

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	0.61	≤ 4.66	Pass
157	5785	0.36	≤ 4.66	Pass
165	5825	1.45	≤ 4.66	Pass

Directional Antenna: Array Gain =9.34 dBi

Power Density Limit:8dBm-(9.34dBi-6dB)= 4.66 dBm/MHz

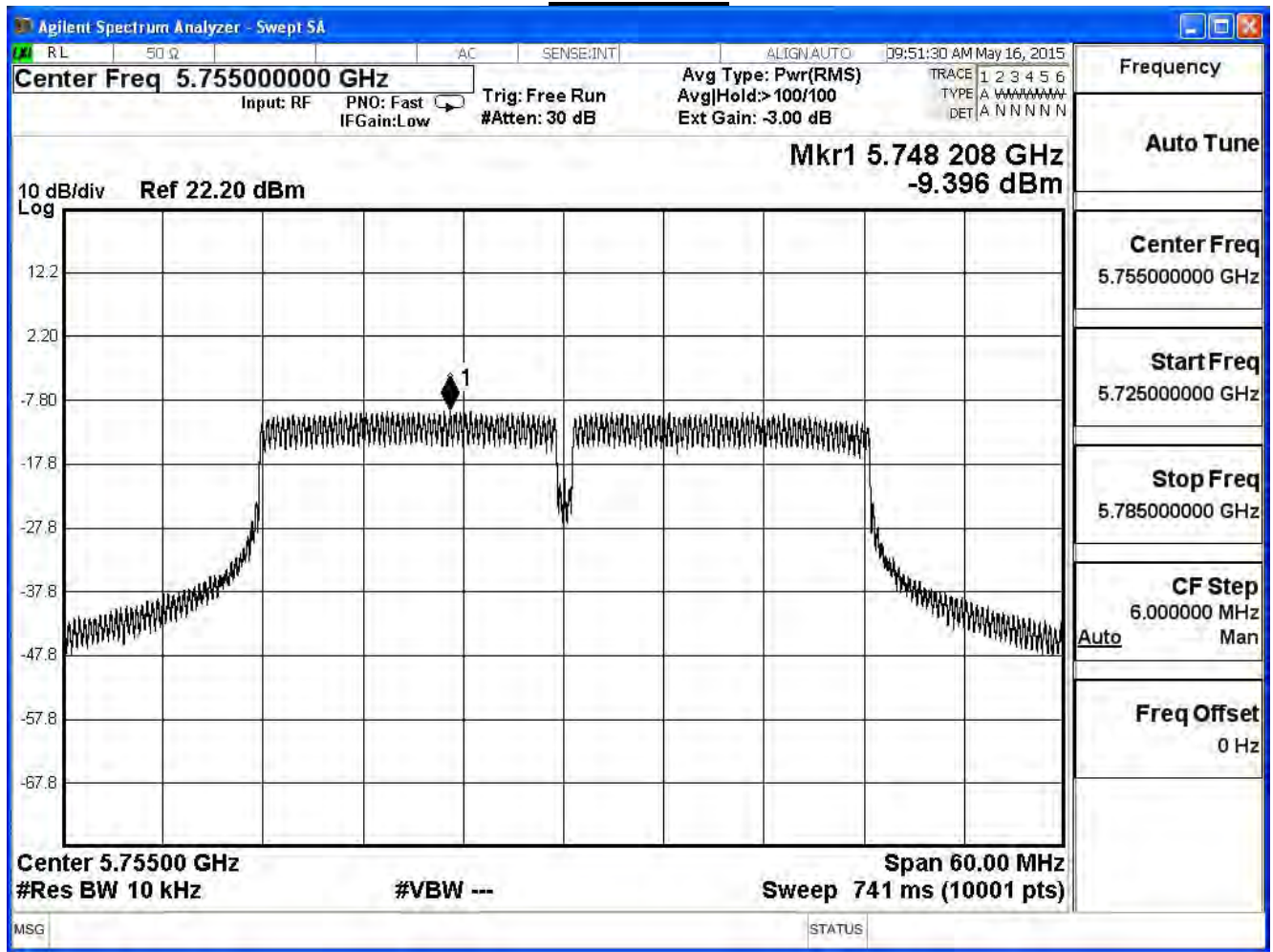
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n_40MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-9.40	≤ 4.66	Pass
159	5795	-7.86	≤ 4.66	Pass

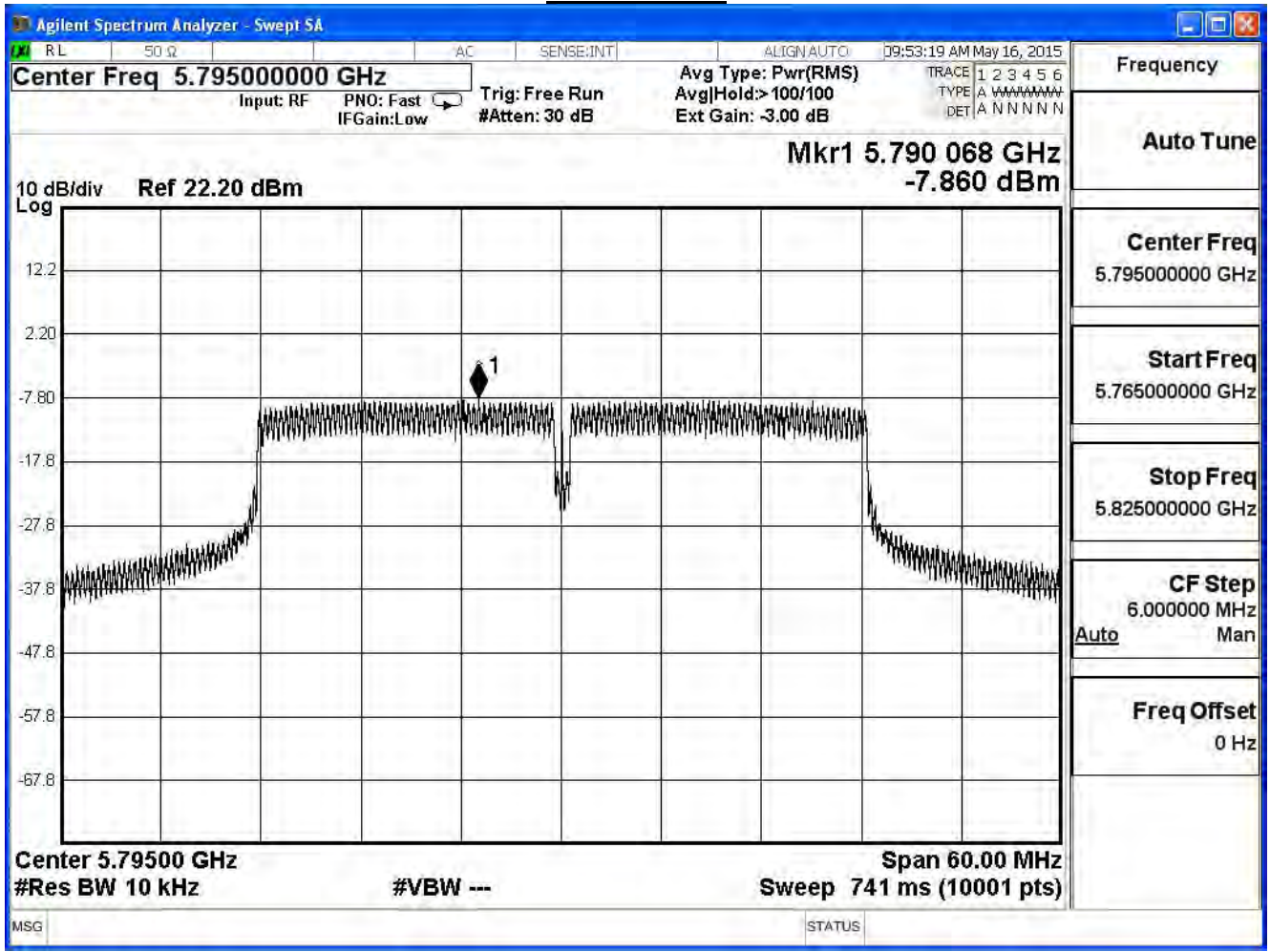
Directional Antenna: Array Gain =9.34 dBi

Power Density Limit:8dBm-(9.34dBi-6dB)= 4.66 dBm/MHz

Channel 151



Channel 159



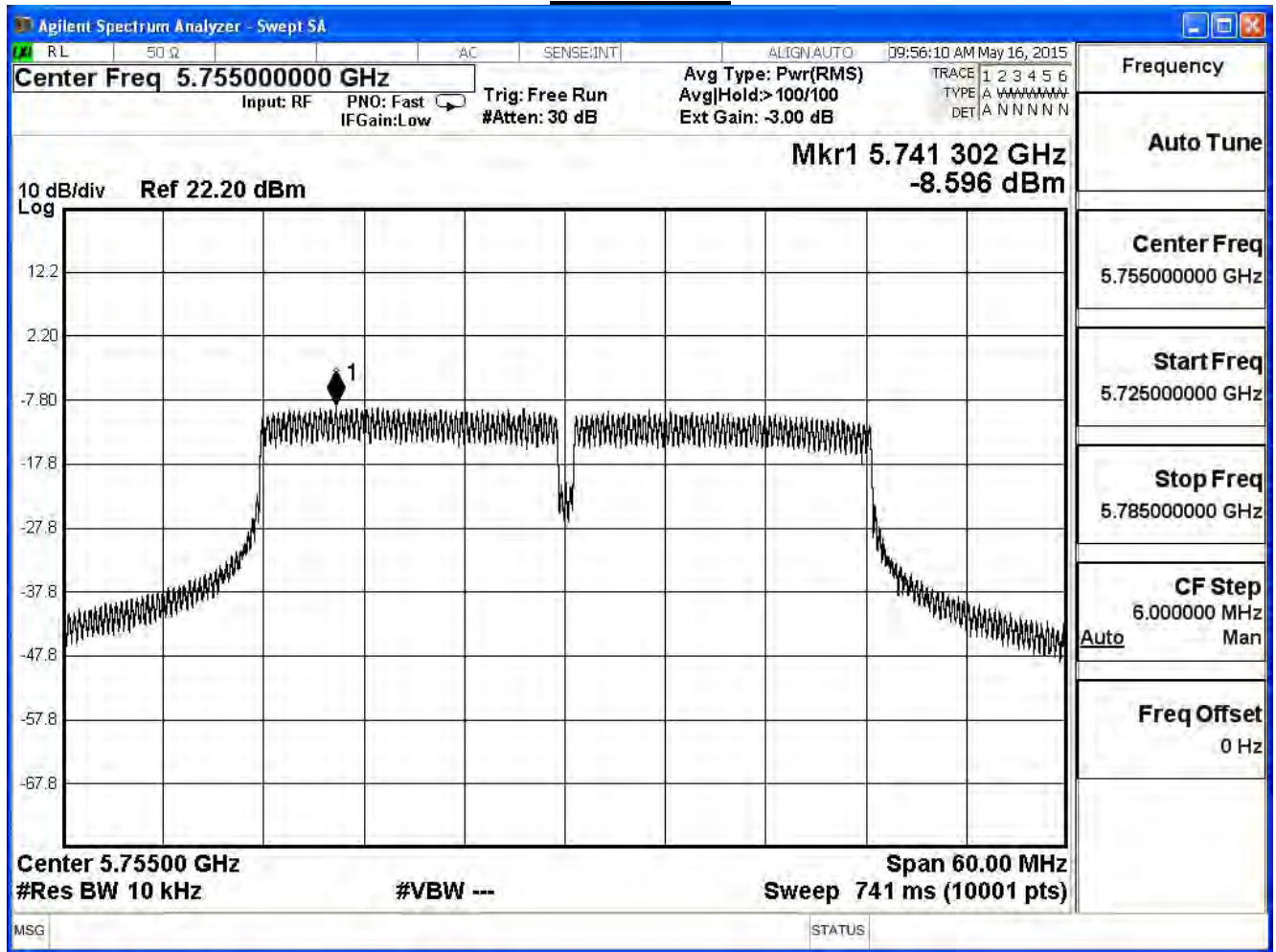
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n_40MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-8.60	≤ 4.66	Pass
159	5795	-4.94	≤ 4.66	Pass

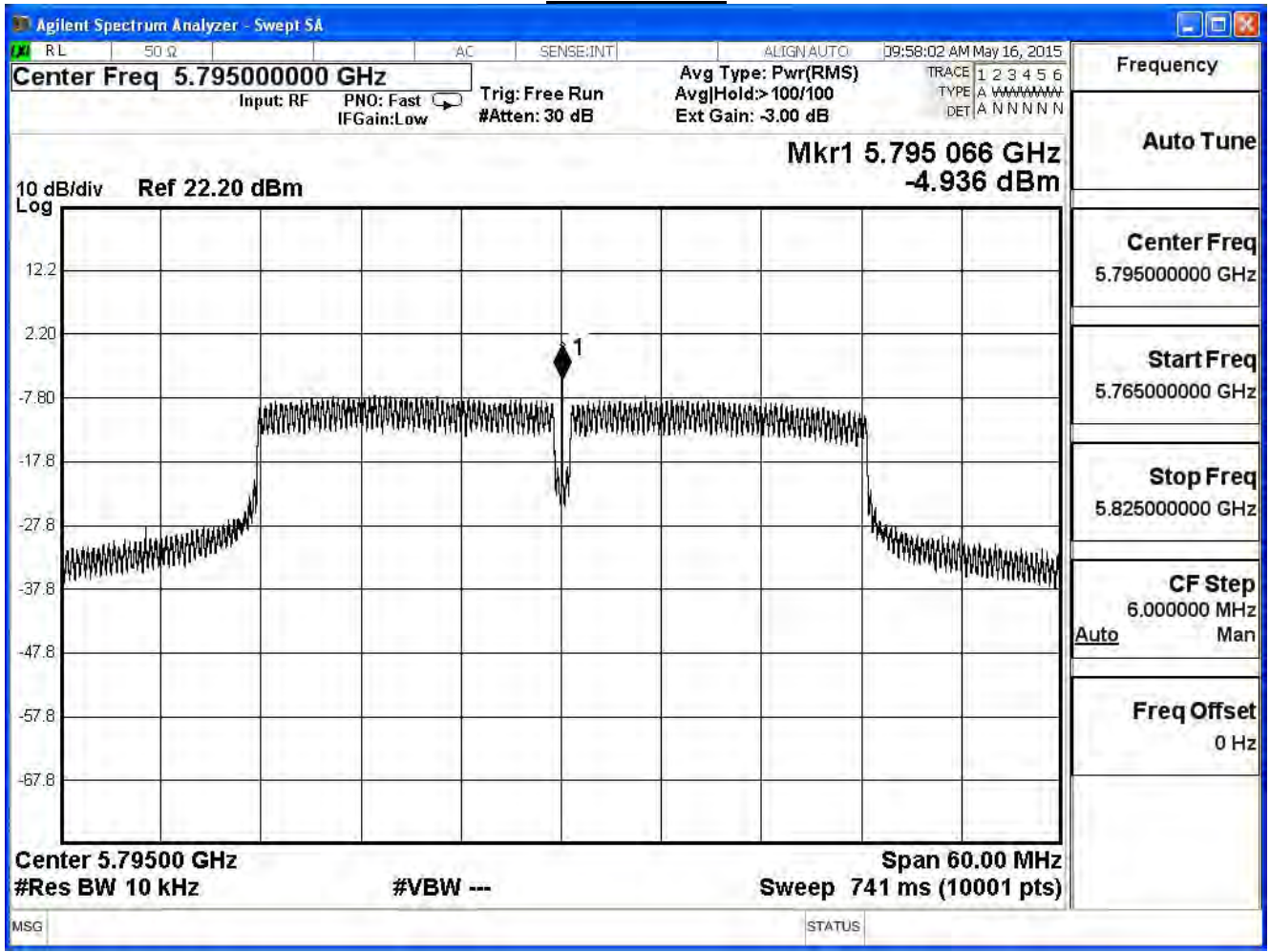
Directional Antenna: Array Gain =9.34 dBi

Power Density Limit:8dBm-(9.34dBi-6dB)= 4.66 dBm/MHz

Channel 151



Channel 159



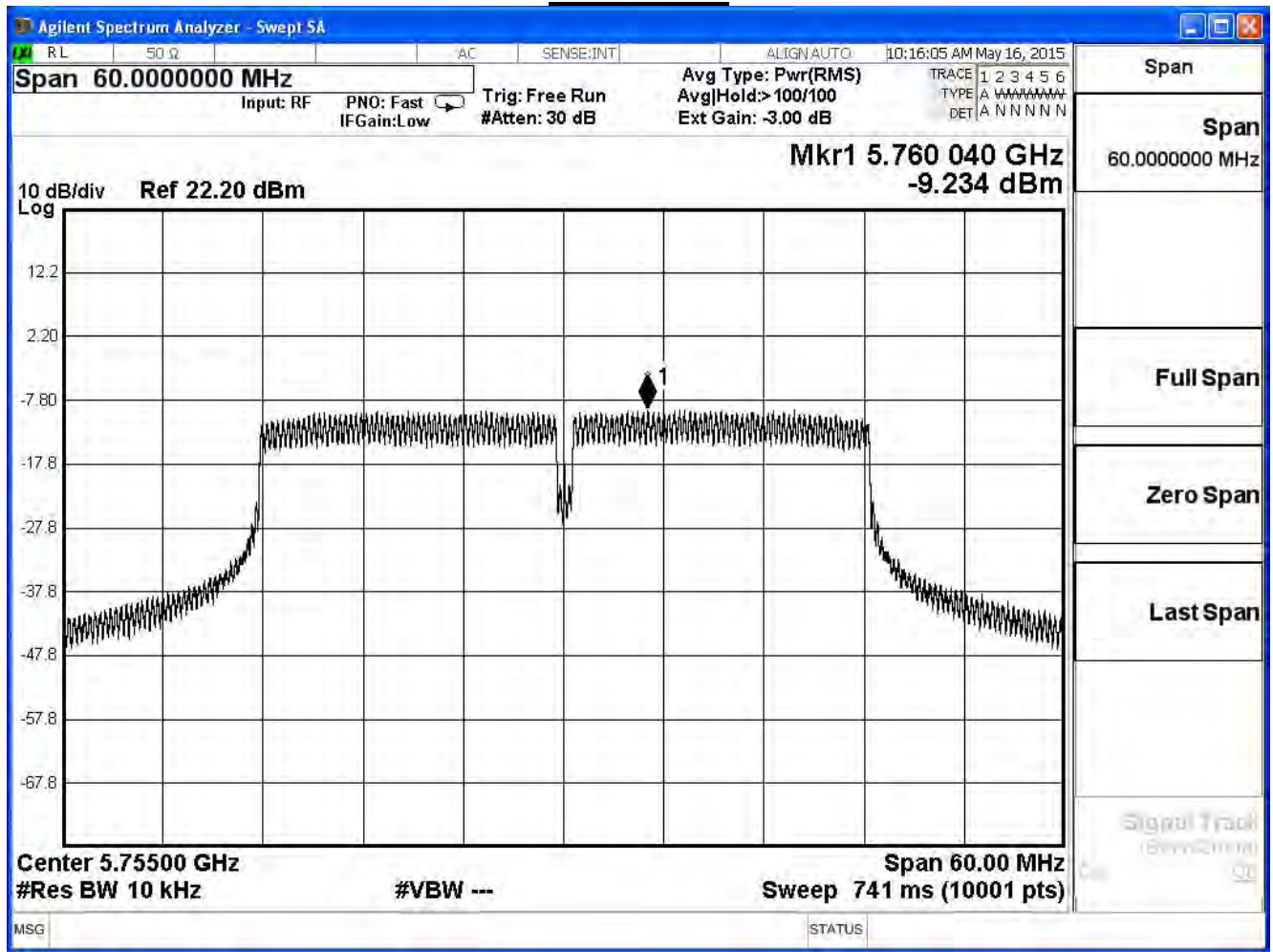
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n_40MHz (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-9.23	≤ 4.66	Pass
159	5795	-7.85	≤ 4.66	Pass

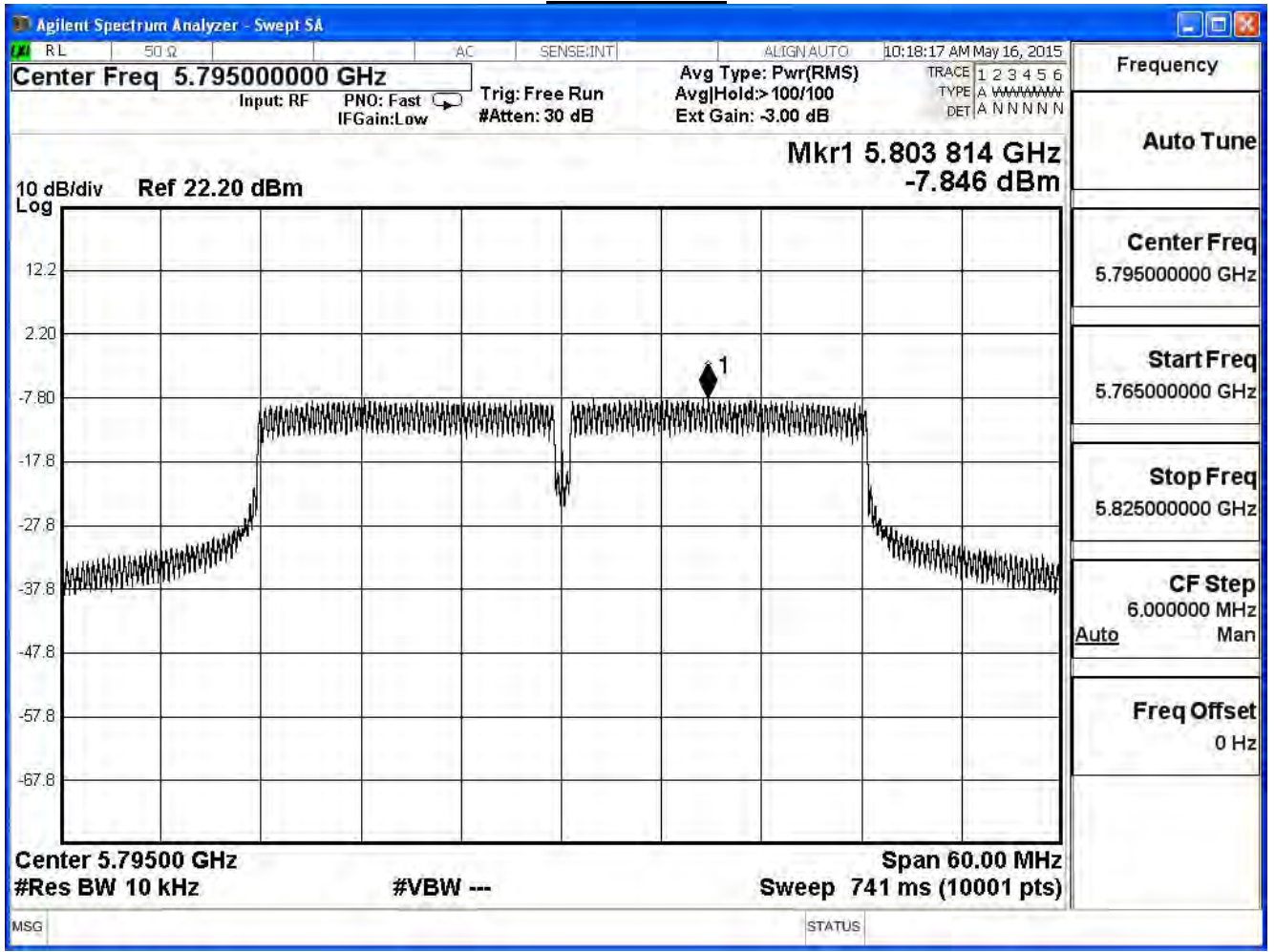
Directional Antenna: Array Gain =9.34 dBi

Power Density Limit:8dBm-(9.34dBi-6dB)= 4.66 dBm/MHz

Channel 151



Channel 159



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
151	5755	-4.29	≤ 4.66	Pass
159	5795	-1.88	≤ 4.66	Pass

Directional Antenna: Array Gain =9.34 dBi

Power Density Limit:8dBm-(9.34dBi-6dB)= 4.66 dBm/MHz

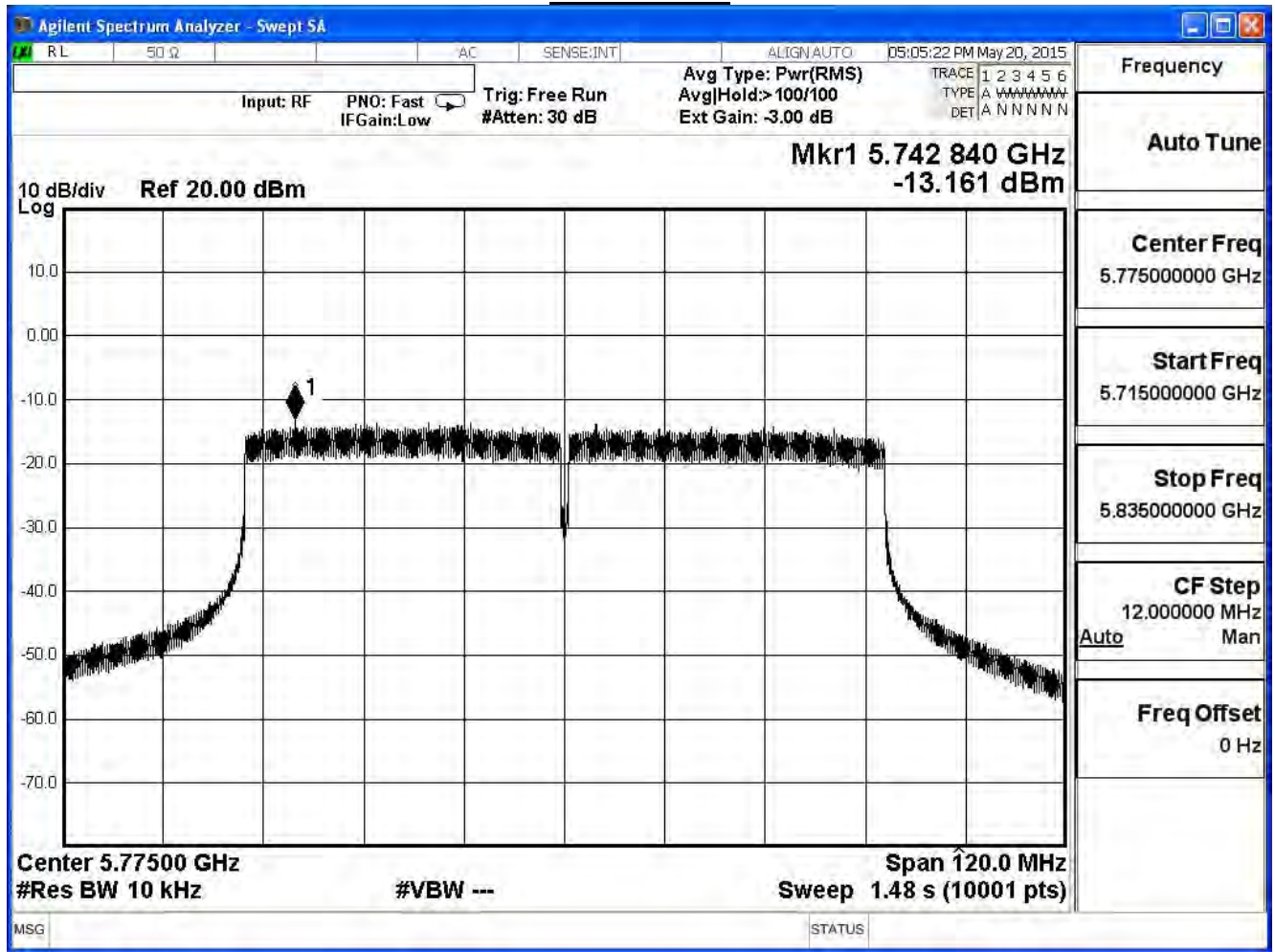
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11ac_80MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-13.16	≤ 4.66	Pass

Directional Antenna: Array Gain =9.34 dBi

Power Density Limit:8dBm-(9.34dBi-6dB)= 4.66 dBm/MHz

Channel 155



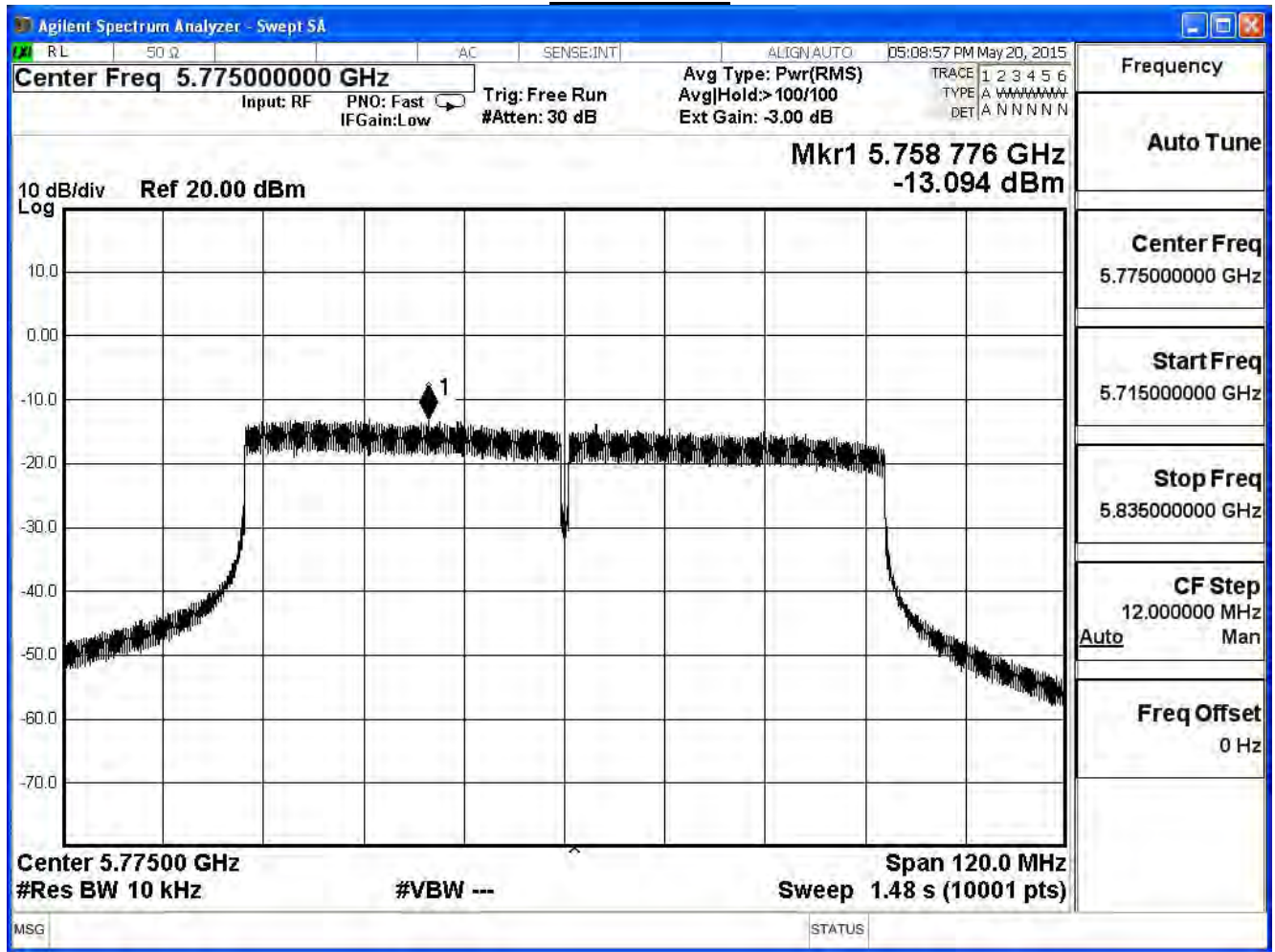
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11ac_80MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-13.09	≤ 4.66	Pass

Directional Antenna: Array Gain =9.34 dBi

Power Density Limit:8dBm-(9.34dBi-6dB)= 4.66 dBm/MHz

Channel 155



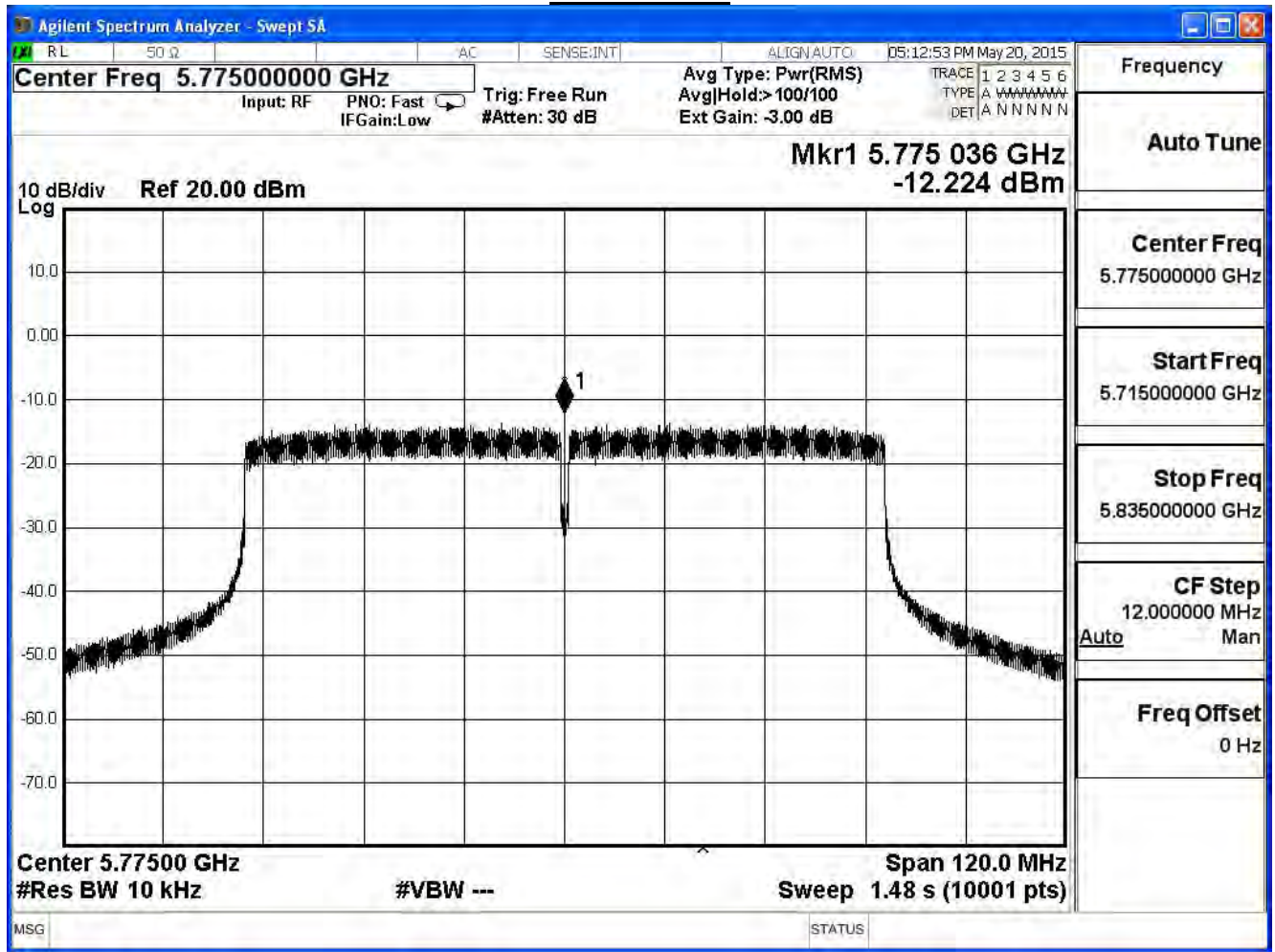
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11ac_80MHz (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-12.22	≤ 4.66	Pass

Directional Antenna: Array Gain =9.34 dBi

Power Density Limit:8dBm-(9.34dBi-6dB)= 4.66 dBm/MHz

Channel 155



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
155	5775	-8.03	≤ 4.66	Pass

Directional Antenna: Array Gain =9.34 dBi

Power Density Limit:8dBm-(9.34dBi-6dB)= 4.66 dBm/MHz

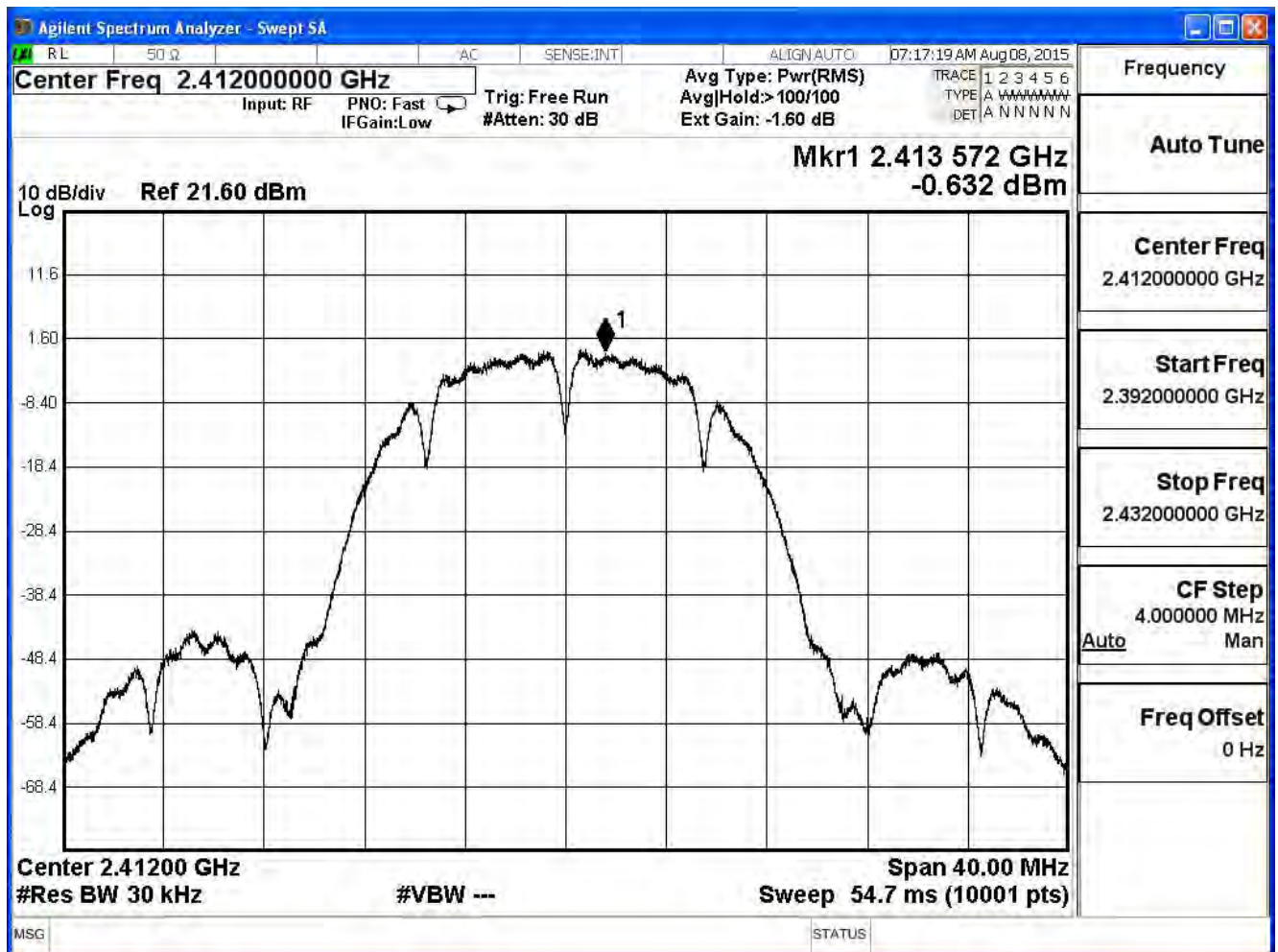
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/08/10	Test Site	SR7

IEEE 802.11b (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-0.632	≤ 7.56	Pass
6	2437	1.982	≤ 7.56	Pass
11	2462	-2.302	≤ 7.56	Pass

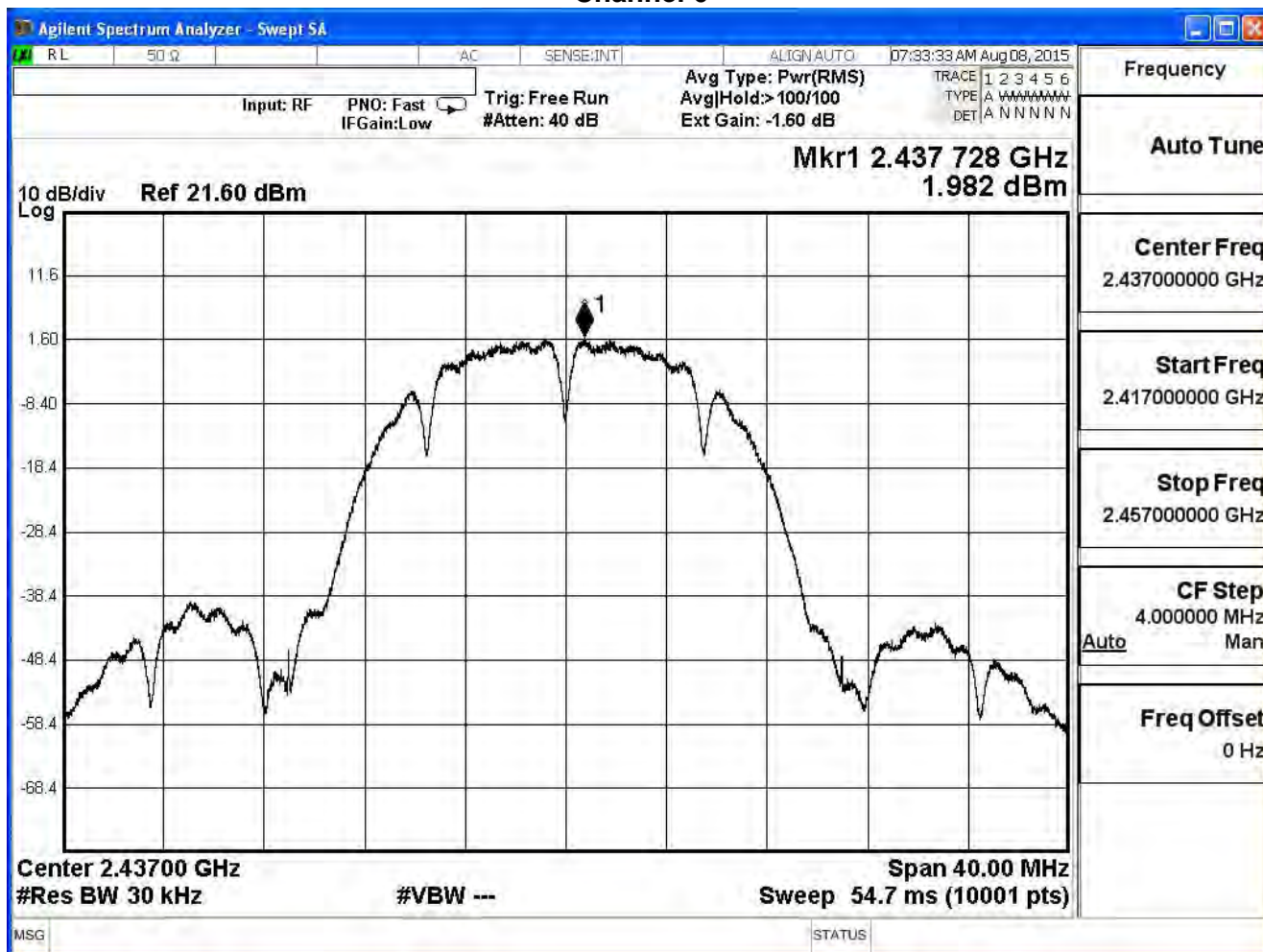
Directional Antenna: Array Gain =6.35 dBi

Power Density Limit:8dBm-(6.35dBi-6dB)= 7.56dBm/MHz

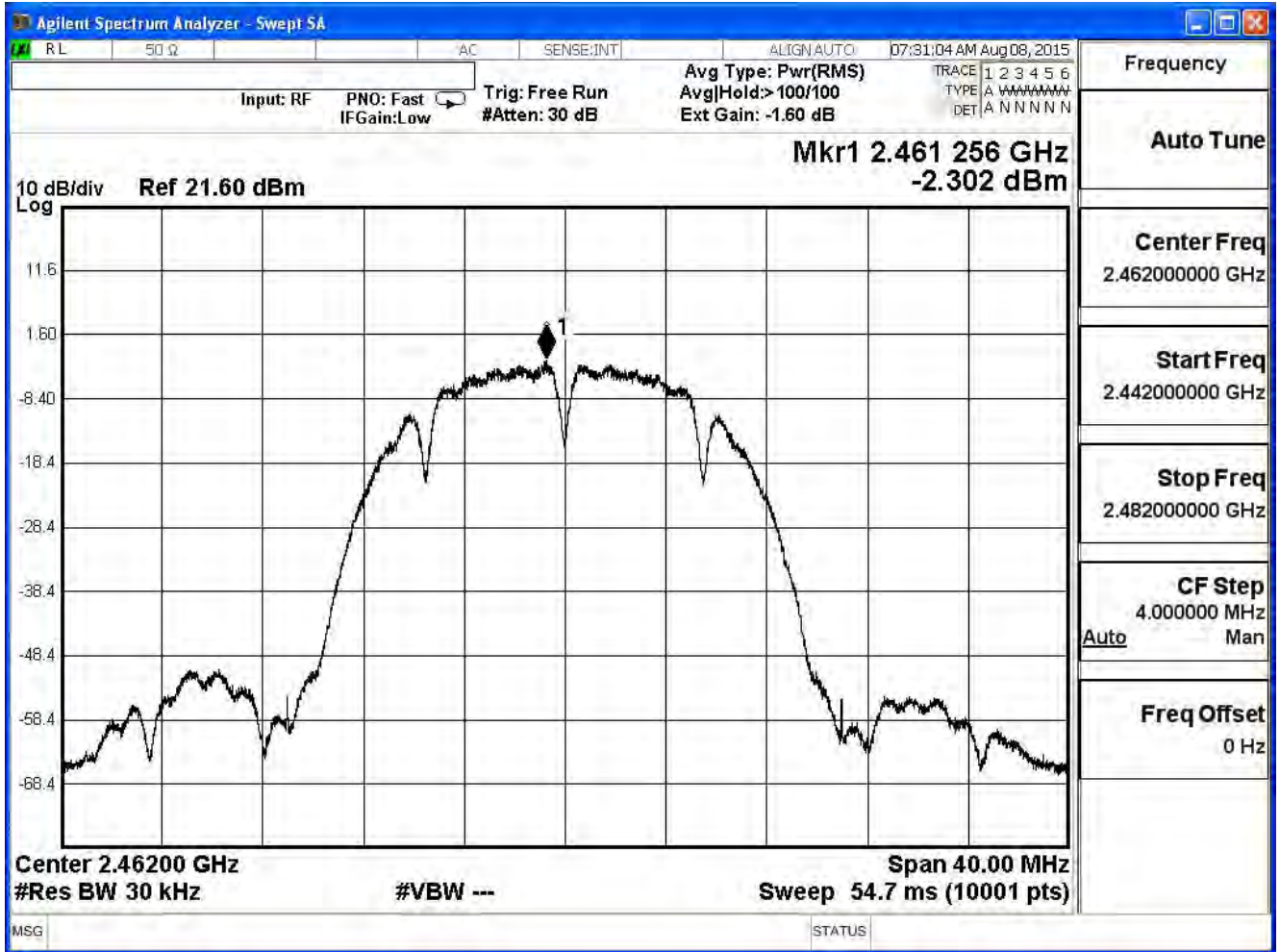
Channel 1



Channel 6



Channel 11



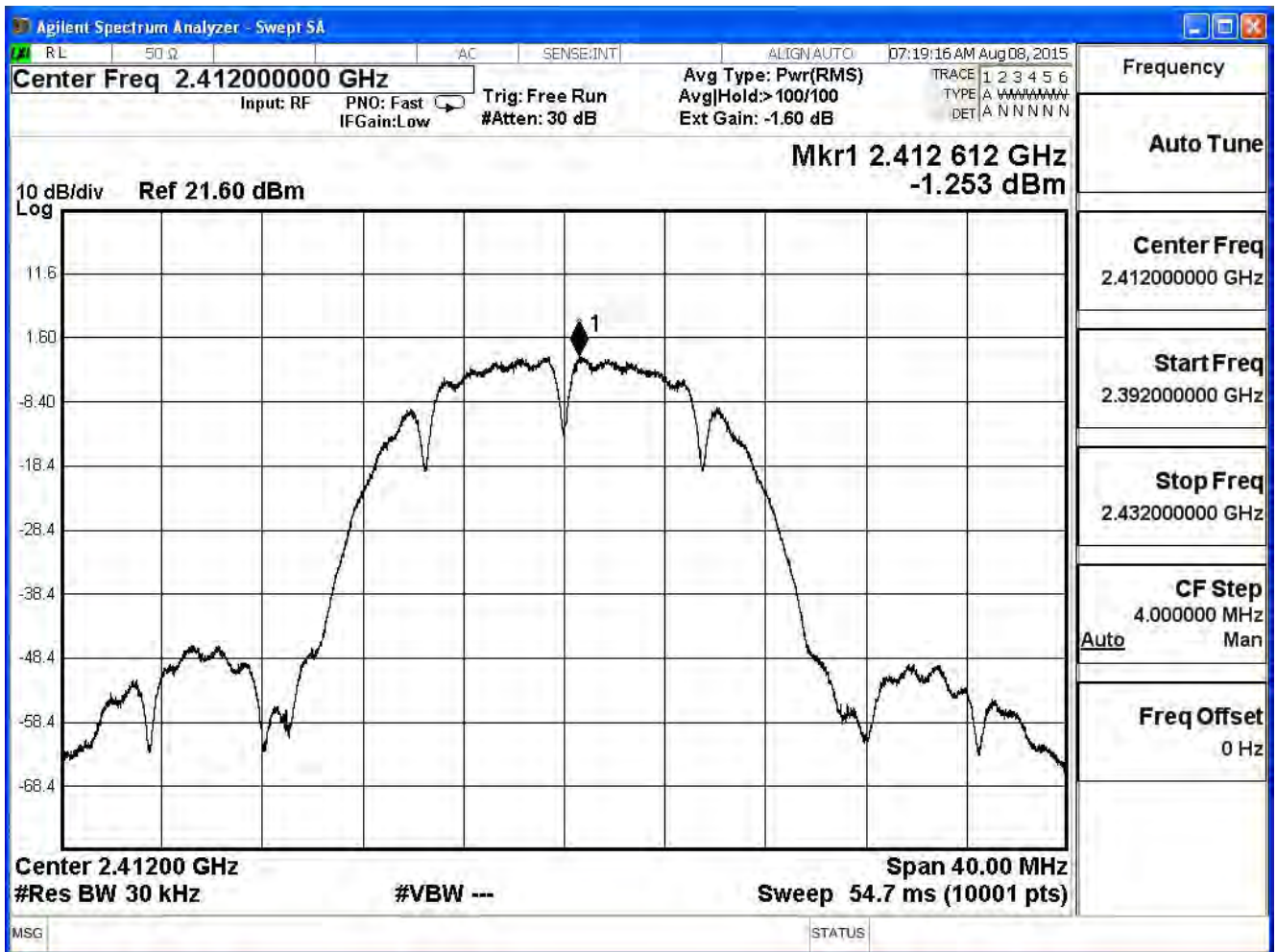
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/08/10	Test Site	SR7

IEEE 802.11b (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-1.253	≤ 7.56	Pass
6	2437	2.029	≤ 7.56	Pass
11	2462	-2.880	≤ 7.56	Pass

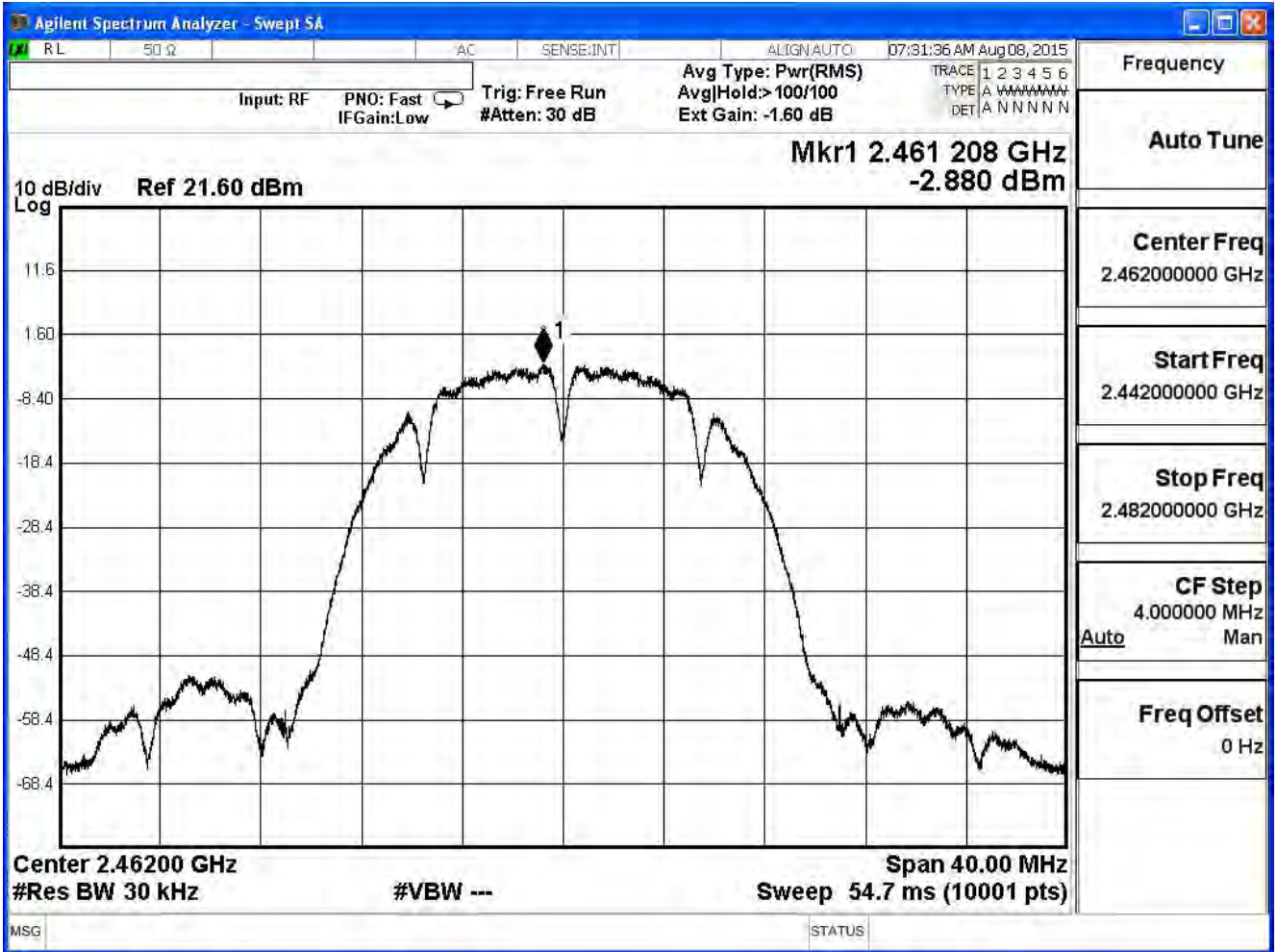
Directional Antenna: Array Gain =6.35 dBi

Power Density Limit:8dBm-(6.35dBi-6dB)= 7.56dBm/MHz

Channel 1



Channel 11



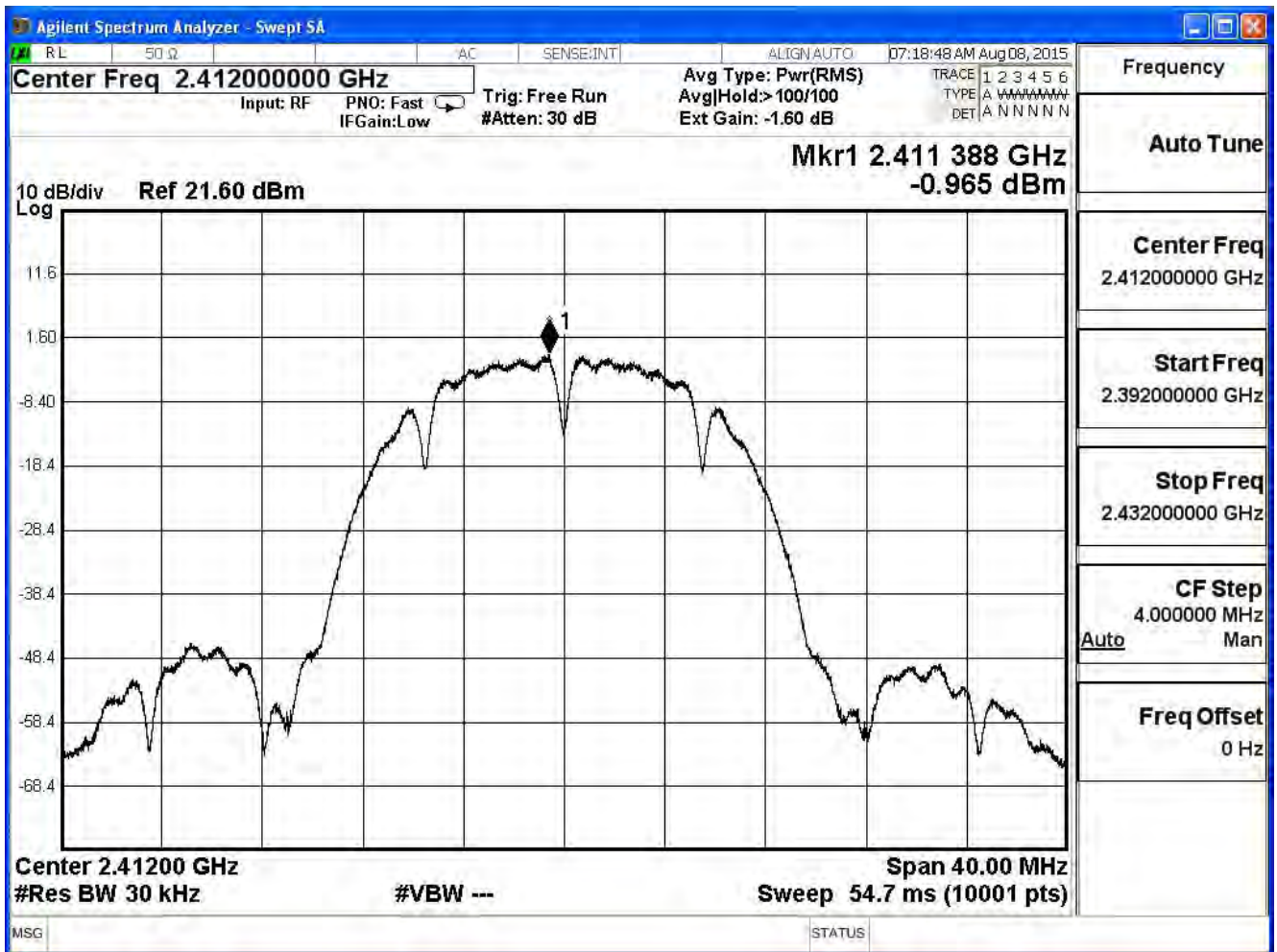
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/08/10	Test Site	SR7

IEEE 802.11b (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-0.965	≤ 7.56	Pass
6	2437	2.122	≤ 7.56	Pass
11	2462	-2.714	≤ 7.56	Pass

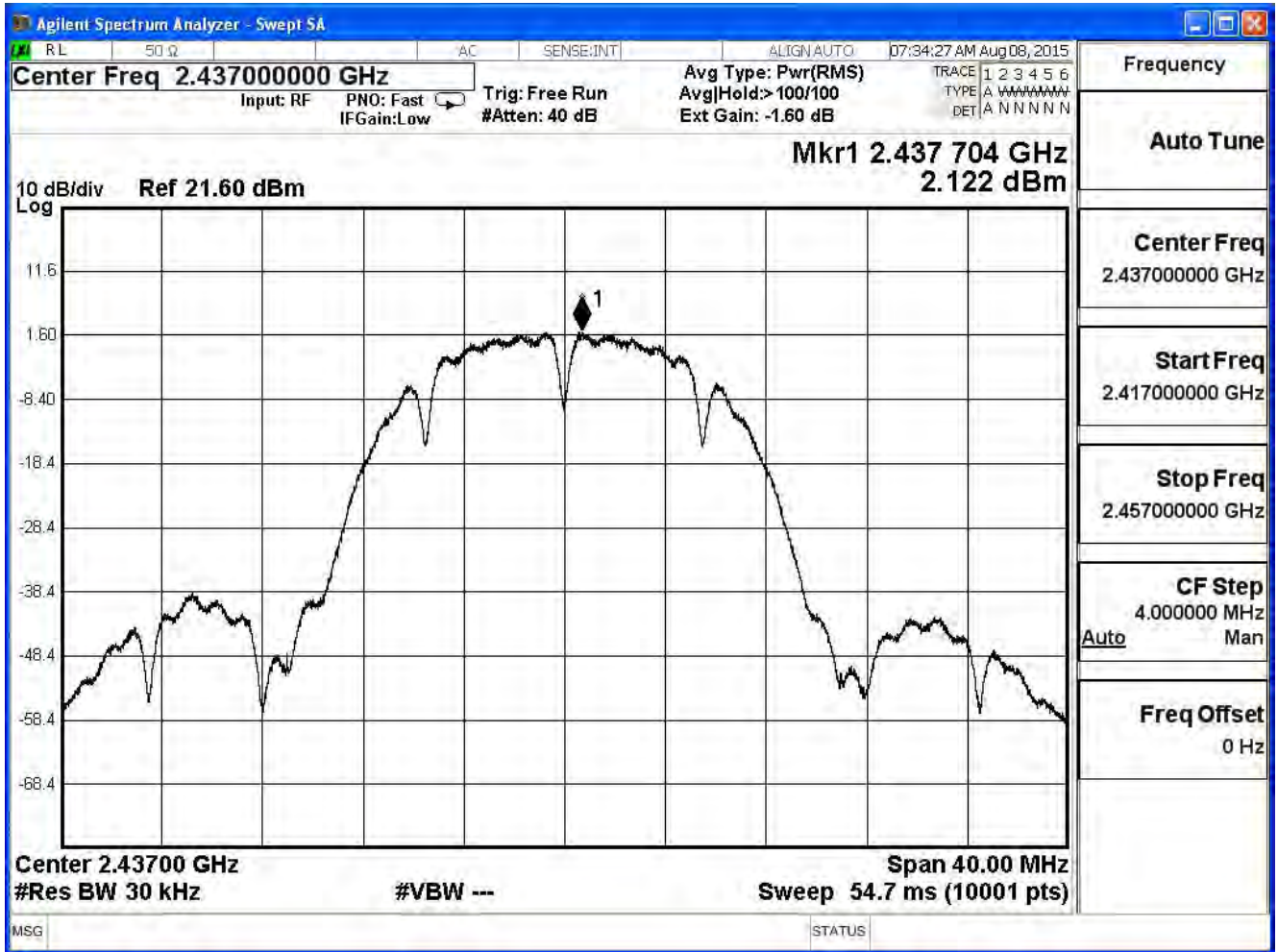
Directional Antenna: Array Gain =6.35 dBi

Power Density Limit:8dBm-(6.35dBi-6dB)= 7.56dBm/MHz

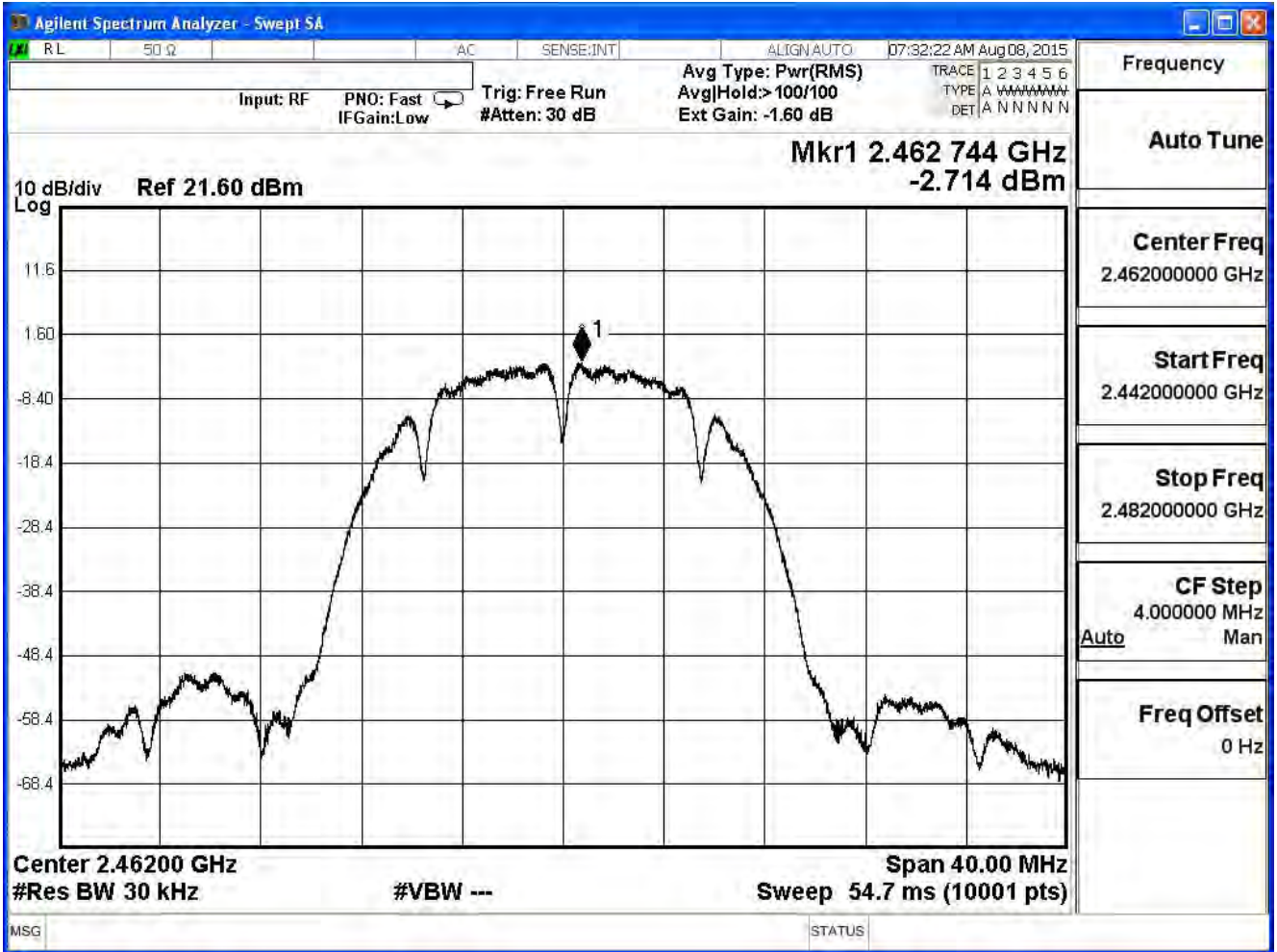
Channel 1



Channel 6



Channel 11



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/08/10	Test Site	SR7

IEEE 802.11b (ANT 0+1+2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	3.829	≤ 7.56	Pass
6	2437	6.816	≤ 7.56	Pass
11	2462	2.146	≤ 7.56	Pass

Directional Antenna: Array Gain =6.35 dBi

Power Density Limit:8dBm-(6.35dBi-6dB)= 7.56dBm/MHz

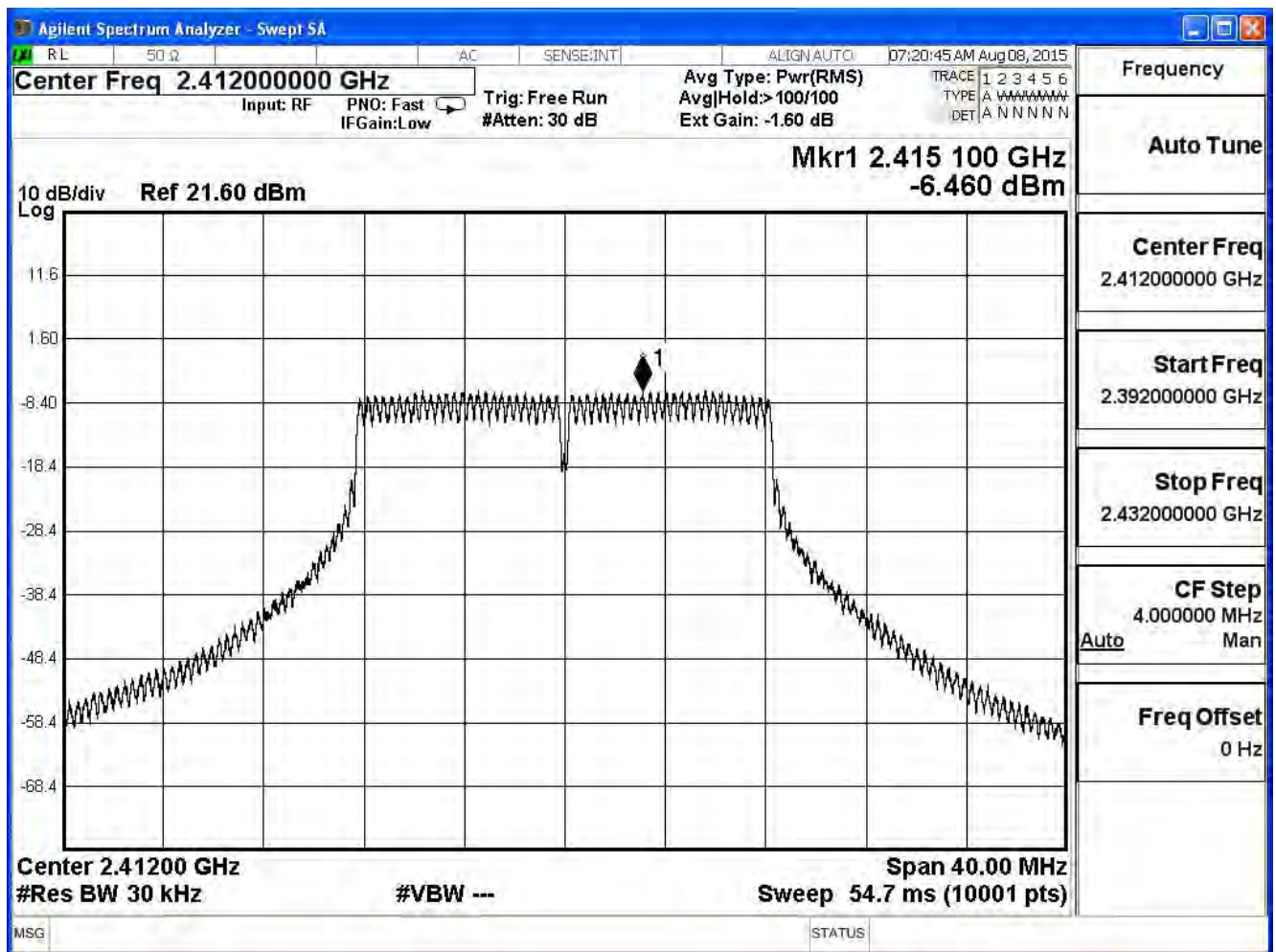
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/08/10	Test Site	SR7

IEEE 802.11g (ANT 0)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
1	2412	-6.460	≤ 7.56	Pass
6	2437	0.437	≤ 7.56	Pass
11	2462	-6.235	≤ 7.56	Pass

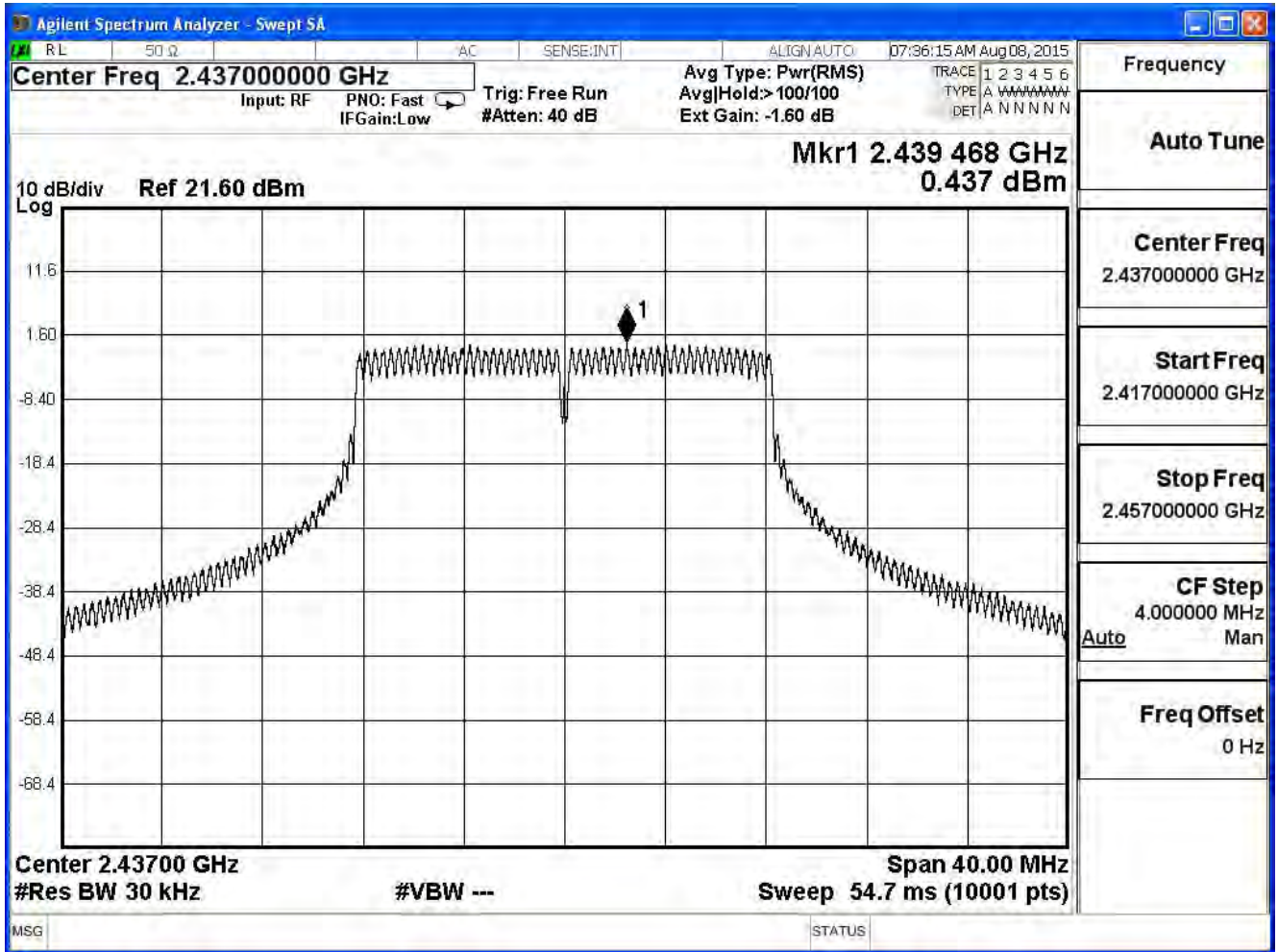
Directional Antenna: Array Gain =6.35 dBi

Power Density Limit:8dBm-(6.35dBi-6dB)= 7.56dBm/MHz

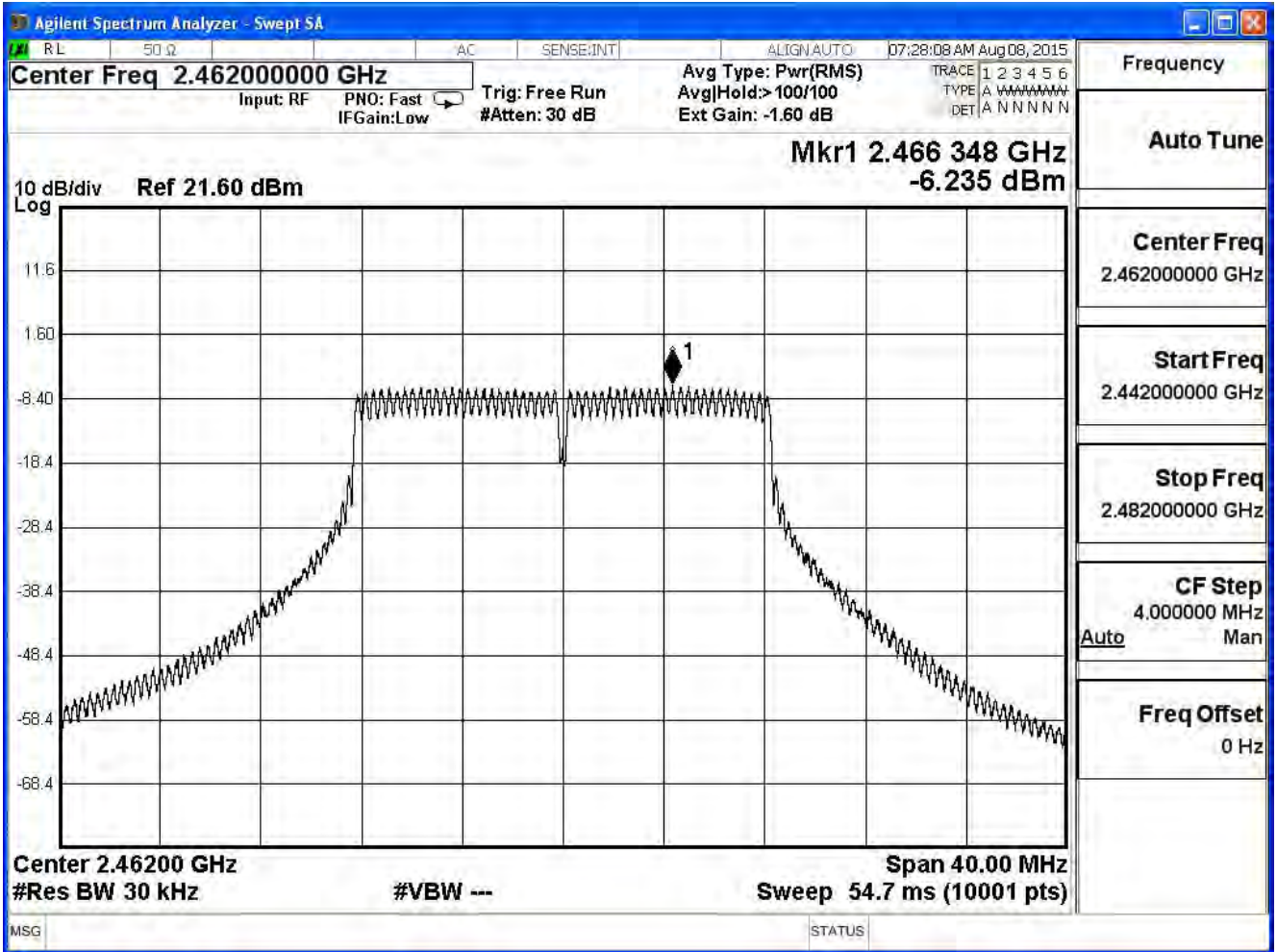
Channel 1



Channel 6



Channel 11



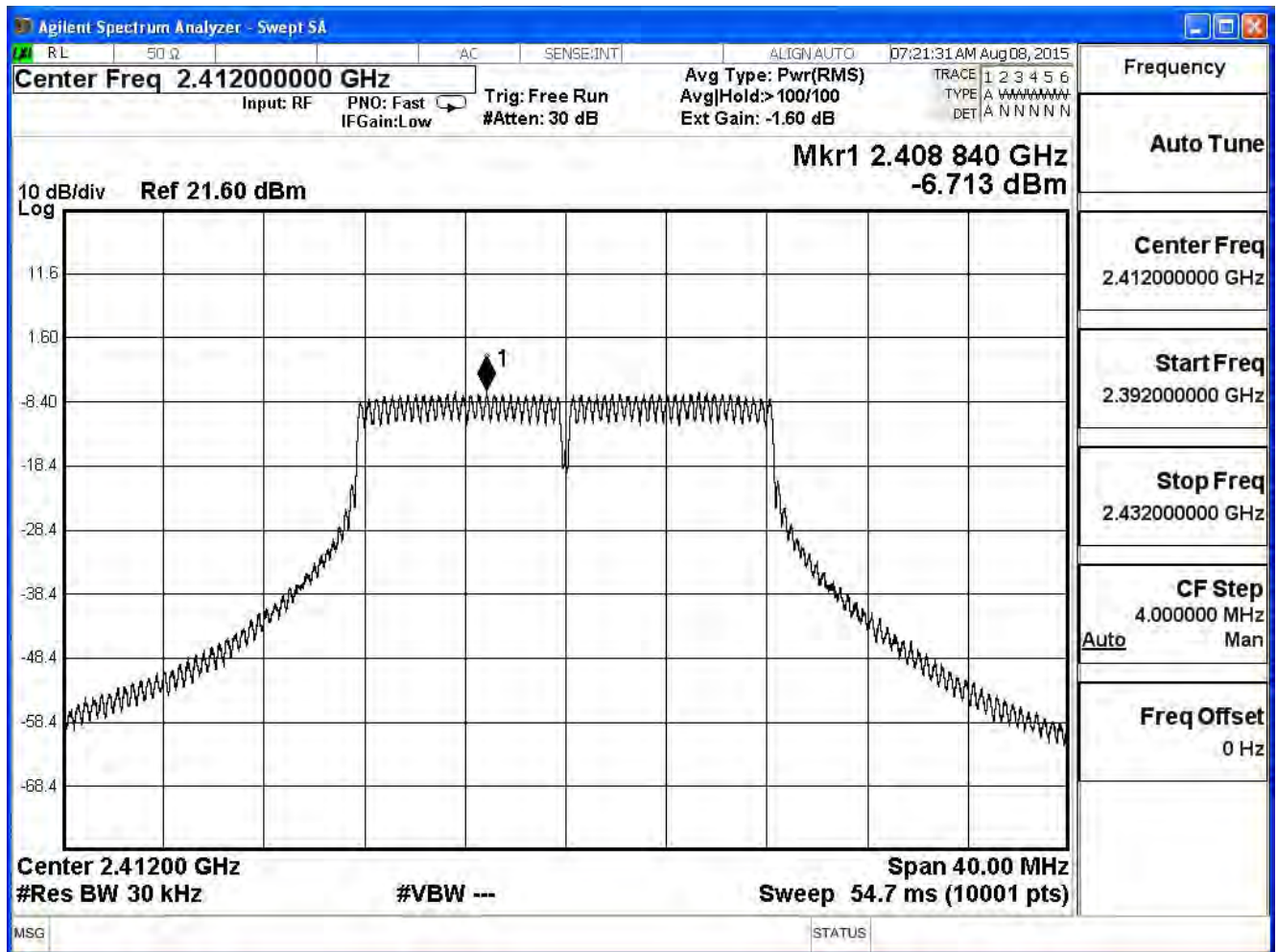
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/08/10	Test Site	SR7

IEEE 802.11g (ANT 1)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
1	2412	-6.713	≤ 7.56	Pass
6	2437	0.298	≤ 7.56	Pass
11	2462	-6.396	≤ 7.56	Pass

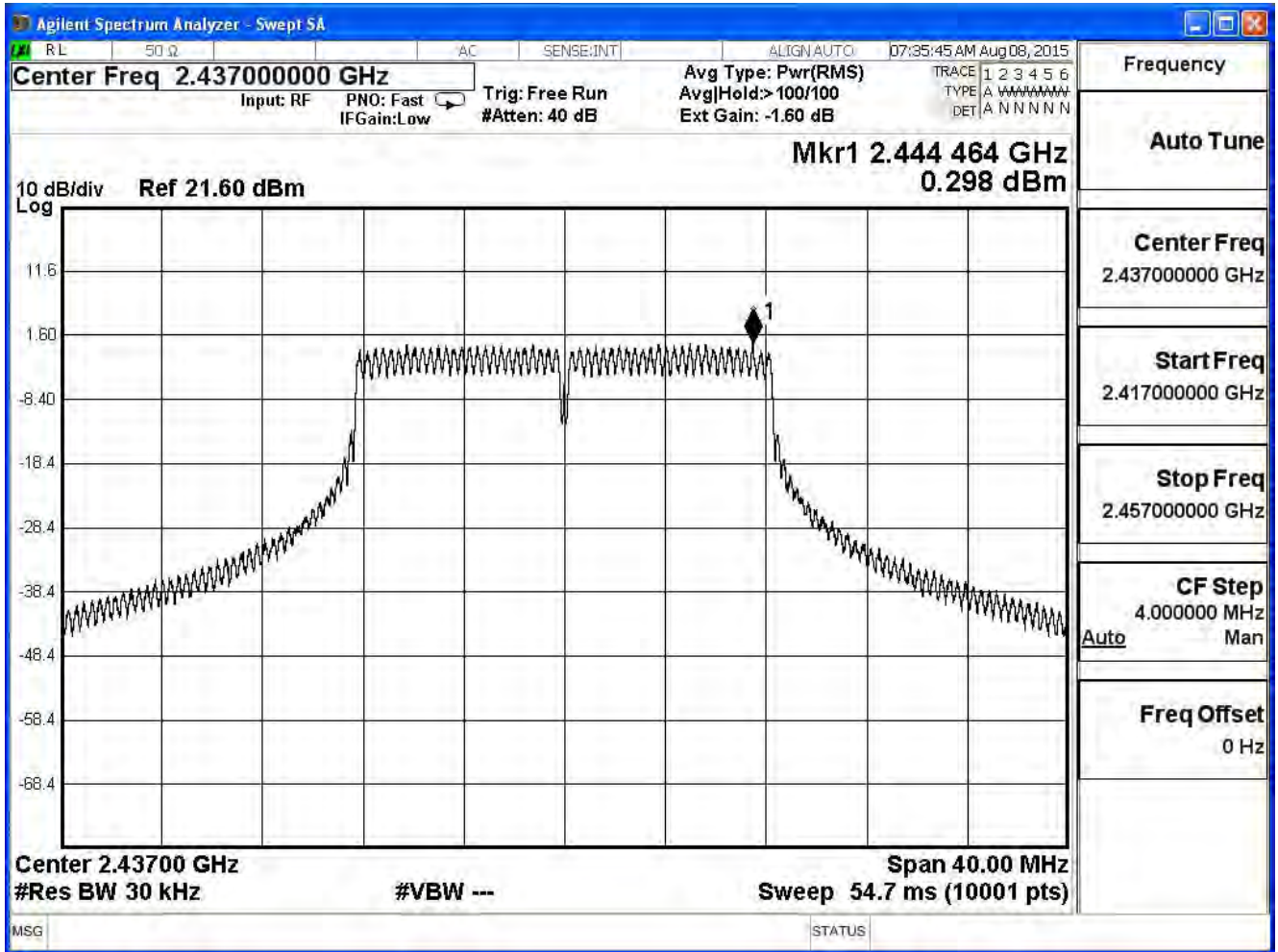
Directional Antenna: Array Gain =6.35 dBi

Power Density Limit:8dBm-(6.35dBi-6dB)= 7.56dBm/MHz

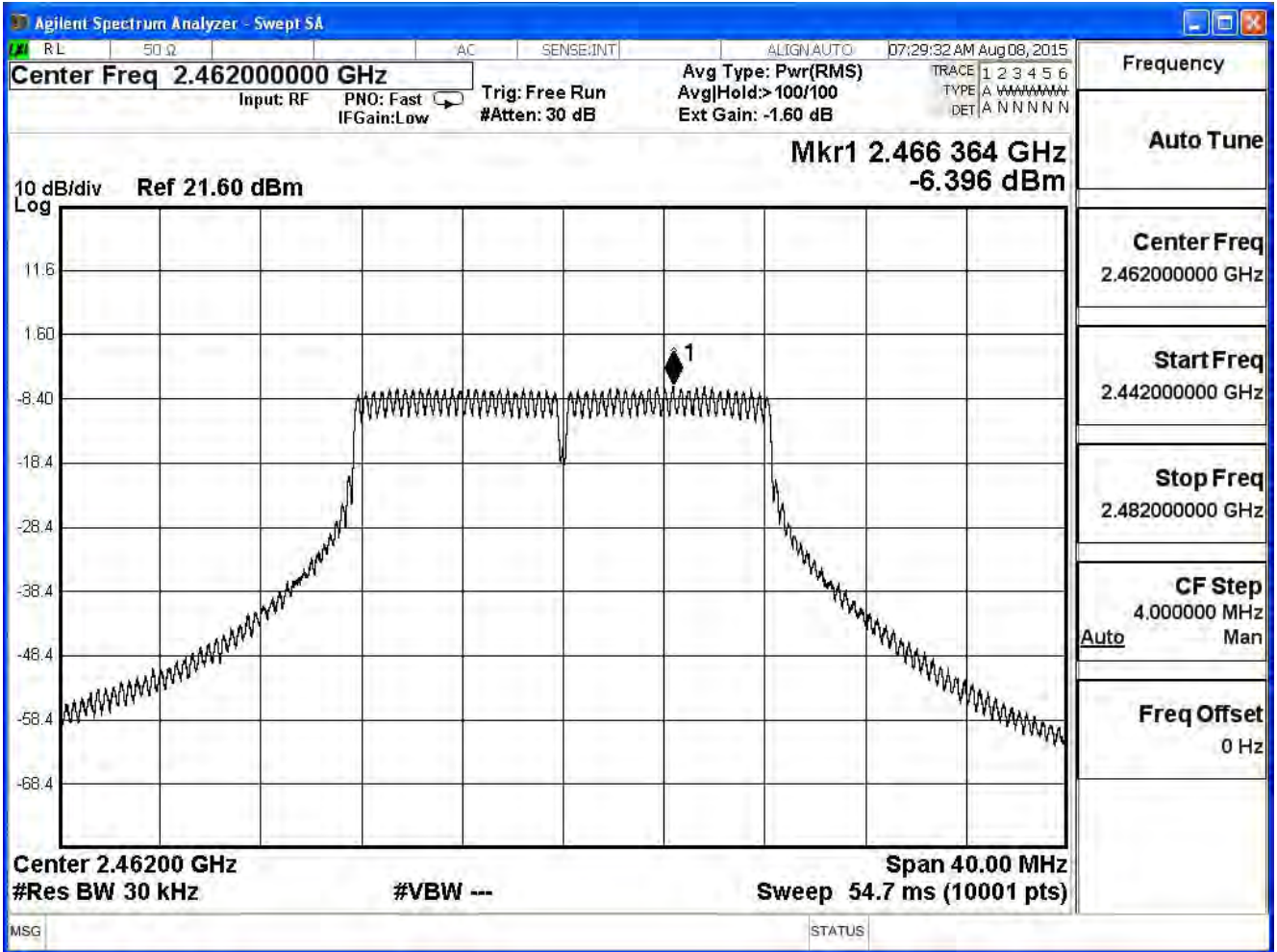
Channel 1



Channel 6



Channel 11



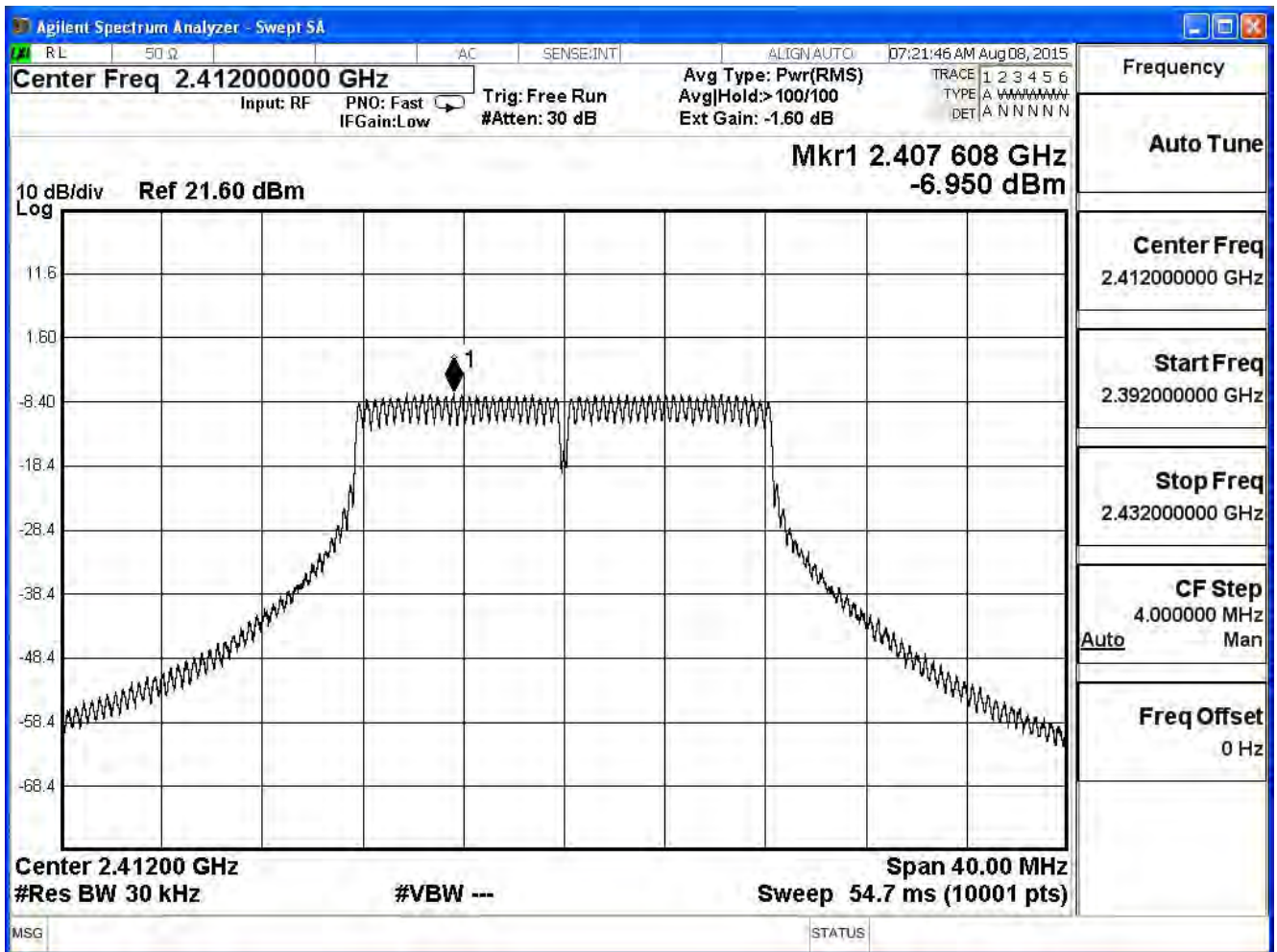
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/08/10	Test Site	SR7

IEEE 802.11g (ANT 2)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
1	2412	-6.950	≤ 7.56	Pass
6	2437	0.054	≤ 7.56	Pass
11	2462	-6.555	≤ 7.56	Pass

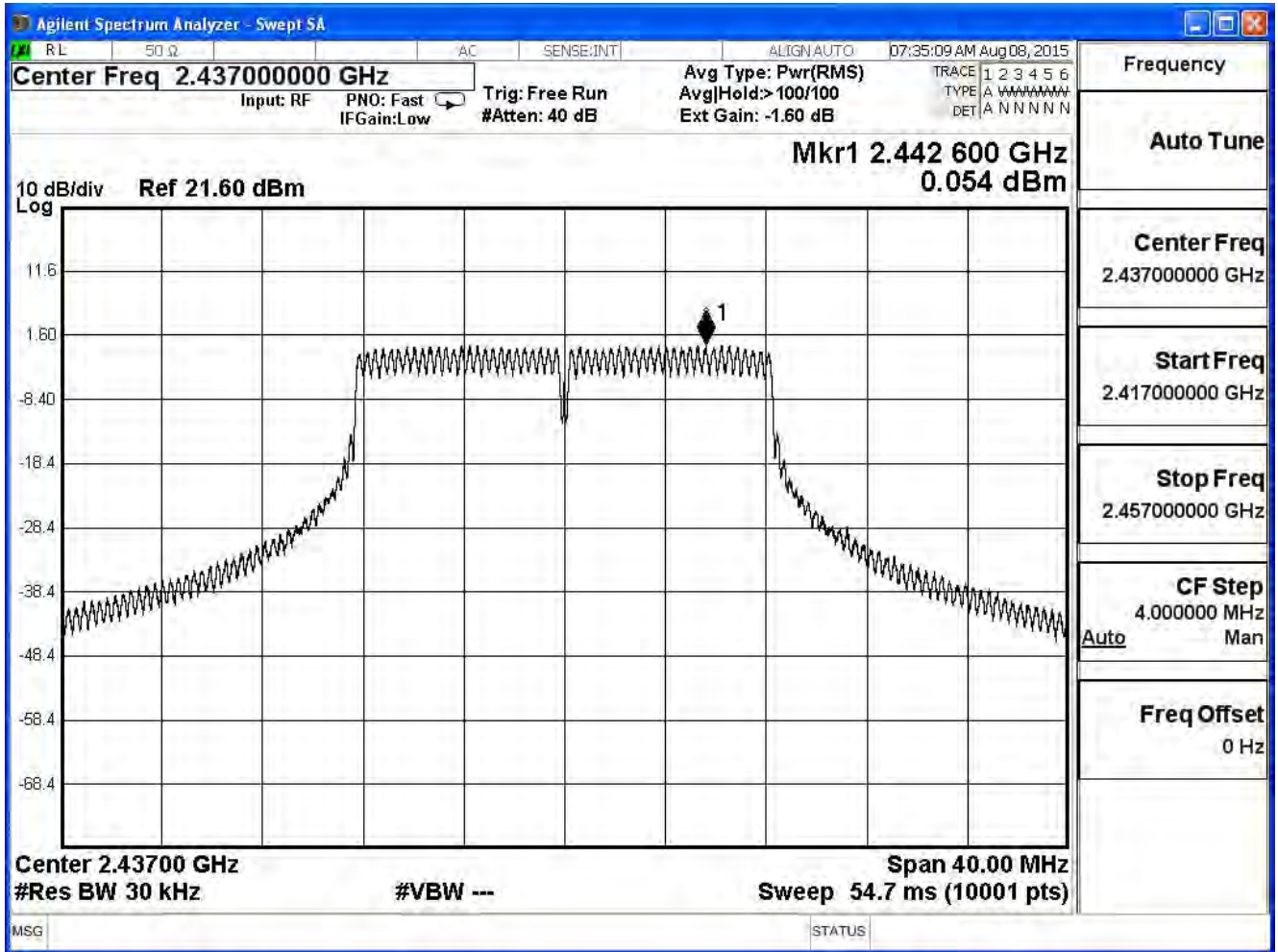
Directional Antenna: Array Gain =6.35 dBi

Power Density Limit:8dBm-(6.35dBi-6dB)= 7.56dBm/MHz

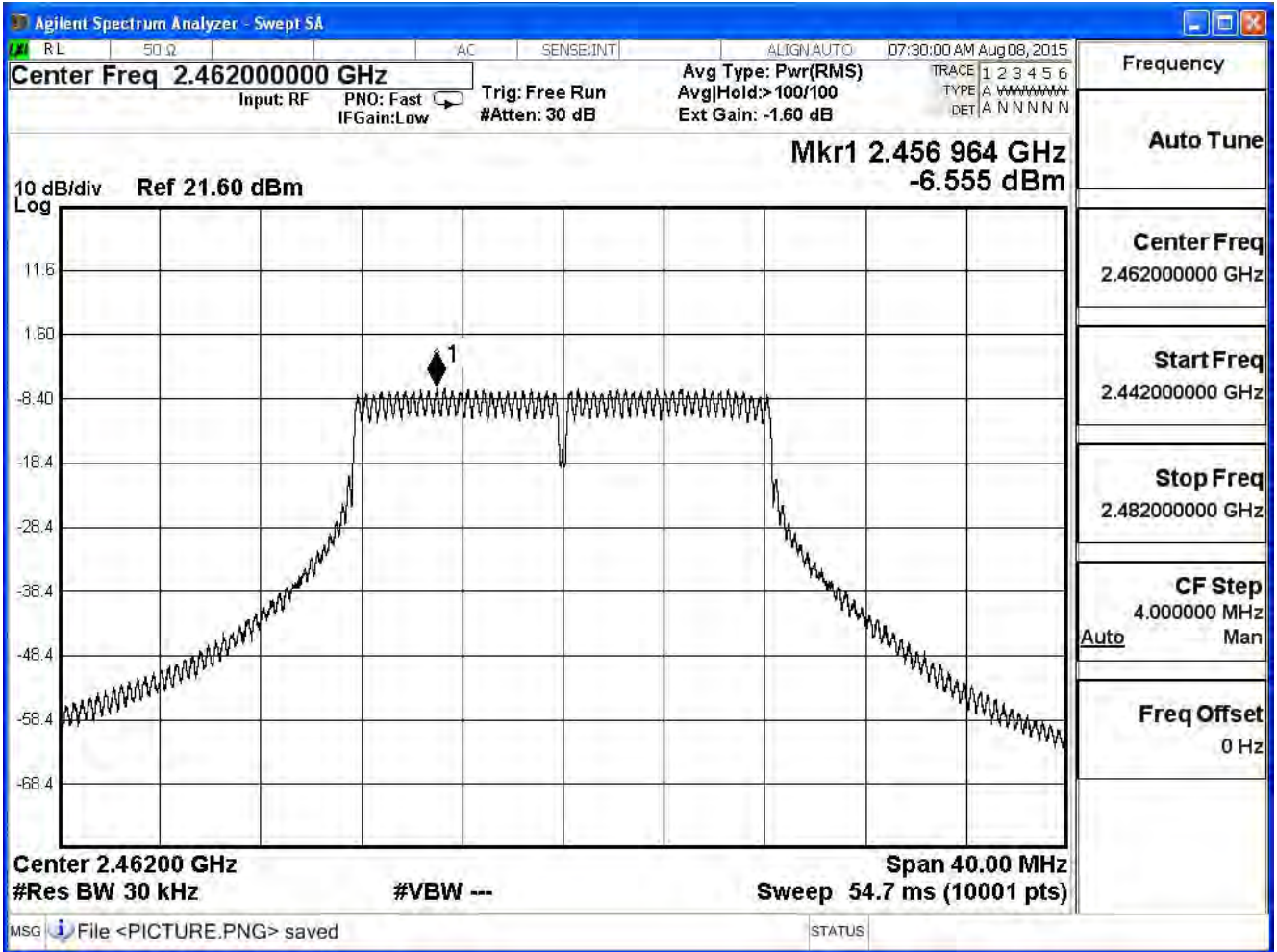
Channel 1



Channel 6



Channel 11



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/08/10	Test Site	SR7

IEEE 802.11g (ANT 0+1+2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-1.932	≤ 7.56	Pass
6	2437	5.037	≤ 7.56	Pass
11	2462	-1.622	≤ 7.56	Pass

Directional Antenna: Array Gain =6.35 dBi

Power Density Limit:8dBm-(6.35dBi-6dB)= 7.56dBm/MHz

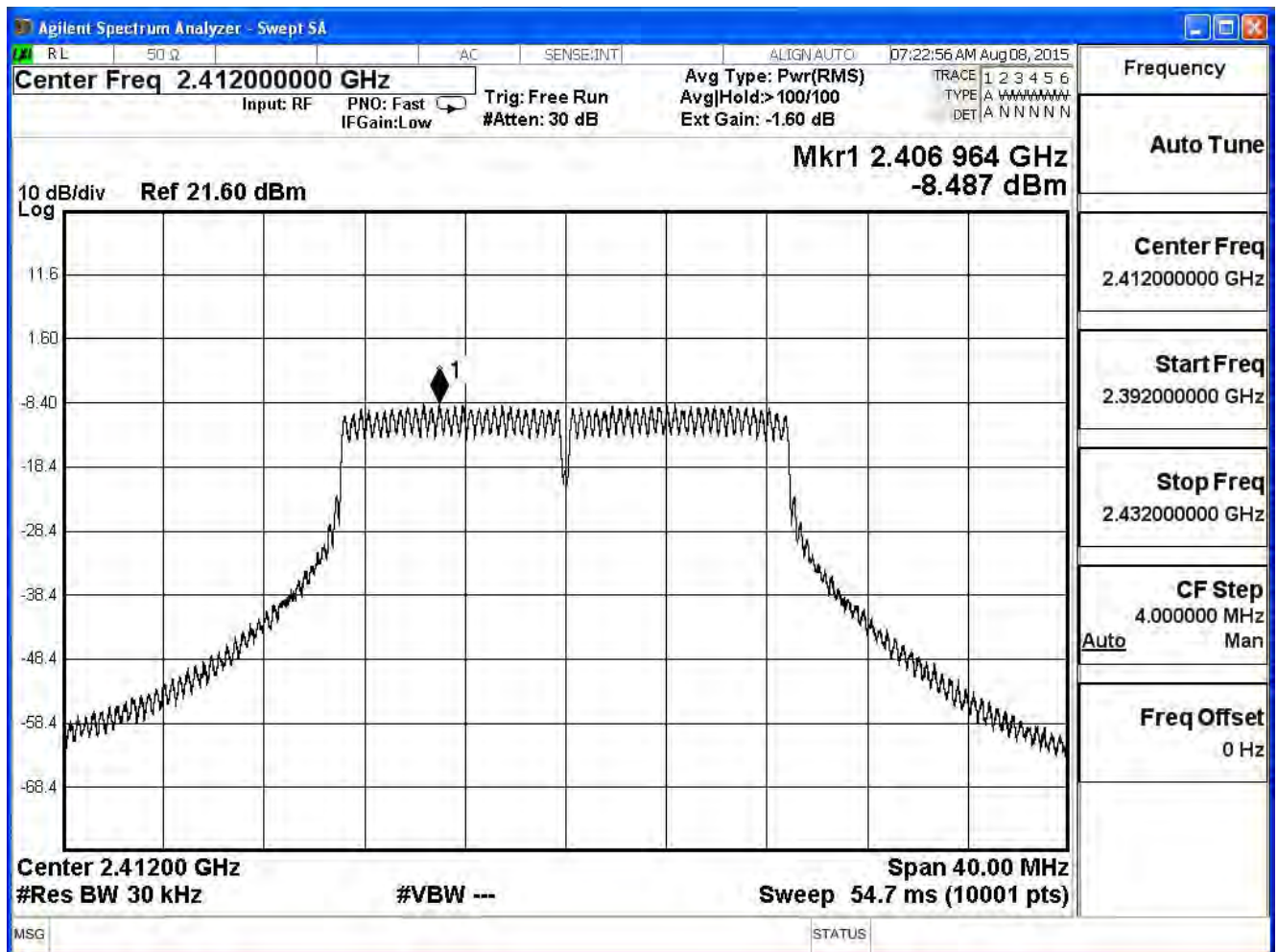
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/08/10	Test Site	SR7

IEEE 802.11n (20MHz) (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-8.487	≤ 7.56	Pass
6	2437	-0.166	≤ 7.56	Pass
11	2462	-8.457	≤ 7.56	Pass

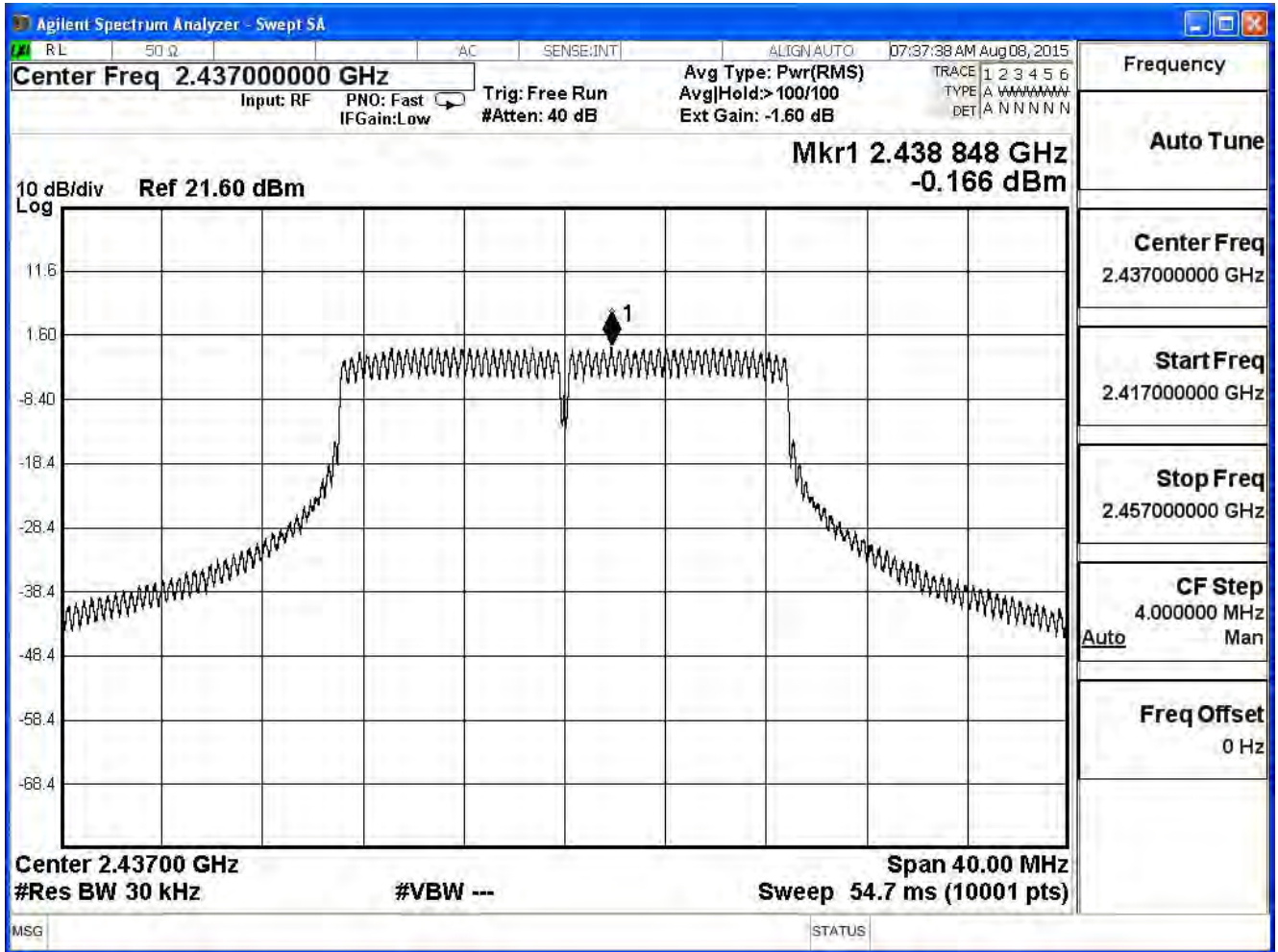
Directional Antenna: Array Gain = 6.35 dBi

Power Density Limit: $8\text{dBm} - (6.35\text{dBi} - 6\text{dB}) = 7.56\text{dBm/MHz}$

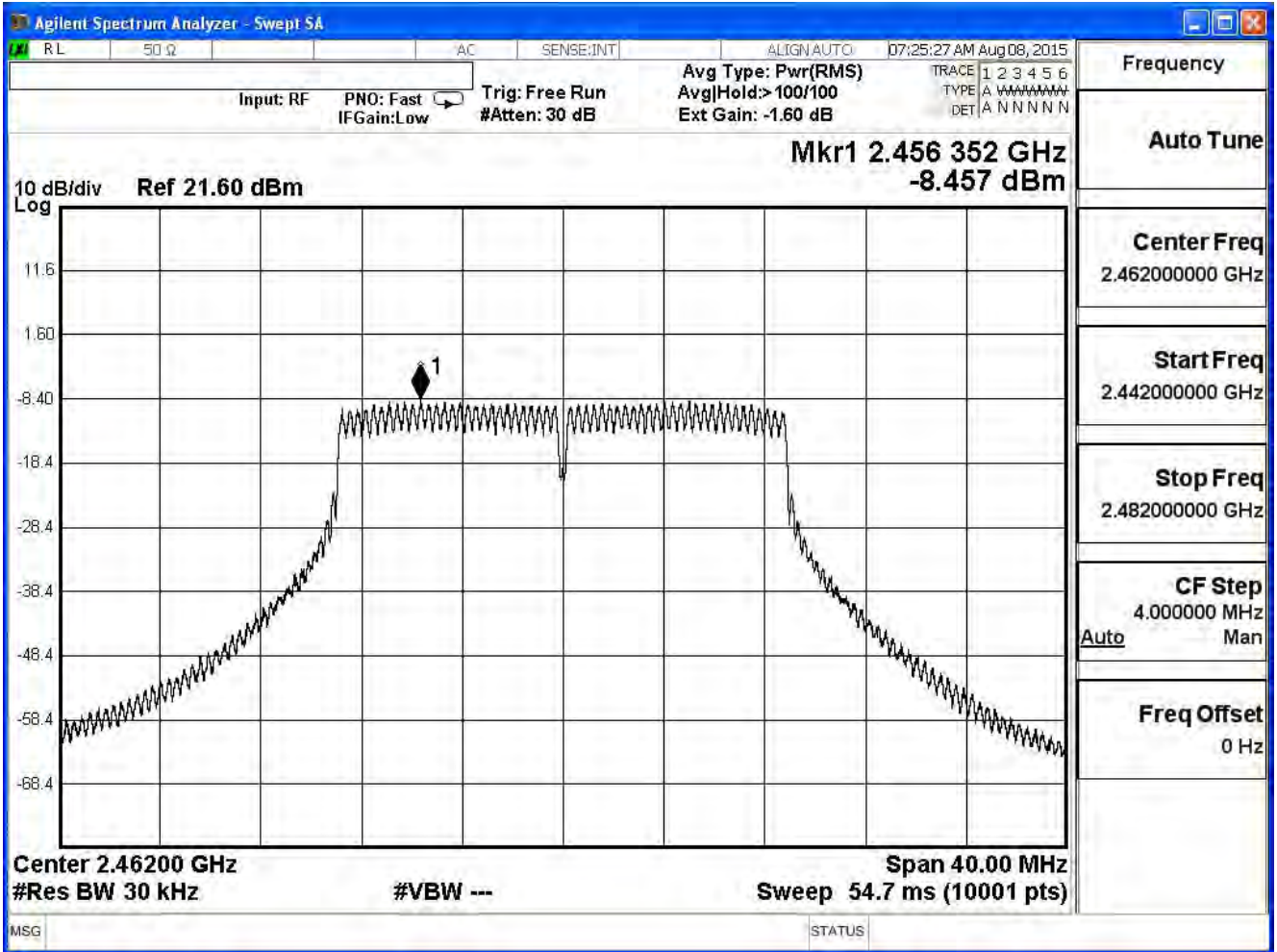
Channel 1



Channel 6



Channel 11



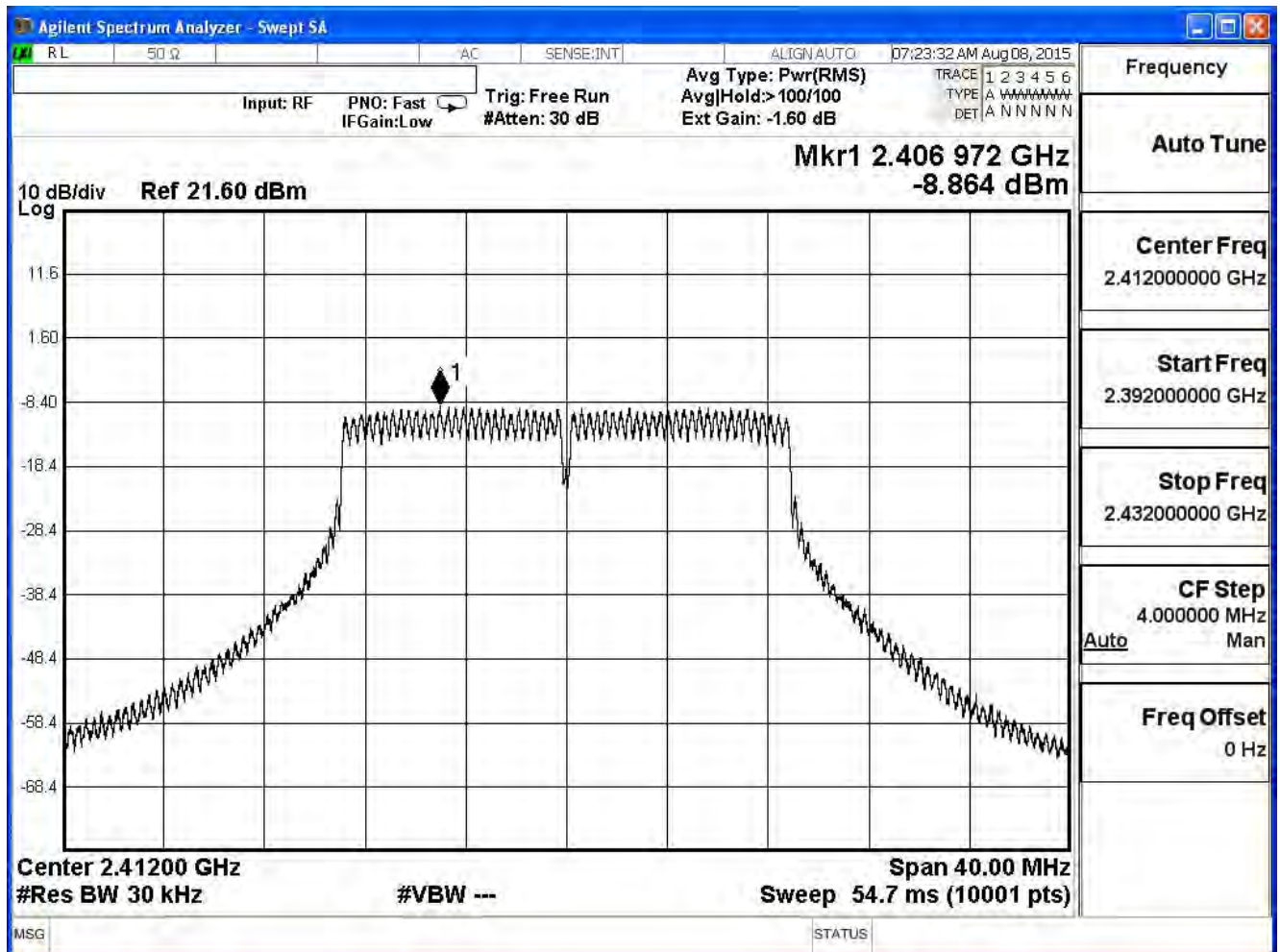
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/08/10	Test Site	SR7

IEEE 802.11n (20MHz) (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-8.864	≤ 7.56	Pass
6	2437	-0.143	≤ 7.56	Pass
11	2462	-8.697	≤ 7.56	Pass

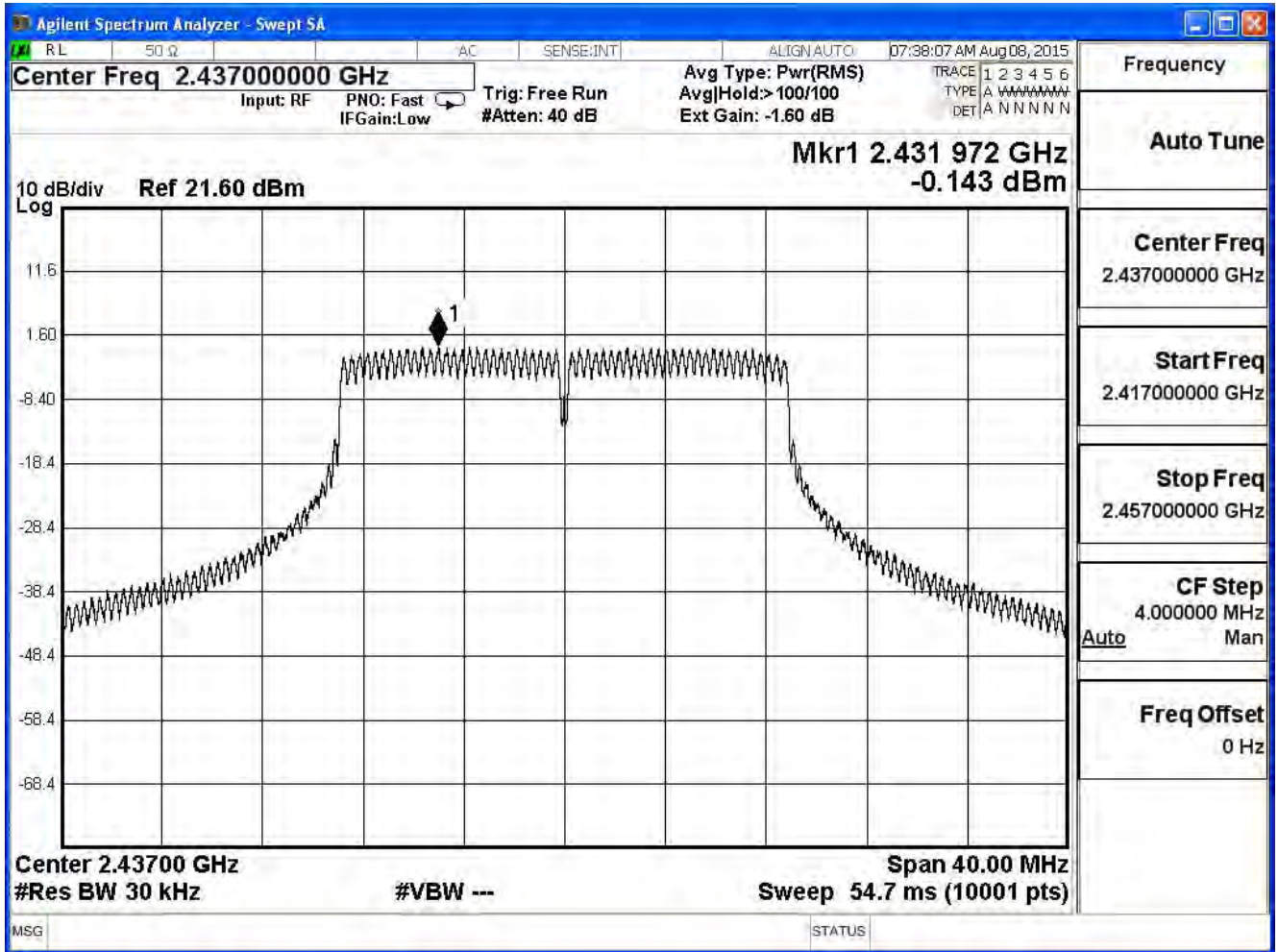
Directional Antenna: Array Gain = 6.35 dBi

Power Density Limit: 8dBm - (6.35dBi - 6dB) = 7.56dBm/MHz

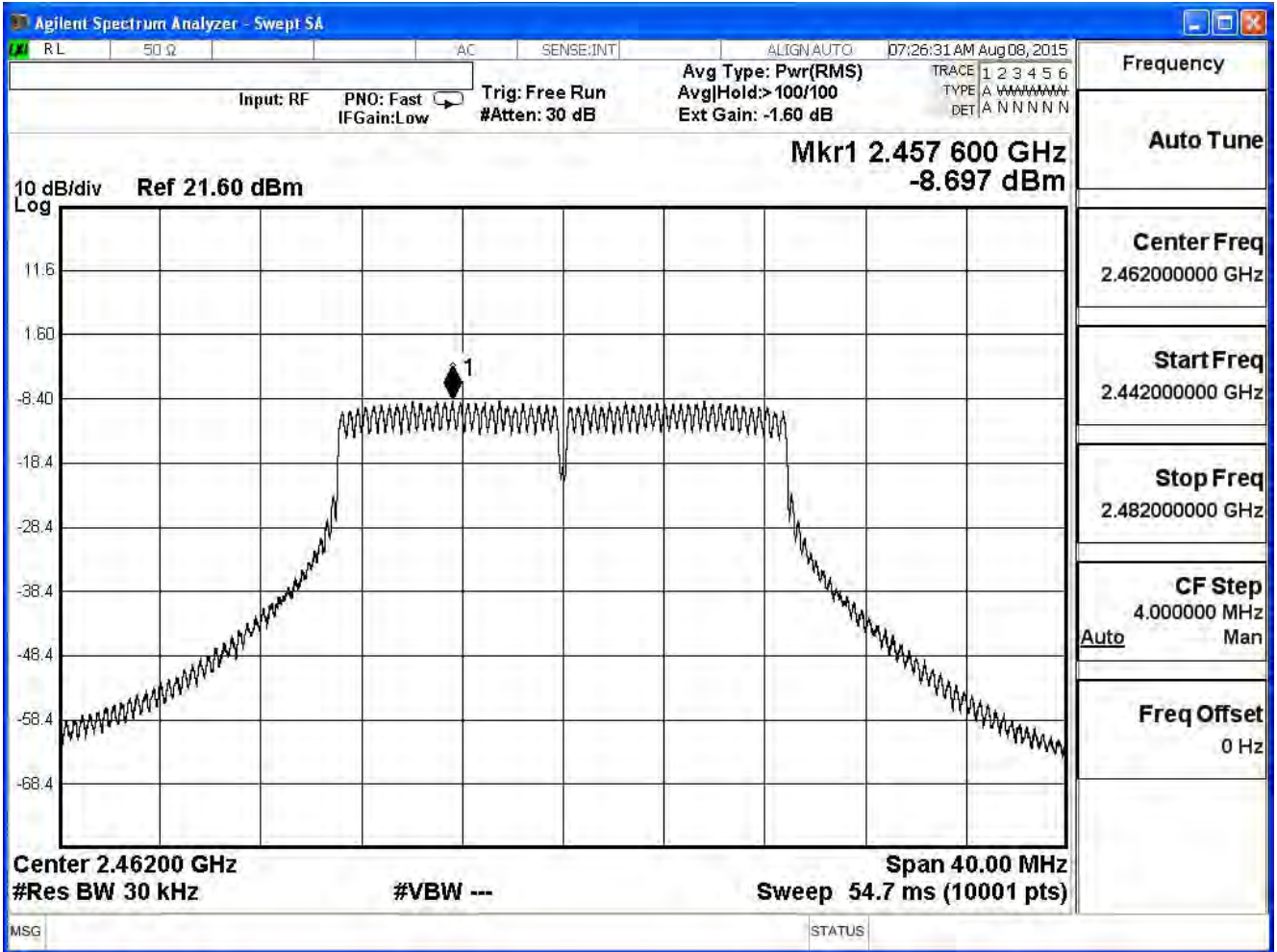
Channel 1



Channel 6



Channel 11



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/08/10	Test Site	SR7

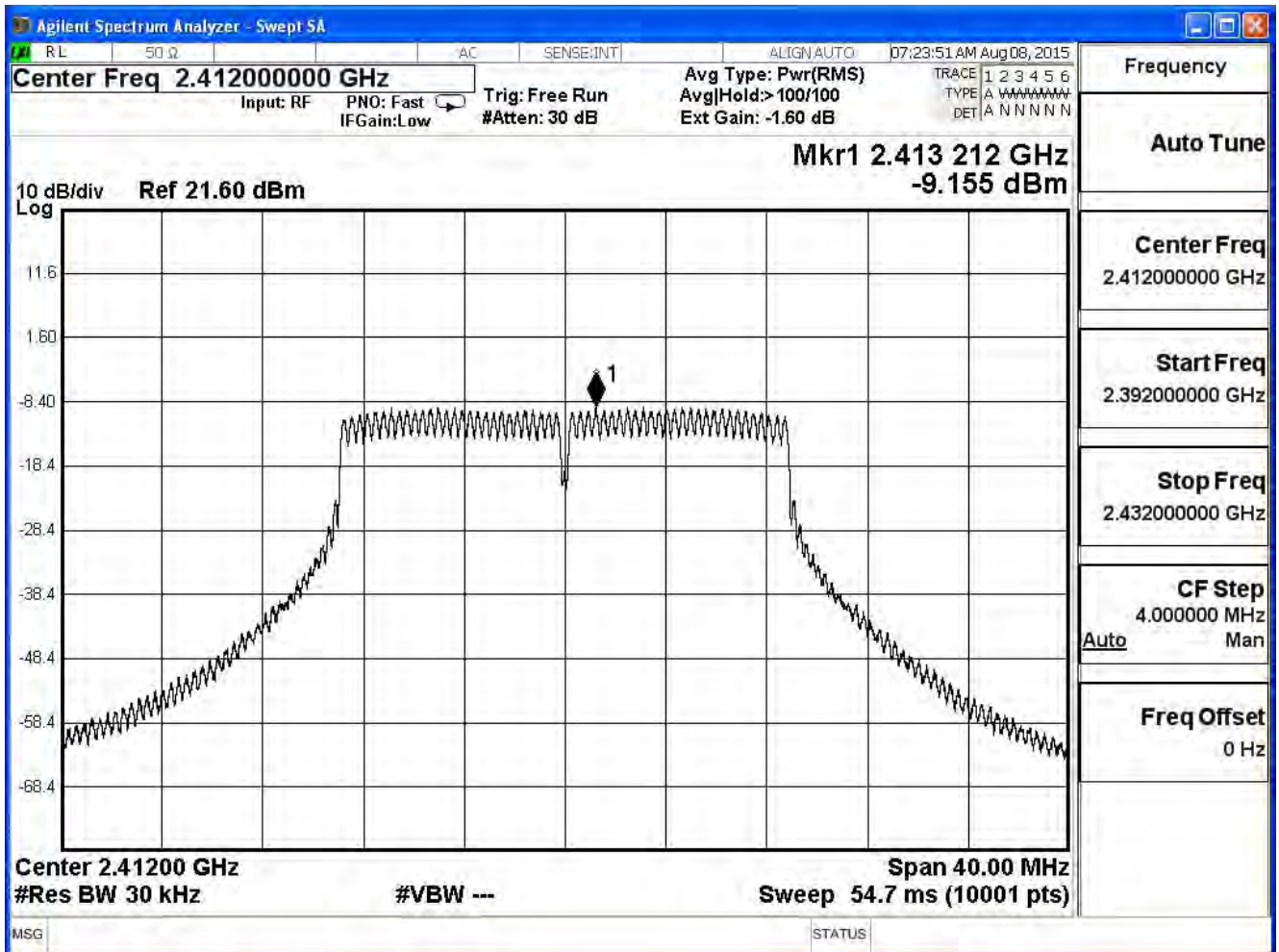
IEEE 802.11n (20MHz) (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-9.155	≤ 7.56	Pass
6	2437	-0.085	≤ 7.56	Pass
11	2462	-8.987	≤ 7.56	Pass

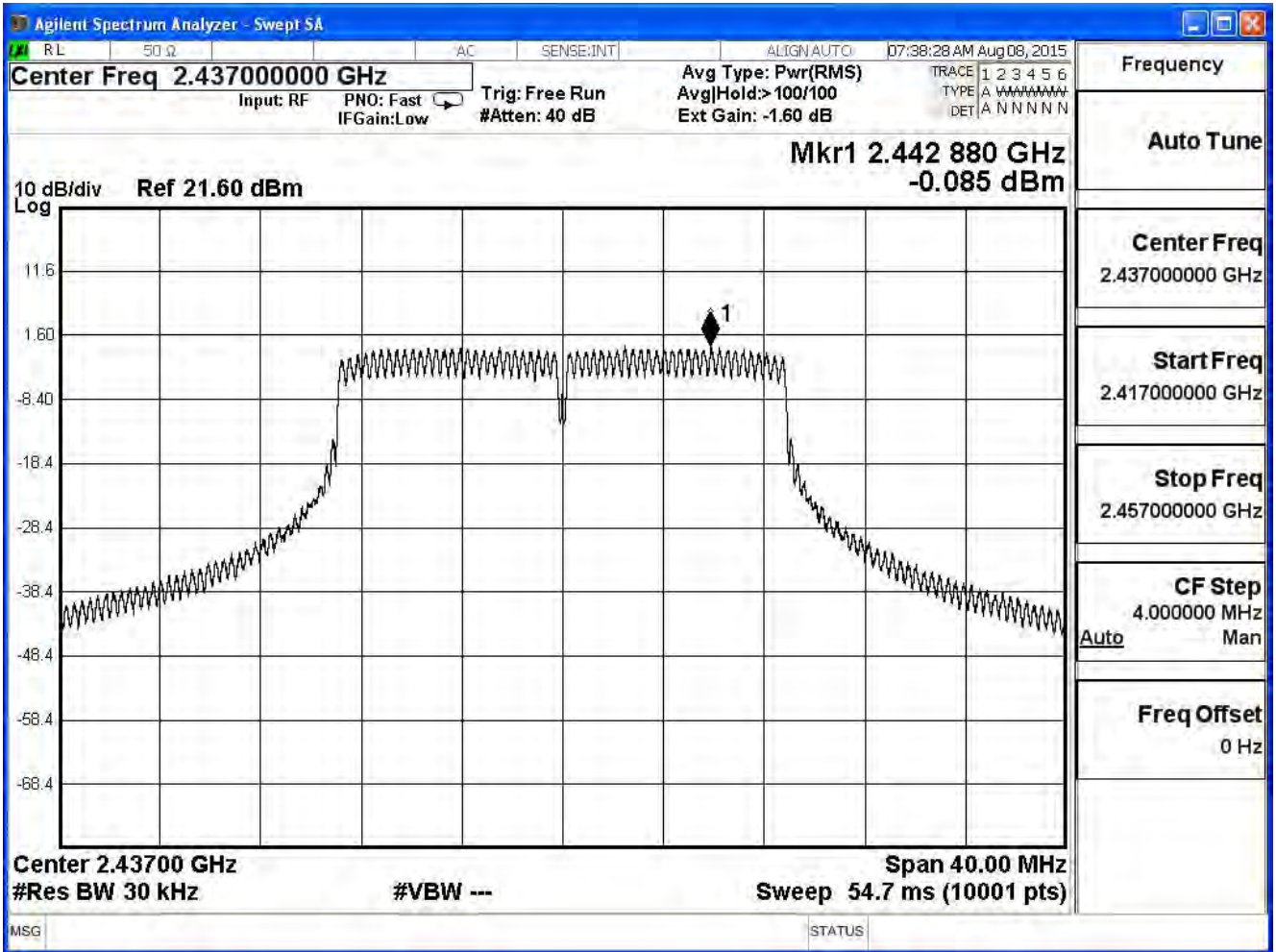
Directional Antenna: Array Gain = 6.35 dBi

Power Density Limit: 8dBm - (6.35dBi - 6dB) = 7.56dBm/MHz

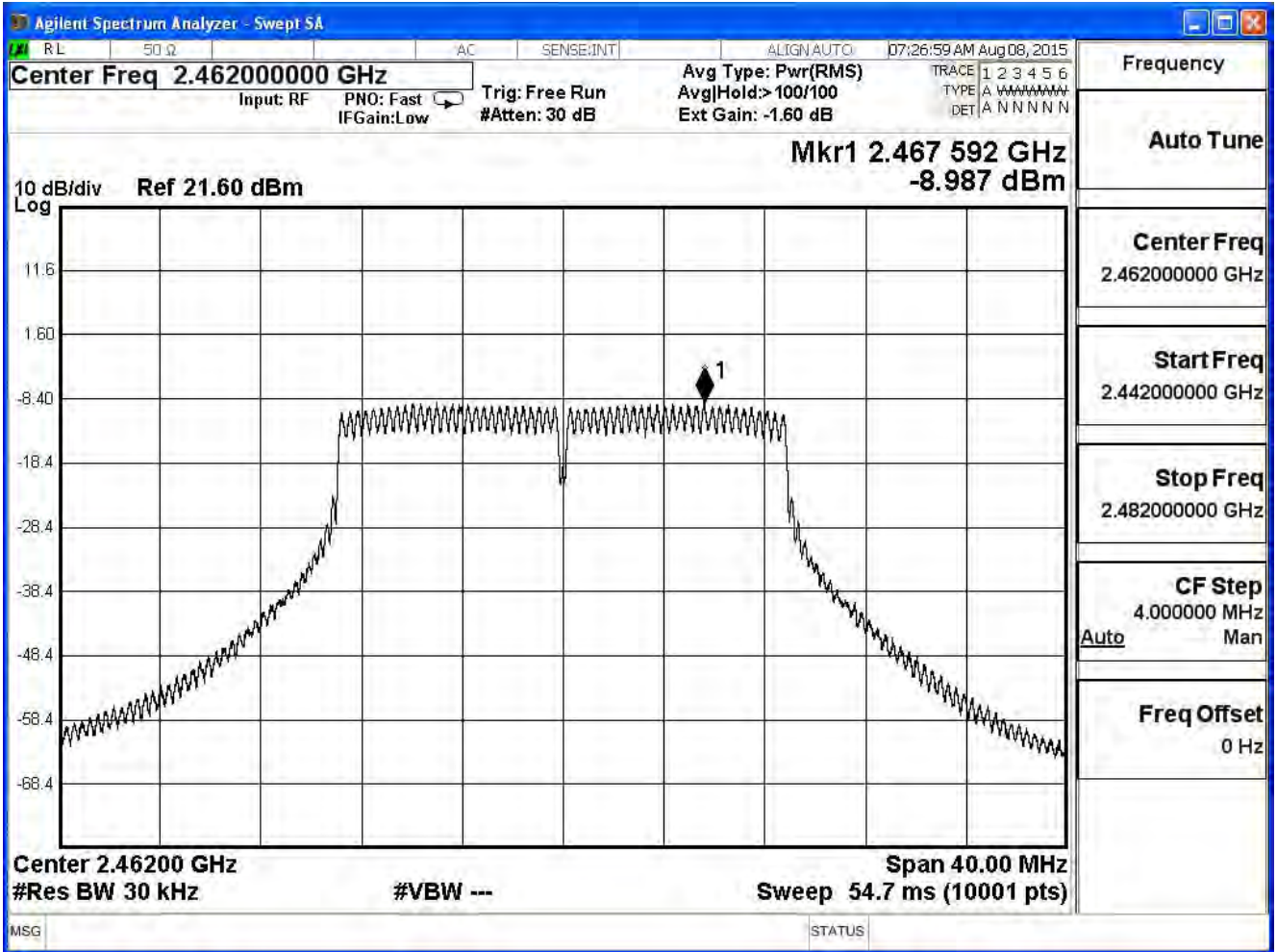
Channel 1



Channel 6



Channel 11



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/08/10	Test Site	SR7

IEEE 802.11n (20MHz) (ANT 0+1+2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-4.055	≤ 7.56	Pass
6	2437	4.640	≤ 7.56	Pass
11	2462	-3.937	≤ 7.56	Pass

Directional Antenna: Array Gain =6.35 dBi

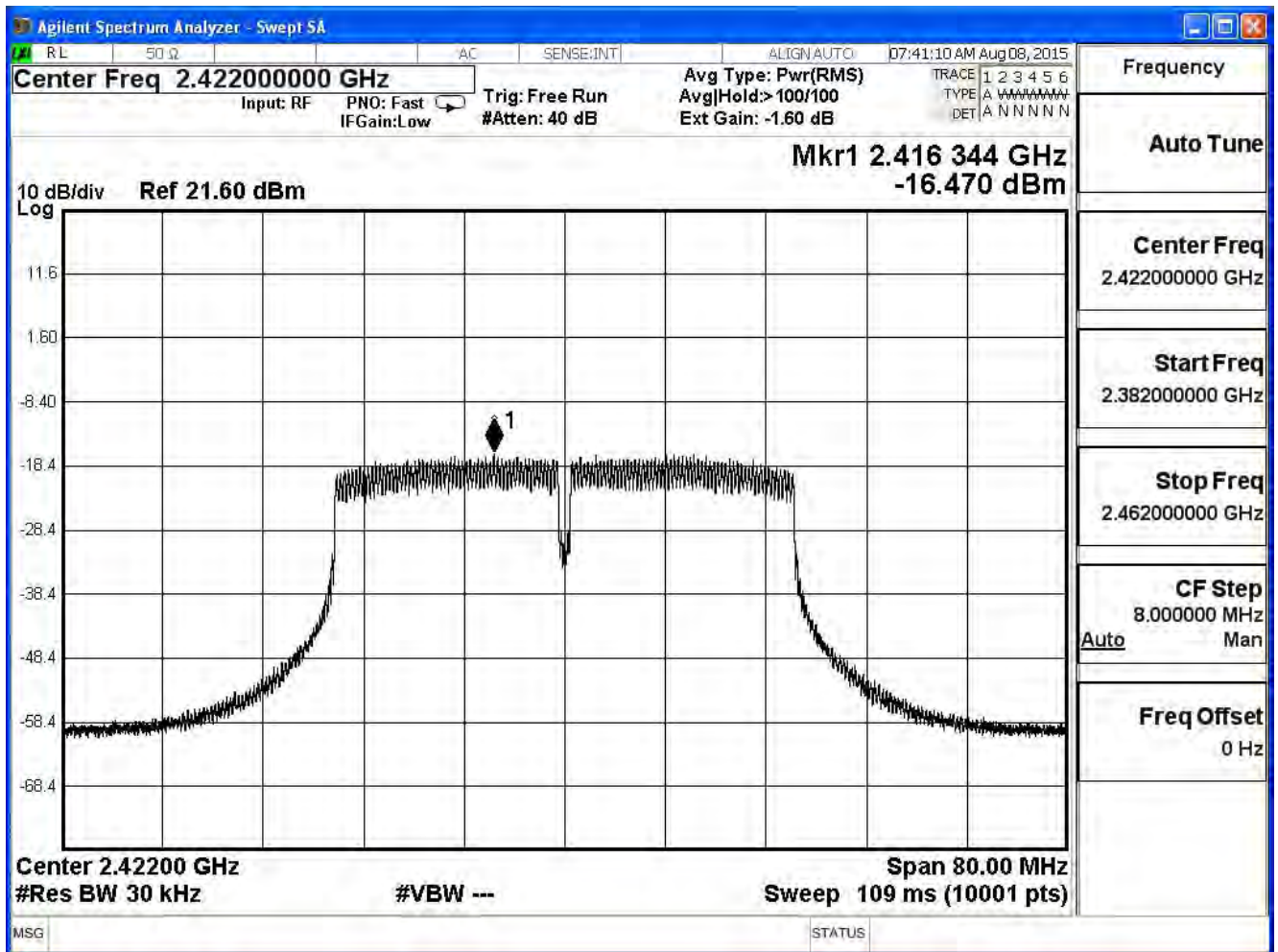
Power Density Limit:8dBm-(6.35dBi-6dB)= 7.56dBm/MHz

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/08/10	Test Site	SR7

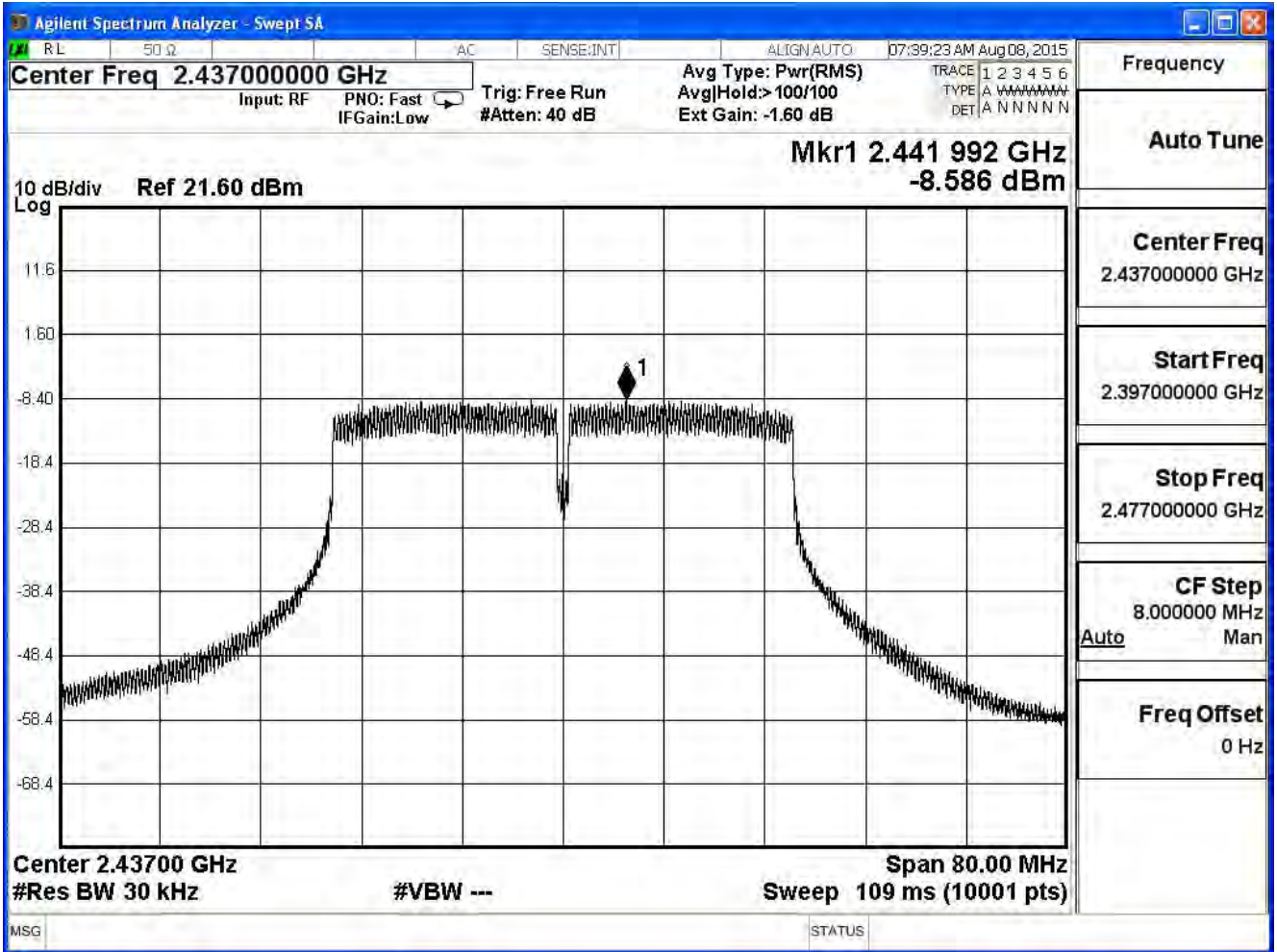
IEEE 802.11n (40MHz) (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-16.470	≤ 7.56	Pass
6	2437	-8.586	≤ 7.56	Pass
9	2452	-17.181	≤ 7.56	Pass

Directional Antenna: Array Gain = 6.35 dBi
 Power Density Limit: 8dBm - (6.35dBi - 6dB) = 7.56dBm/MHz

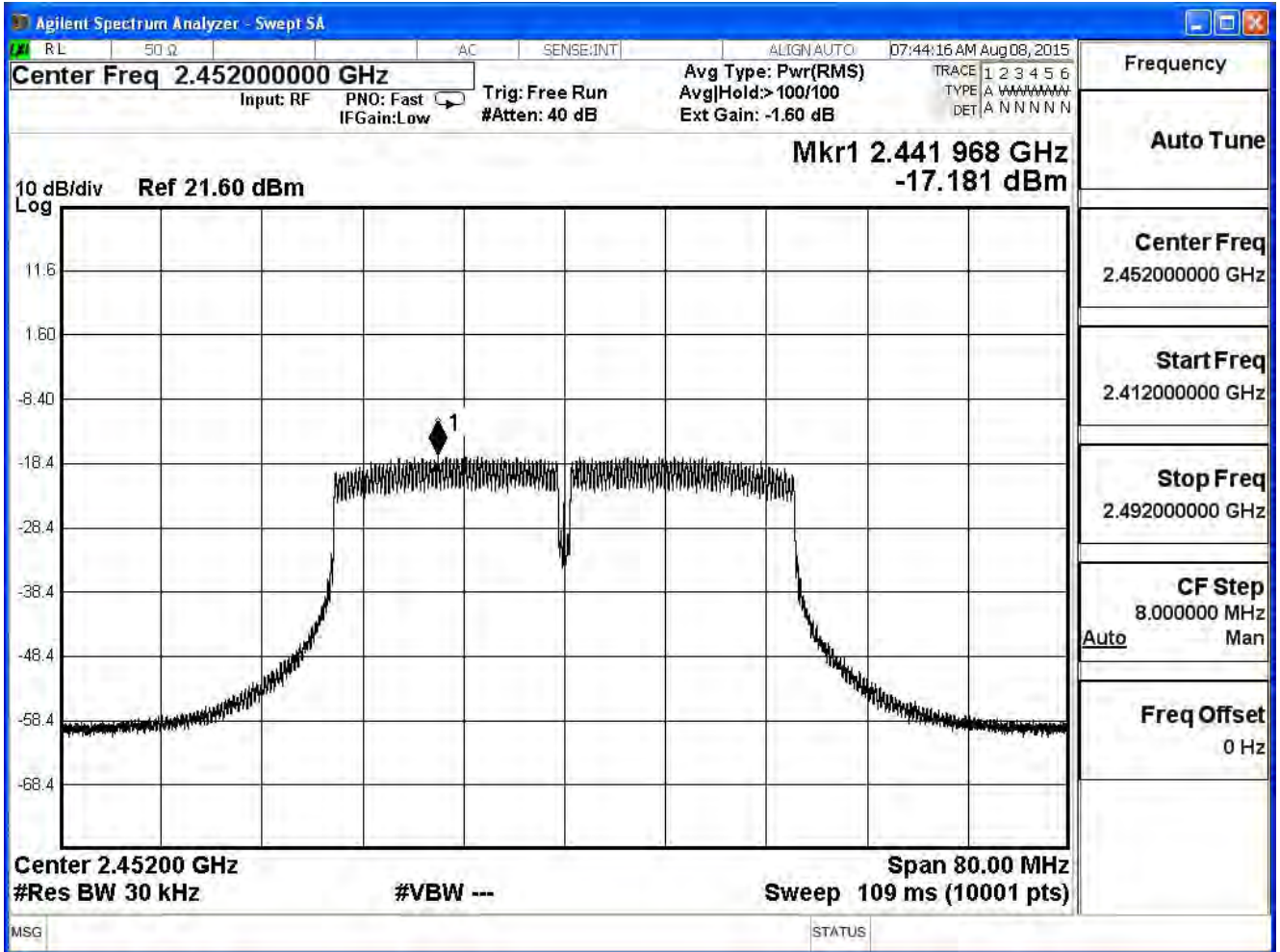
Channel 3



Channel 6



Channel 9



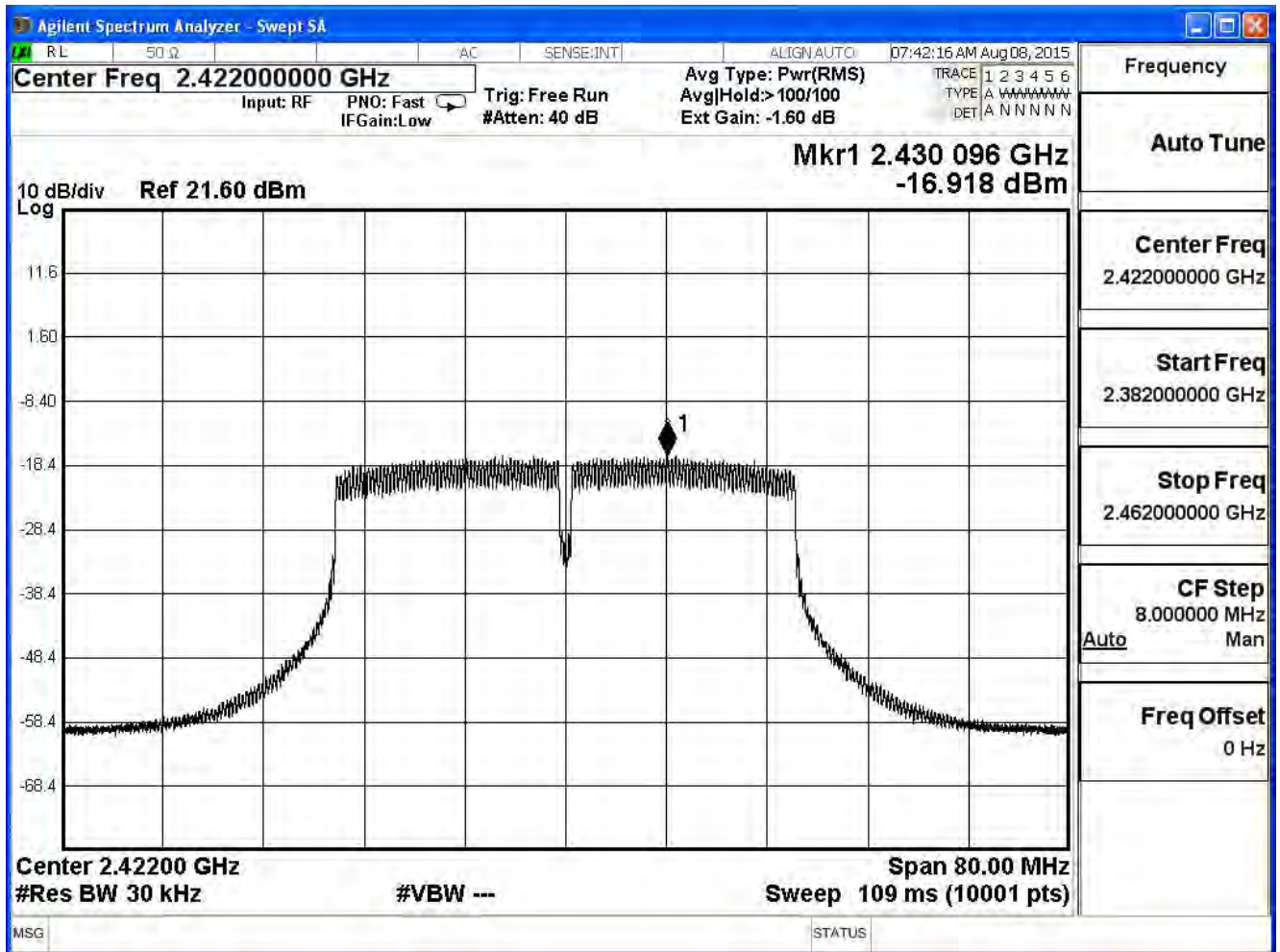
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/08/10	Test Site	SR7

IEEE 802.11n (40MHz) (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-16.918	≤7.56	Pass
6	2437	-8.374	≤7.56	Pass
9	2452	-17.160	≤7.56	Pass

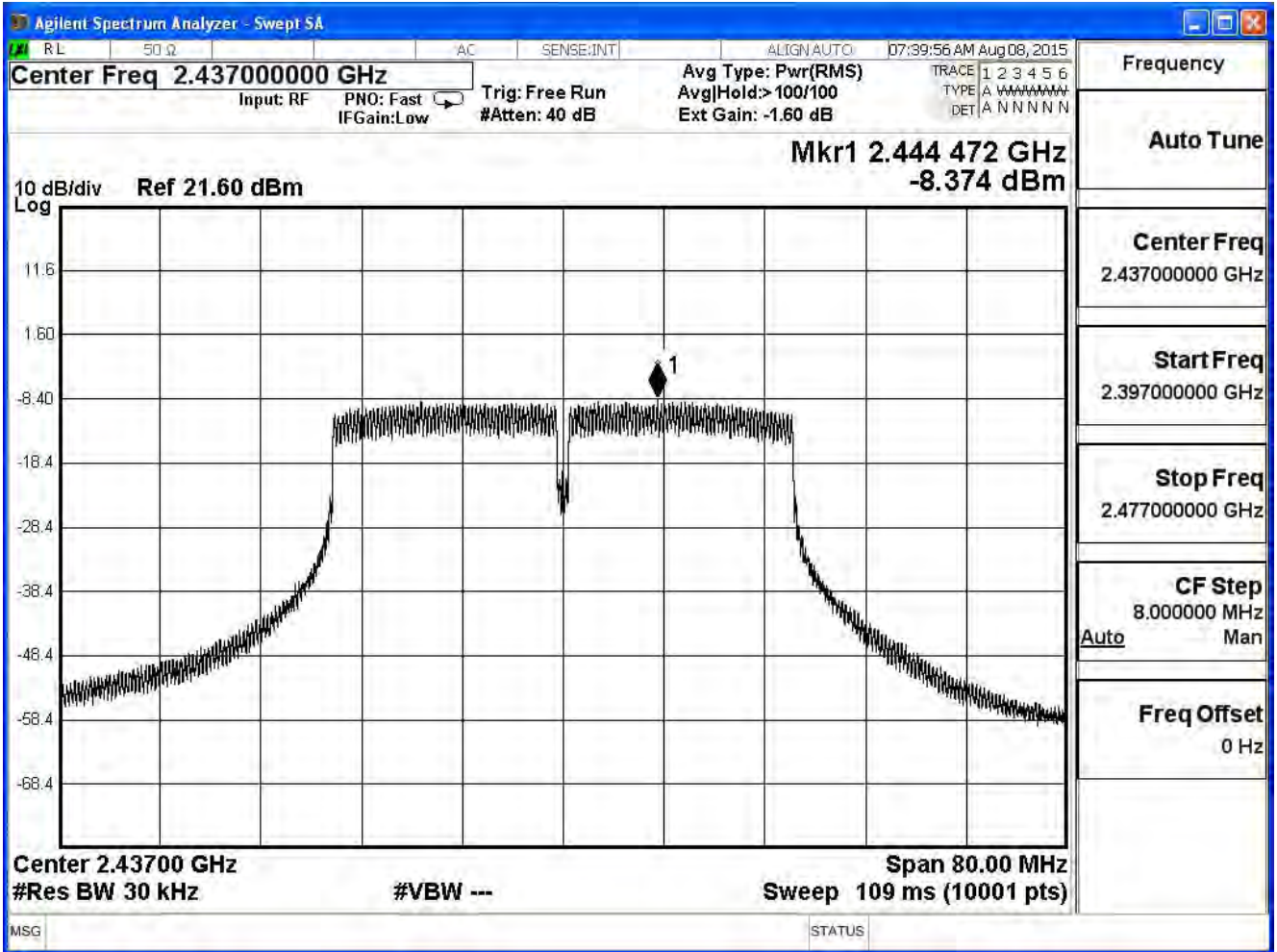
Directional Antenna: Array Gain =6.35 dBi

Power Density Limit:8dBm-(6.35dBi-6dB)= 7.56dBm/MHz

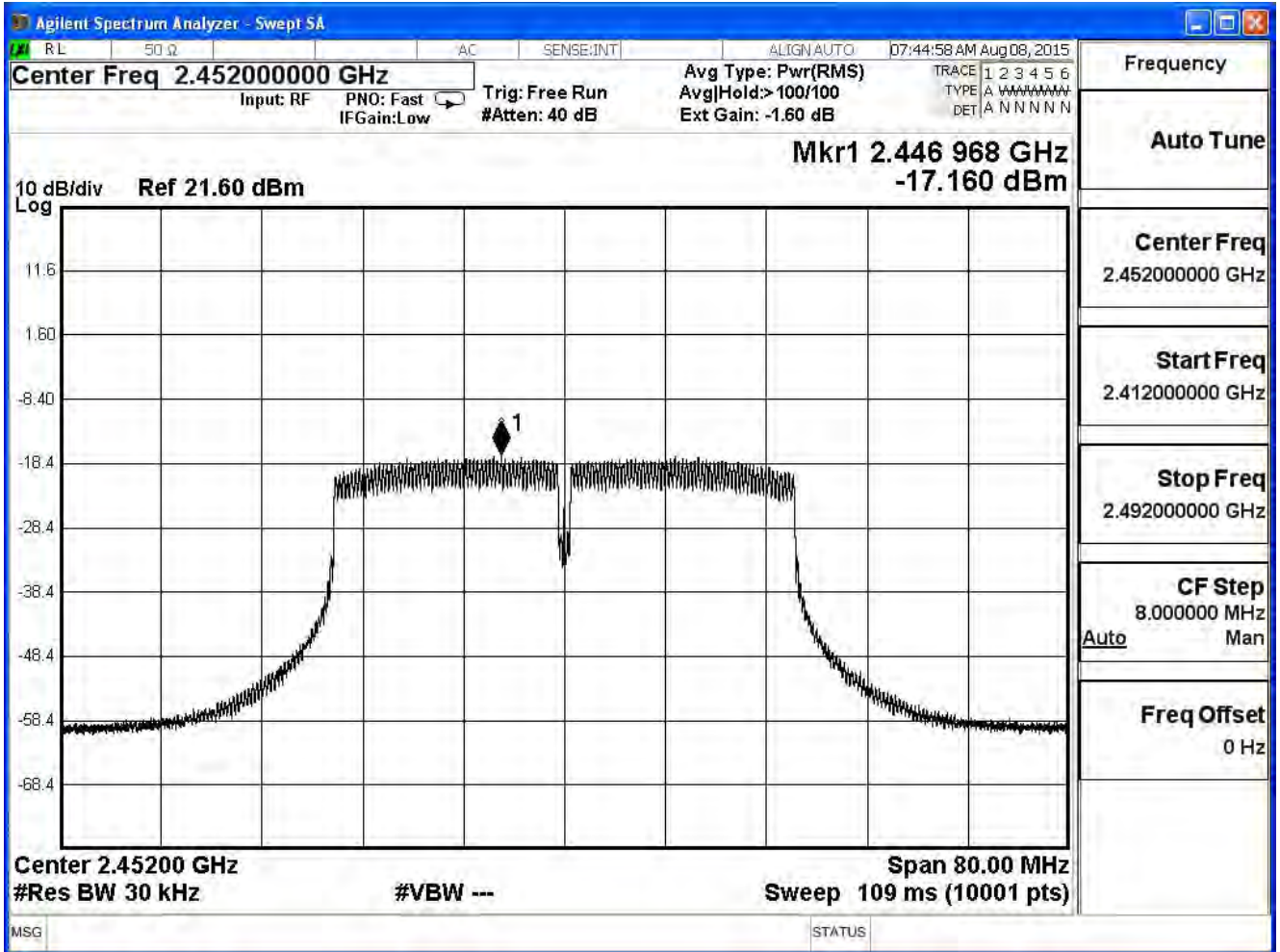
Channel 3



Channel 6



Channel 9



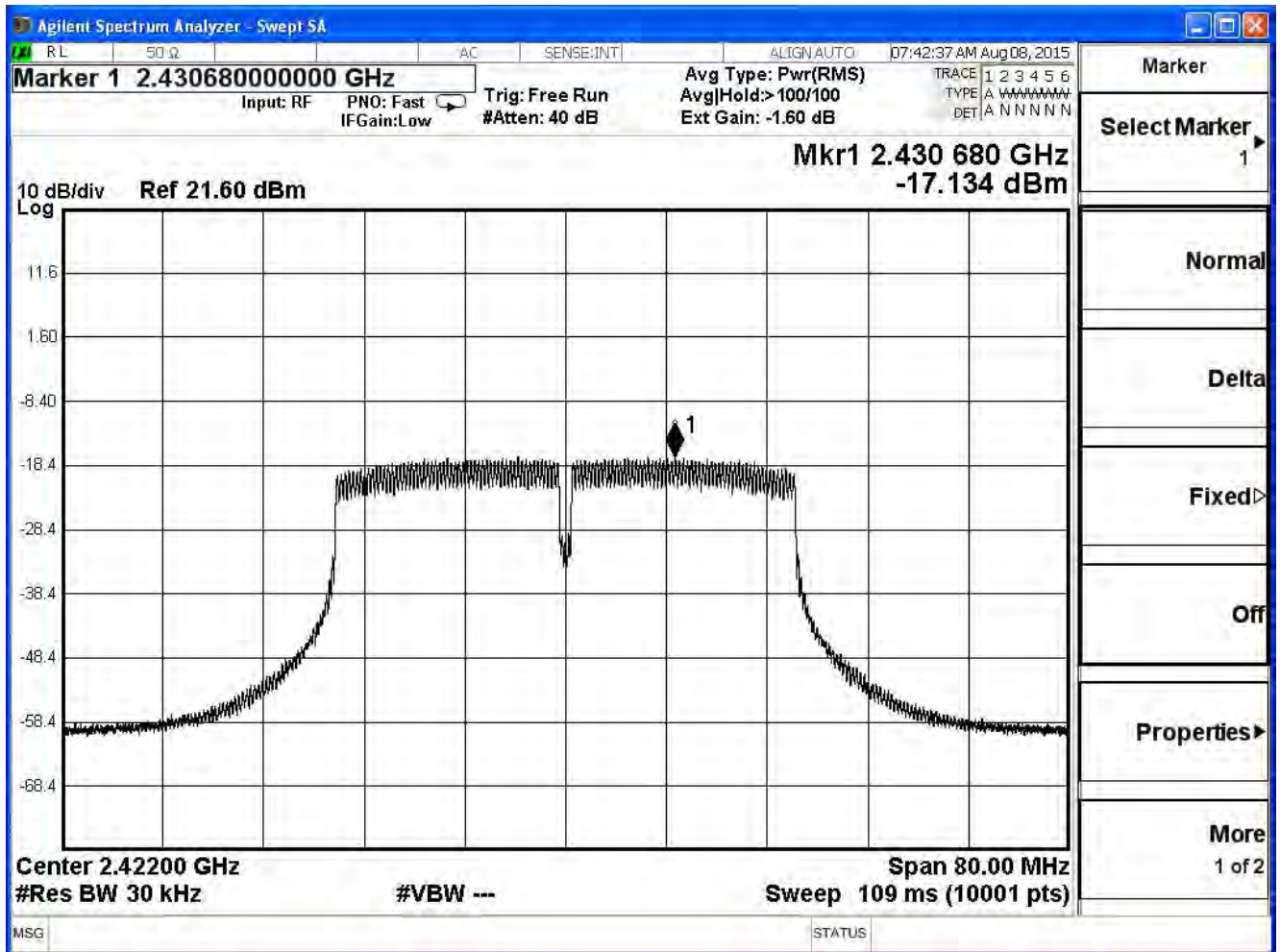
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/08/10	Test Site	SR7

IEEE 802.11n (40MHz) (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-17.134	≤7.56	Pass
6	2437	-8.837	≤7.56	Pass
9	2452	-17.355	≤7.56	Pass

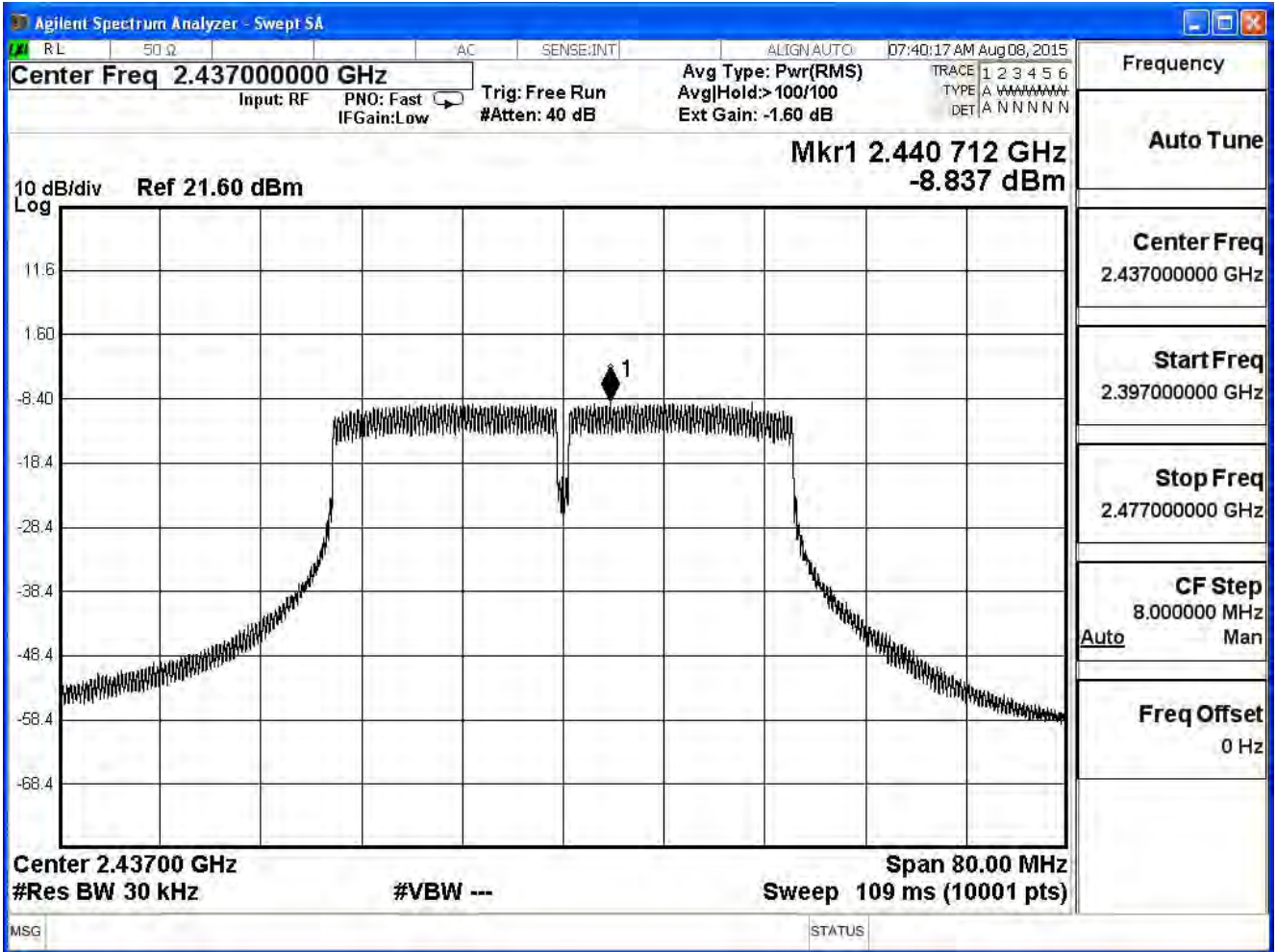
Directional Antenna: Array Gain =6.35 dBi

Power Density Limit:8dBm-(6.35dBi-6dB)= 7.56dBm/MHz

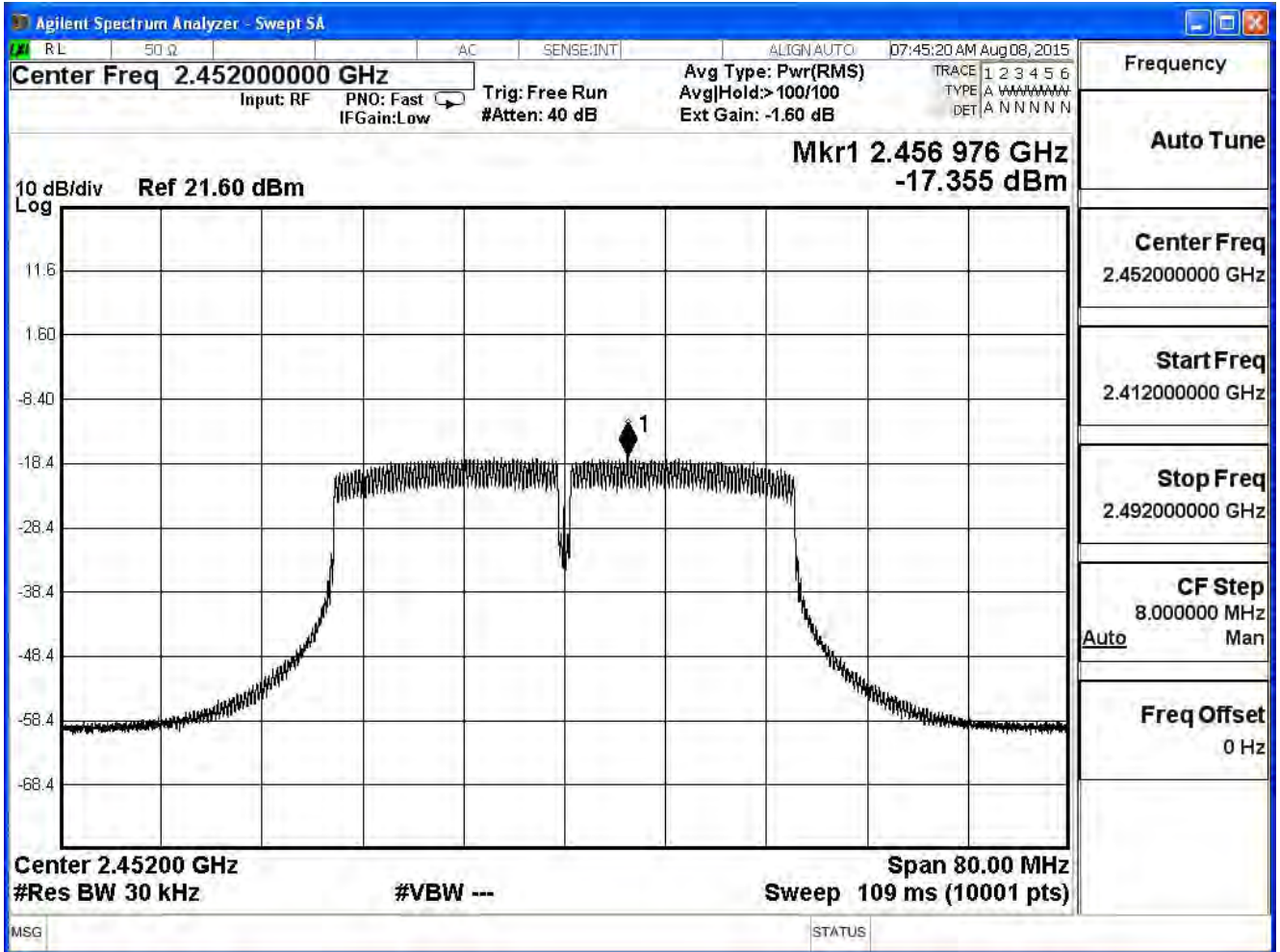
Channel 3



Channel 6



Channel 9



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/08/10	Test Site	SR7

IEEE 802.11n (40MHz) (ANT 0+1+2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-12.061	≤ 7.56	Pass
6	2437	-3.824	≤ 7.56	Pass
9	2452	-12.460	≤ 7.56	Pass

Directional Antenna: Array Gain =6.35 dBi

Power Density Limit:8dBm-(6.35dBi-6dB)= 7.56dBm/MHz

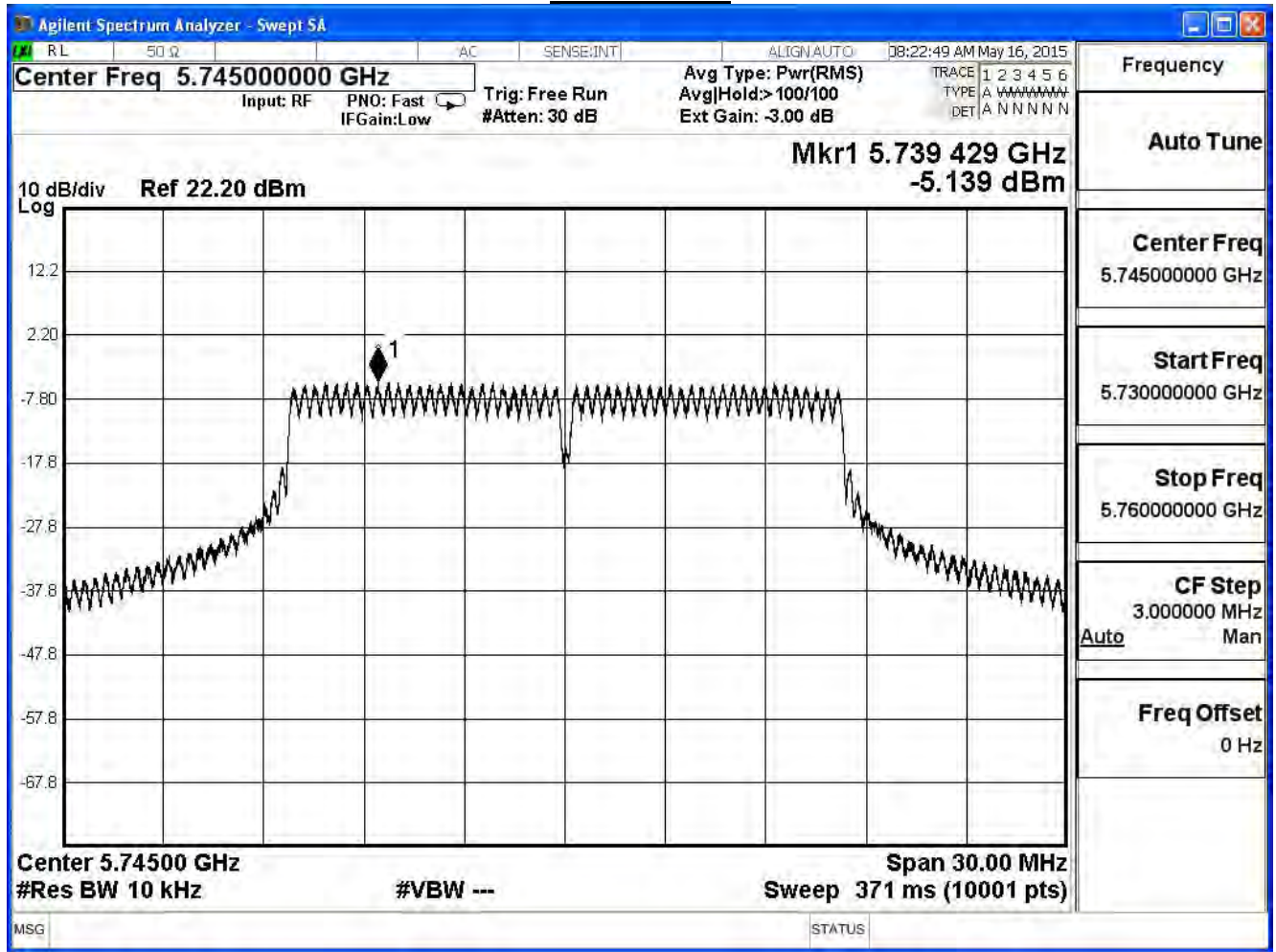
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11a (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-5.14	≤ 5.05	Pass
157	5785	-4.60	≤ 5.05	Pass
165	5825	-4.34	≤ 5.05	Pass

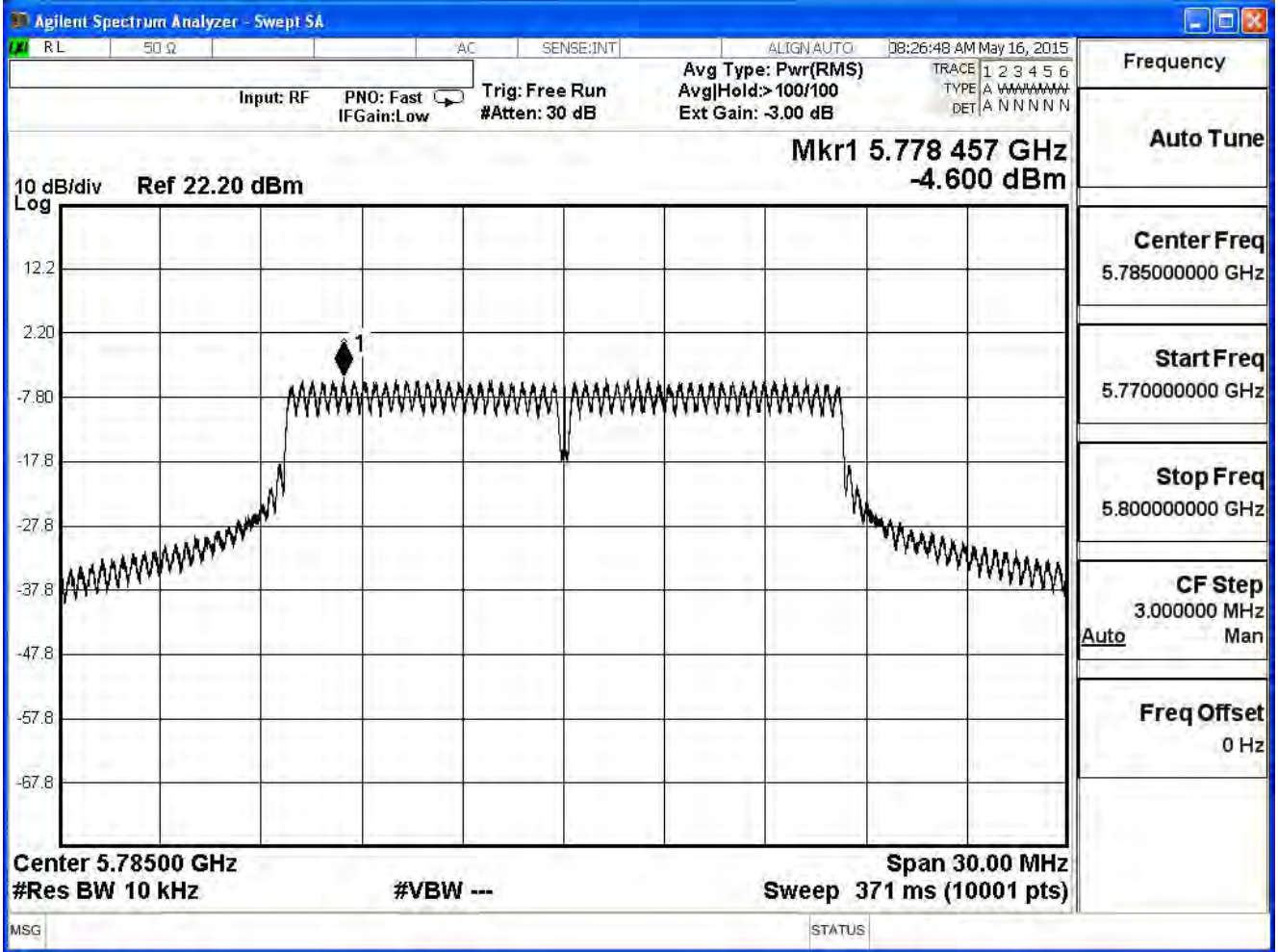
Directional Antenna: Array Gain =8.95i

Power Density Limit:8dBm-(8.95dBi-6dB)= 5.05dBm/MHz

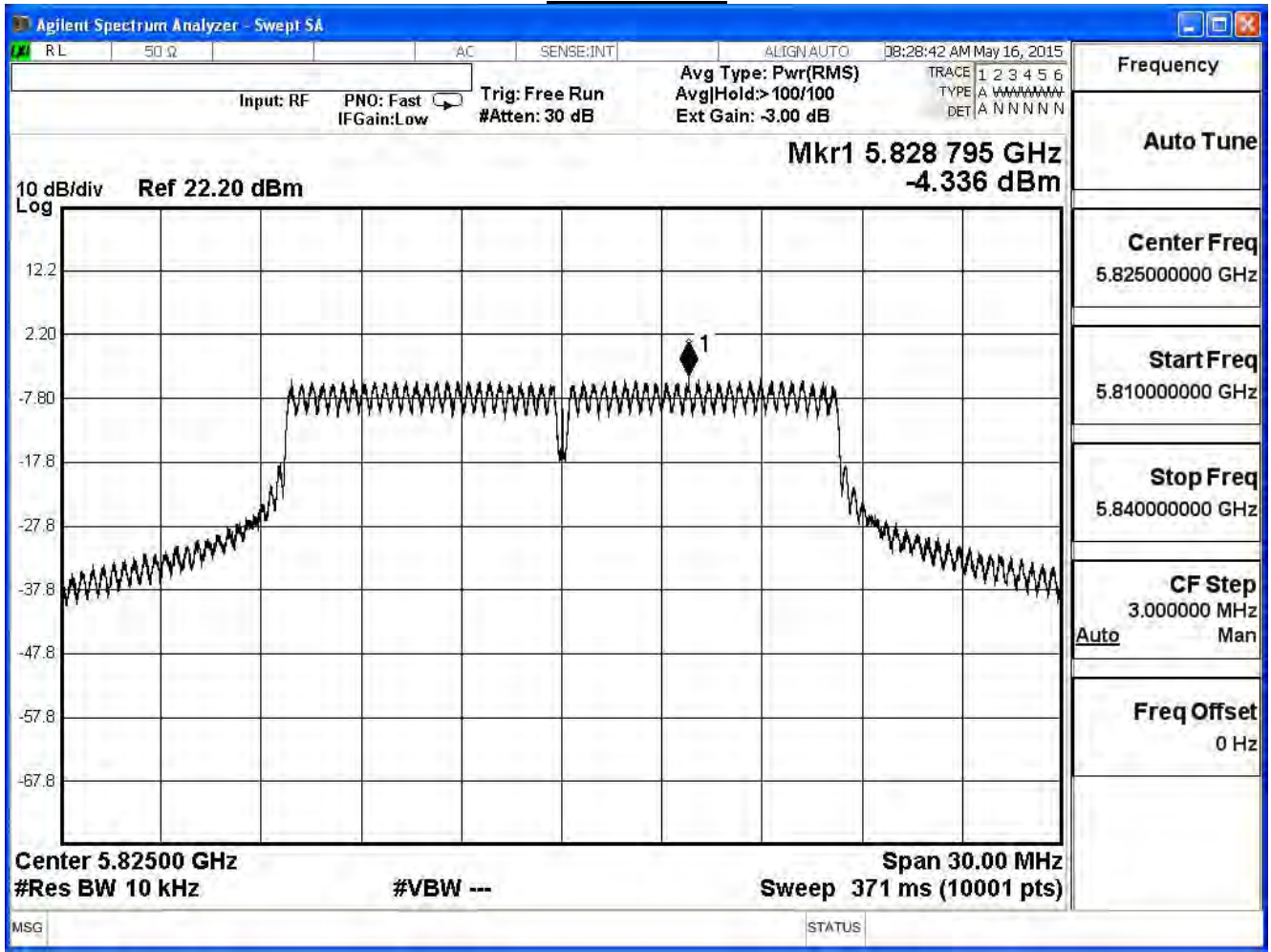
Channel 149



Channel 157



Channel 165



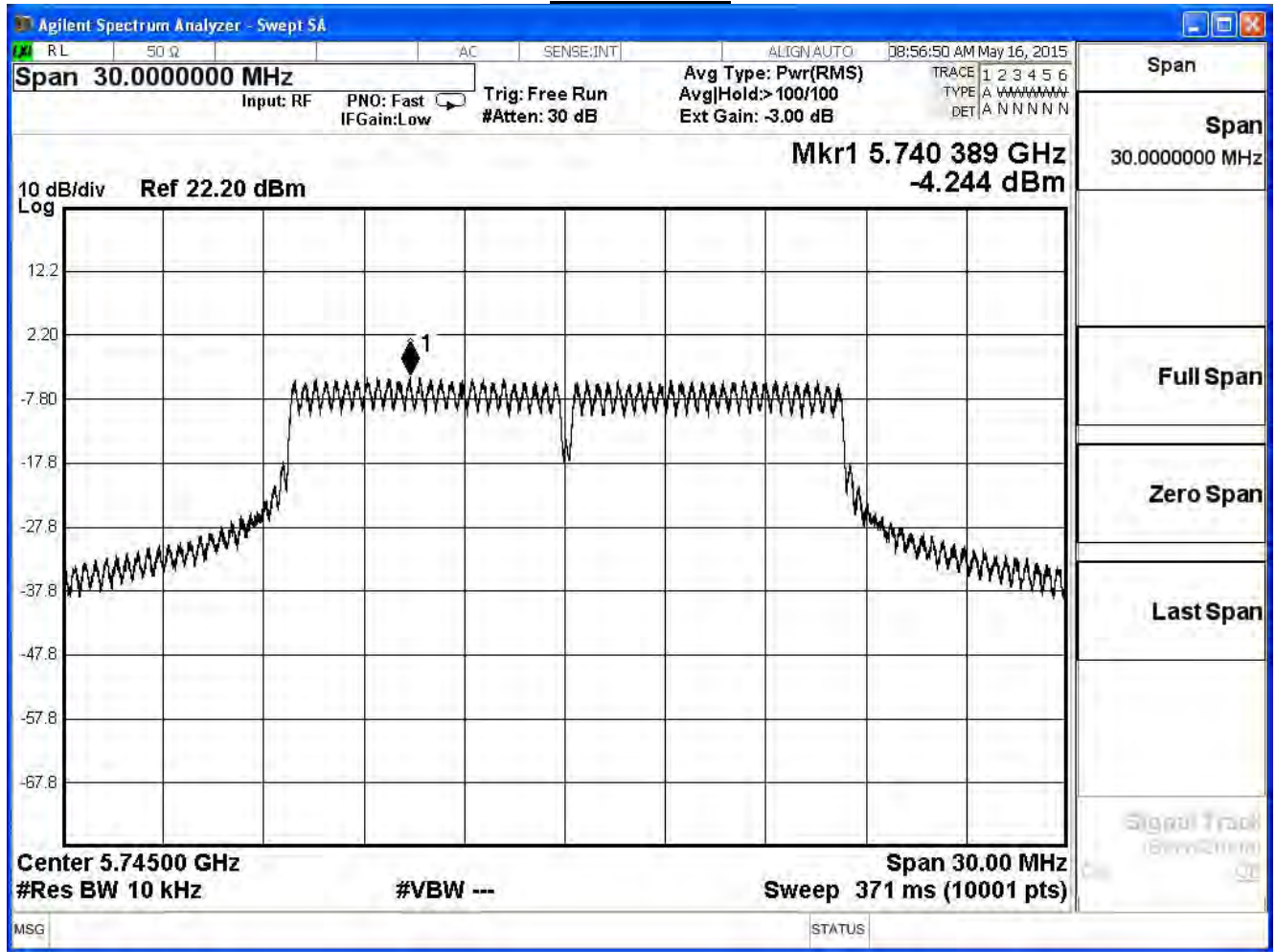
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11a (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-4.24	≤ 5.05	Pass
157	5785	-2.72	≤ 5.05	Pass
165	5825	-3.64	≤ 5.05	Pass

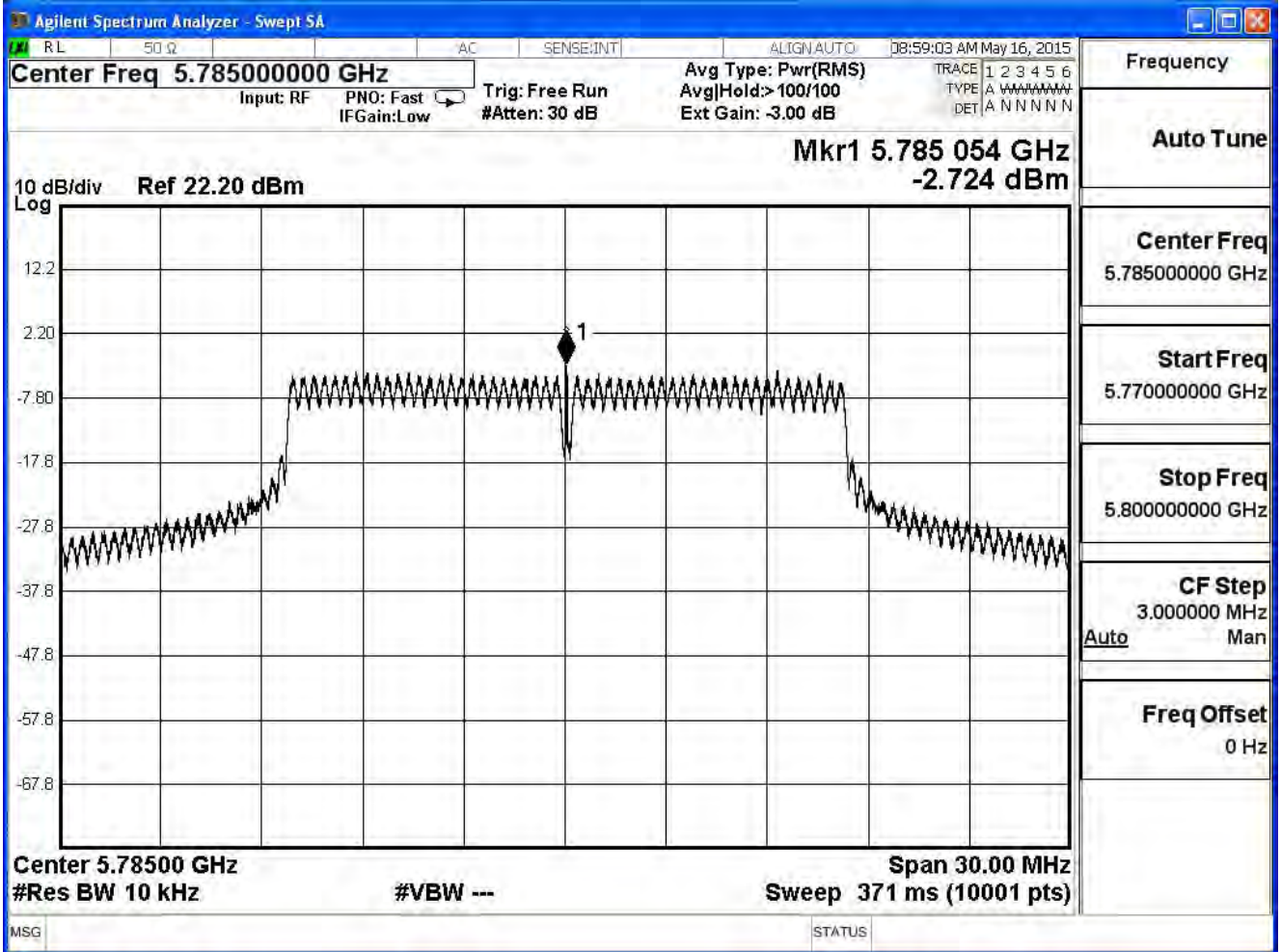
Directional Antenna: Array Gain =8.95i

Power Density Limit:8dBm-(8.95dBi-6dB)= 5.05dBm/MHz

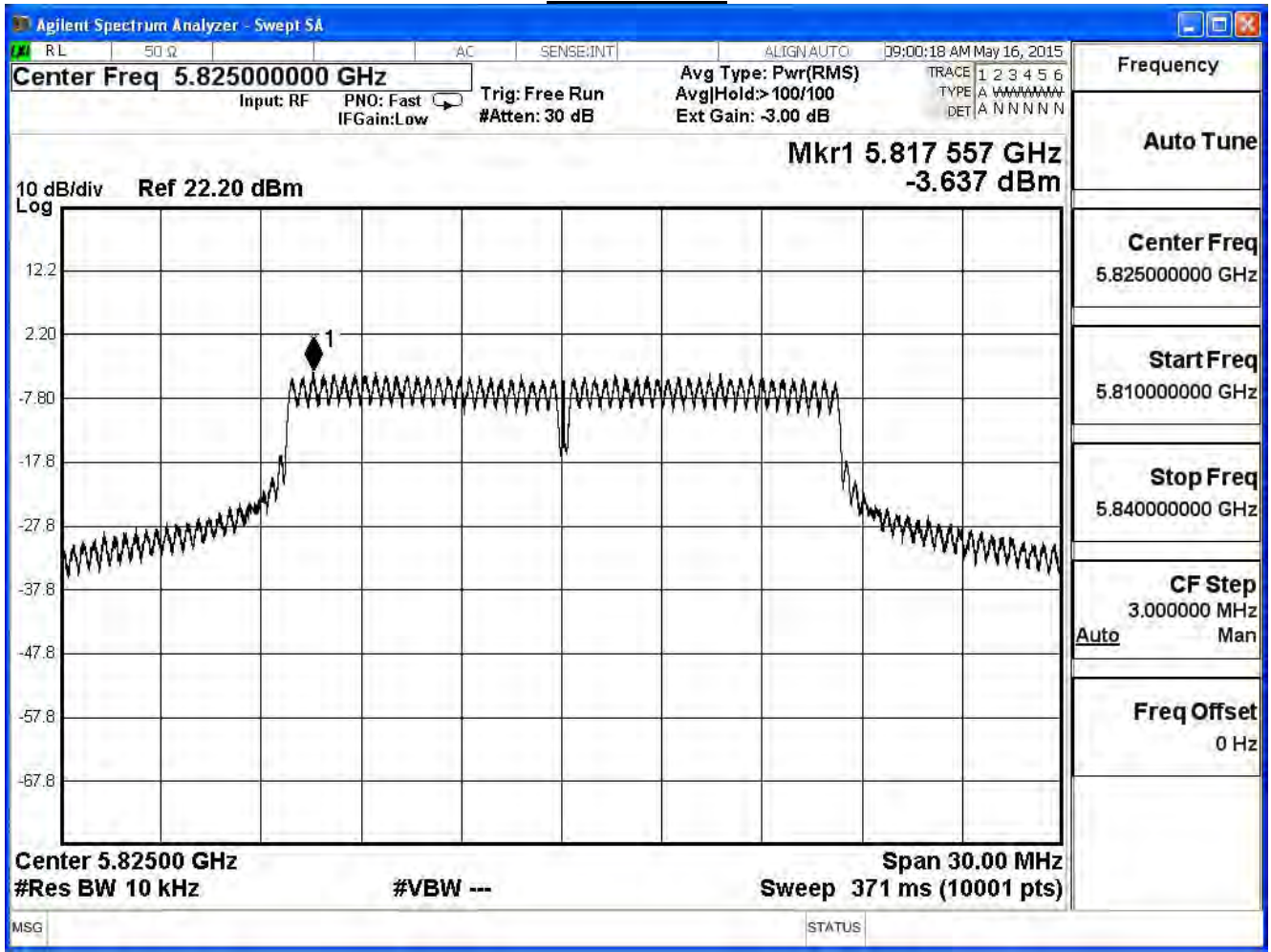
Channel 149



Channel 157



Channel 165



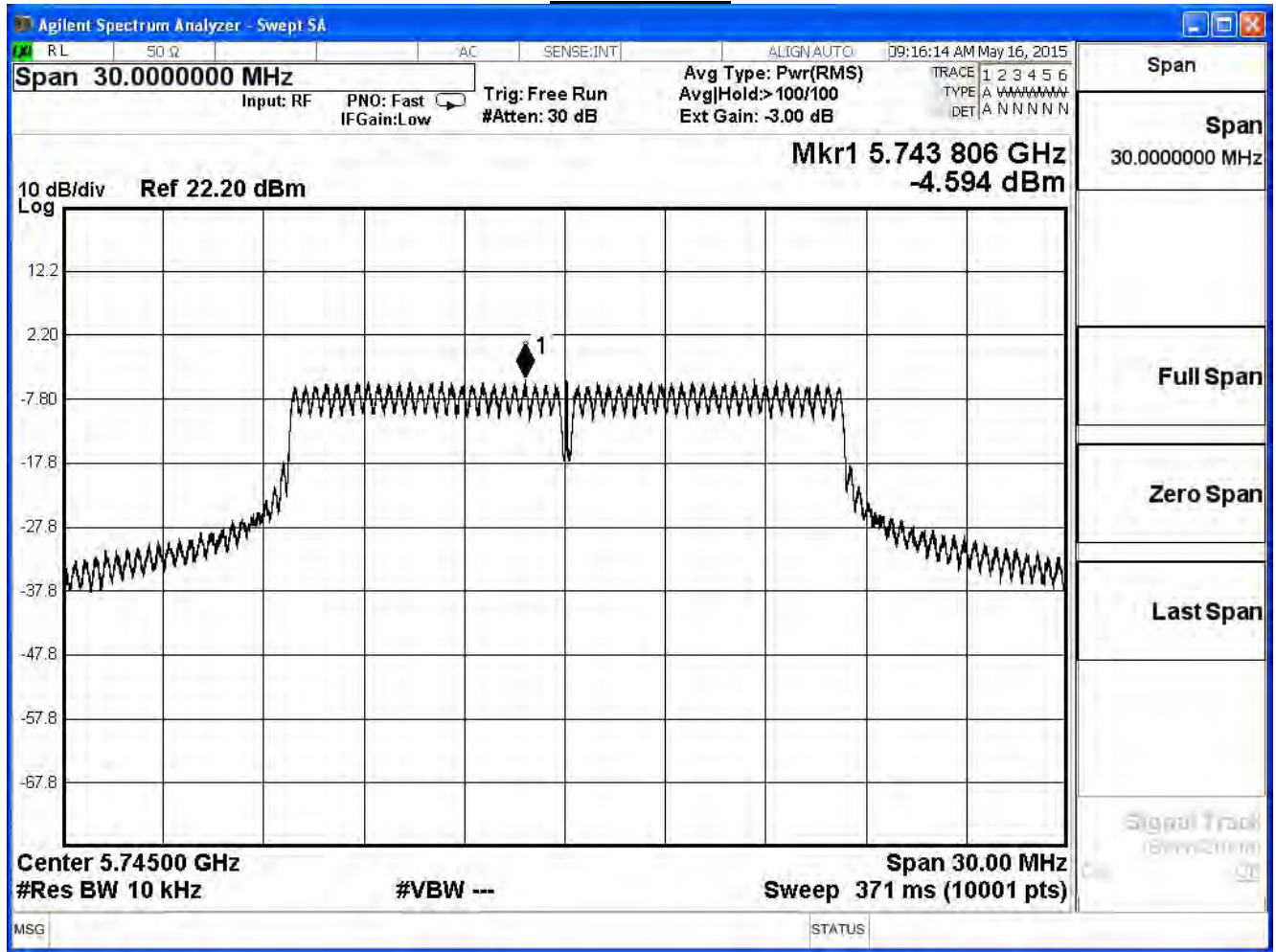
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11a (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-4.59	≤ 5.05	Pass
157	5785	-4.90	≤ 5.05	Pass
165	5825	-5.10	≤ 5.05	Pass

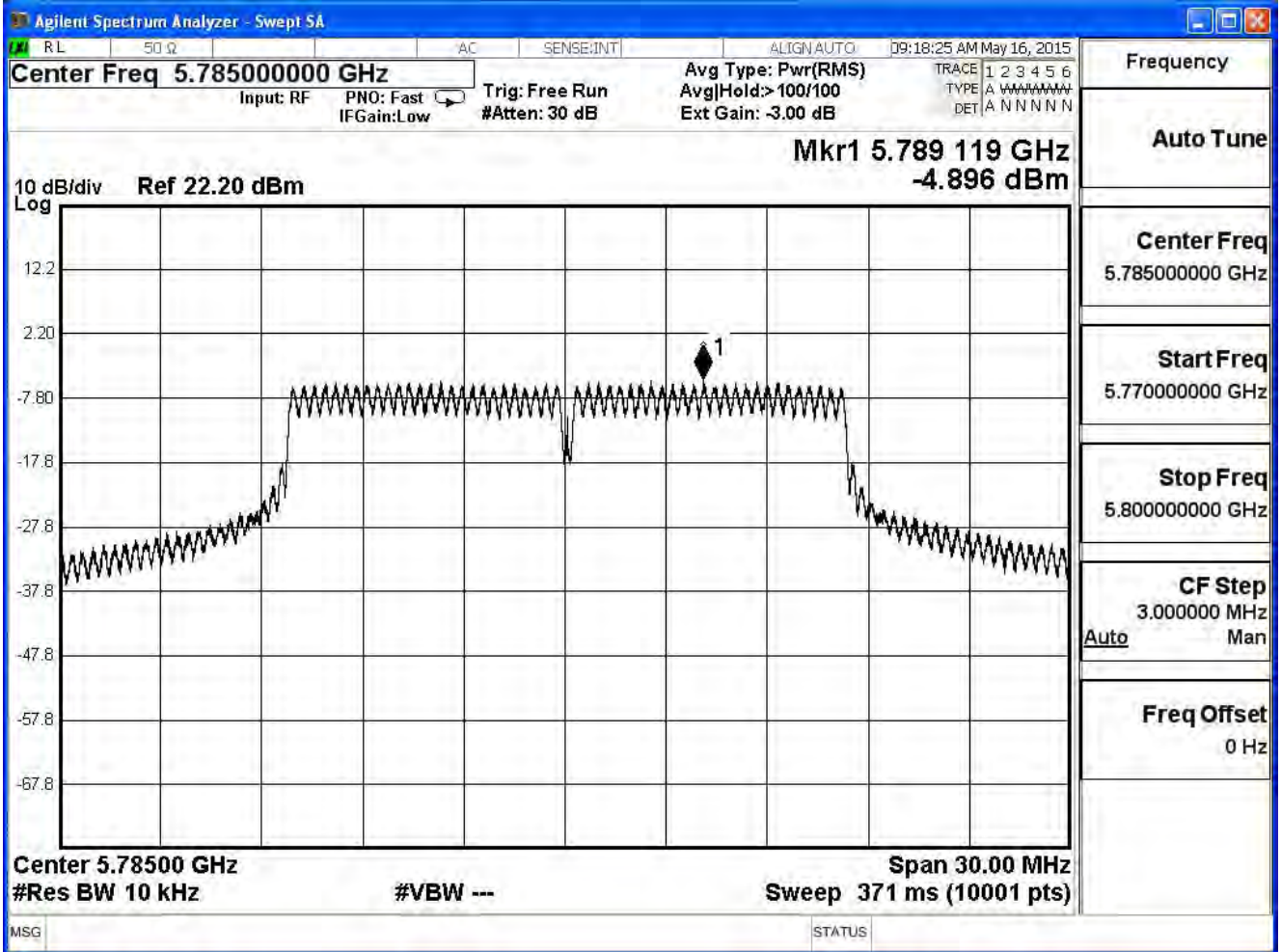
Directional Antenna: Array Gain =8.95i

Power Density Limit:8dBm-(8.95dBi-6dB)= 5.05dBm/MHz

Channel 149



Channel 157



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11a (ANT 0+1+2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	0.13	≤ 5.05	Pass
157	5785	0.81	≤ 5.05	Pass
165	5825	0.45	≤ 5.05	Pass

Directional Antenna: Array Gain =8.95i

Power Density Limit:8dBm-(8.95dBi-6dB)= 5.05dBm/MHz

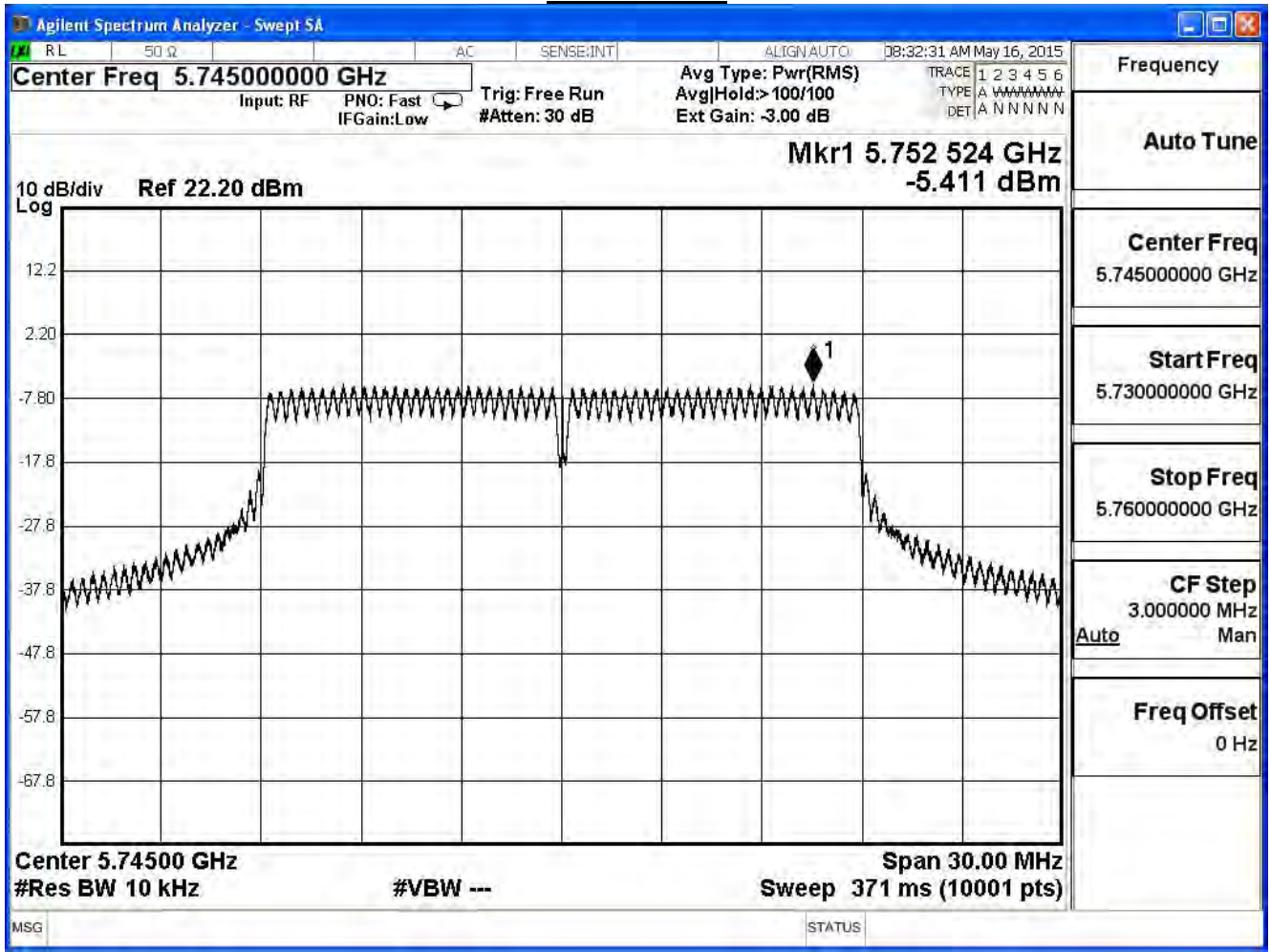
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE802.11n_20MHz_(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-5.41	≤ 5.05	Pass
157	5785	-5.03	≤ 5.05	Pass
165	5825	-5.30	≤ 5.05	Pass

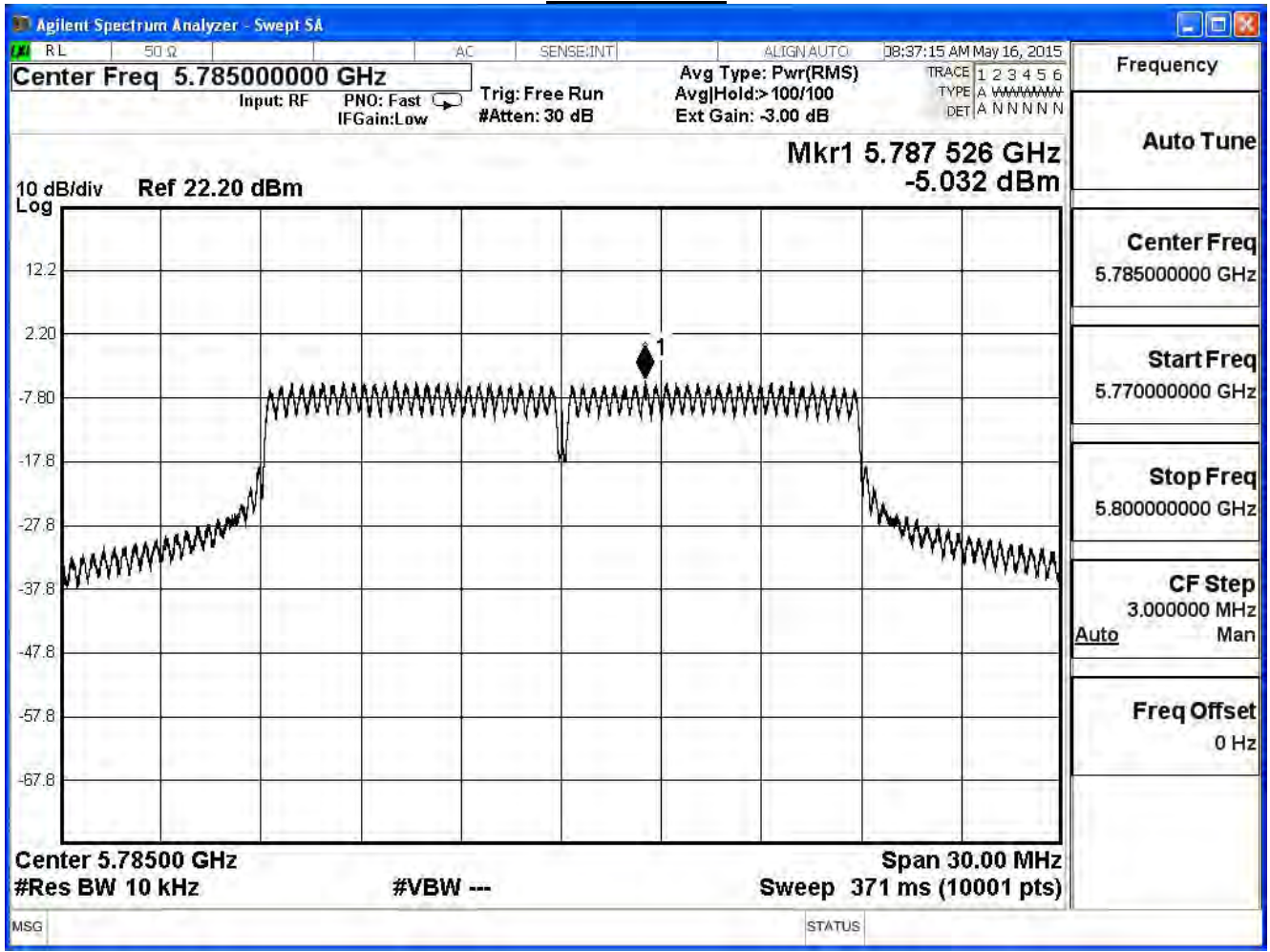
Directional Antenna: Array Gain =8.95i

Power Density Limit:8dBm-(8.95dBi-6dB)= 5.05dBm/MHz

Channel 149



Channel 157



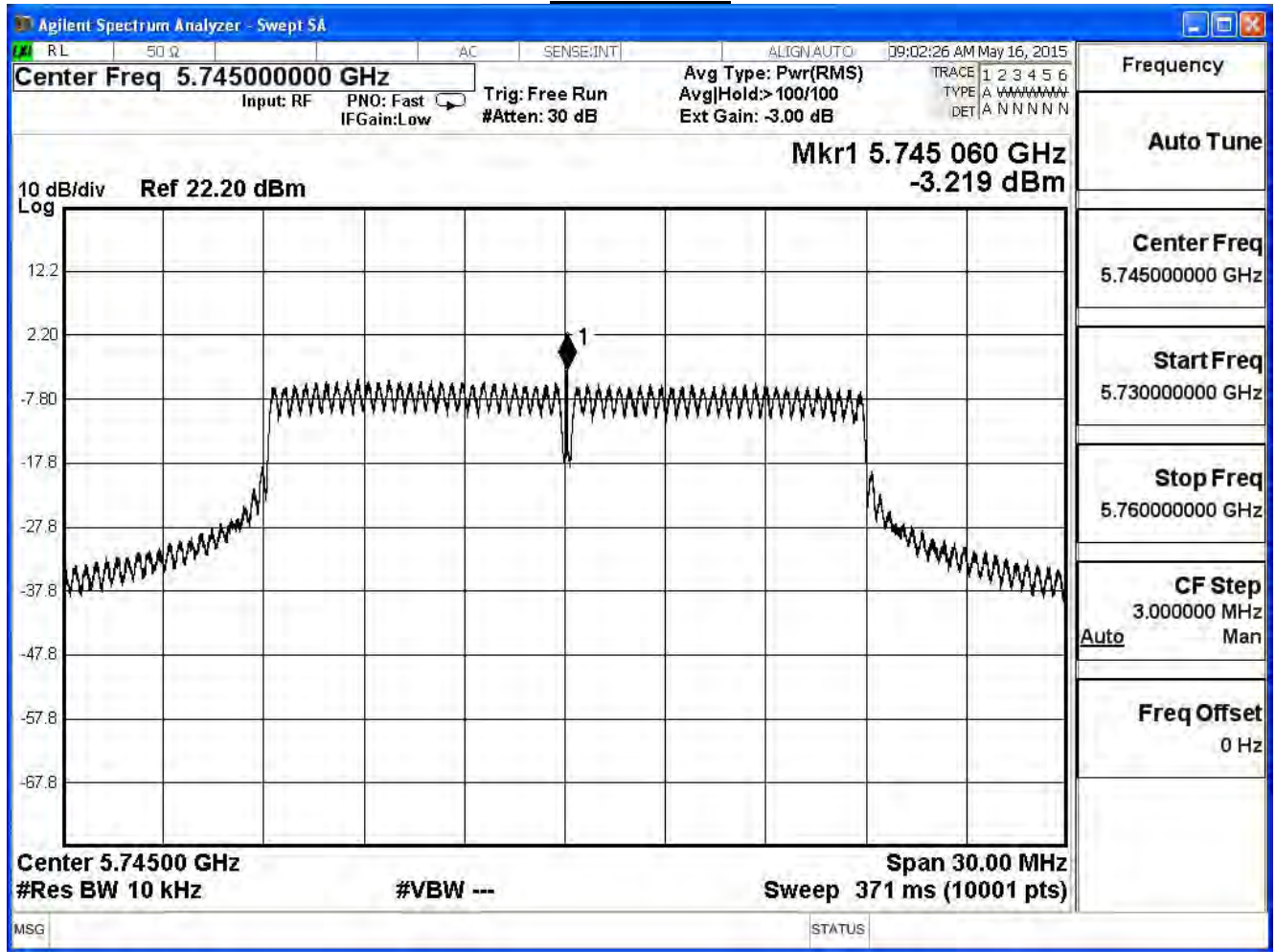
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE802.11n_20MHz_(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-3.22	≤ 5.05	Pass
157	5785	-3.79	≤ 5.05	Pass
165	5825	-4.43	≤ 5.05	Pass

Directional Antenna: Array Gain =8.95i

Power Density Limit:8dBm-(8.95dBi-6dB)= 5.05dBm/MHz

Channel 149



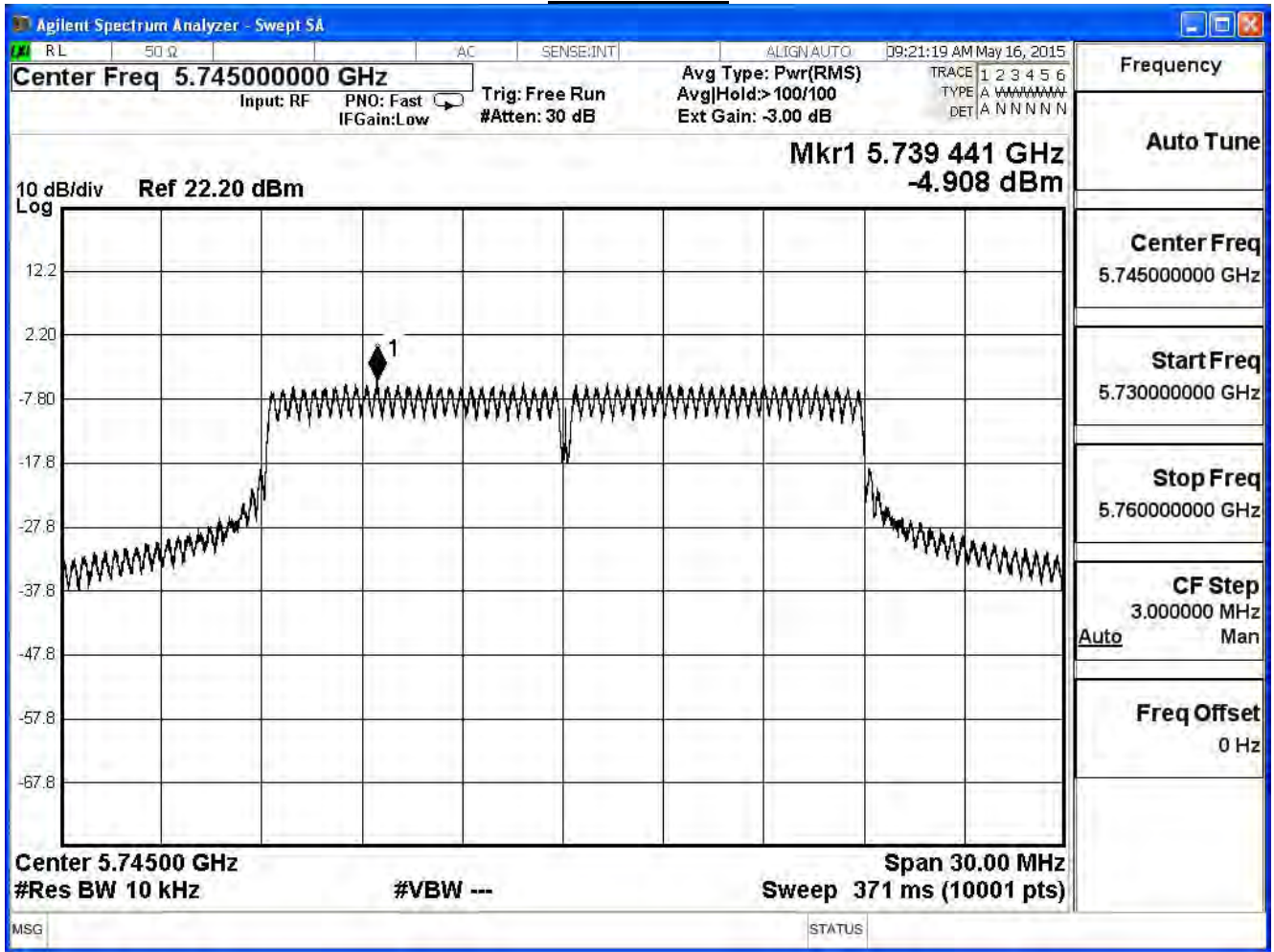
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE802.11n_20MHz_(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-4.91	≤ 5.05	Pass
157	5785	-5.39	≤ 5.05	Pass
165	5825	-5.74	≤ 5.05	Pass

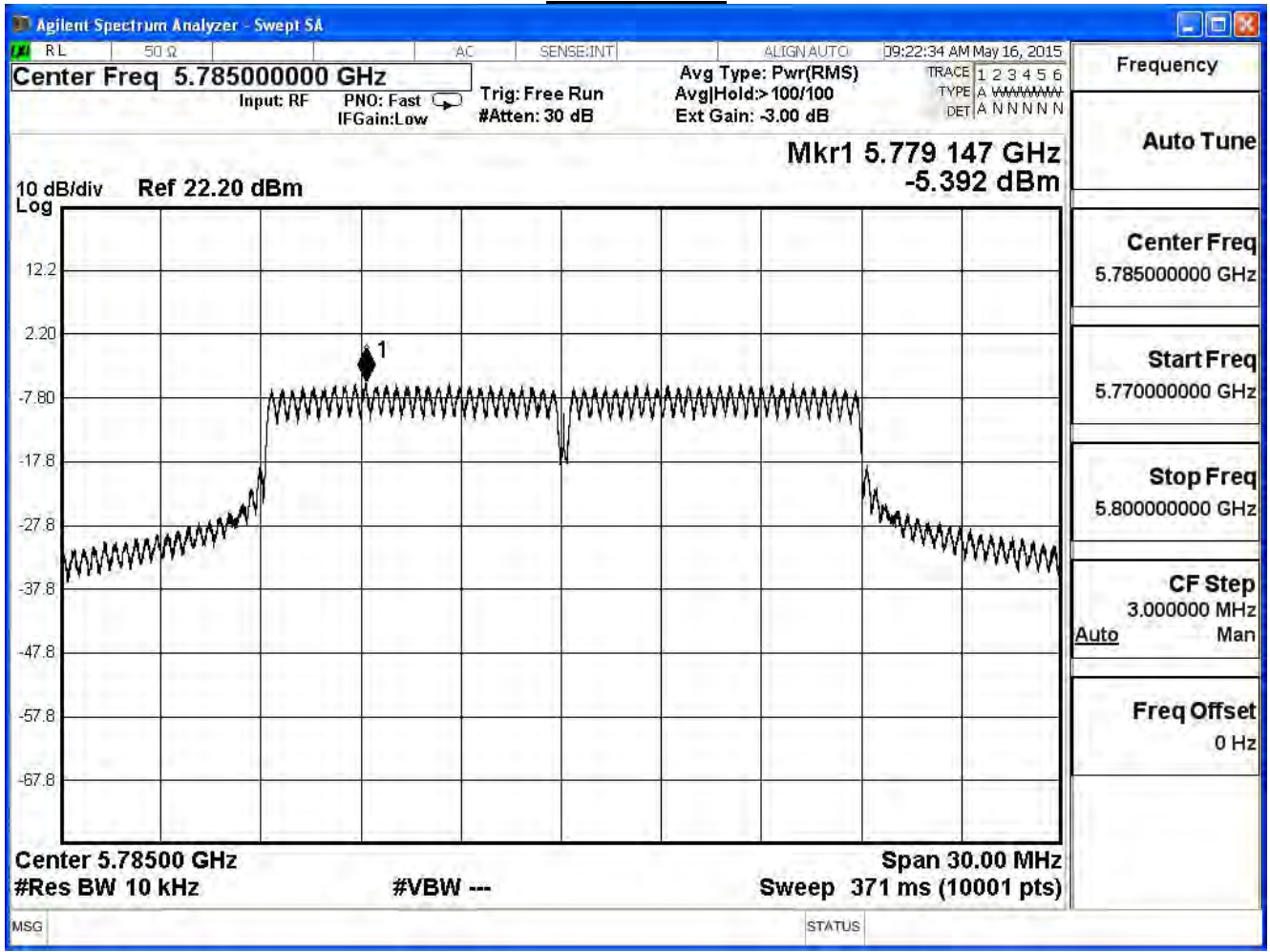
Directional Antenna: Array Gain =8.95i

Power Density Limit:8dBm-(8.95dBi-6dB)= 5.05dBm/MHz

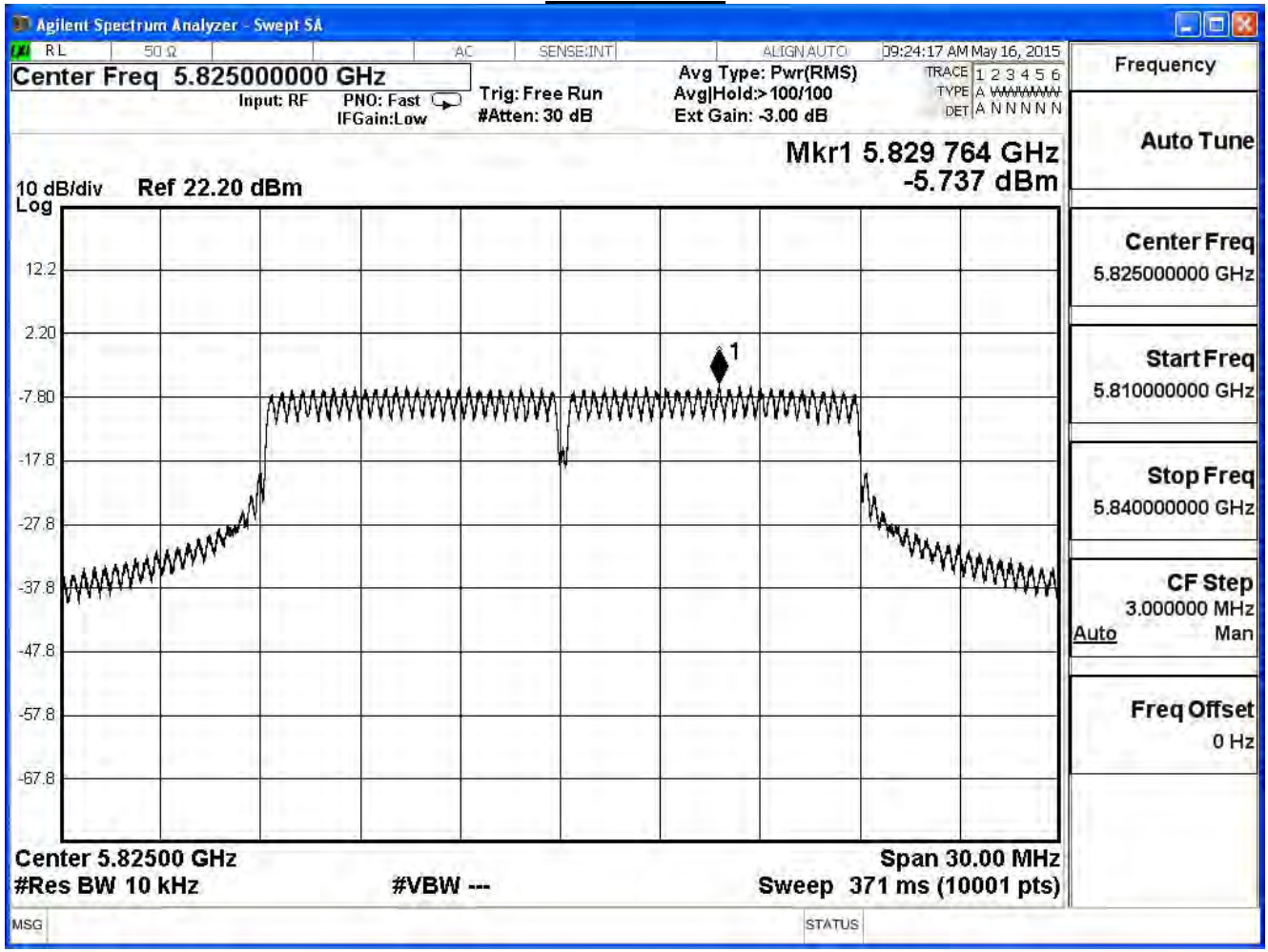
Channel 149



Channel 157



Channel 165



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	0.36	≤ 5.05	Pass
157	5785	0.09	≤ 5.05	Pass
165	5825	-0.35	≤ 5.05	Pass

Directional Antenna: Array Gain =8.95i

Power Density Limit:8dBm-(8.95dBi-6dB)= 5.05dBm/MHz

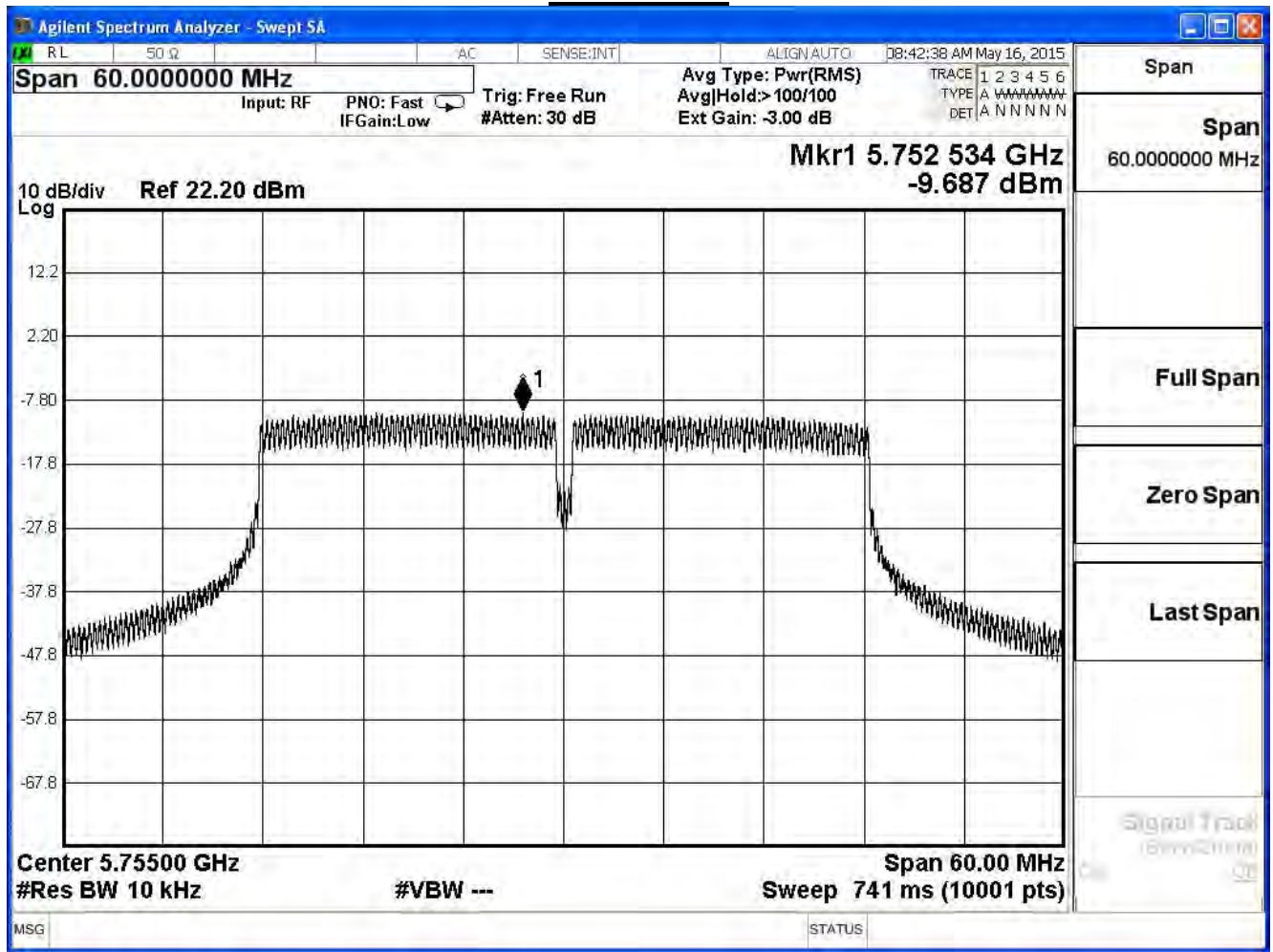
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n_40MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-9.69	≤ 5.05	Pass
159	5795	-7.89	≤ 5.05	Pass

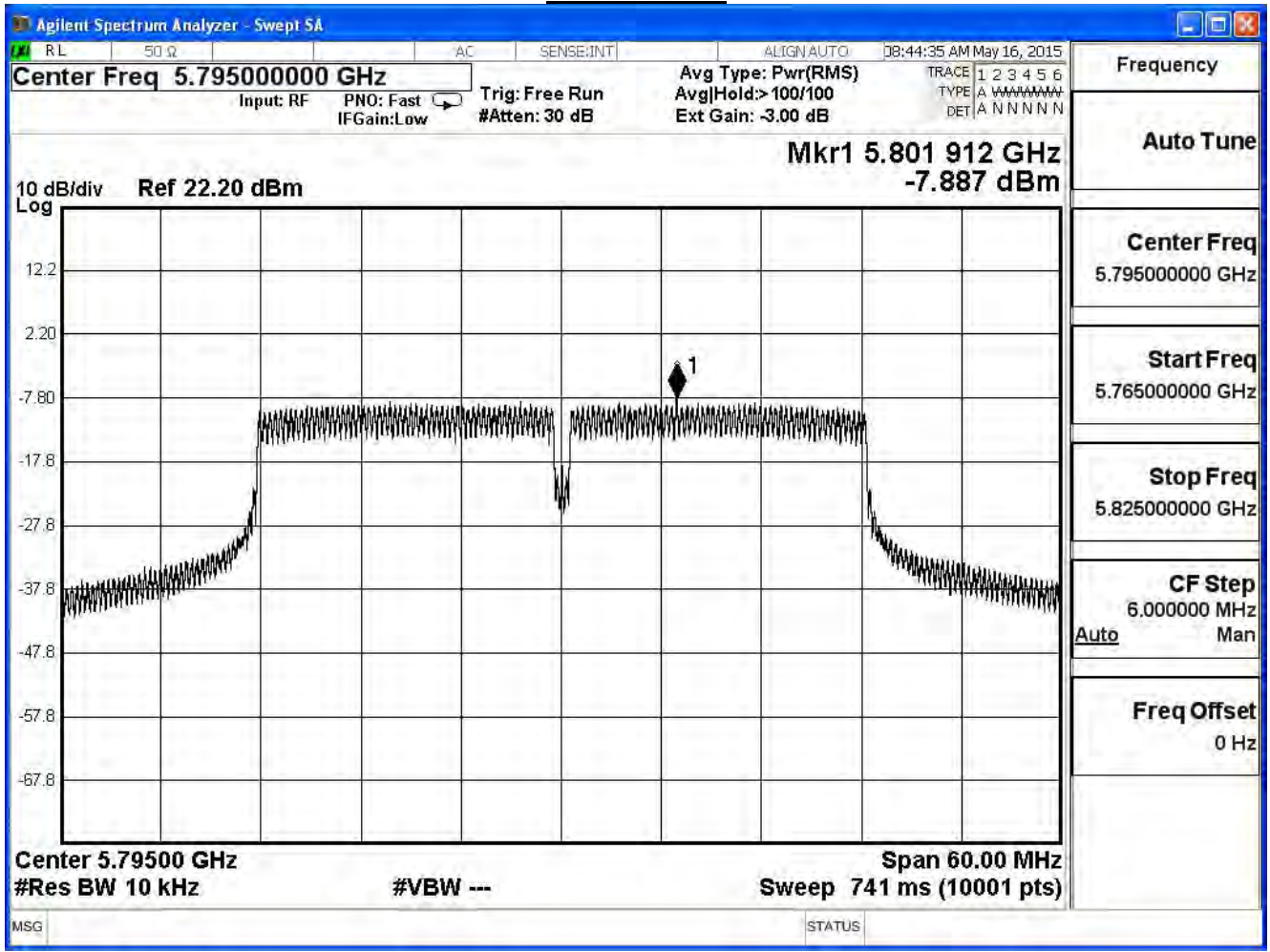
Directional Antenna: Array Gain = 8.95i

Power Density Limit: 8dBm - (8.95dBi - 6dB) = 5.05dBm/MHz

Channel 151



Channel 159



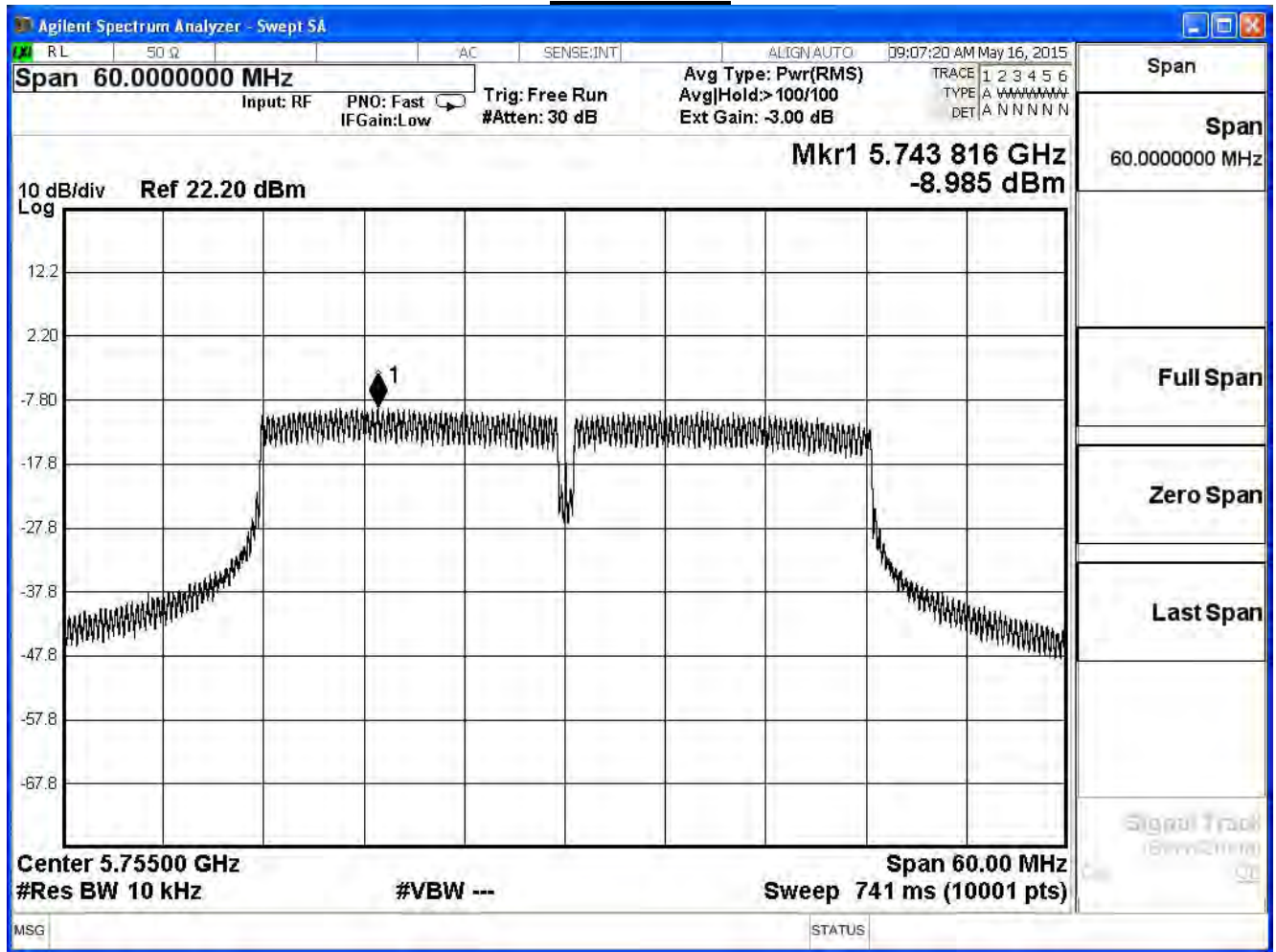
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n_40MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-8.99	≤ 5.05	Pass
159	5795	-7.89	≤ 5.05	Pass

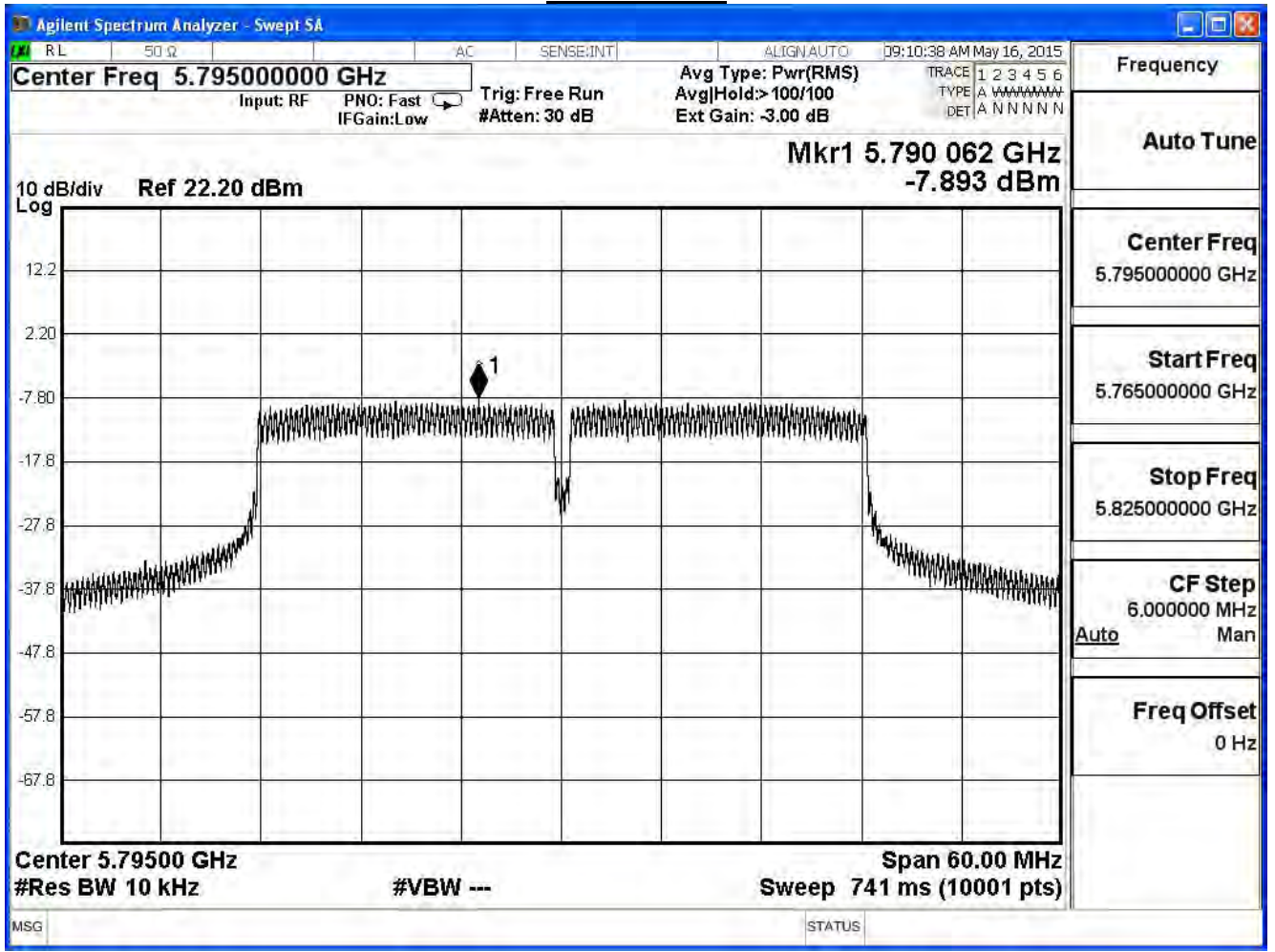
Directional Antenna: Array Gain = 8.95i

Power Density Limit: 8dBm - (8.95dBi - 6dB) = 5.05dBm/MHz

Channel 151



Channel 159



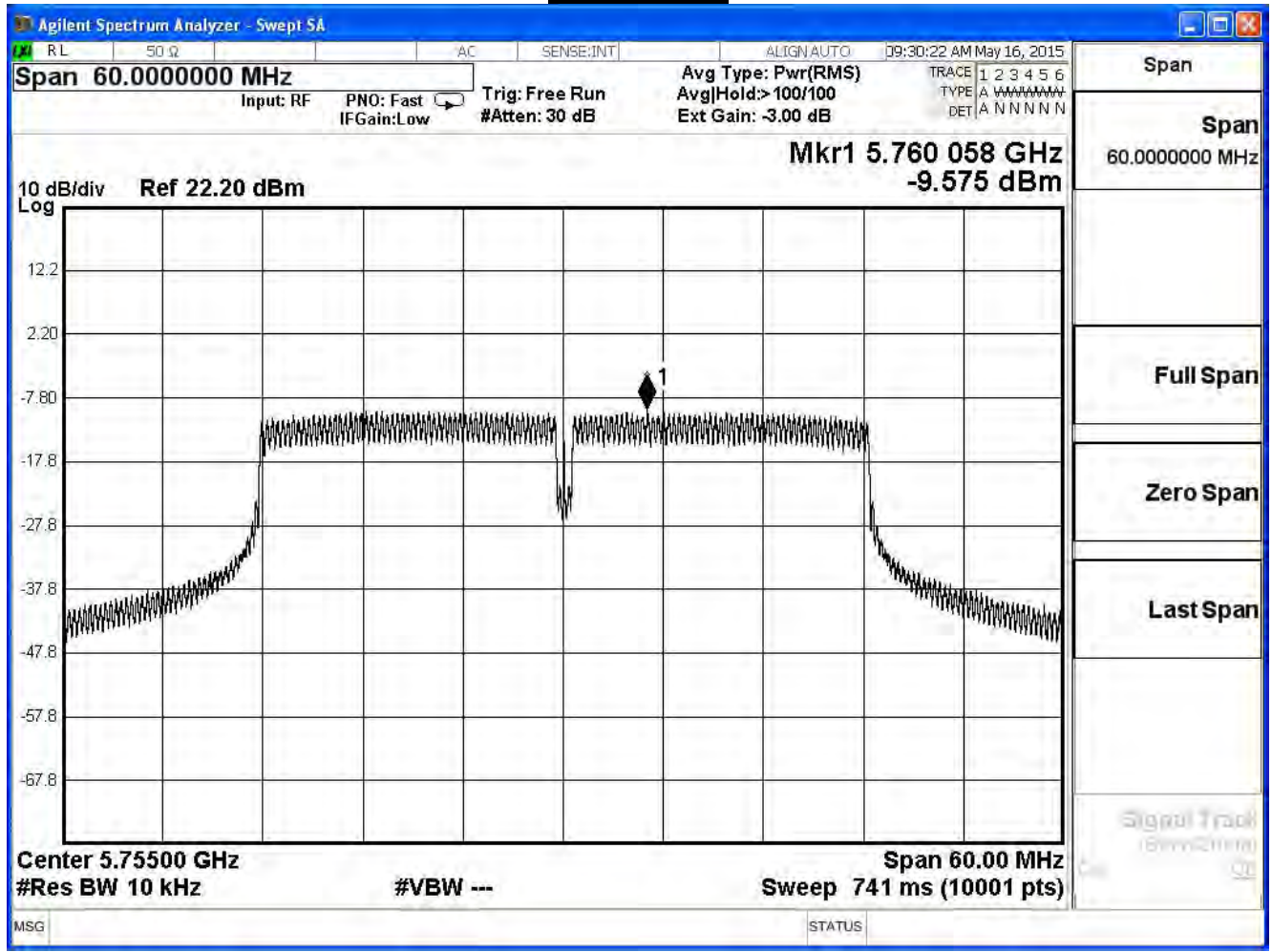
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n_40MHz (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-9.58	≤ 5.05	Pass
159	5795	-8.59	≤ 5.05	Pass

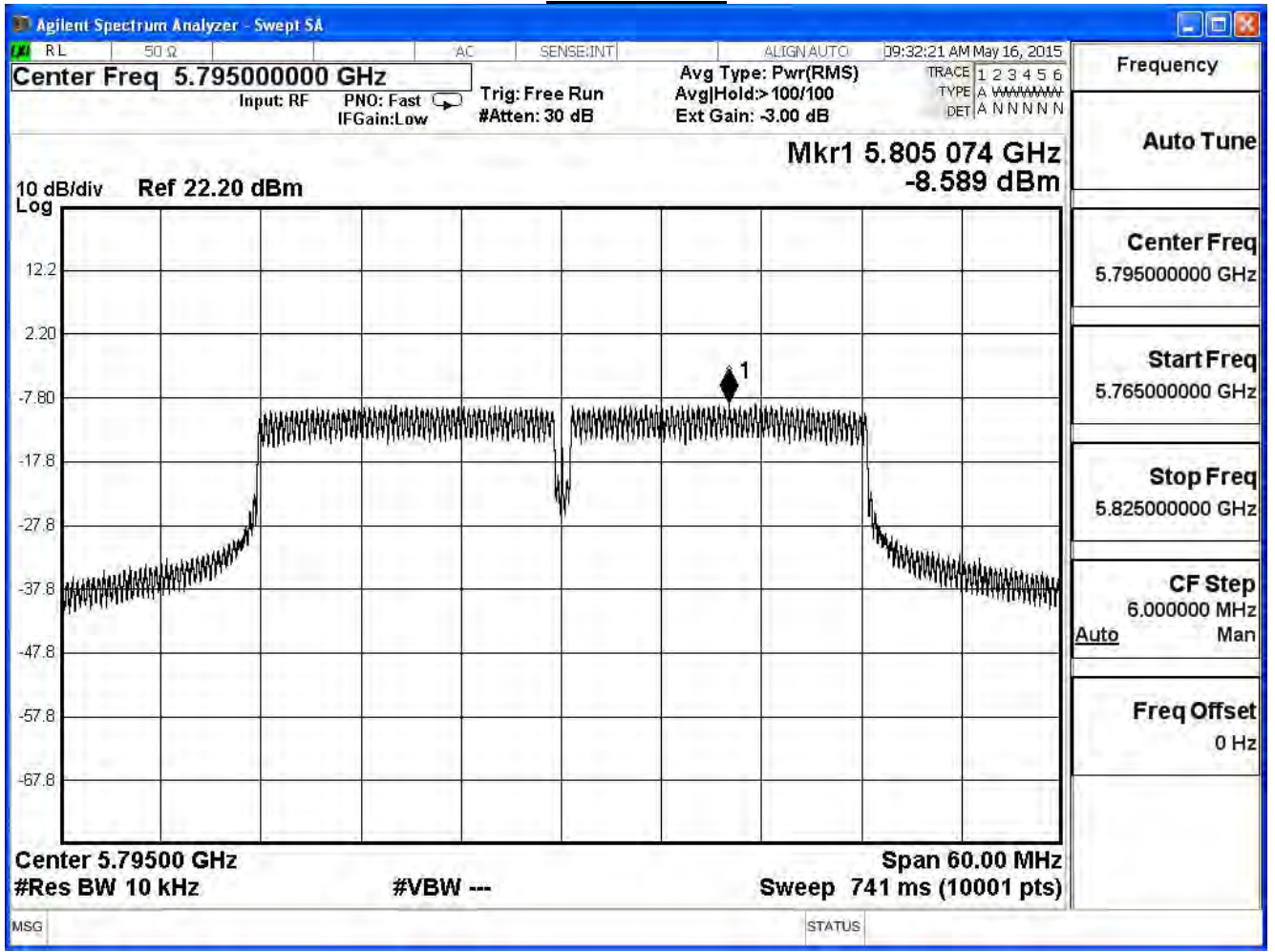
Directional Antenna: Array Gain =8.95i

Power Density Limit:8dBm-(8.95dBi-6dB)= 5.05dBm/MHz

Channel 151



Channel 159



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
151	5755	-4.63	≤ 5.05	Pass
159	5795	-3.34	≤ 5.05	Pass

Directional Antenna: Array Gain =8.95i

Power Density Limit:8dBm-(8.95dBi-6dB)= 5.05dBm/MHz

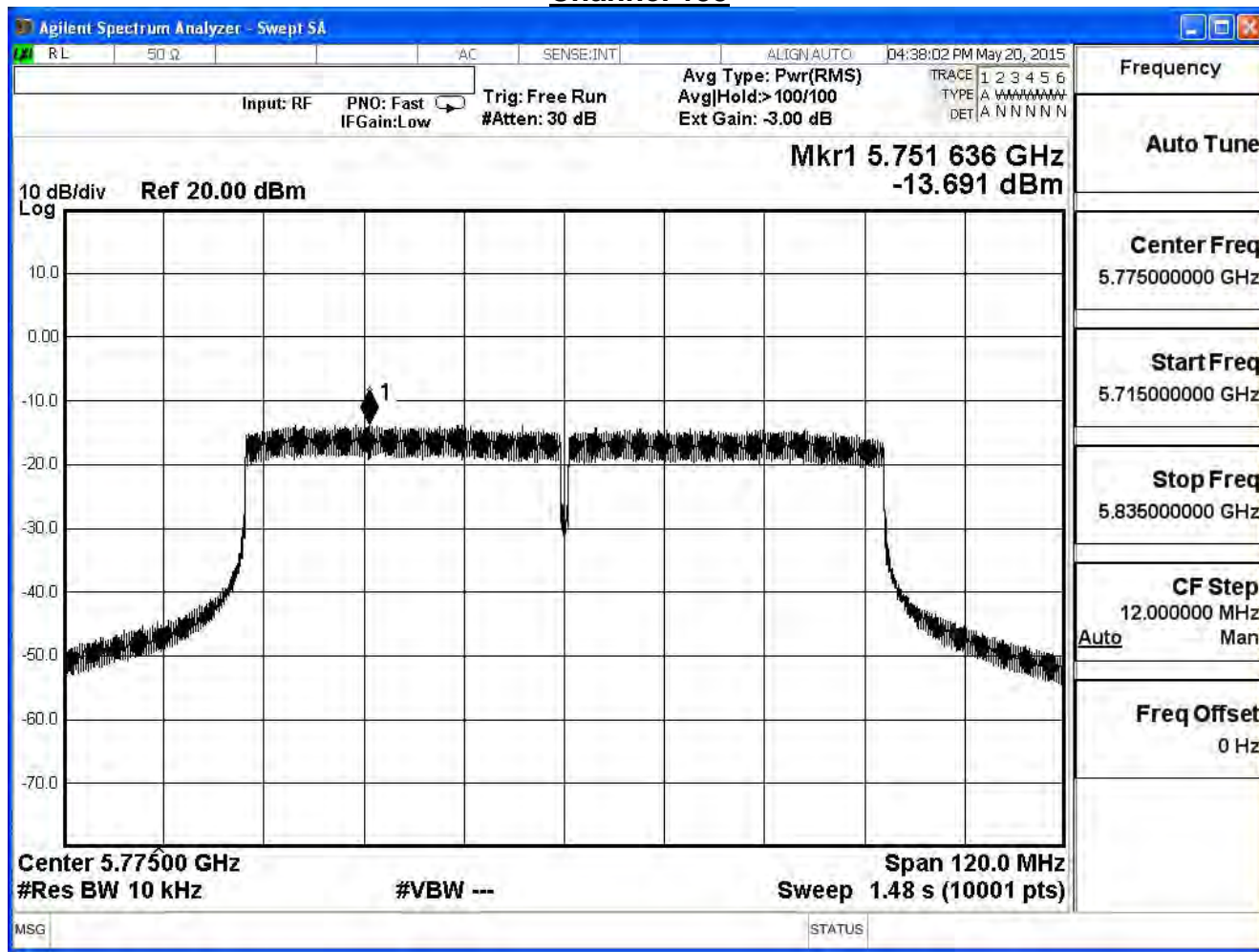
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11ac_80MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-13.69	≤5.05	Pass

Directional Antenna: Array Gain =8.95i

Power Density Limit:8dBm-(8.95dBi-6dB)= 5.05dBm/MHz

Channel 155



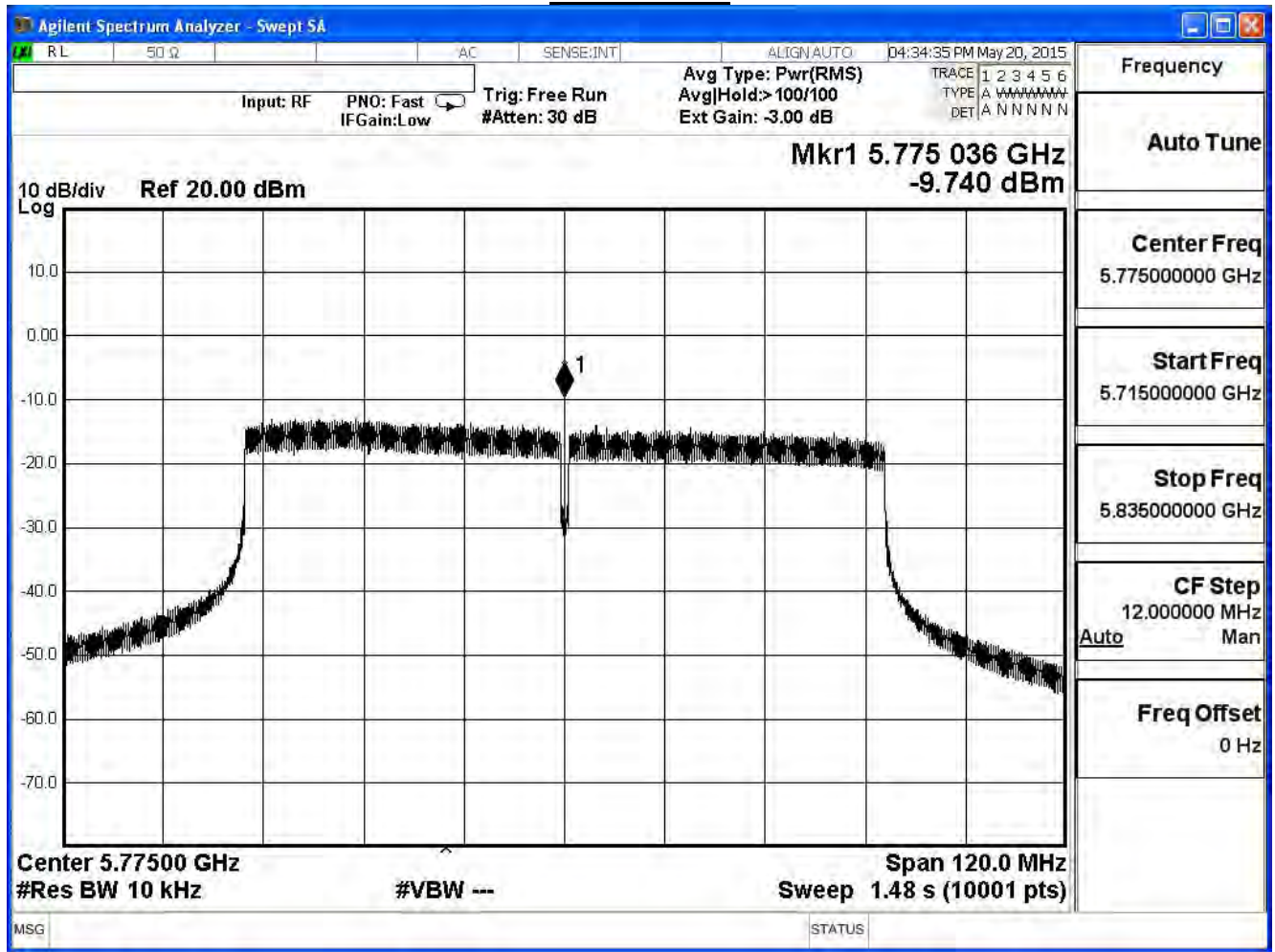
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11ac_80MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-9.74	≤5.05	Pass

Directional Antenna: Array Gain =8.95i

Power Density Limit:8dBm-(8.95dBi-6dB)= 5.05dBm/MHz

Channel 155



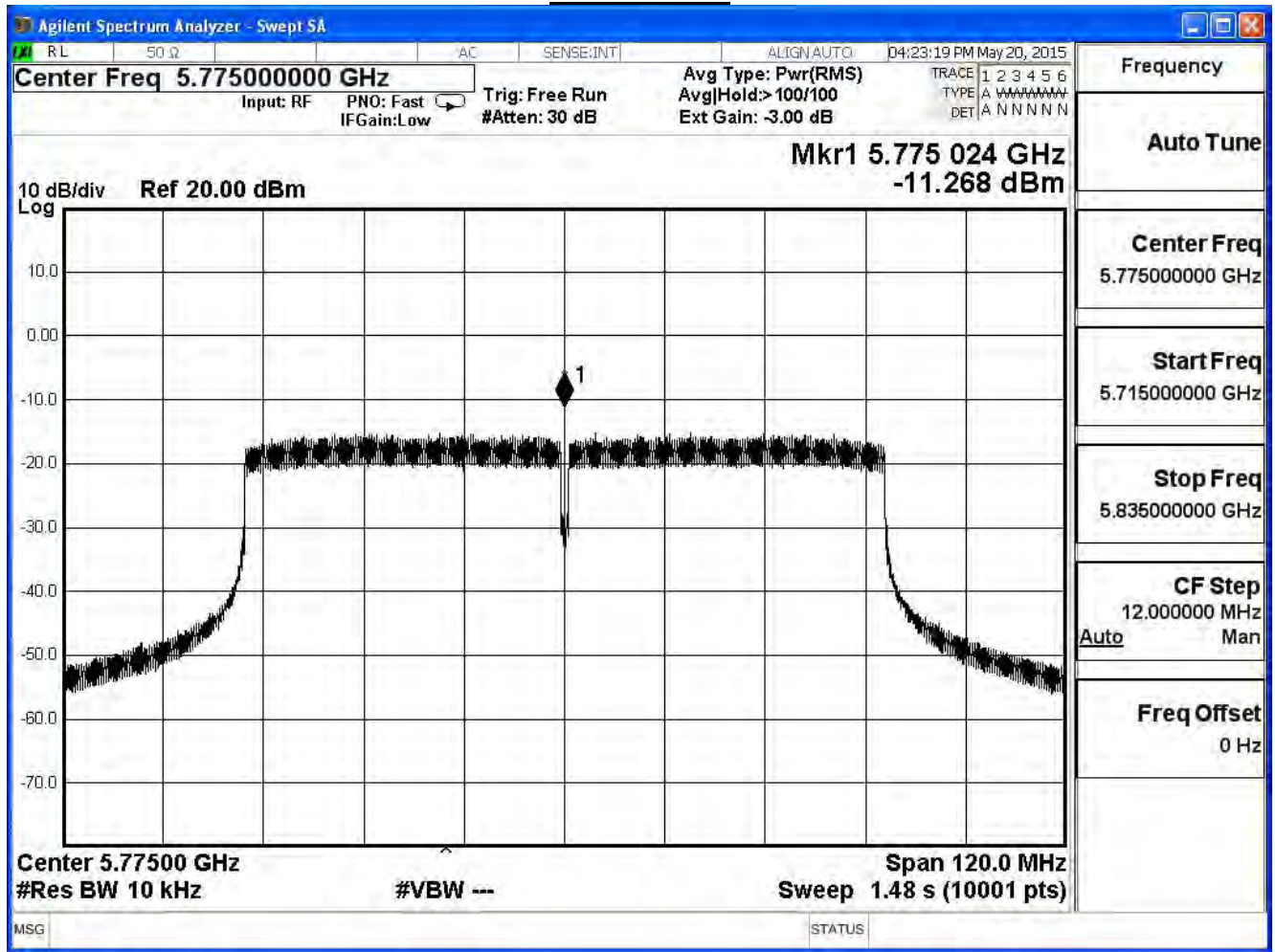
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11ac_80MHz (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-11.27	≤5.05	Pass

Directional Antenna: Array Gain =8.95i

Power Density Limit:8dBm-(8.95dBi-6dB)= 5.05dBm/MHz

Channel 155



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Power Density		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
155	5775	-6.51	≤ 5.05	Pass

Directional Antenna: Array Gain =8.95i

Power Density Limit:8dBm-(8.95dBi-6dB)= 5.05dBm/MHz

Attachment 4

ALL Channel Power List

IEEE 802.11b (ANT 0+1+2) H Ant			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	25.59	≤ 30
2	2417	28.50	≤ 30
3	2422	29.34	≤ 30
4	2427	29.19	≤ 30
5	2432	29.37	≤ 30
6	2437	29.44	≤ 30
7	2442	29.15	≤ 30
8	2447	29.36	≤ 30
9	2452	29.27	≤ 30
10	2457	29.12	≤ 30
11	2462	25.66	≤ 30

IEEE 802.11g (ANT 0+1+2) H Ant			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	20.58	≤ 30
2	2417	24.52	≤ 30
3	2422	29.18	≤ 30
4	2427	29.43	≤ 30
5	2432	29.24	≤ 30
6	2437	29.38	≤ 30
7	2442	29.27	≤ 30
8	2447	29.17	≤ 30
9	2452	29.27	≤ 30
10	2457	26.72	≤ 30
11	2462	22.95	≤ 30

IEEE 802.11n20 (ANT 0+1+2) H Ant			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	18.64	≤ 30
2	2417	25.12	≤ 30
3	2422	29.47	≤ 30
4	2427	29.31	≤ 30
5	2432	29.42	≤ 30
6	2437	29.49	≤ 30
7	2442	29.44	≤ 30
8	2447	29.27	≤ 30
9	2452	29.37	≤ 30
10	2457	27.11	≤ 30
11	2462	22.43	≤ 30

IEEE 802.11n40 (ANT 0+1+2) H Ant			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	15.56	≤ 30
4	2427	19.61	≤ 30
5	2432	22.12	≤ 30
6	2437	22.38	≤ 30
7	2442	22.12	≤ 30
8	2447	19.33	≤ 30
9	2452	15.30	≤ 30

IEEE 802.11b (ANT 0+1+2) V Ant			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	26.53	≤ 30
2	2417	29.12	≤ 30
3	2422	29.32	≤ 30
4	2427	29.24	≤ 30
5	2432	29.13	≤ 30
6	2437	29.67	≤ 30
7	2442	29.27	≤ 30
8	2447	29.43	≤ 30
9	2452	29.34	≤ 30
10	2457	28.75	≤ 30
11	2462	24.56	≤ 30

IEEE 802.11g (ANT 0+1+2) V Ant			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	22.92	≤ 30
2	2417	26.91	≤ 30
3	2422	29.14	≤ 30
4	2427	29.31	≤ 30
5	2432	29.21	≤ 30
6	2437	29.62	≤ 30
7	2442	29.24	≤ 30
8	2447	29.34	≤ 30
9	2452	29.17	≤ 30
10	2457	27.73	≤ 30
11	2462	22.94	≤ 30

IEEE 802.11n20 (ANT 0+1+2) V Ant			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	20.34	≤ 30
2	2417	25.80	≤ 30
3	2422	29.37	≤ 30
4	2427	29.29	≤ 30
5	2432	29.24	≤ 30
6	2437	29.46	≤ 30
7	2442	29.34	≤ 30
8	2447	29.16	≤ 30
9	2452	29.33	≤ 30
10	2457	28.31	≤ 30
11	2462	20.75	≤ 30

IEEE 802.11n40 (ANT 0+1+2) V Ant			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	15.29	≤ 30
4	2427	18.78	≤ 30
5	2432	23.11	≤ 30
6	2437	23.37	≤ 30
7	2442	23.12	≤ 30
8	2447	18.54	≤ 30
9	2452	15.01	≤ 30