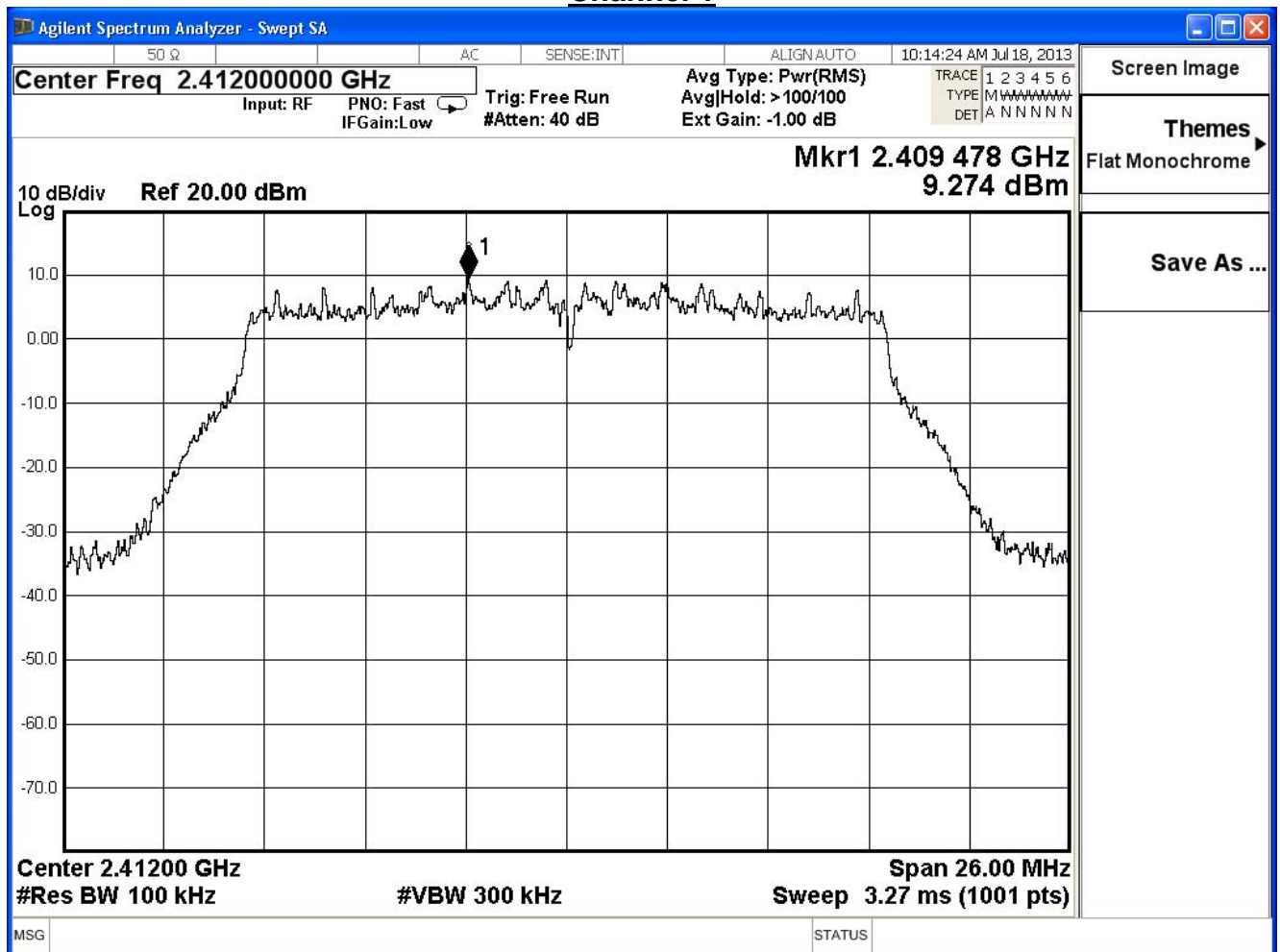


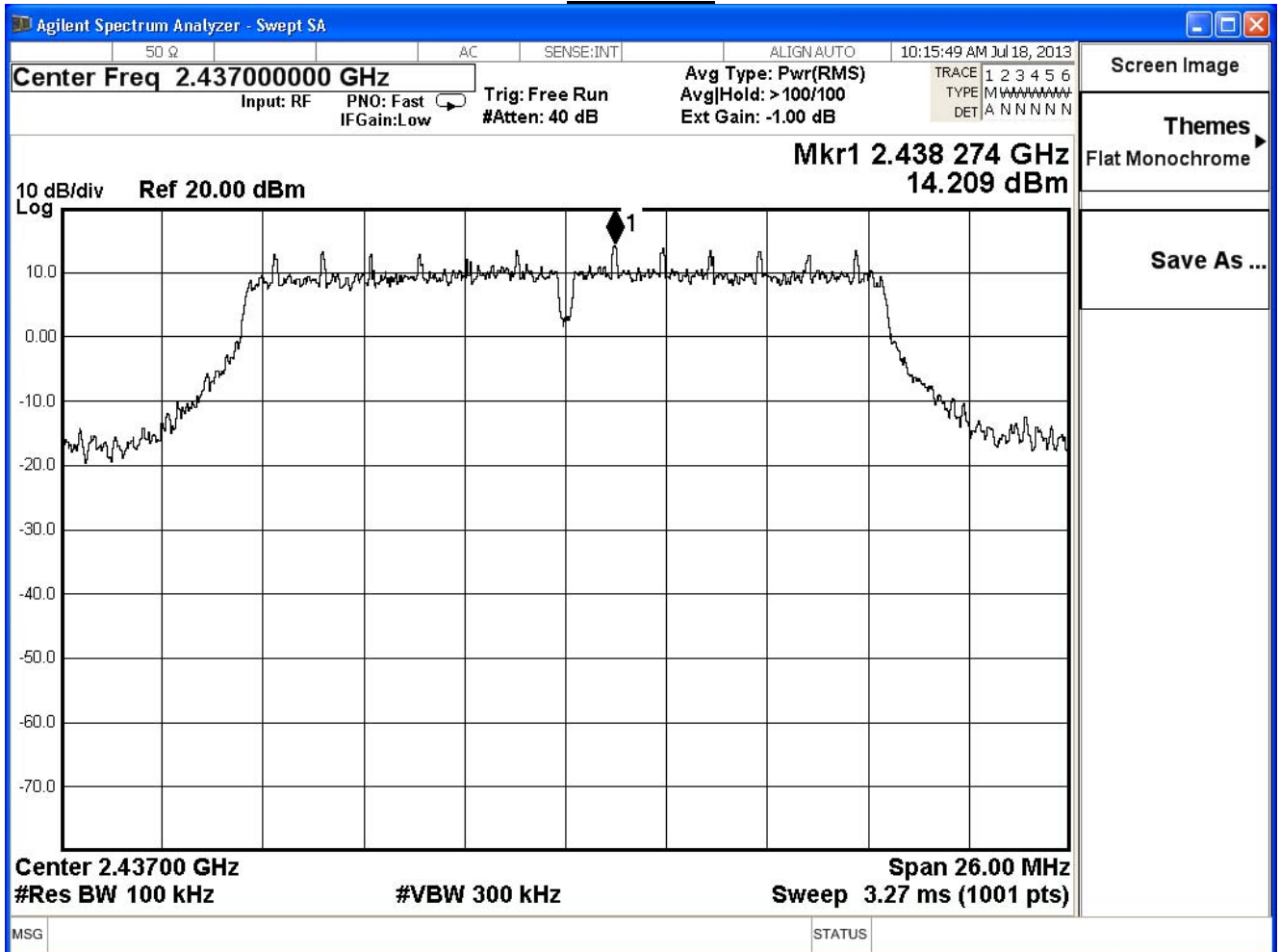
Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE 802.11g					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement (dBm)	Limit (dBm)	Result
1	2412	9.27	-5.93	≤ 8	Pass
6	2437	14.20	-1.00	≤ 8	Pass
11	2462	7.07	-8.13	≤ 8	Pass

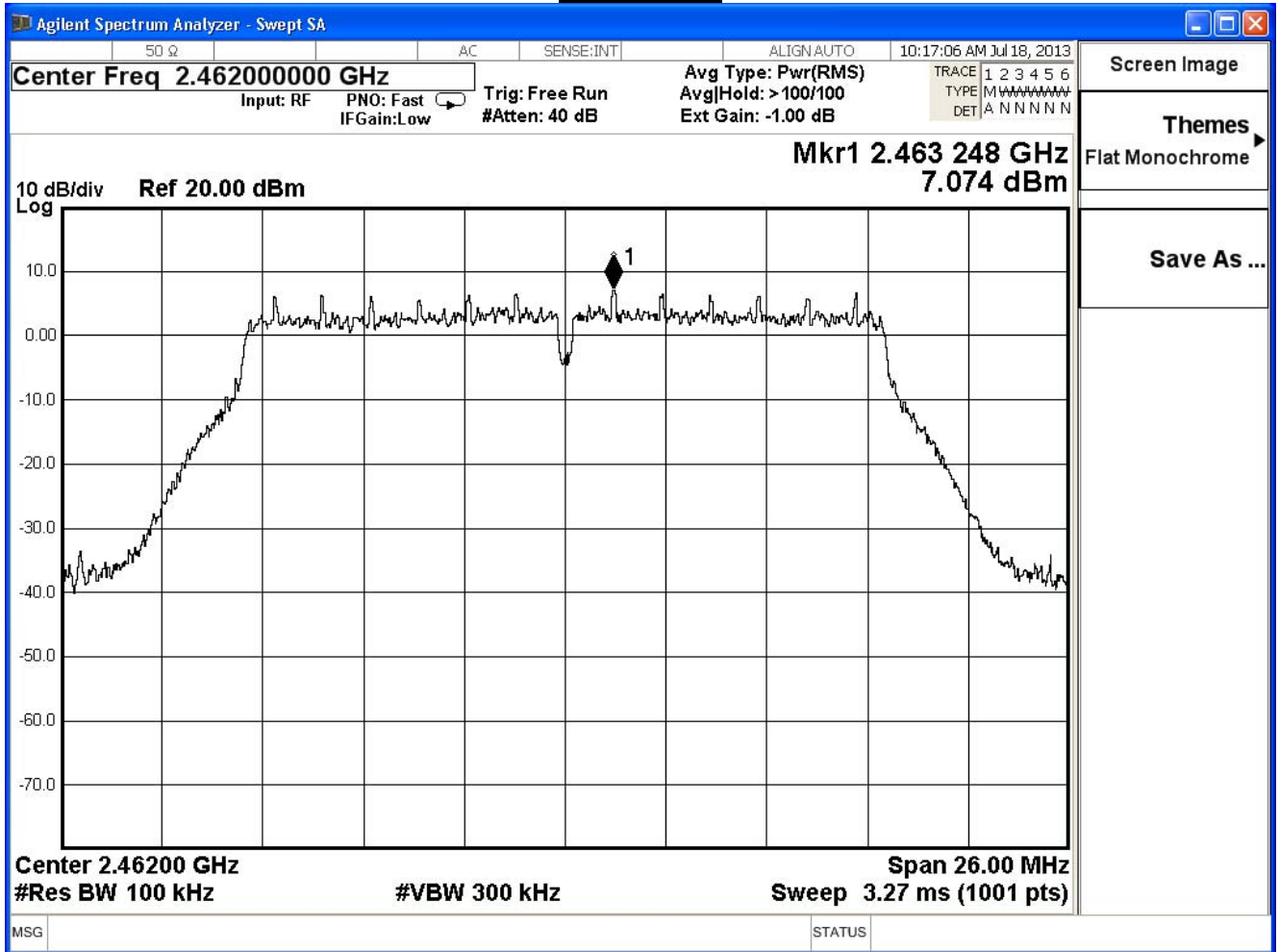
Channel 1



Channel 6



Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

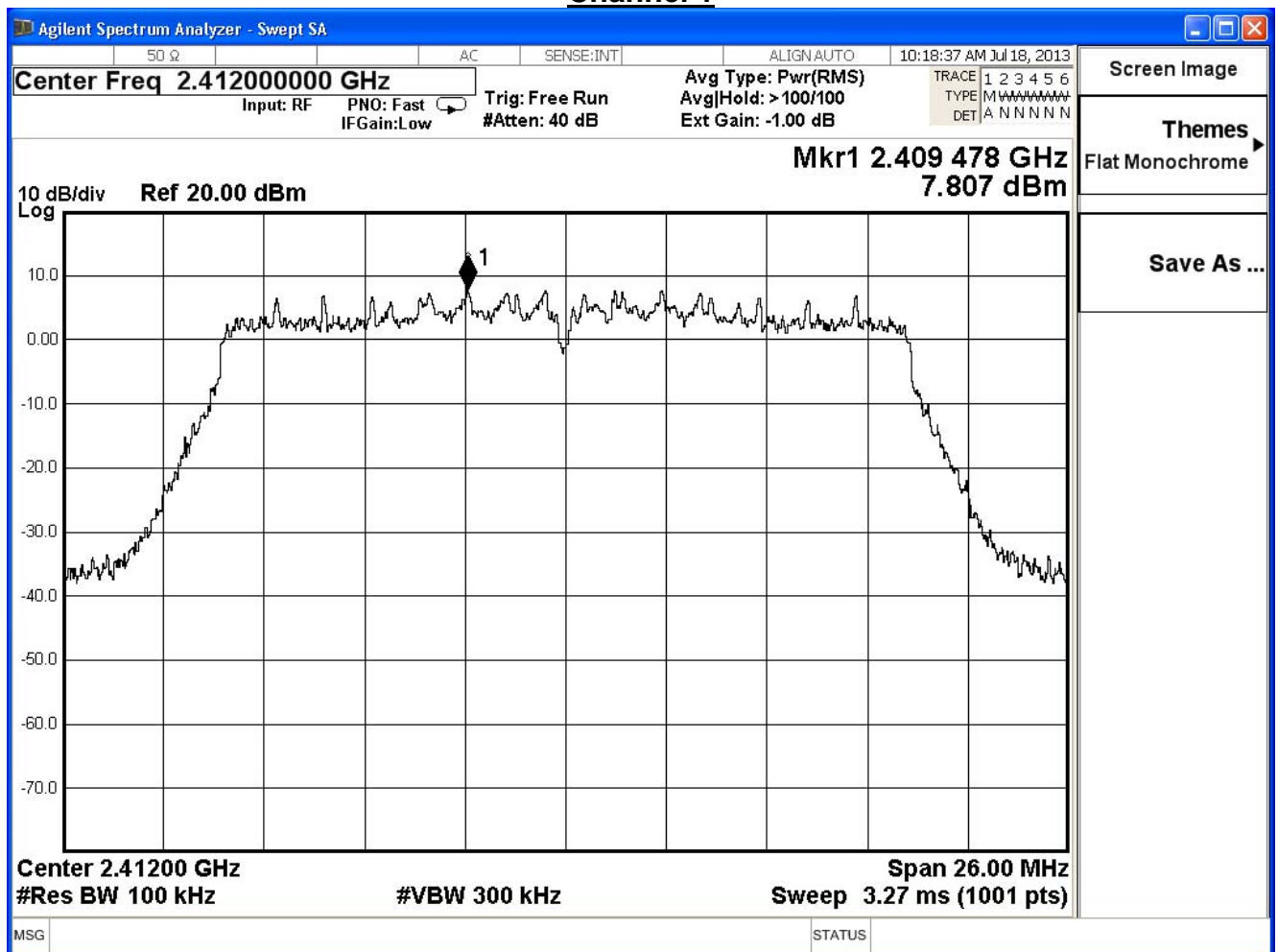
IEEE802.11n_20MHz_(ANT 0)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	7.80	-7.40	≤7.32	Pass
6	2437	12.82	-2.38	≤7.32	Pass
11	2462	6.29	-8.91	≤61.8	Pass

Note:

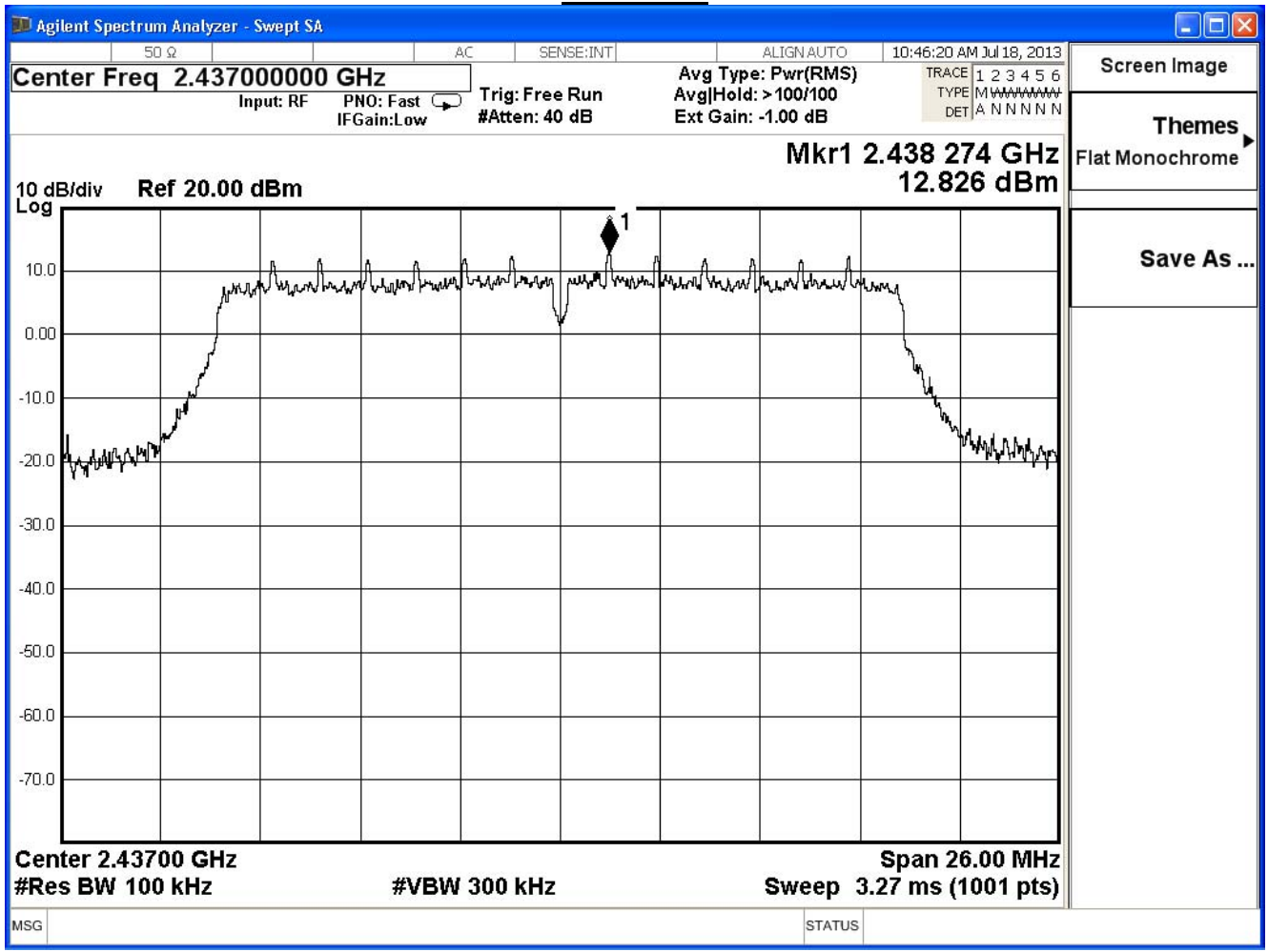
Total Gain : $10\log(3) + \text{max Gain} = 6.68\text{dBi}$

Required Limit = $8\text{dBm} - (6.68\text{dBi} - 6\text{dBi}) = 7.32\text{ dBm}$

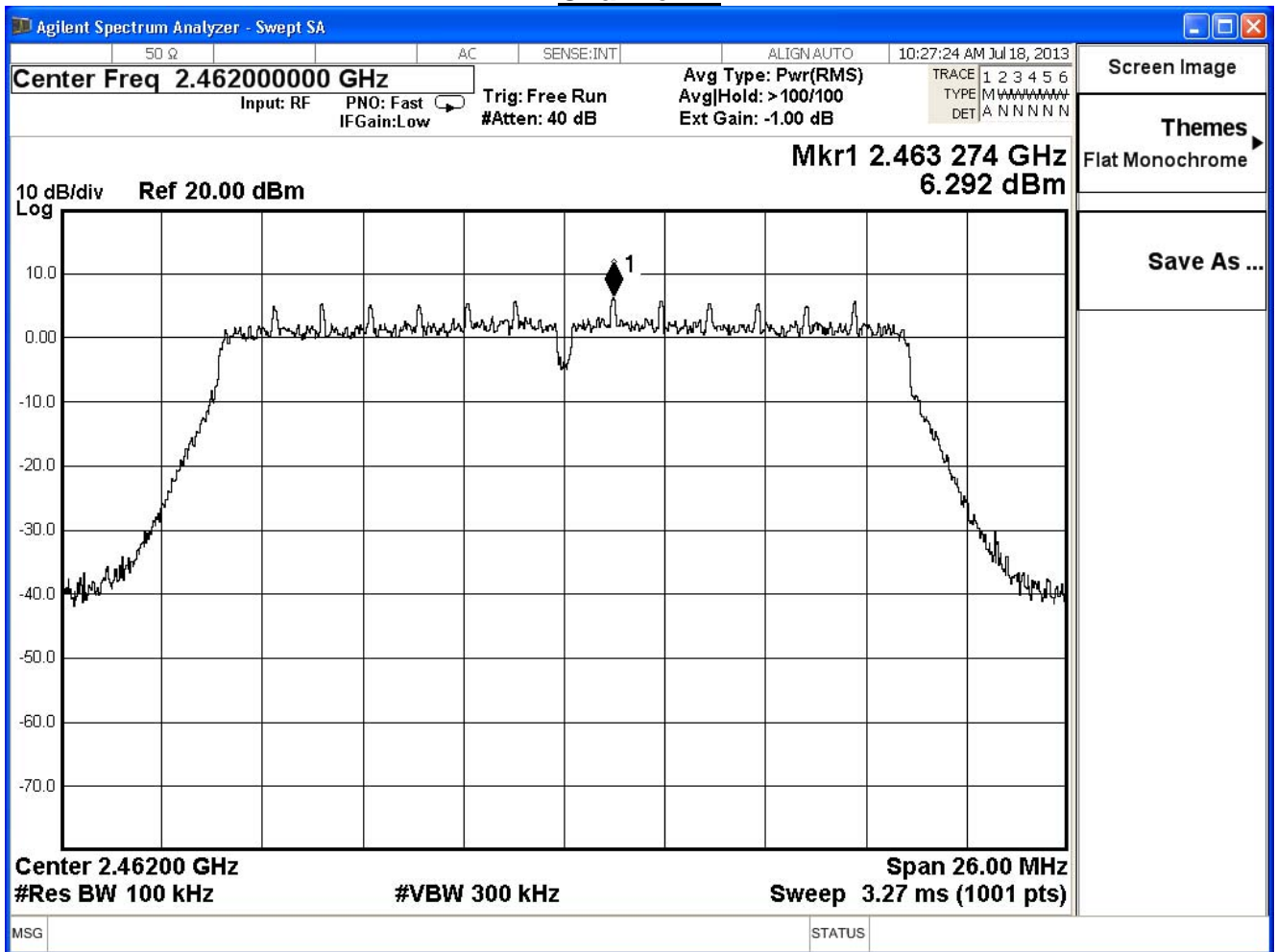
Channel 1



Channel 6



Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

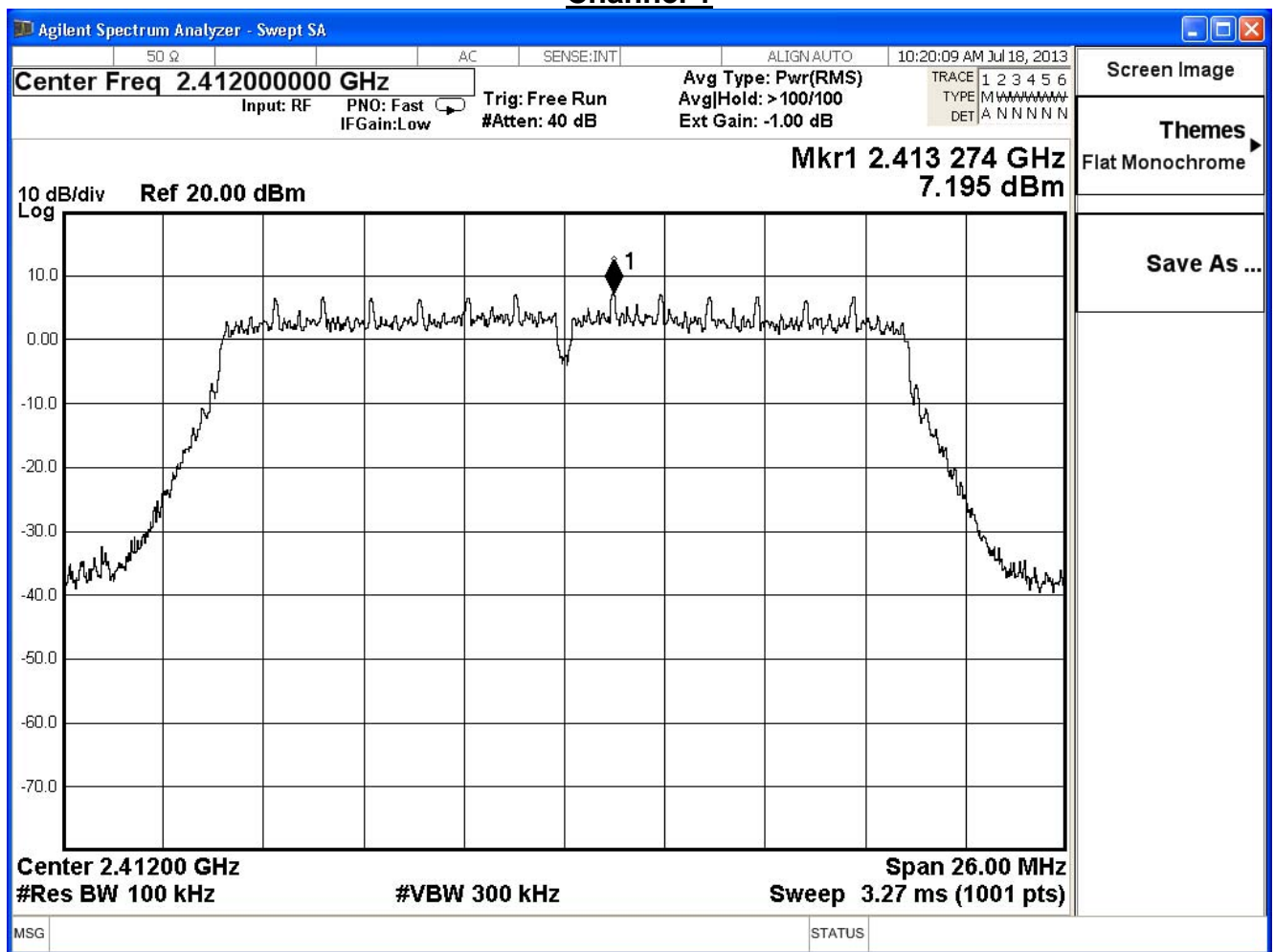
IEEE802.11n_20MHz_(ANT 1)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement (dBm)	Limit (dBm)	Result
1	2412	7.19	-8.01	≤ 7.32	Pass
6	2437	12.00	-3.20	≤ 7.32	Pass
11	2462	6.47	-8.73	≤ 7.32	Pass

Note:

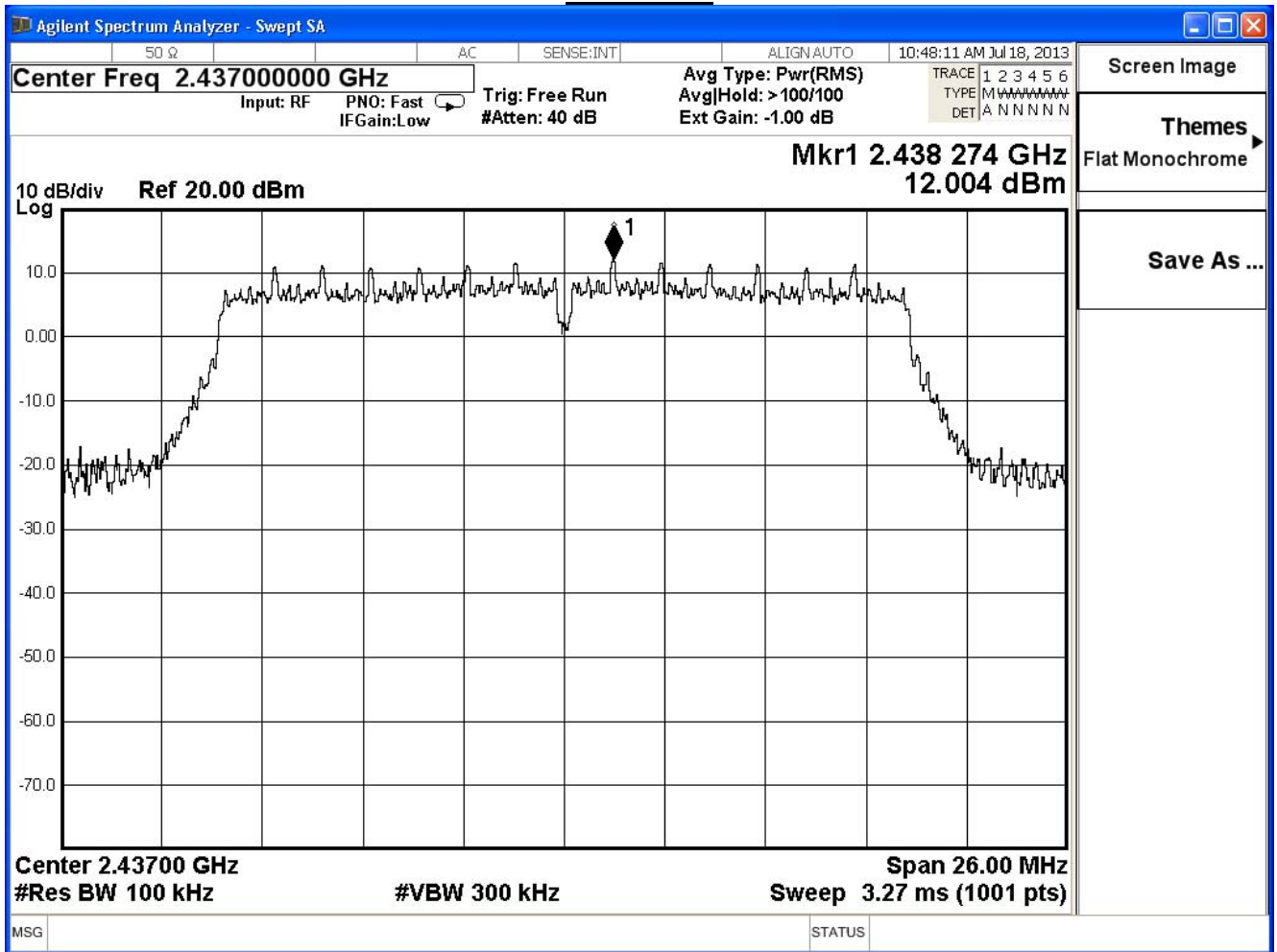
Total Gain : $10\log(3) + \text{max Gain} = 6.68\text{dBi}$

Required Limit = $8\text{dBm} - (6.68\text{dBi} - 6\text{dBi}) = 7.32\text{ dBm}$

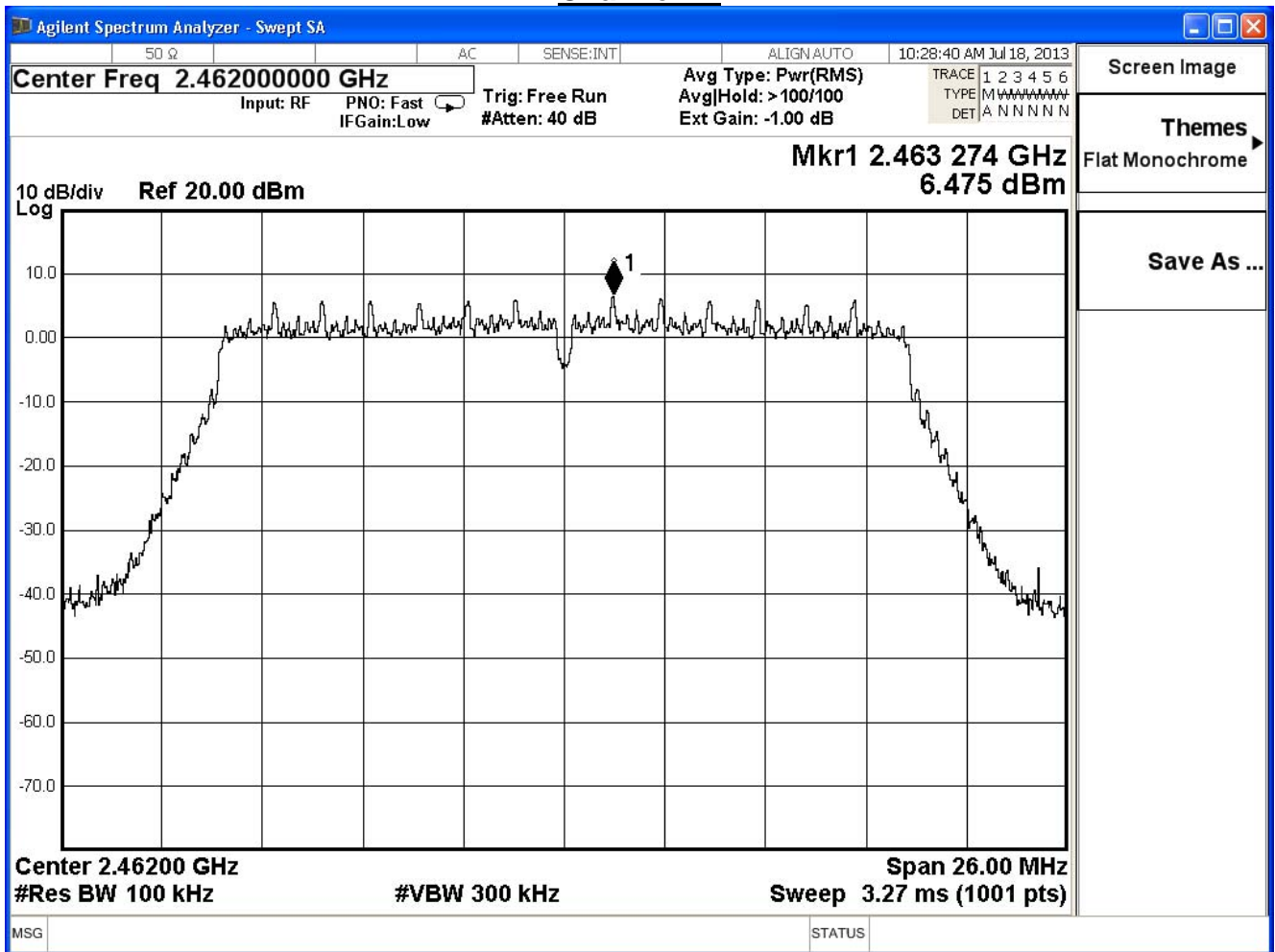
Channel 1



Channel 6



Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

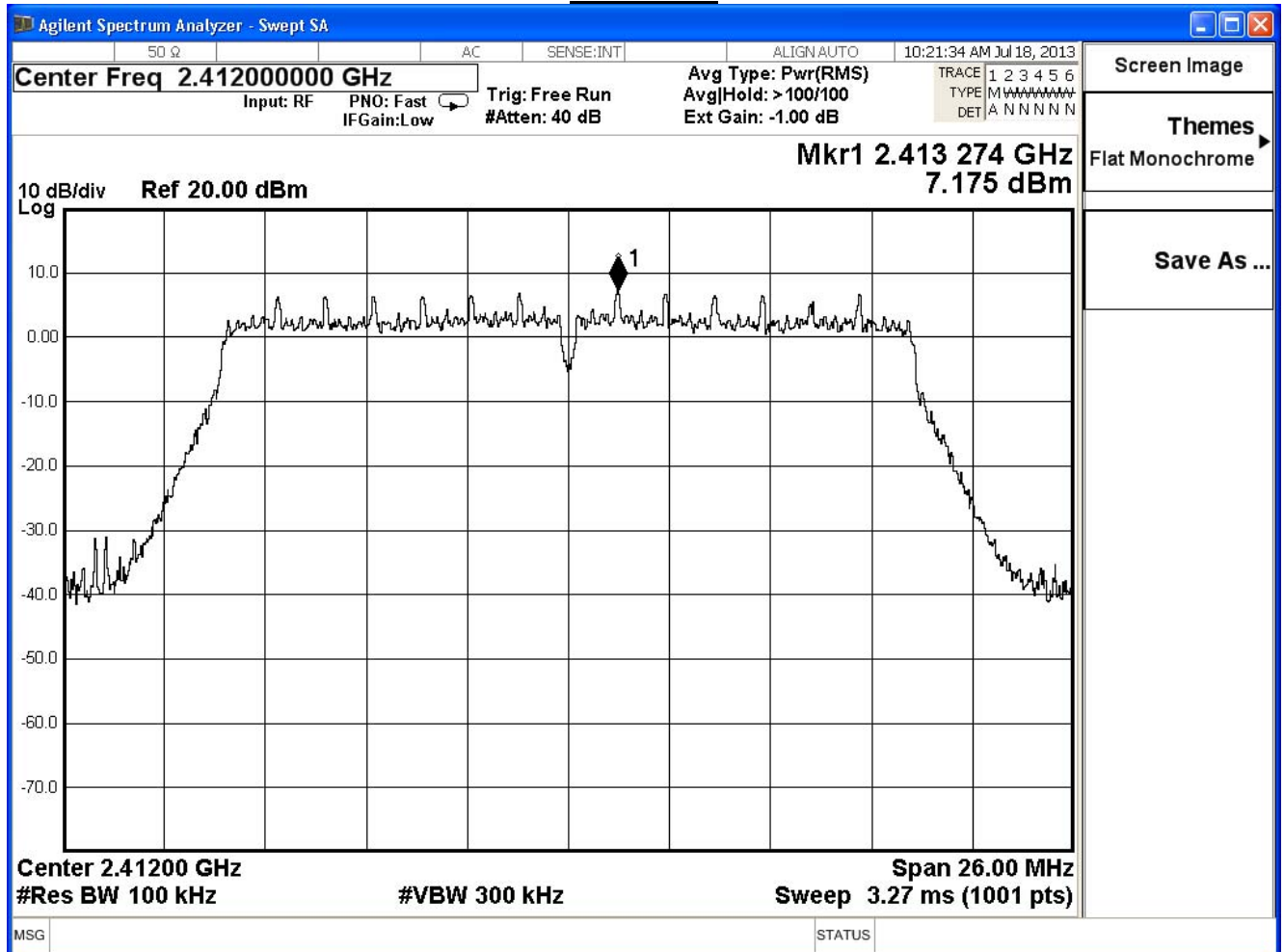
IEEE802.11n_20MHz_(ANT 2)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement (dBm)	Limit (dBm)	Result
1	2412	7.17	-8.03	≤ 7.32	Pass
6	2437	11.88	-3.32	≤ 7.32	Pass

Note:

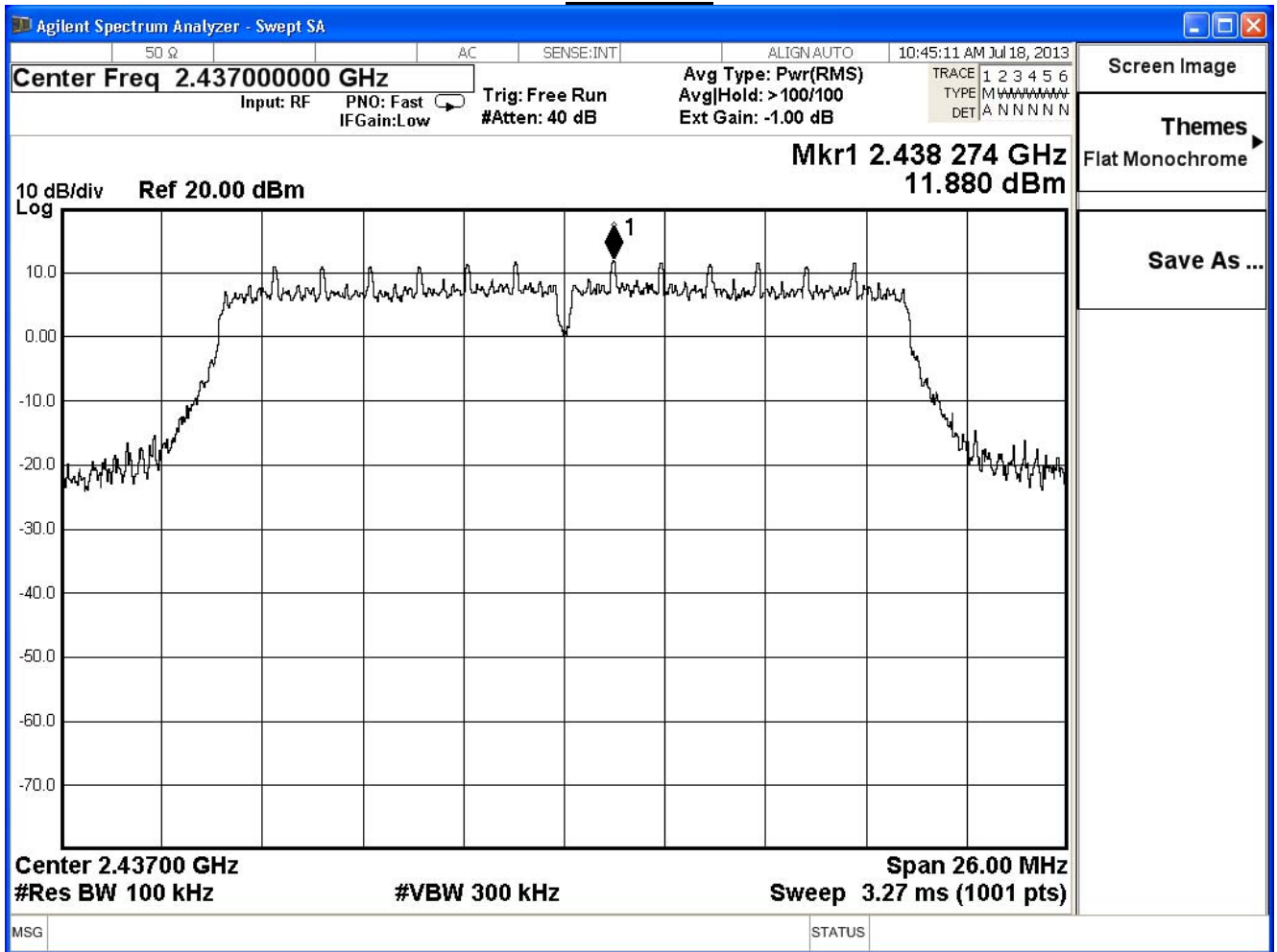
Total Gain : $10\log(3) + \text{max Gain} = 6.68\text{dBi}$

Required Limit = $8\text{dBm} - (6.68\text{dBi} - 6\text{dBi}) = 7.32\text{ dBm}$

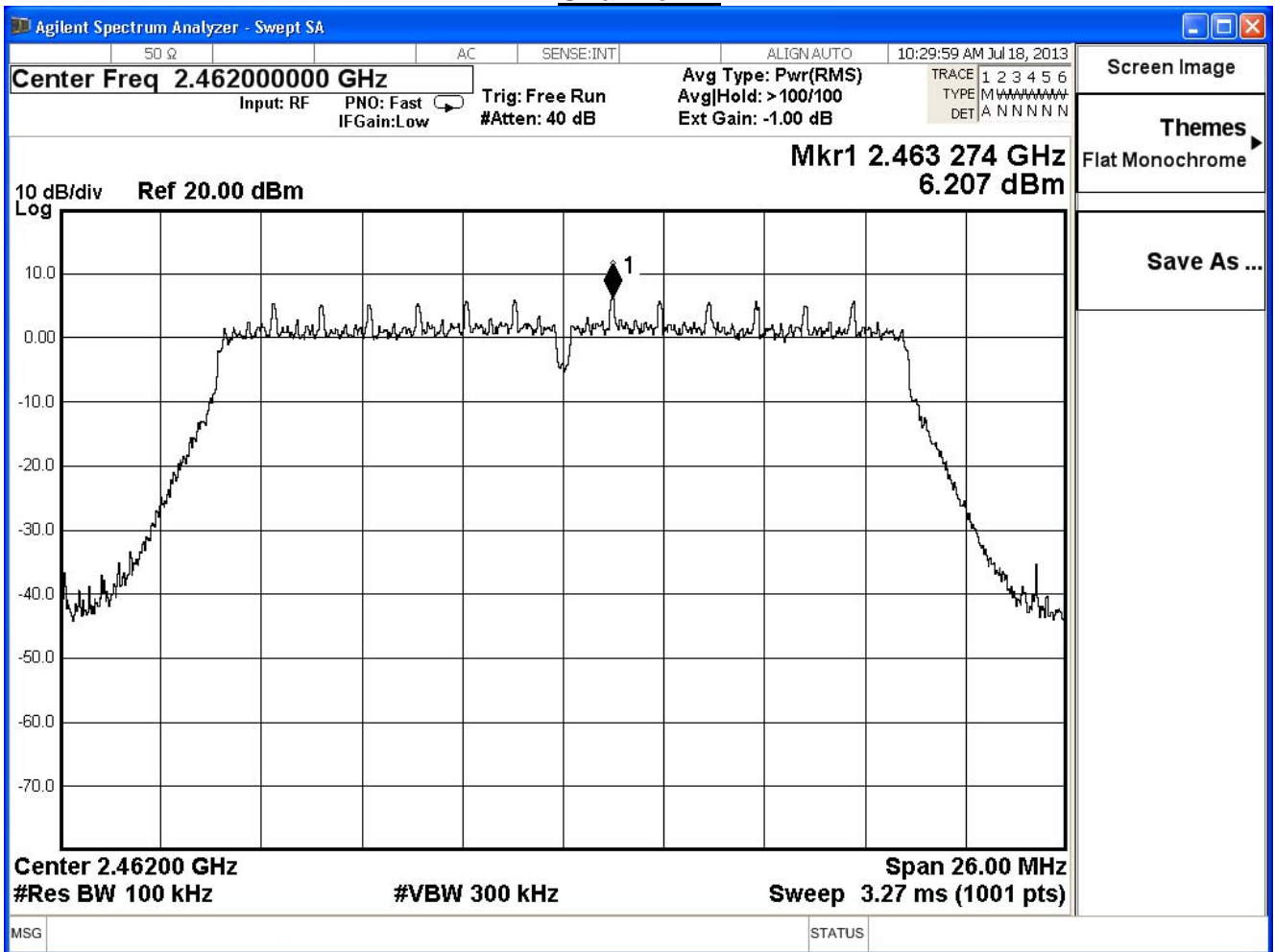
Channel 1



Channel 6



Channel 11



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE802.11n 20MHz (ANT 0+1+2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-3.03	≤ 7.32	Pass
6	2437	1.83	≤ 7.32	Pass
11	2462	-4.11	≤ 7.32	Pass

Note:

Total Gain : $10\log(3) + \text{max Gain} = 6.68\text{dBi}$

Required Limit = $8\text{dBm} - (6.68\text{dBi} - 6\text{dBi}) = 7.32\text{ dBm}$

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

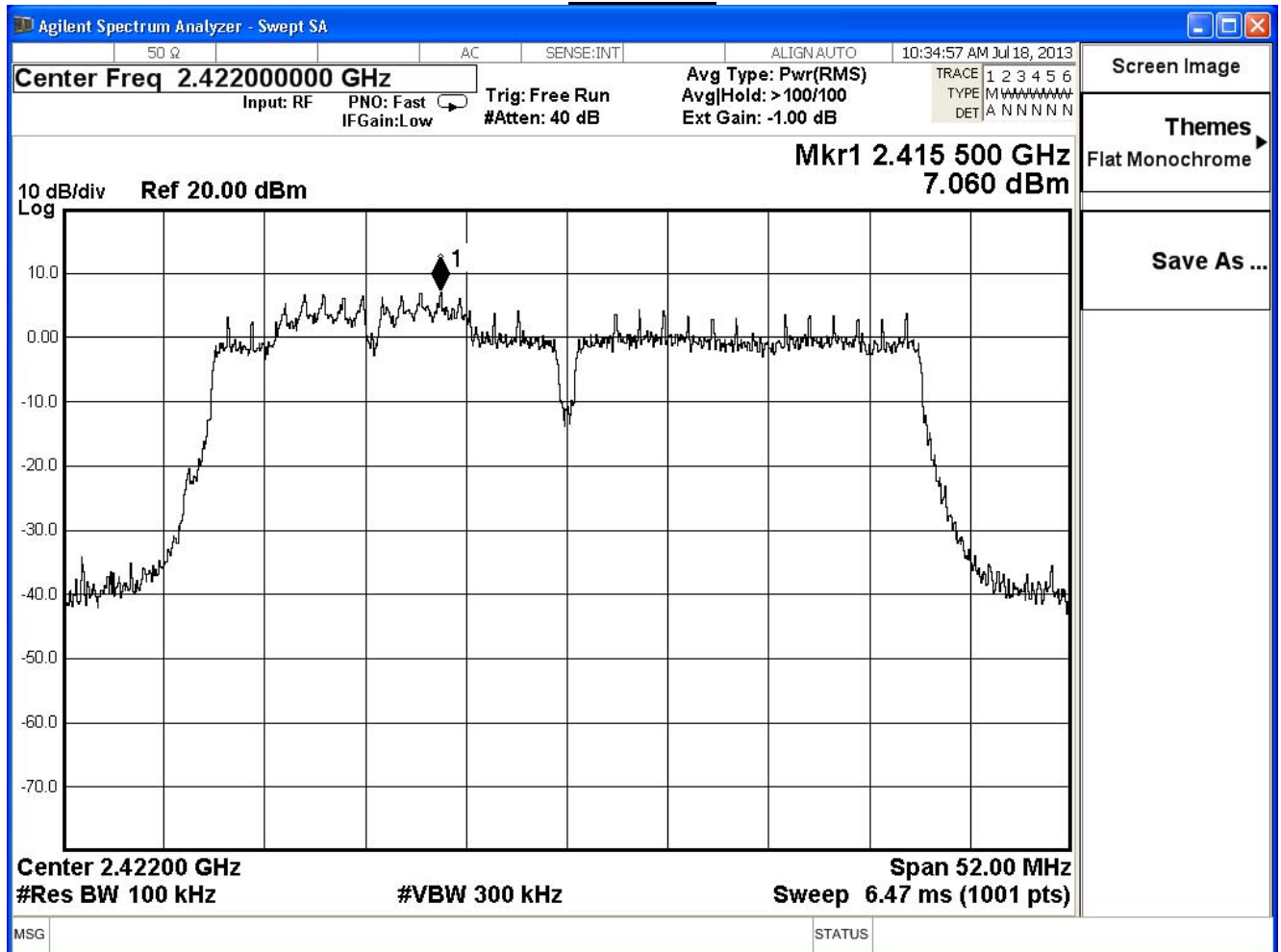
IEEE 802.11n_40MHz (ANT 0)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement (dBm)	Limit (dBm)	Result
3	2422	7.06	-8.14	≤ 7.32	Pass
6	2437	9.83	-5.37	≤ 7.32	Pass
9	2452	1.43	-13.77	≤ 7.32	Pass

Note:

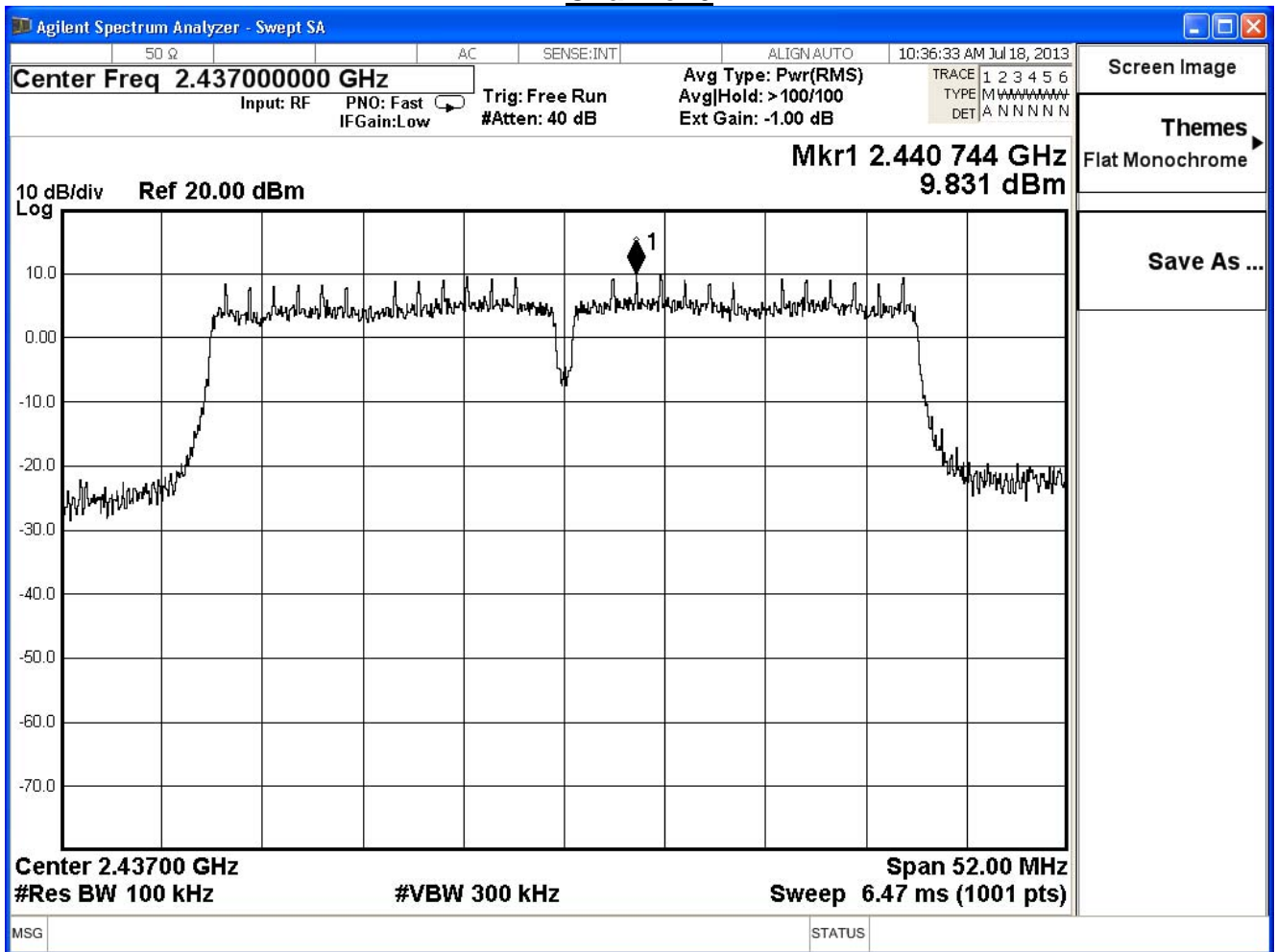
Total Gain : $10\log(3) + \text{max Gain} = 6.68\text{dBi}$

Required Limit = $8\text{dBm} - (6.68\text{dBi} - 6\text{dBi}) = 7.32\text{ dBm}$

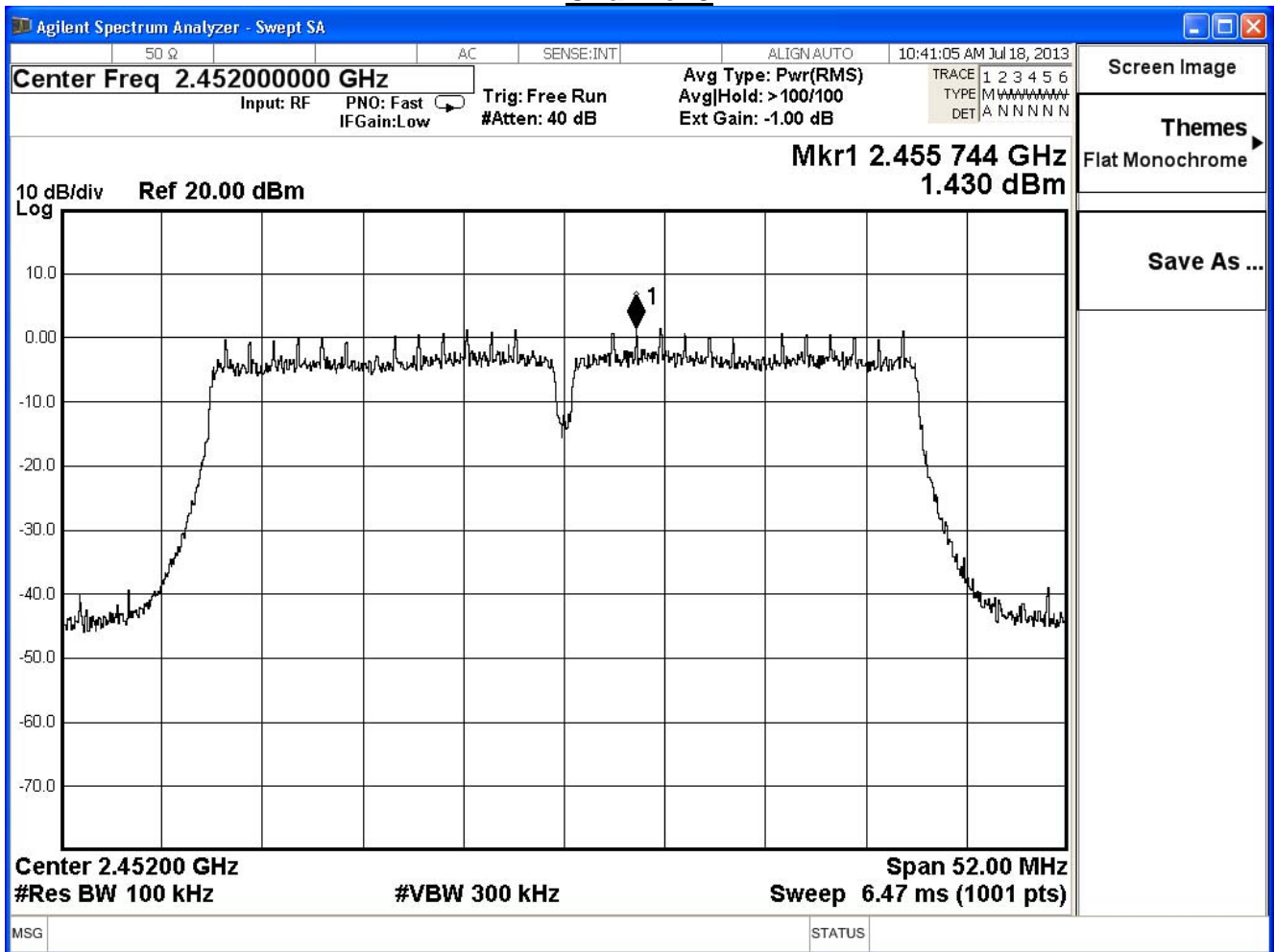
Channel 3



Channel 6



Channel 9



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

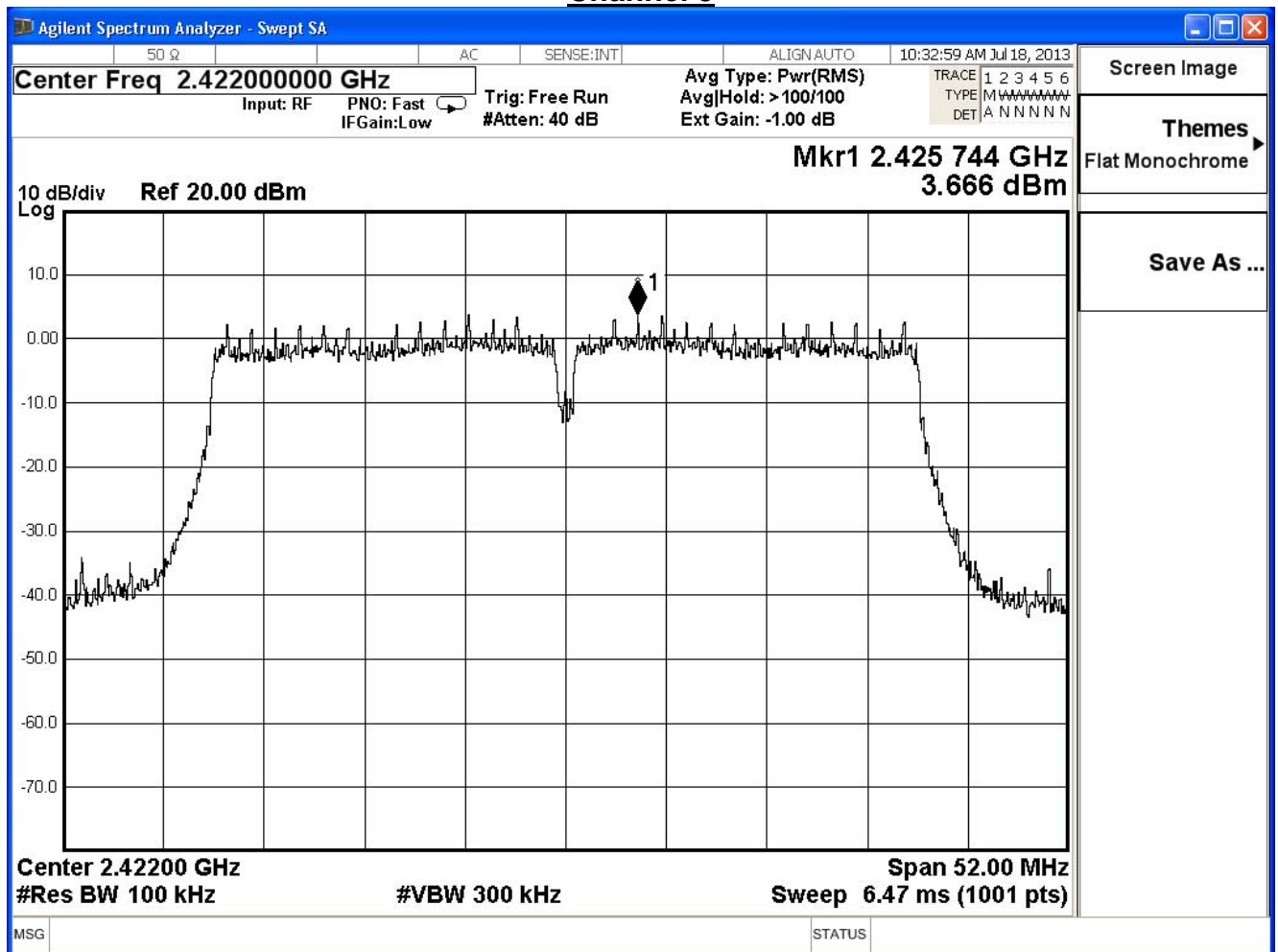
IEEE 802.11n_40MHz (ANT 1)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	3.66	-11.54	≤7.32	Pass
6	2437	9.21	-5.99	≤7.32	Pass
9	2452	1.68	-13.52	≤7.32	Pass

Note:

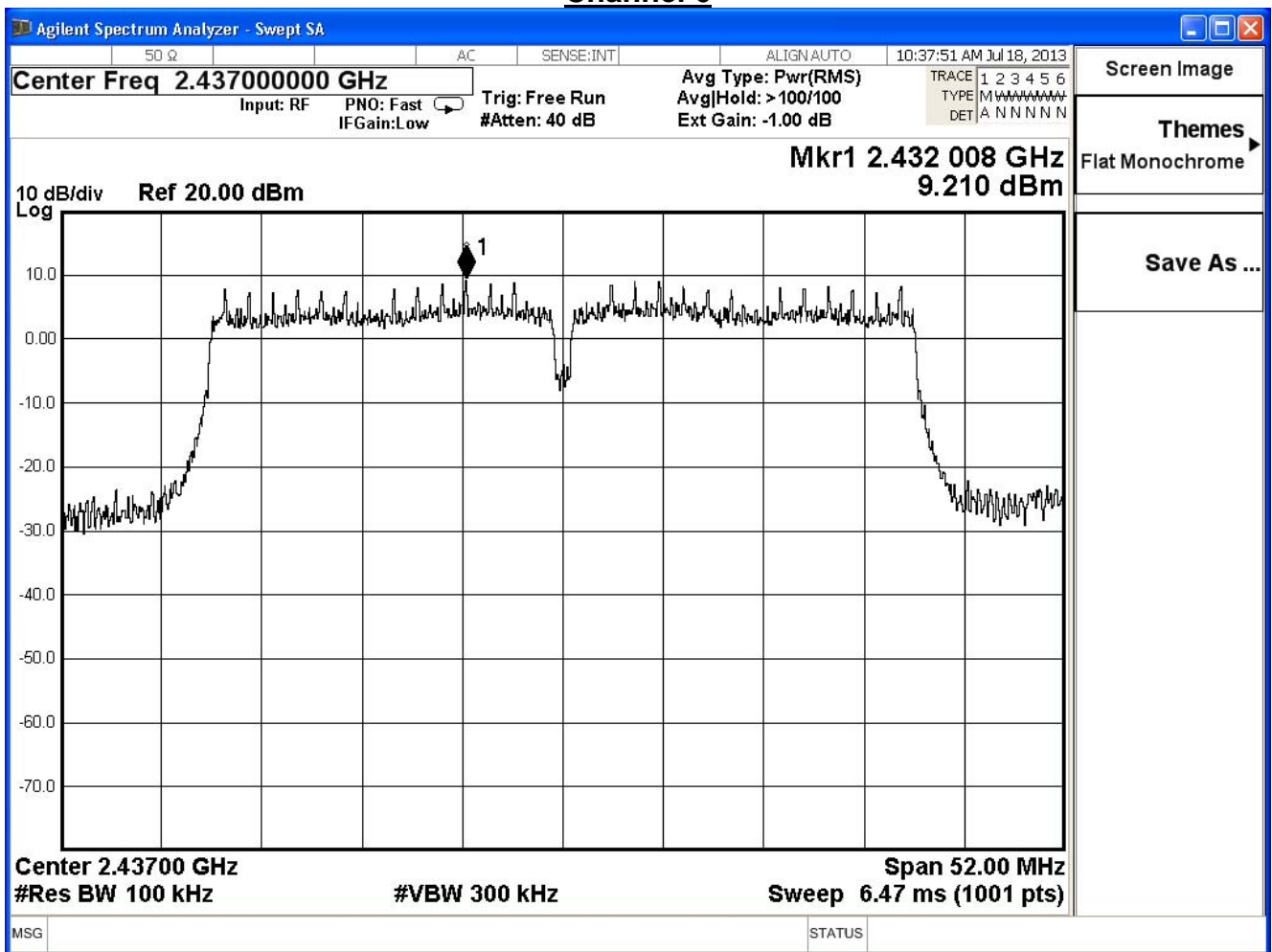
Total Gain : $10\log(3) + \text{max Gain} = 6.68\text{dBi}$

Required Limit = $8\text{dBm} - (6.68\text{dBi} - 6\text{dBi}) = 7.32\text{ dBm}$

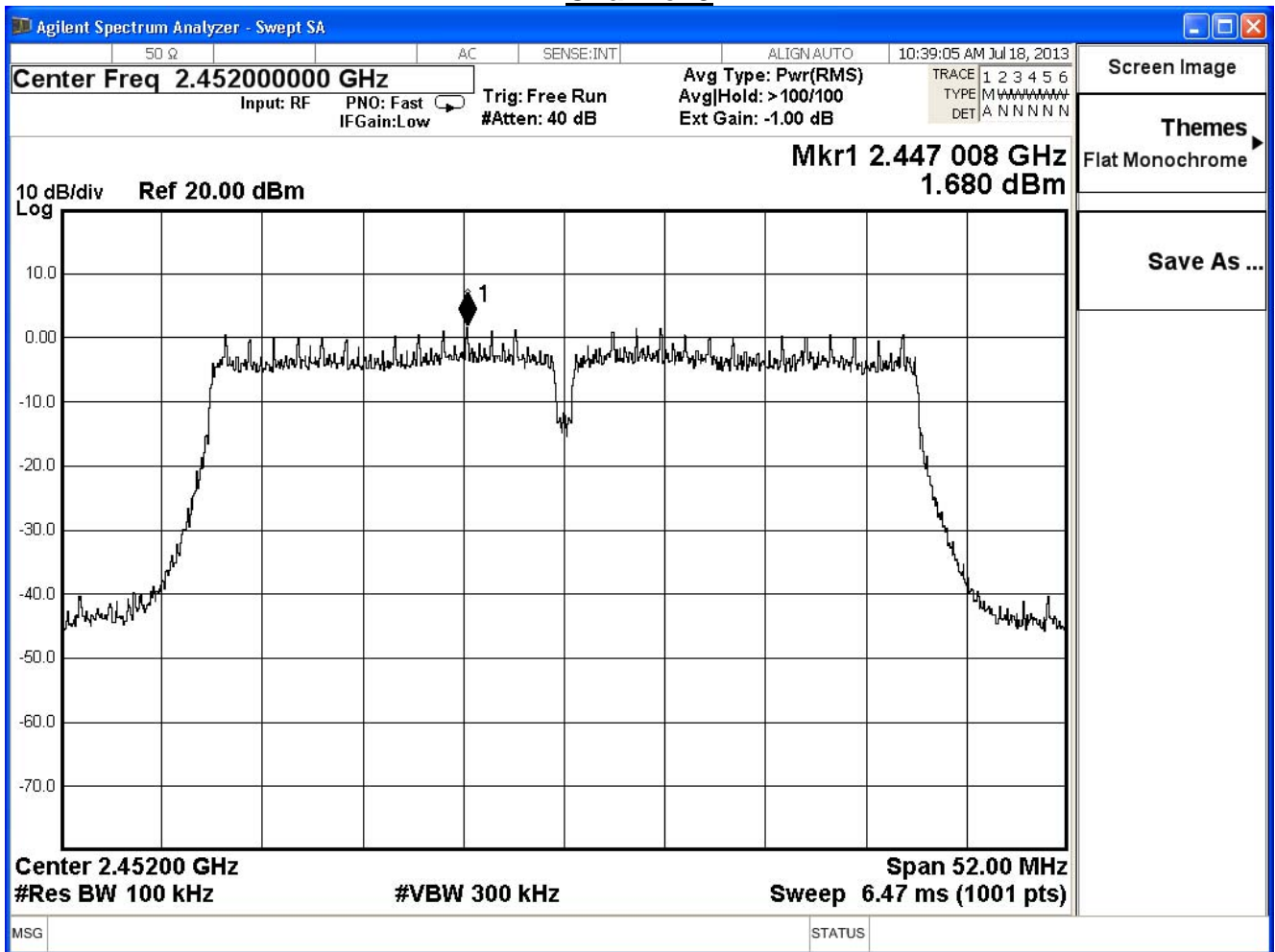
Channel 3



Channel 6



Channel 9



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

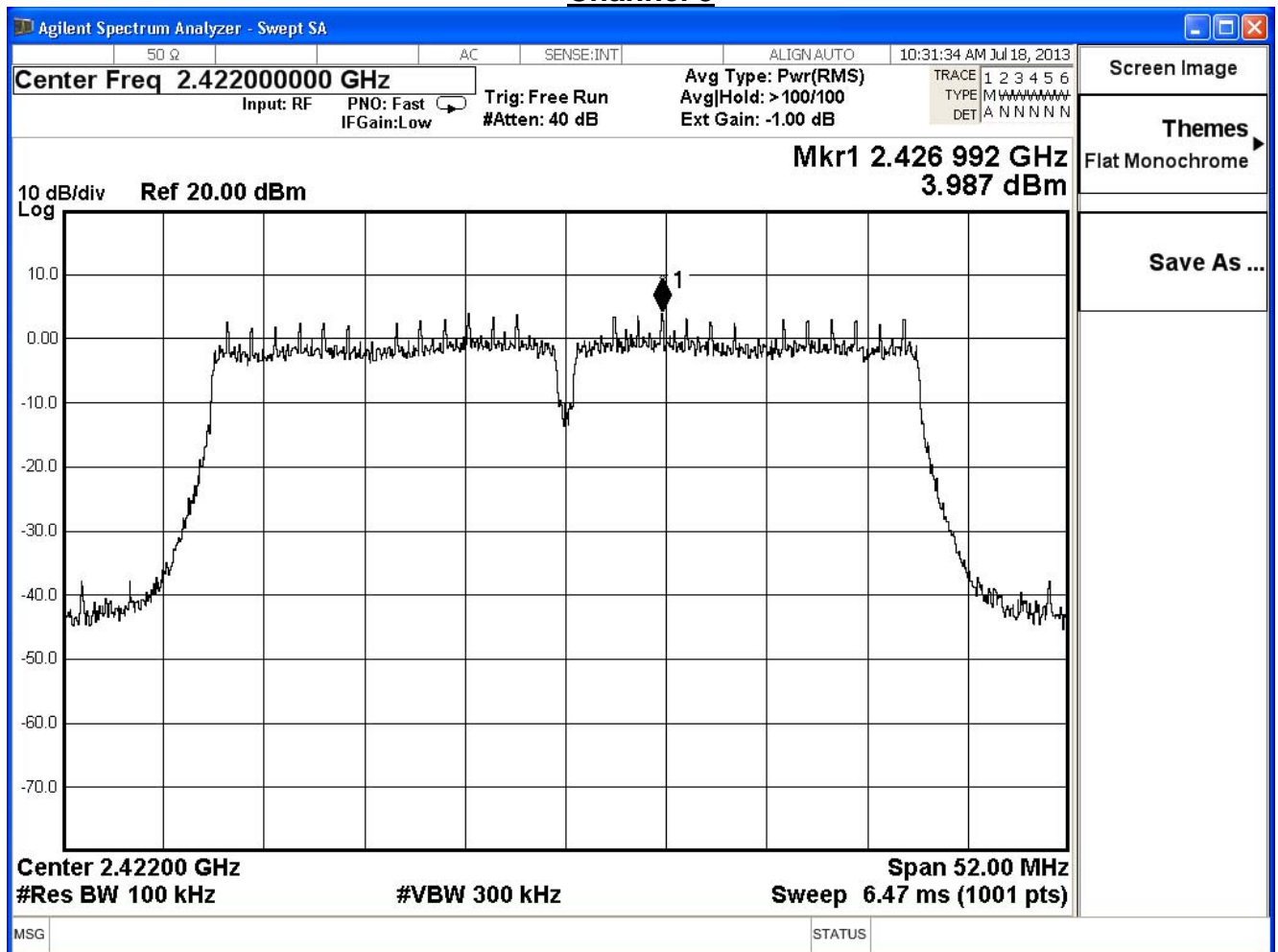
IEEE 802.11n_40MHz (ANT 2)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	3.98	-11.22	≤7.32	Pass
6	2437	9.05	-6.15	≤7.32	Pass
9	2452	1.60	-13.60	≤7.32	Pass

Note:

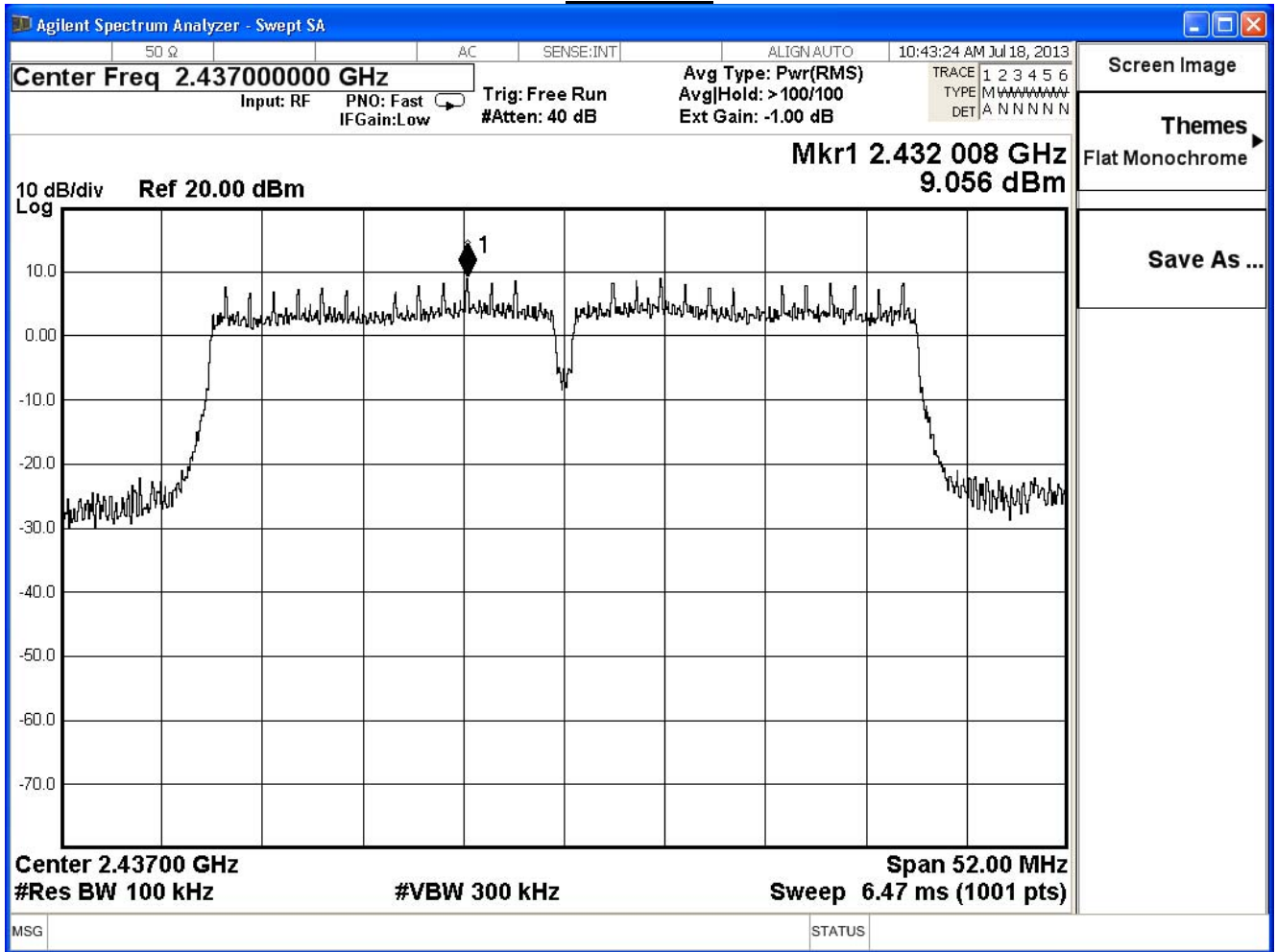
Total Gain : $10\log(3) + \text{max Gain} = 6.68\text{dBi}$

Required Limit = $8\text{dBm} - (6.68\text{dBi} - 6\text{dBi}) = 7.32\text{ dBm}$

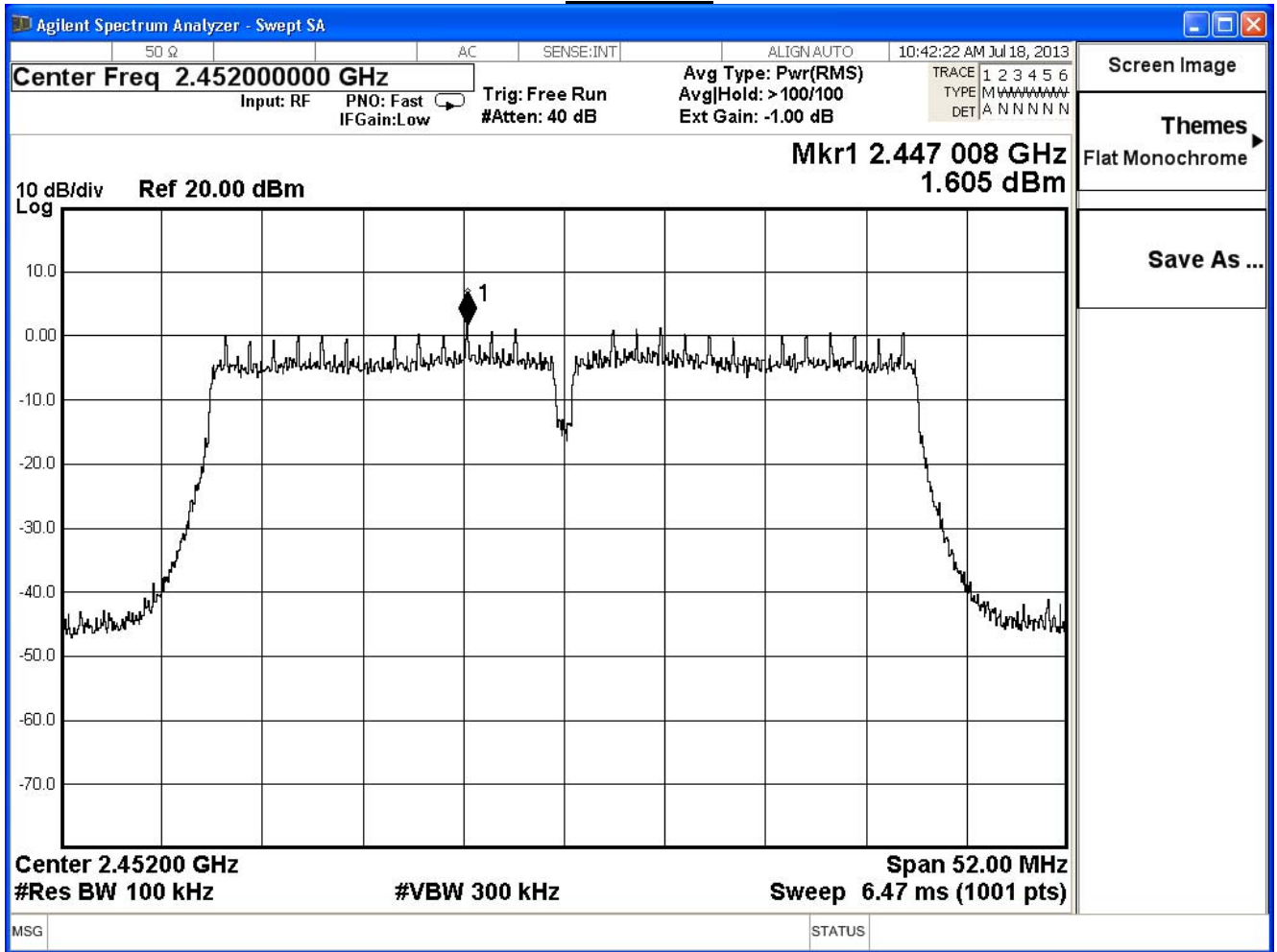
Channel 3



Channel 6



Channel 9



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-5.24	≤ 7.32	Pass
6	2437	-1.05	≤ 7.32	Pass
9	2452	-8.86	≤ 7.32	Pass

Note:

Total Gain : $10\log(3)+\text{max Gain} = 6.68\text{dBi}$

Required Limit = $8\text{dBm} - (6.68\text{dBi} - 6\text{dBi}) = 7.32\text{ dBm}$

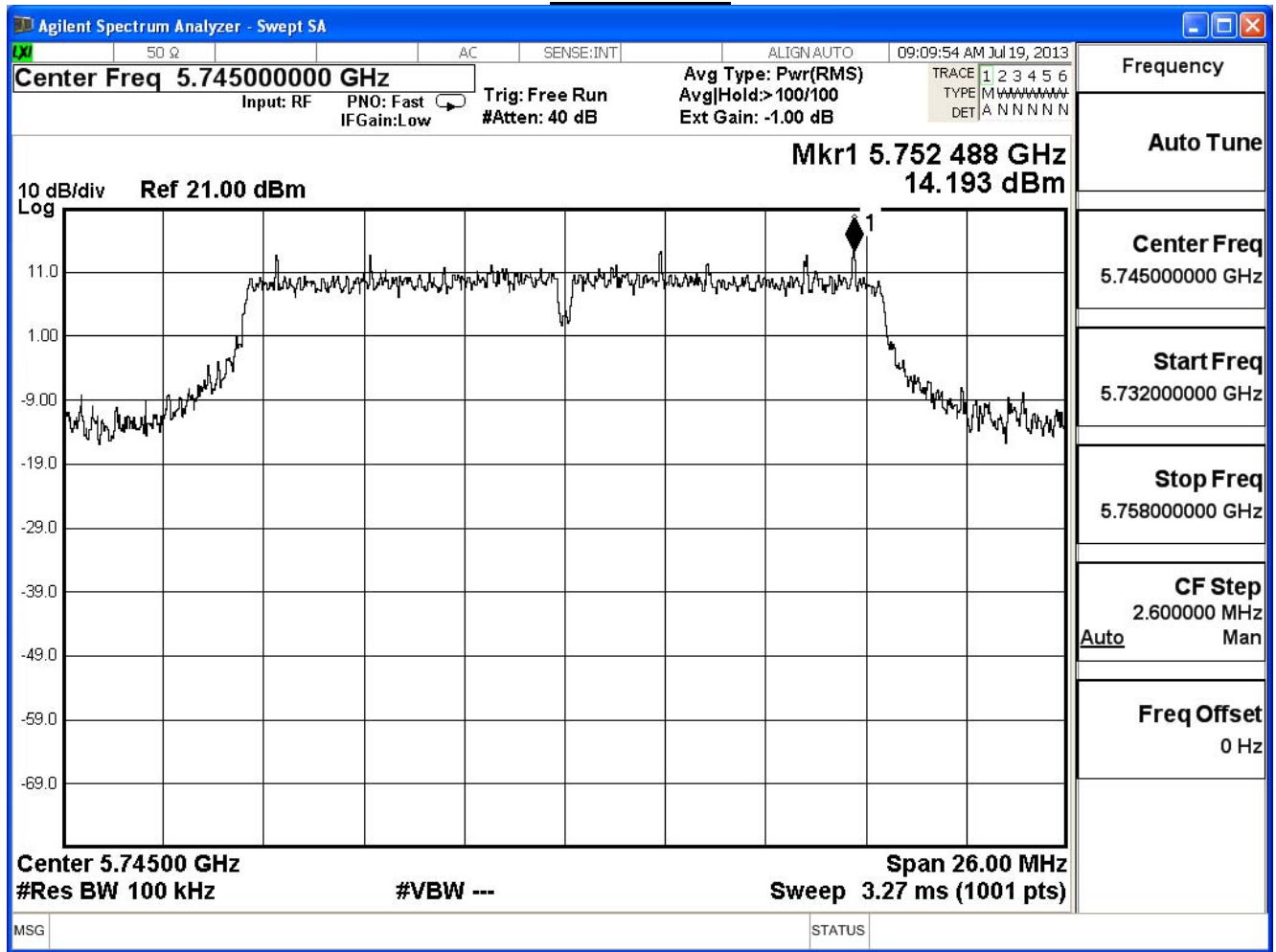
Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE 802.11a					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	14.193	-1.01	≤ 5.19	Pass
157	5785	14.303	-0.90	≤ 5.19	Pass
165	5825	14.161	-1.04	≤ 5.19	Pass

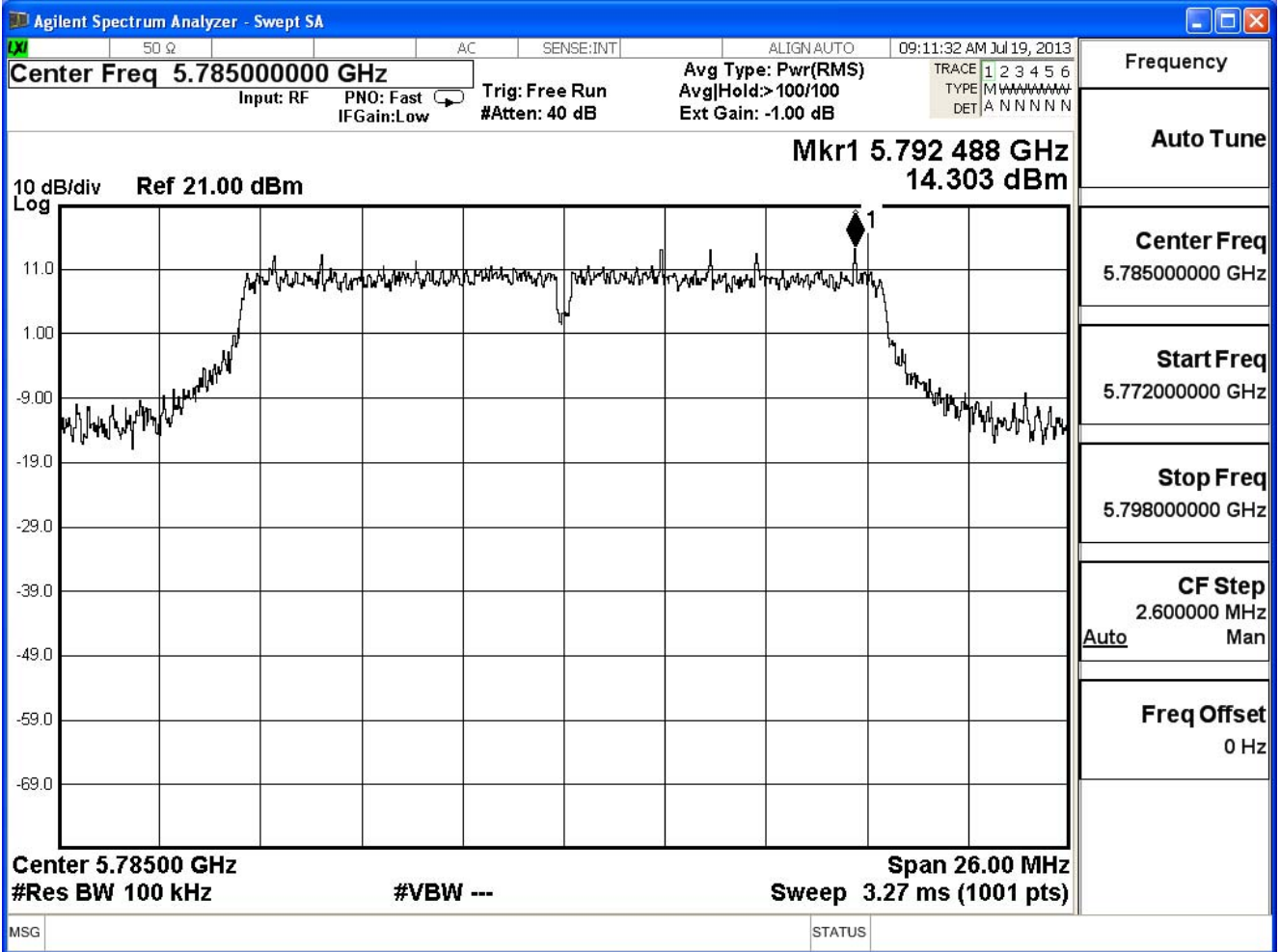
Note:

Total Gain = Beamforming Gain + Max Gain = 4.77dB + 4.04dB = 8.81dBi
 Required Limit = 8dBm - (8.81dBi – 6dBi) = 8 – 2.81 = 5.19 dBm

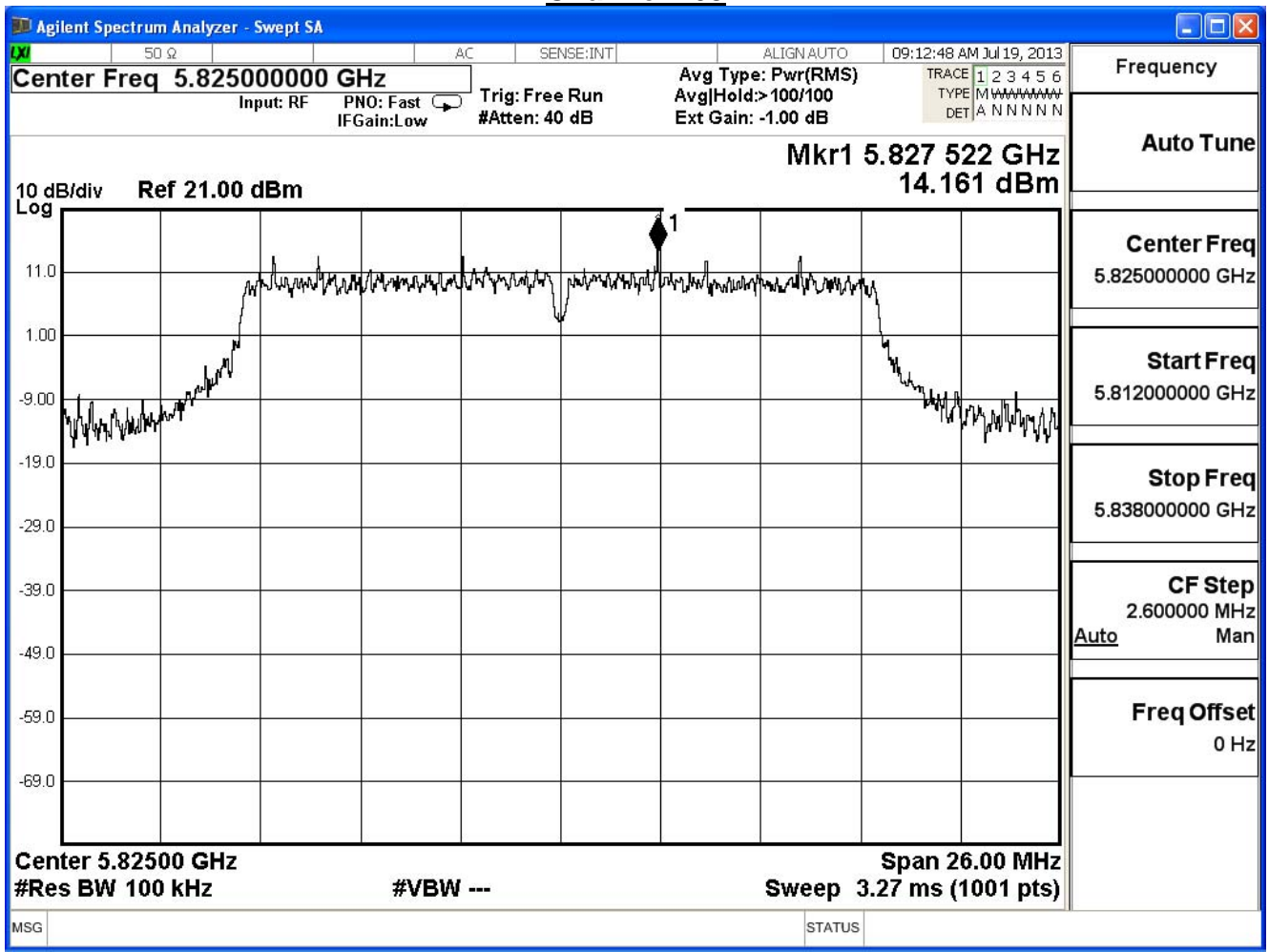
Channel 149



Channel 157



Channel 165



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

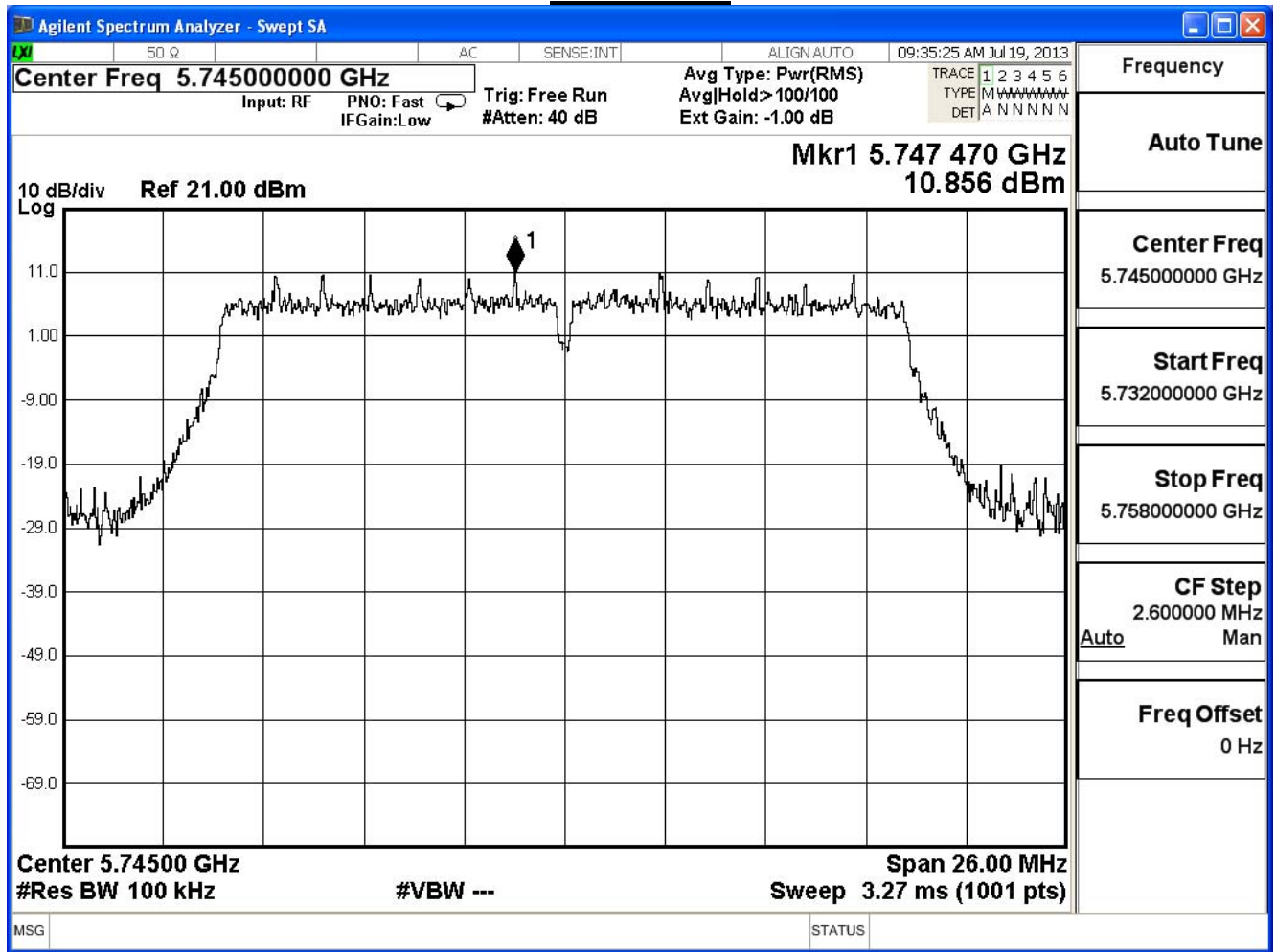
IEEE802.11n_20MHz_(ANT 0)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement (dBm)	Limit (dBm)	Result
149	5745	10.856	-4.34	≤ 5.19	Pass
157	5785	11.429	-3.77	≤ 5.19	Pass
165	5825	10.708	-4.49	≤ 5.19	Pass

Note:

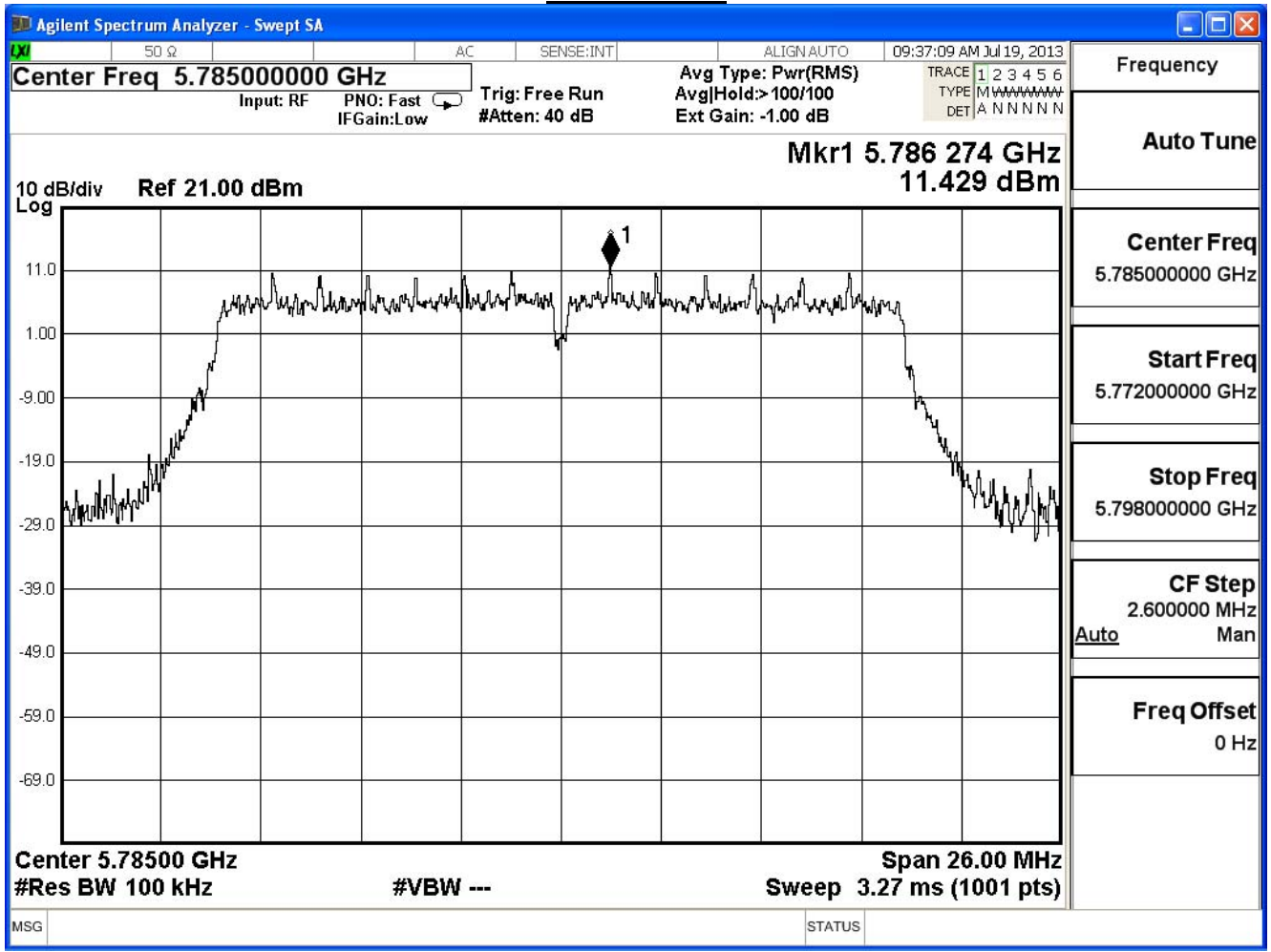
Total Gain = Beamforming Gain + Max Gain = 4.77dB + 4.04dB =8.81dBi

Required Limit = 8dBm - (8.81dBi – 6dBi) = 8 – 2.81 = 5.19 dBm

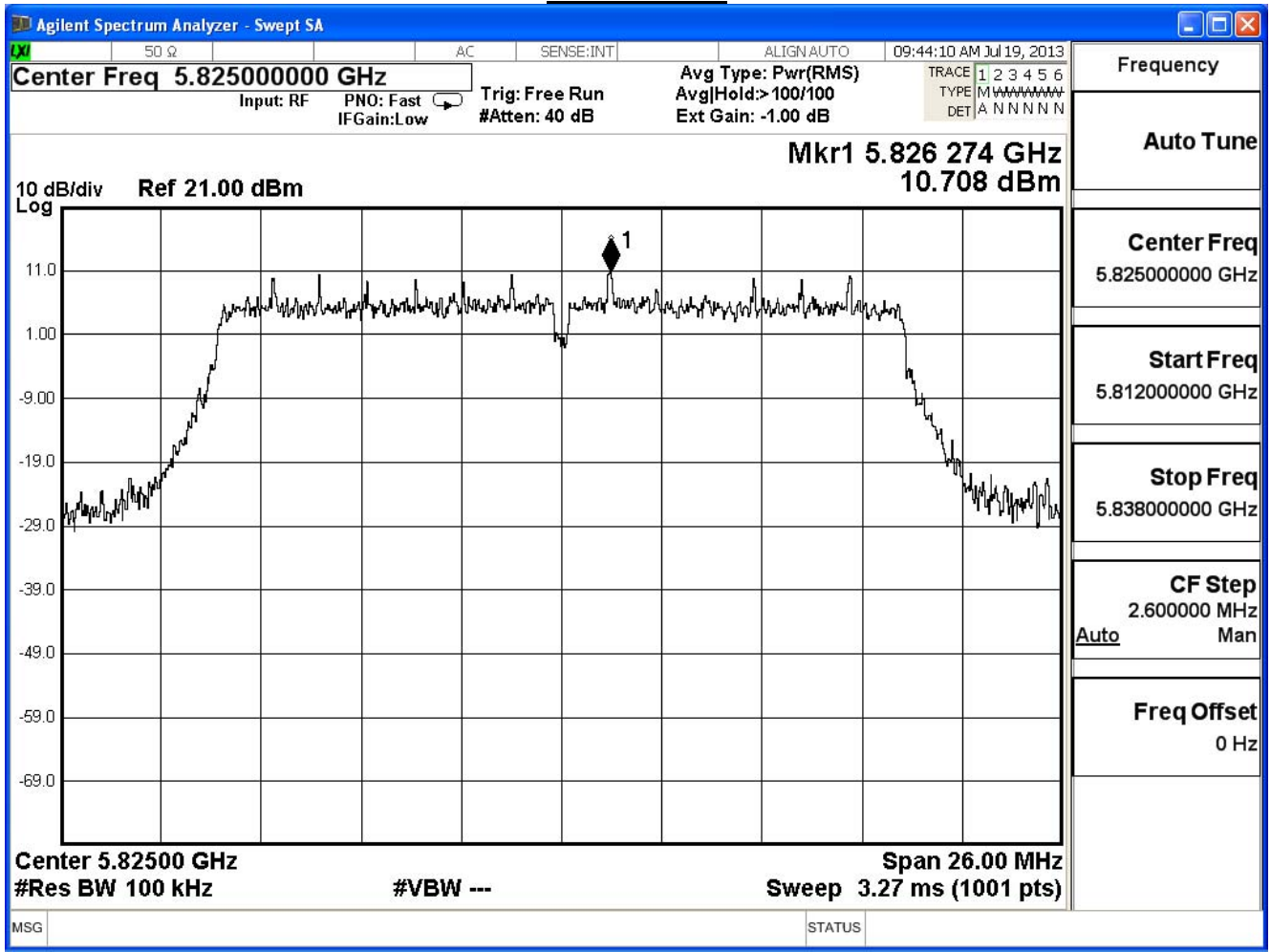
Channel 149



Channel 157



Channel 165



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

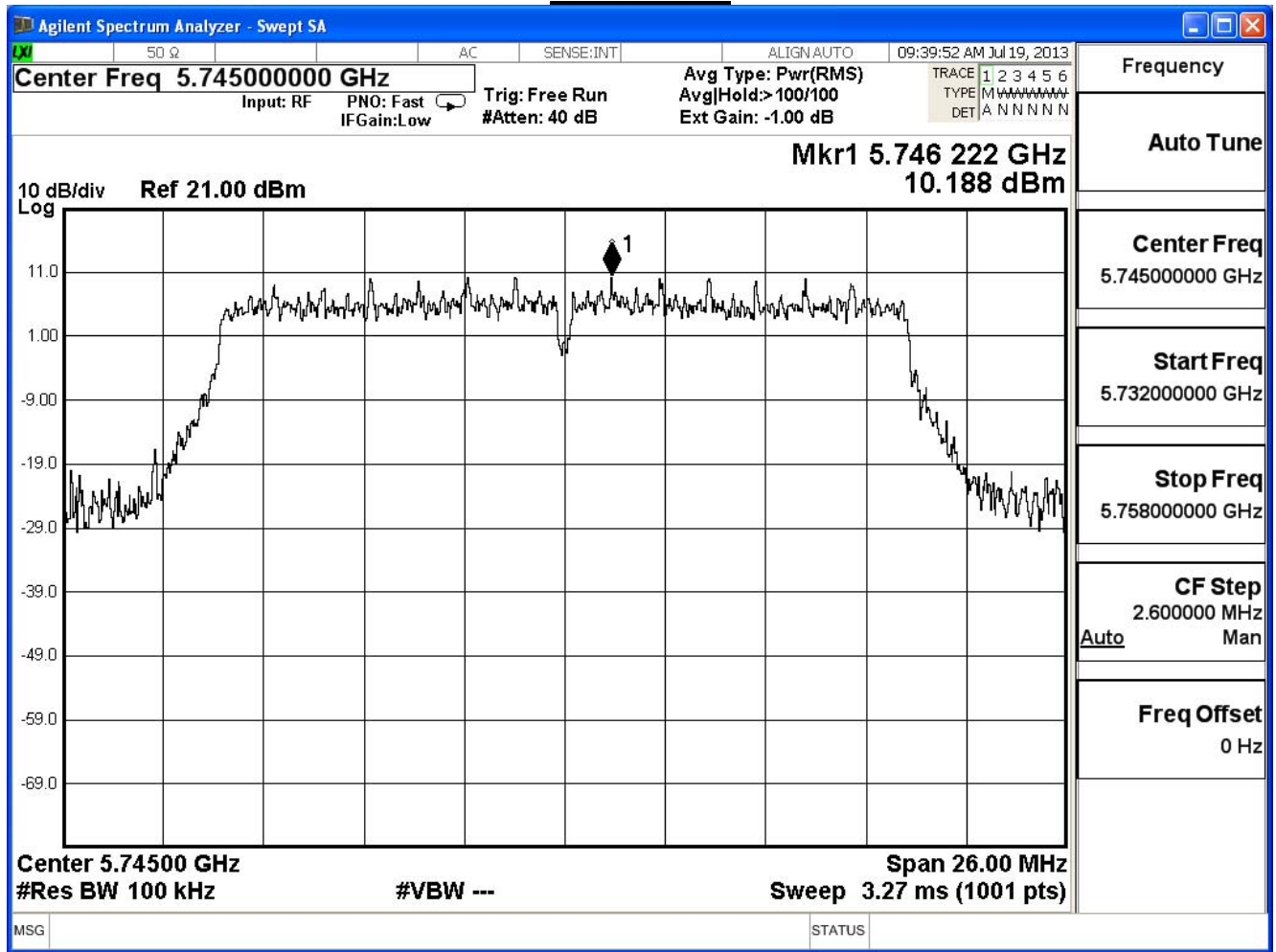
IEEE802.11n_20MHz_(ANT 1)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	10.188	-5.01	≤ 5.19	Pass
157	5785	10.220	-4.98	≤ 5.19	Pass
165	5825	9.941	-5.26	≤ 5.19	Pass

Note:

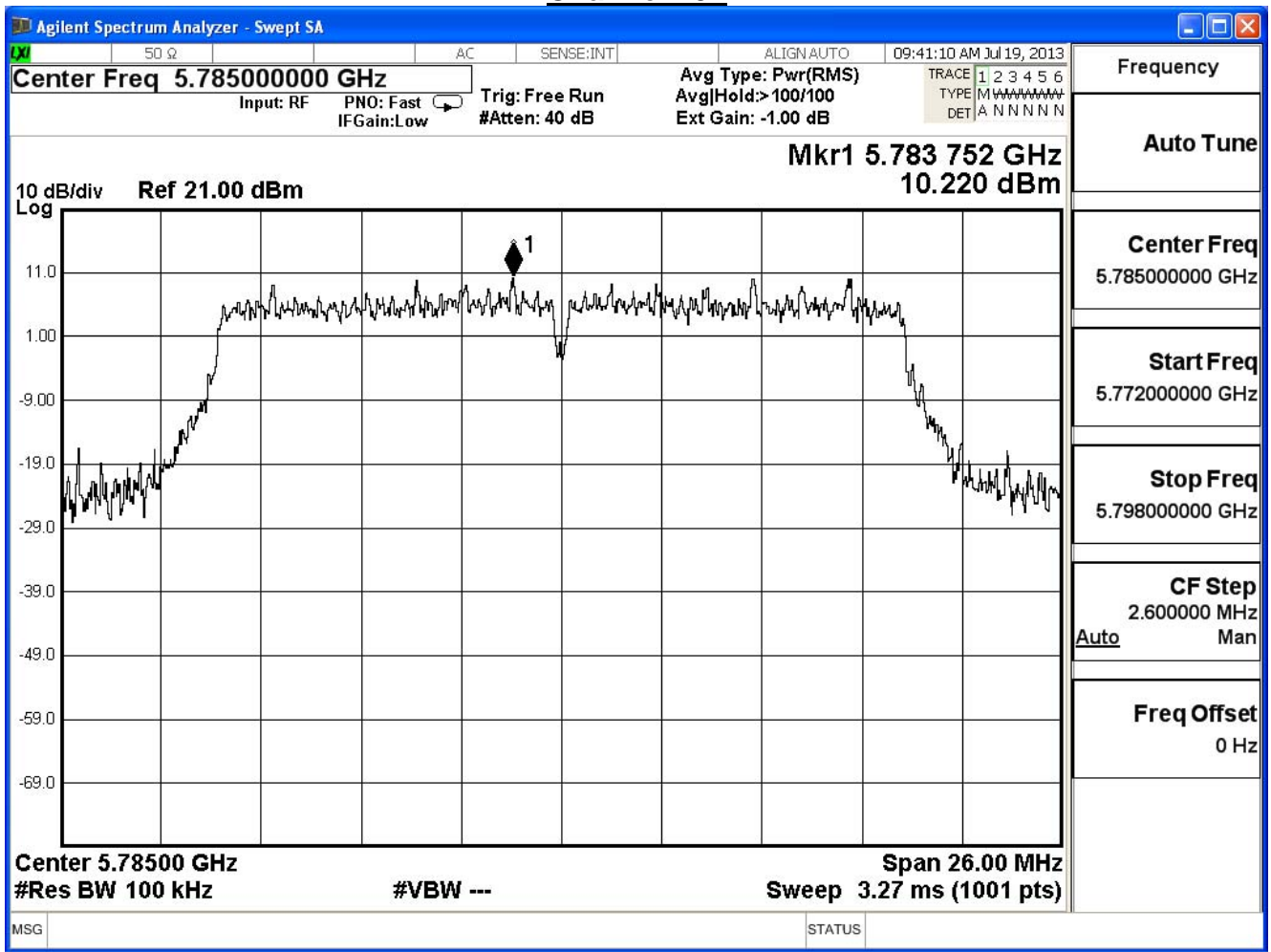
Total Gain = Beamforming Gain + Max Gain = 4.77dB + 4.04dB =8.81dBi

Required Limit = 8dBm - (8.81dBi – 6dBi) = 8 – 2.81 = 5.19 dBm

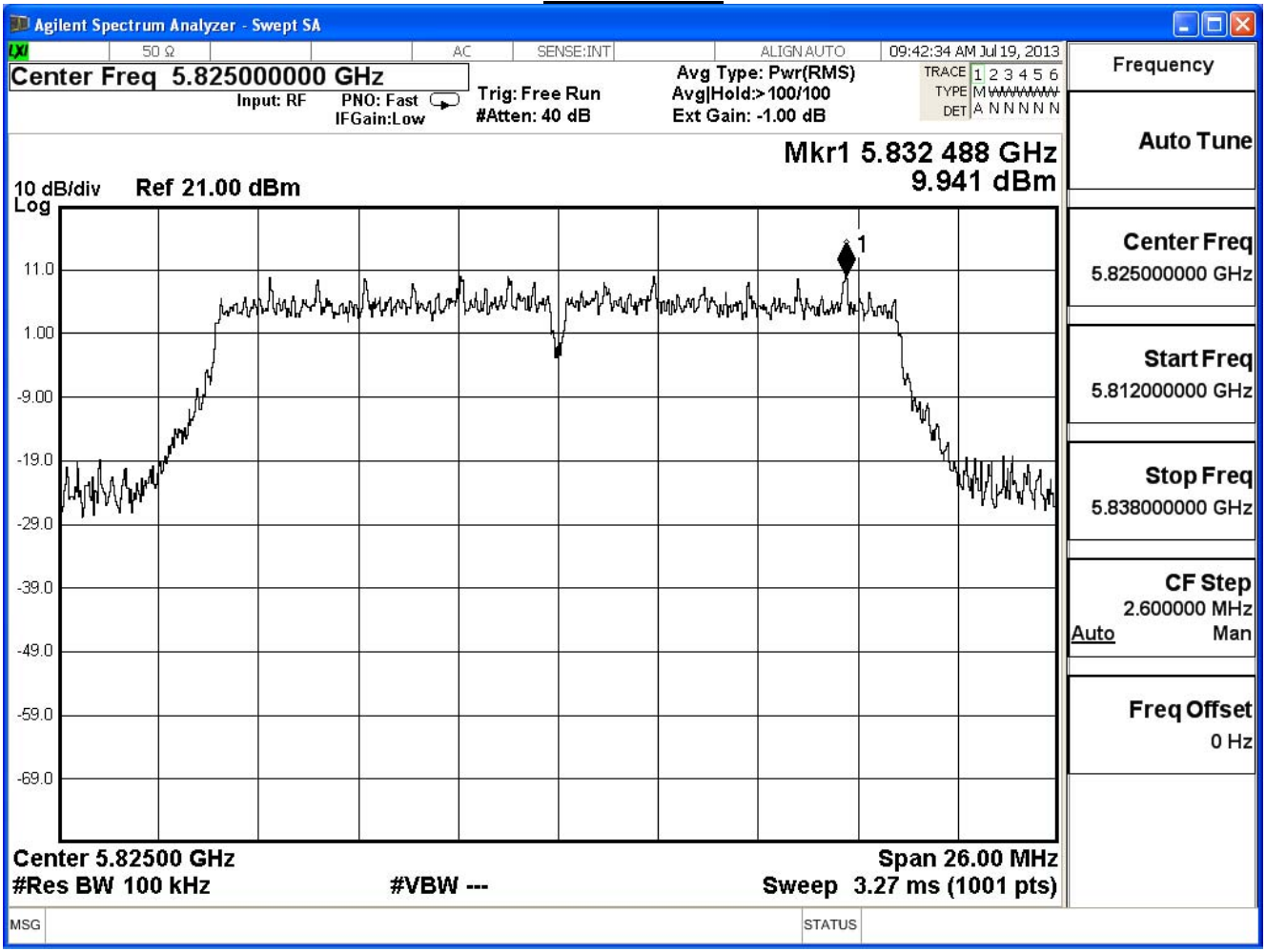
Channel 149



Channel 157



Channel 165



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

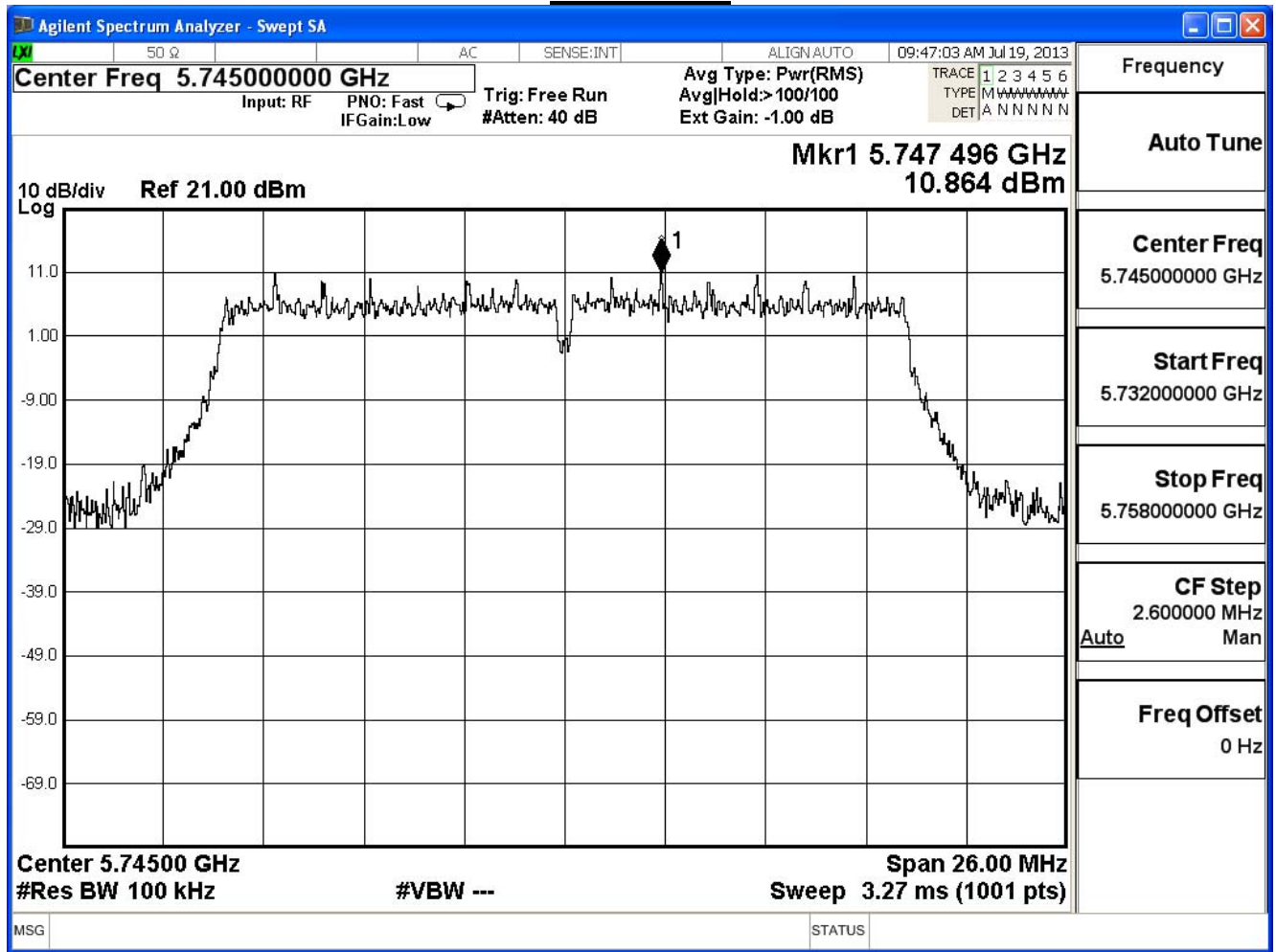
IEEE802.11n_20MHz_(ANT 2)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	10.864	-4.34	≤ 5.19	Pass
157	5785	10.794	-4.41	≤ 5.19	Pass
165	5825	10.304	-4.90	≤ 5.19	Pass

Note:

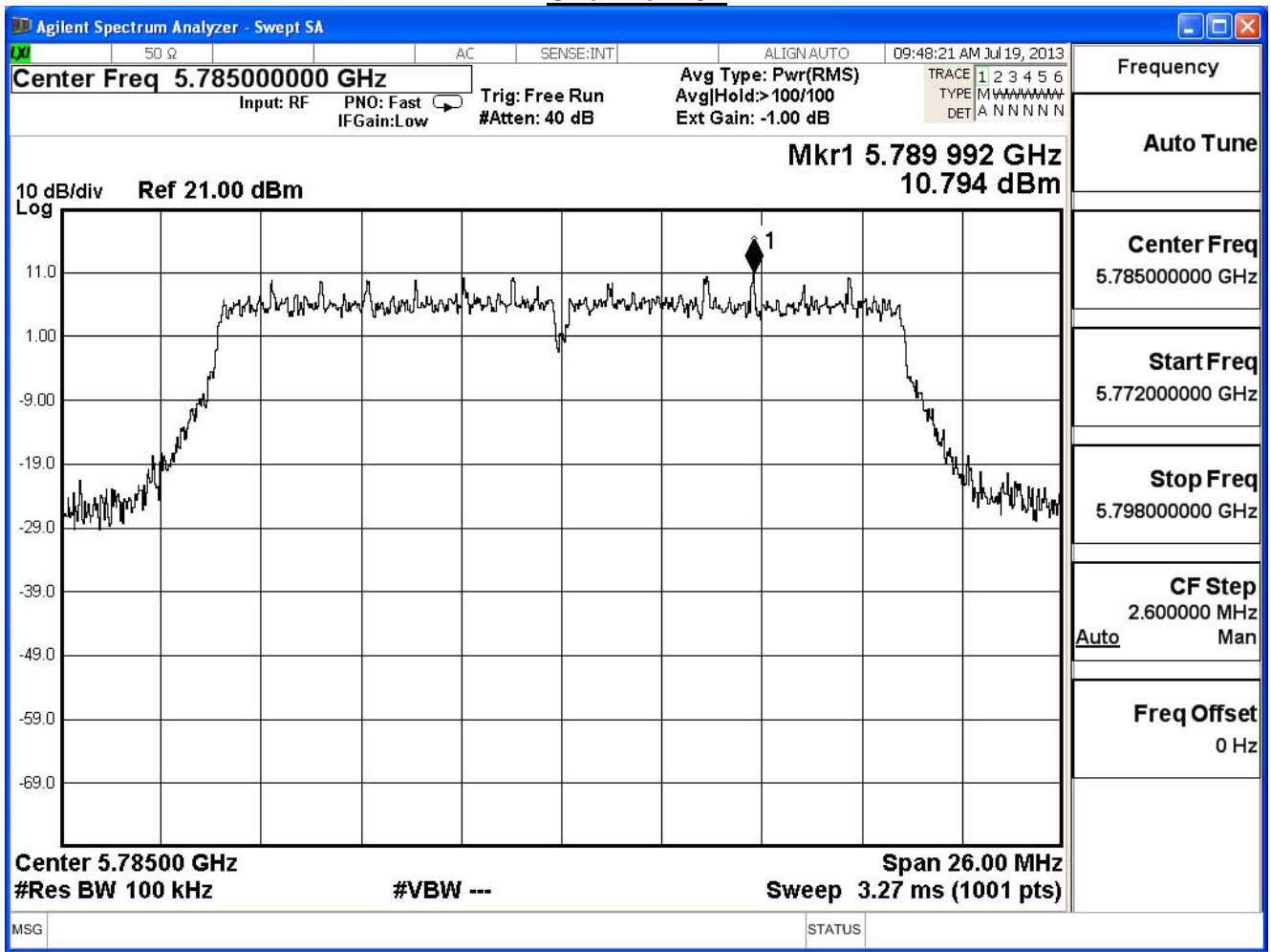
Total Gain = Beamforming Gain + Max Gain = 4.77dB + 4.04dB = 8.81dBi

Required Limit = 8dBm - (8.81dBi - 6dBi) = 8 - 2.81 = 5.19 dBm

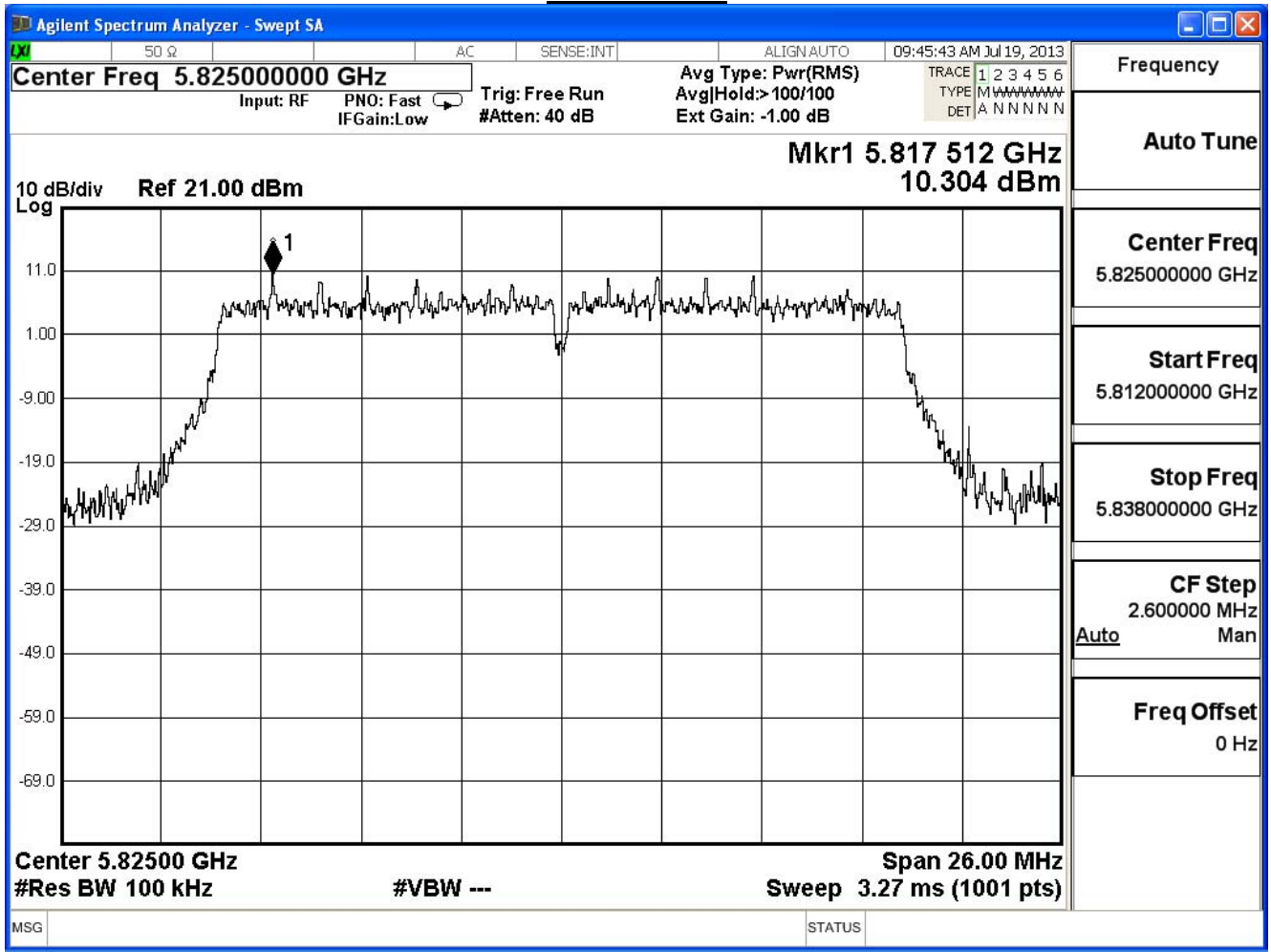
Channel 149



Channel 157



Channel 165



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE802.11n 20MHz(ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	0.22	≤ 5.19	Pass
157	5785	0.41	≤ 5.19	Pass
165	5825	-0.10	≤ 5.19	Pass

Note:

Total Gain = Beamforming Gain + Max Gain = 4.77dB + 4.04dB = 8.81dBi

Required Limit = 8dBm - (8.81dBi - 6dBi) = 8 - 2.81 = 5.19 dBm

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

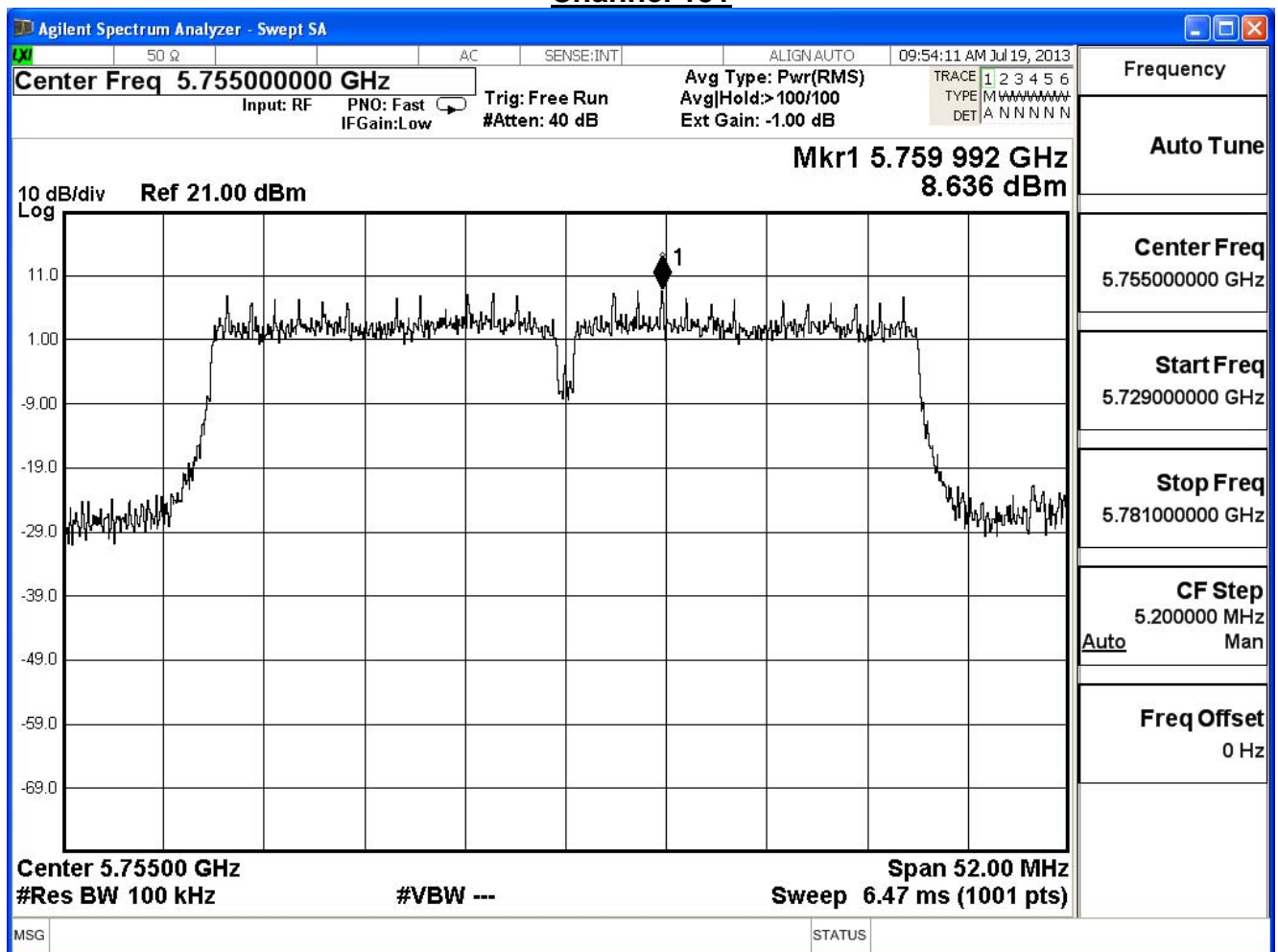
IEEE 802.11n_40MHz (ANT 0)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement (dBm)	Limit (dBm)	Result
151	5755	8.636	-6.56	≤ 5.19	Pass
159	5795	8.733	-6.47	≤ 5.19	Pass

Note:

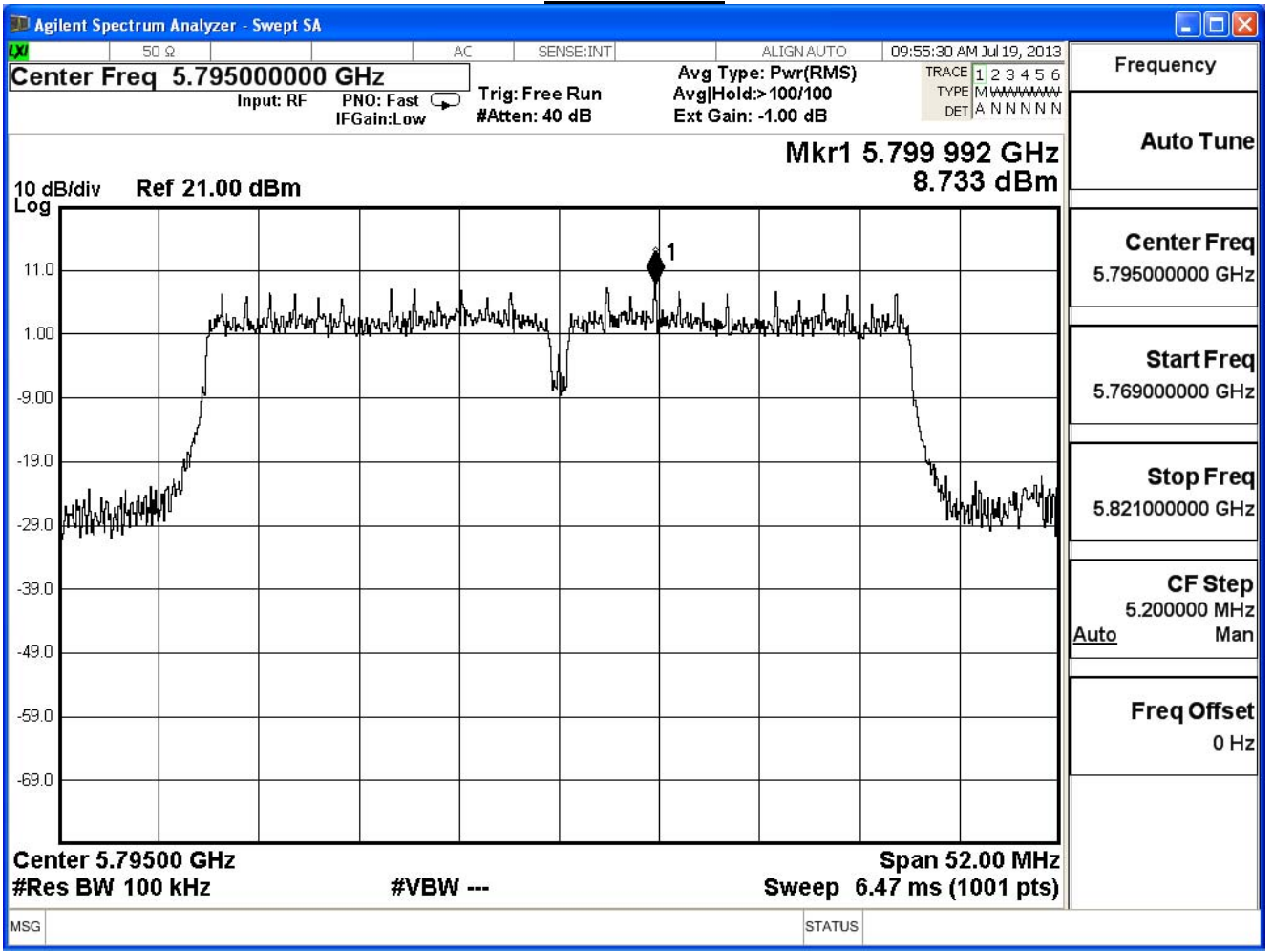
Total Gain = Beamforming Gain + Max Gain = 4.77dB + 4.04dB = 8.81dBi

Required Limit = 8dBm - (8.81dBi - 6dBi) = 8 - 2.81 = 5.19 dBm

Channel 151



Channel 159



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

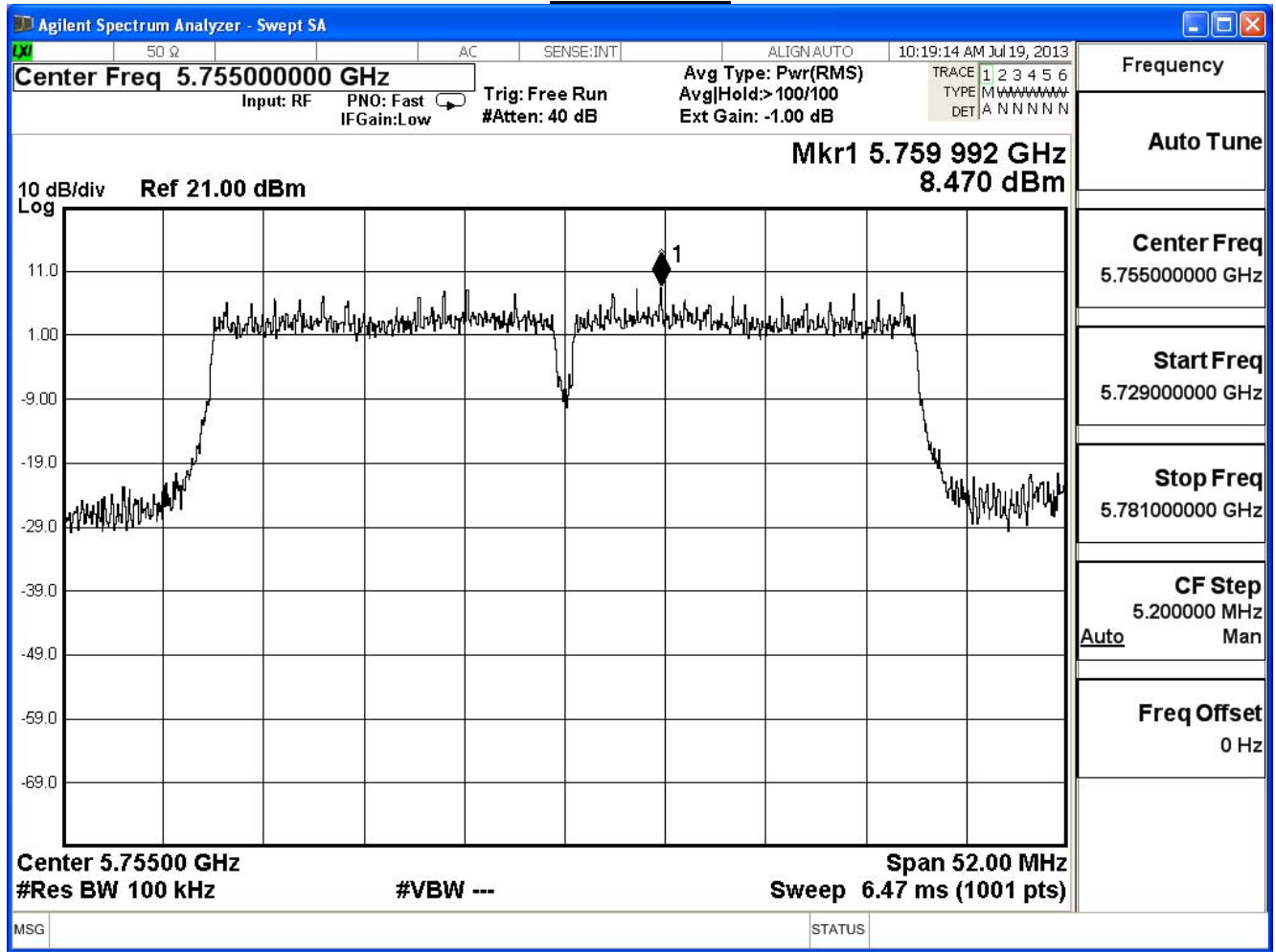
IEEE 802.11n_40MHz (ANT 1)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	8.470	-6.73	≤ 5.19	Pass
159	5795	8.421	-6.78	≤ 5.19	Pass

Note:

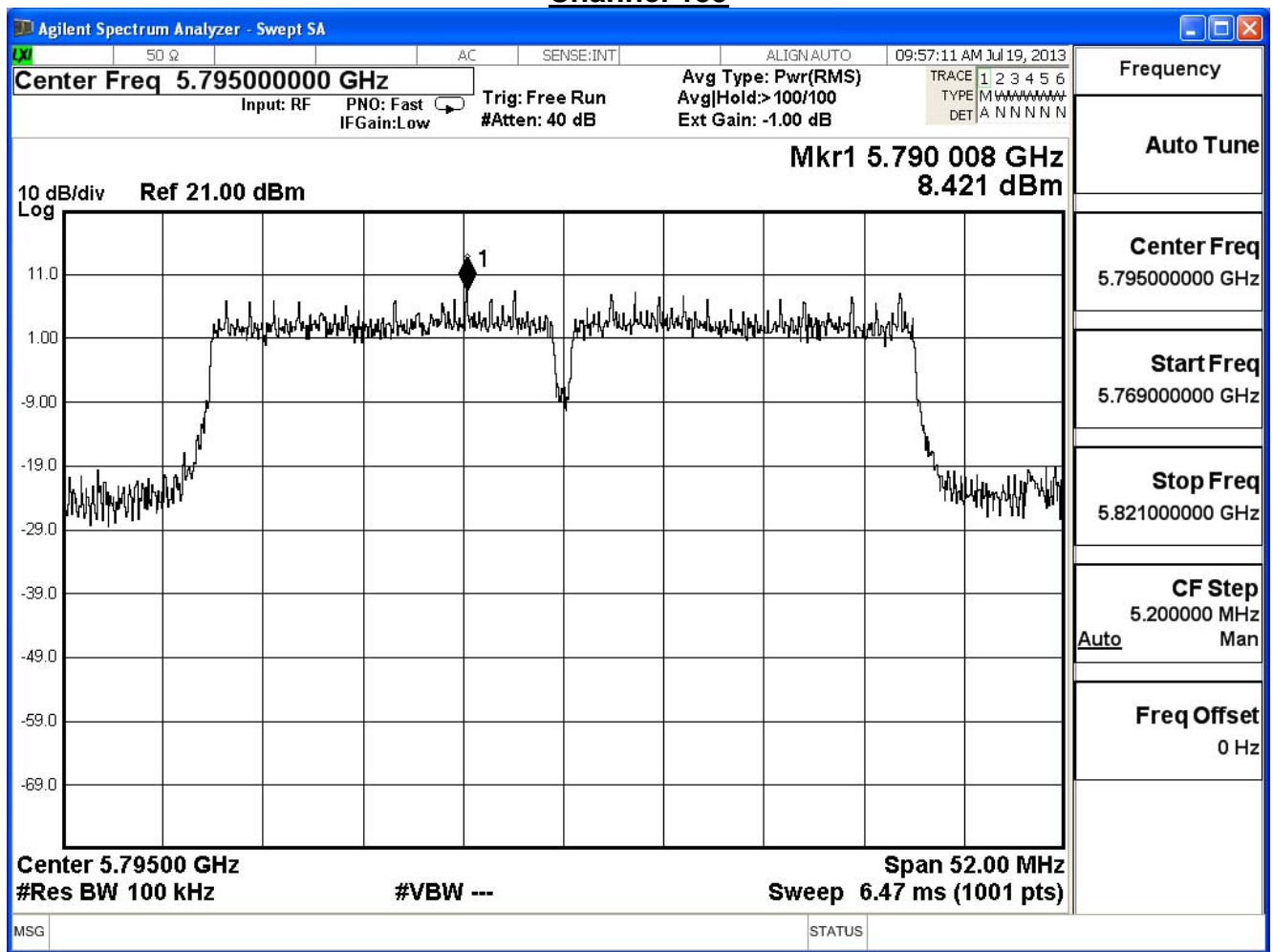
Total Gain = Beamforming Gain + Max Gain = 4.77dB + 4.04dB = 8.81dBi

Required Limit = 8dBm - (8.81dBi - 6dBi) = 8 - 2.81 = 5.19 dBm

Channel 151



Channel 159



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

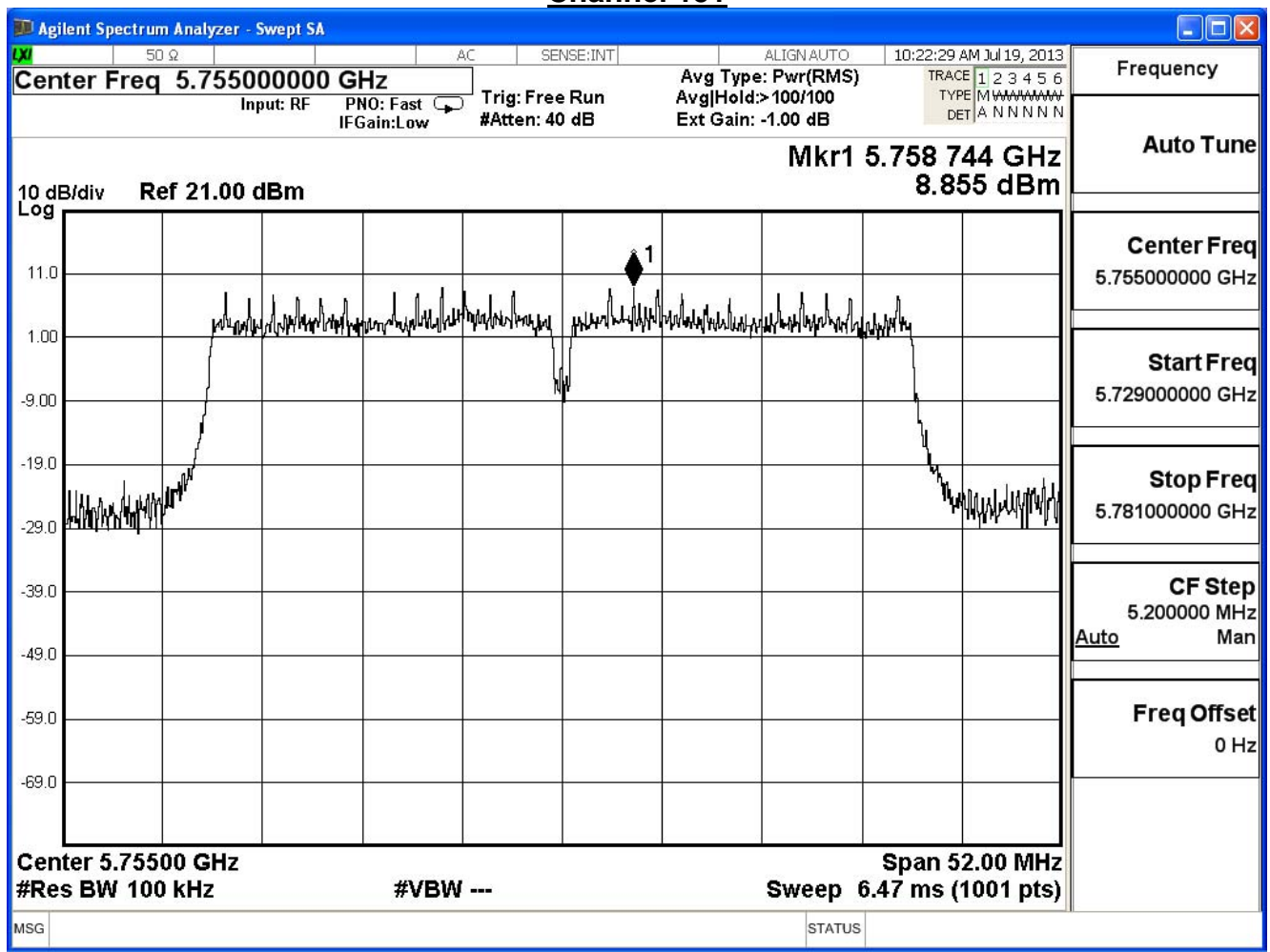
IEEE 802.11n_40MHz (ANT 2)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	8.855	-6.35	≤ 5.19	Pass
159	5795	8.392	-6.81	≤ 5.19	Pass

Note:

Total Gain = Beamforming Gain + Max Gain = 4.77dB + 4.04dB = 8.81dBi

Required Limit = 8dBm - (8.81dBi - 6dBi) = 8 - 2.81 = 5.19 dBm

Channel 151



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-1.77	≤ 5.19	Pass
159	5795	-1.91	≤ 5.19	Pass

Note:

Total Gain = Beamforming Gain + Max Gain = 4.77dB + 4.04dB = 8.81dBi

Required Limit = 8dBm - (8.81dBi – 6dBi) = 8 – 2.81 = 5.19 dBm

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

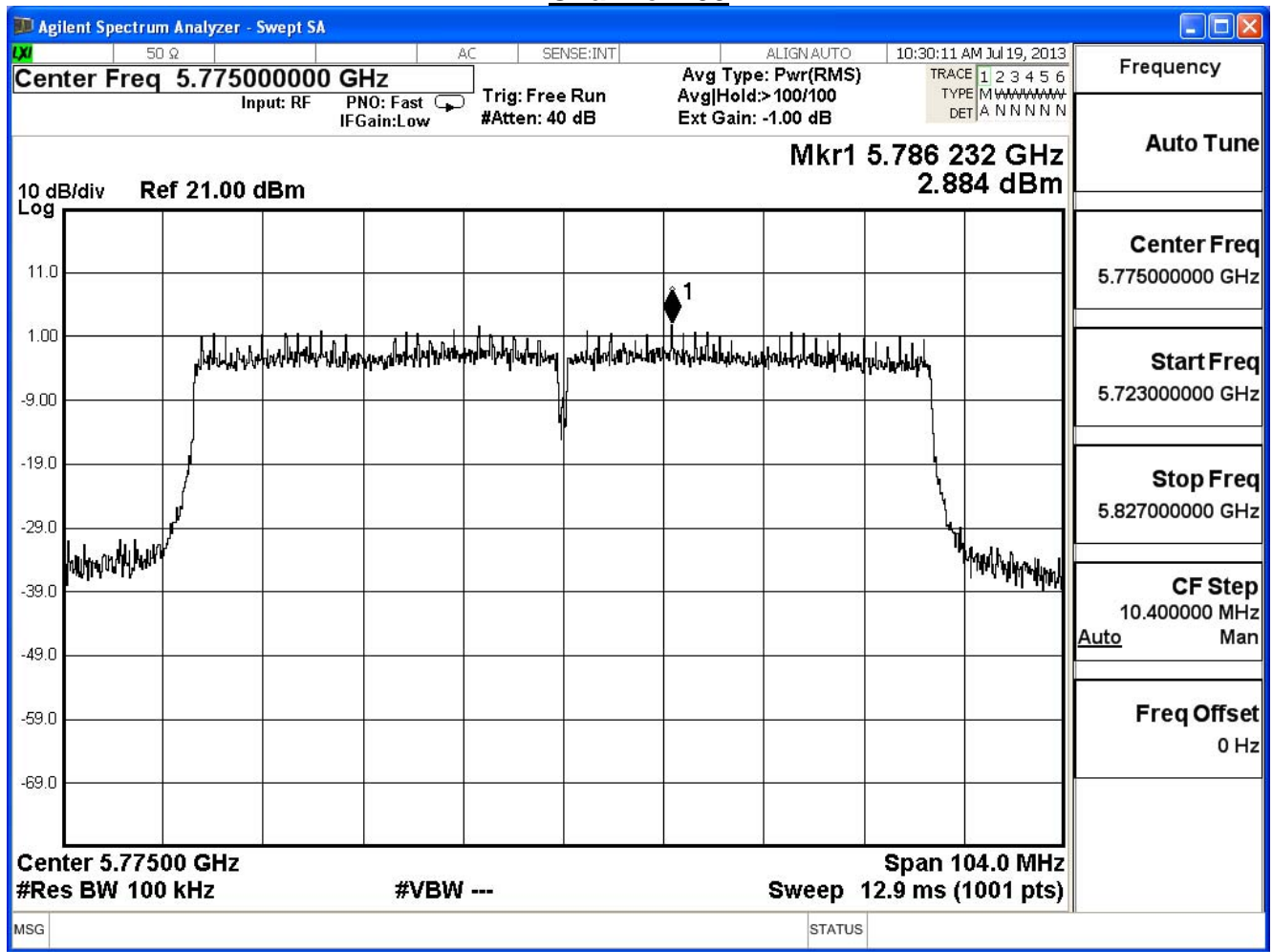
IEEE 802.11ac_80MHz (ANT 0)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	2.884	-12.32	≤ 5.19	Pass

Note:

Total Gain = Beamforming Gain + Max Gain = 4.77dB + 4.04dB = 8.81dBi

Required Limit = 8dBm - (8.81dBi - 6dBi) = 8 - 2.81 = 5.19 dBm

Channel 155



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

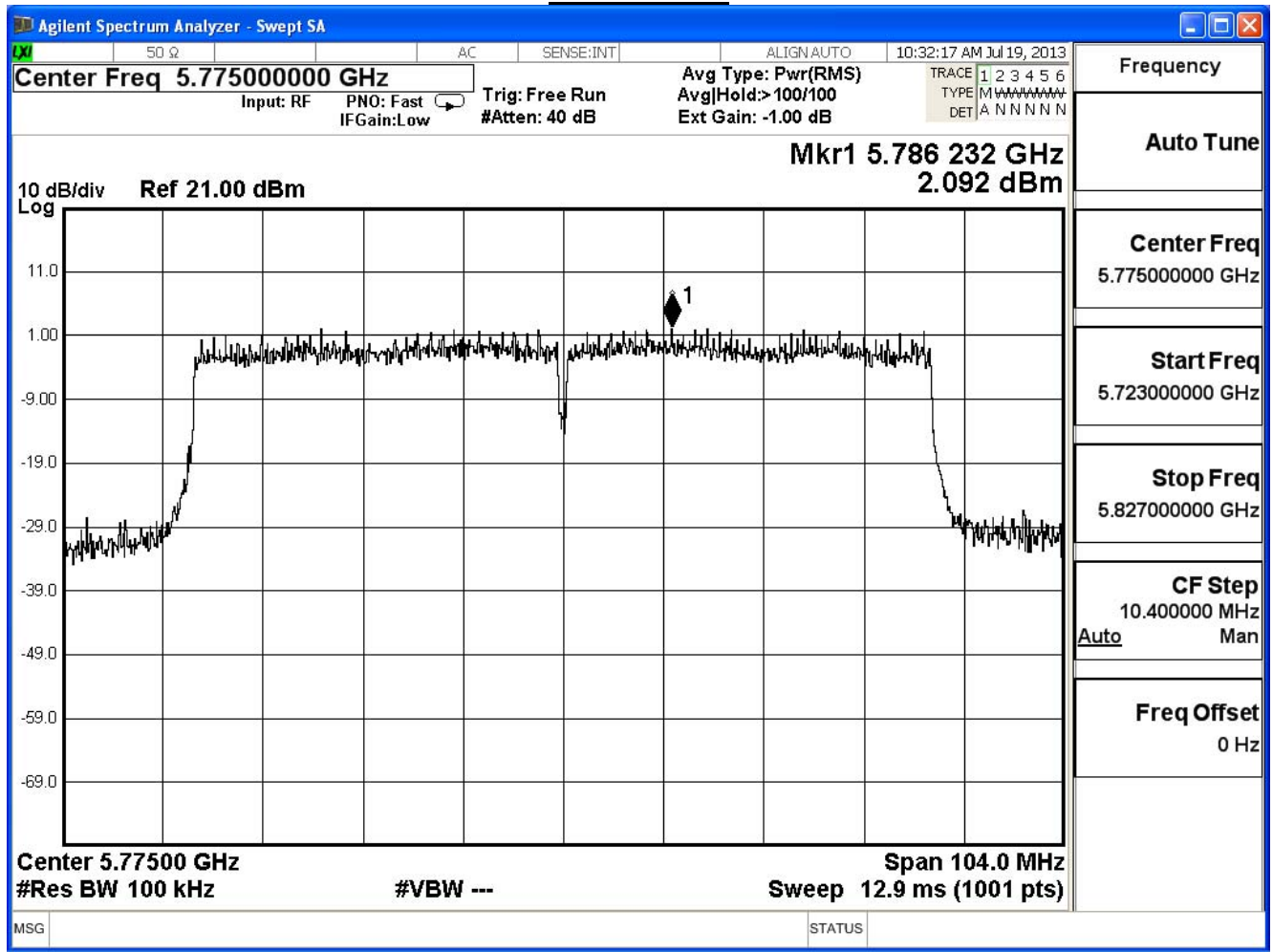
IEEE 802.11ac_80MHz (ANT 1)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	2.092	-13.11	≤ 5.19	Pass

Note:

Total Gain = Beamforming Gain + Max Gain = 4.77dB + 4.04dB = 8.81dBi

Required Limit = 8dBm - (8.81dBi - 6dBi) = 8 - 2.81 = 5.19 dBm

Channel 155



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

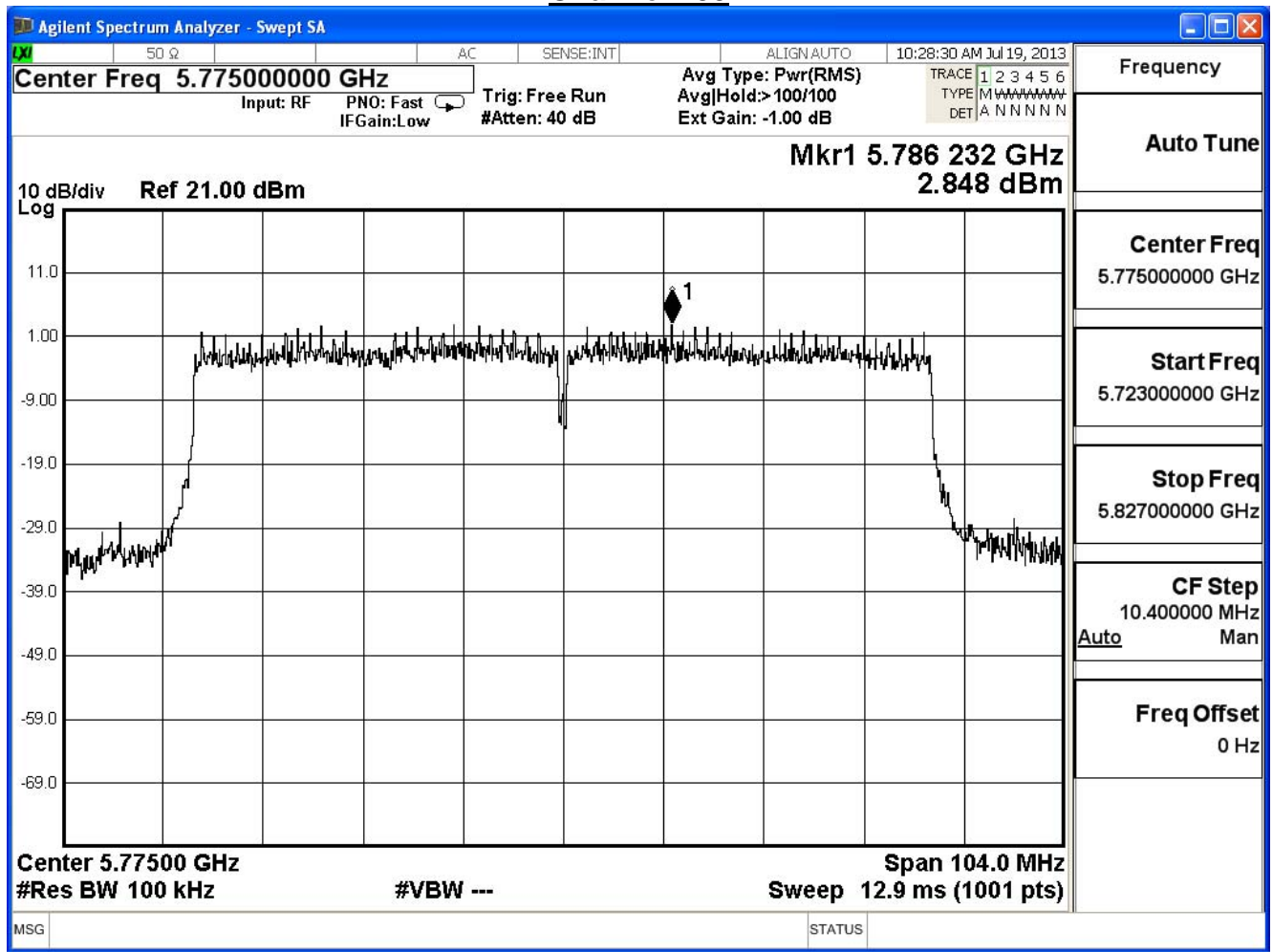
IEEE 802.11ac_80MHz (ANT 2)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	2.848	-12.35	≤ 5.19	Pass

Note:

Total Gain = Beamforming Gain + Max Gain = 4.77dB + 4.04dB = 8.81dBi

Required Limit = 8dBm - (8.81dBi - 6dBi) = 8 - 2.81 = 5.19 dBm

Channel 155



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Beamforming Mode) Adapter: EXA1206UH		
Date of Test	2013/07/19	Test Site	SR7

IEEE802.11ac_80MHz(ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-7.81	≤ 5.19	Pass

Note:

Total Gain = Beamforming Gain + Max Gain = 4.77dB + 4.04dB = 8.81dBi

Required Limit = 8dBm - (8.81dBi - 6dBi) = 8 - 2.81 = 5.19 dBm