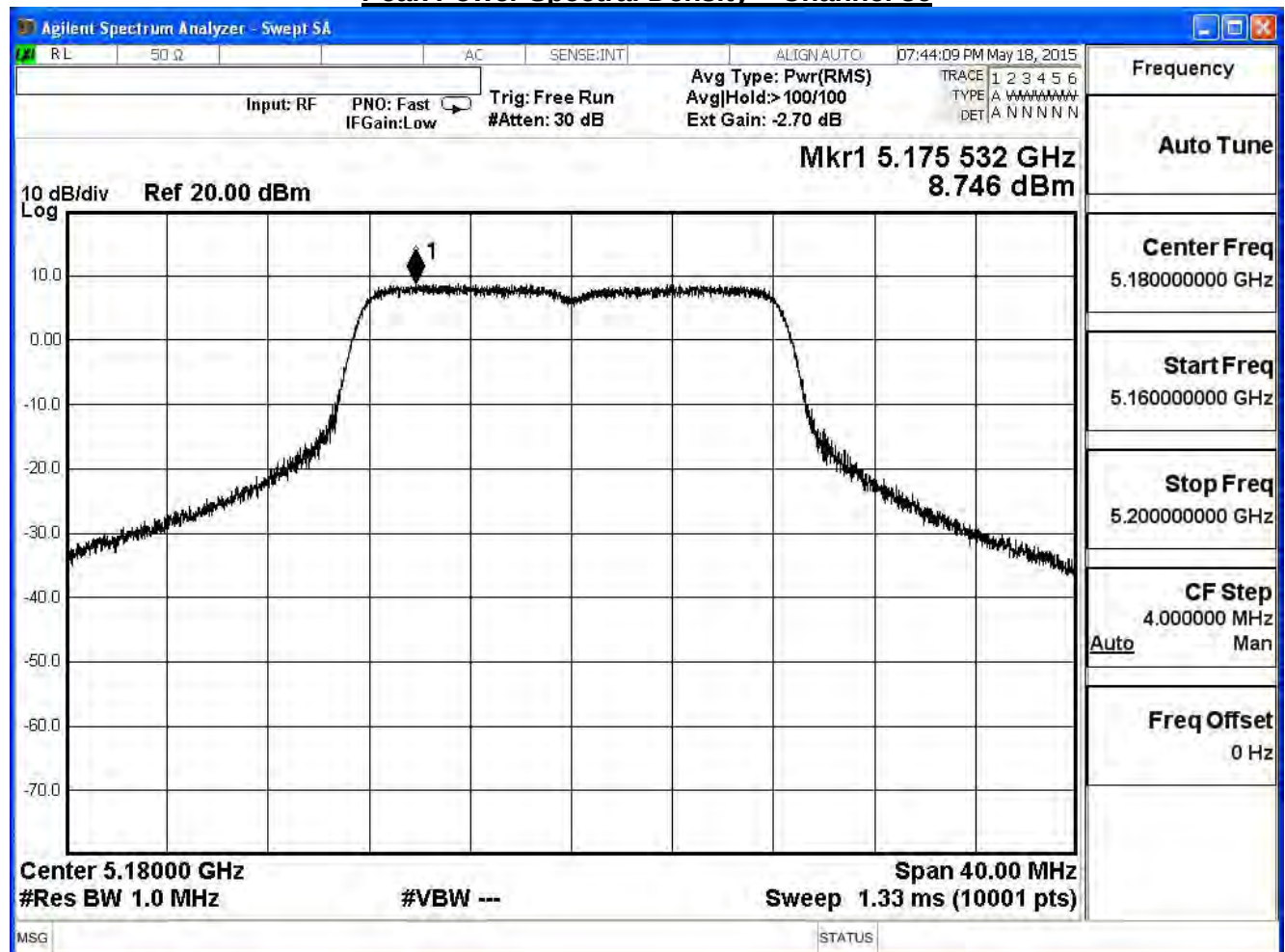
The measurement uncertainty is defined as ± 1.27 dB

5.6. Test Result

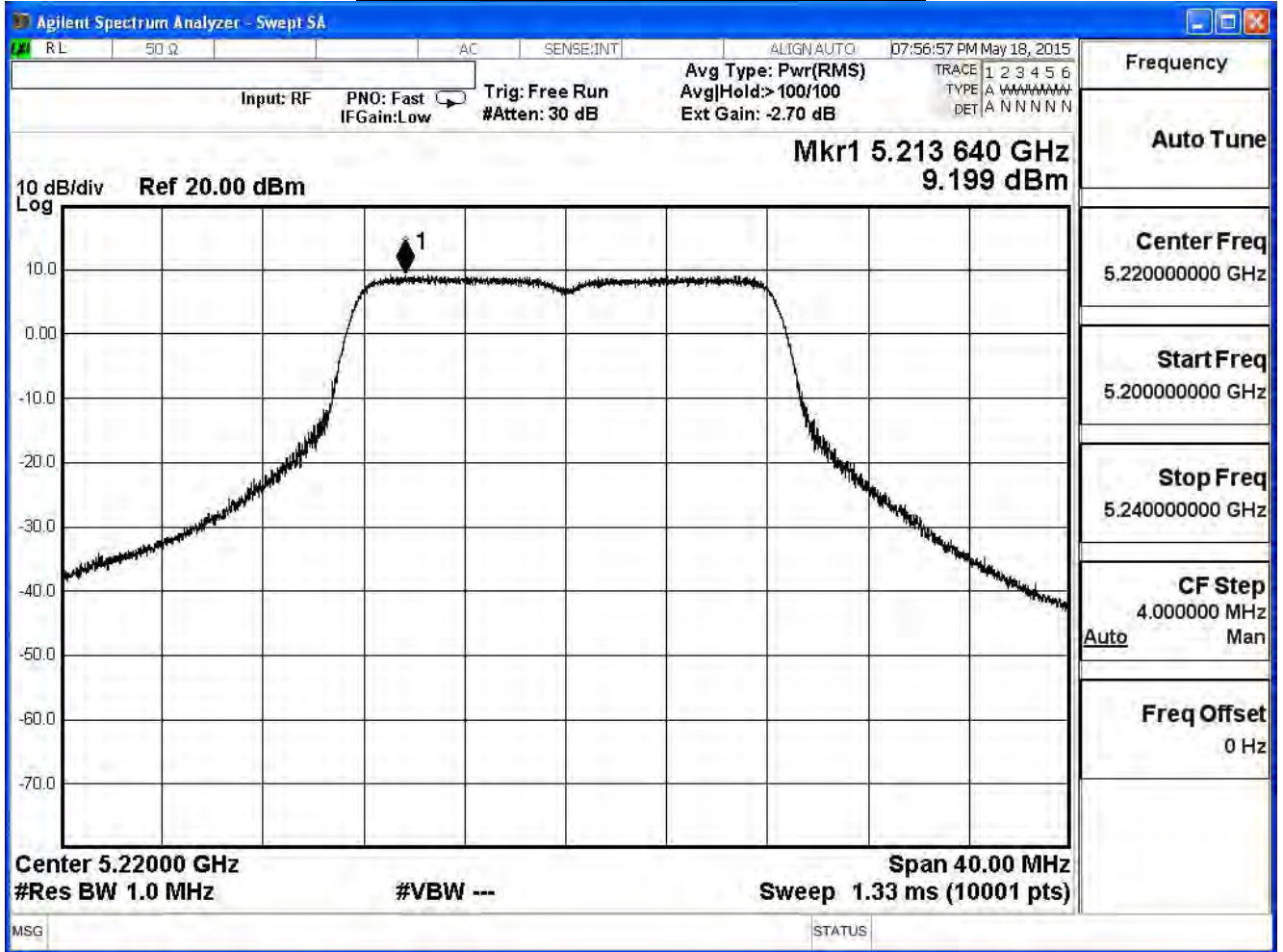
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11a (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	8.746	≤ 13.89	Pass
44	5220	9.199	≤ 13.89	Pass
48	5240	9.121	≤ 13.89	Pass

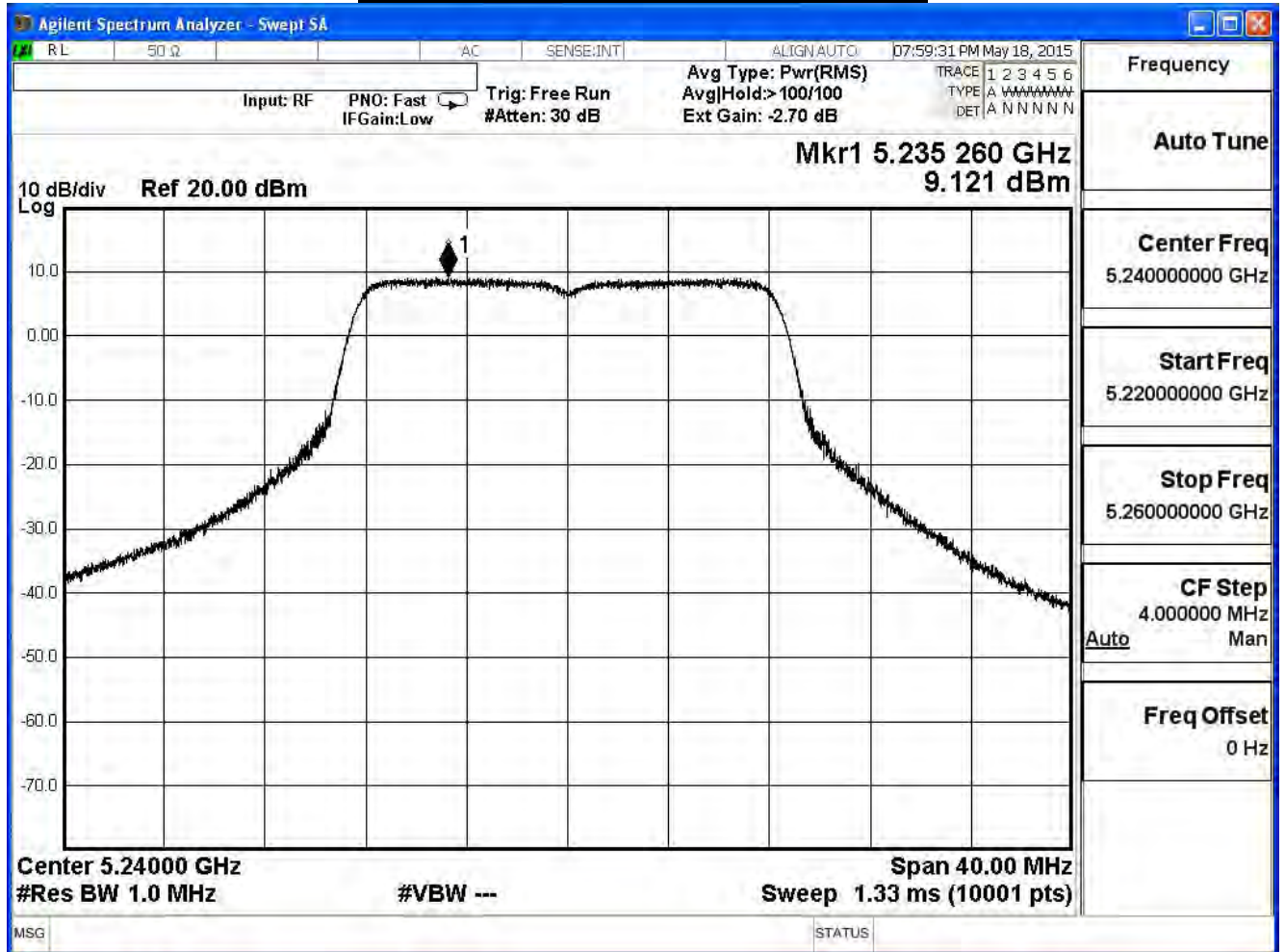
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



Peak Power Spectral Density – Channel 48

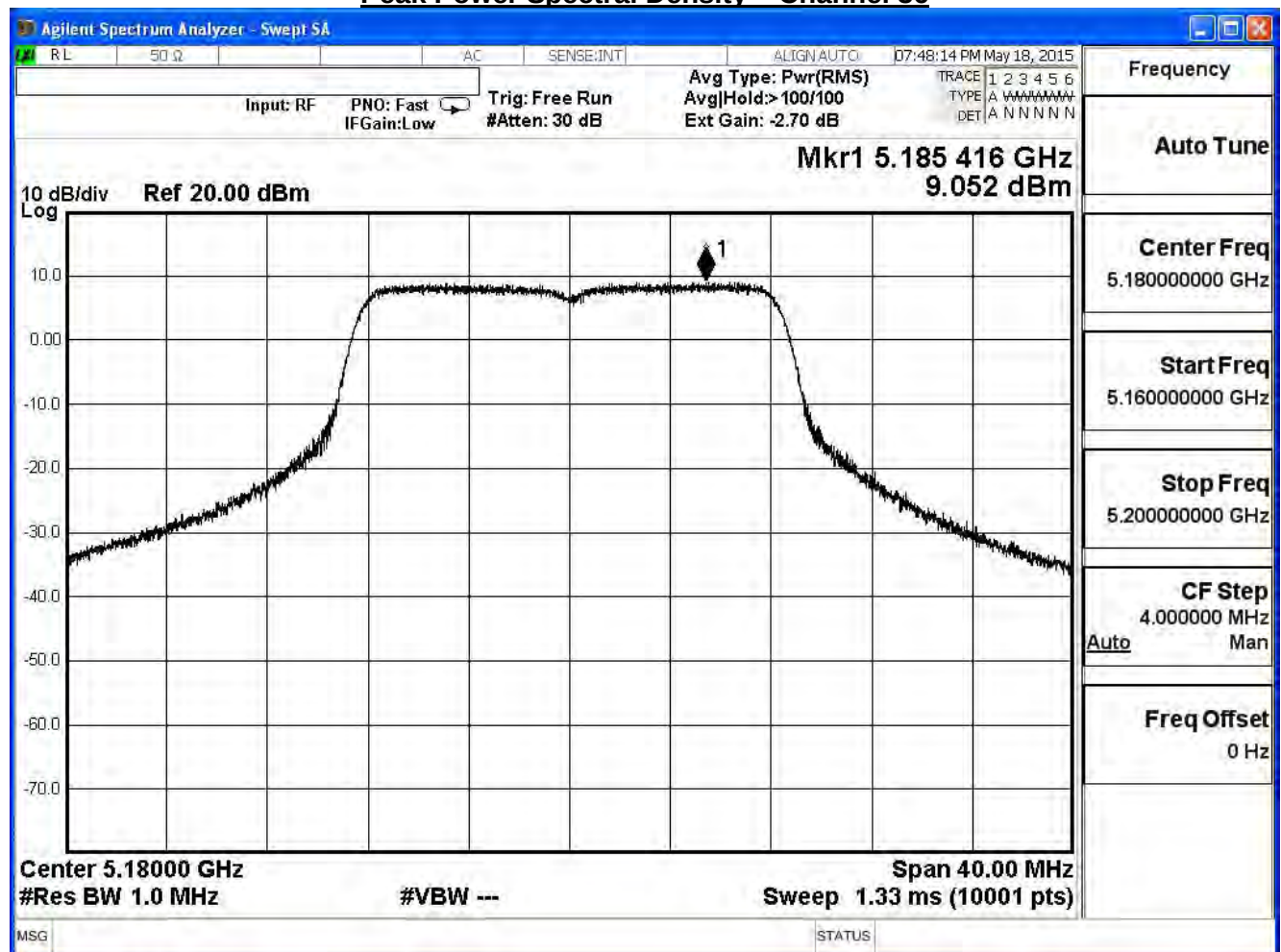


Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

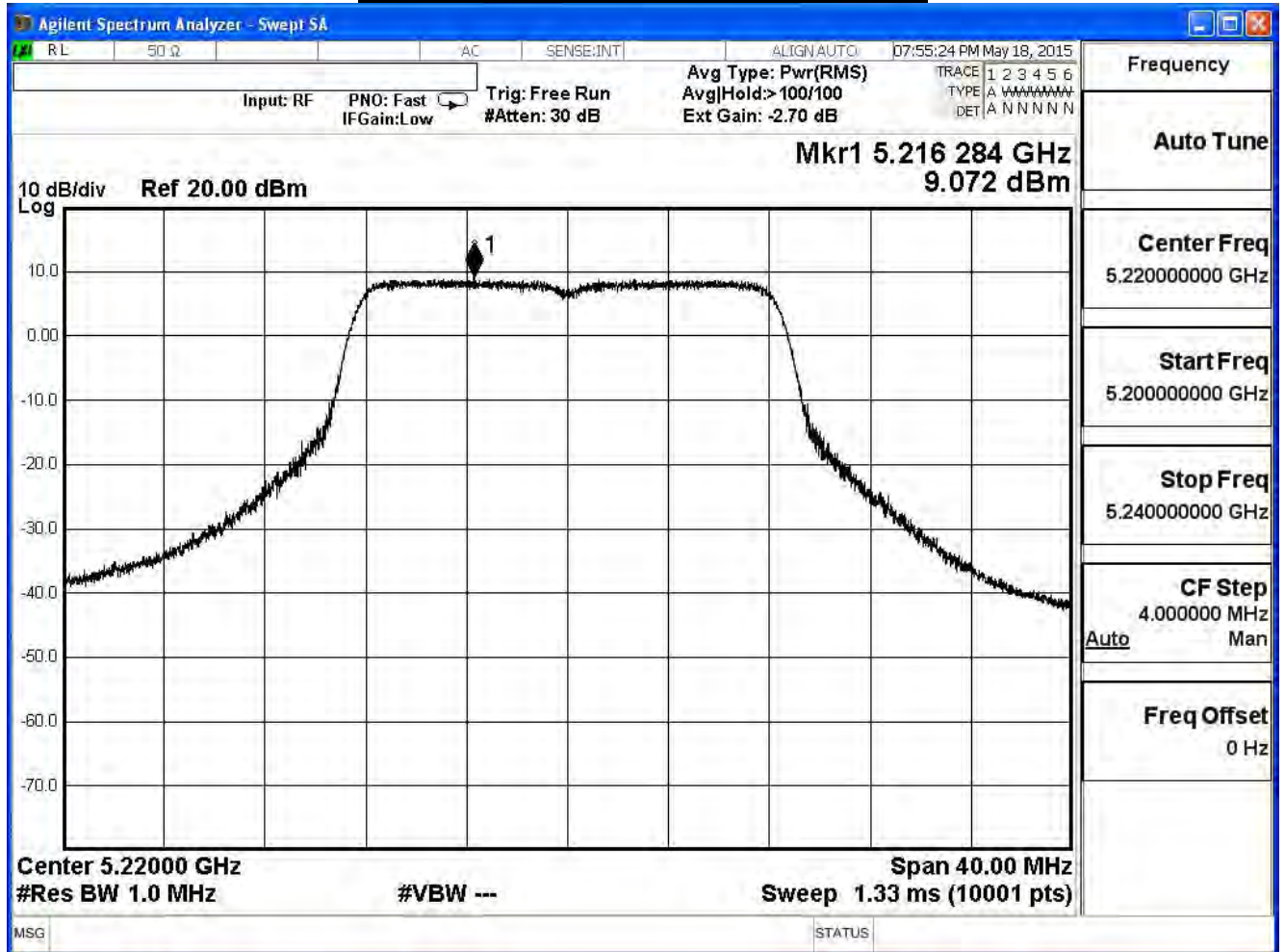
IEEE 802.11a (ANT 1)

Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
36	5180	9.052	≤ 13.89	Pass
44	5220	9.072	≤ 13.89	Pass
48	5240	8.855	≤ 13.89	Pass

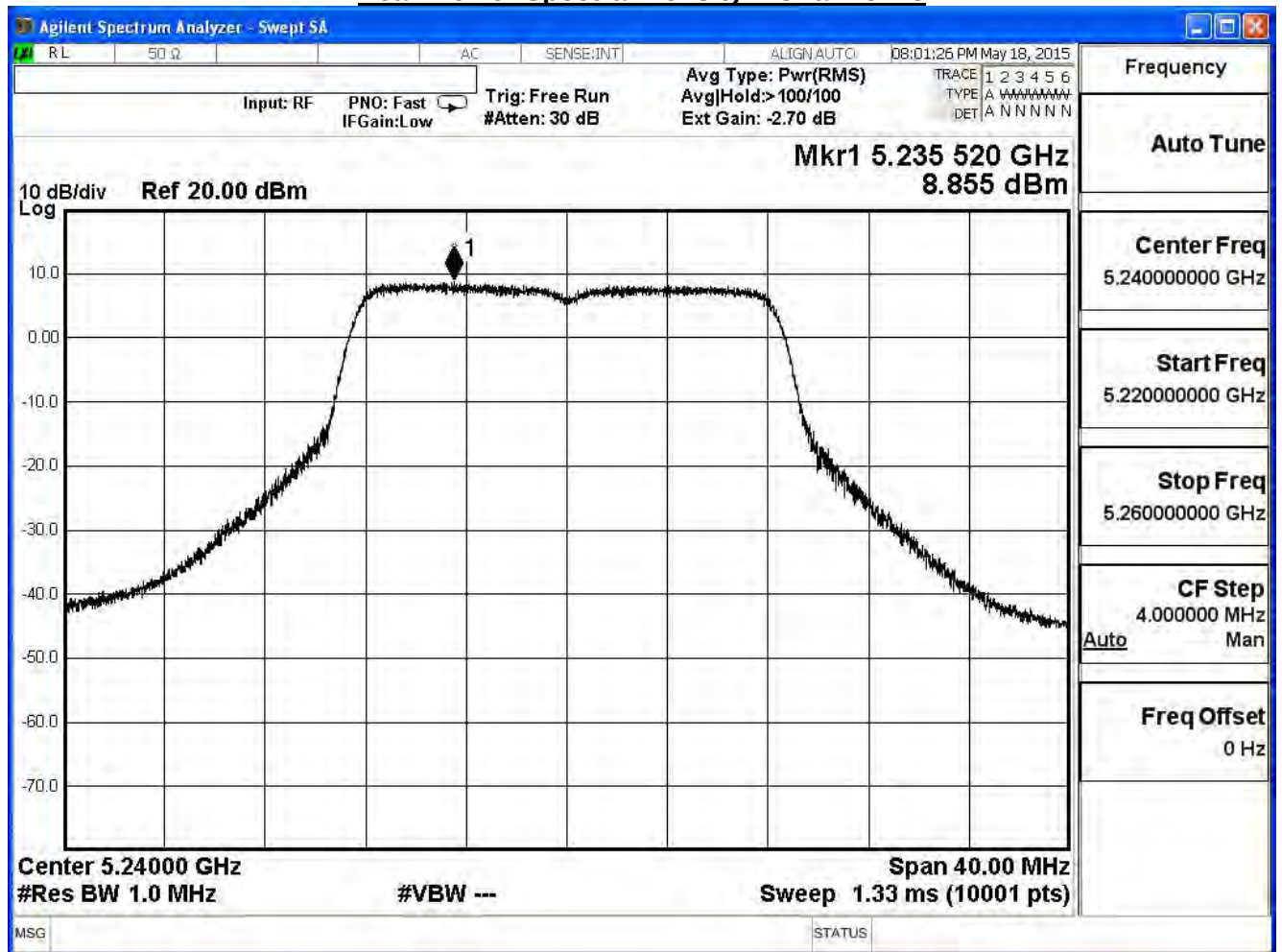
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



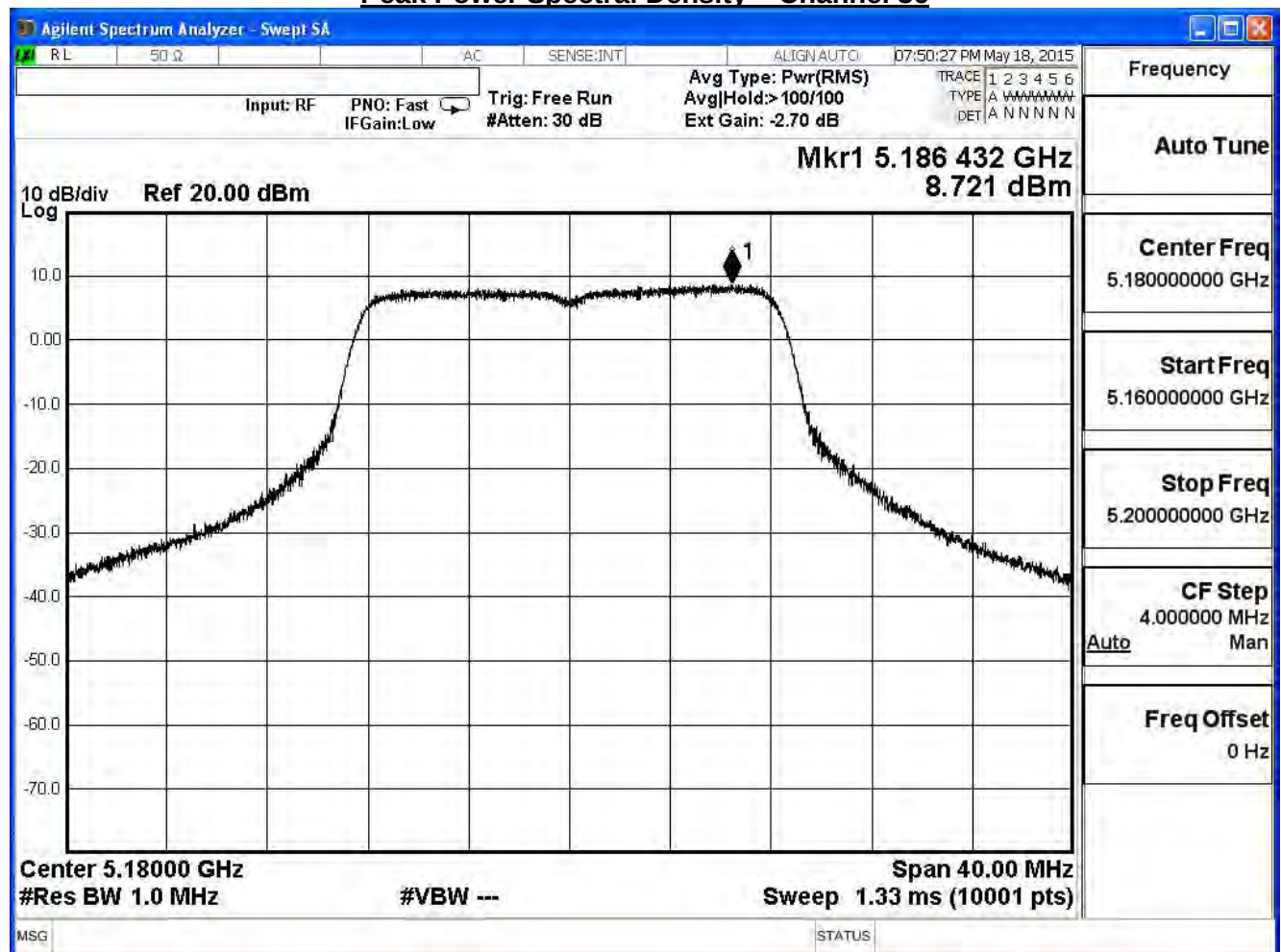
Peak Power Spectral Density – Channel 48



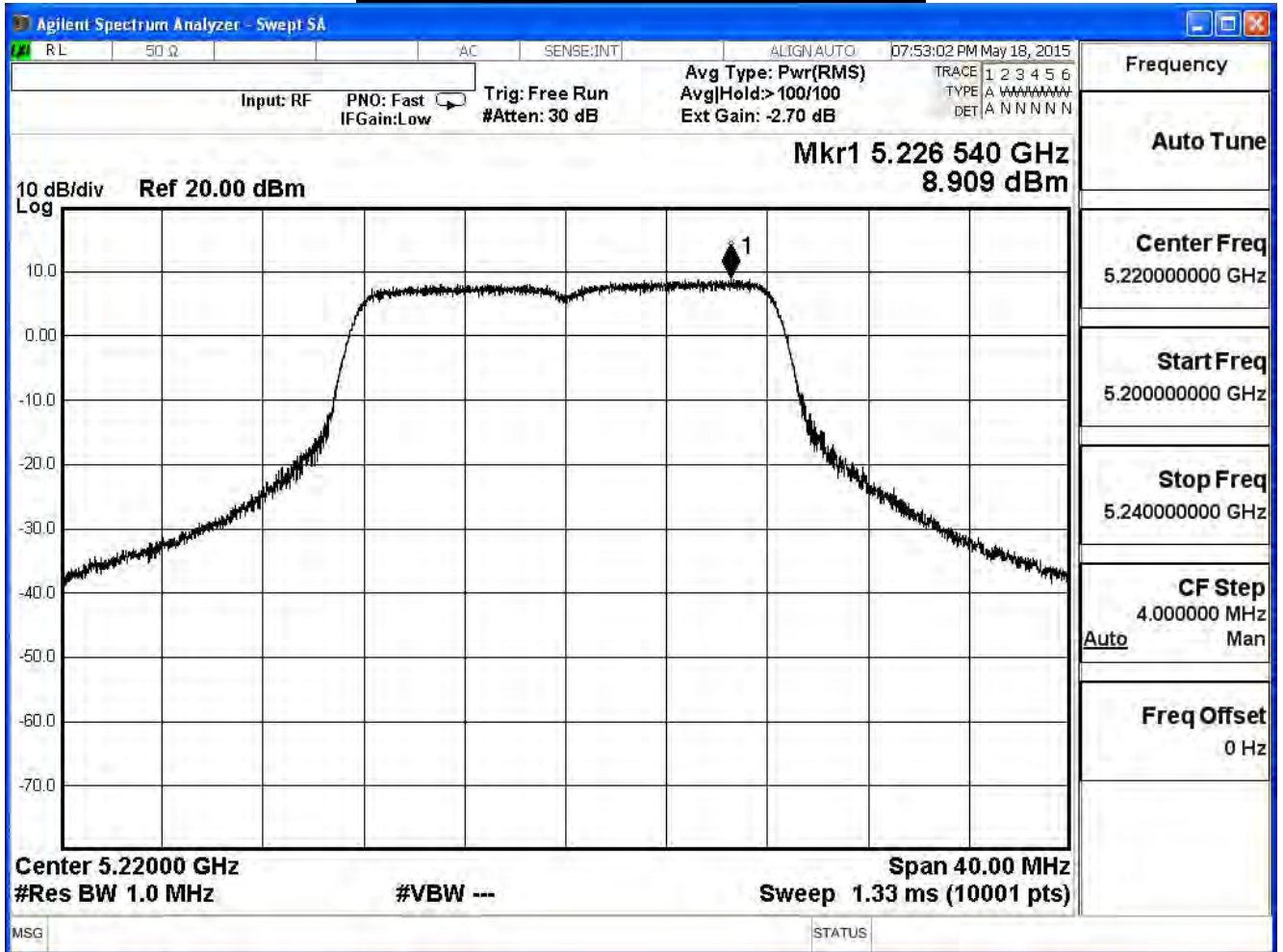
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11a (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	8.721	≤ 13.89	Pass
44	5220	8.909	≤ 13.89	Pass
48	5240	8.777	≤ 13.89	Pass

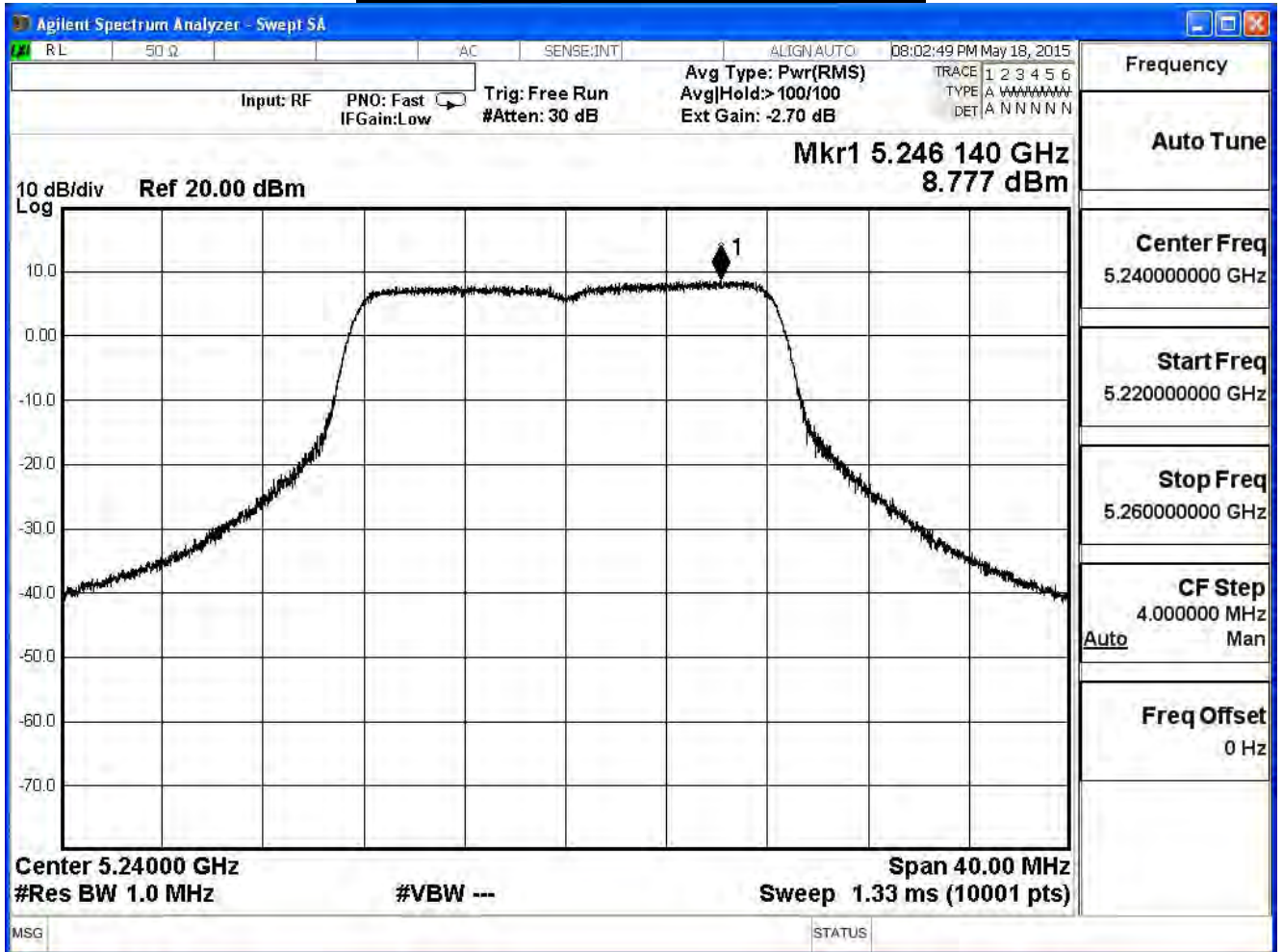
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



Peak Power Spectral Density – Channel 48



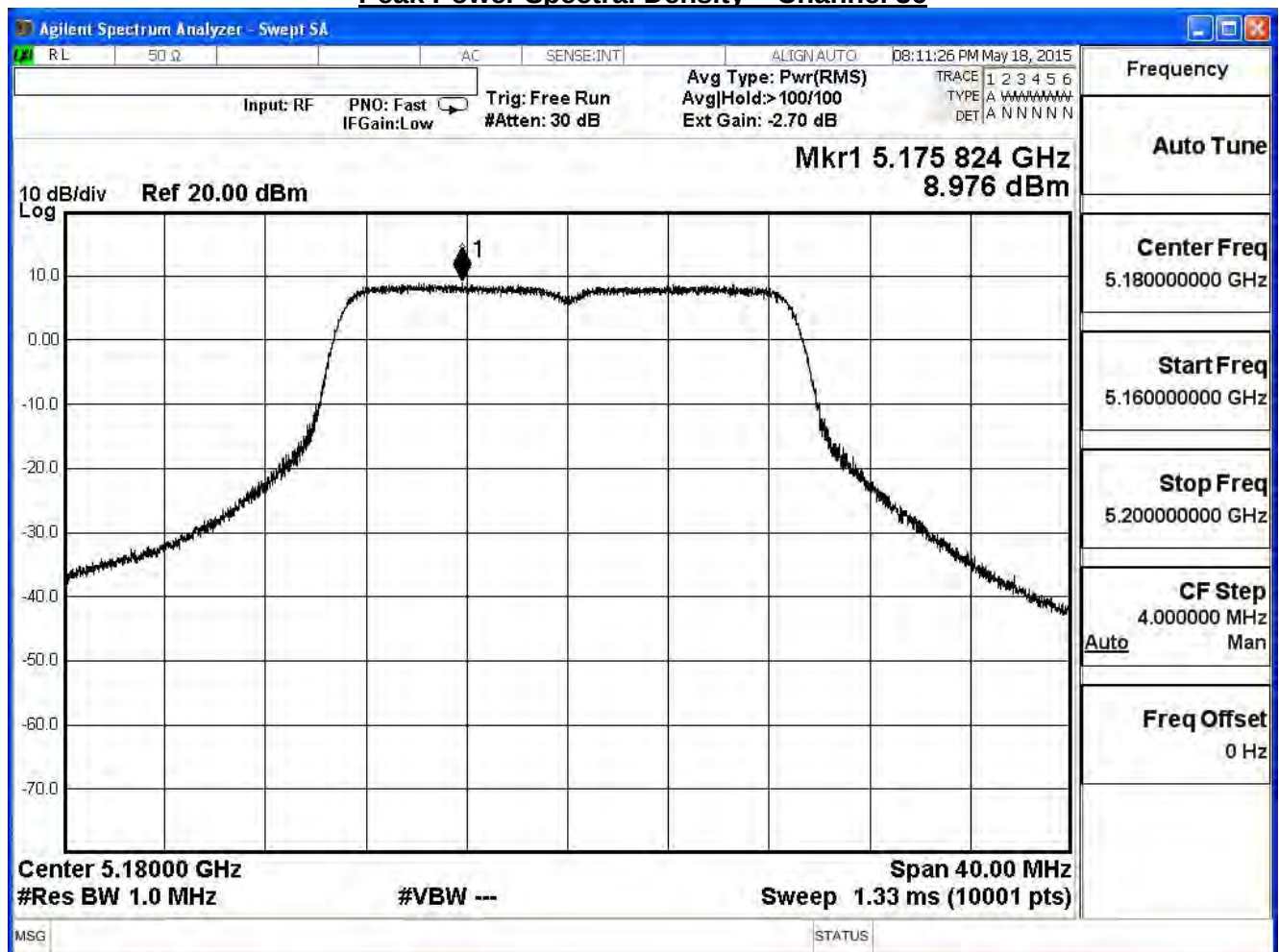
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11a (ANT 0+1+2)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
36	5180	13.614	≤ 13.89	Pass
44	5220	13.833	≤ 13.89	Pass
48	5240	13.691	≤ 13.89	Pass

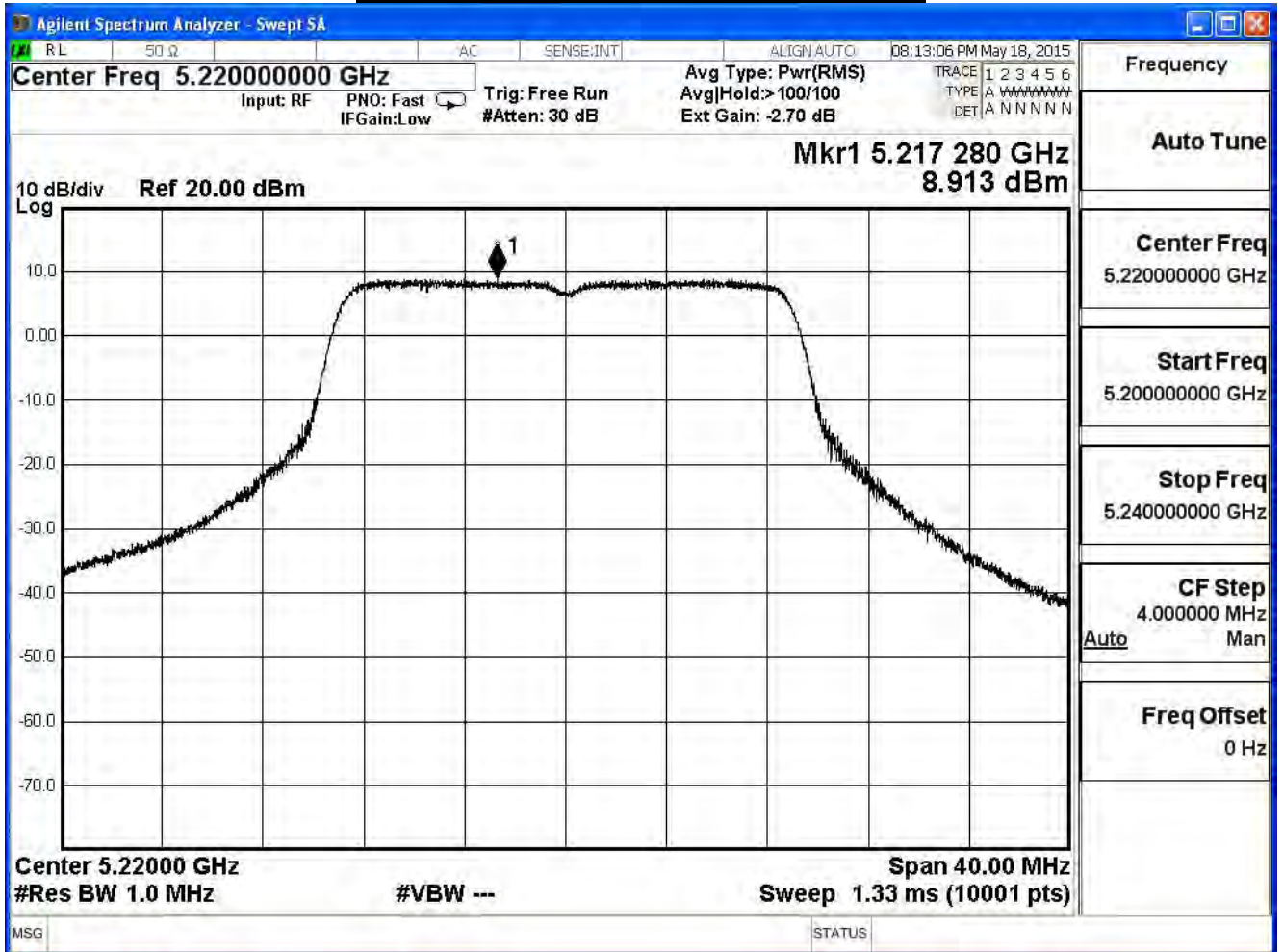
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11n_20M(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	8.976	≤ 13.89	Pass
44	5220	8.913	≤ 13.89	Pass
48	5240	9.183	≤ 13.89	Pass

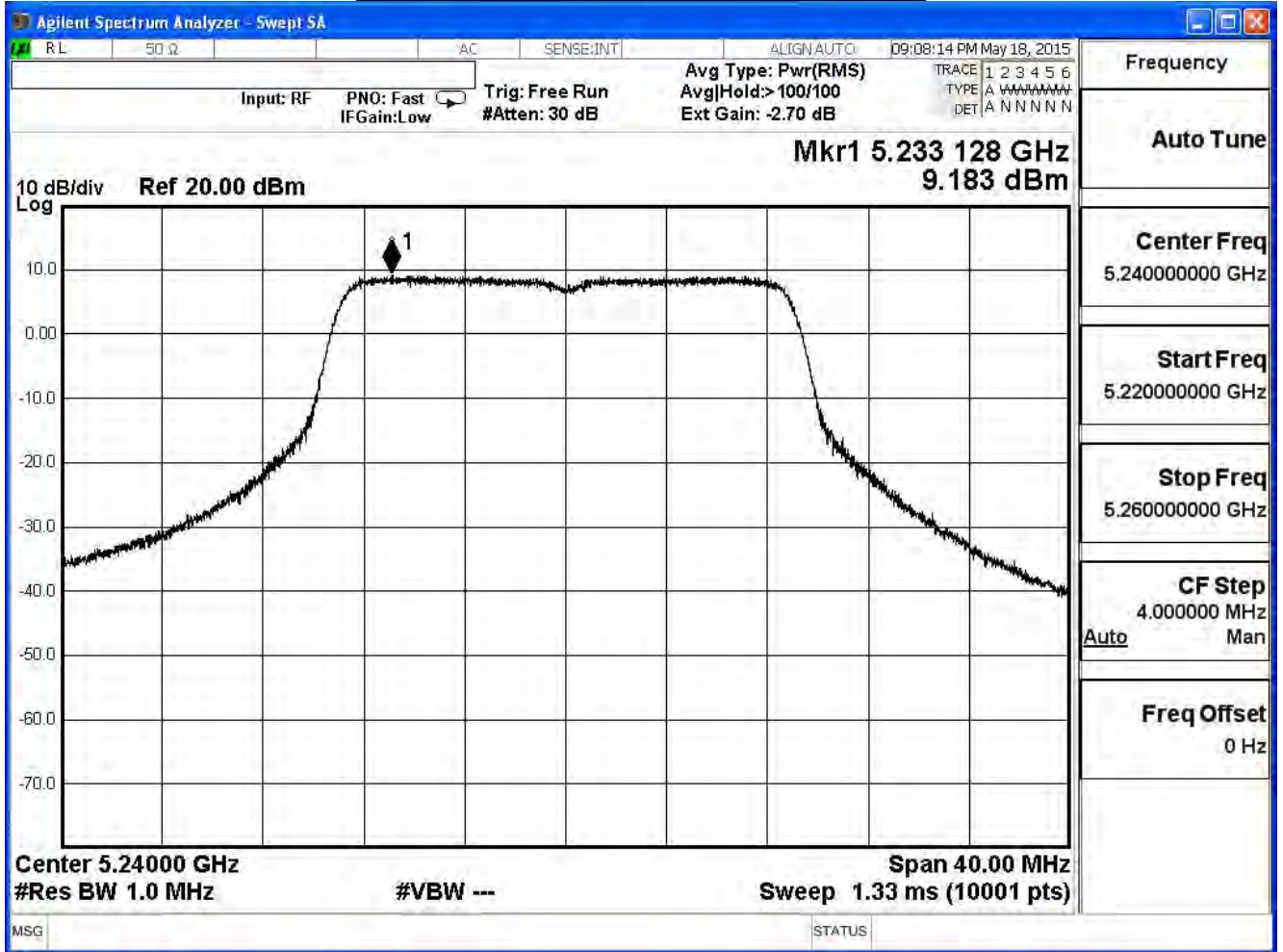
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



Peak Power Spectral Density – Channel 48

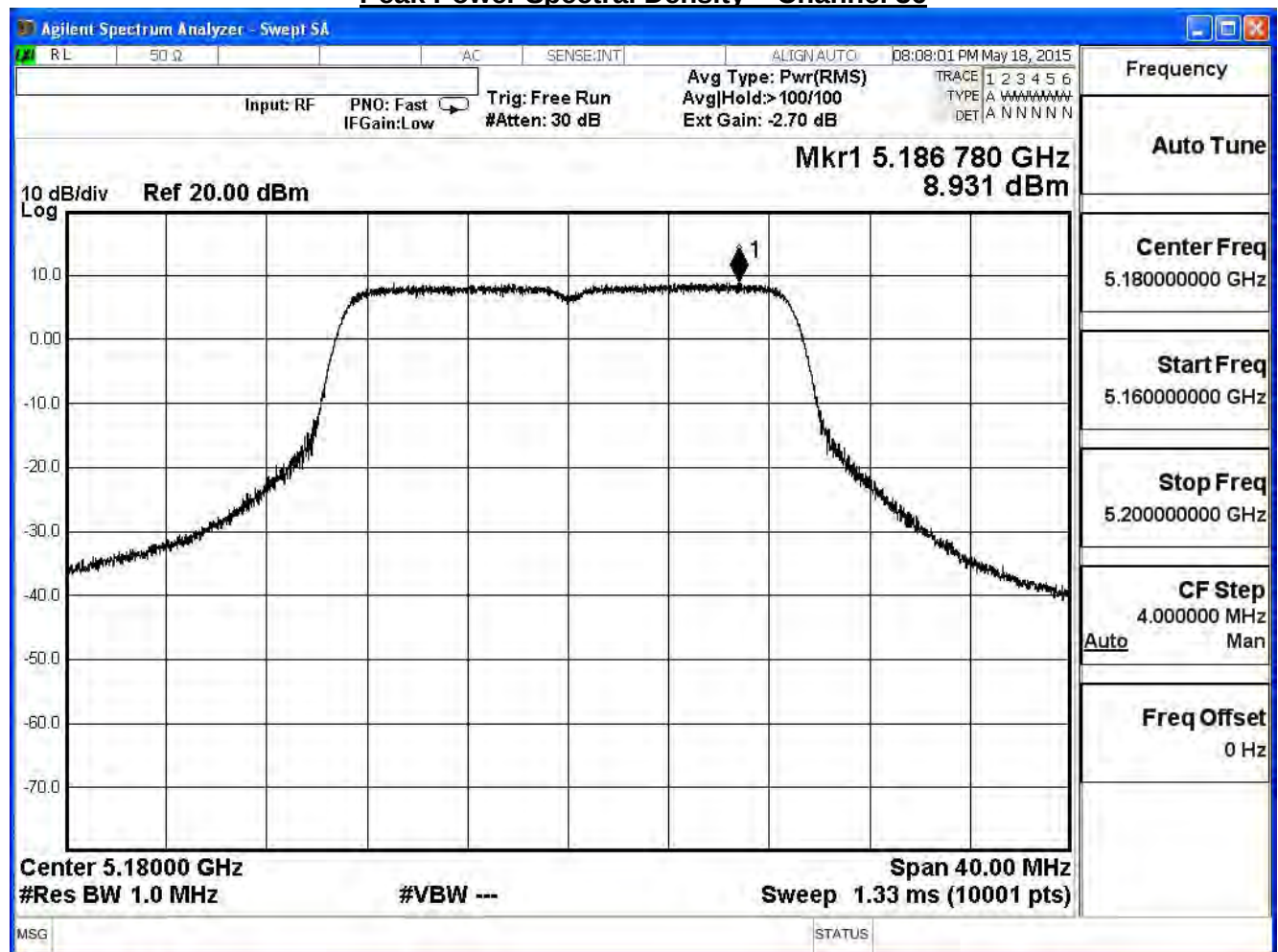


Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

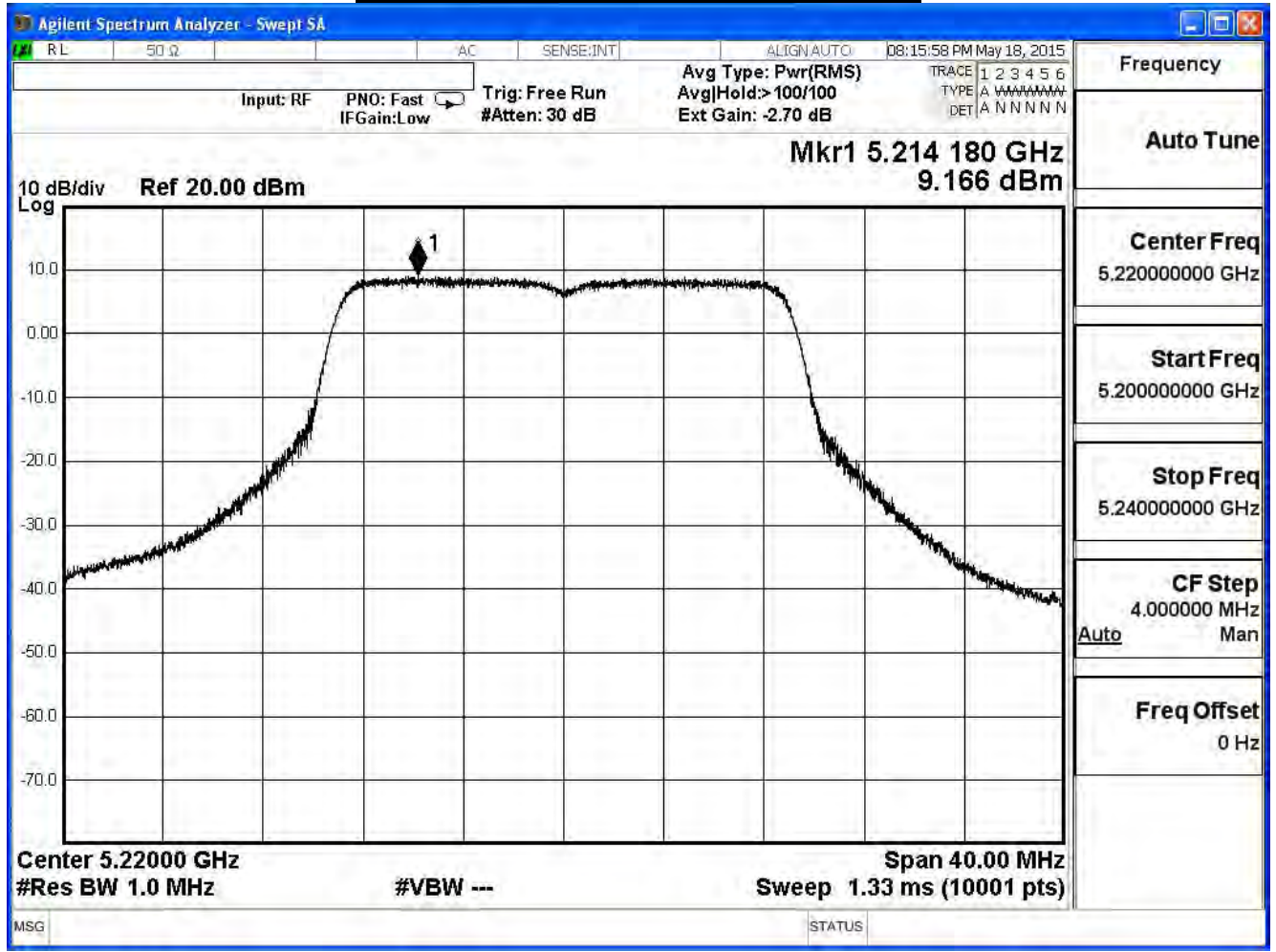
IEEE 802.11n_20M(ANT 1)

Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
36	5180	8.931	≤ 13.89	Pass
44	5220	9.168	≤ 13.89	Pass
48	5240	8.811	≤ 13.89	Pass

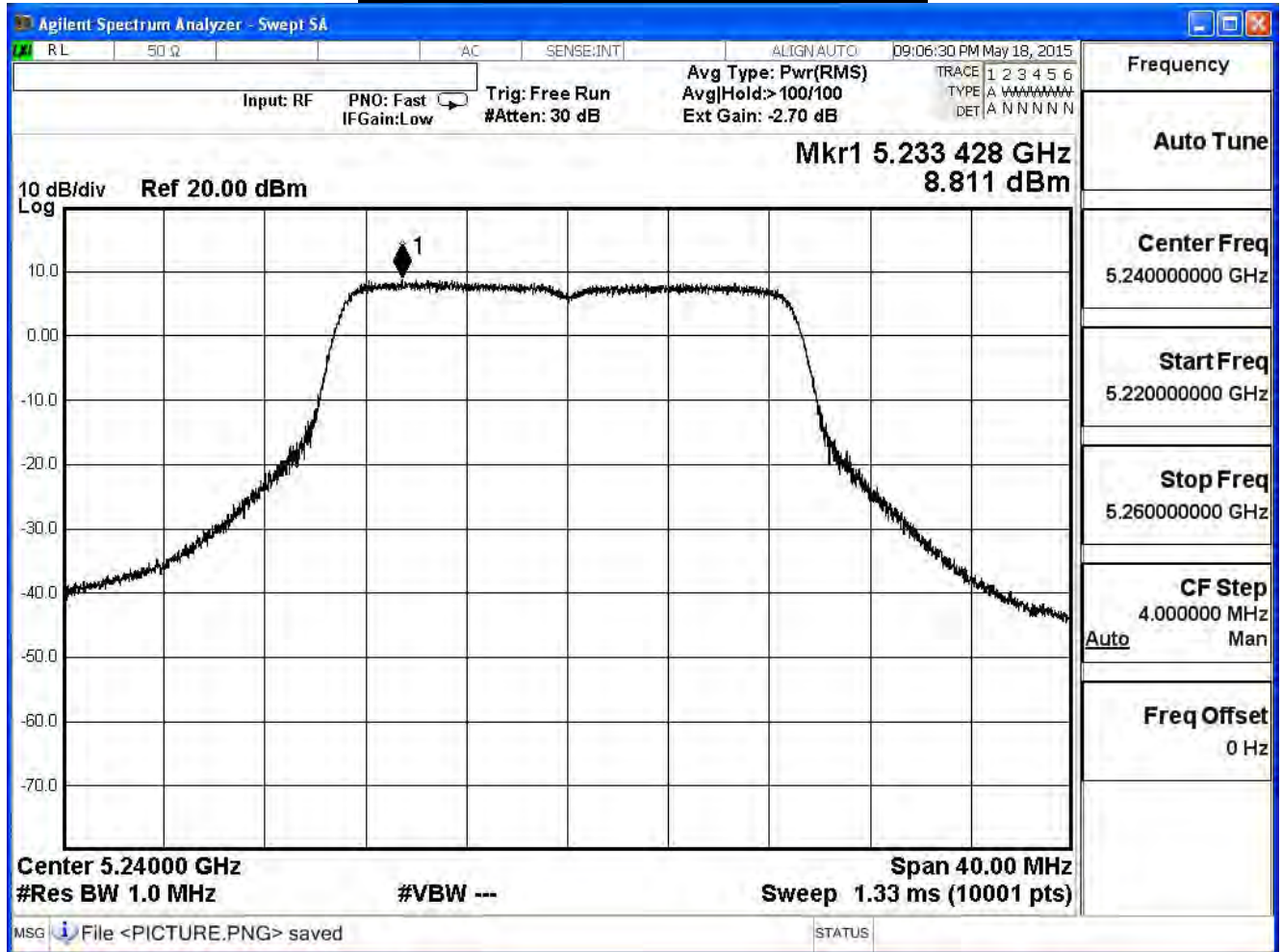
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



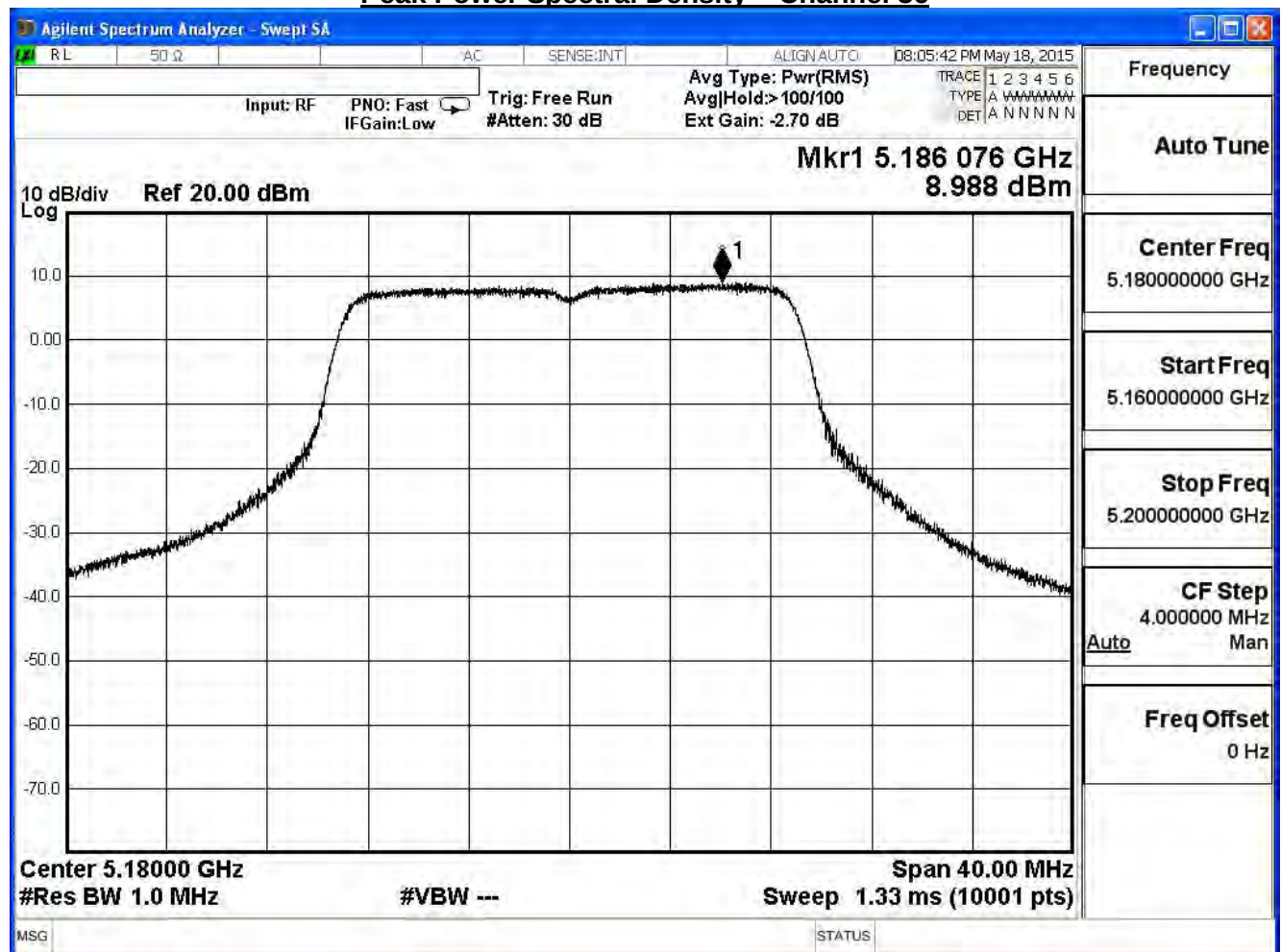
Peak Power Spectral Density – Channel 48



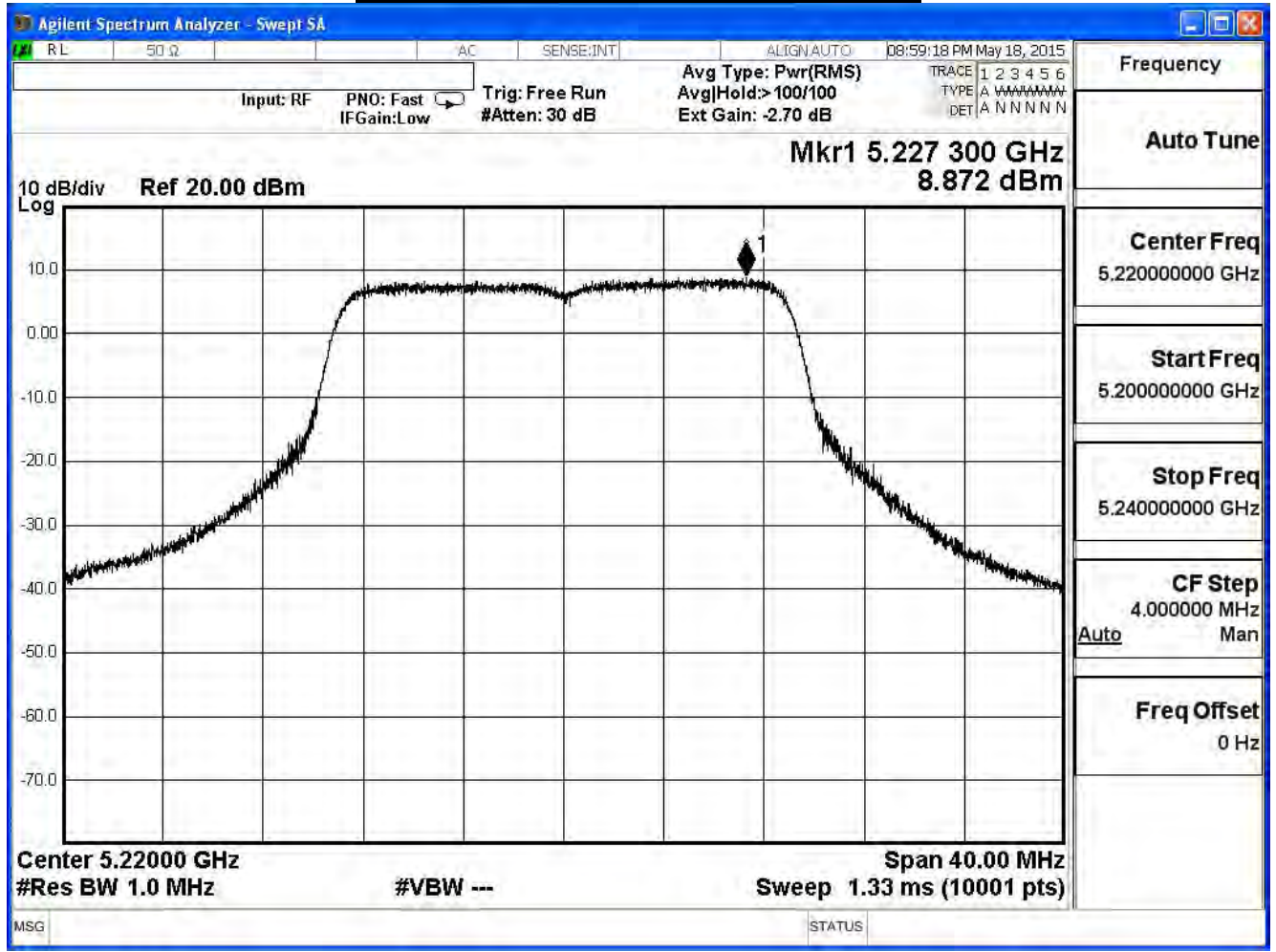
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11n_20M(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	8.988	≤ 13.89	Pass
44	5220	8.872	≤ 13.89	Pass
48	5240	9.030	≤ 13.89	Pass

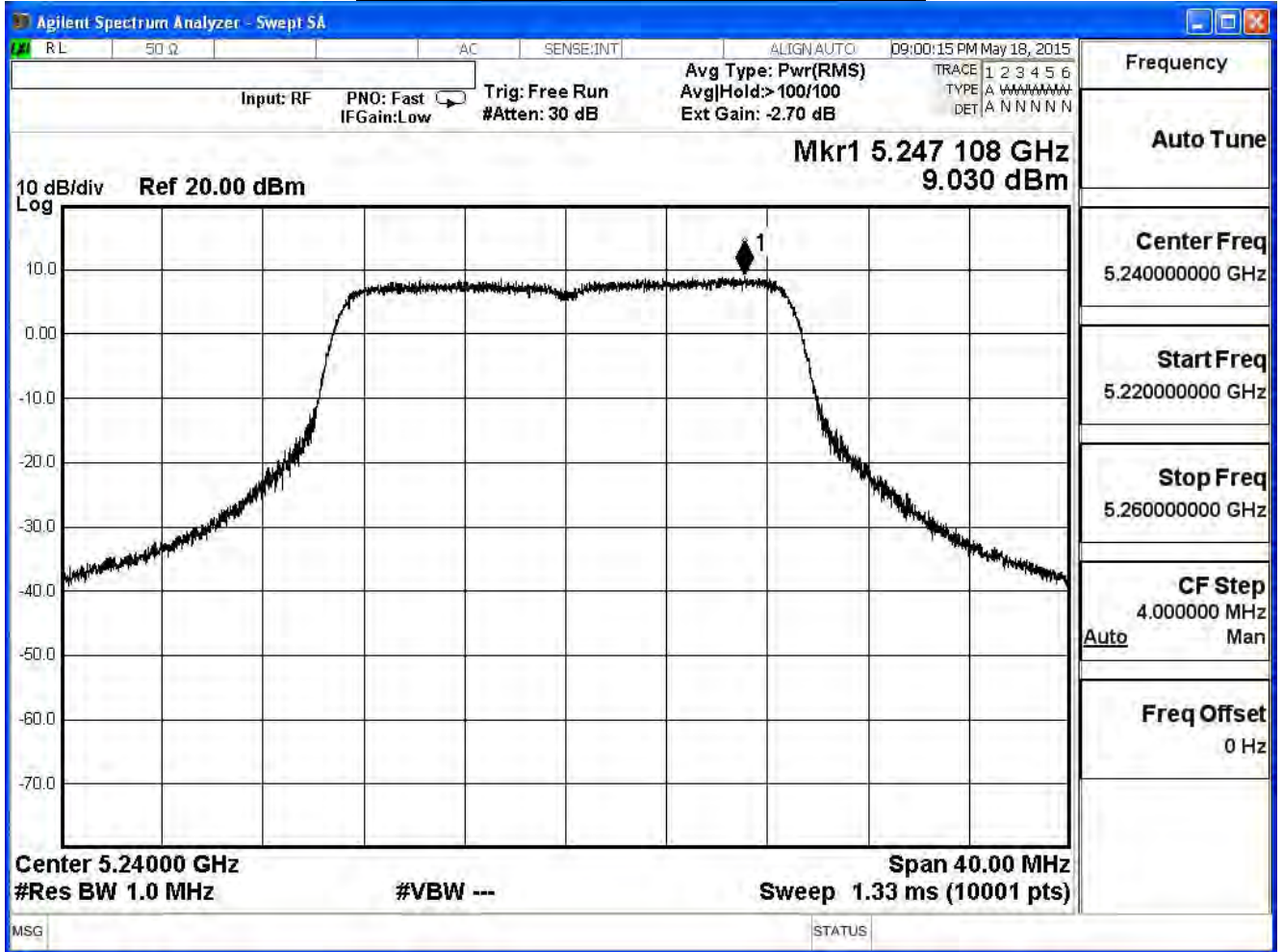
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



Peak Power Spectral Density – Channel 48



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

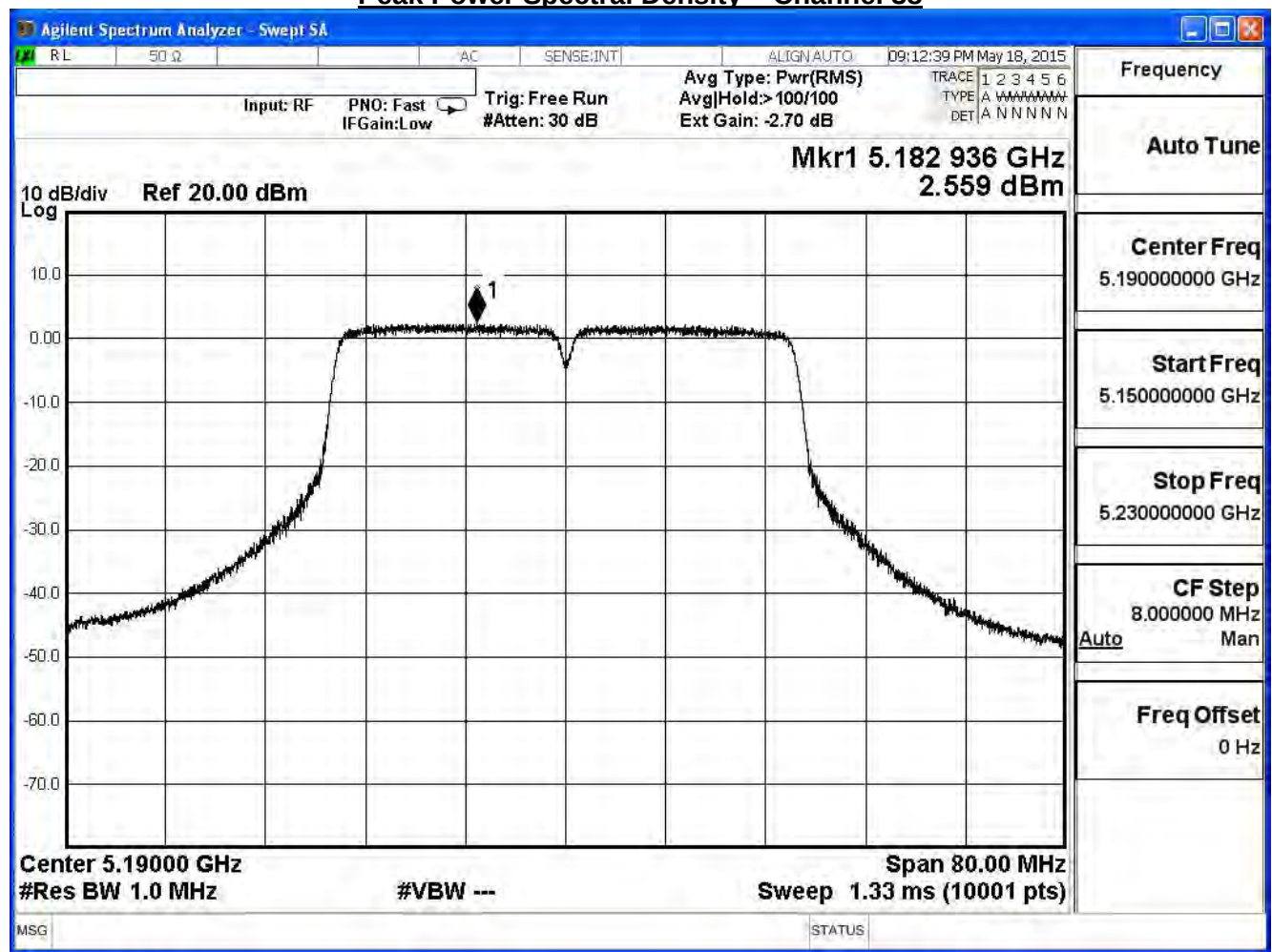
IEEE 802.11n_20M(ANT 0+1+2)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
36	5180	13.736	≤ 13.89	Pass
44	5220	13.758	≤ 13.89	Pass
48	5240	13.782	≤ 13.89	Pass

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

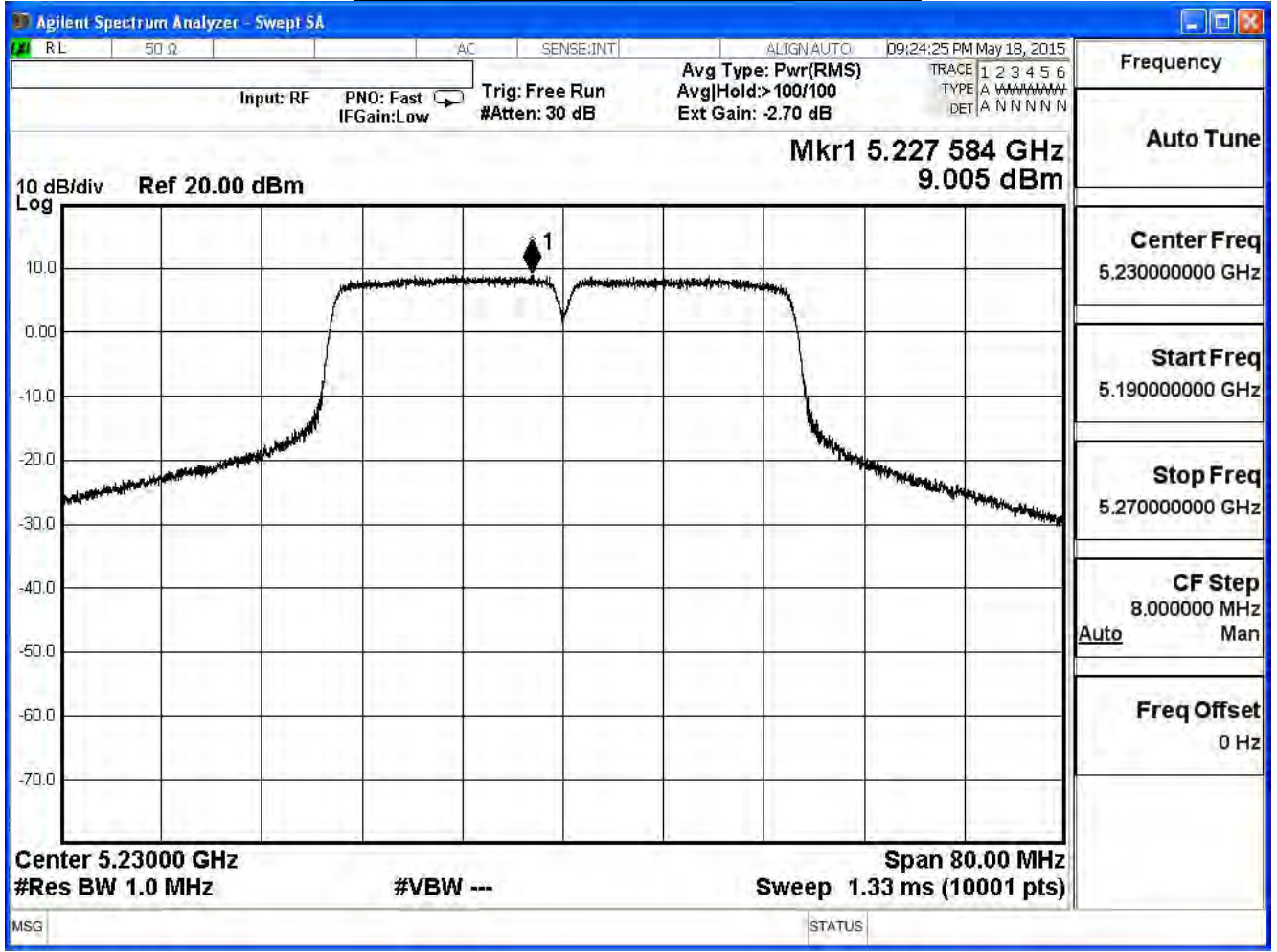
IEEE 802.11n_40M(ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
38	5190	2.559	≤ 13.89
46	5230	9.005	≤ 13.89

Peak Power Spectral Density – Channel 38



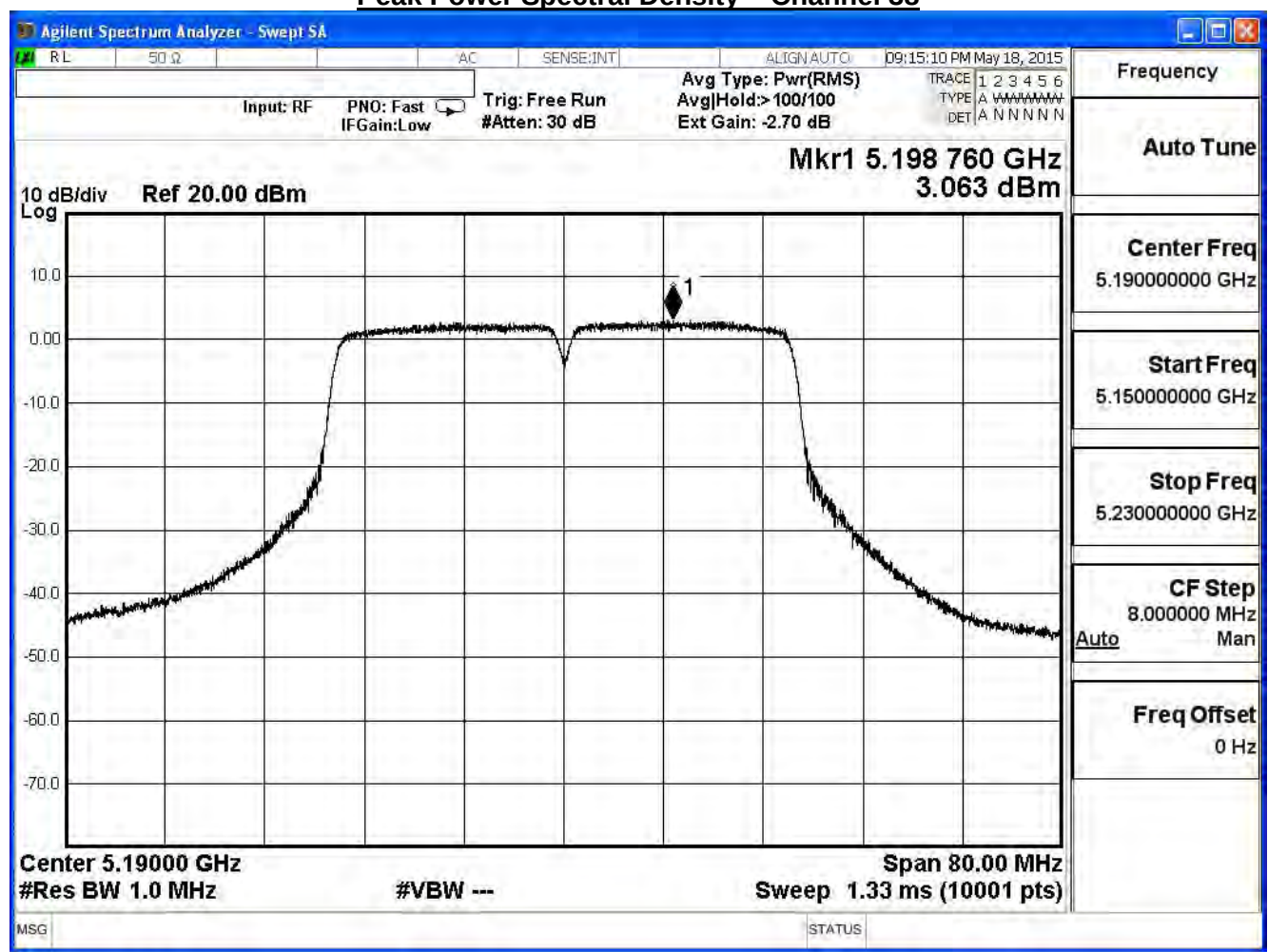
Peak Power Spectral Density – Channel 46



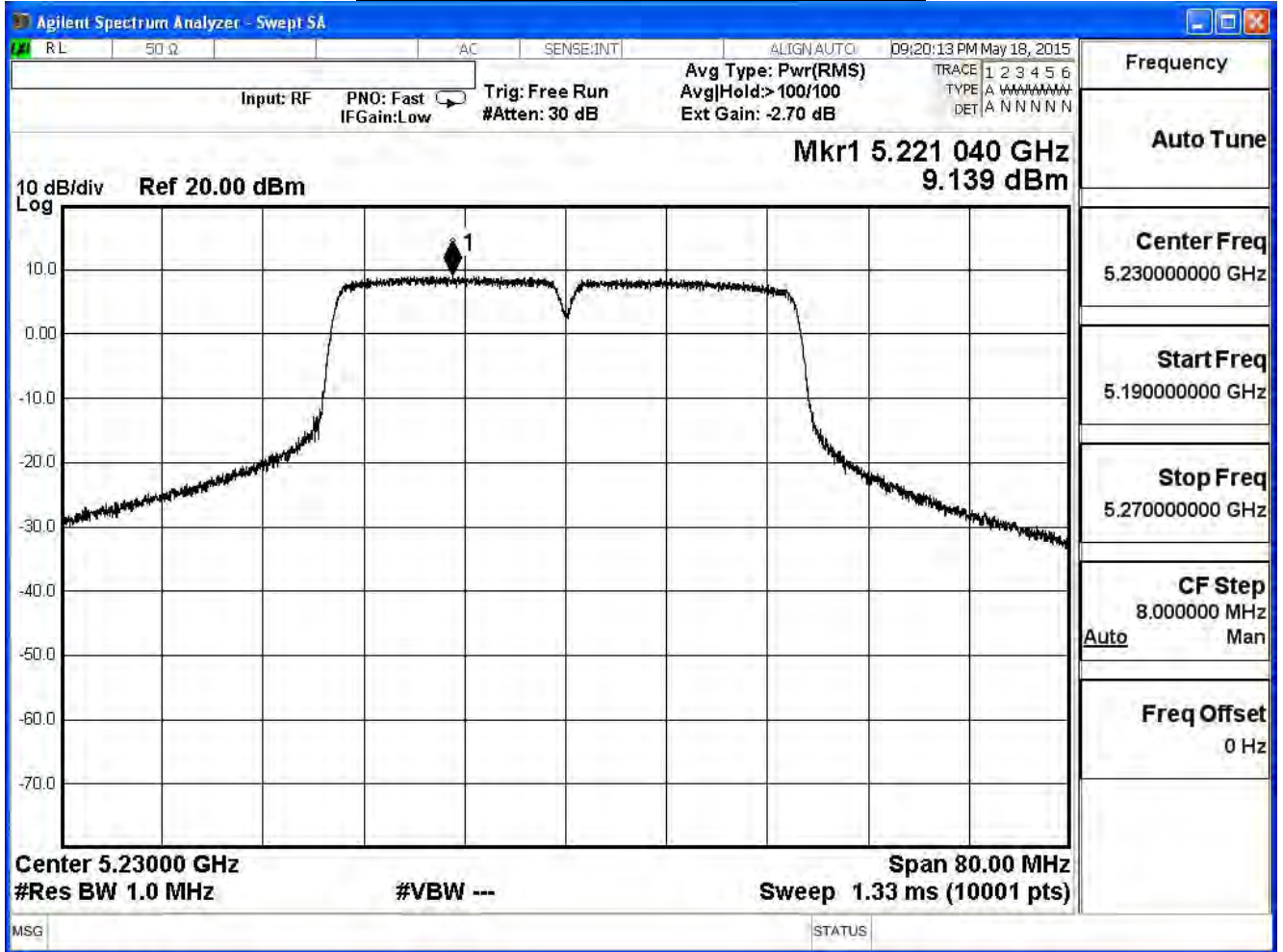
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11n_40M(ANT 1)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
38	5190	3.063	≤ 13.89	Pass
46	5230	9.139	≤ 13.89	Pass

Peak Power Spectral Density – Channel 38



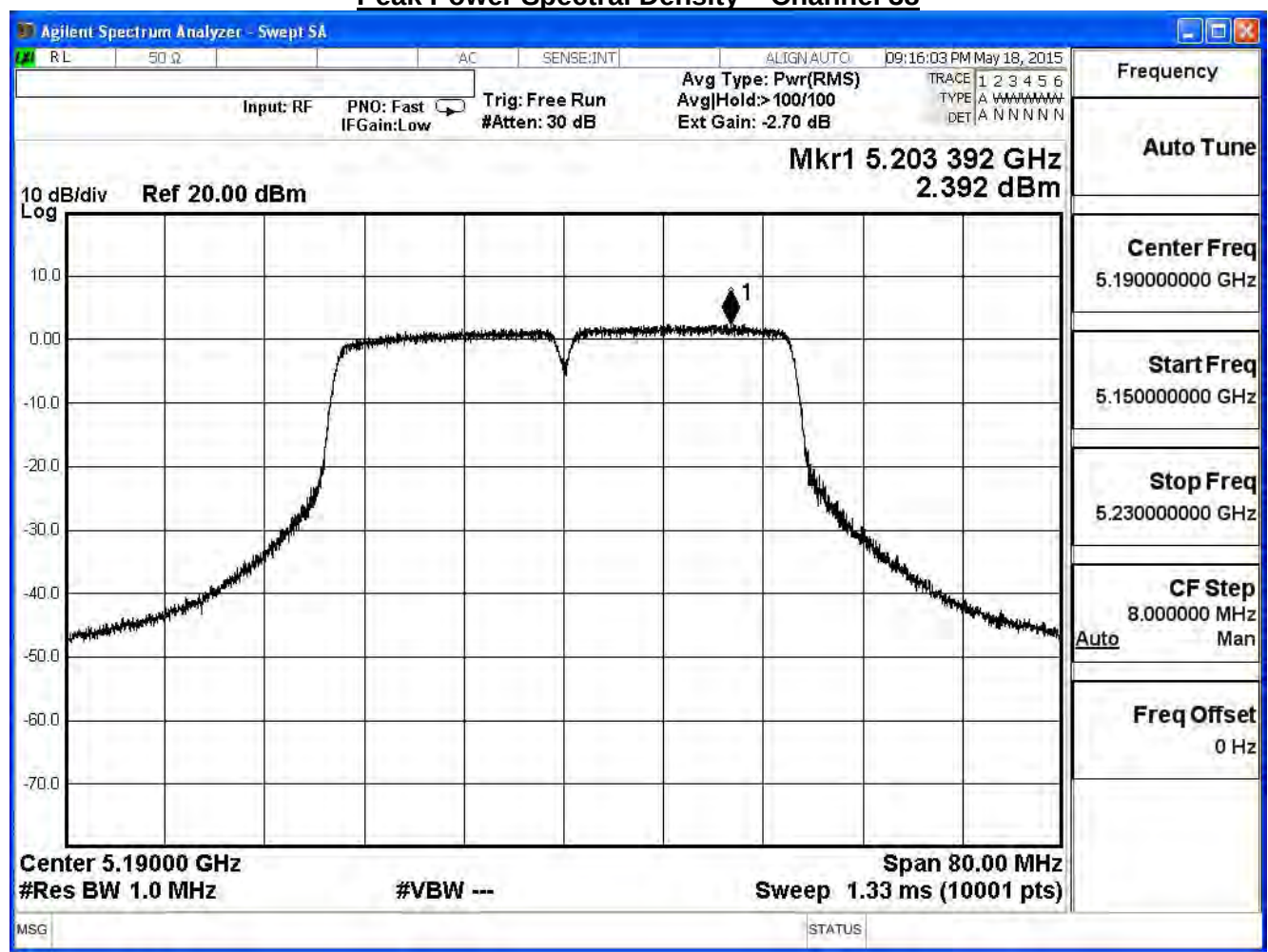
Peak Power Spectral Density – Channel 46



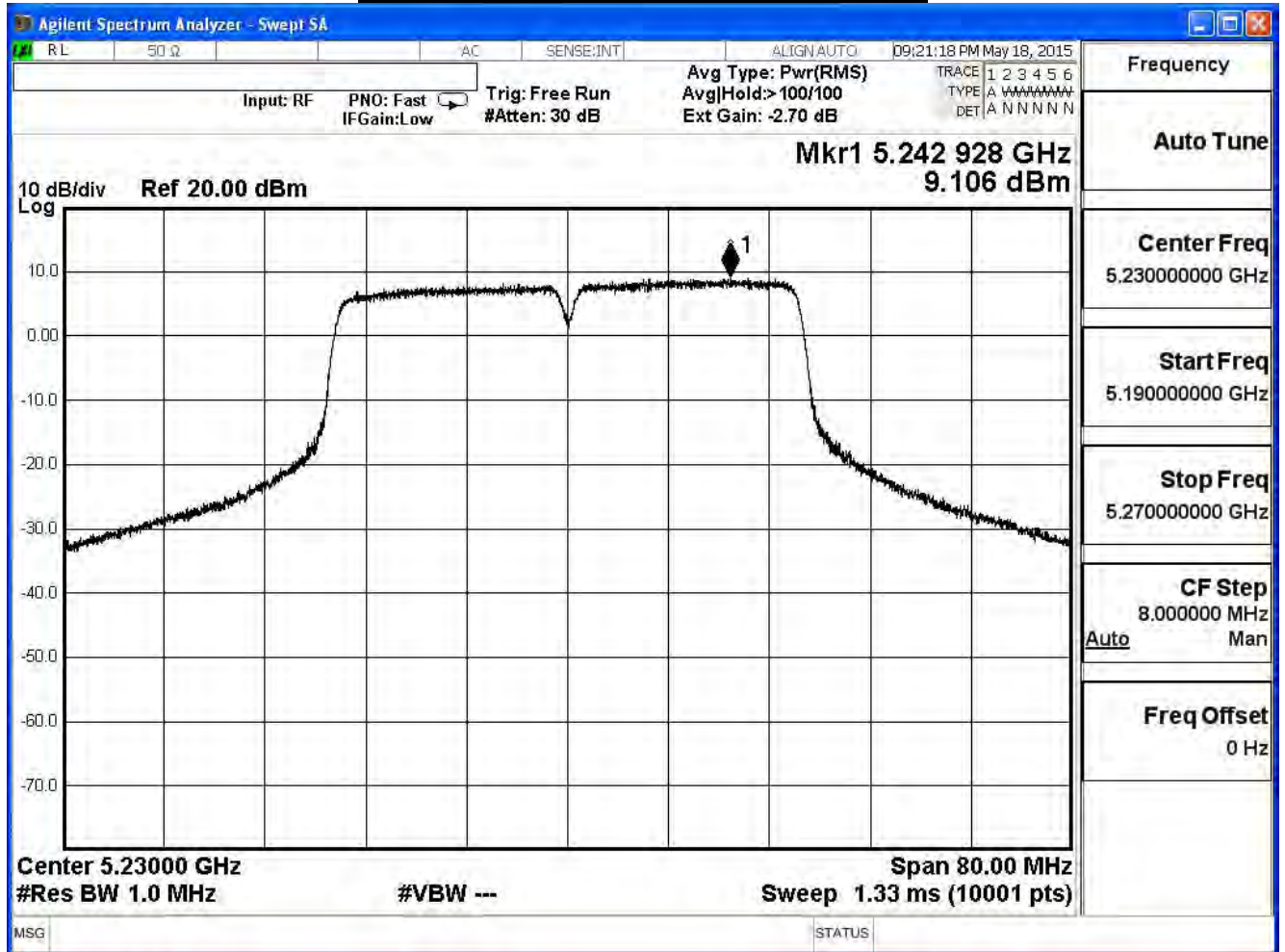
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11n_40M(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
38	5190	2.392	≤ 13.89	Pass
46	5230	9.106	≤ 13.89	Pass

Peak Power Spectral Density – Channel 38



Peak Power Spectral Density – Channel 46



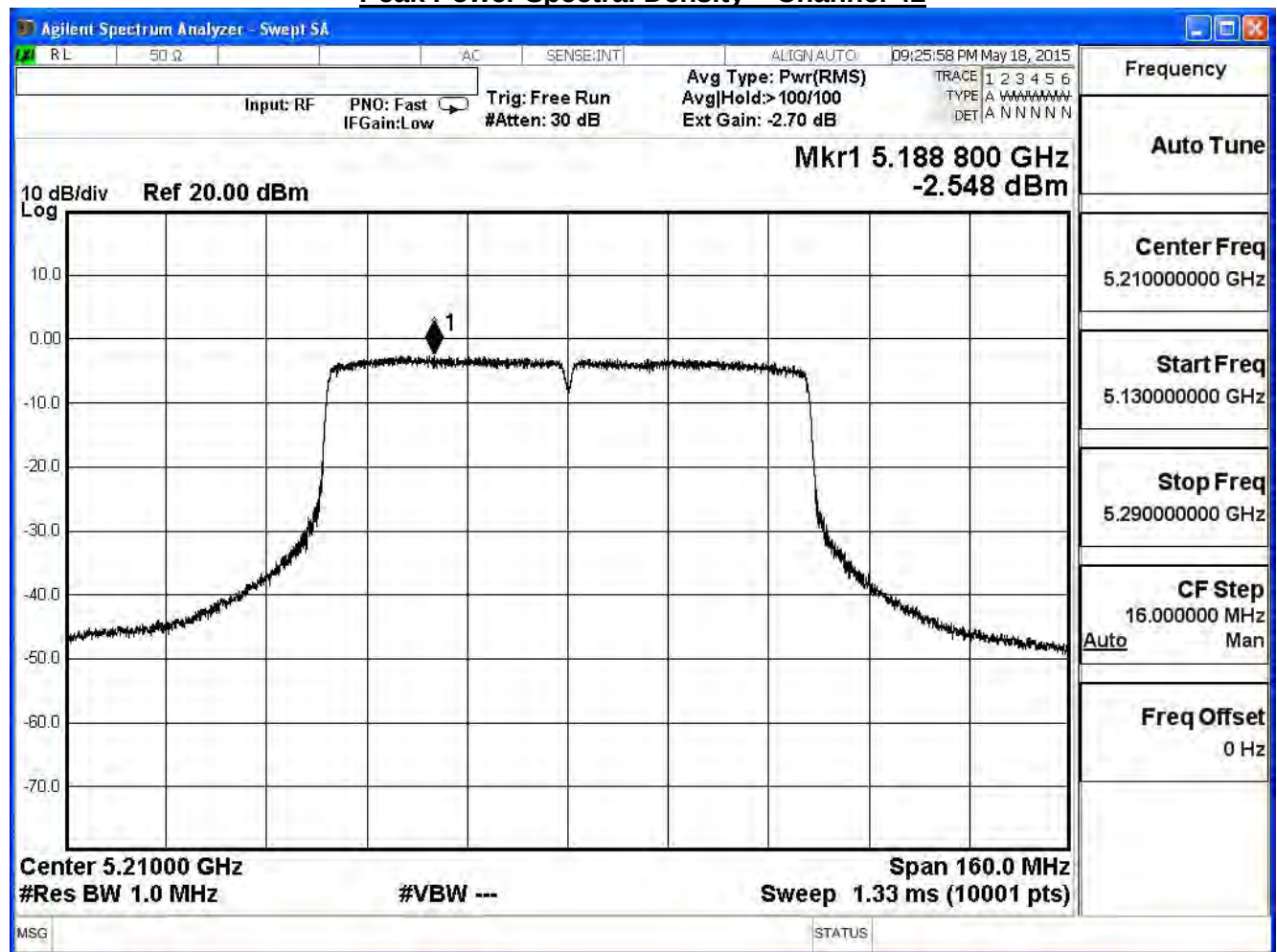
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11n_40M(ANT 0+1+2)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
38	5190	7.452	≤ 13.89	Pass
46	5230	13.855	≤ 13.89	Pass

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11ac_80M(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
42	5210	-2.548	≤ 13.89	Pass

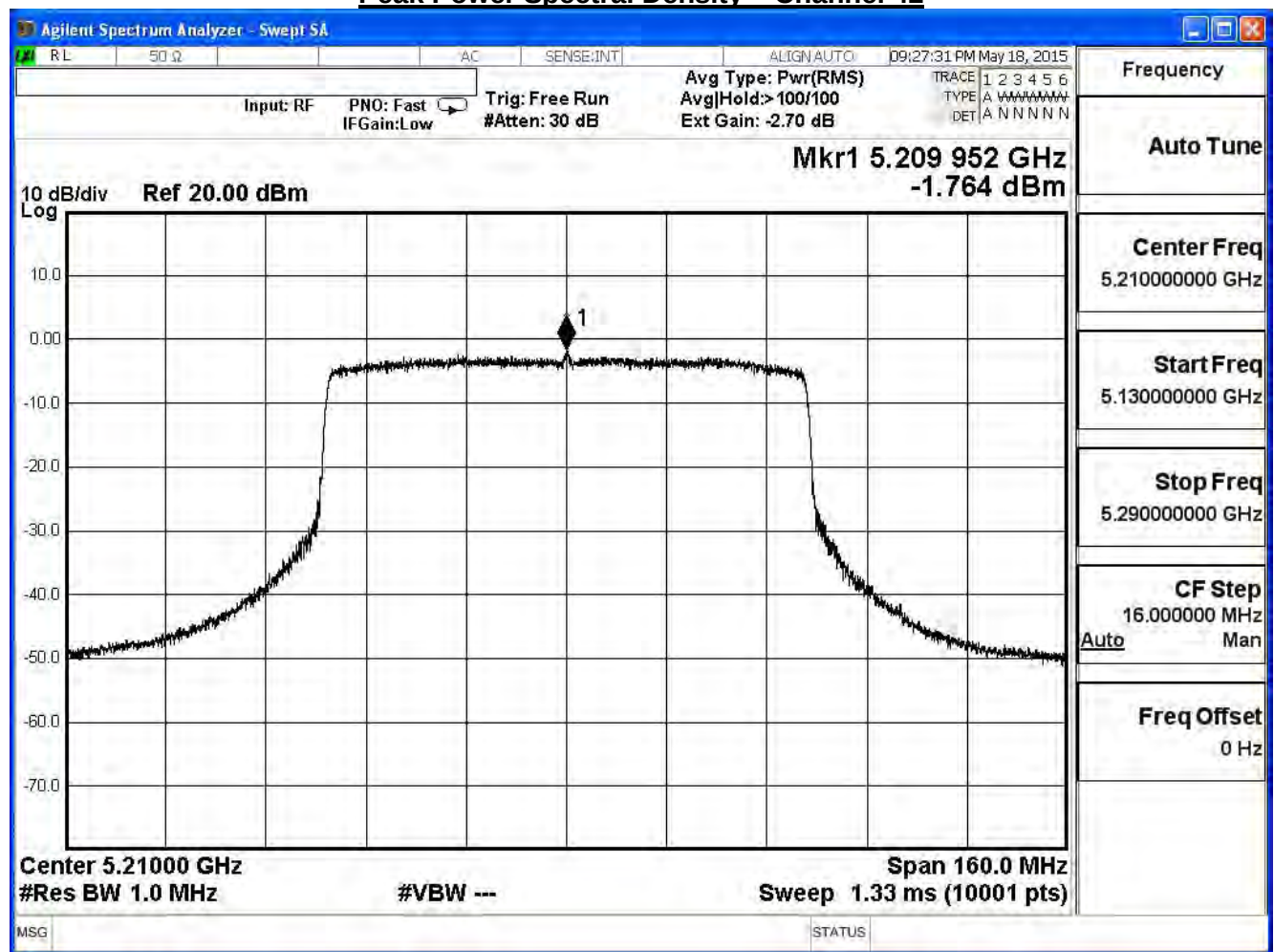
Peak Power Spectral Density – Channel 42



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11ac_80M(ANT 1)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
42	5210	-1.764	≤ 13.89	Pass

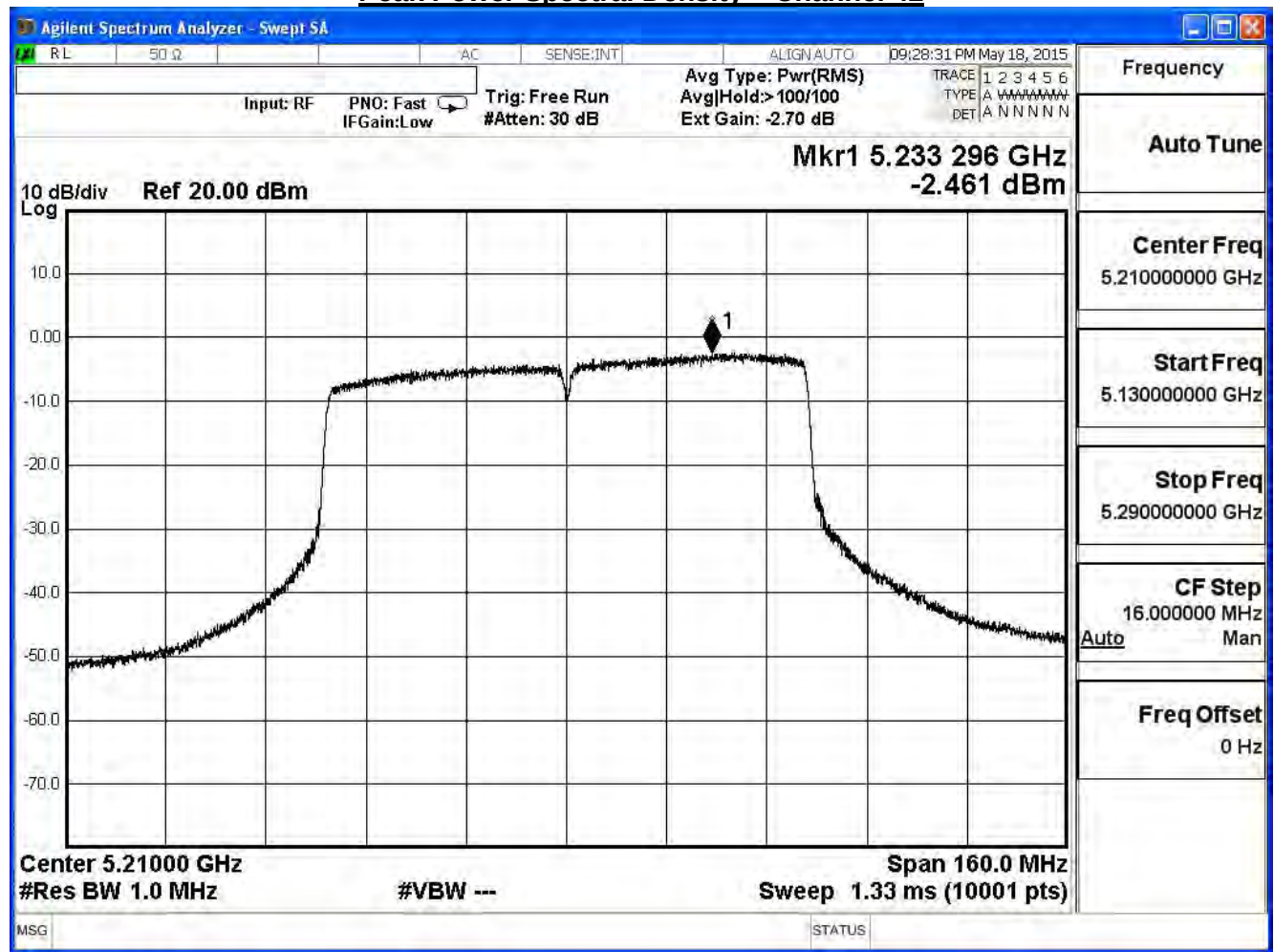
Peak Power Spectral Density – Channel 42



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11ac_80M(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
42	5210	-2.461	≤ 13.89	Pass

Peak Power Spectral Density – Channel 42



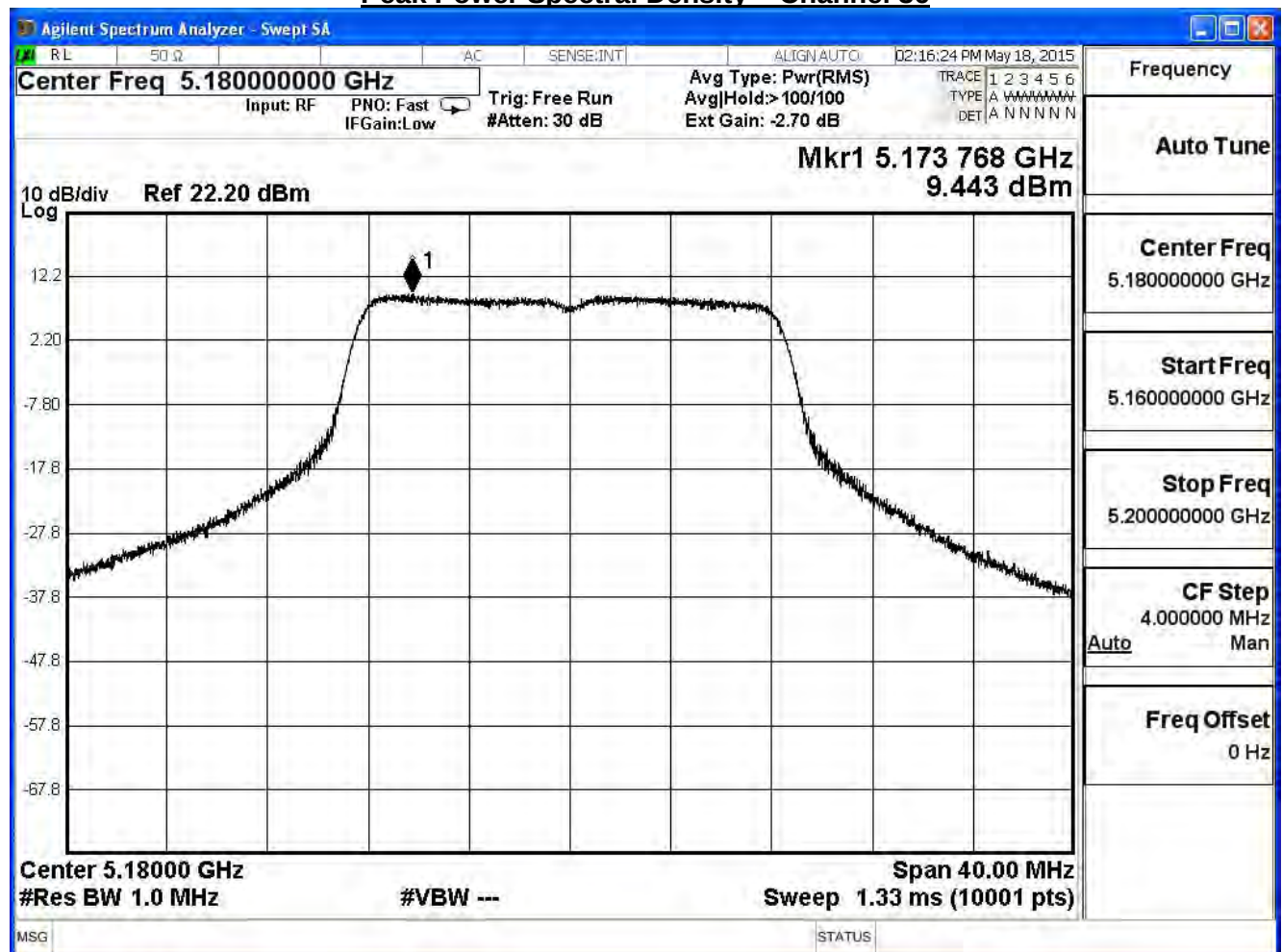
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11ac_80M(ANT 0+1+2)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
42	5210	2.528	≤ 13.89	Pass

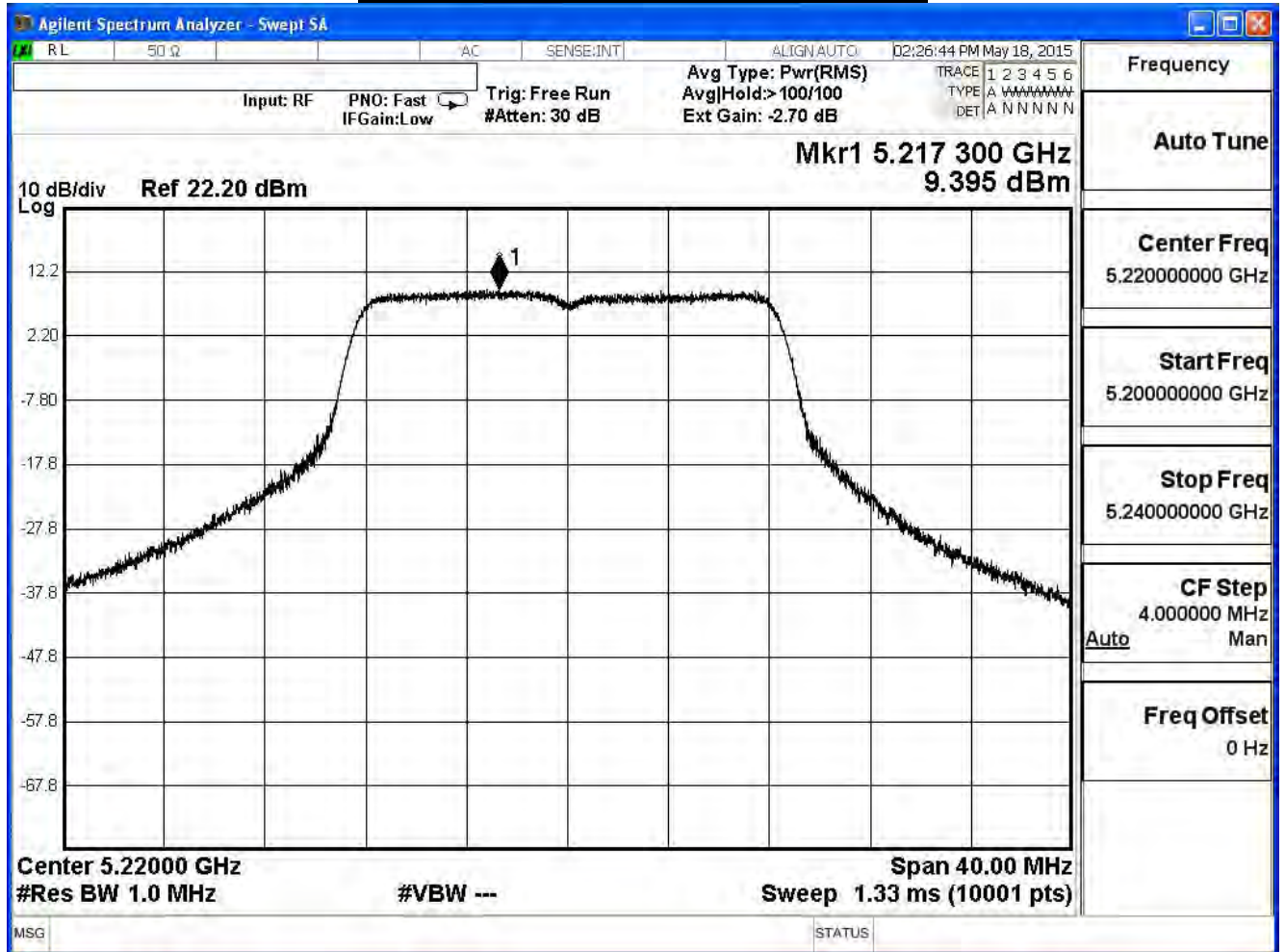
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11a (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	9.443	≤ 13.89	Pass
44	5220	9.359	≤ 13.89	Pass
48	5240	9.570	≤ 13.89	Pass

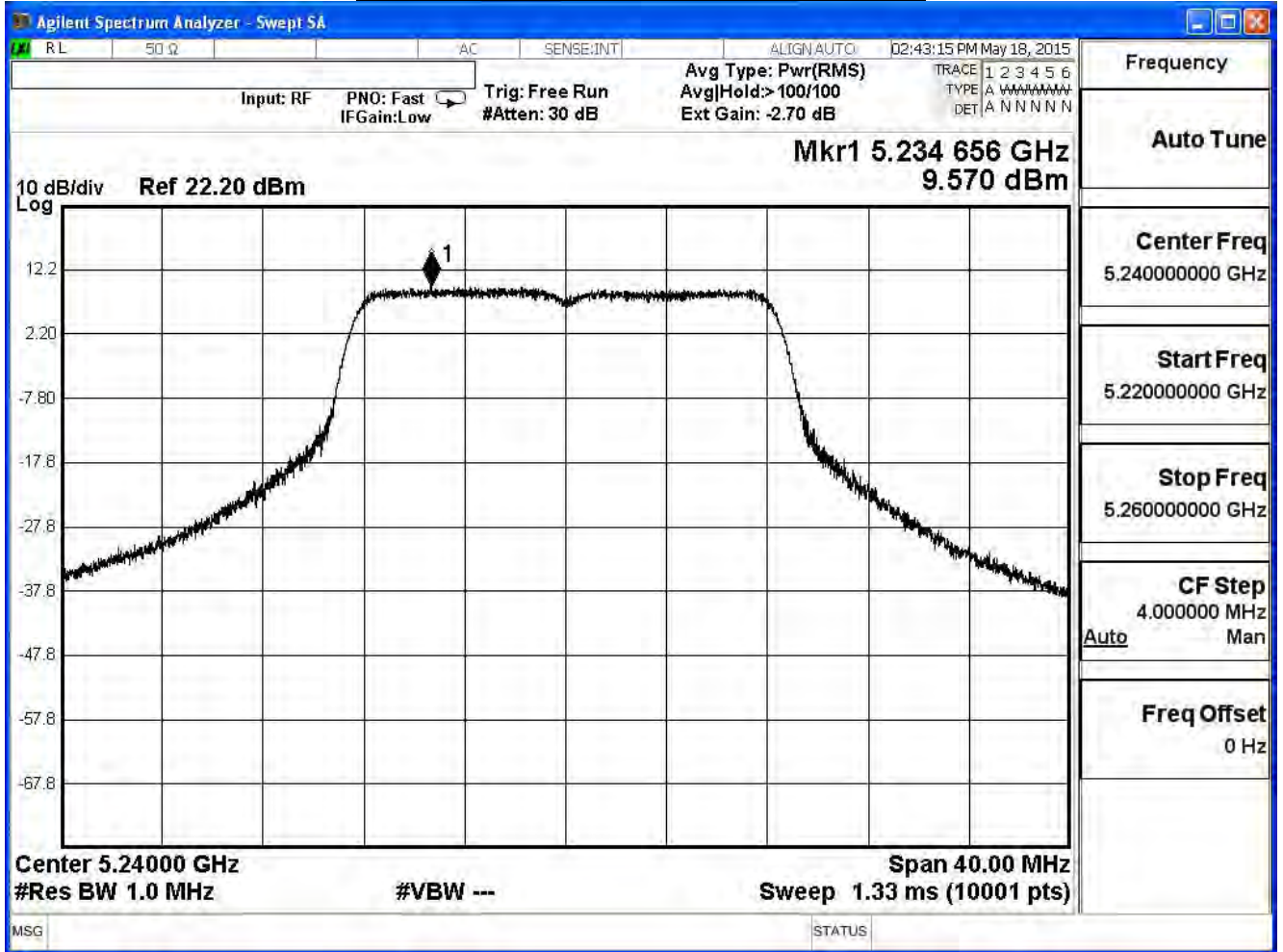
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



Peak Power Spectral Density – Channel 48

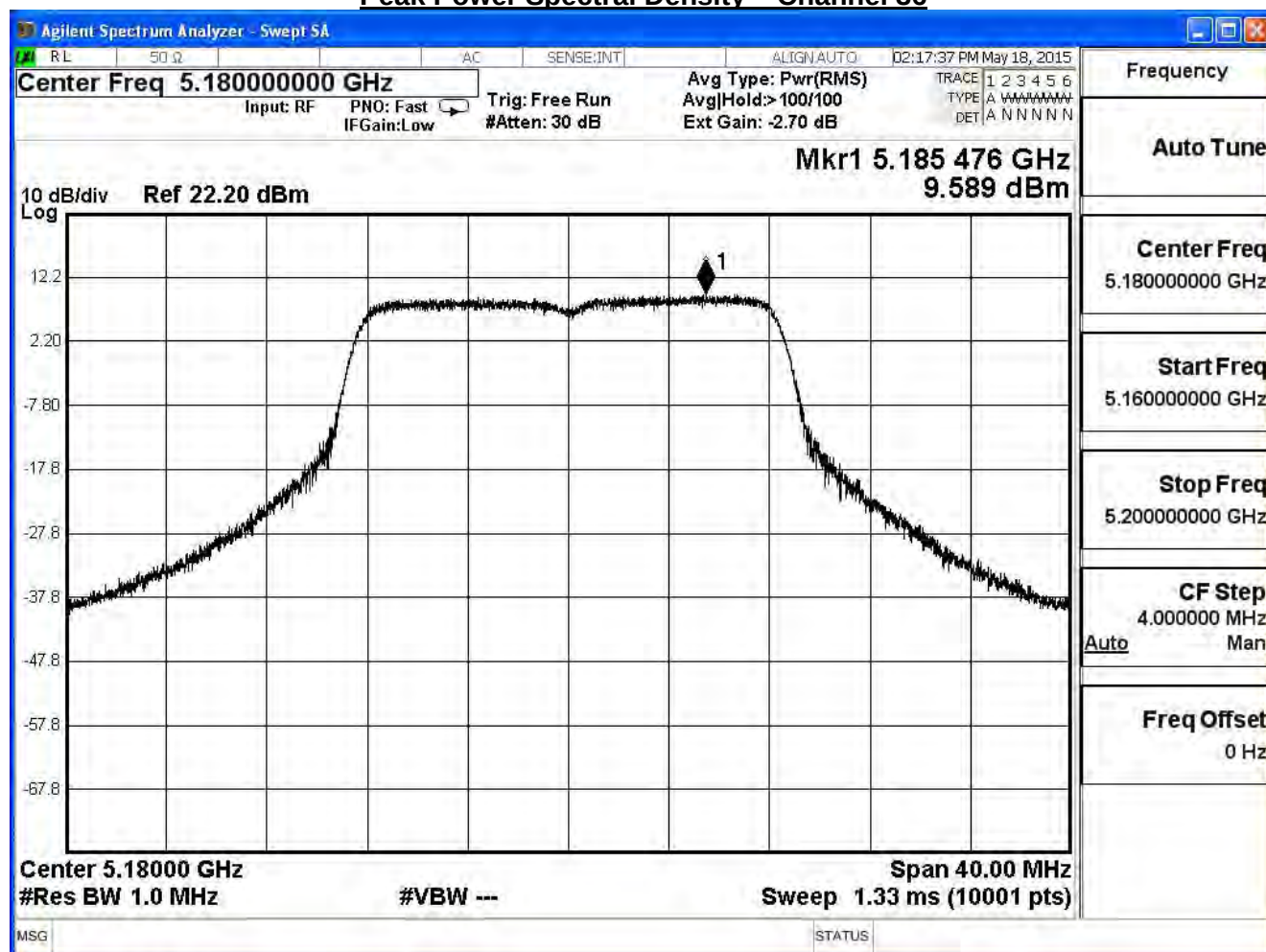


Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

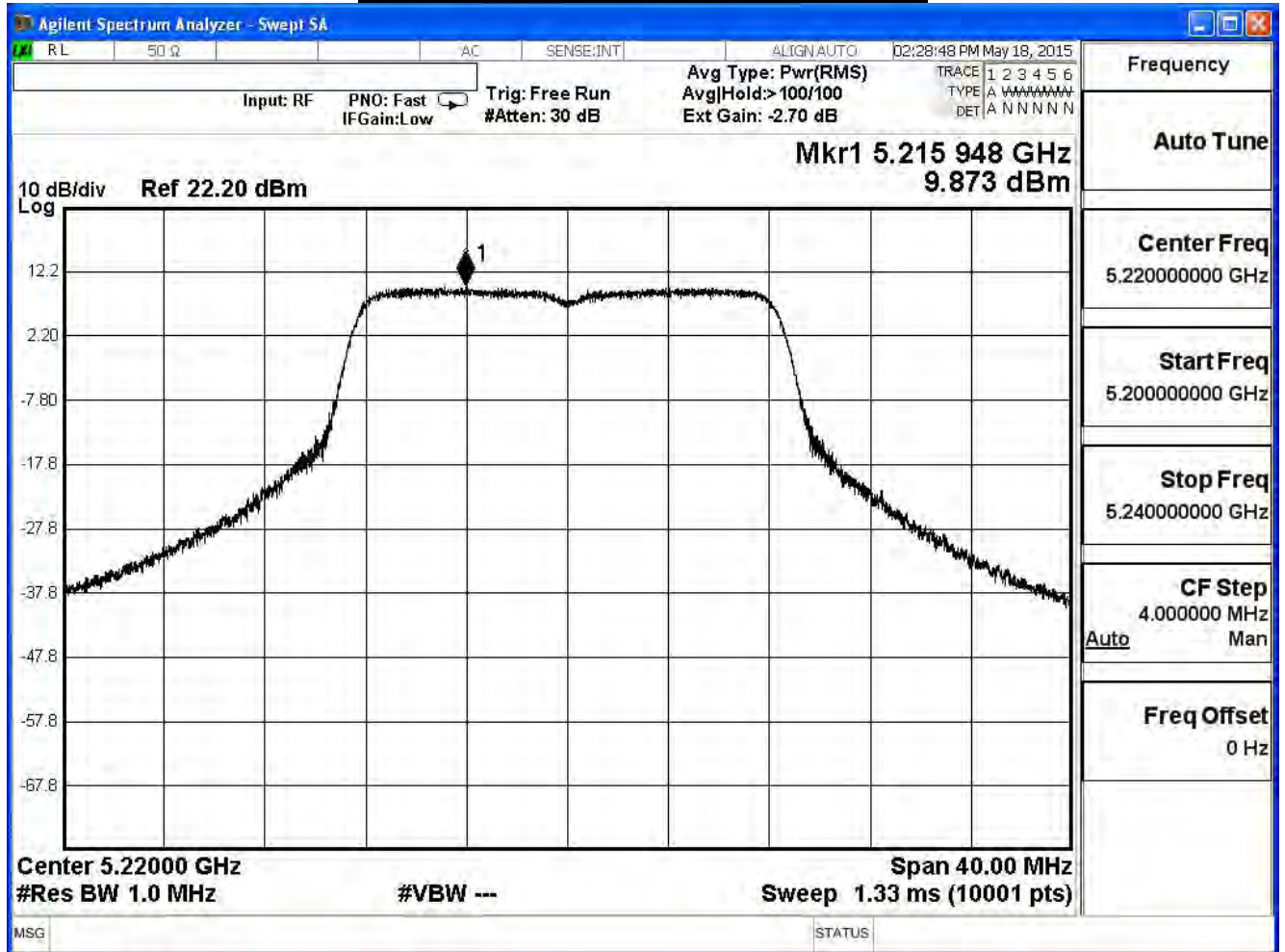
IEEE 802.11a (ANT 1)

Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
36	5180	9.589	≤ 13.89	Pass
44	5220	9.873	≤ 13.89	Pass
48	5240	10.066	≤ 13.89	Pass

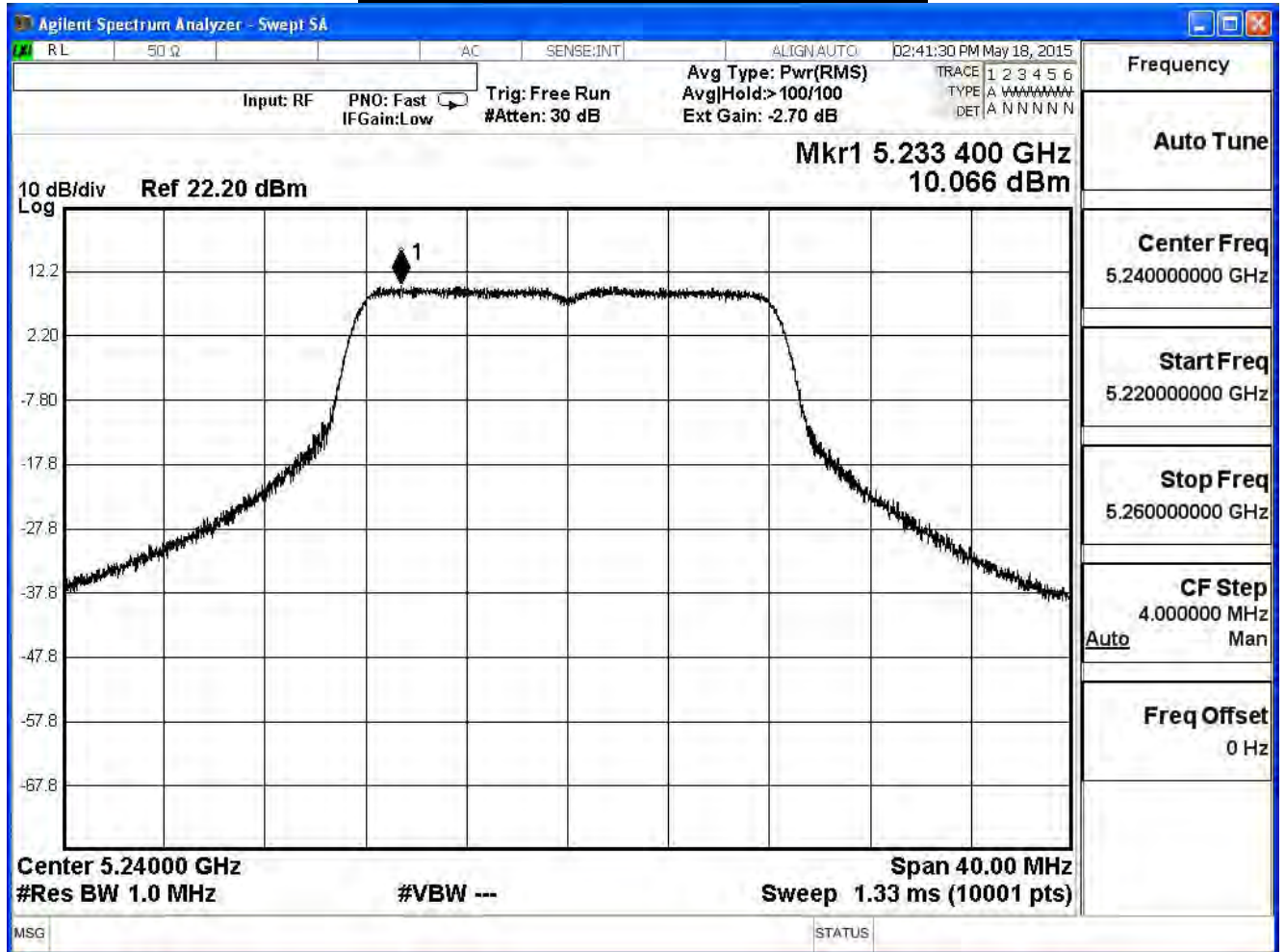
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



Peak Power Spectral Density – Channel 48

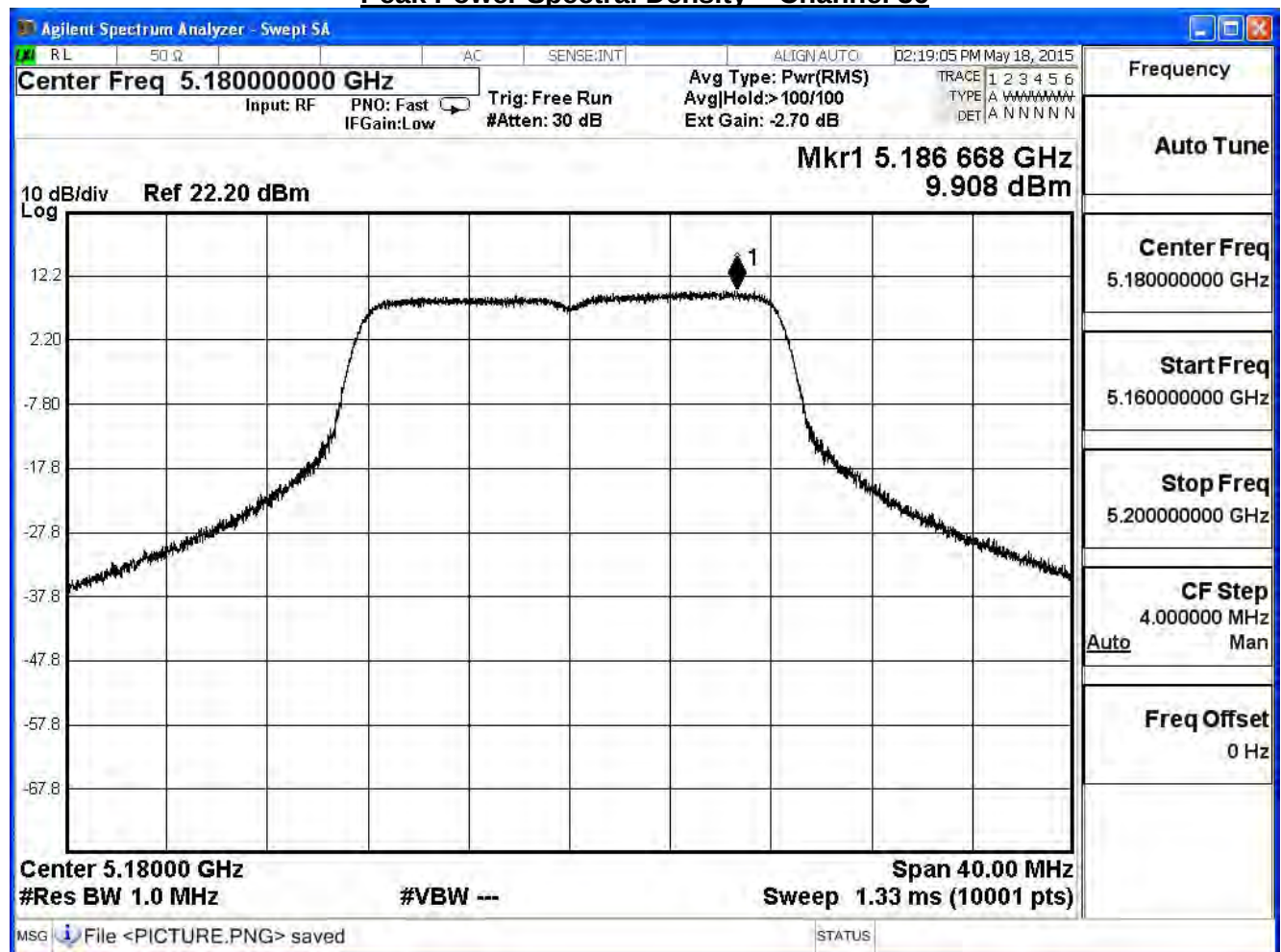


Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

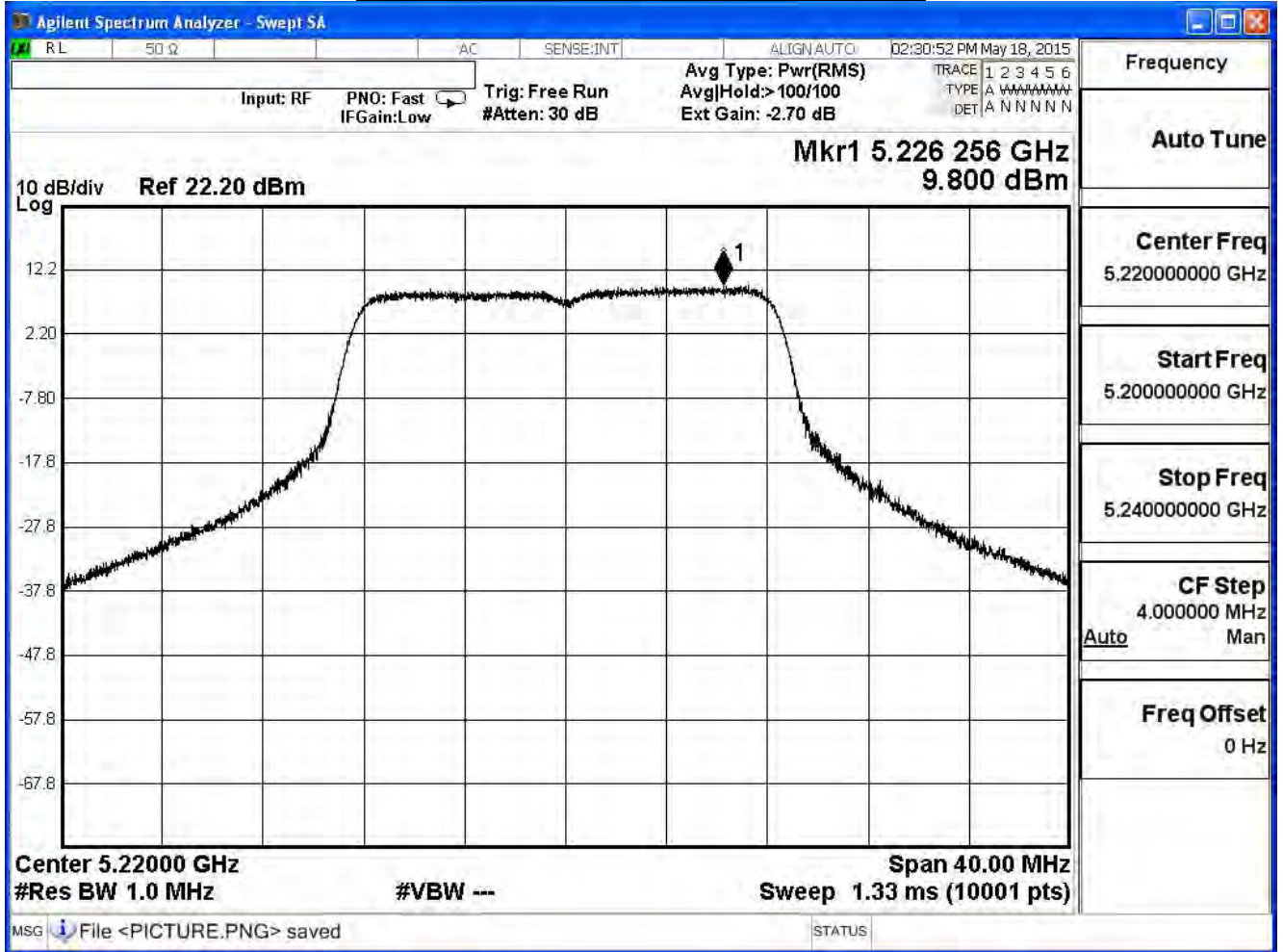
IEEE 802.11a (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	9.908	≤ 13.89	Pass
44	5220	9.800	≤ 13.89	Pass
48	5240	9.950	≤ 13.89	Pass

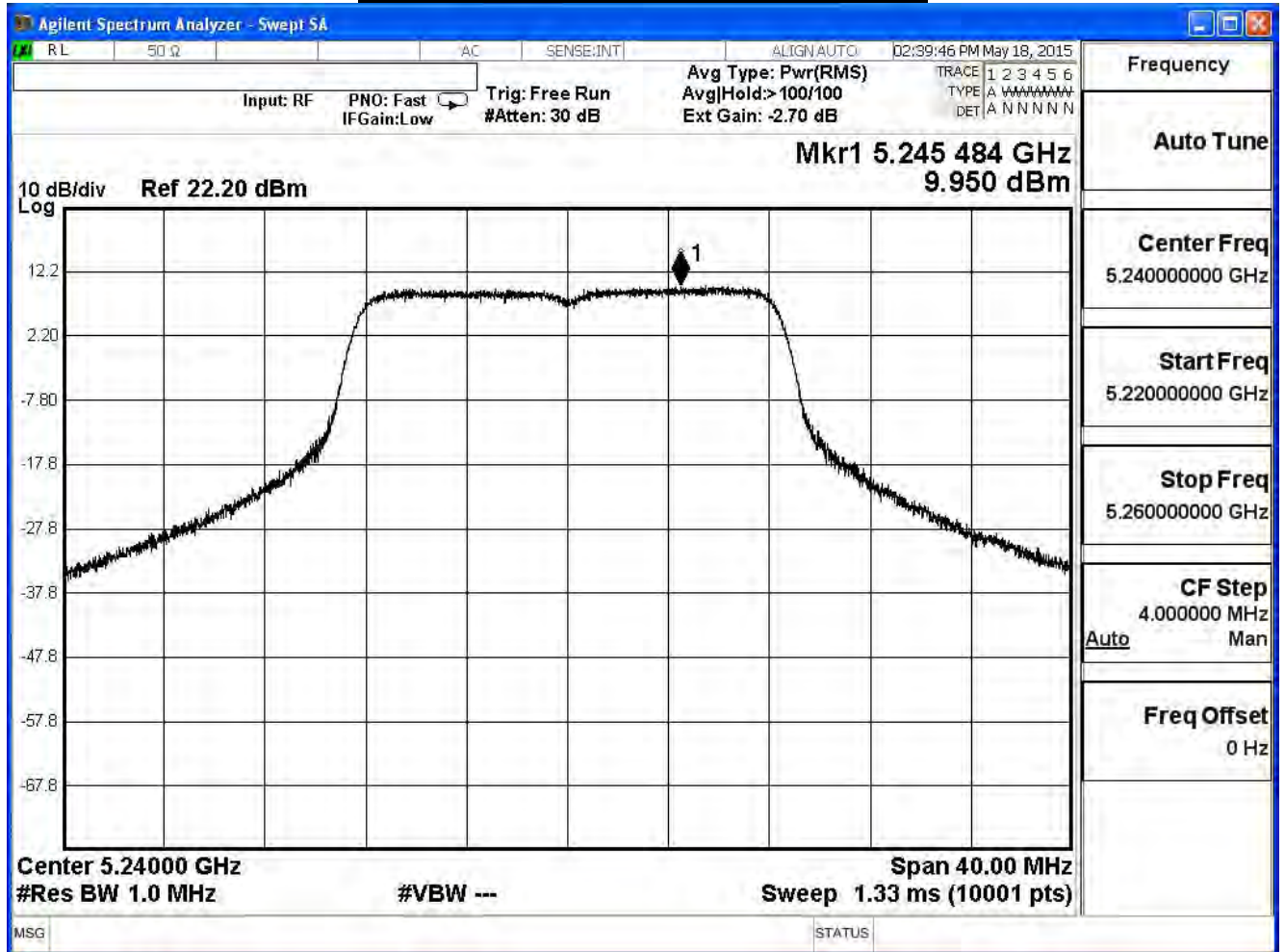
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



Peak Power Spectral Density – Channel 48



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

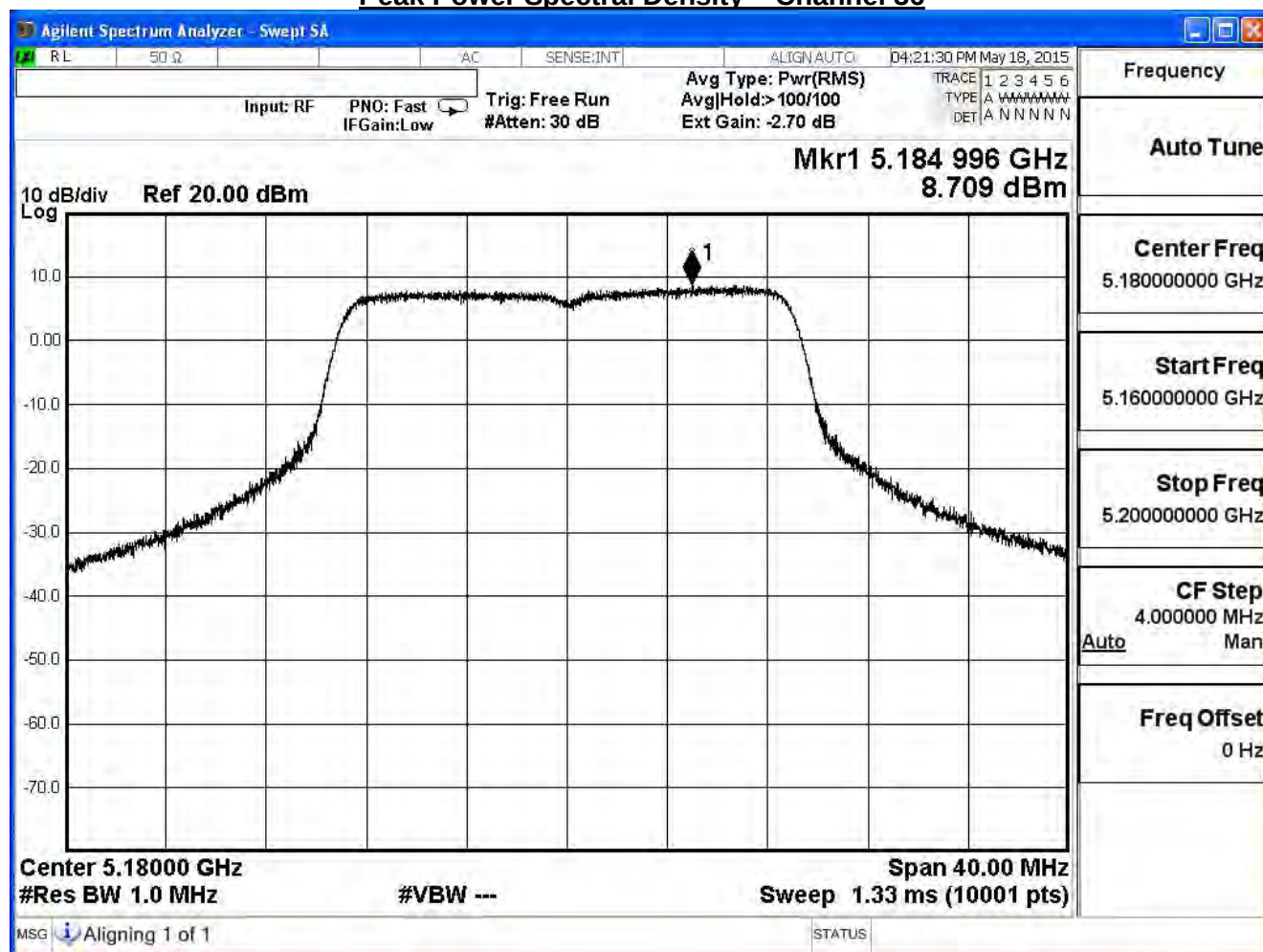
IEEE 802.11a (ANT 0+1+2)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
36	5180	14.422	≤ 13.89	Pass
44	5220	14.454	≤ 13.89	Pass
48	5240	14.638	≤ 13.89	Pass

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

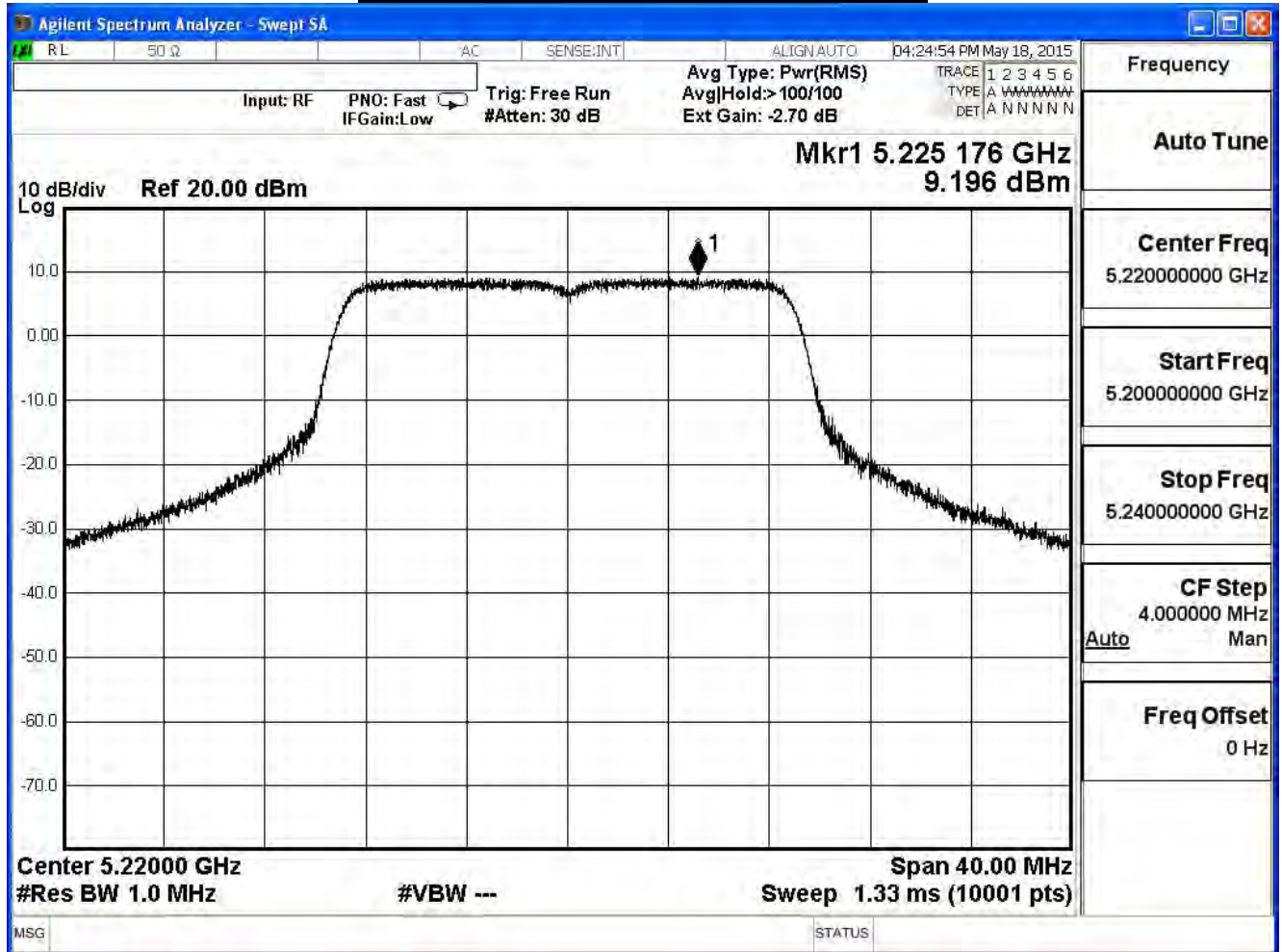
IEEE 802.11n_20M(ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	8.709	≤ 13.89	Pass
44	5220	9.196	≤ 13.89	Pass
48	5240	9.264	≤ 13.89	Pass

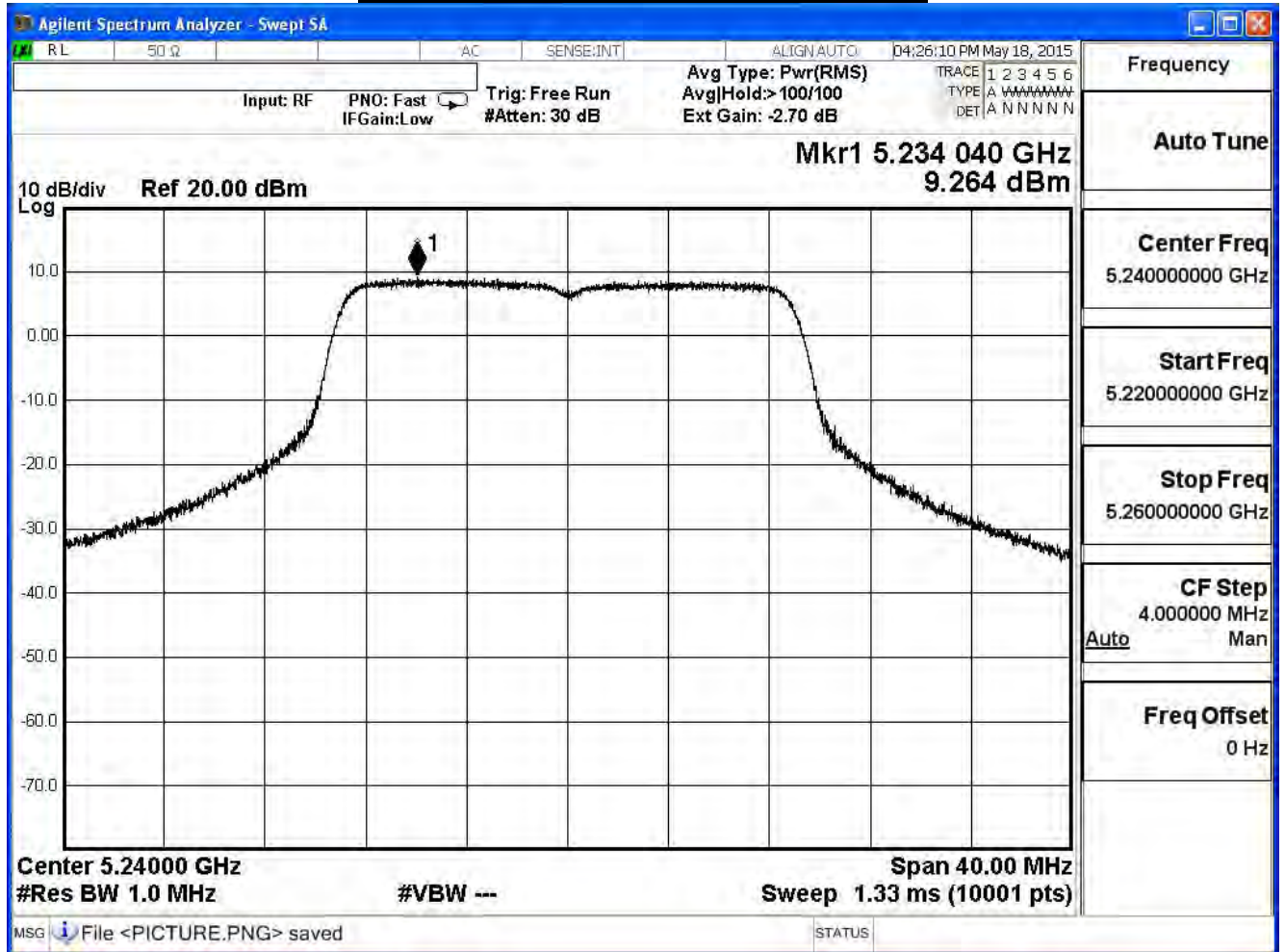
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



Peak Power Spectral Density – Channel 48

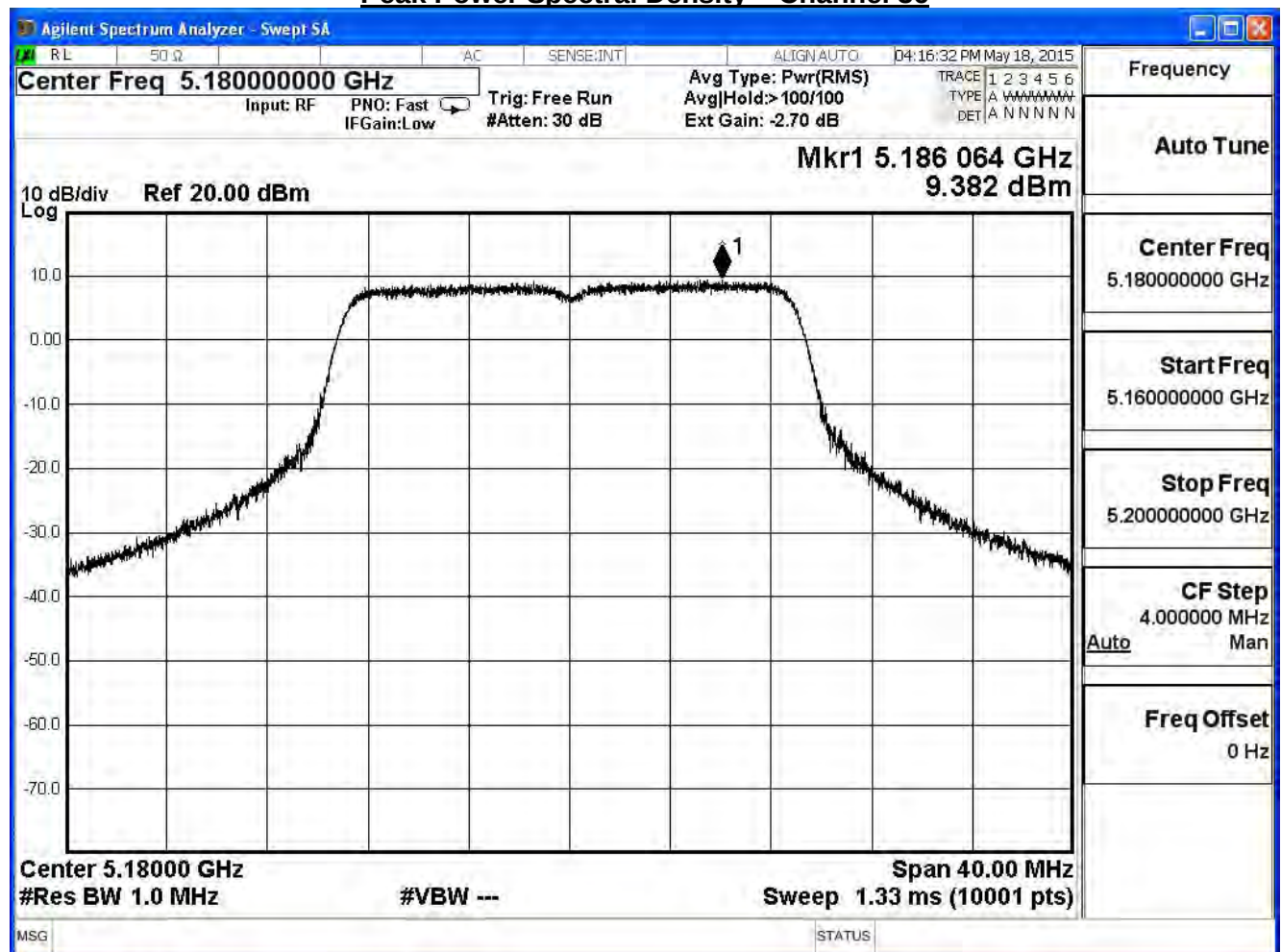


Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

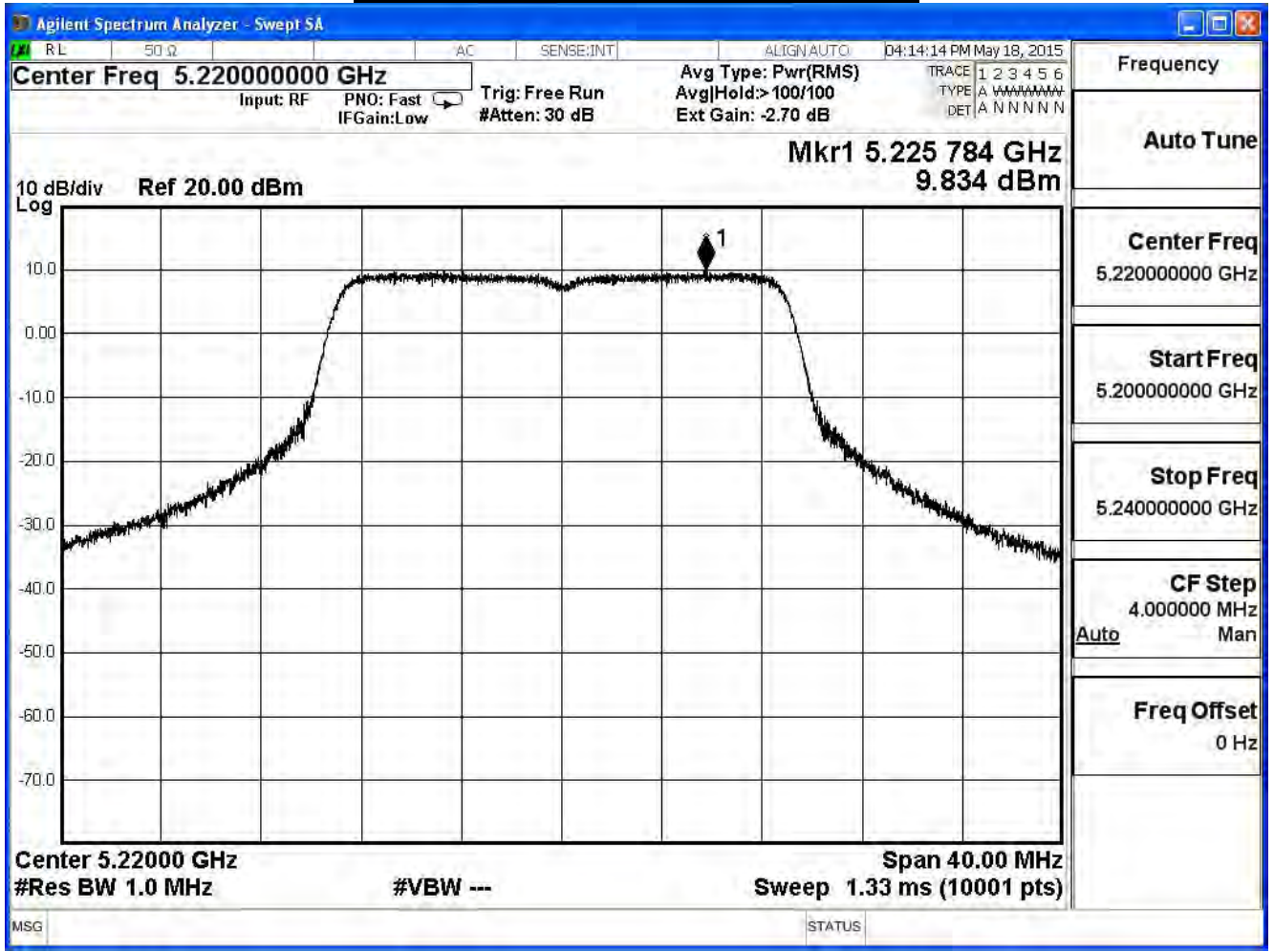
IEEE 802.11n_20M(ANT 1)

Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
36	5180	9.382	≤ 13.89	Pass
44	5220	9.834	≤ 13.89	Pass
48	5240	9.974	≤ 13.89	Pass

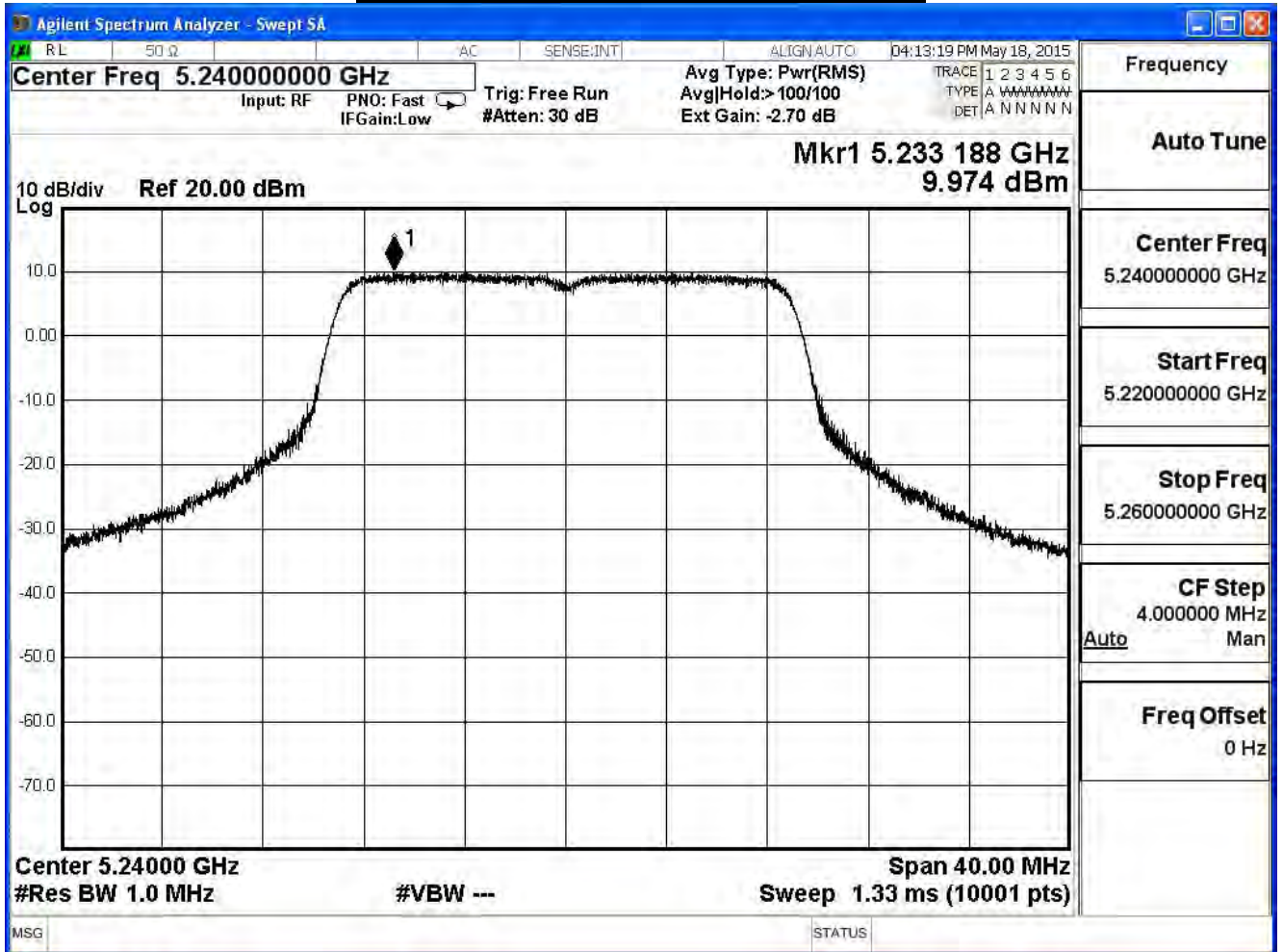
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



Peak Power Spectral Density – Channel 48

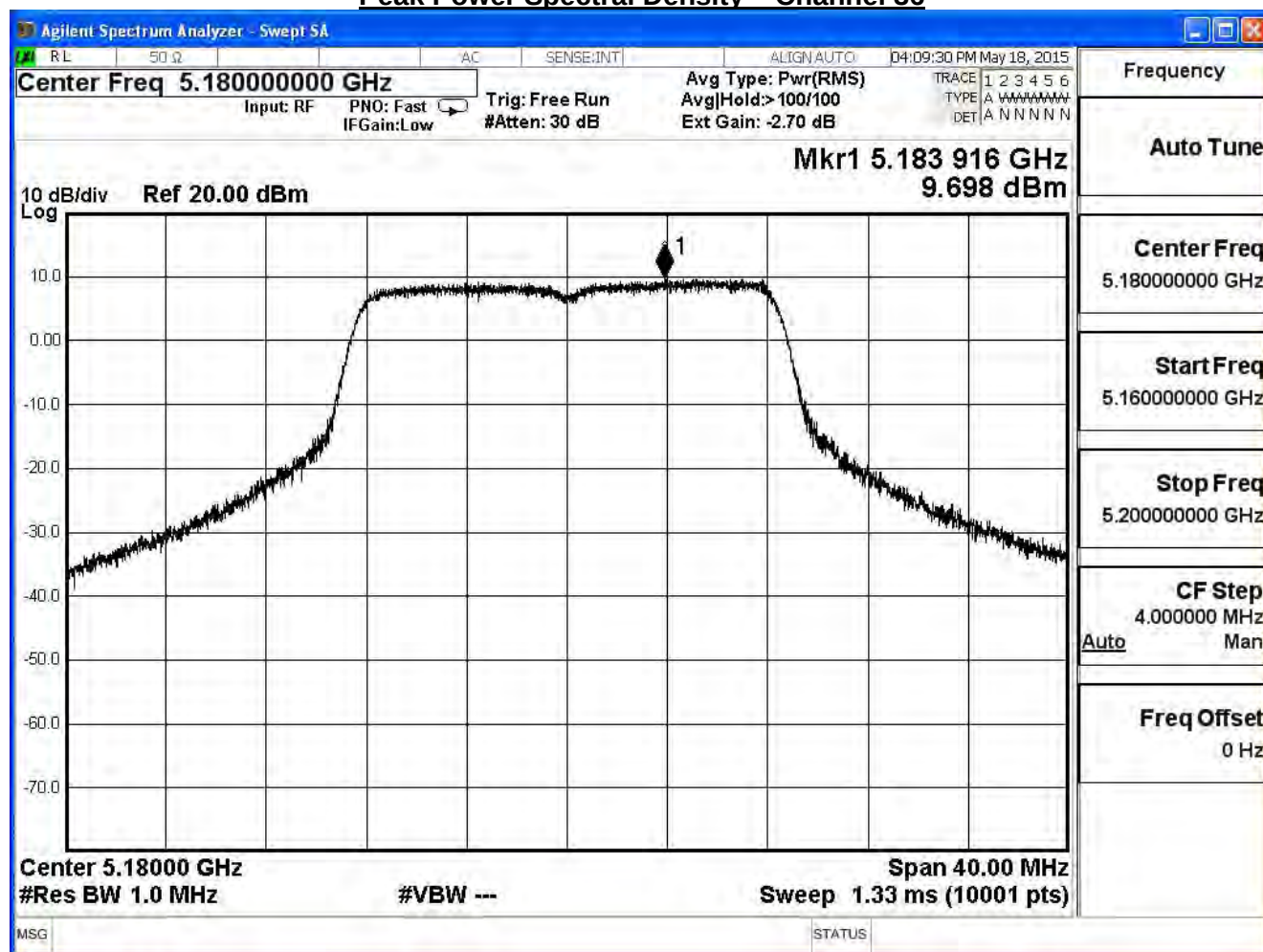


Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

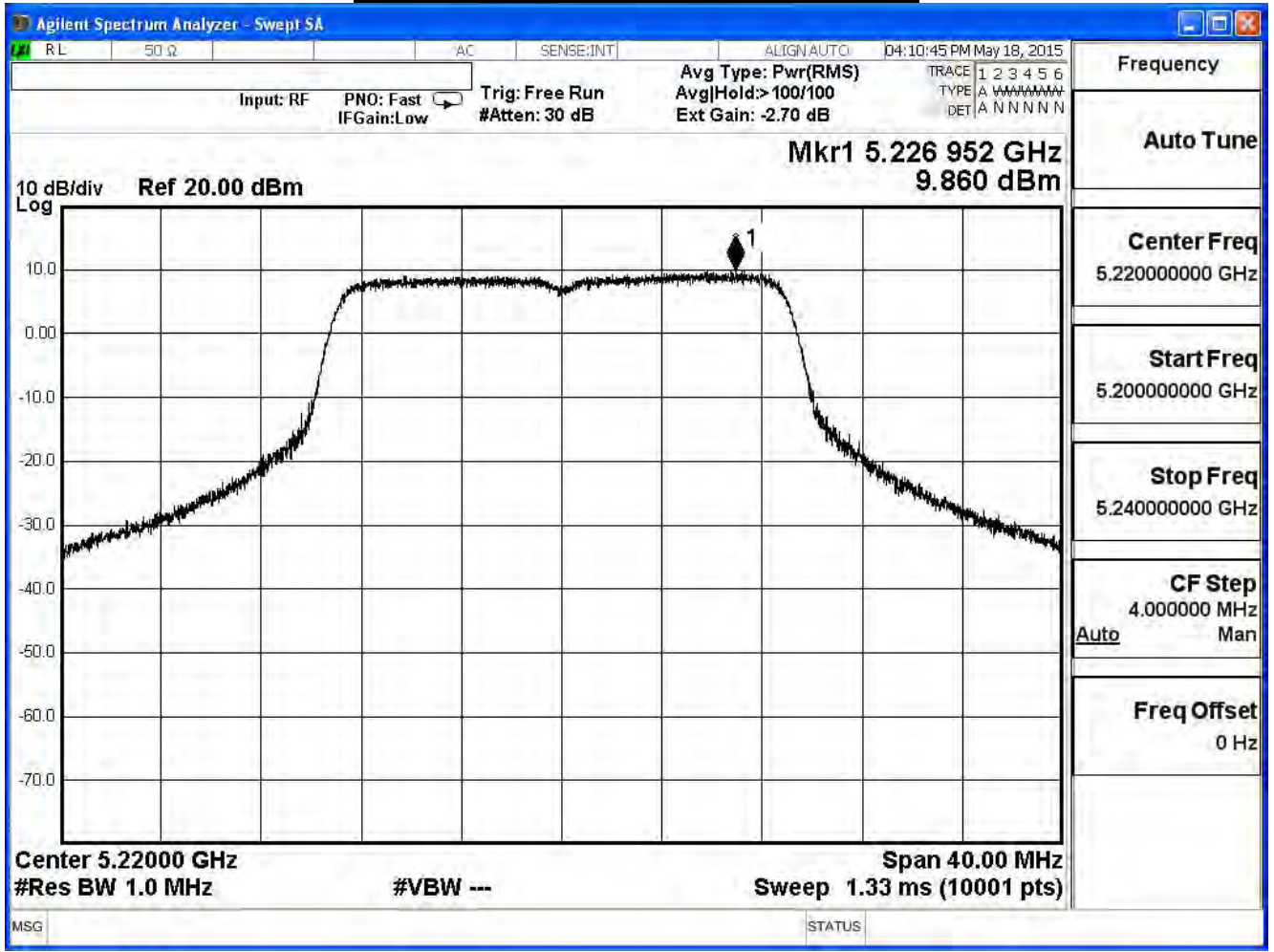
IEEE 802.11n_20M(ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	9.698	≤ 13.89	Pass
44	5220	9.860	≤ 13.89	Pass
48	5240	9.988	≤ 13.89	Pass

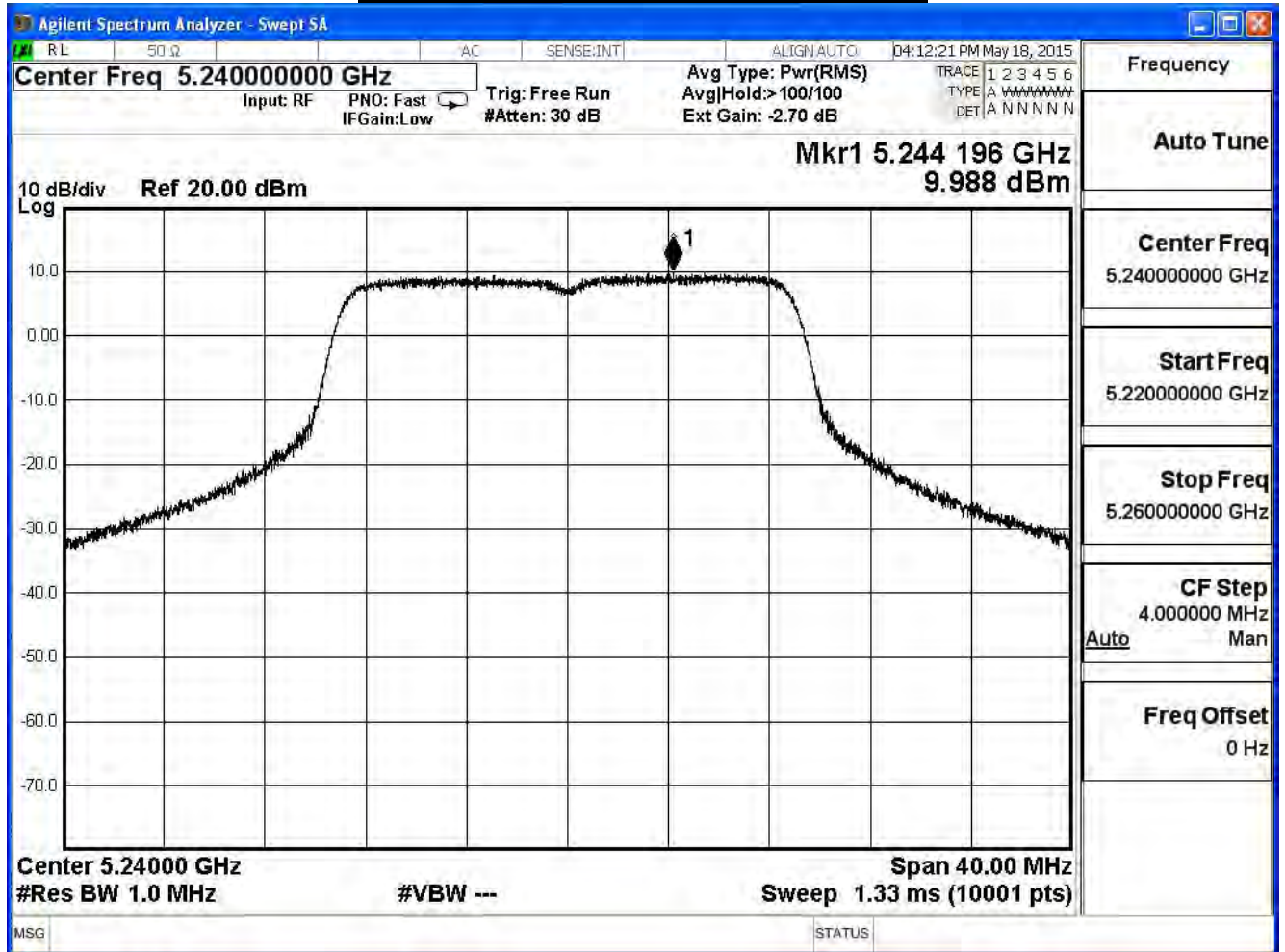
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



Peak Power Spectral Density – Channel 48



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

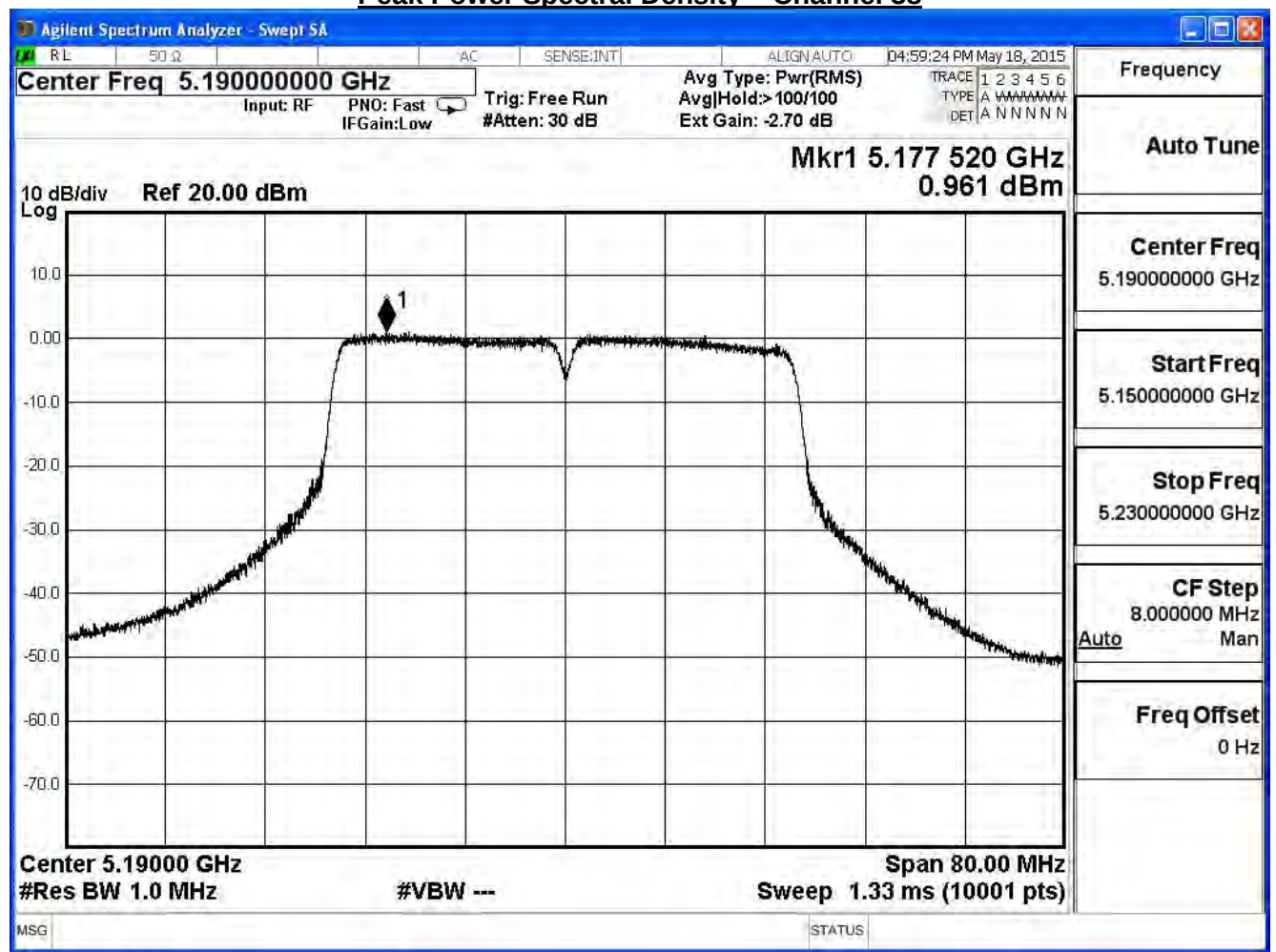
IEEE 802.11n_20M(ANT 0+1+2)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
36	5180	14.054	≤ 13.89	Pass
44	5220	14.412	≤ 13.89	Pass
48	5240	14.526	≤ 13.89	Pass

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

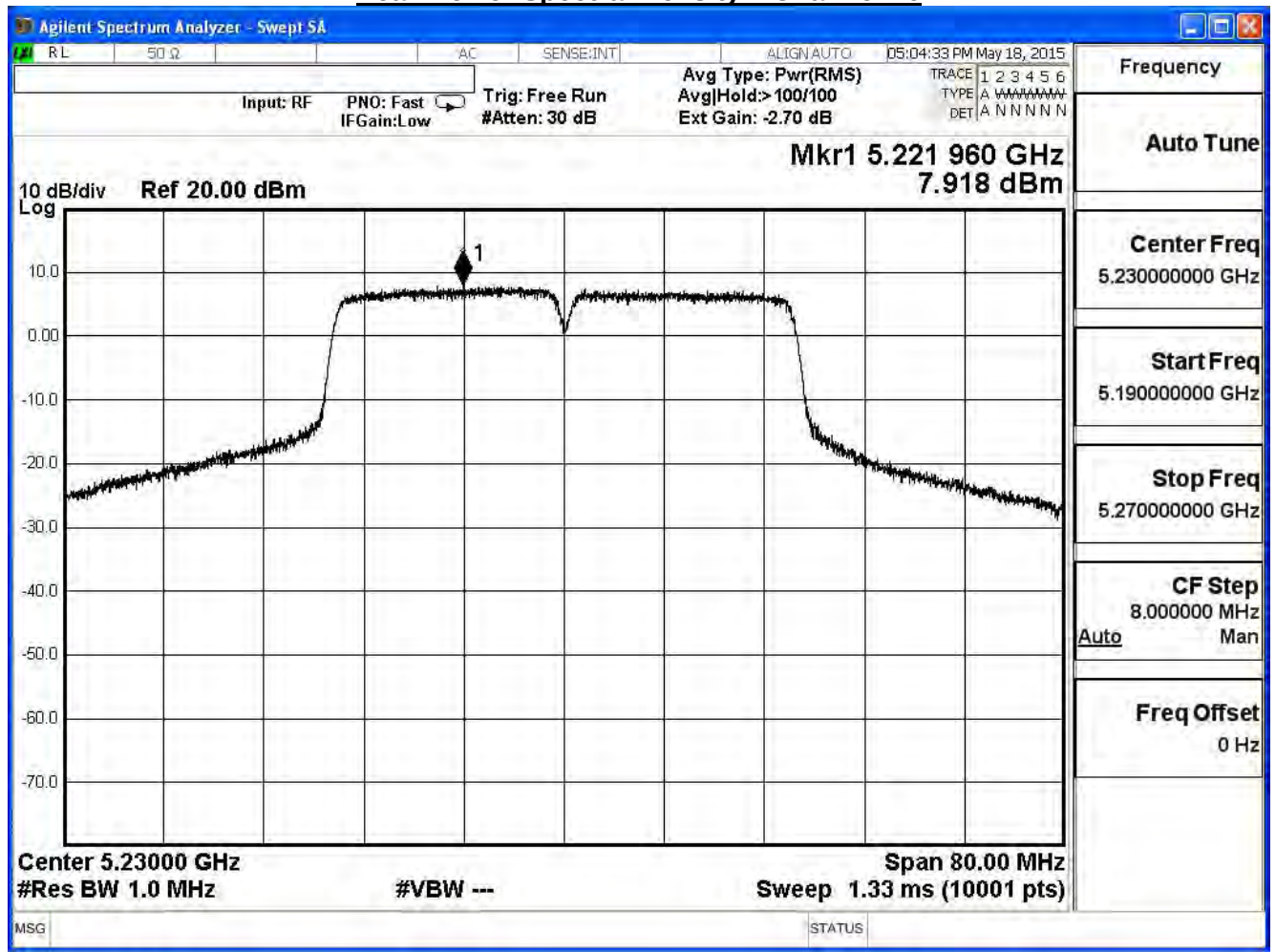
IEEE 802.11n_40M(ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
38	5190	0.961	≤ 13.89
46	5230	7.918	≤ 13.89

Peak Power Spectral Density – Channel 38



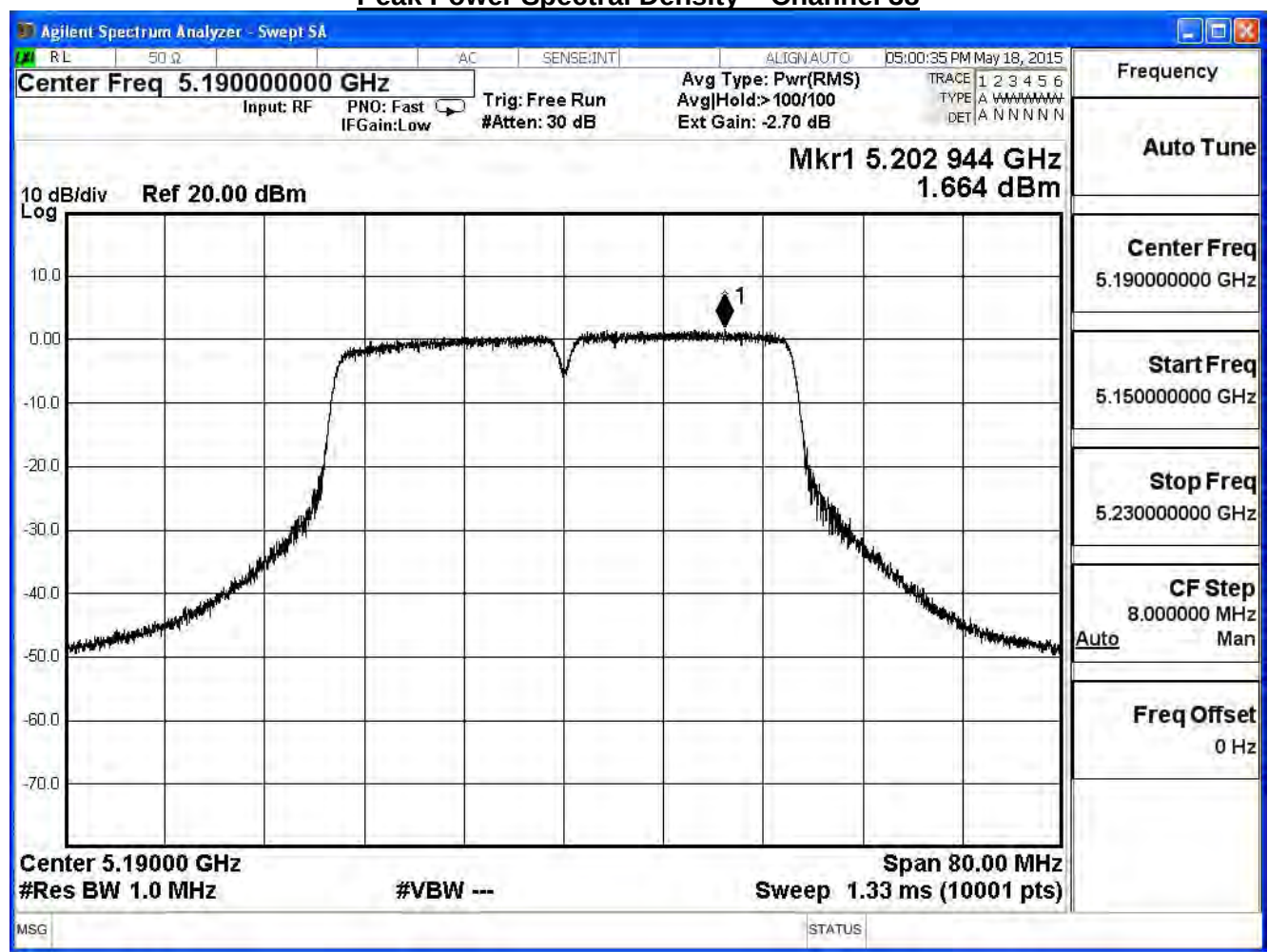
Peak Power Spectral Density – Channel 46



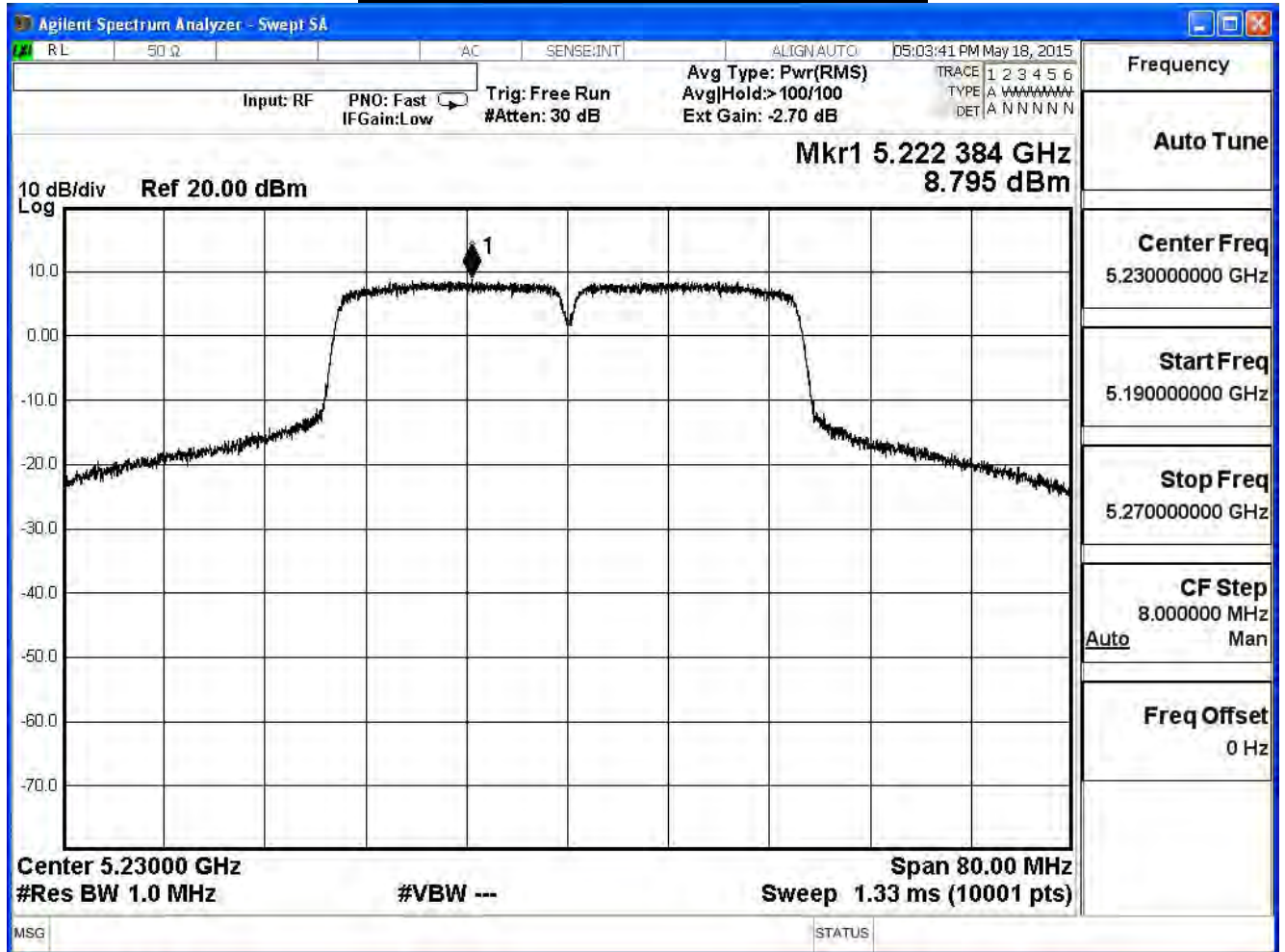
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11n_40M(ANT 1)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
38	5190	1.664	≤ 13.89	Pass
46	5230	8.795	≤ 13.89	Pass

Peak Power Spectral Density – Channel 38



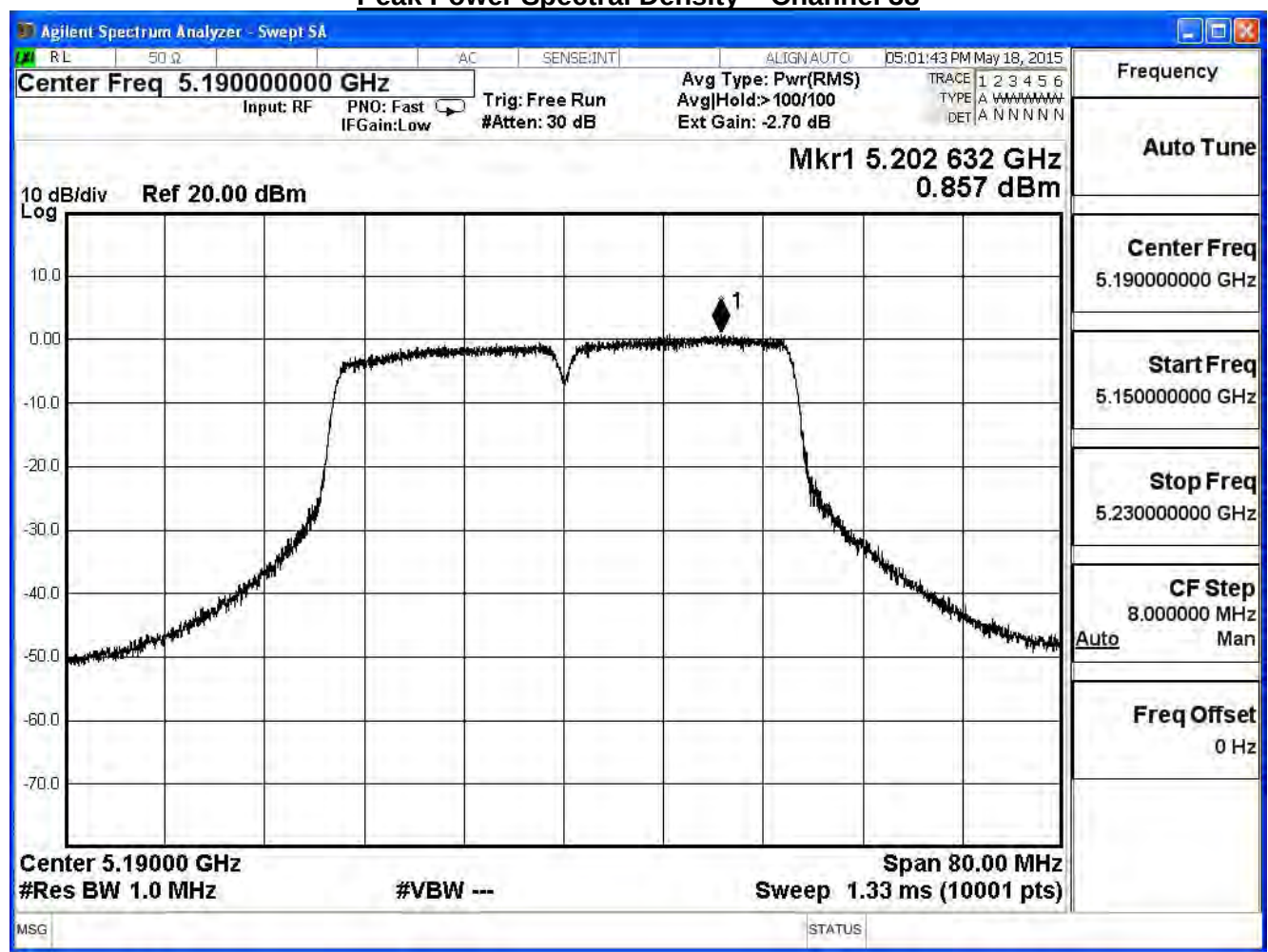
Peak Power Spectral Density – Channel 46



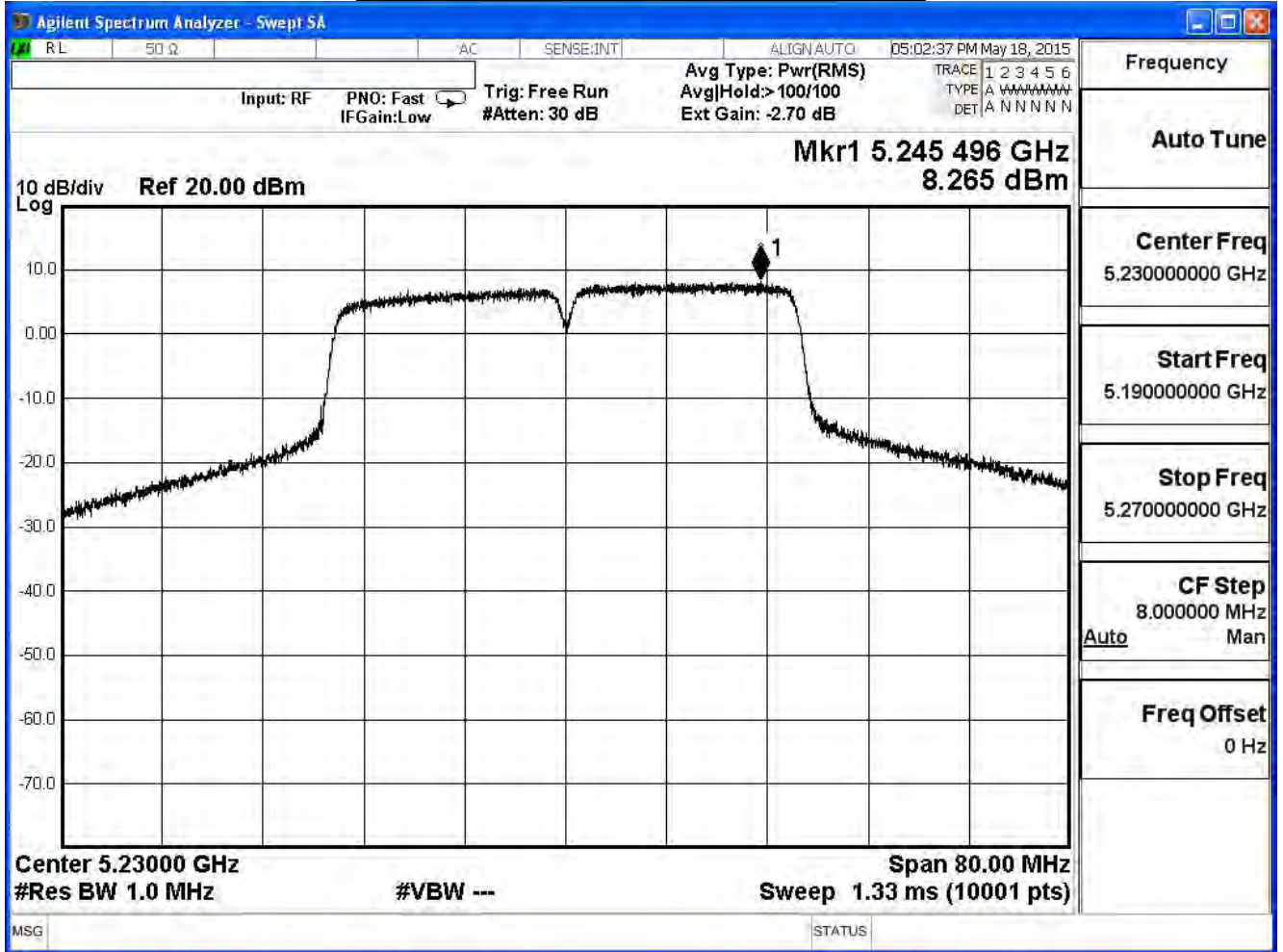
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11n_40M(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
38	5190	0.857	≤ 13.89	Pass
46	5230	8.265	≤ 13.89	Pass

Peak Power Spectral Density – Channel 38



Peak Power Spectral Density – Channel 46



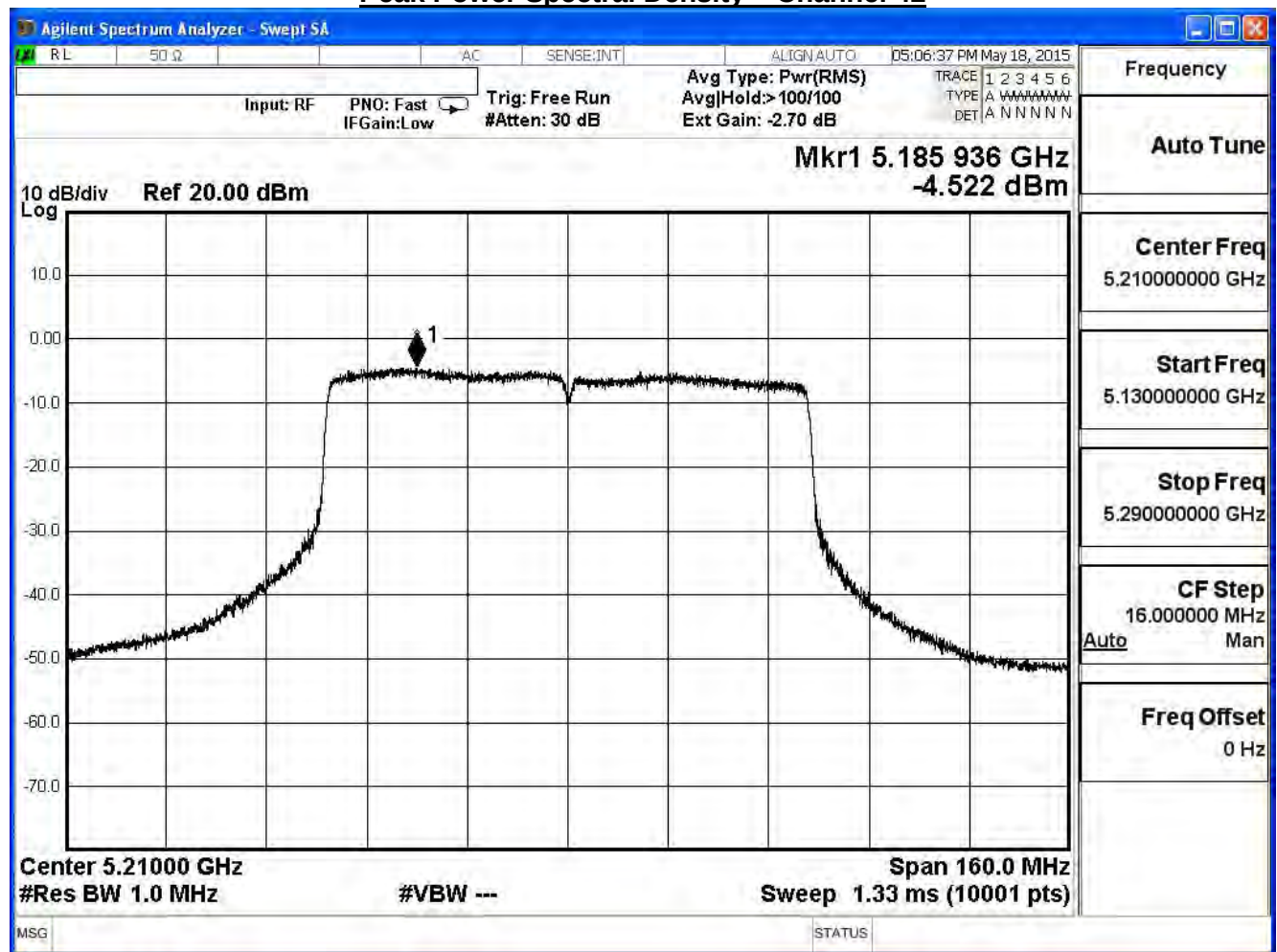
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11n_40M(ANT 0+1+2)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
38	5190	5.947	≤ 13.89	Pass
46	5230	13.112	≤ 13.89	Pass

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11ac_80M(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
42	5210	-4.522	≤ 13.89	Pass

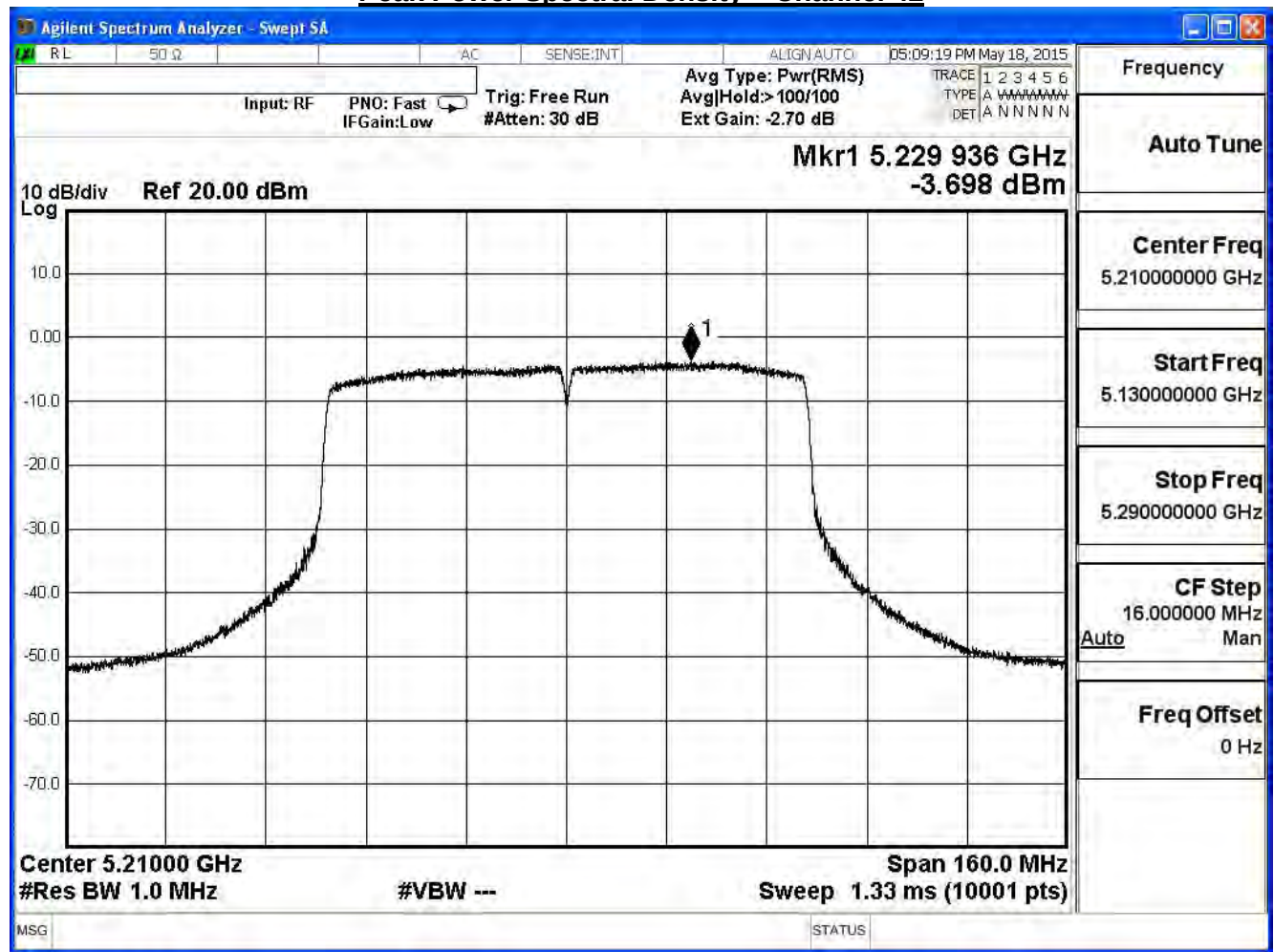
Peak Power Spectral Density – Channel 42



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11ac_80M(ANT 1)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
42	5210	-3.698	≤ 13.89	Pass

Peak Power Spectral Density – Channel 42

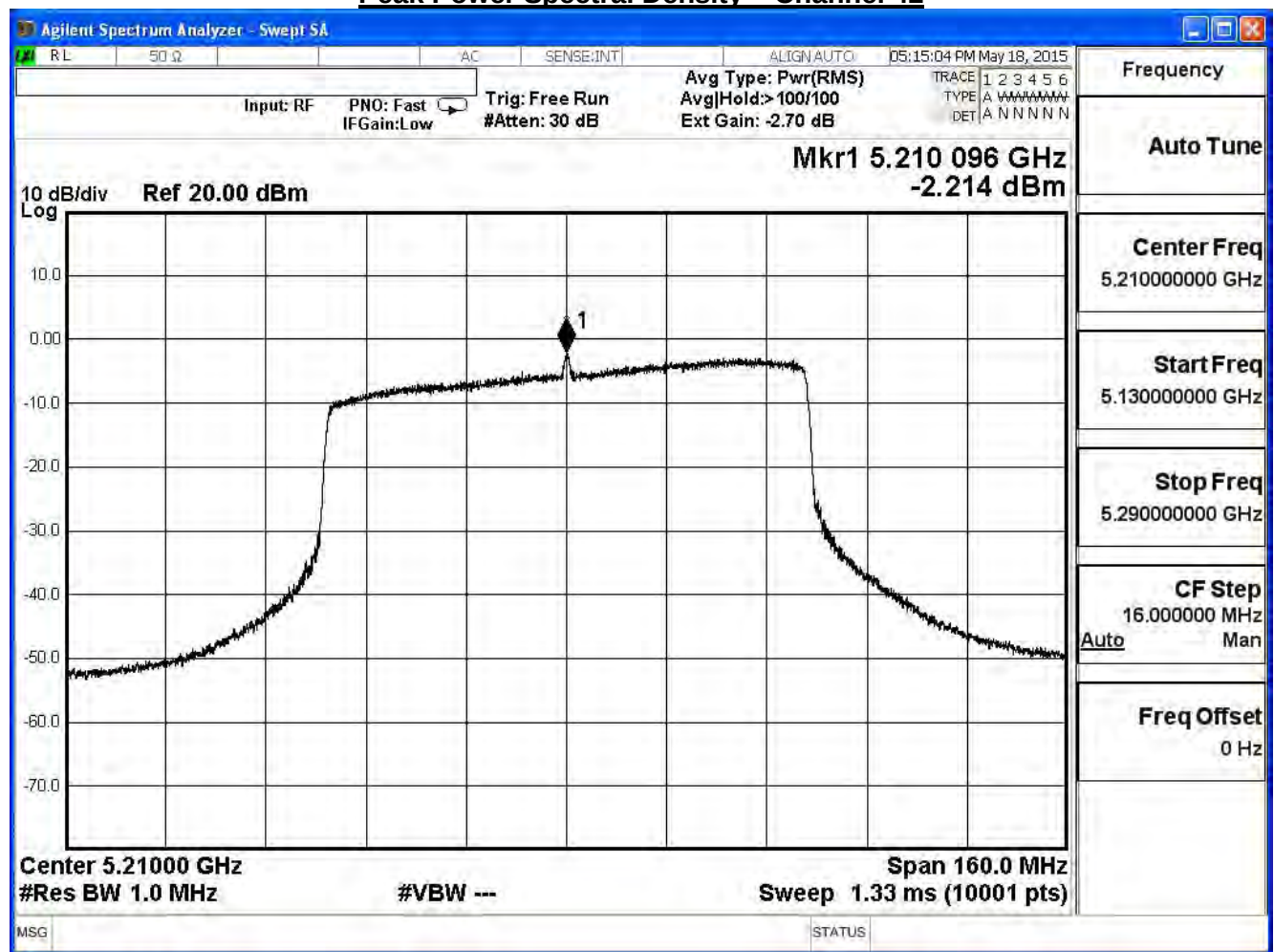


Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11ac_80M(ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
42	5210	-2.214	≤ 13.89	Pass

Peak Power Spectral Density – Channel 42



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/19	Test Site	SR7

IEEE 802.11ac_80M(ANT 0+1+2)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
42	5210	1.400	≤ 13.89	Pass