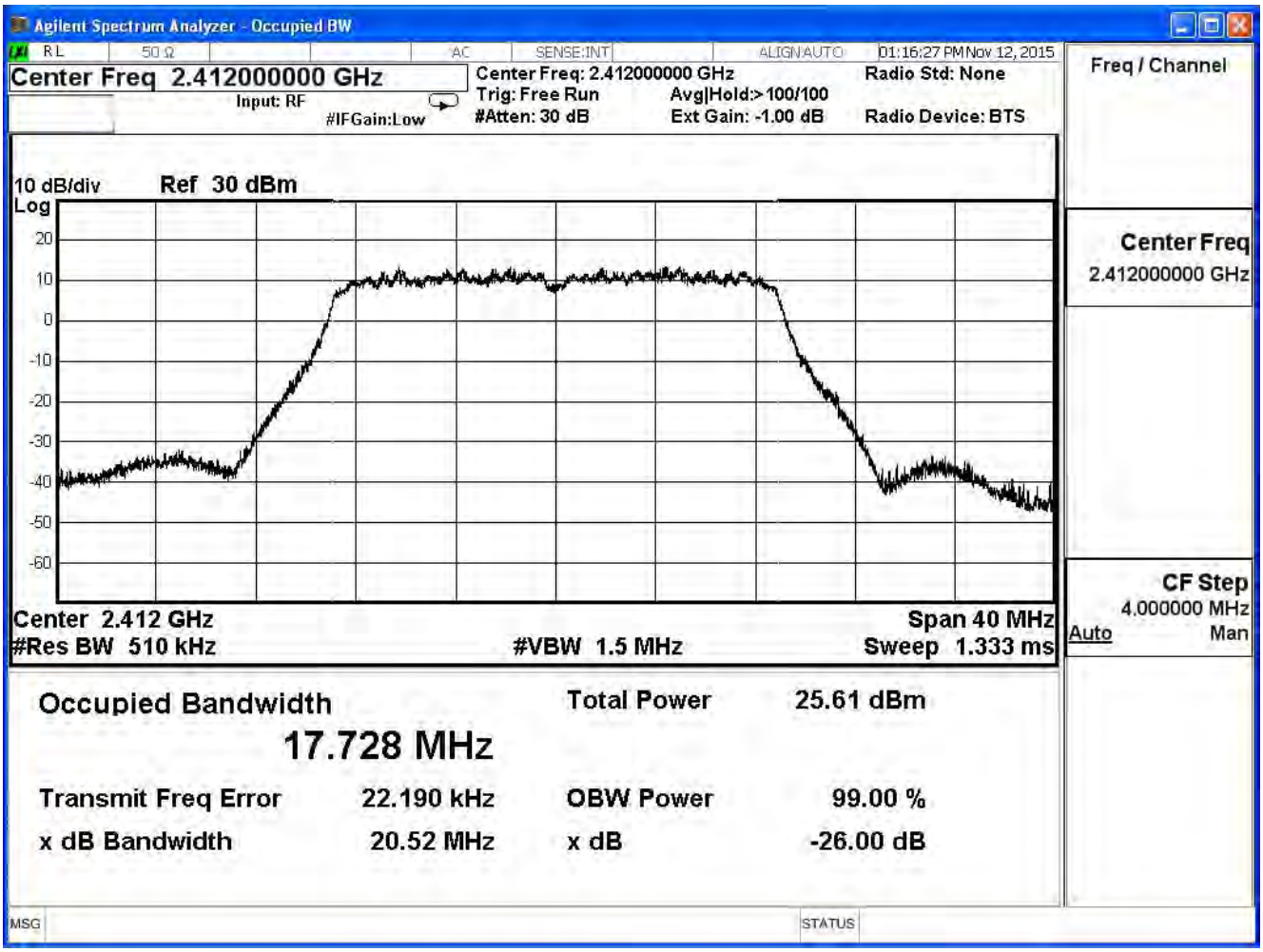
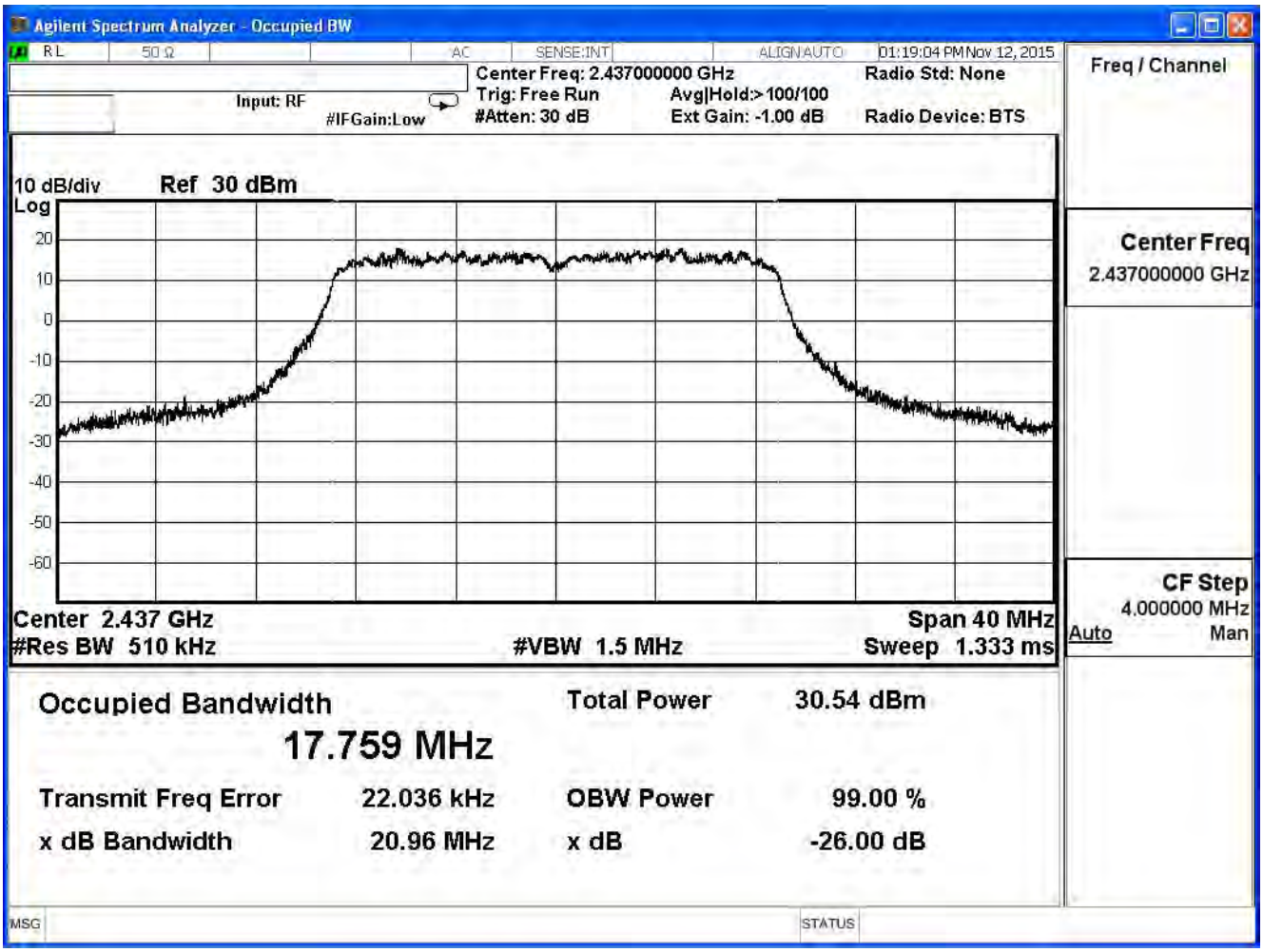
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/12	Test Site	SR7

IEEE 802.11n_20M (ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	17.728	--	Pass
6	2437	17.759	--	Pass
11	2462	17.724	--	Pass

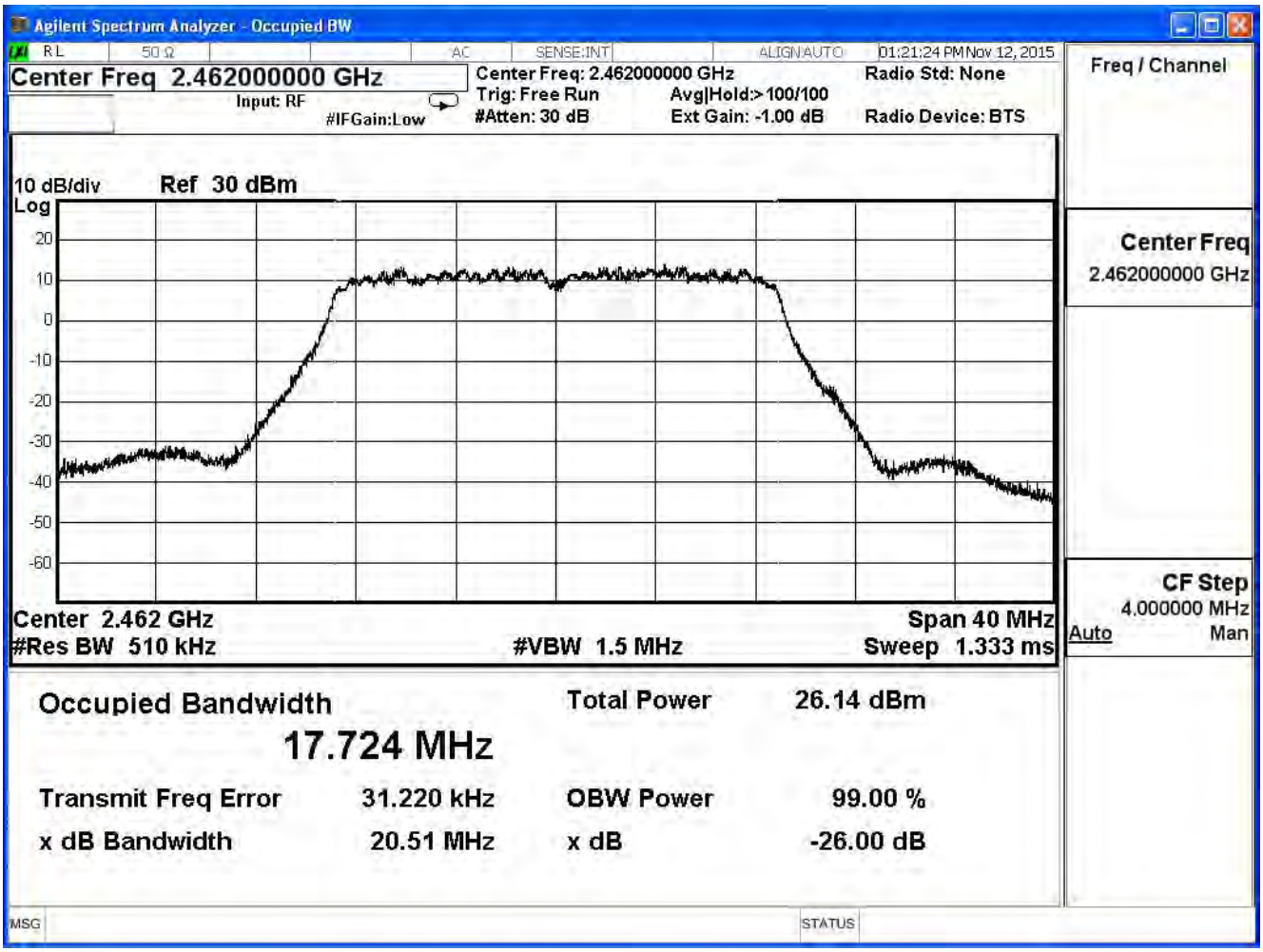
Channel 1



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:19:04 PM Nov 12, 2015
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Input: RF
#IFGain:Low
Freq / Channel
10 dB/div
Ref 30 dBm
Log
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.759 MHz
Total Power
30.54 dBm
Transmit Freq Error
22.036 kHz
OBW Power
99.00 %
x dB Bandwidth
20.96 MHz
x dB
-26.00 dB
MSG
STATUS

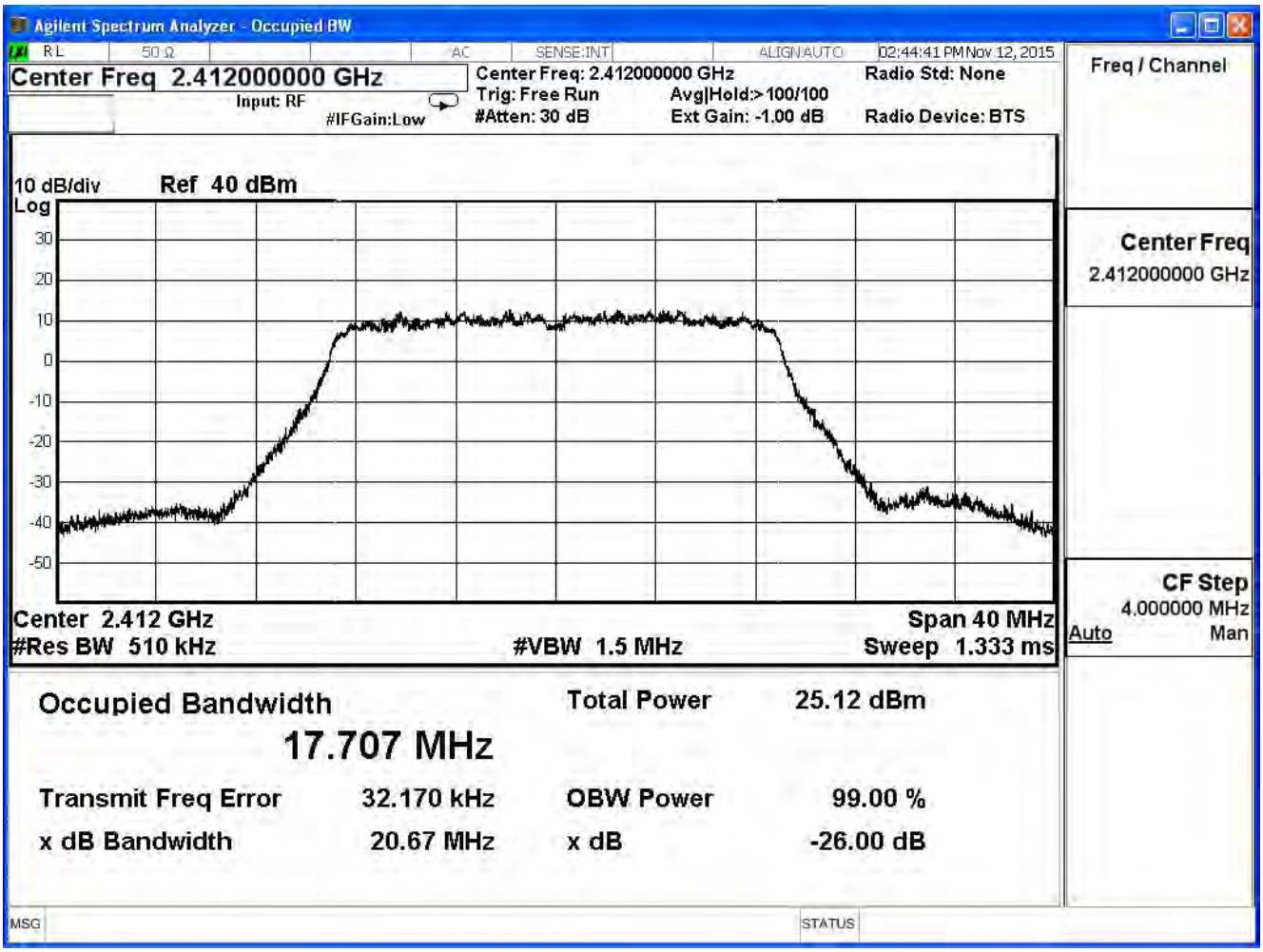
Channel 11


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:21:24 PM Nov 12, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.724 MHz
Total Power
26.14 dBm
Transmit Freq Error
31.220 kHz
OBW Power
99.00 %
x dB Bandwidth
20.51 MHz
x dB
-26.00 dB
MSG
STATUS

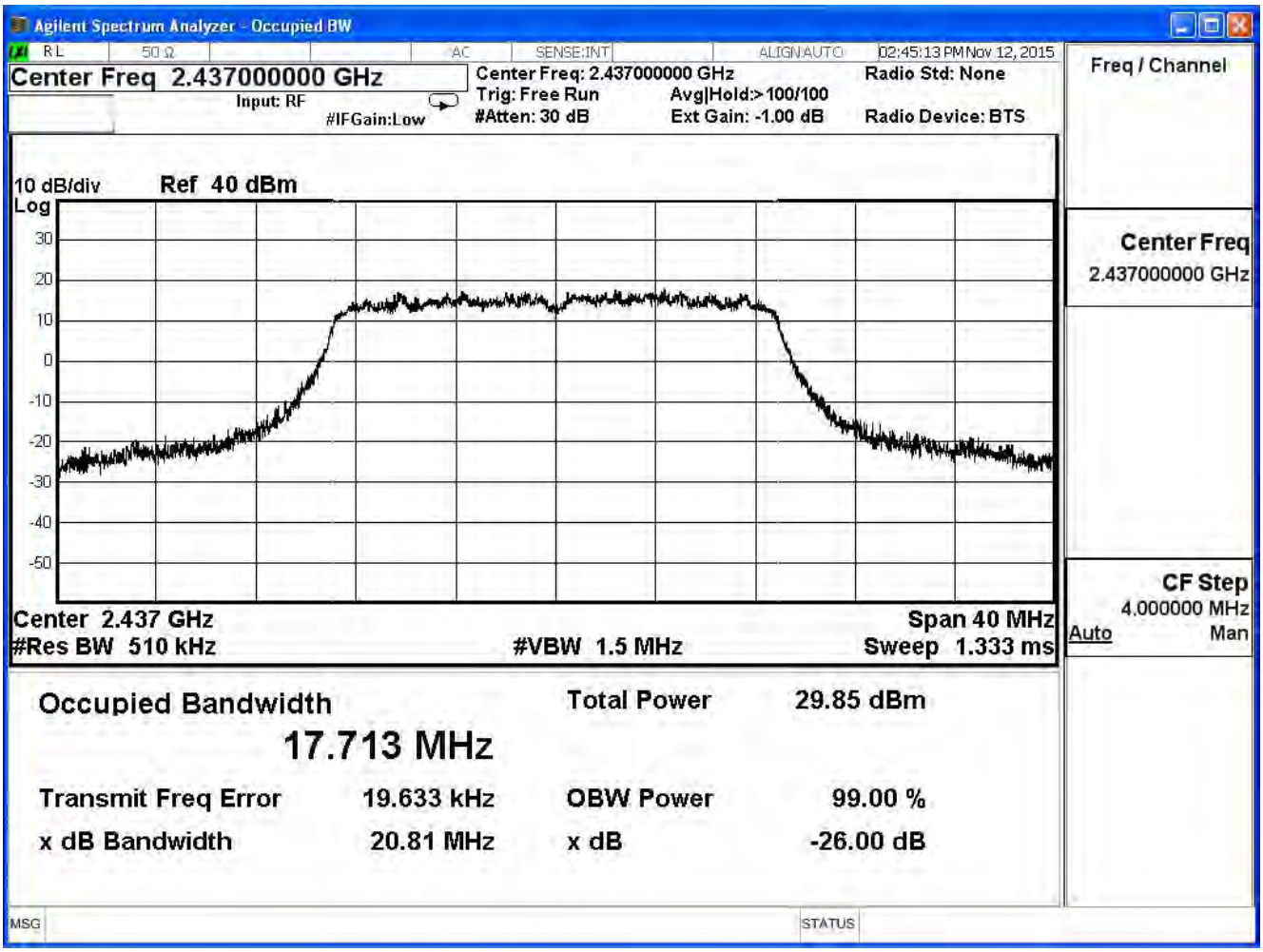
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/12	Test Site	SR7

IEEE 802.11n_20M (ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	17.707	--	Pass
6	2437	17.713	--	Pass
11	2462	17.689	--	Pass

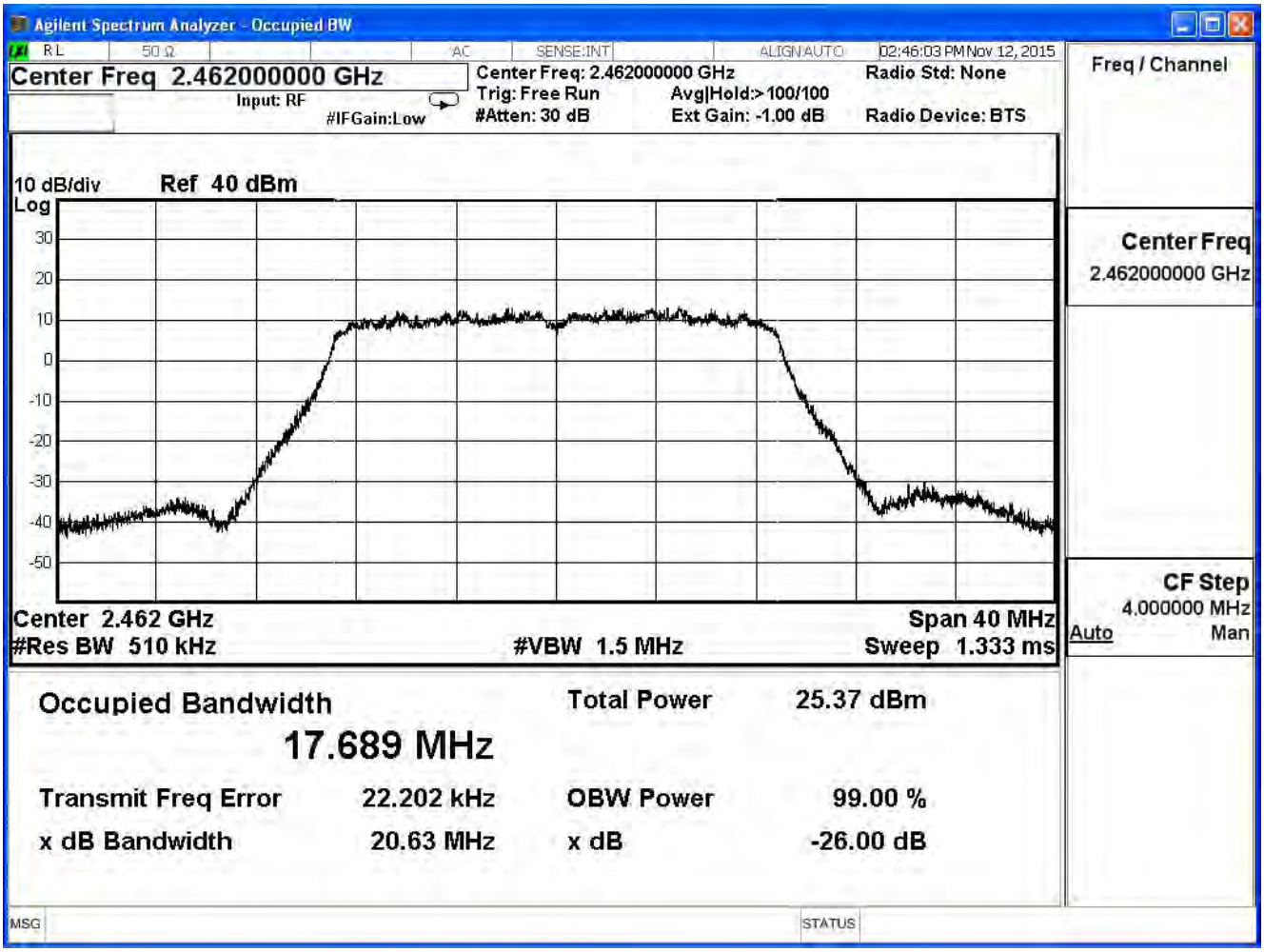
Channel 1



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:45:13 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.713 MHz
Total Power
29.85 dBm
Transmit Freq Error
19.633 kHz
OBW Power
99.00 %
x dB Bandwidth
20.81 MHz
x dB
-26.00 dB
MSG
STATUS

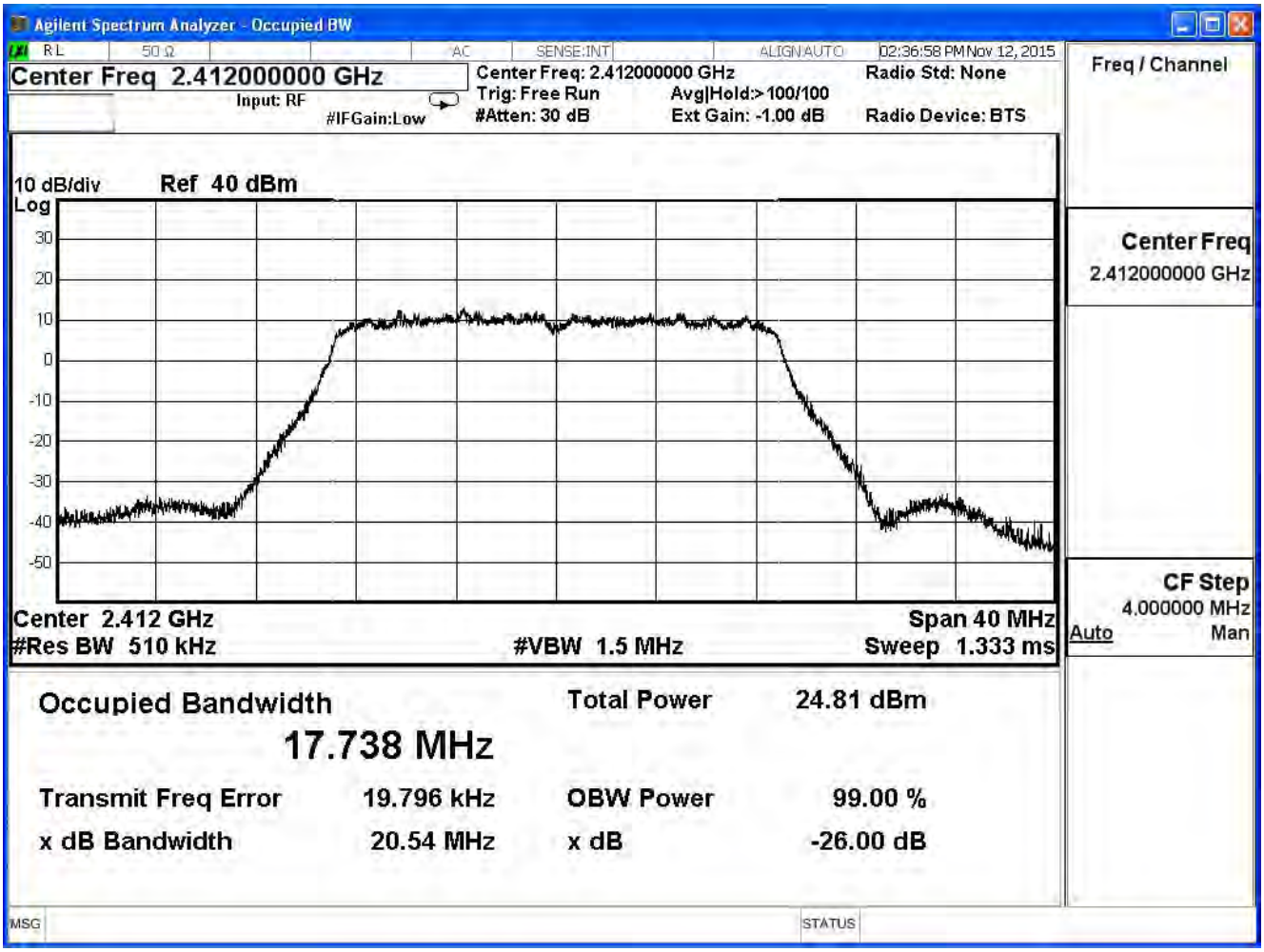
Channel 11


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:46:03 PM Nov 12, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.689 MHz
Total Power
25.37 dBm
Transmit Freq Error
22.202 kHz
OBW Power
99.00 %
x dB Bandwidth
20.63 MHz
x dB
-26.00 dB
MSG
STATUS

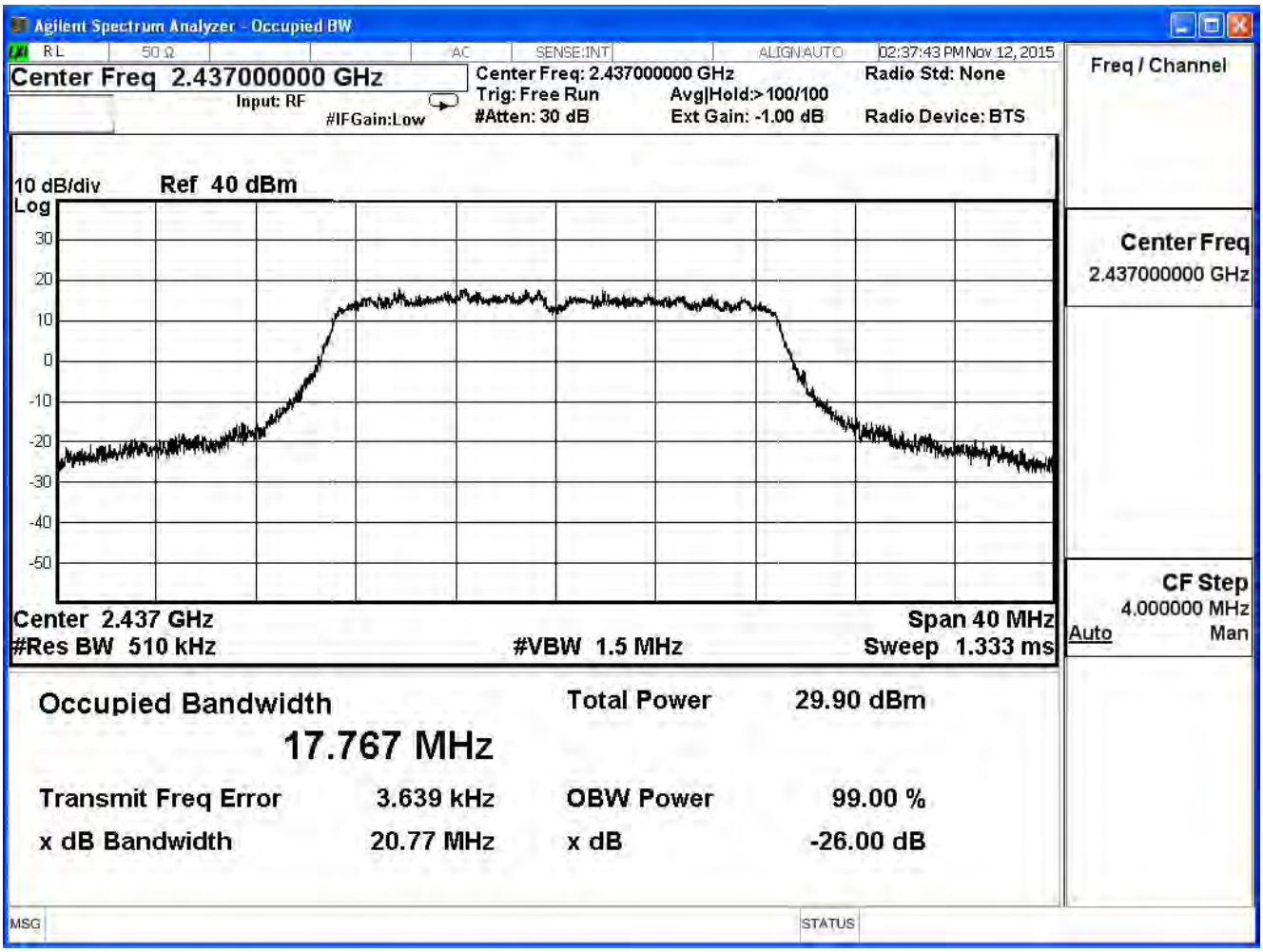
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/12	Test Site	SR7

IEEE 802.11n_20M (ANT 2)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	17.738	--	Pass
6	2437	17.767	--	Pass
11	2462	17.767	--	Pass

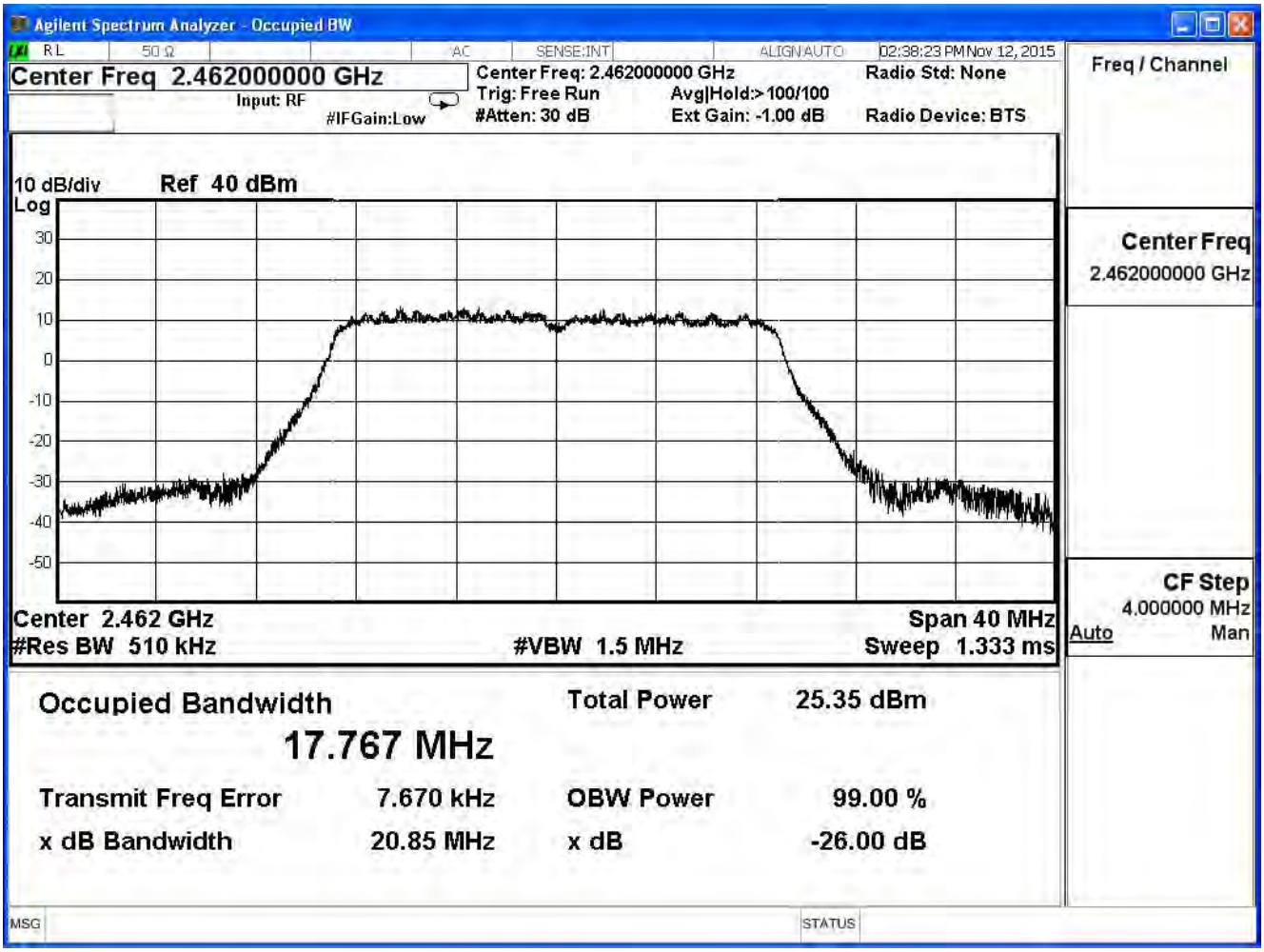
Channel 1



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:37:43 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.767 MHz
Total Power
29.90 dBm
Transmit Freq Error
3.639 kHz
OBW Power
99.00 %
x dB Bandwidth
20.77 MHz
x dB
-26.00 dB
MSG
STATUS

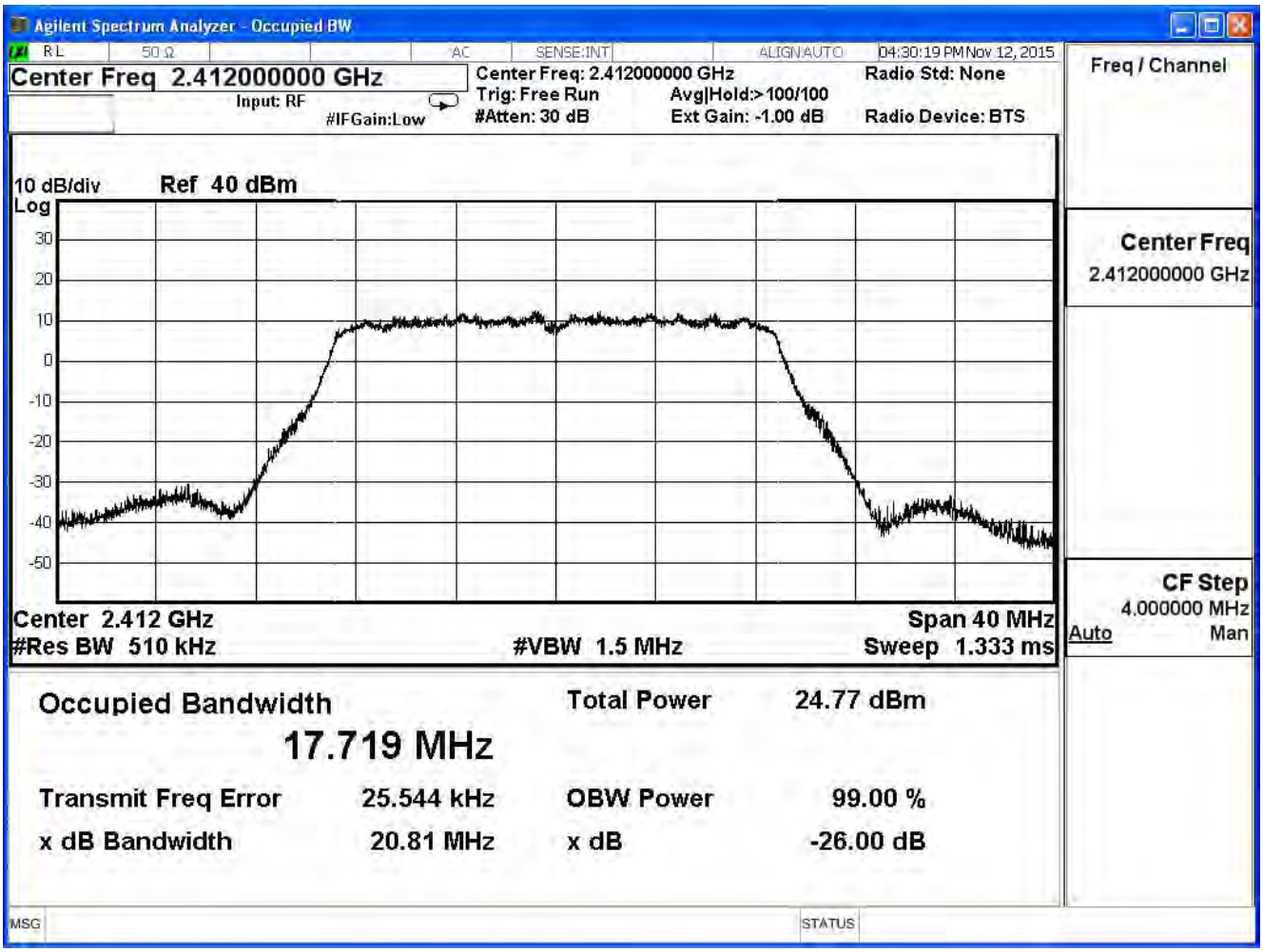
Channel 11


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:38:23 PM Nov 12, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.767 MHz
Total Power
25.35 dBm
Transmit Freq Error
7.670 kHz
OBW Power
99.00 %
x dB Bandwidth
20.85 MHz
x dB
-26.00 dB
MSG
STATUS

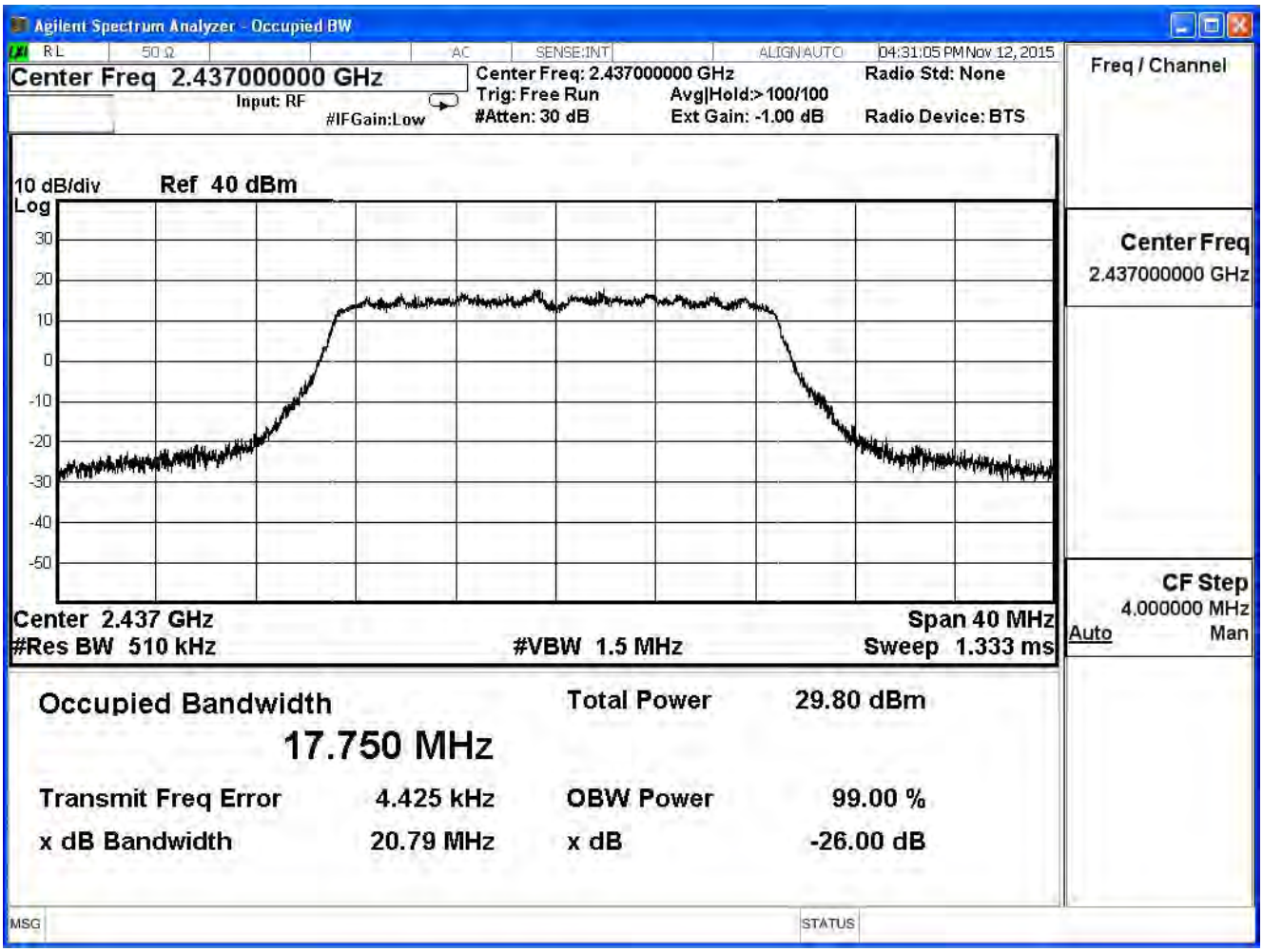
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/12	Test Site	SR7

IEEE 802.11n_20M (ANT 3)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	17.719	--	Pass
6	2437	17.750	--	Pass
11	2462	17.712	--	Pass

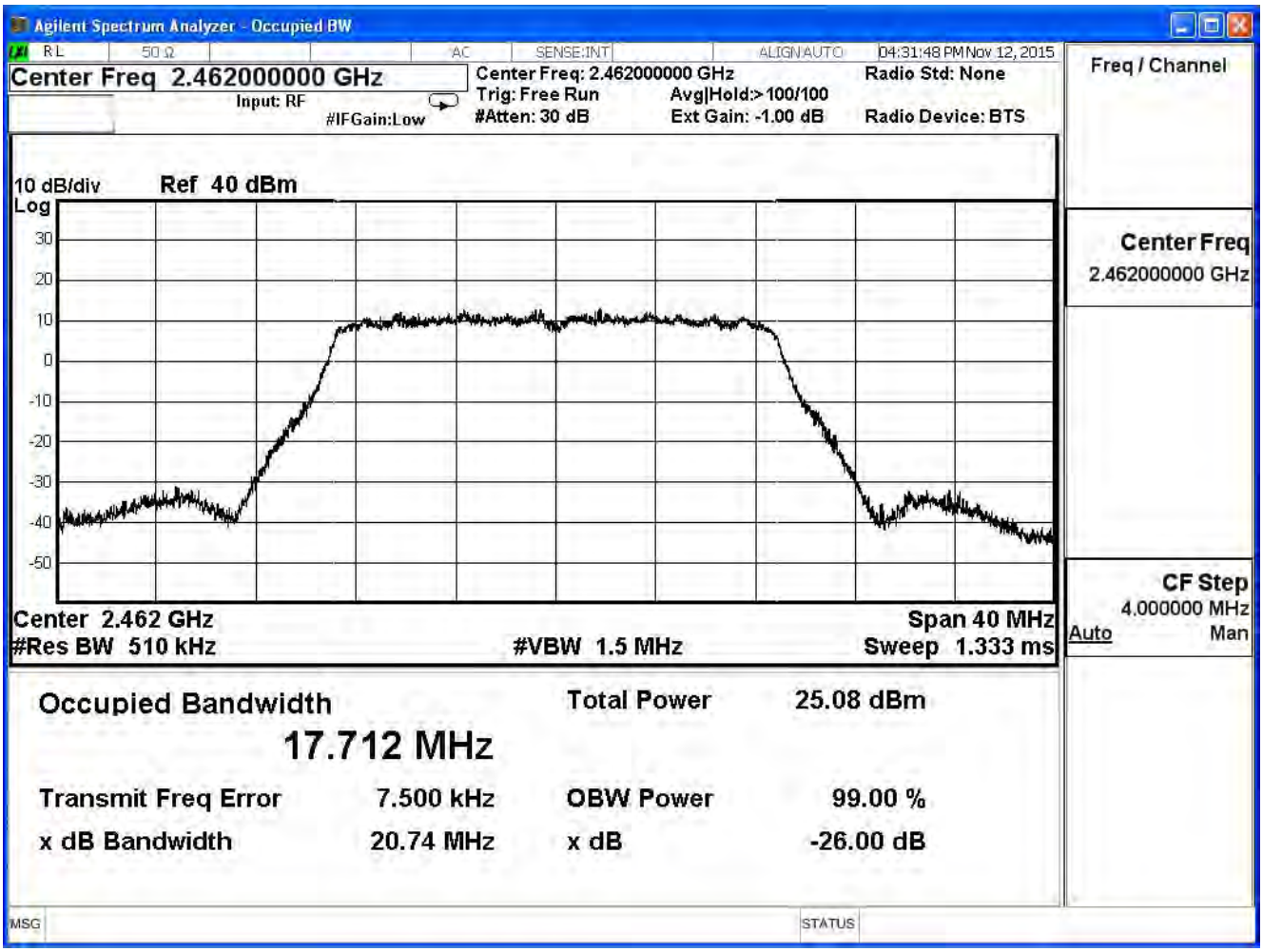
Channel 1



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:31:05 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.750 MHz
Total Power
29.80 dBm
Transmit Freq Error
4.425 kHz
OBW Power
99.00 %
x dB Bandwidth
20.79 MHz
x dB
-26.00 dB
MSG
STATUS

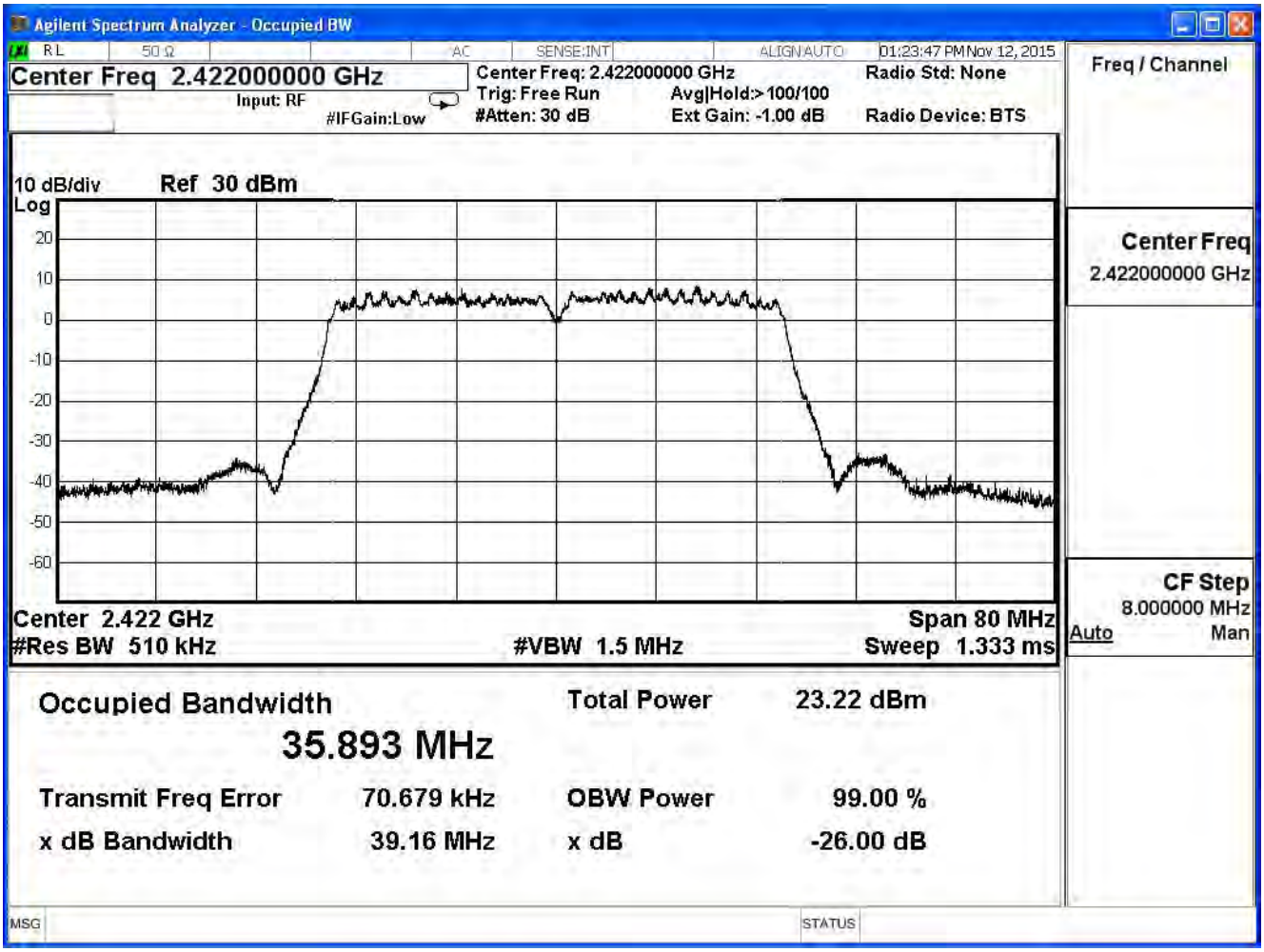
Channel 11


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:31:48 PM Nov 12, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.712 MHz
Total Power
25.08 dBm
Transmit Freq Error
7.500 kHz
OBW Power
99.00 %
x dB Bandwidth
20.74 MHz
x dB
-26.00 dB
MSG
STATUS

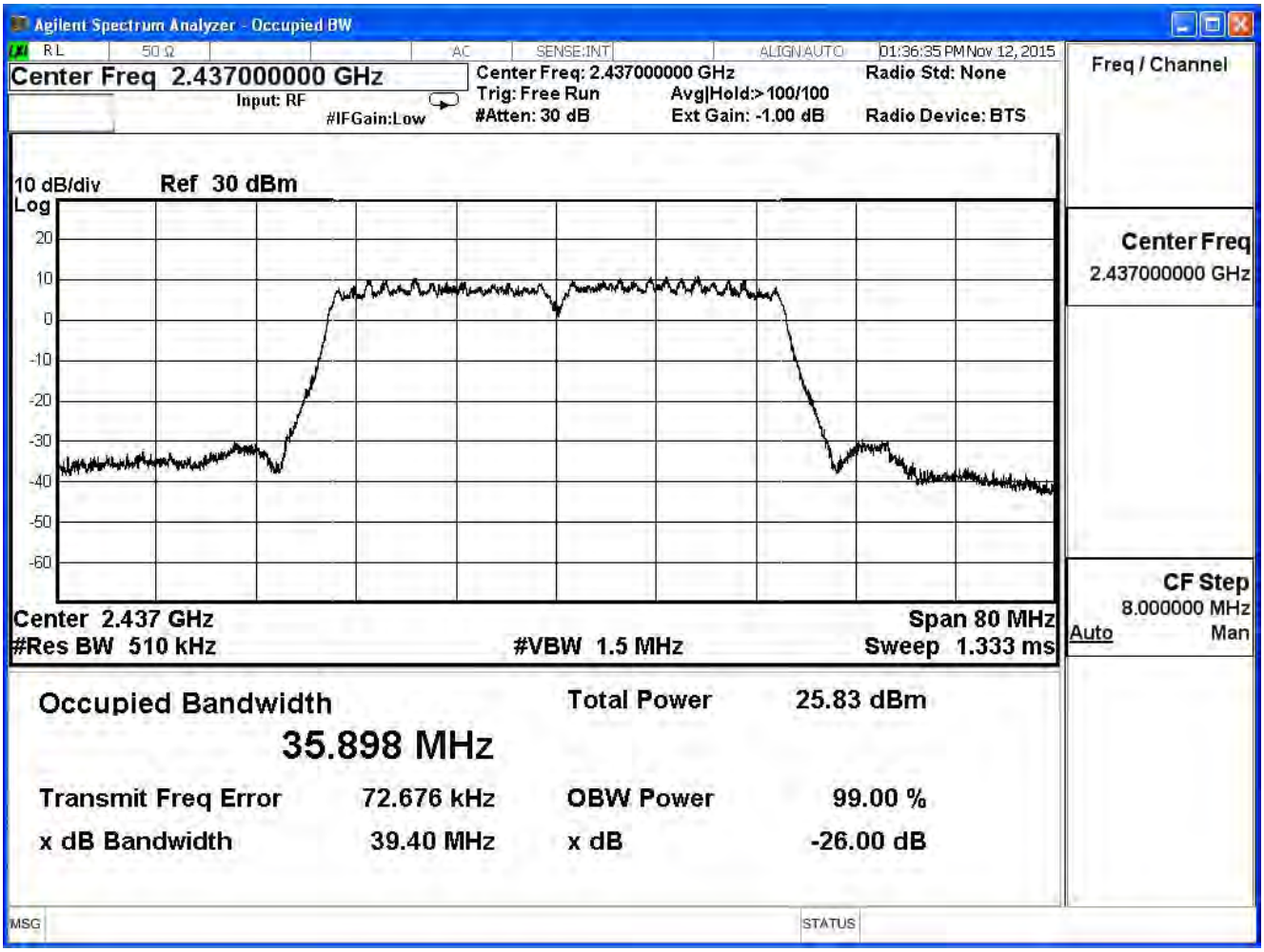
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/12	Test Site	SR7

IEEE 802.11n (40MHz) (ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
3	2422	35.893	--	Pass
6	2437	35.898	--	Pass
9	2452	35.874	--	Pass

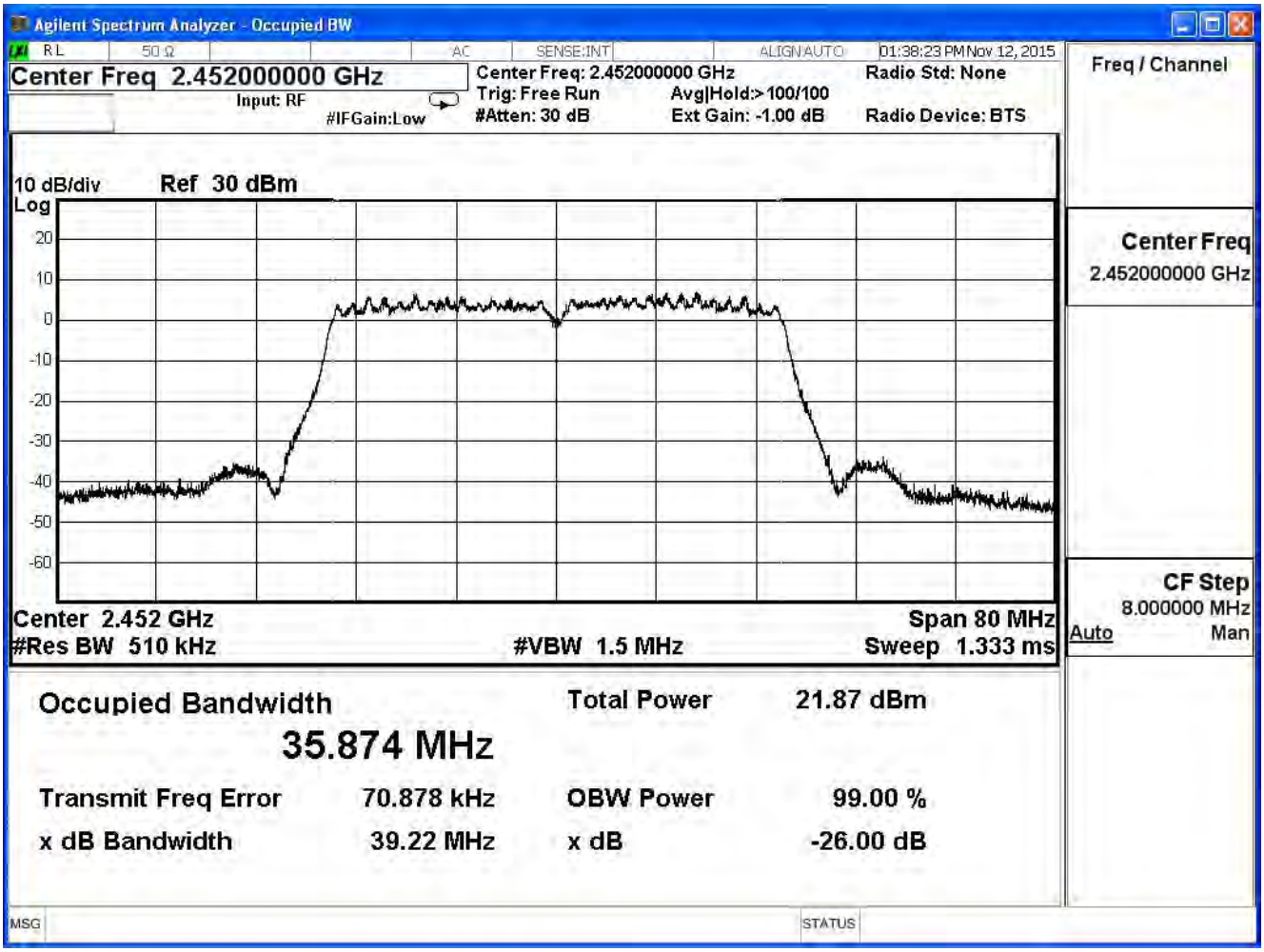
Channel 3



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:36:35 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
CF Step
8.000000 MHz
Auto
Man
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Occupied Bandwidth
35.898 MHz
Total Power
25.83 dBm
Transmit Freq Error
72.676 kHz
OBW Power
99.00 %
x dB Bandwidth
39.40 MHz
x dB
-26.00 dB
MSG
STATUS

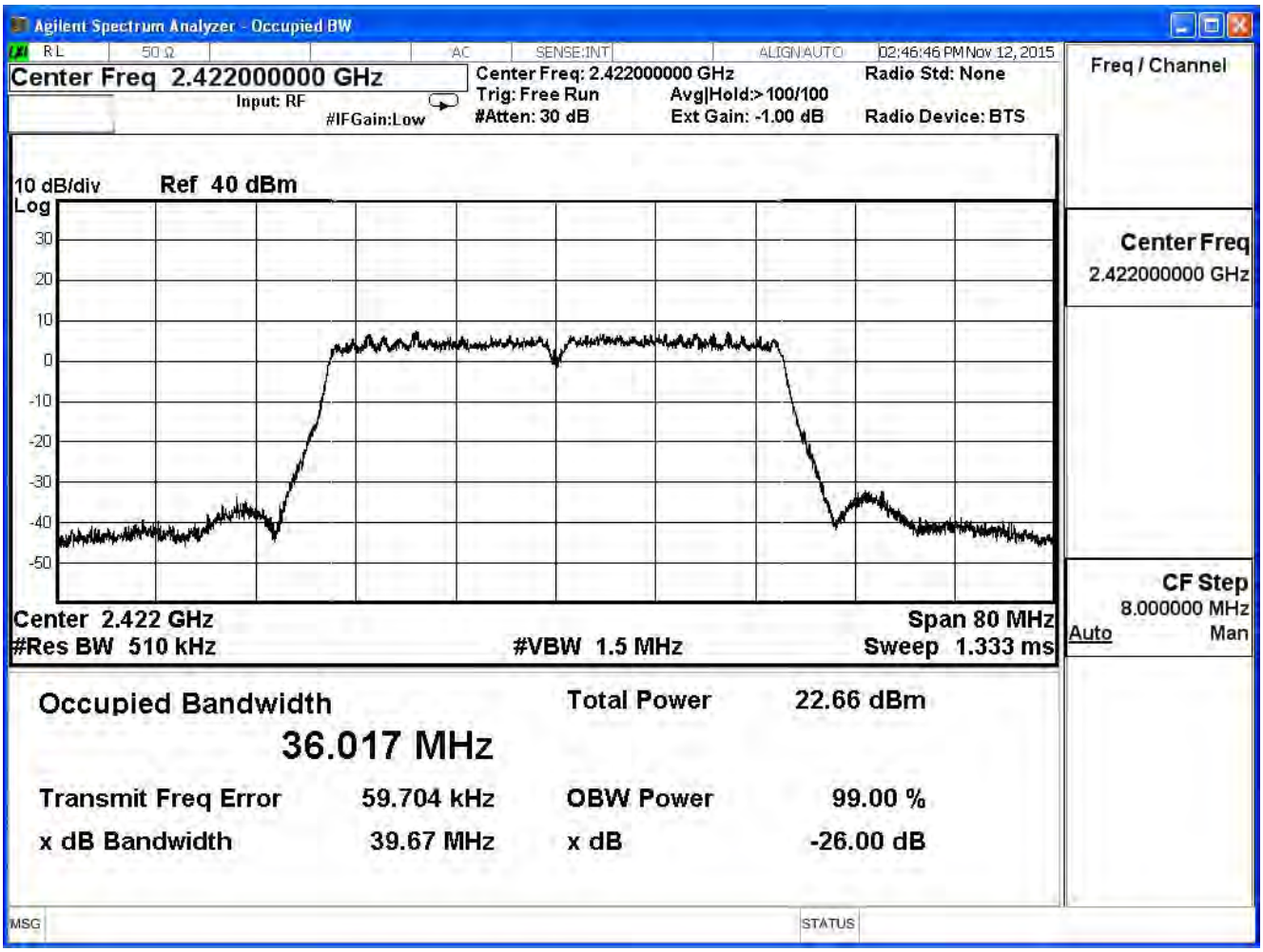
Channel 9


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:38:23 PM Nov 12, 2015
Center Freq 2.452000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Ref 30 dBm
Log
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.452000000 GHz
Center 2.452 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Occupied Bandwidth
35.874 MHz
Total Power
21.87 dBm
Transmit Freq Error
70.878 kHz
OBW Power
99.00 %
x dB Bandwidth
39.22 MHz
x dB
-26.00 dB
MSG
STATUS

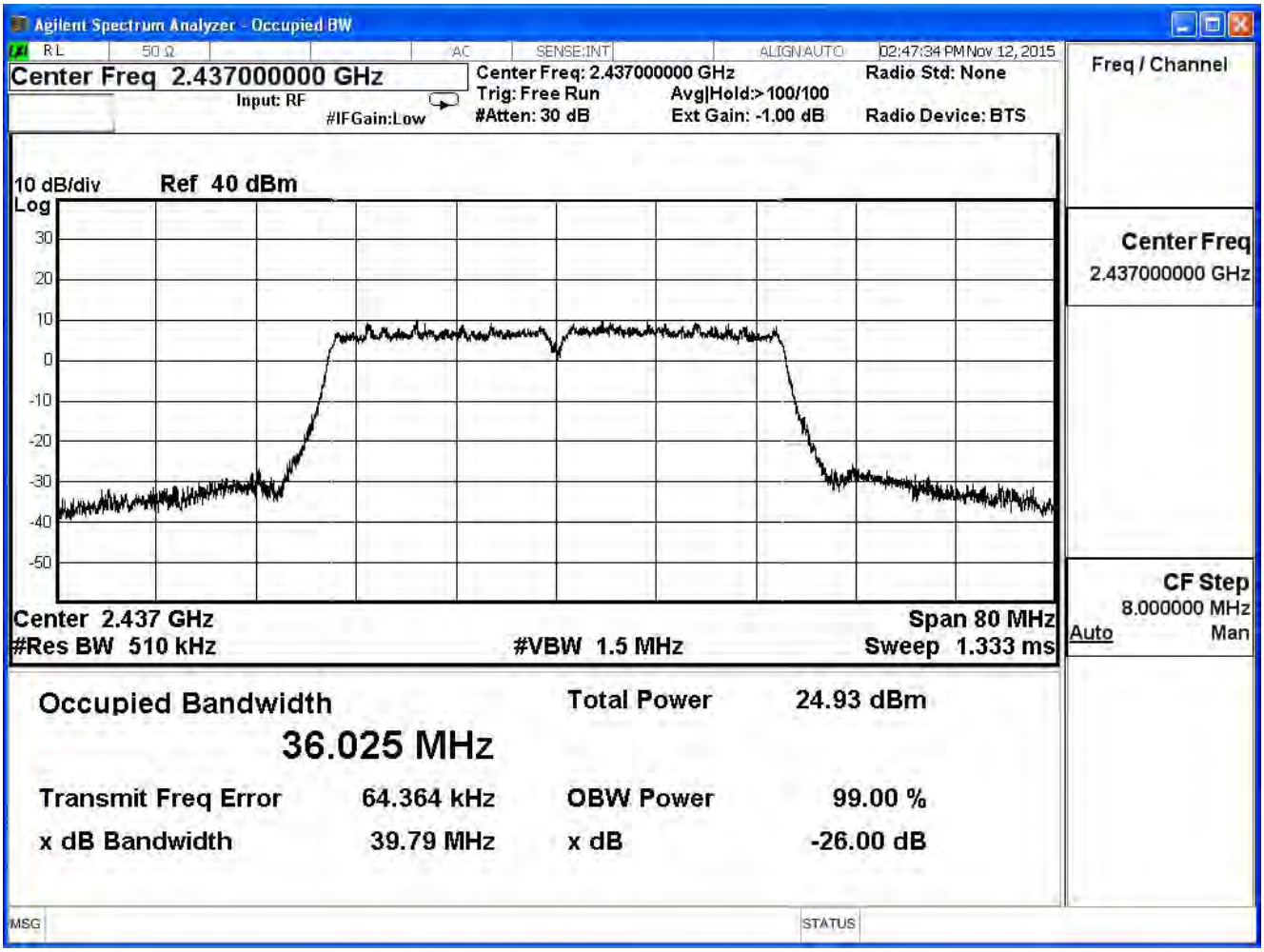
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/12	Test Site	SR7

IEEE 802.11n (40MHz) (ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
3	2422	36.017	--	Pass
6	2437	36.025	--	Pass
9	2452	36.009	--	Pass

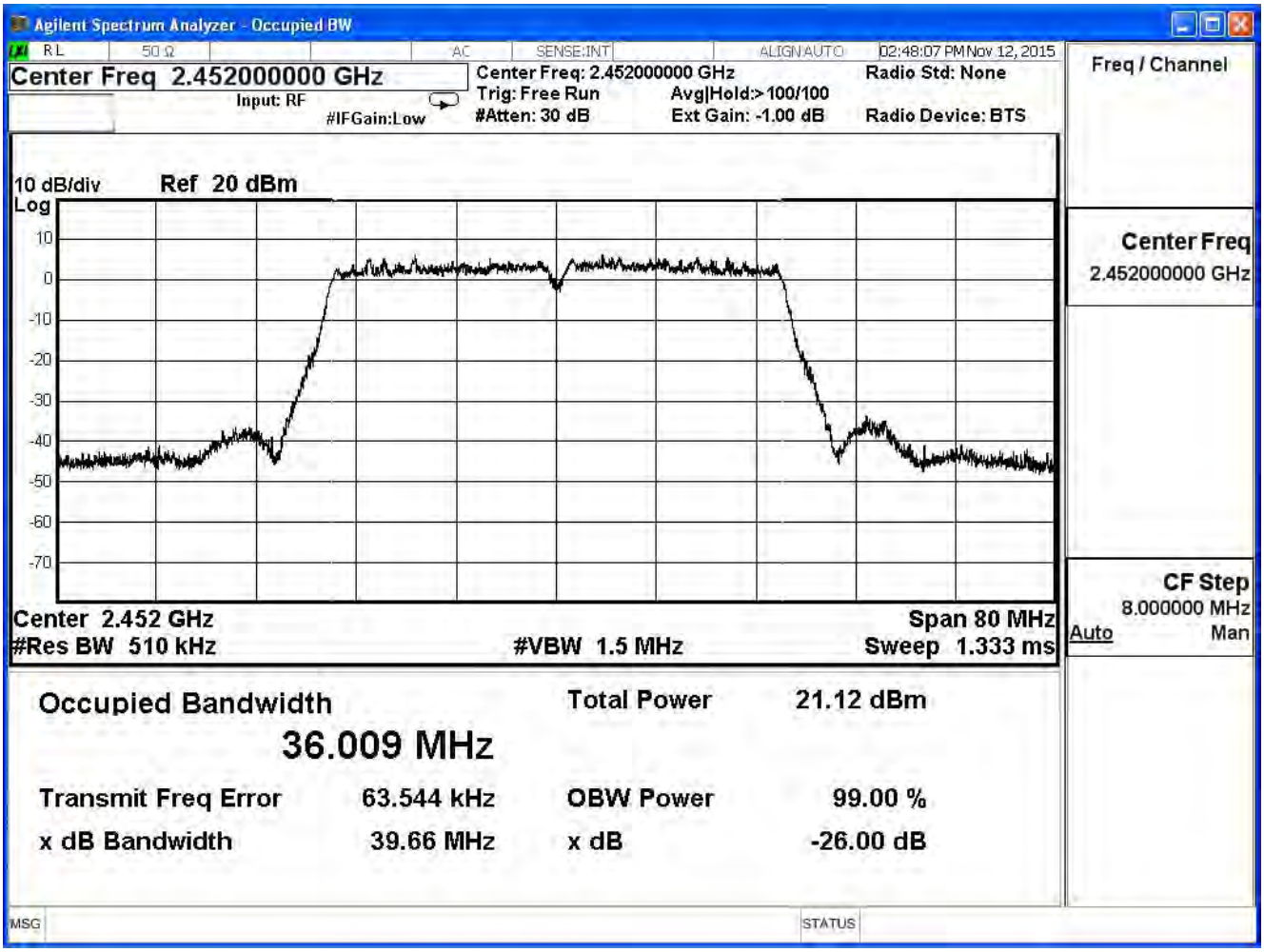
Channel 3



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:47:34 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Occupied Bandwidth
36.025 MHz
Total Power
24.93 dBm
Transmit Freq Error
64.364 kHz
OBW Power
99.00 %
x dB Bandwidth
39.79 MHz
x dB
-26.00 dB
MSG
STATUS

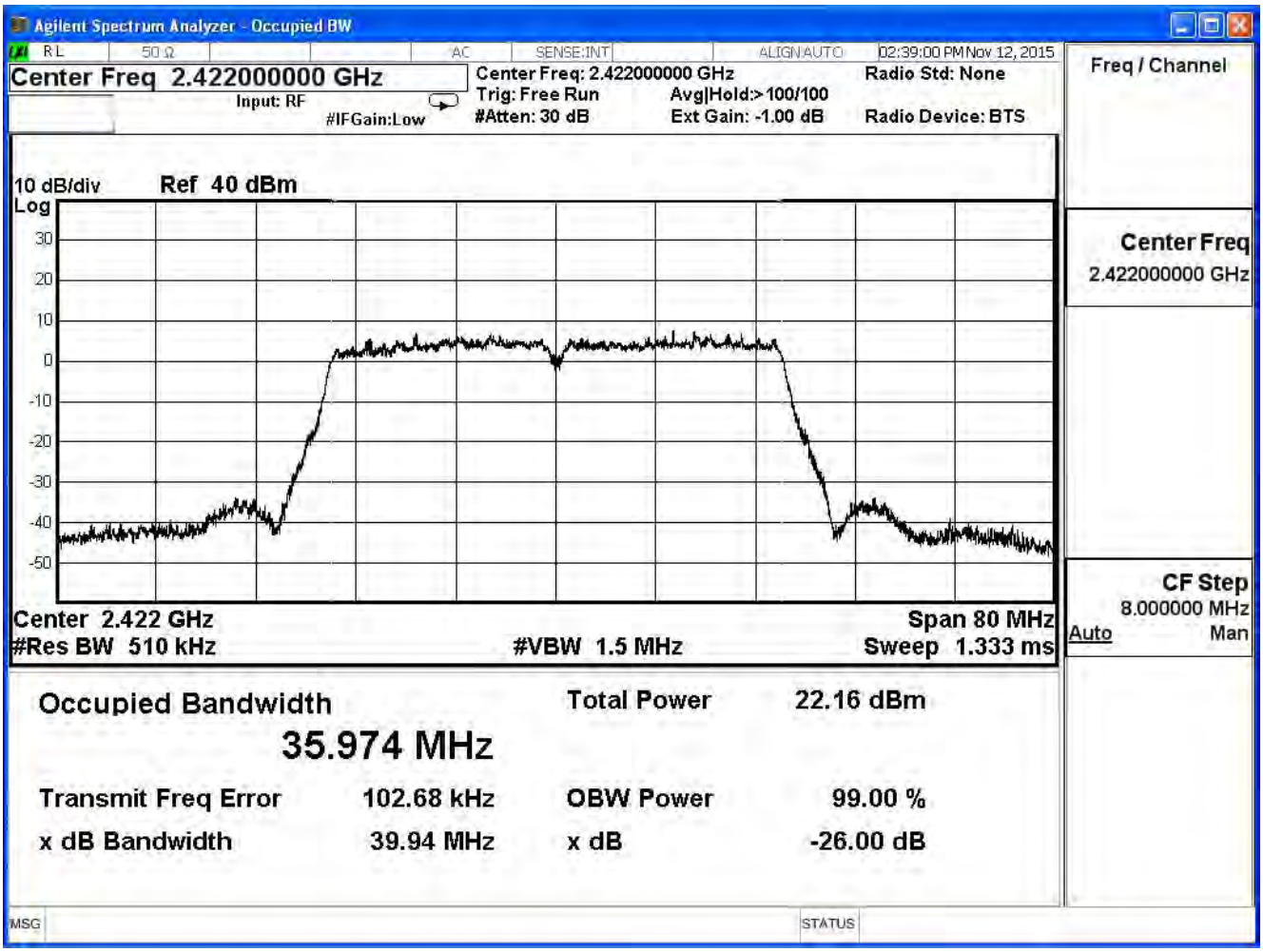
Channel 9


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:48:07 PM Nov 12, 2015
Center Freq 2.452000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Ref 20 dBm
Log
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.452000000 GHz
Center 2.452 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Occupied Bandwidth
36.009 MHz
Total Power
21.12 dBm
Transmit Freq Error
63.544 kHz
OBW Power
99.00 %
x dB Bandwidth
39.66 MHz
x dB
-26.00 dB
MSG
STATUS

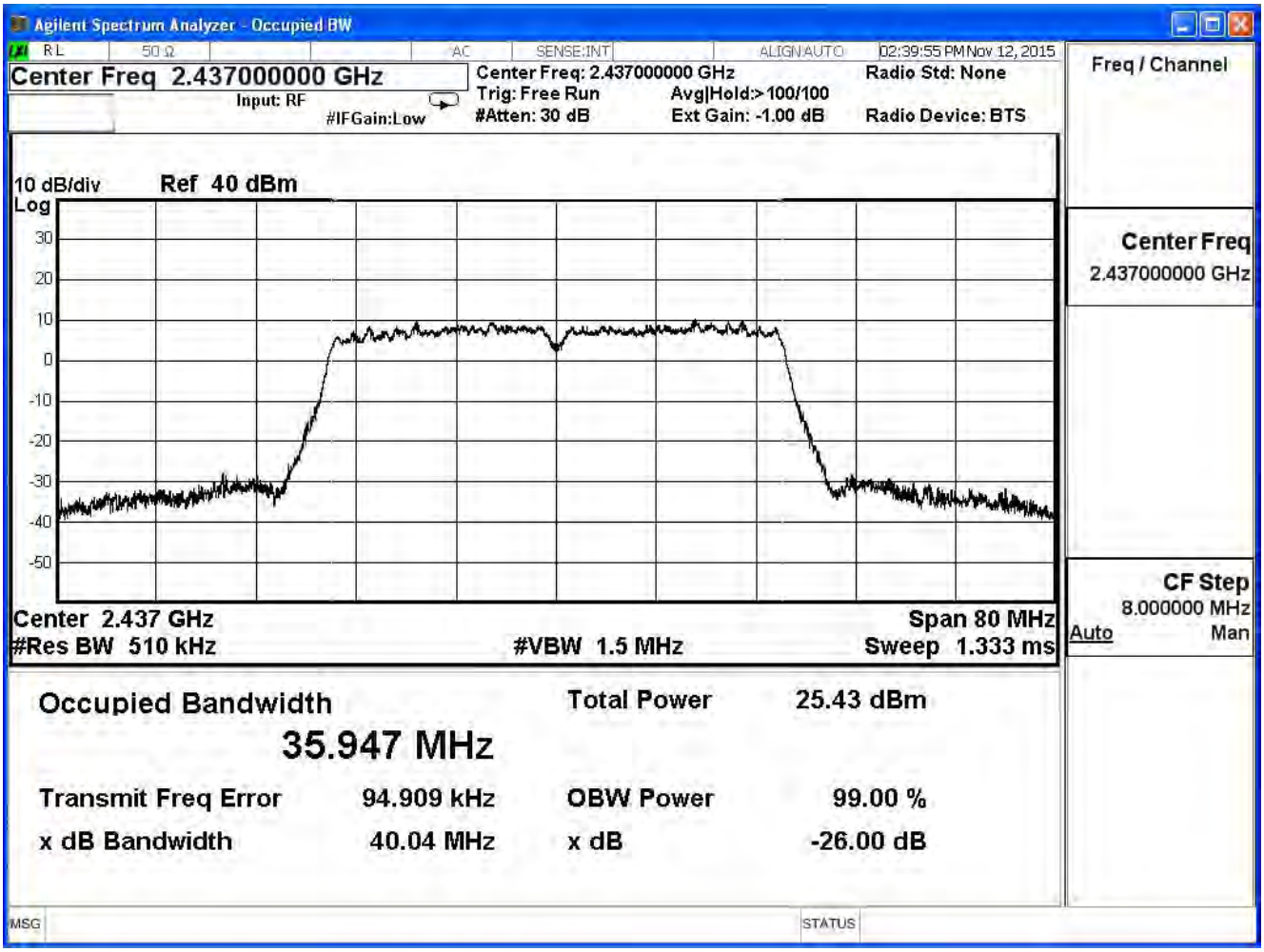
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/12	Test Site	SR7

IEEE 802.11n (40MHz) (ANT 2)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
3	2422	35.974	--	Pass
6	2437	35.947	--	Pass
9	2452	35.971	--	Pass

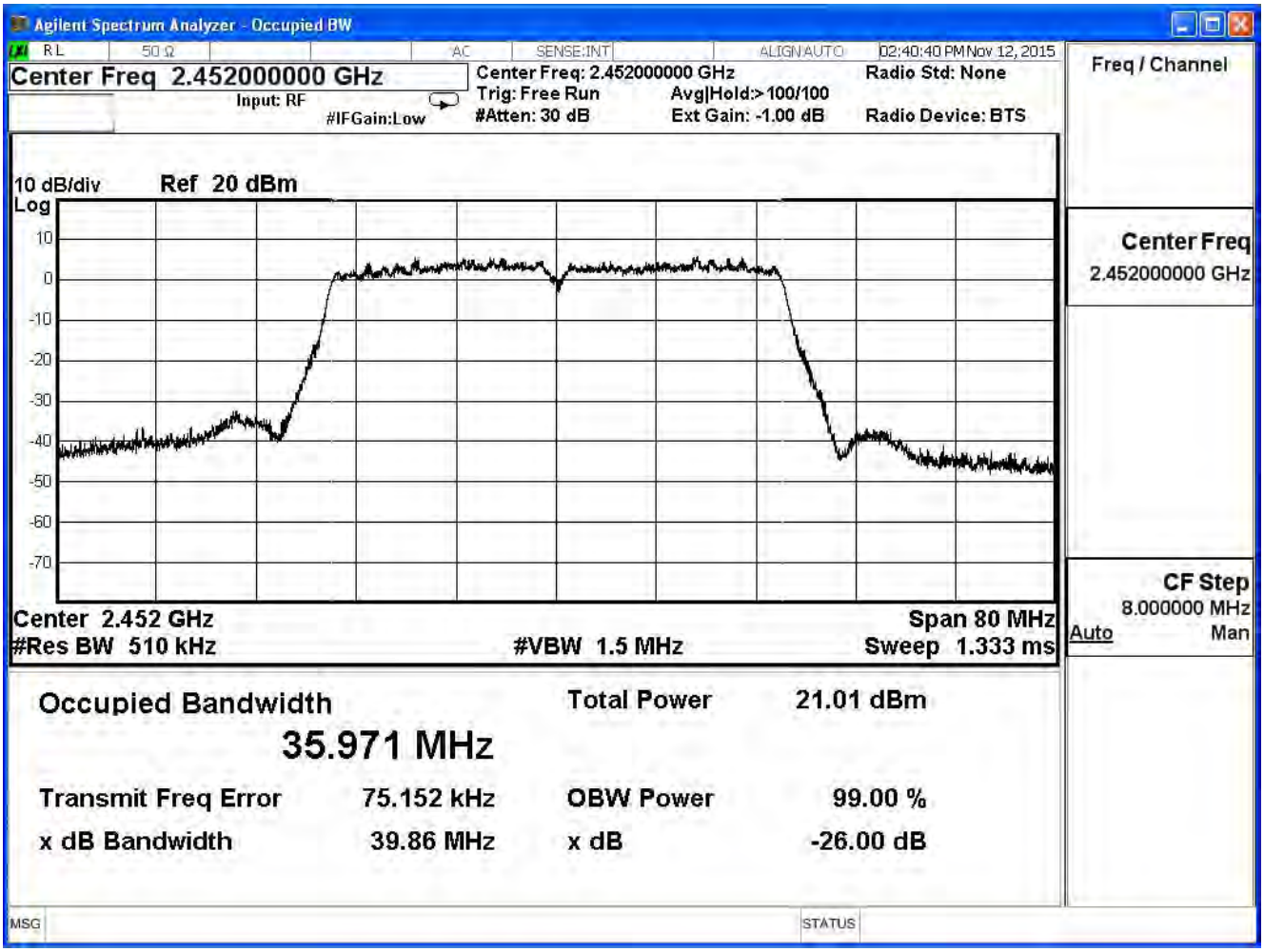
Channel 3



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:39:55 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Occupied Bandwidth
35.947 MHz
Total Power
25.43 dBm
Transmit Freq Error
94.909 kHz
OBW Power
99.00 %
x dB Bandwidth
40.04 MHz
x dB
-26.00 dB
MSG
STATUS

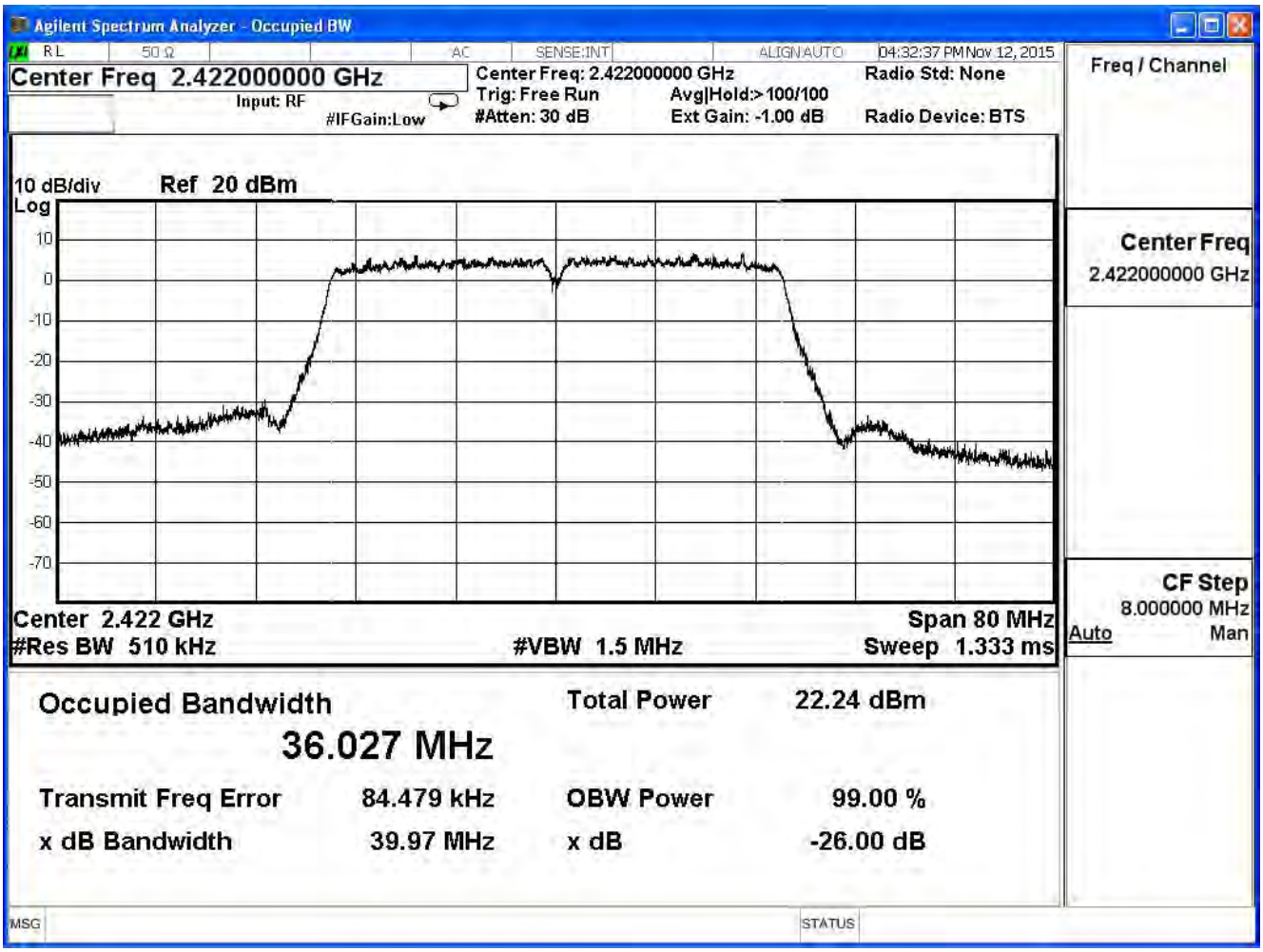
Channel 9


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:40:40 PM Nov 12, 2015
Center Freq 2.452000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Ref 20 dBm
Log
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.452000000 GHz
Center 2.452 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Occupied Bandwidth
35.971 MHz
Total Power
21.01 dBm
Transmit Freq Error
75.152 kHz
OBW Power
99.00 %
x dB Bandwidth
39.86 MHz
x dB
-26.00 dB
MSG
STATUS

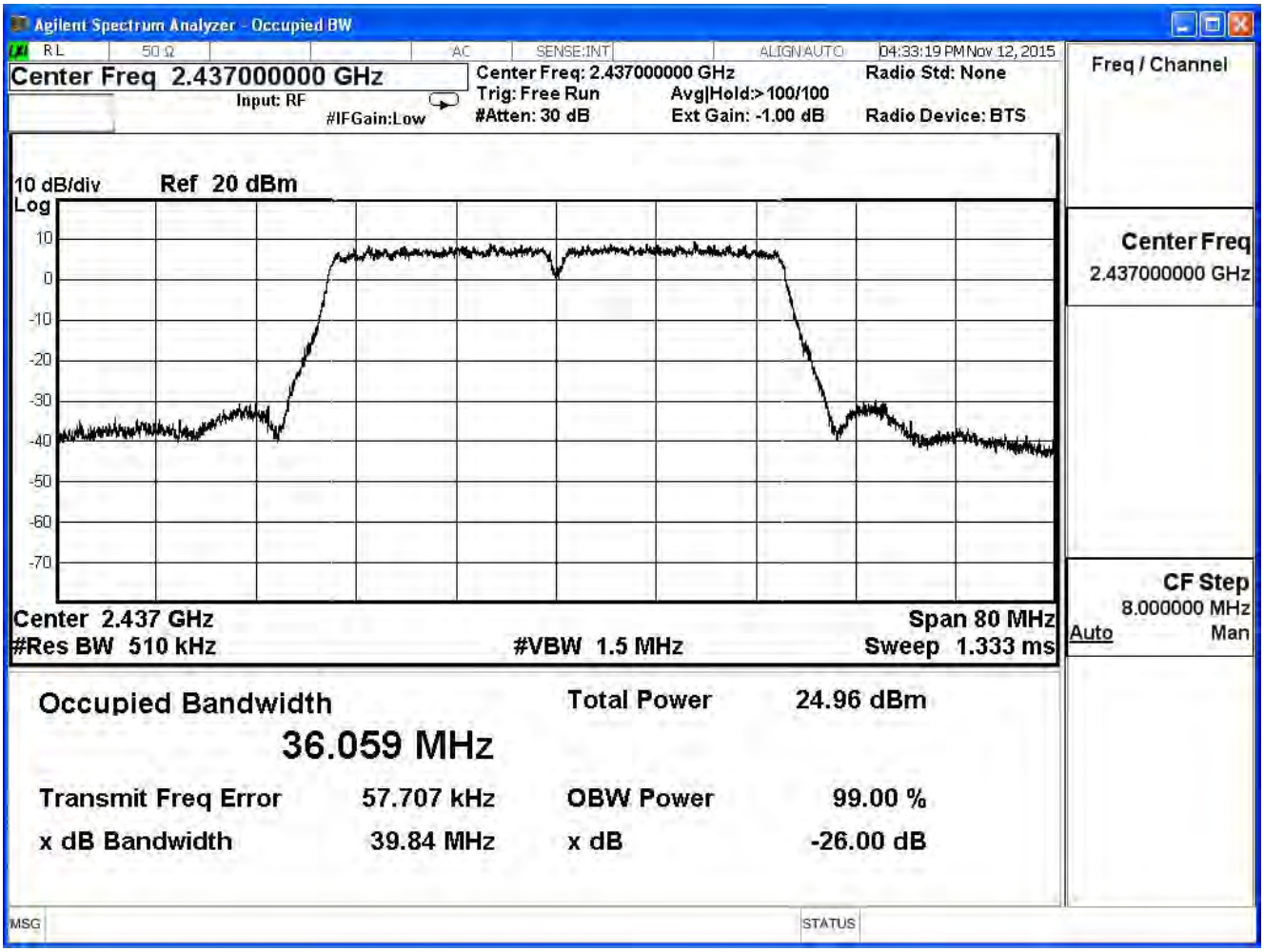
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/12	Test Site	SR7

IEEE 802.11n (40MHz) (ANT 3)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
3	2422	36.027	--	Pass
6	2437	36.059	--	Pass
9	2452	36.055	--	Pass

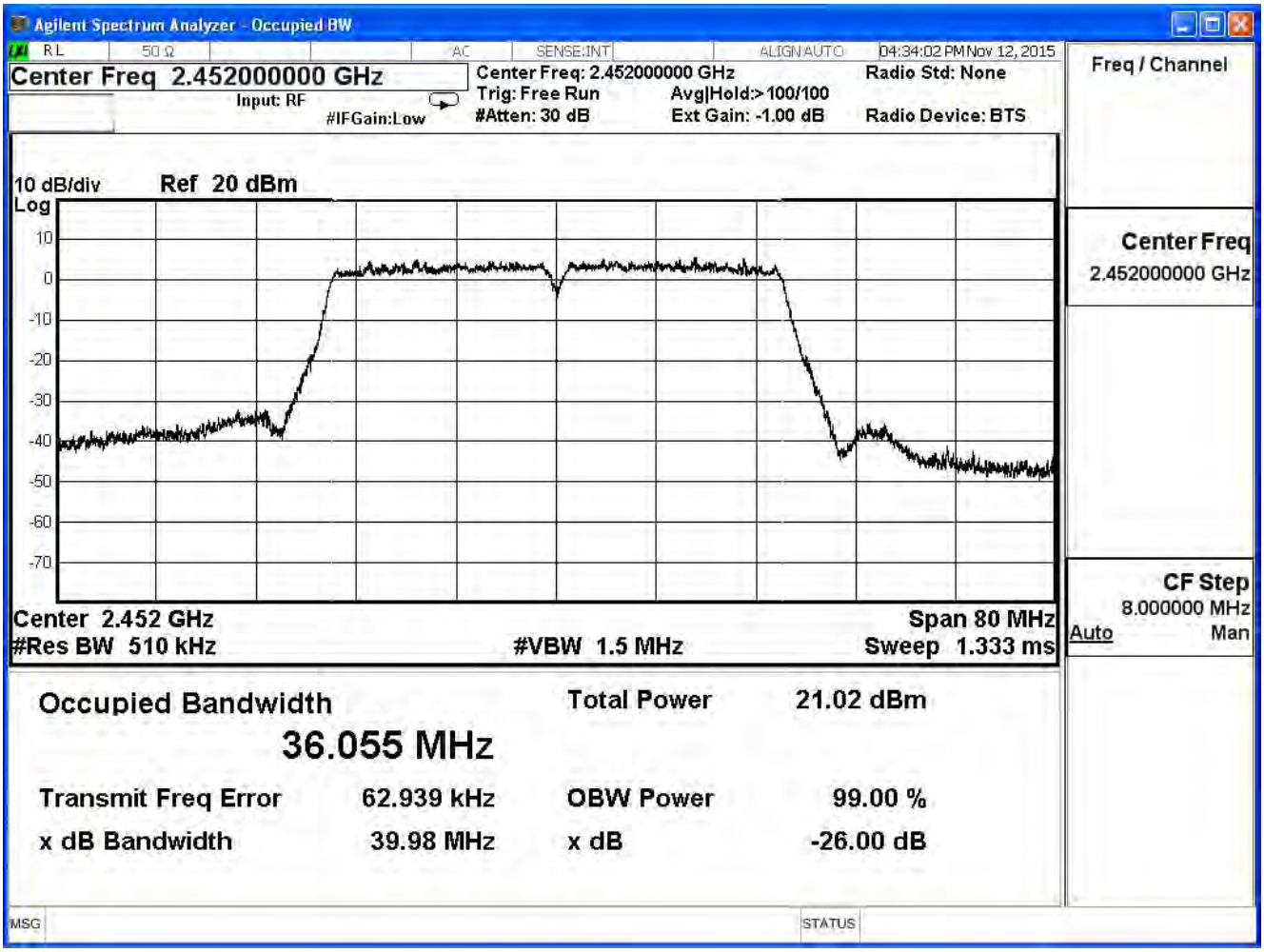
Channel 3



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:33:19 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Occupied Bandwidth
36.059 MHz
Total Power
24.96 dBm
Transmit Freq Error
57.707 kHz
OBW Power
99.00 %
x dB Bandwidth
39.84 MHz
x dB
-26.00 dB
MSG
STATUS

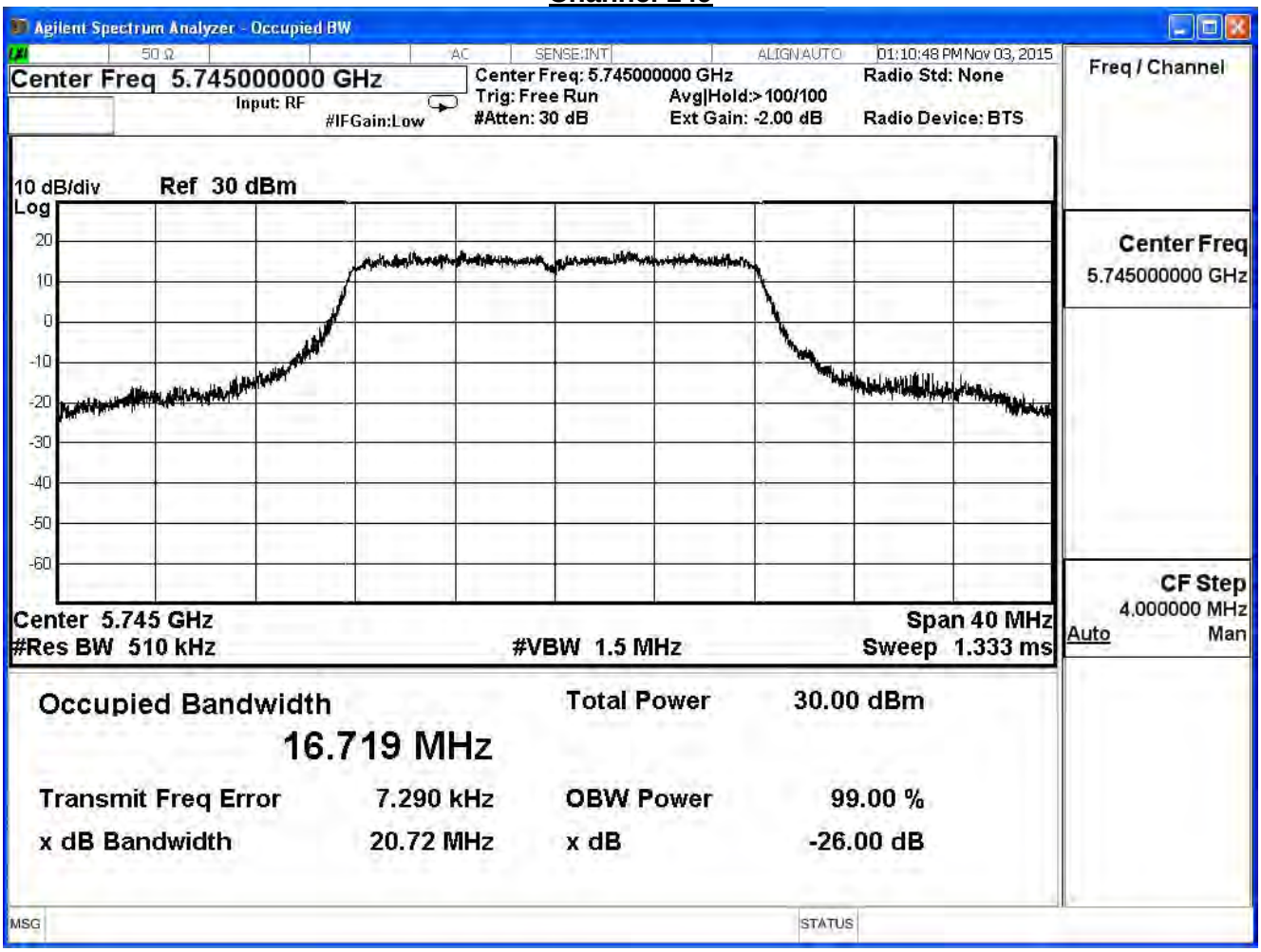
Channel 9


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:34:02 PM Nov 12, 2015
Center Freq 2.452000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Ref 20 dBm
Log
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.452000000 GHz
CF Step
8.000000 MHz
Auto
Man
Center 2.452 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Occupied Bandwidth
36.055 MHz
Total Power
21.02 dBm
Transmit Freq Error
62.939 kHz
OBW Power
99.00 %
x dB Bandwidth
39.98 MHz
x dB
-26.00 dB
MSG
STATUS

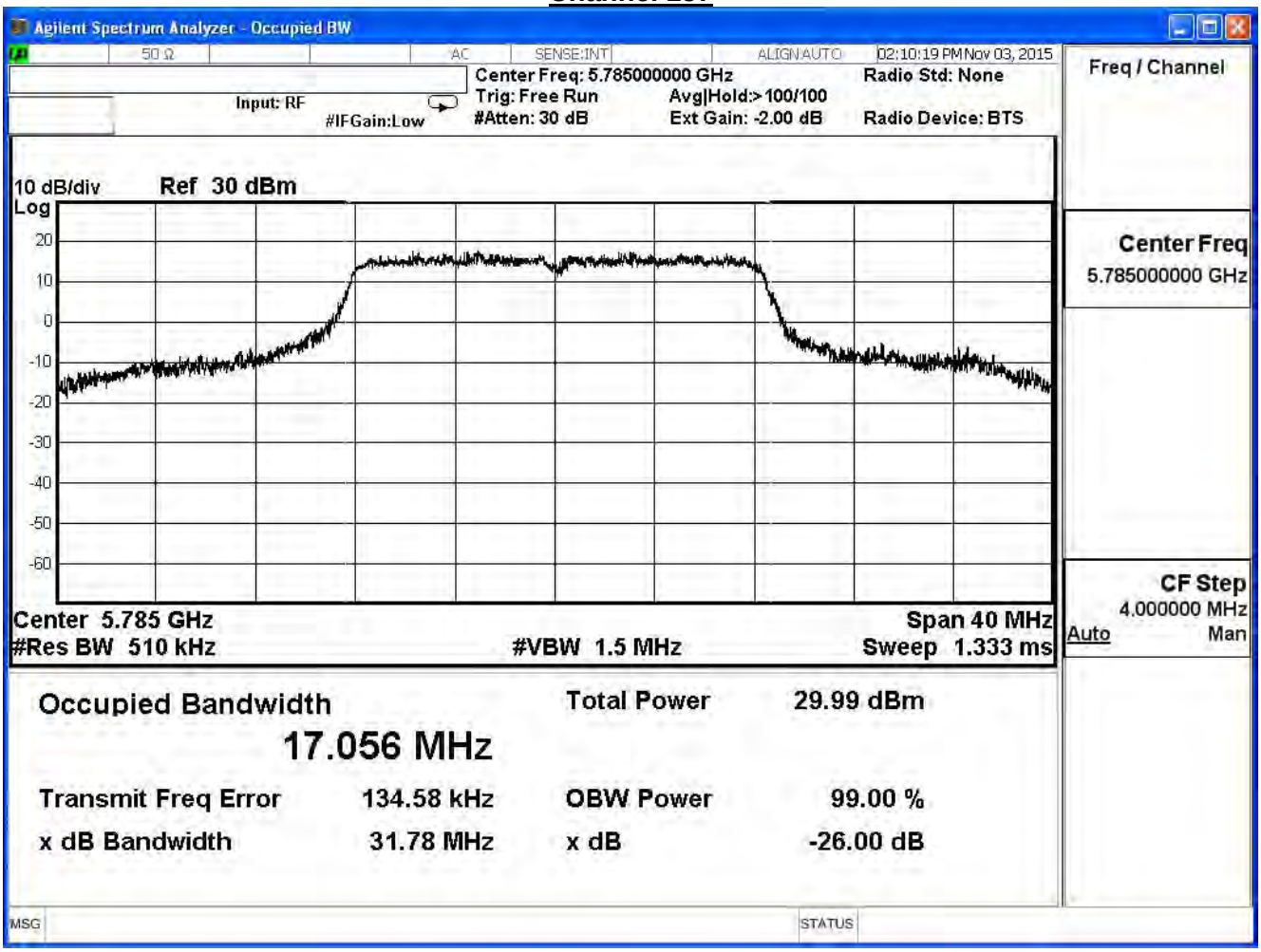
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

802.11 a (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	16.719	--	Pass
157	5785	17.056	--	Pass
165	5825	17.682	--	Pass

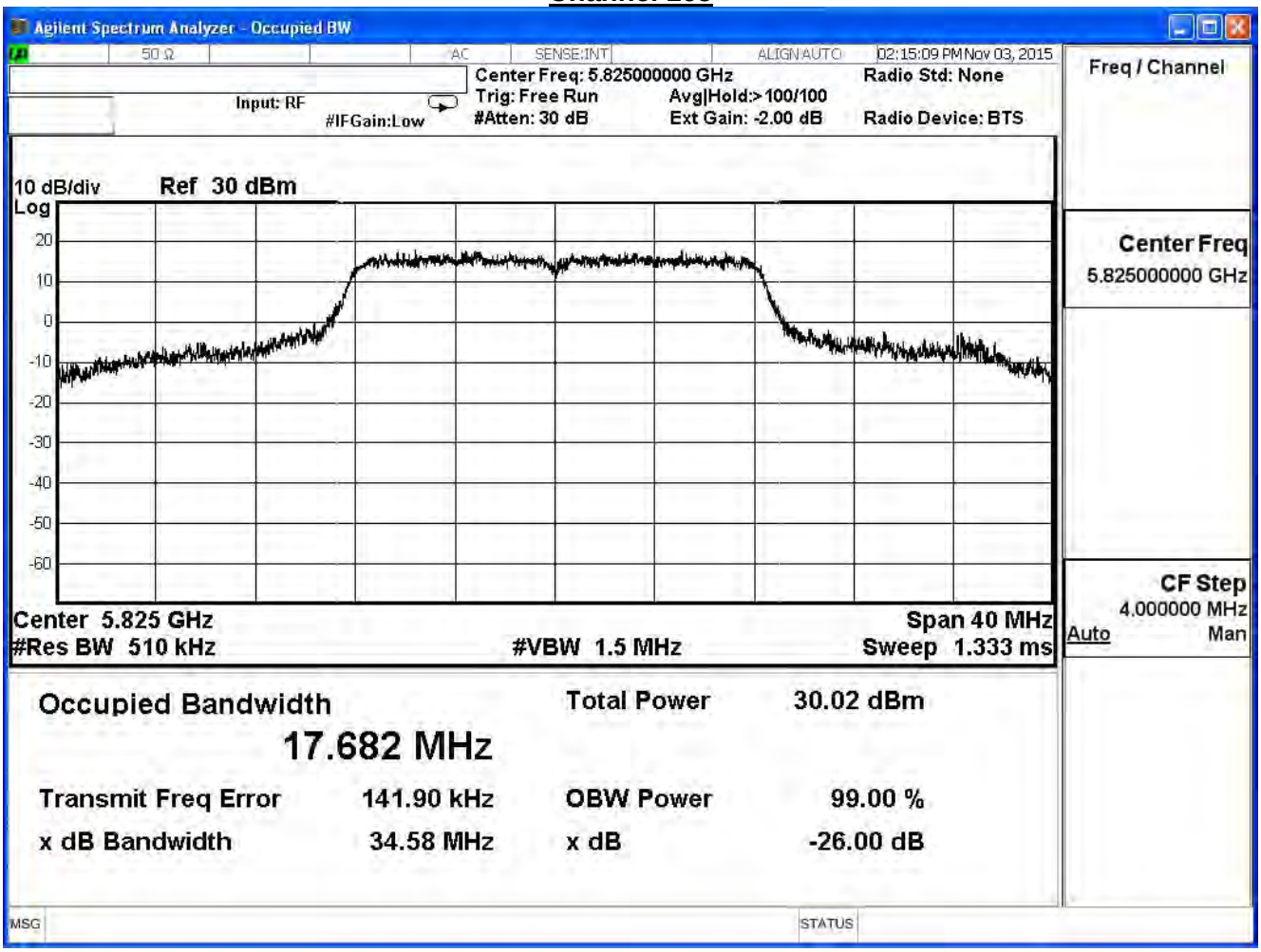
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:10:19 PM Nov 03, 2015
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Input: RF
#IFGain:Low
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Occupied Bandwidth
17.056 MHz
Total Power
29.99 dBm
Transmit Freq Error
134.58 kHz
OBW Power
99.00 %
x dB Bandwidth
31.78 MHz
x dB
-26.00 dB
MSG
STATUS

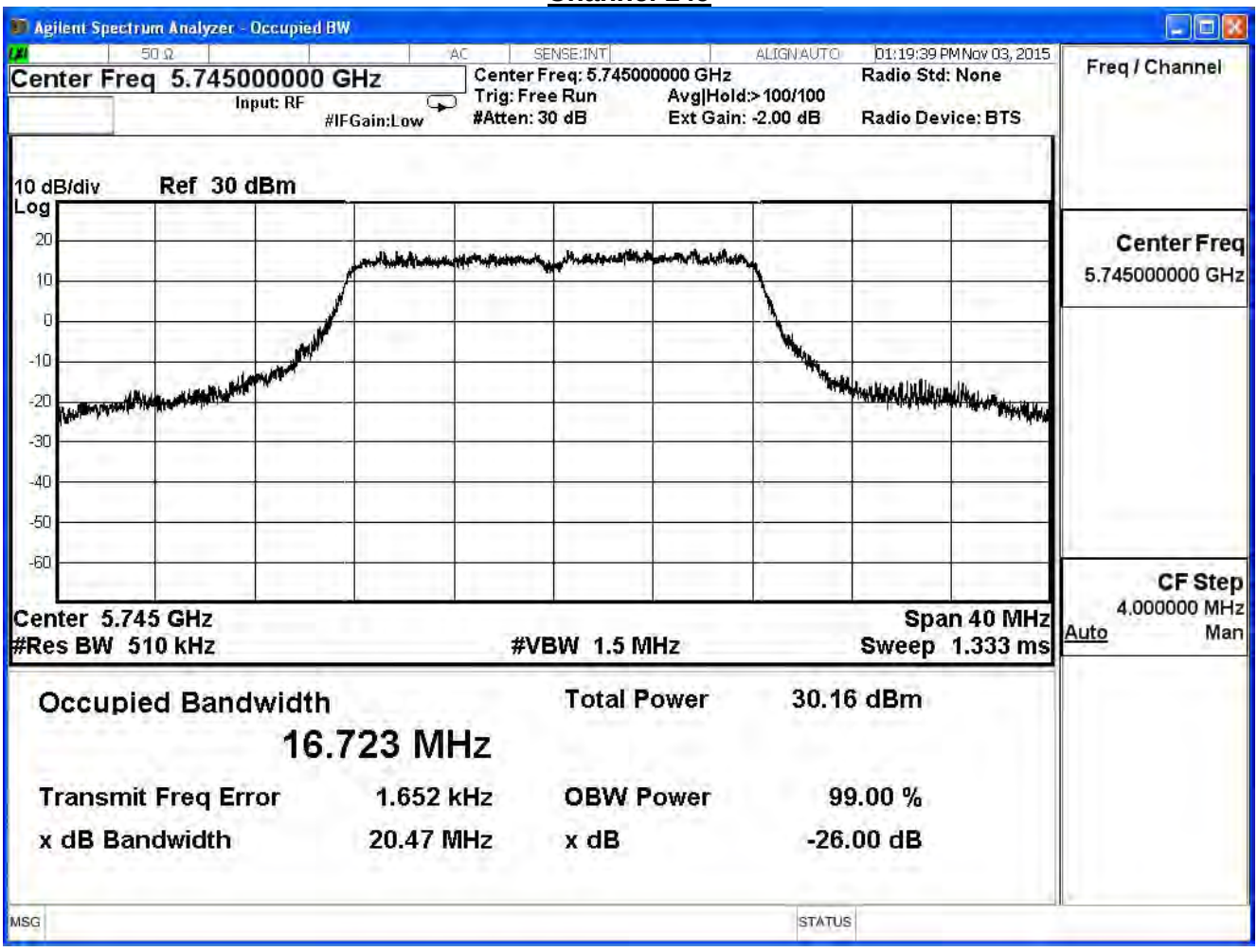
Channel 165


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:15:09 PM Nov 03, 2015
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Input: RF
#IFGain:Low
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Occupied Bandwidth
17.682 MHz
Total Power
30.02 dBm
Transmit Freq Error
141.90 kHz
OBW Power
99.00 %
x dB Bandwidth
34.58 MHz
x dB
-26.00 dB
MSG
STATUS

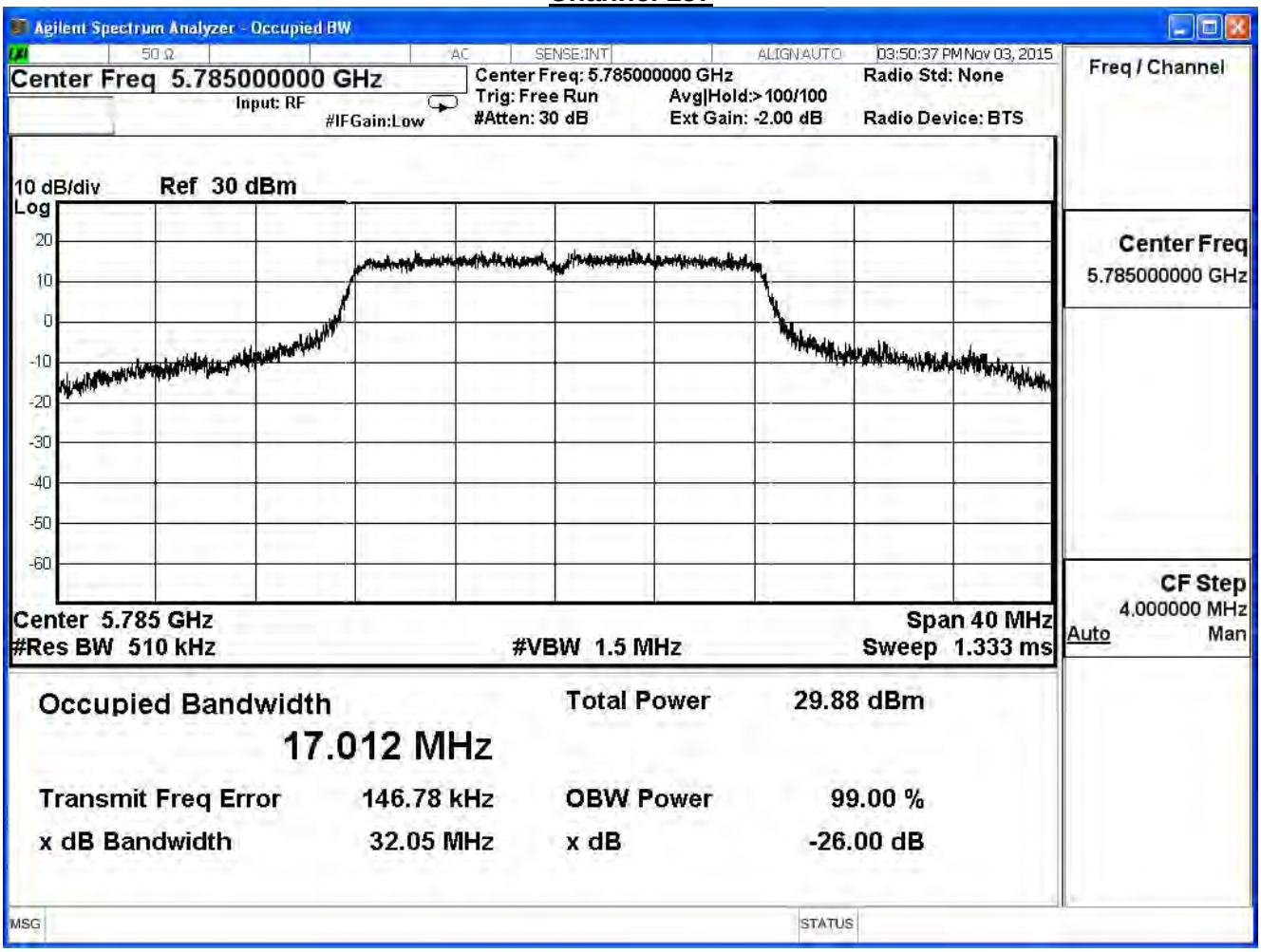
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

802.11 a (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	16.723	--	Pass
157	5785	17.012	--	Pass
165	5825	17.053	--	Pass

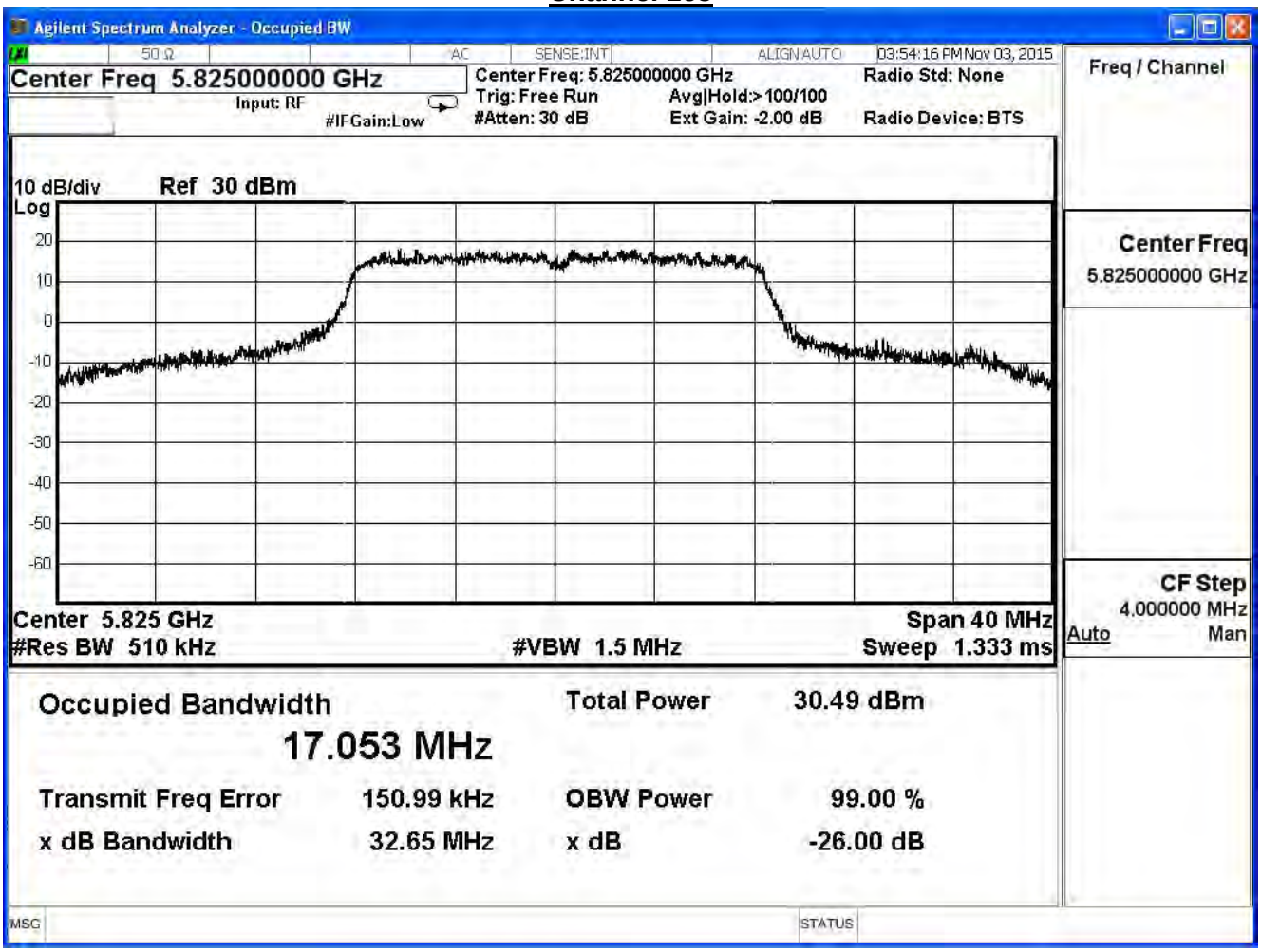
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:50:37 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Occupied Bandwidth
17.012 MHz
Total Power
29.88 dBm
Transmit Freq Error
146.78 kHz
OBW Power
99.00 %
x dB Bandwidth
32.05 MHz
x dB
-26.00 dB
MSG
STATUS

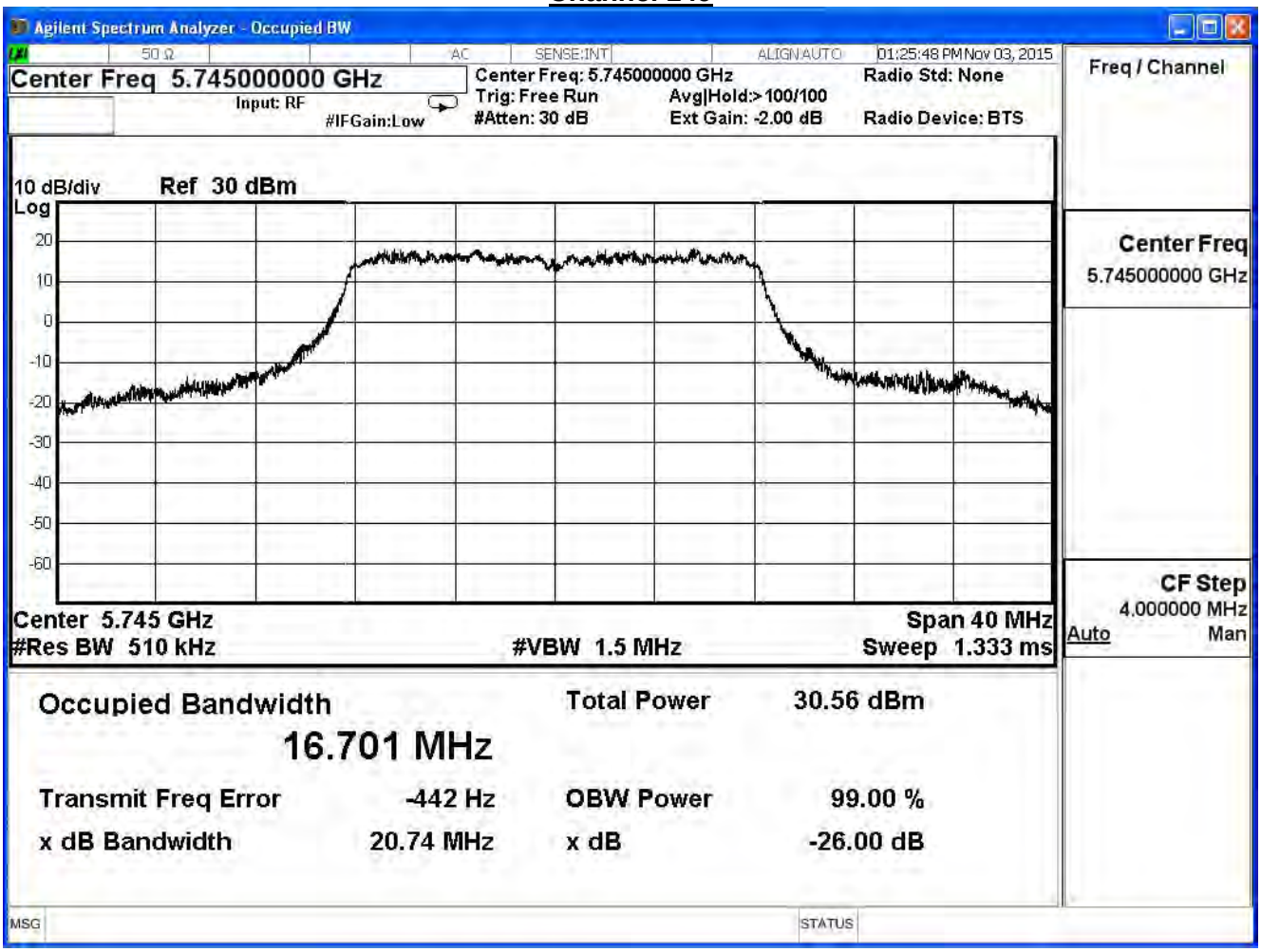
Channel 165


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:54:16 PM Nov 03, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.053 MHz
Total Power
30.49 dBm
Transmit Freq Error
150.99 kHz
OBW Power
99.00 %
x dB Bandwidth
32.65 MHz
x dB
-26.00 dB
MSG
STATUS

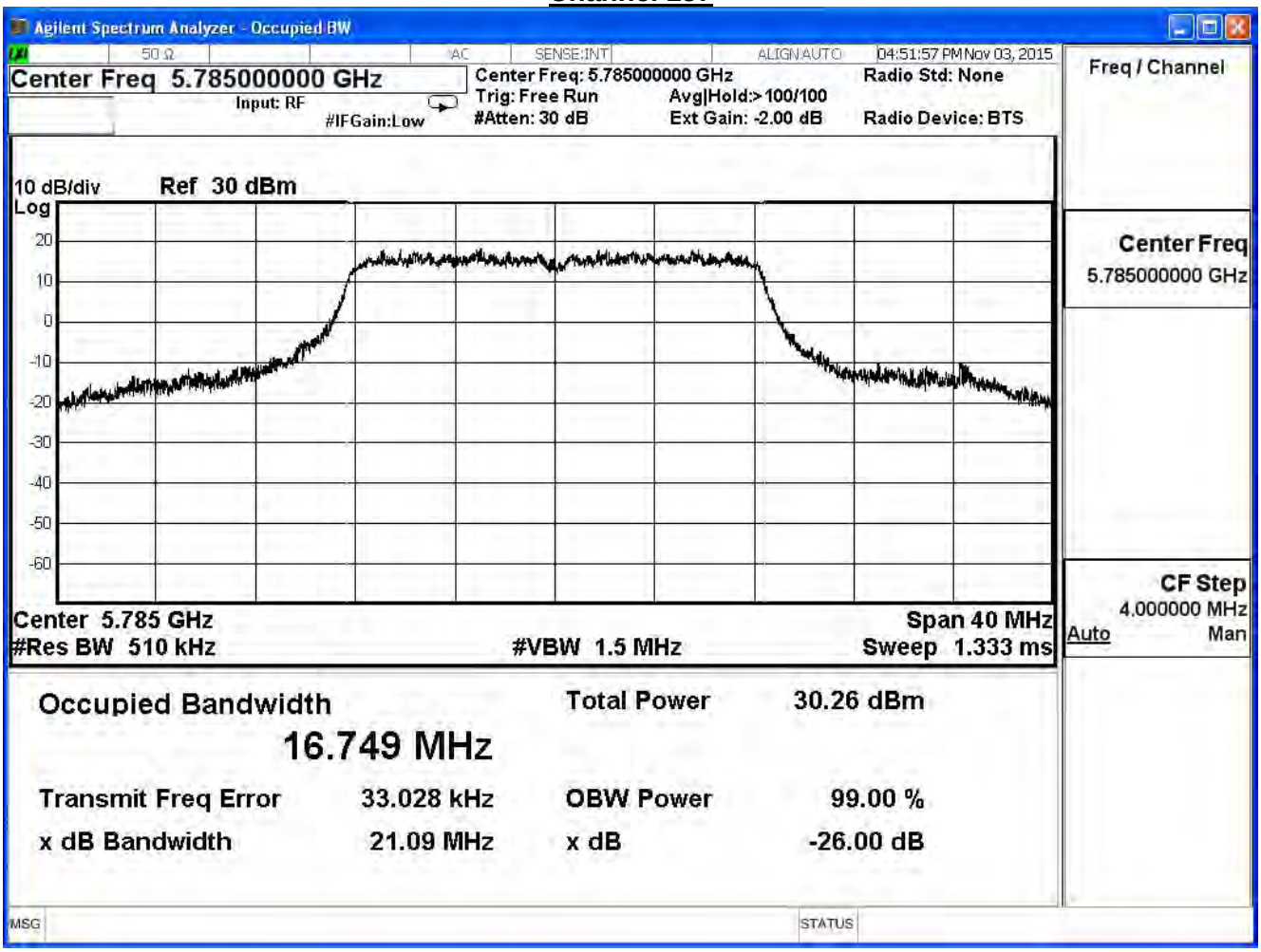
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

802.11 a (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	16.701	--	Pass
157	5785	16.749	--	Pass
165	5825	16.770	--	Pass

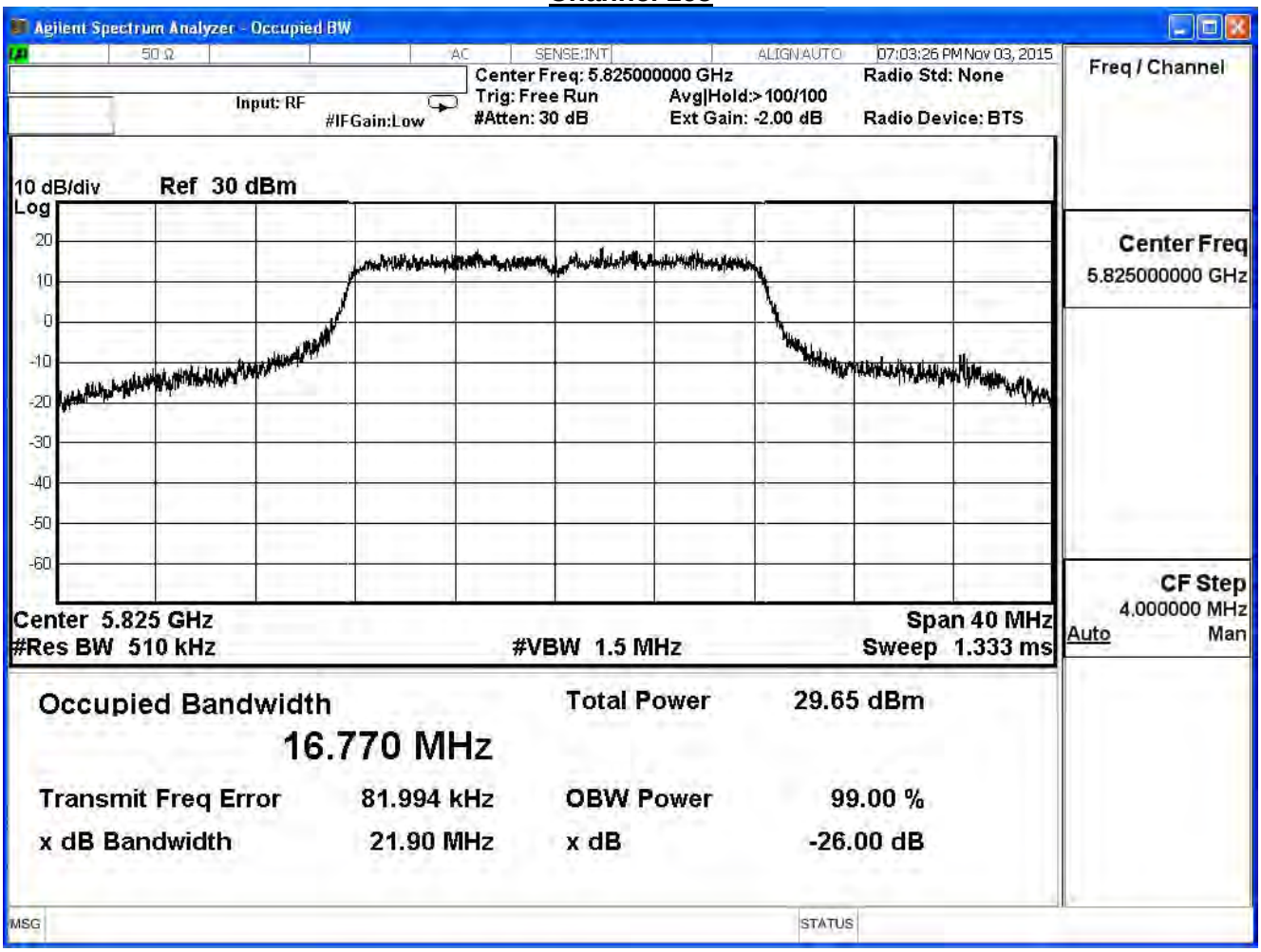
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:51:57 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
16.749 MHz
Total Power
30.26 dBm
Transmit Freq Error
33.028 kHz
OBW Power
99.00 %
x dB Bandwidth
21.09 MHz
x dB
-26.00 dB
MSG
STATUS

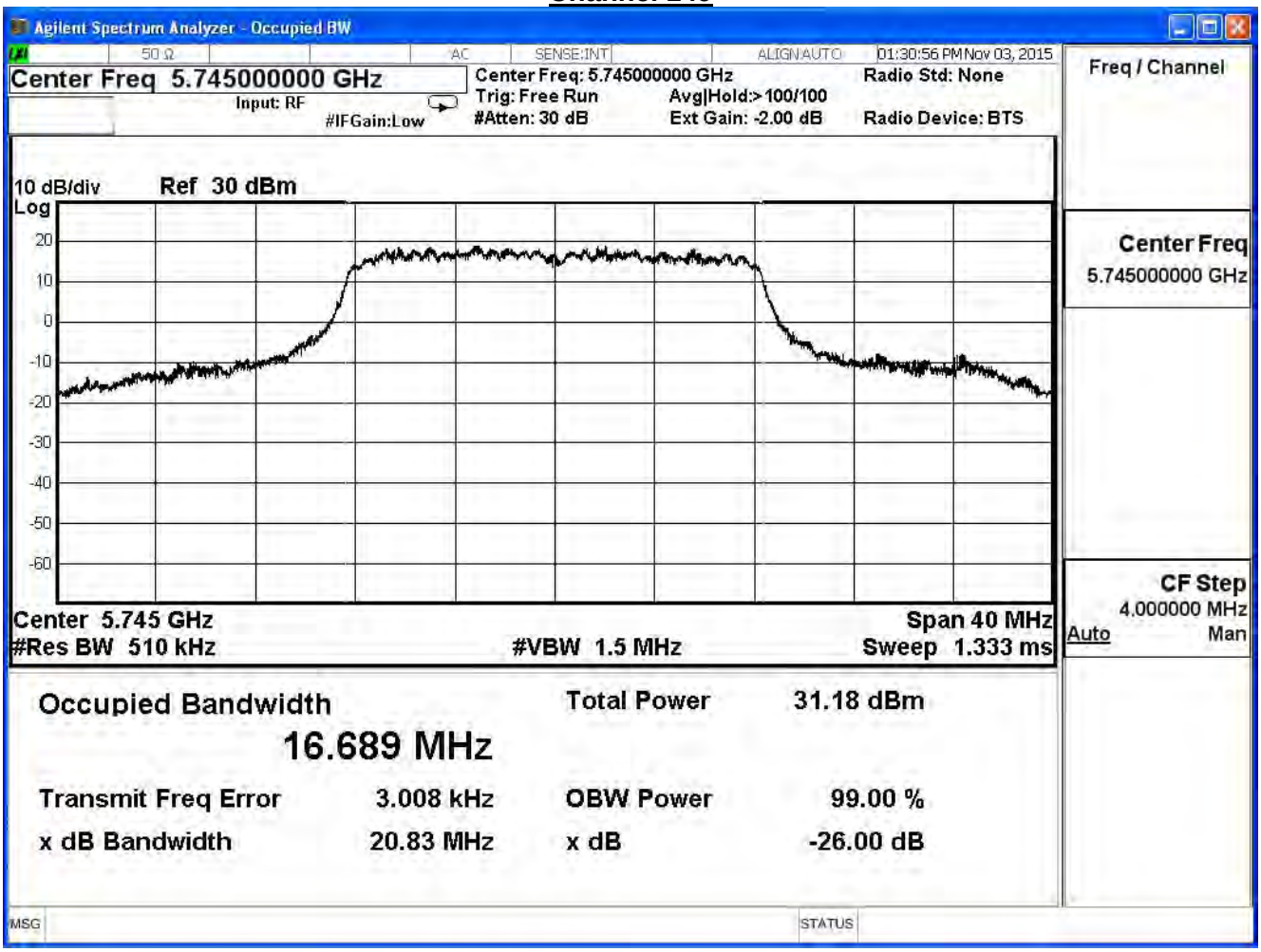
Channel 165


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:03:26 PM Nov 03, 2015
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Input: RF
#IFGain:Low
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Occupied Bandwidth
16.770 MHz
Total Power
29.65 dBm
Transmit Freq Error
81.994 kHz
OBW Power
99.00 %
x dB Bandwidth
21.90 MHz
x dB
-26.00 dB
MSG
STATUS

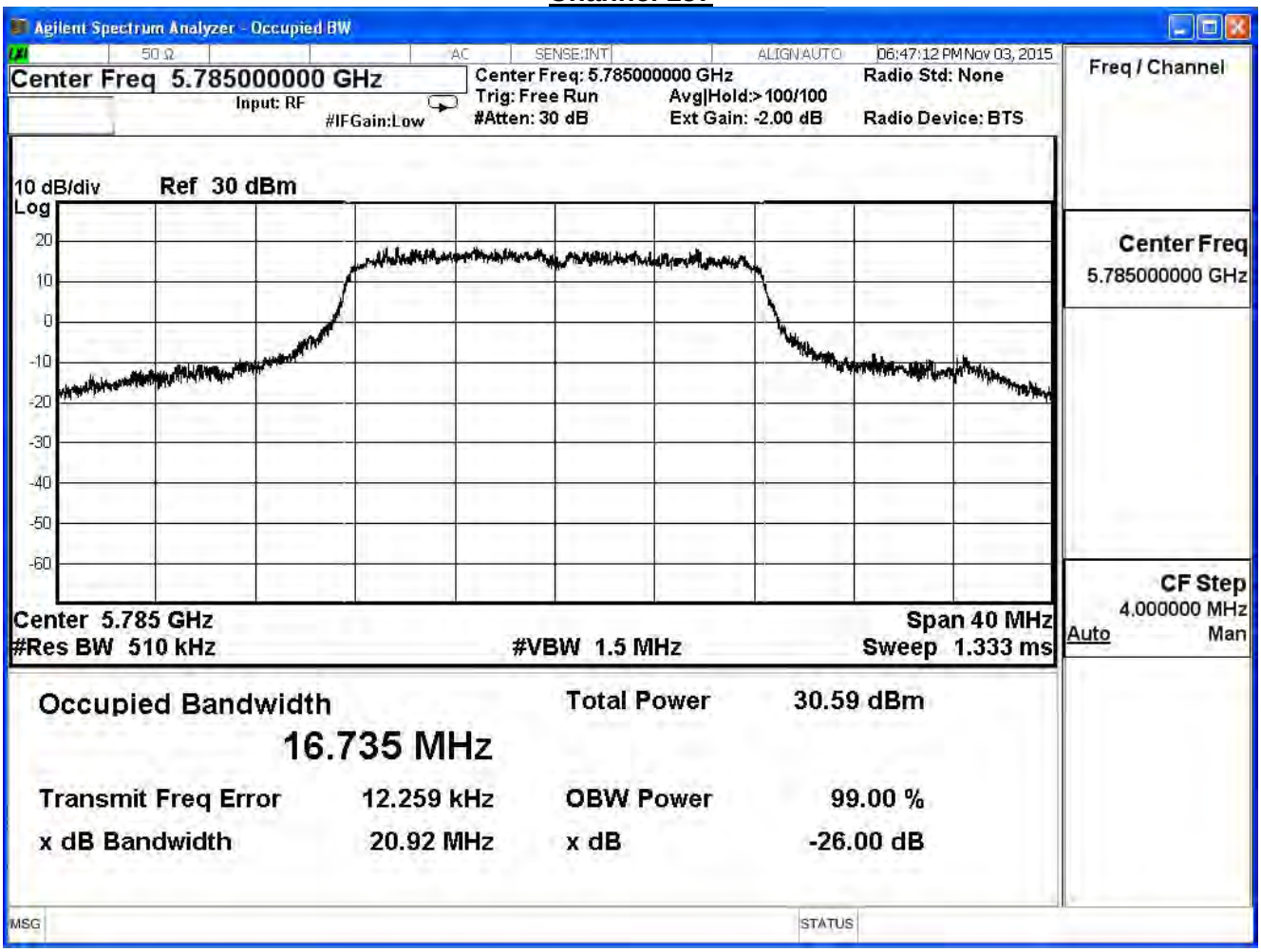
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

802.11 a (ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	16.689	--	Pass
157	5785	16.735	--	Pass
165	5825	16.875	--	Pass

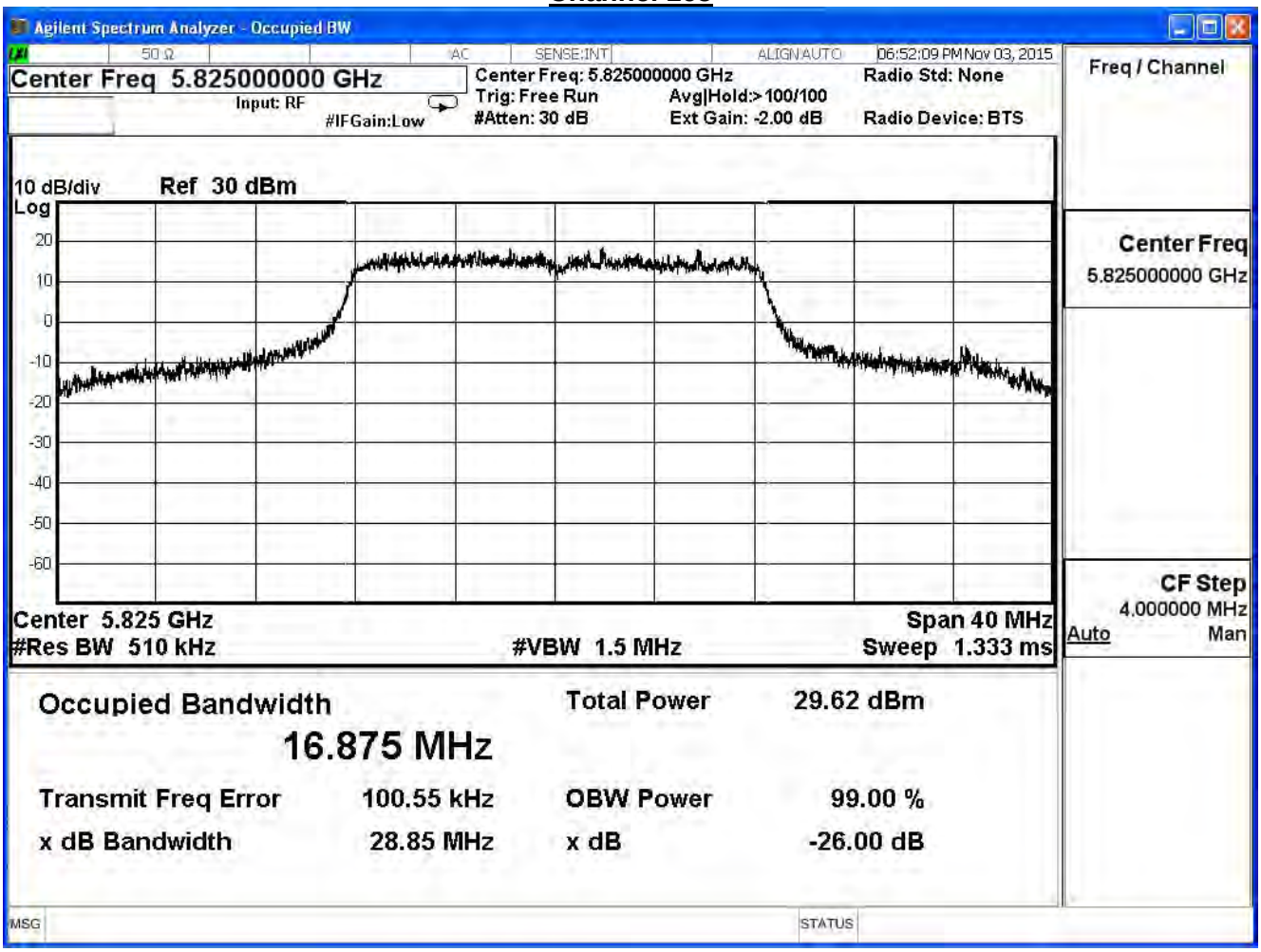
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:47:12 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Occupied Bandwidth
16.735 MHz
Total Power
30.59 dBm
Transmit Freq Error
12.259 kHz
OBW Power
99.00 %
x dB Bandwidth
20.92 MHz
x dB
-26.00 dB
MSG
STATUS

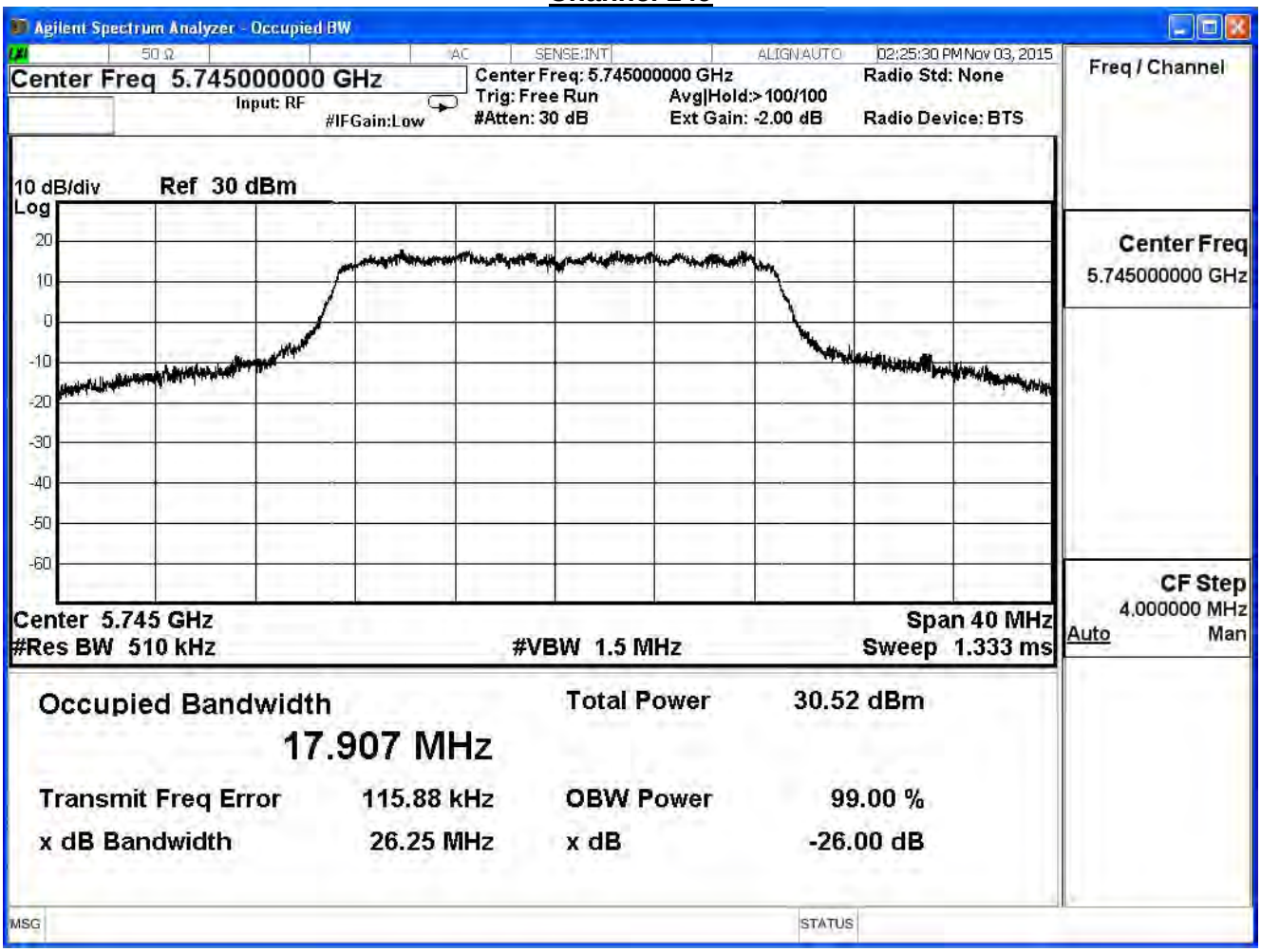
Channel 165


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:52:09 PM Nov 03, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
16.875 MHz
Total Power
29.62 dBm
Transmit Freq Error
100.55 kHz
OBW Power
99.00 %
x dB Bandwidth
28.85 MHz
x dB
-26.00 dB
MSG
STATUS

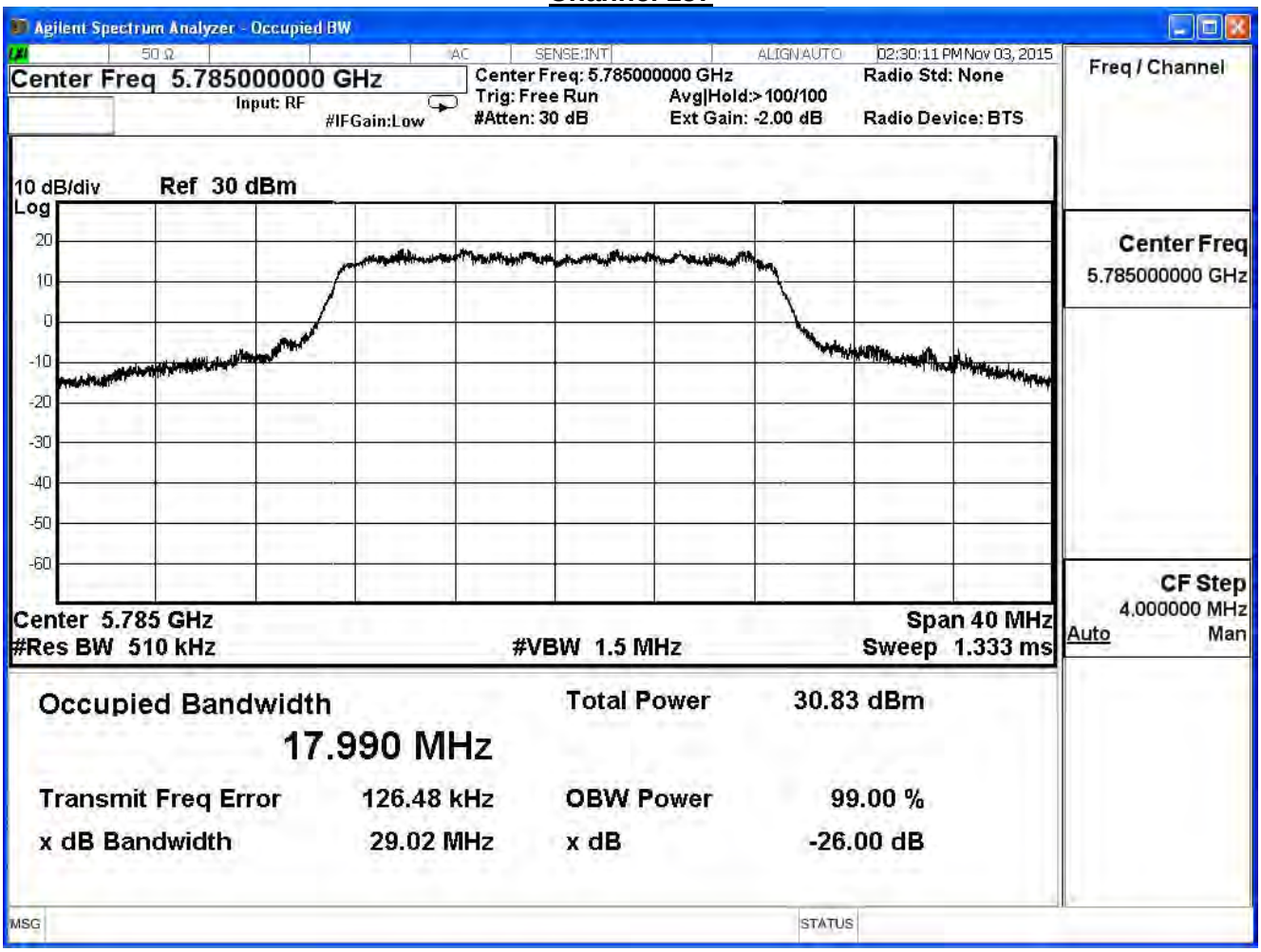
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.907	--	Pass
157	5785	17.990	--	Pass
165	5825	18.474	--	Pass

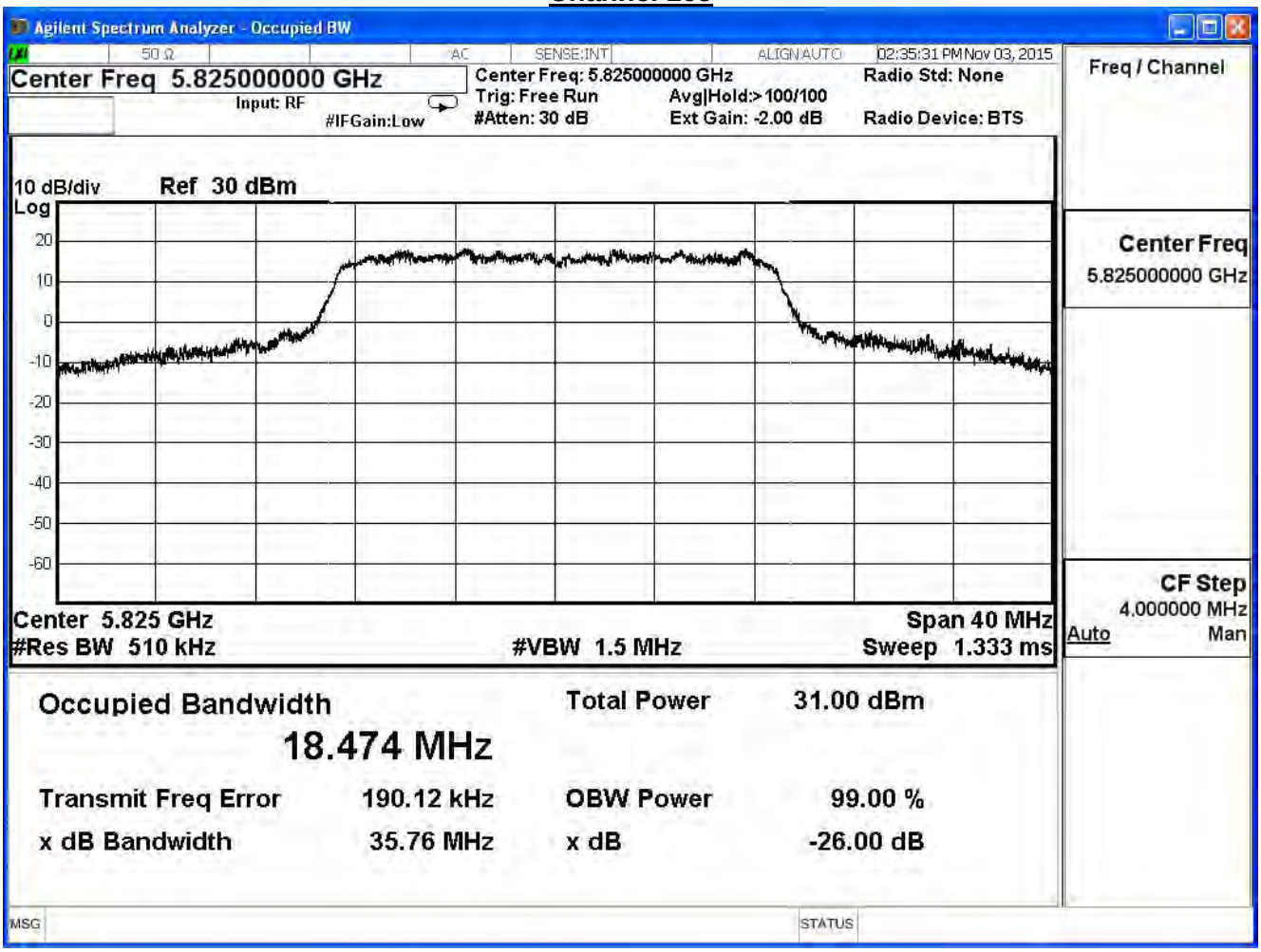
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:30:11 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.990 MHz
Total Power
30.83 dBm
Transmit Freq Error
126.48 kHz
OBW Power
99.00 %
x dB Bandwidth
29.02 MHz
x dB
-26.00 dB
MSG
STATUS

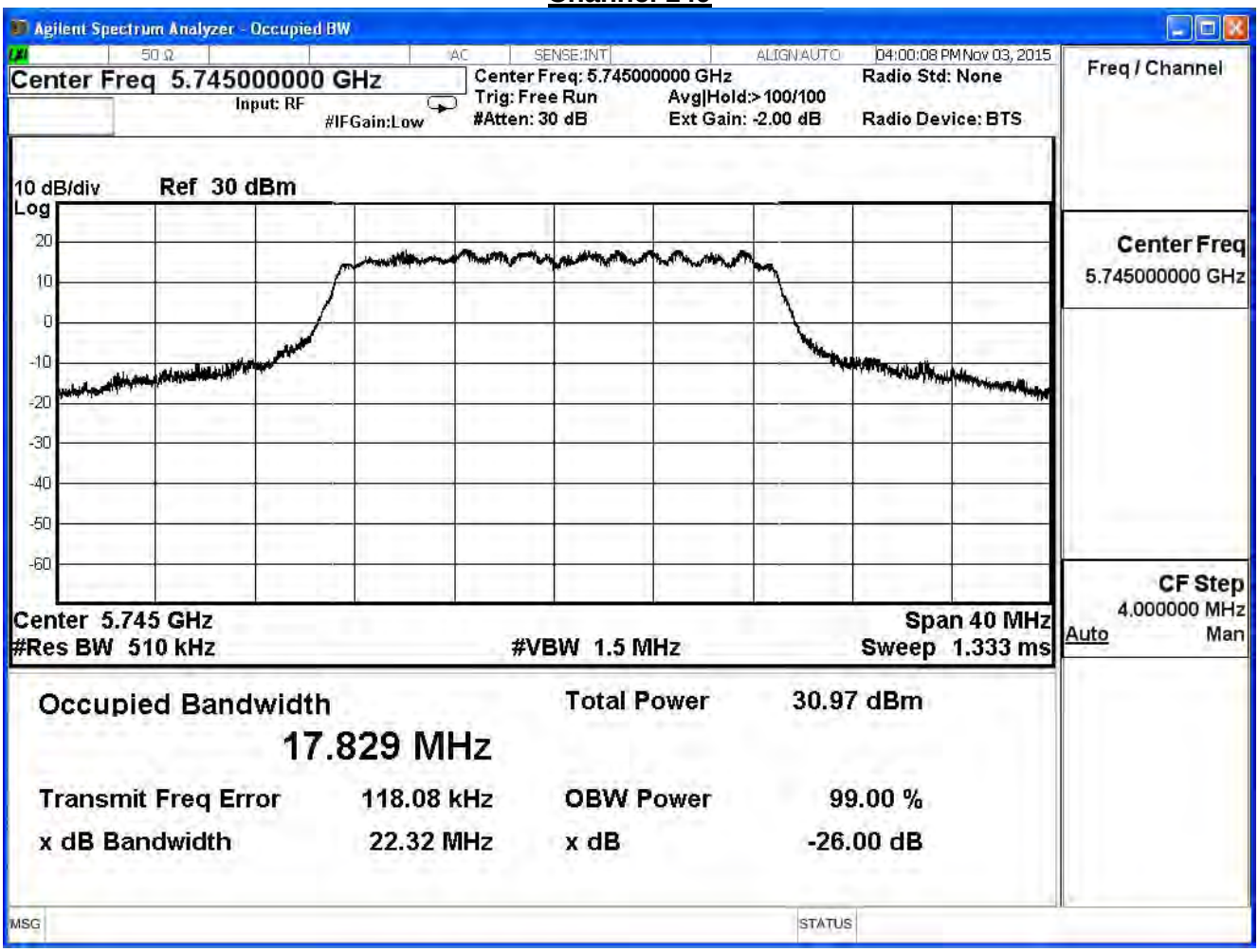
Channel 165


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:35:31 PM Nov 03, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
18.474 MHz
Total Power
31.00 dBm
Transmit Freq Error
190.12 kHz
OBW Power
99.00 %
x dB Bandwidth
35.76 MHz
x dB
-26.00 dB
MSG
STATUS

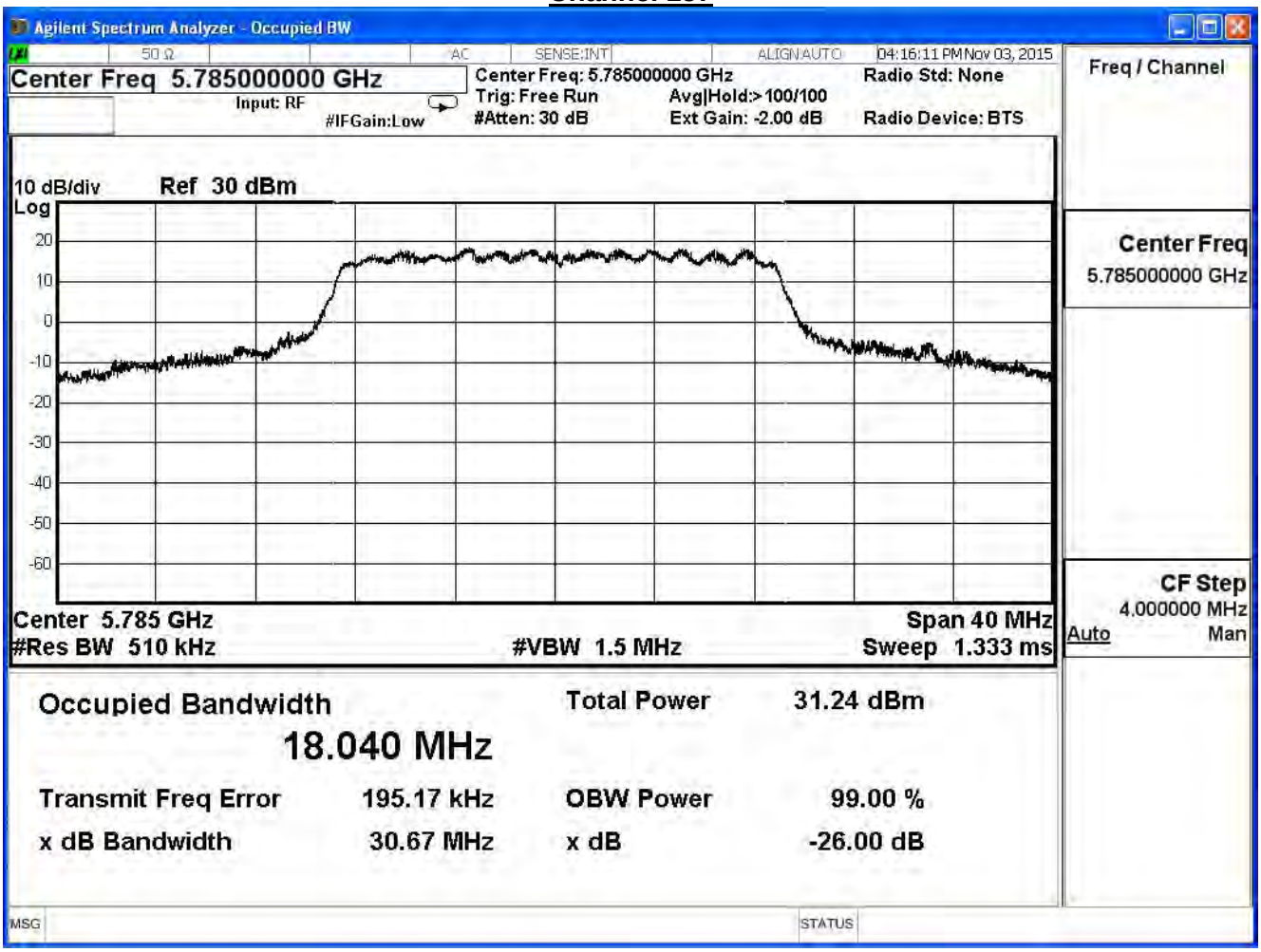
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.829	--	Pass
157	5785	18.040	--	Pass
165	5825	18.036	--	Pass

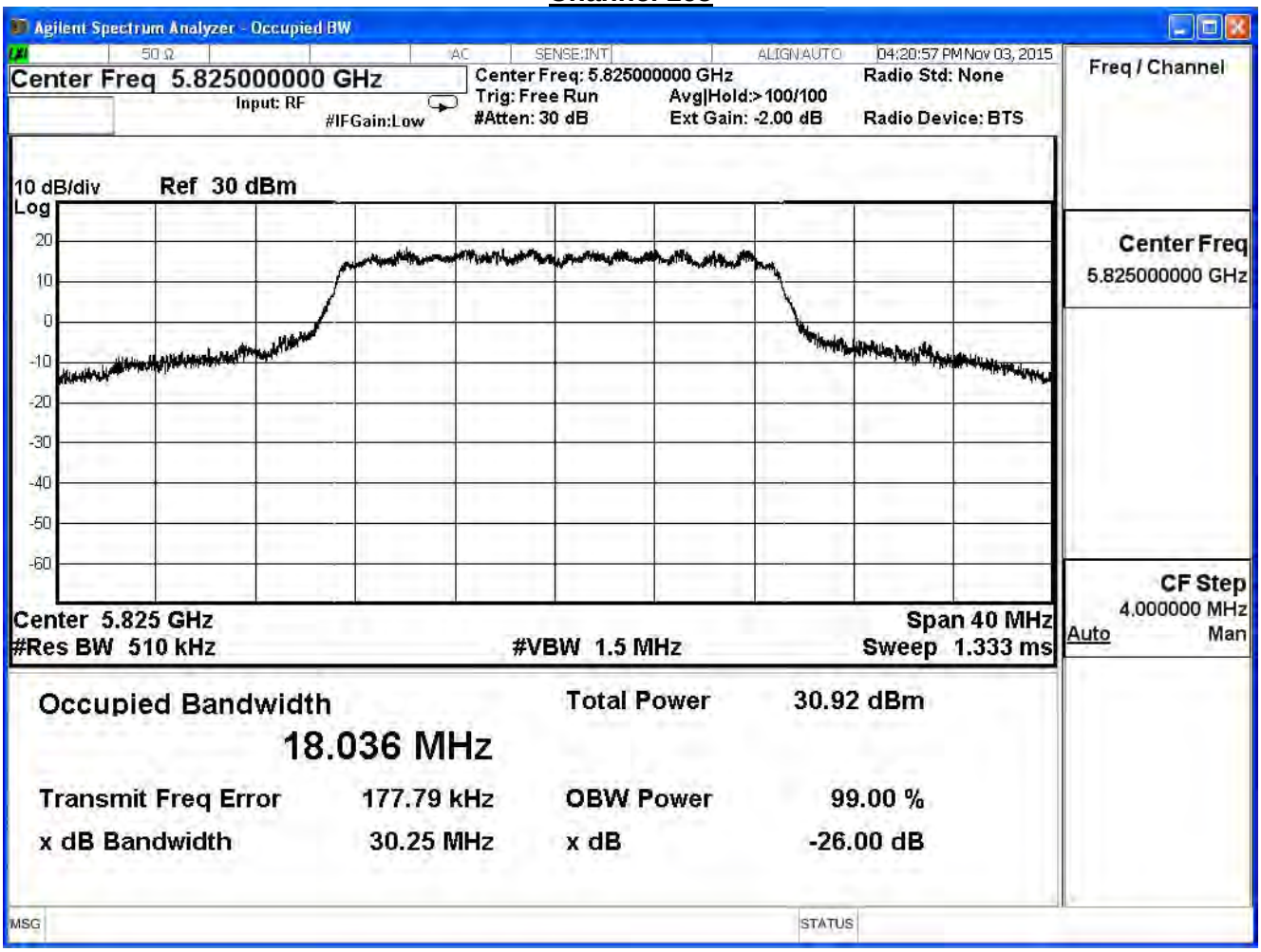
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:16:11 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
18.040 MHz
Total Power
31.24 dBm
Transmit Freq Error
195.17 kHz
OBW Power
99.00 %
x dB Bandwidth
30.67 MHz
x dB
-26.00 dB
MSG
STATUS

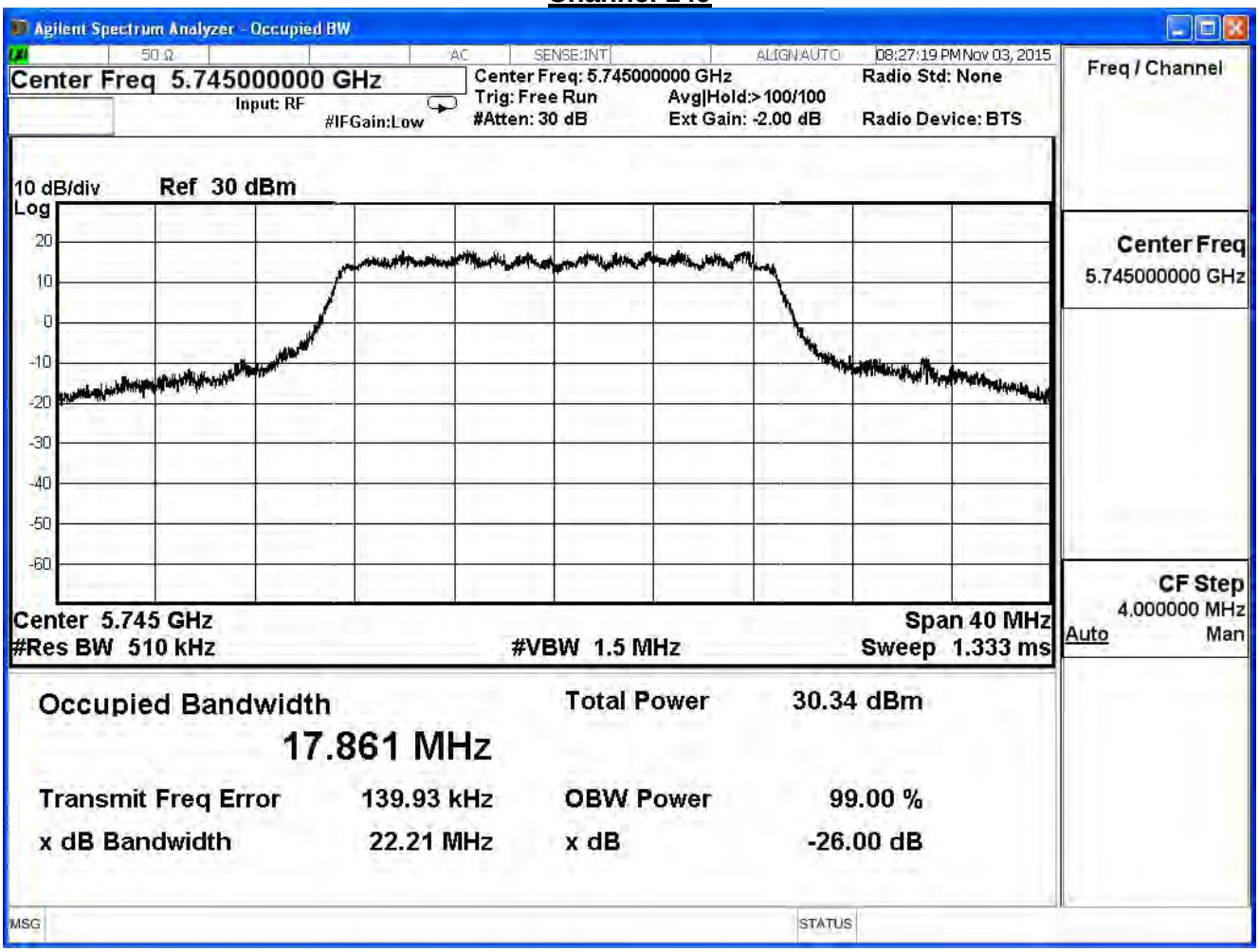
Channel 165


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:20:57 PM Nov 03, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
18.036 MHz
Total Power
30.92 dBm
Transmit Freq Error
177.79 kHz
OBW Power
99.00 %
x dB Bandwidth
30.25 MHz
x dB
-26.00 dB
MSG
STATUS

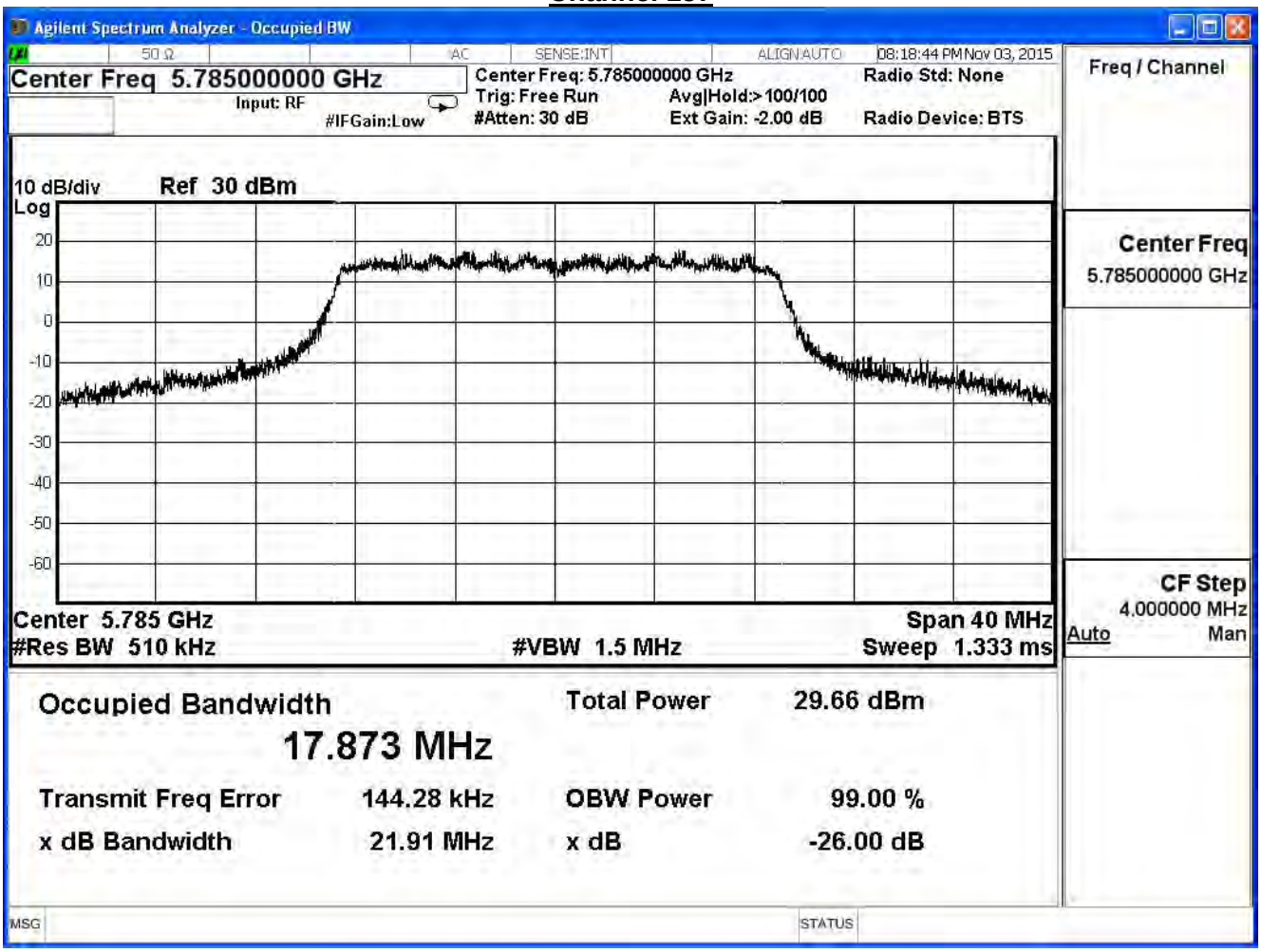
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.861	--	Pass
157	5785	17.873	--	Pass
165	5825	17.890	--	Pass

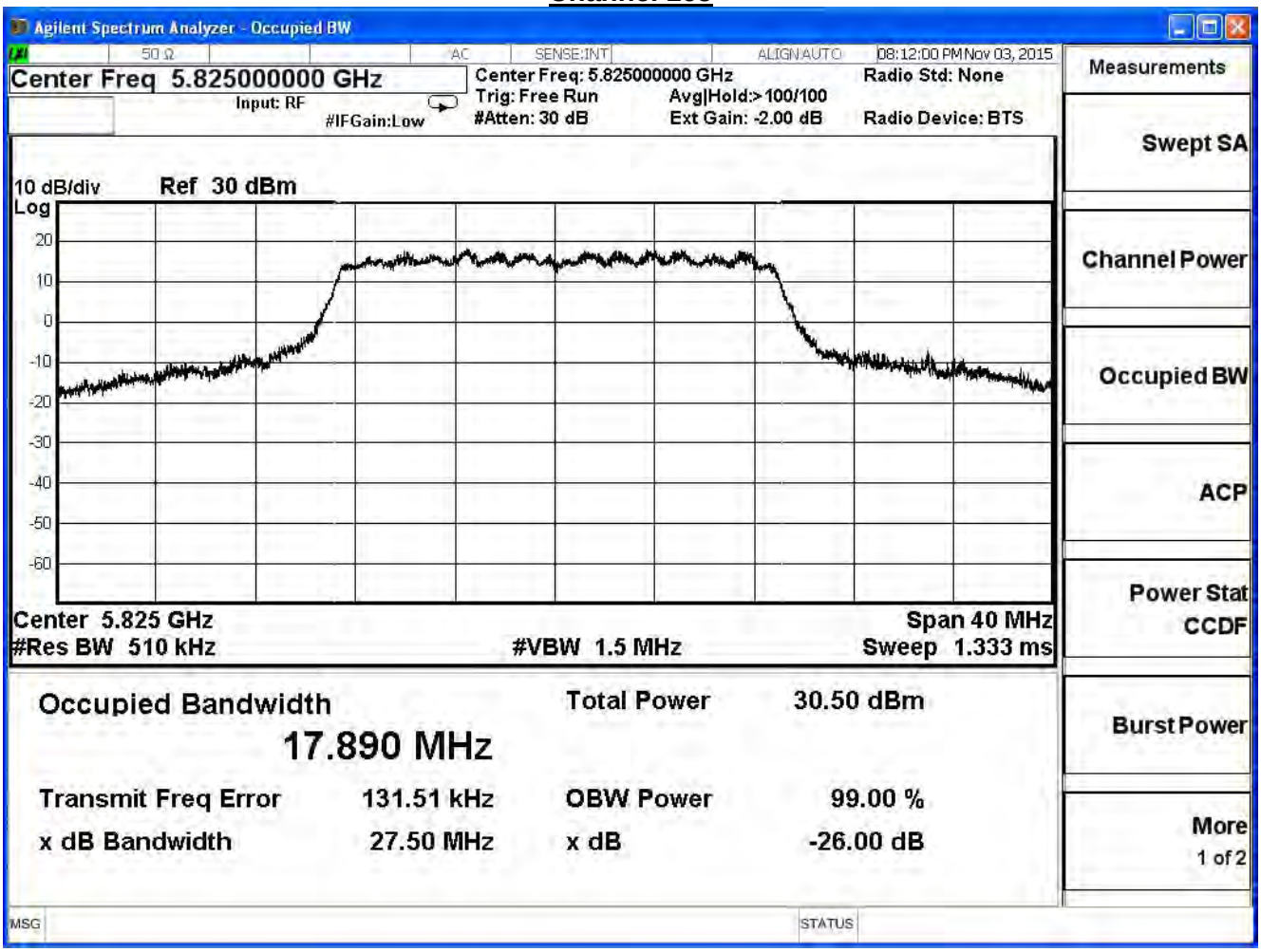
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:18:44 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Occupied Bandwidth
17.873 MHz
Total Power
29.66 dBm
Transmit Freq Error
144.28 kHz
OBW Power
99.00 %
x dB Bandwidth
21.91 MHz
x dB
-26.00 dB
MSG
STATUS

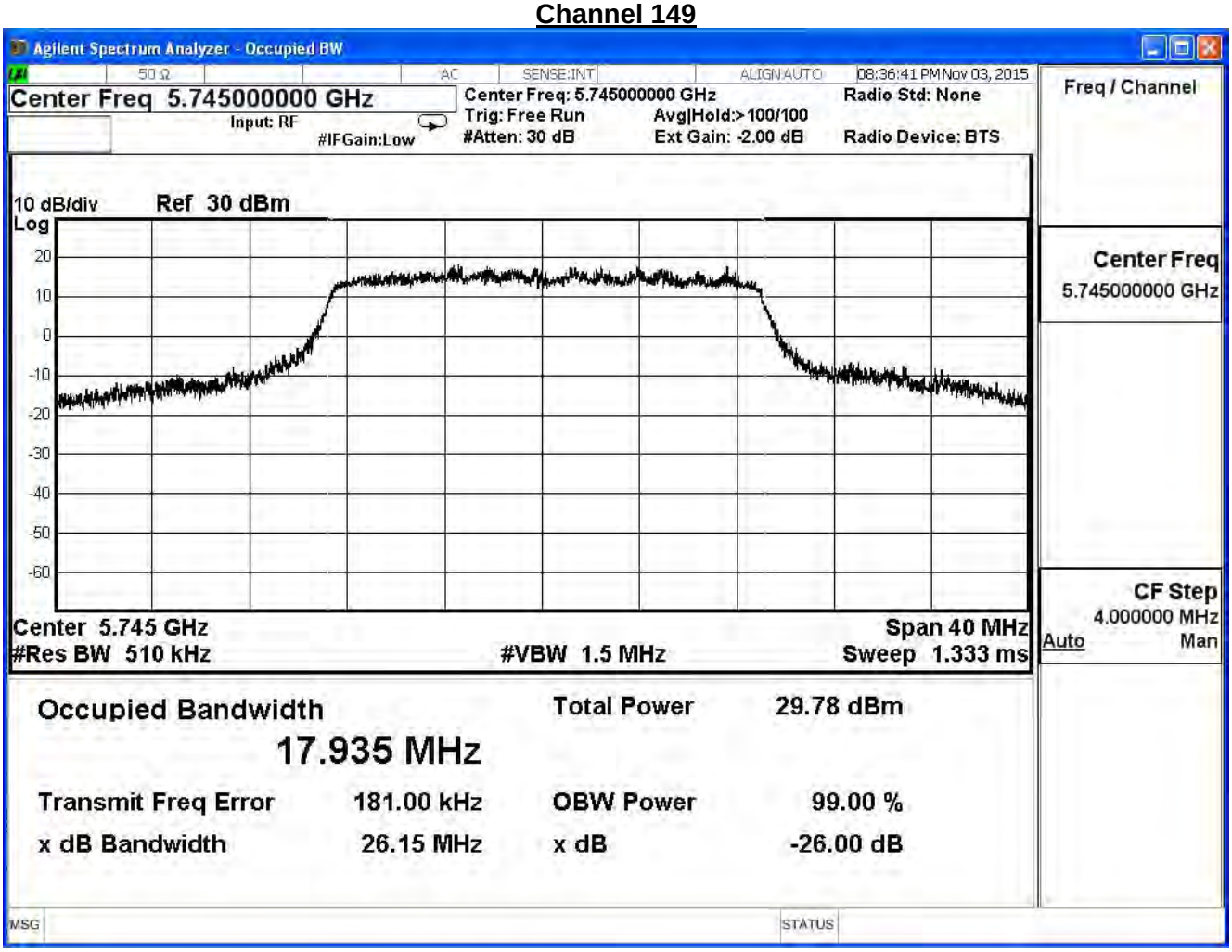
Channel 165


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:12:00 PM Nov 03, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Occupied Bandwidth
17.890 MHz
Total Power 30.50 dBm
Transmit Freq Error 131.51 kHz
OBW Power 99.00 %
x dB Bandwidth 27.50 MHz
x dB -26.00 dB
MSG
STATUS
Measurements
Swept SA
Channel Power
Occupied BW
ACP
Power Stat CCDF
Burst Power
More 1 of 2

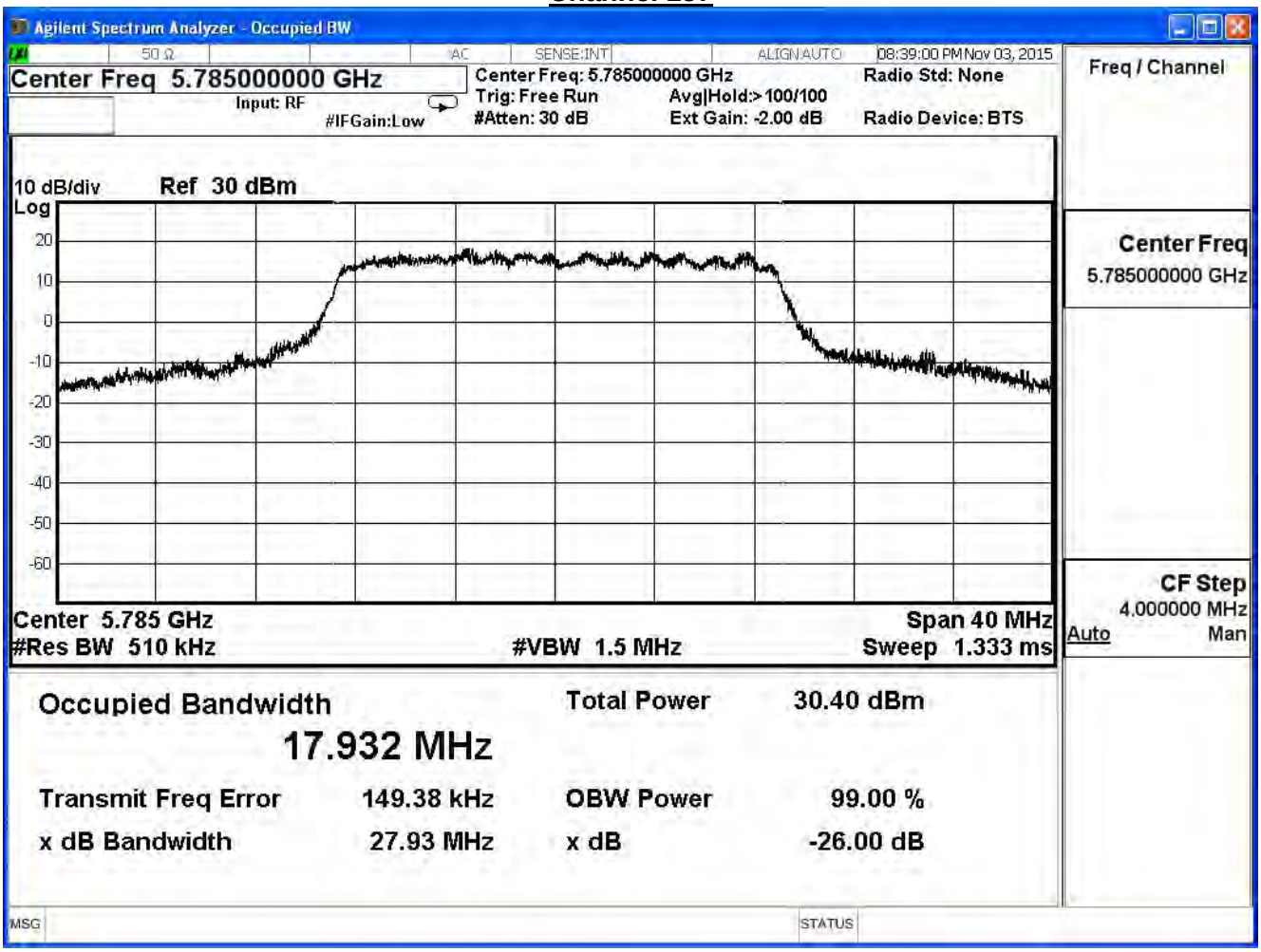
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.935	--	Pass
157	5785	17.932	--	Pass
165	5825	18.031	--	Pass

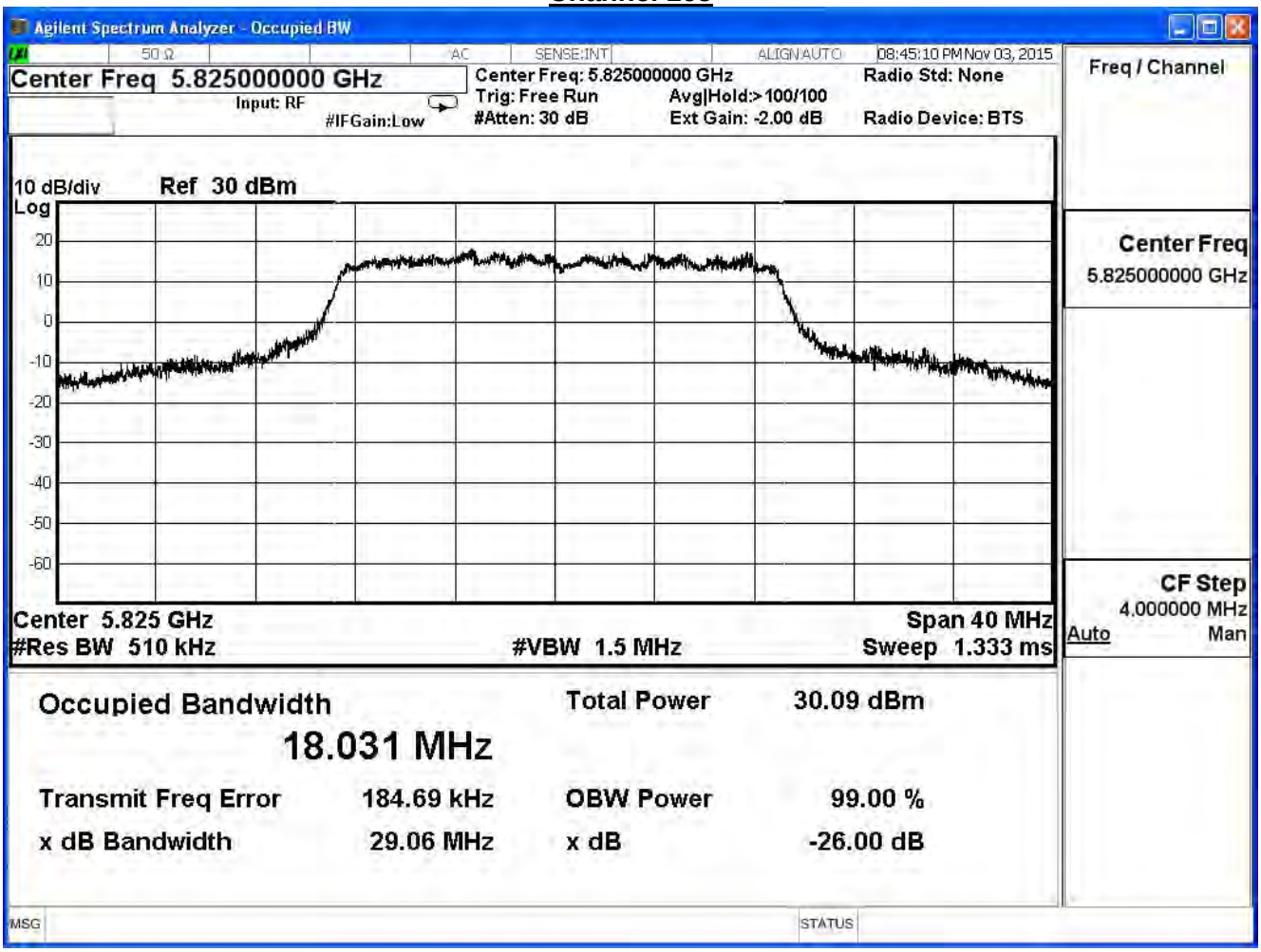
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:39:00 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Occupied Bandwidth
17.932 MHz
Total Power
30.40 dBm
Transmit Freq Error
149.38 kHz
OBW Power
99.00 %
x dB Bandwidth
27.93 MHz
x dB
-26.00 dB
MSG
STATUS

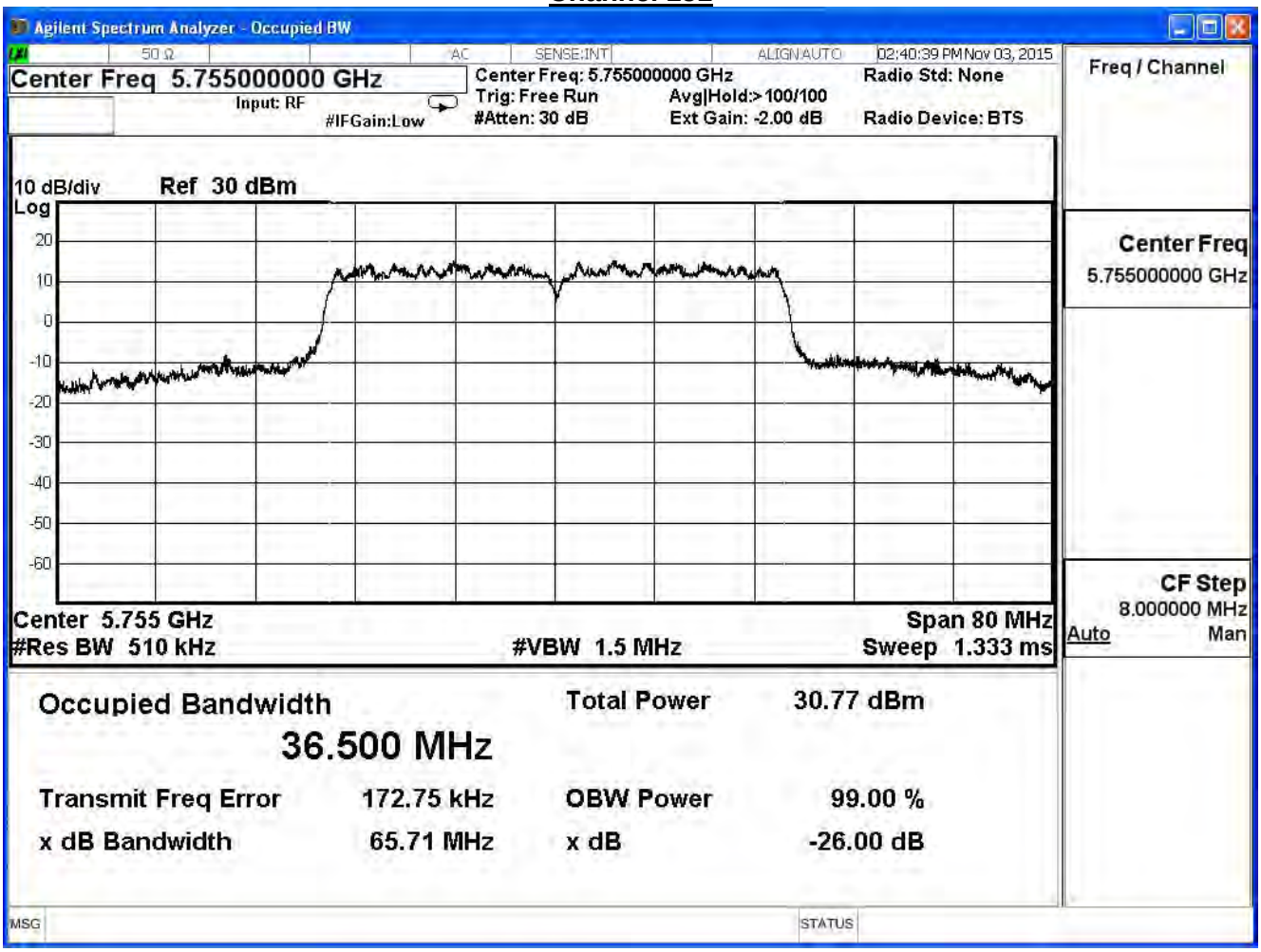
Channel 165


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:45:10 PM Nov 03, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
18.031 MHz
Total Power
30.09 dBm
Transmit Freq Error
184.69 kHz
OBW Power
99.00 %
x dB Bandwidth
29.06 MHz
x dB
-26.00 dB
MSG
STATUS

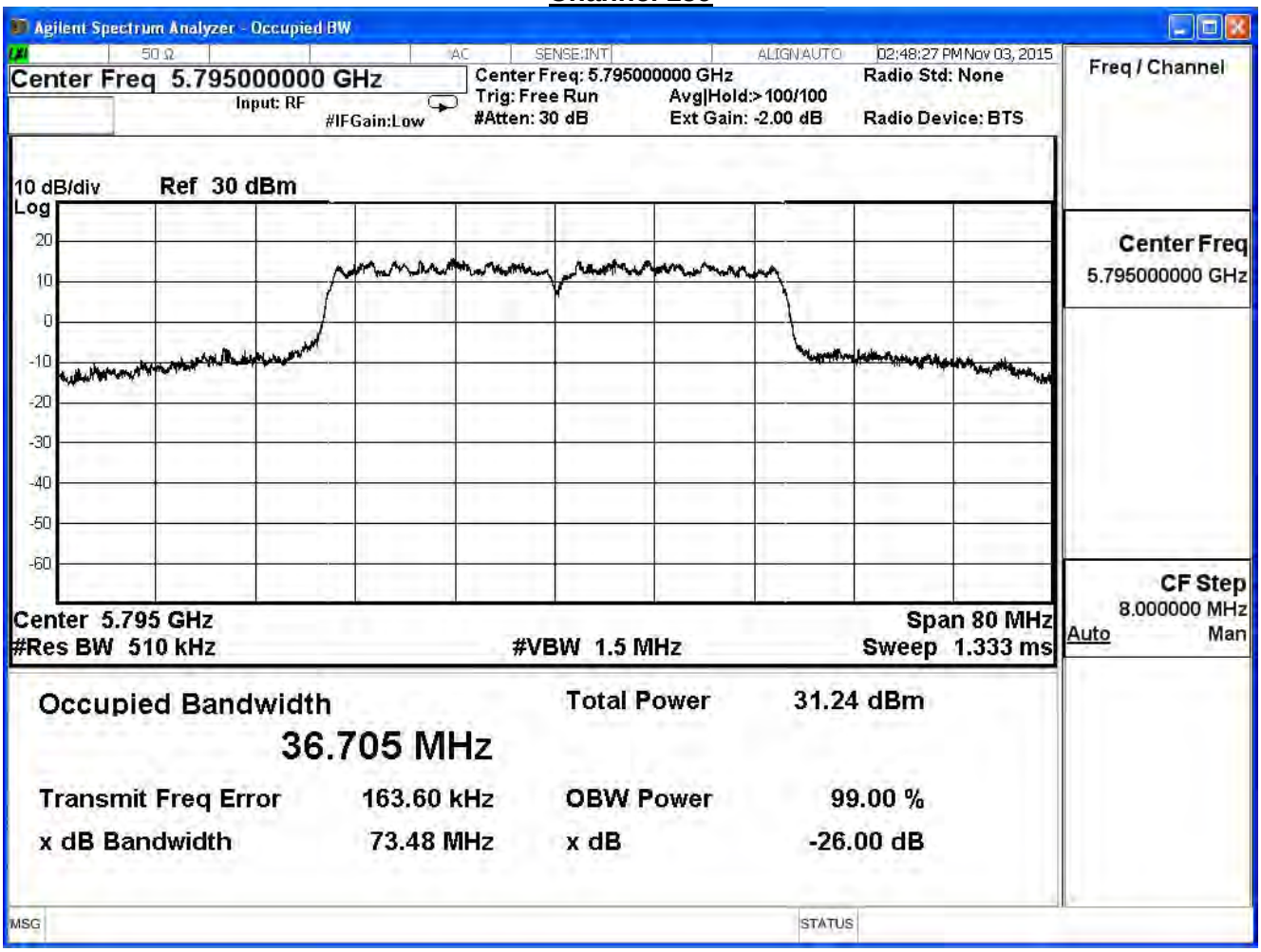
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	36.500	--	Pass
159	5795	36.705	--	Pass

Channel 151



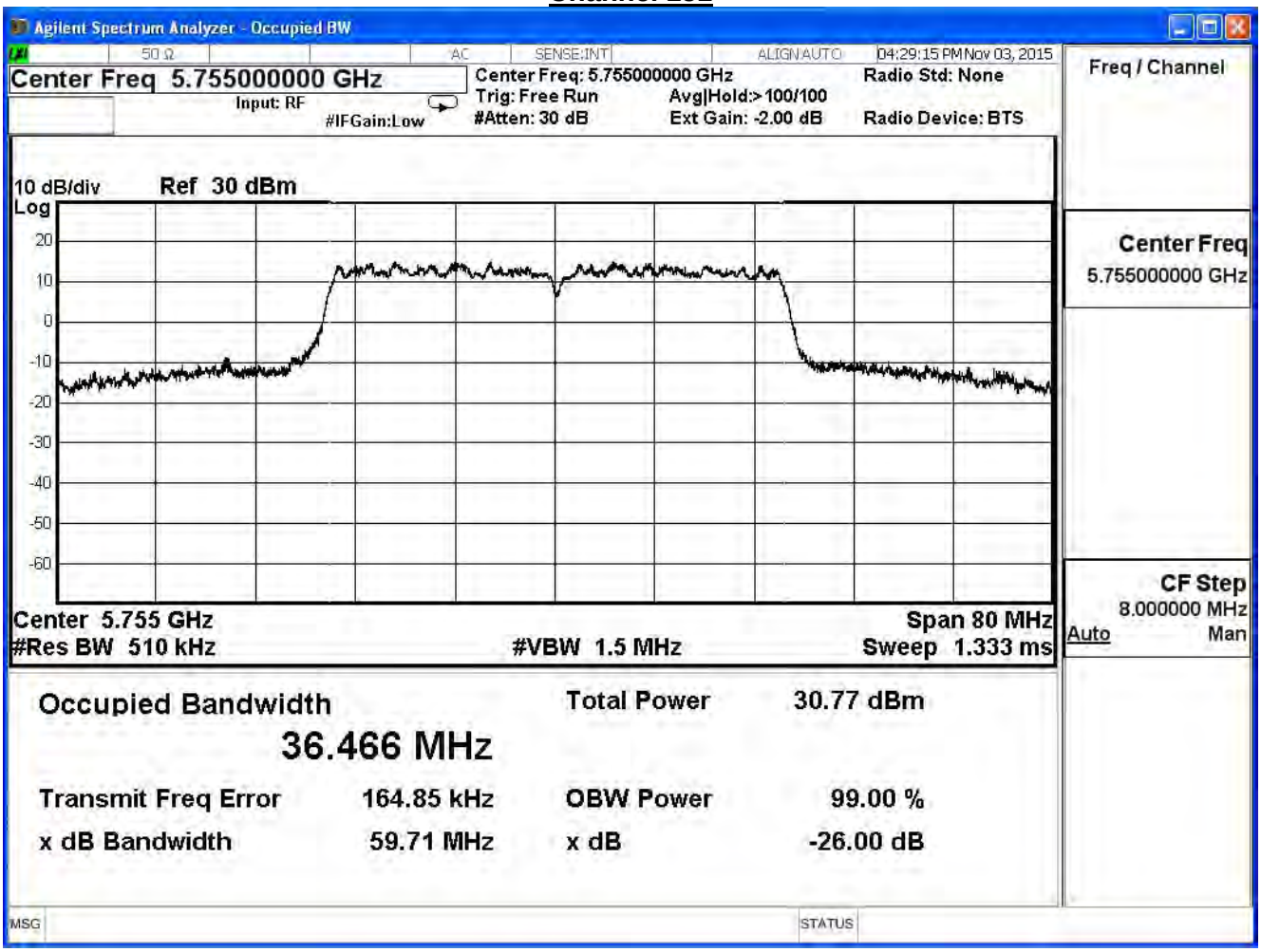
Channel 159


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:48:27 PM Nov 03, 2015
Center Freq 5.795000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.795000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.795000000 GHz
CF Step
8.000000 MHz
Auto
Man
Center 5.795 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Occupied Bandwidth
36.705 MHz
Total Power
31.24 dBm
Transmit Freq Error
163.60 kHz
OBW Power
99.00 %
x dB Bandwidth
73.48 MHz
x dB
-26.00 dB
MSG
STATUS

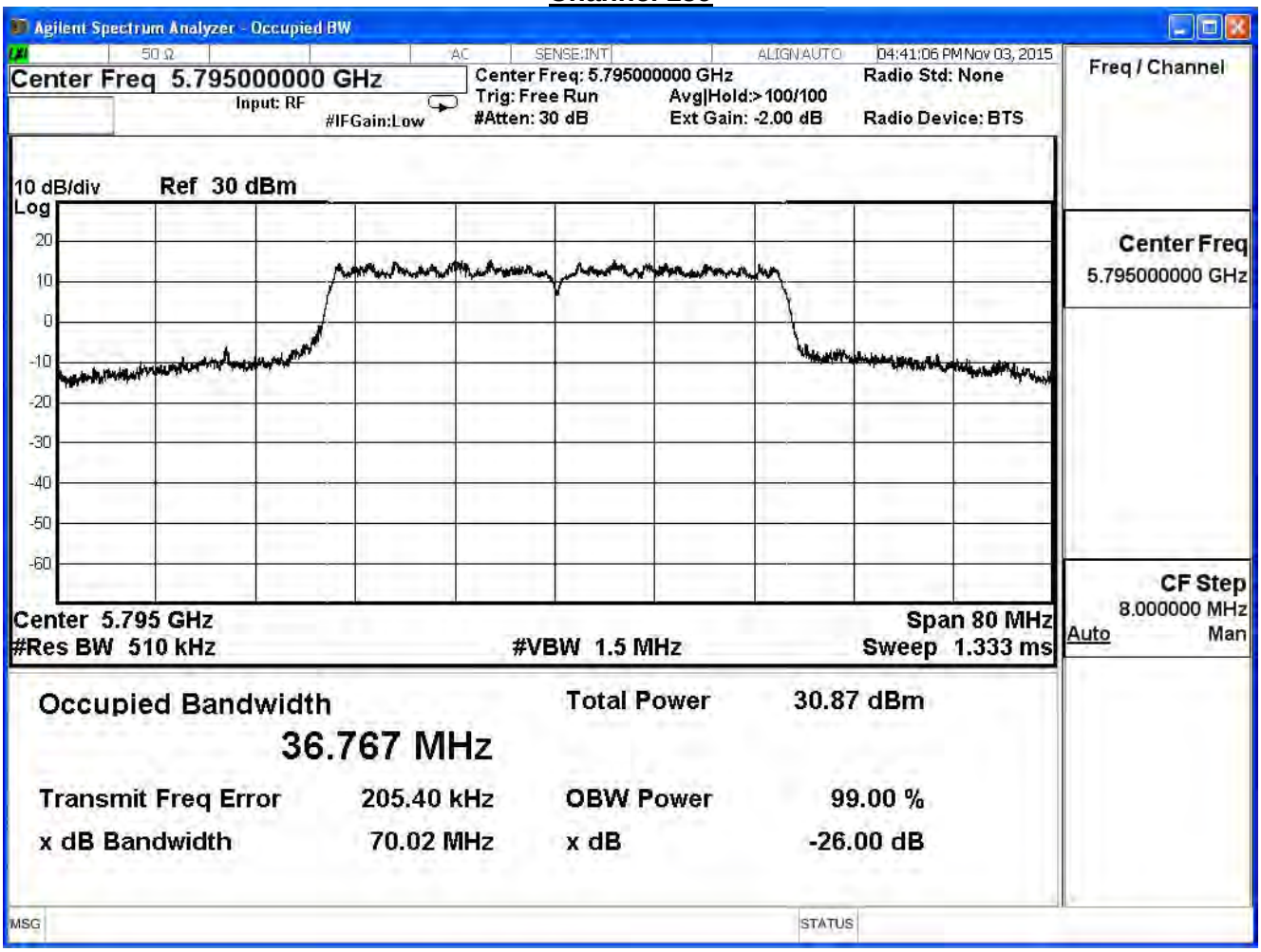
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	36.466	--	Pass
159	5795	36.767	--	Pass

Channel 151



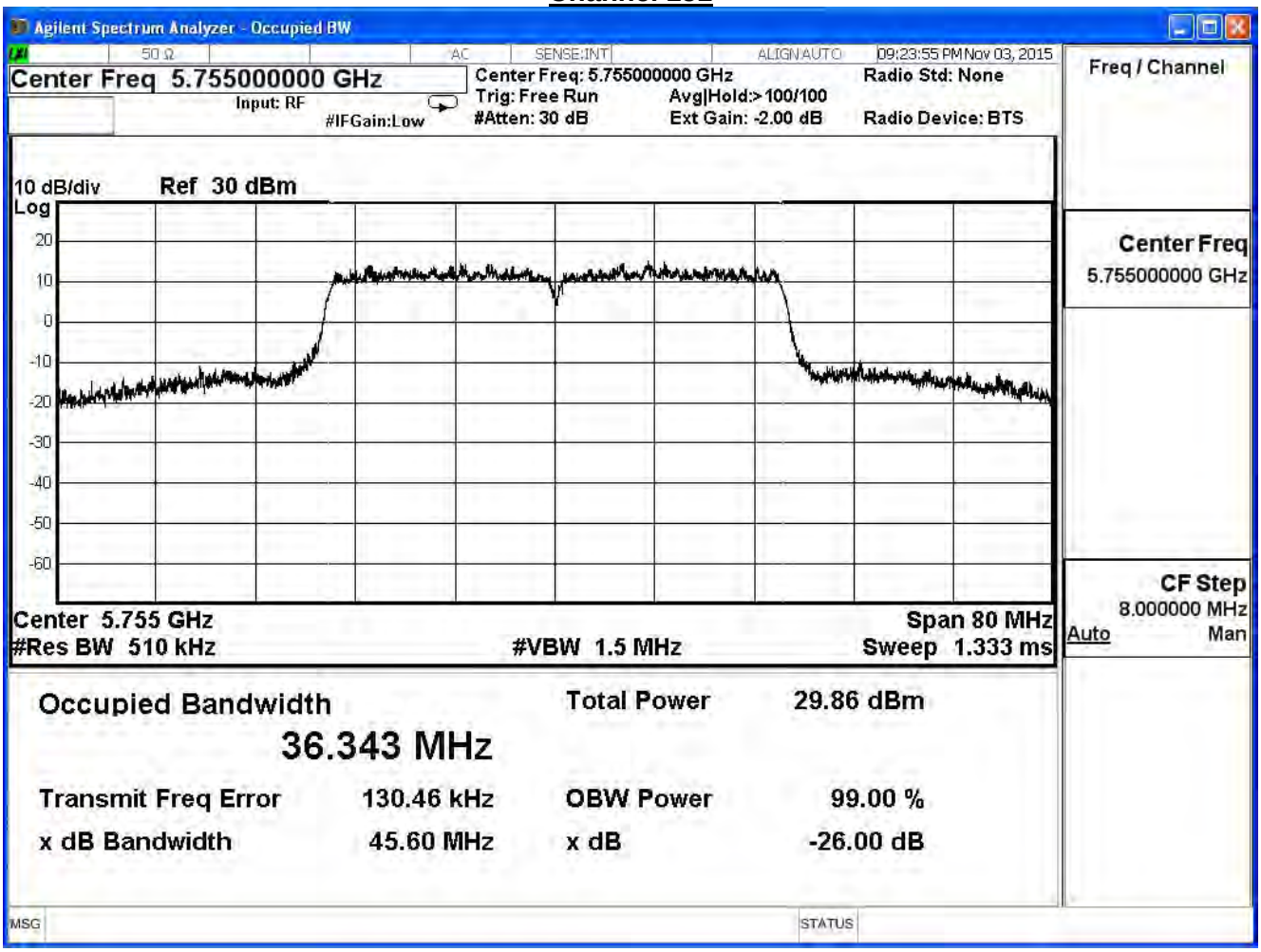
Channel 159


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:41:06 PM Nov 03, 2015
Center Freq 5.795000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.795000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.795000000 GHz
Center 5.795 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Occupied Bandwidth
36.767 MHz
Total Power
30.87 dBm
Transmit Freq Error
205.40 kHz
OBW Power
99.00 %
x dB Bandwidth
70.02 MHz
x dB
-26.00 dB
MSG
STATUS

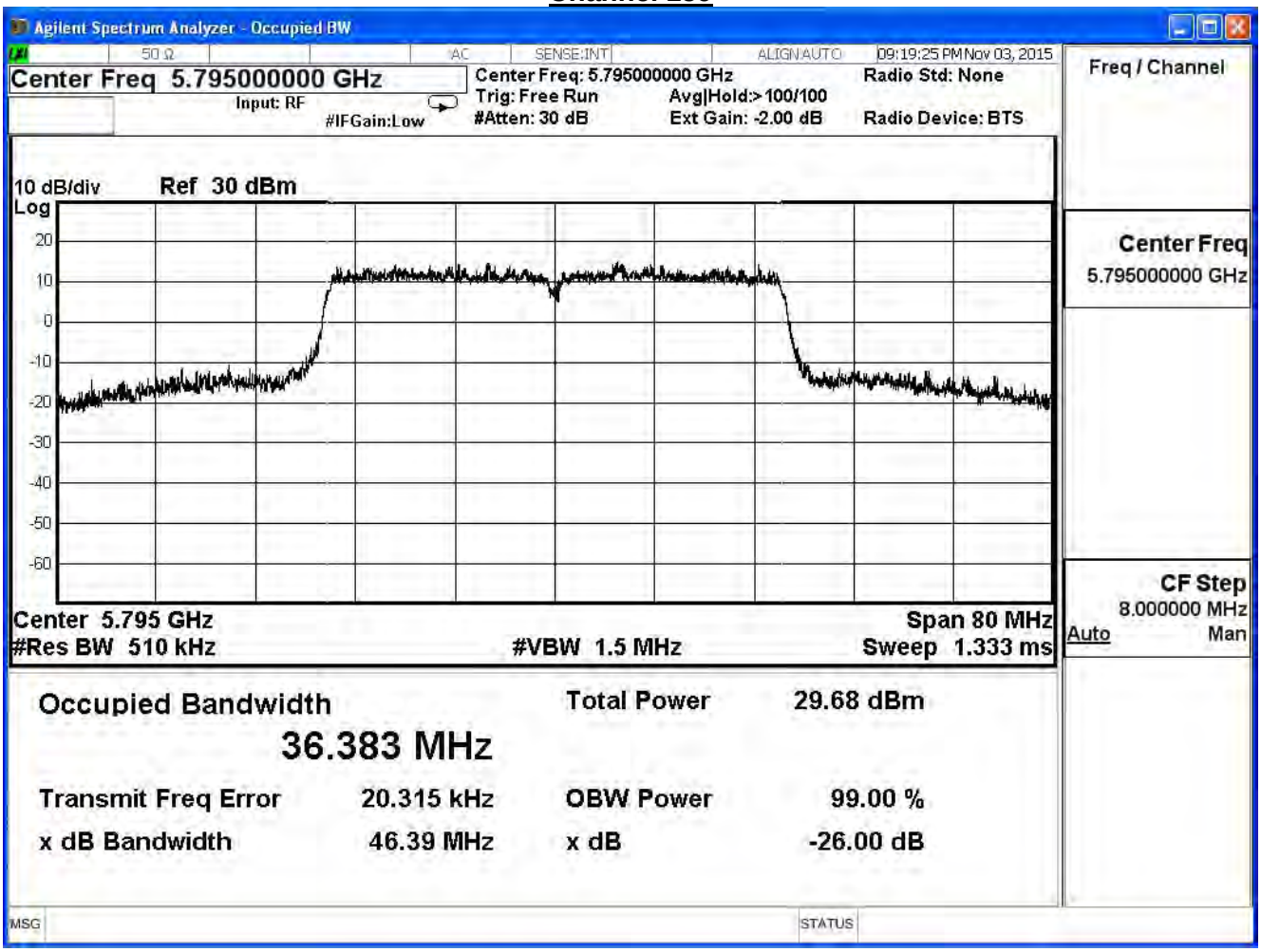
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	36.343	--	Pass
159	5795	36.383	--	Pass

Channel 151



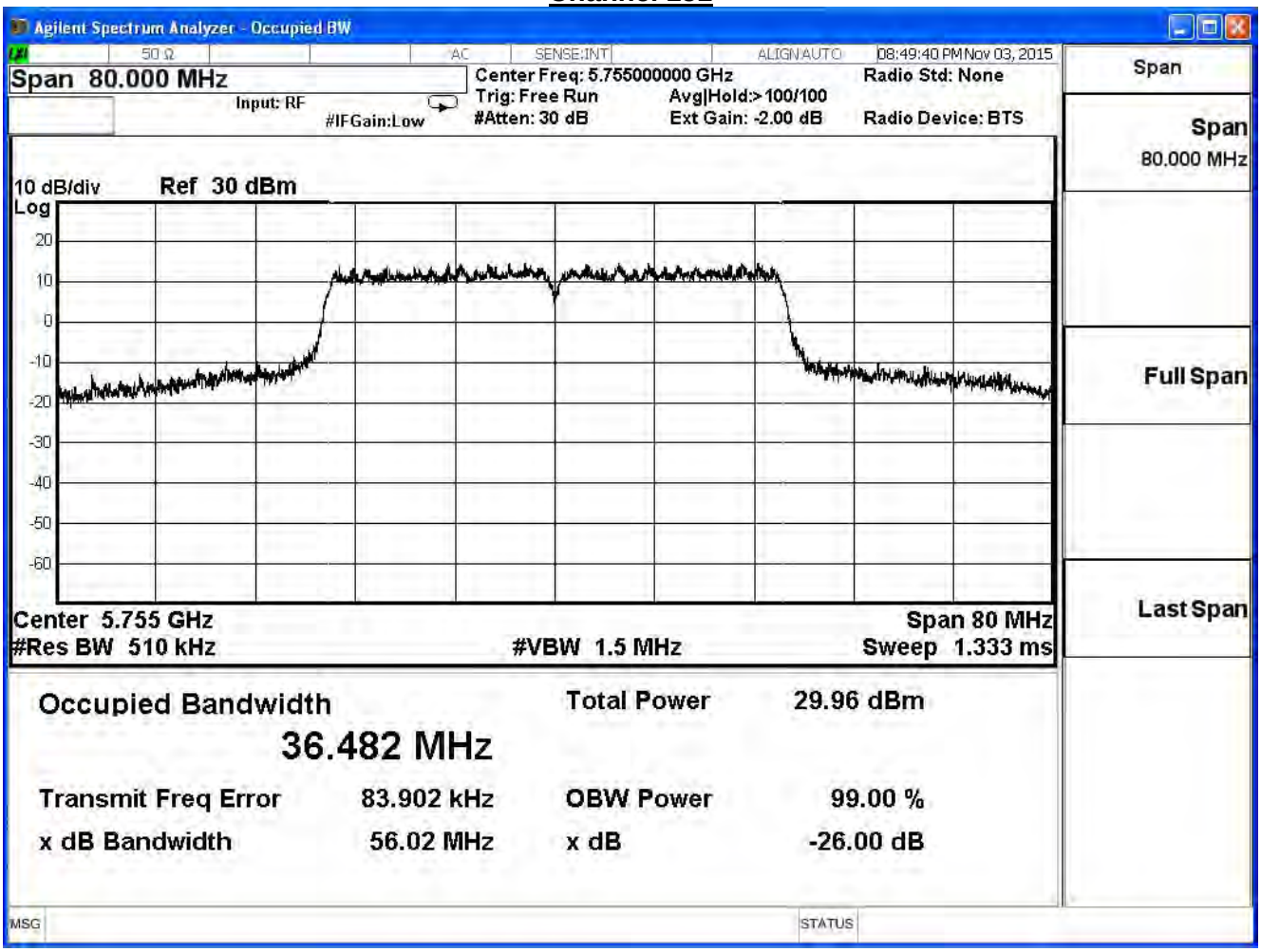
Channel 159


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:19:25 PM Nov 03, 2015
Center Freq 5.795000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.795000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.795000000 GHz
CF Step
8.000000 MHz
Auto
Man
Center 5.795 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Occupied Bandwidth
36.383 MHz
Total Power
29.68 dBm
Transmit Freq Error
20.315 kHz
OBW Power
99.00 %
x dB Bandwidth
46.39 MHz
x dB
-26.00 dB
MSG
STATUS

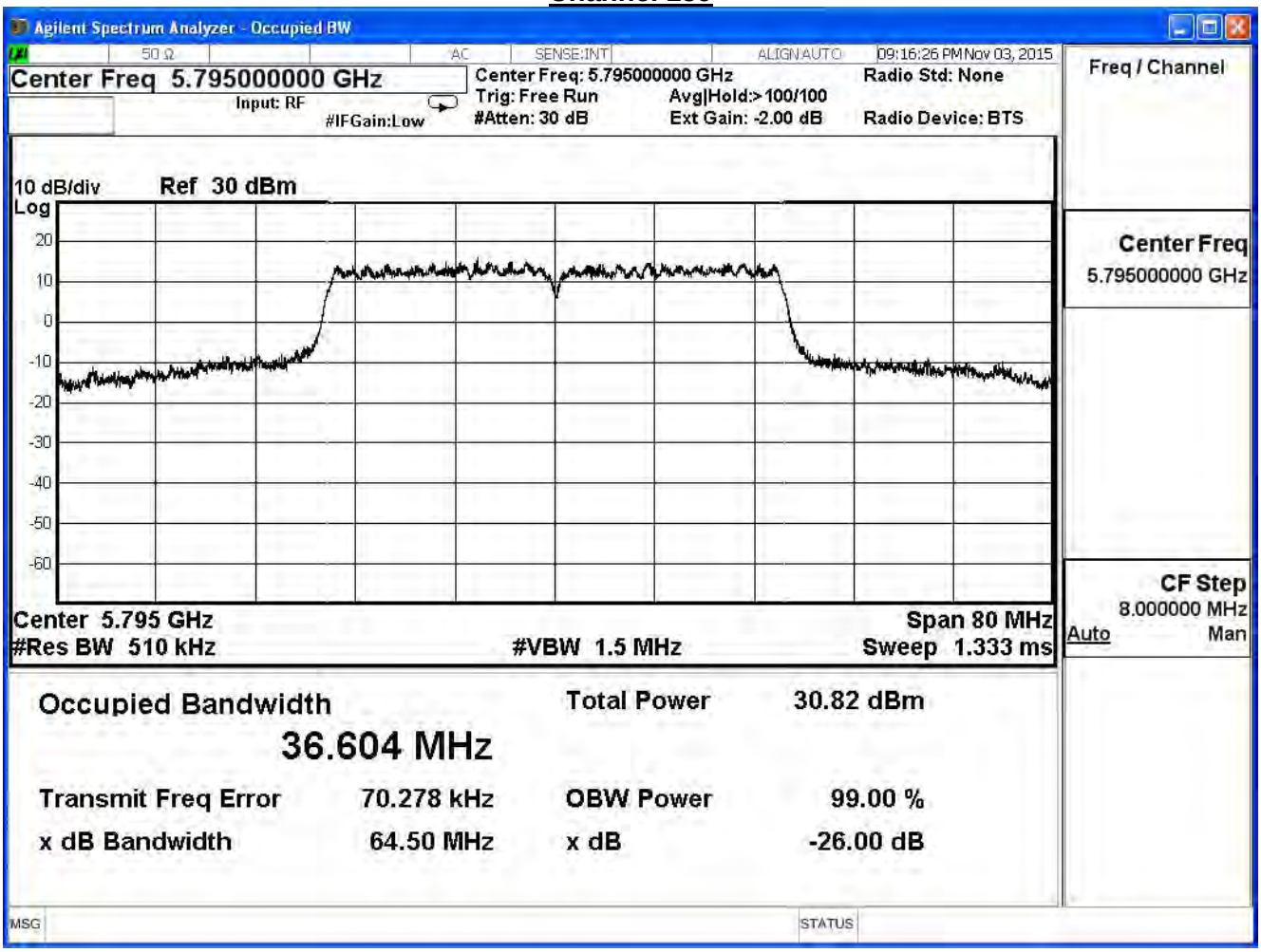
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	36.482	--	Pass
159	5795	36.604	--	Pass

Channel 151



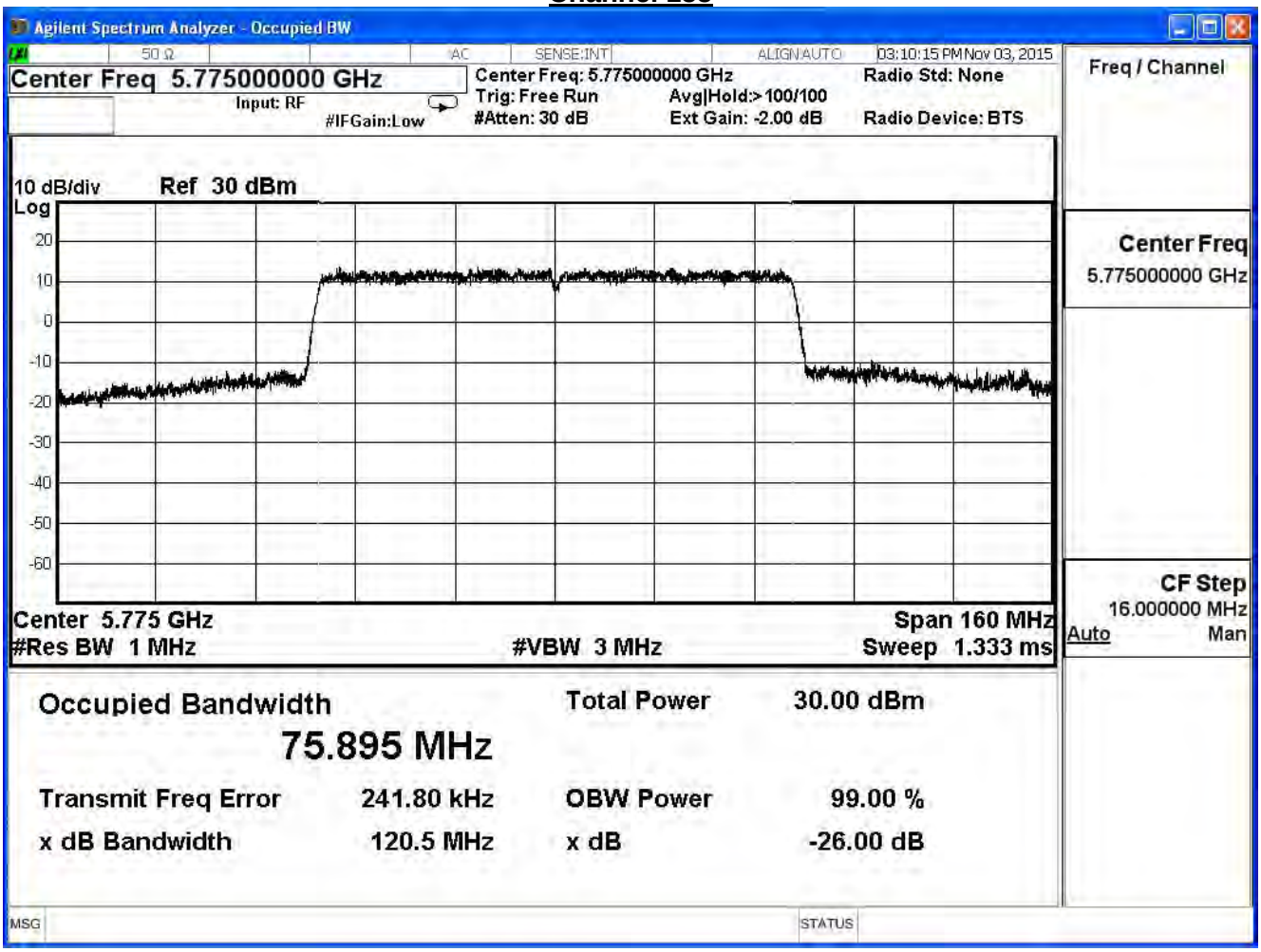
Channel 159


Agilent Spectrum Analyzer - Occupied BW
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:16:26 PM Nov 03, 2015
Center Freq 5.795000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.795000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.795000000 GHz
Center 5.795 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Occupied Bandwidth
36.604 MHz
Total Power
30.82 dBm
Transmit Freq Error
70.278 kHz
OBW Power
99.00 %
x dB Bandwidth
64.50 MHz
x dB
-26.00 dB
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11ac (80MHz) (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	75.895	--	Pass

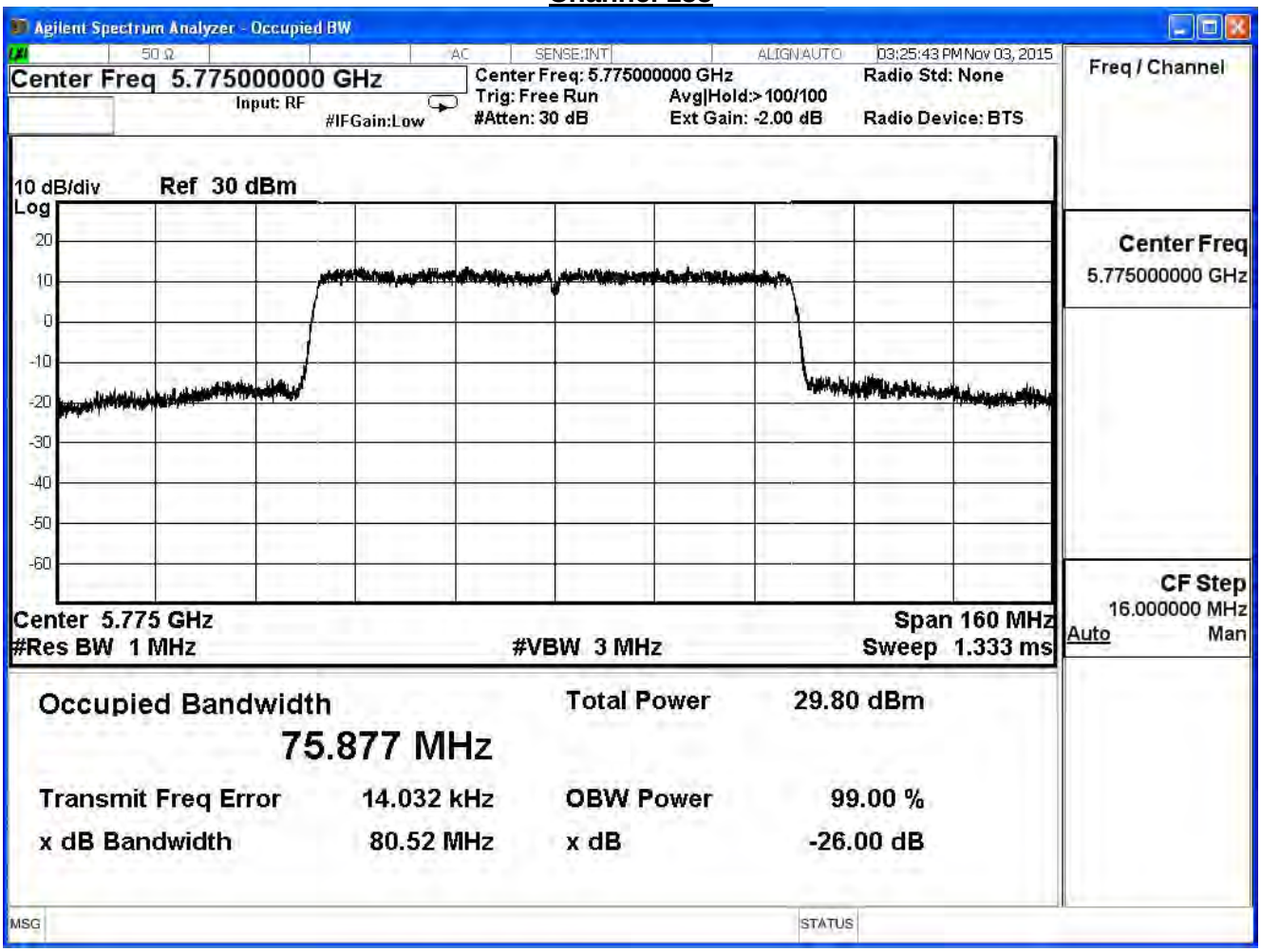
Channel 155



Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11ac (80MHz) (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	75.877	--	Pass

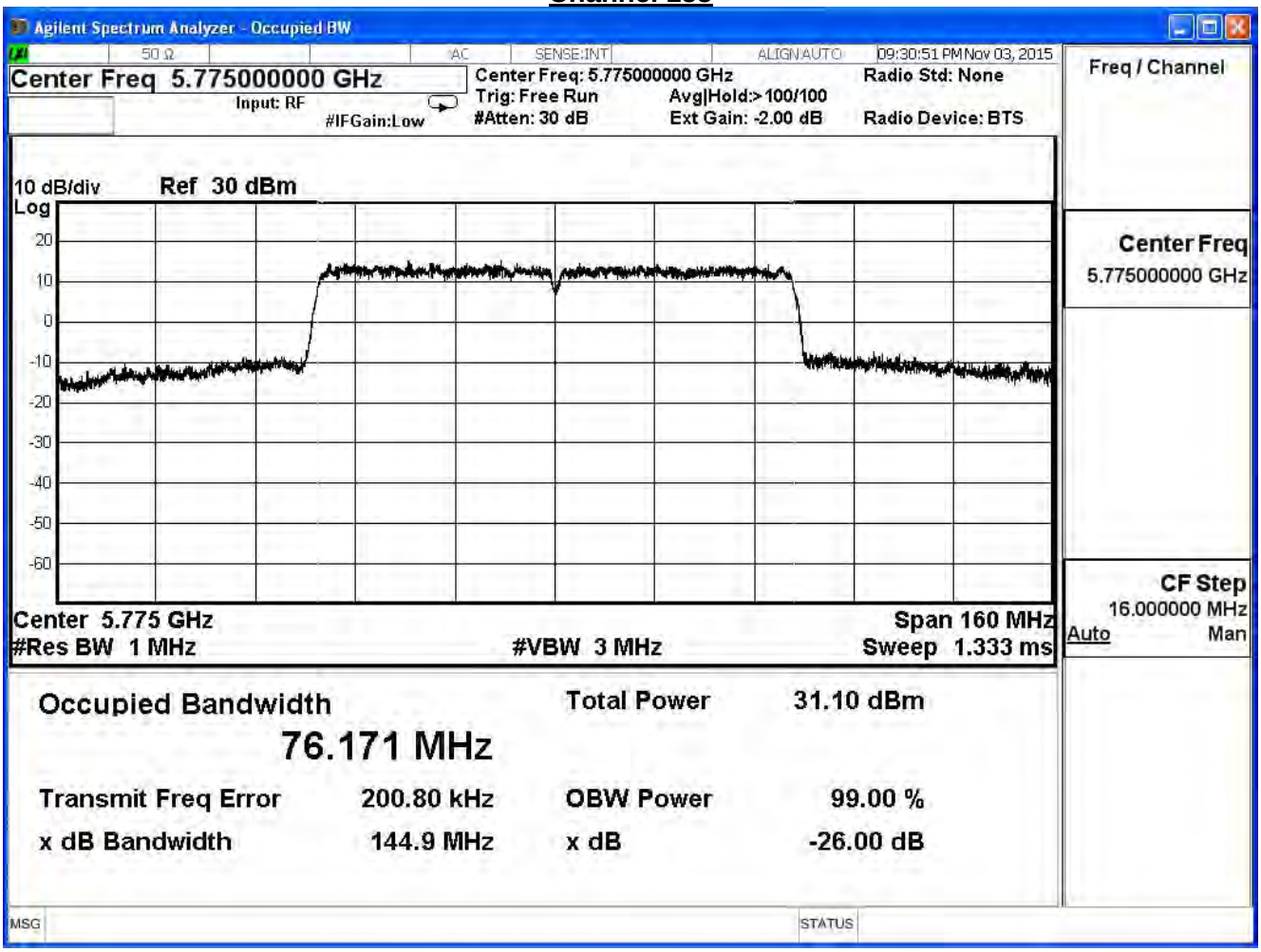
Channel 155



Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11ac (80MHz) (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	76.171	--	Pass

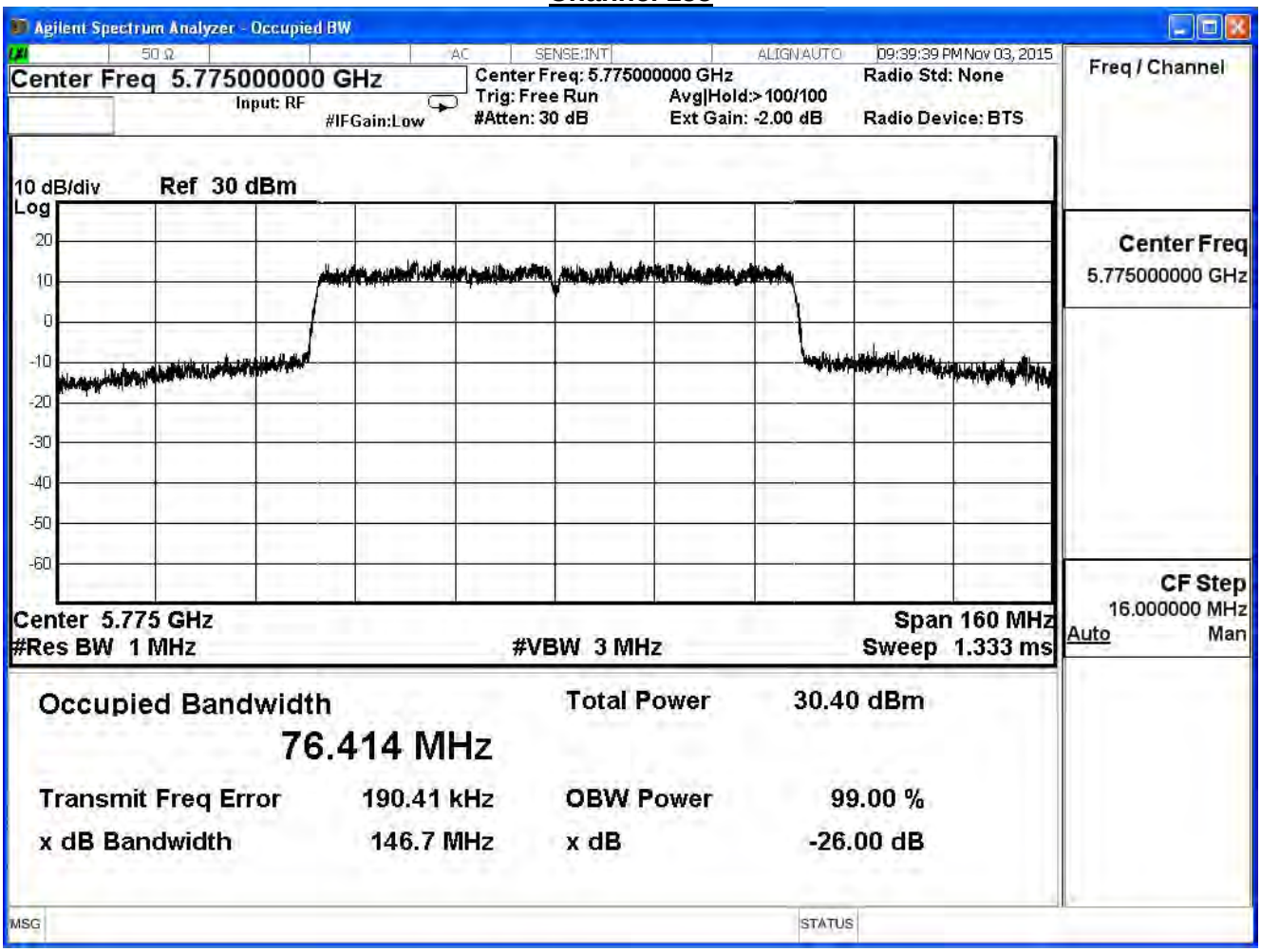
Channel 155



Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11ac (80MHz) (ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	76.414	--	Pass

Channel 155



9. Power Density

9.1. Test Equipment

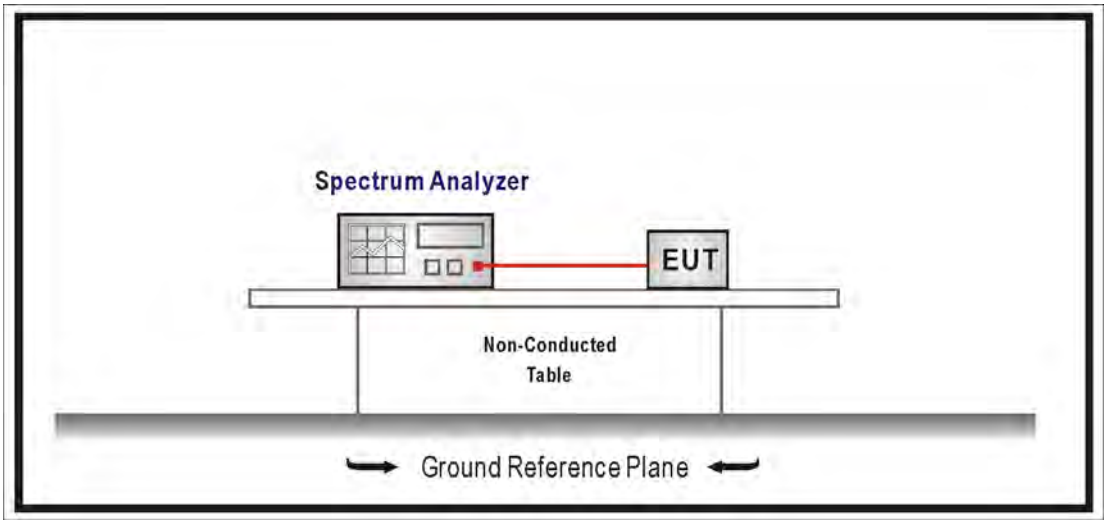
The following test equipment is used during the test:

Power Density / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2016/07/13

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

9.2. Test Setup



9.3. Limits

The peak power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8dBm in any 3kHz band during any time interval of continuous transmission.

9.4. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure section 10.2 of KDB558074 v03r02 for compliance to FCC 47CFR 15.247 requirements.
Set 3KHz ≦RBW≦100 kHz, Set VBW≧3xRBW, Sweep time=Auto, Set Peak detector;
The tested according to section E)c) of KDB662911 v02v01.

9.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2014

9.6. Uncertainty

The measurement uncertainty is defined as ±1.27dB.

9.7. Test Result

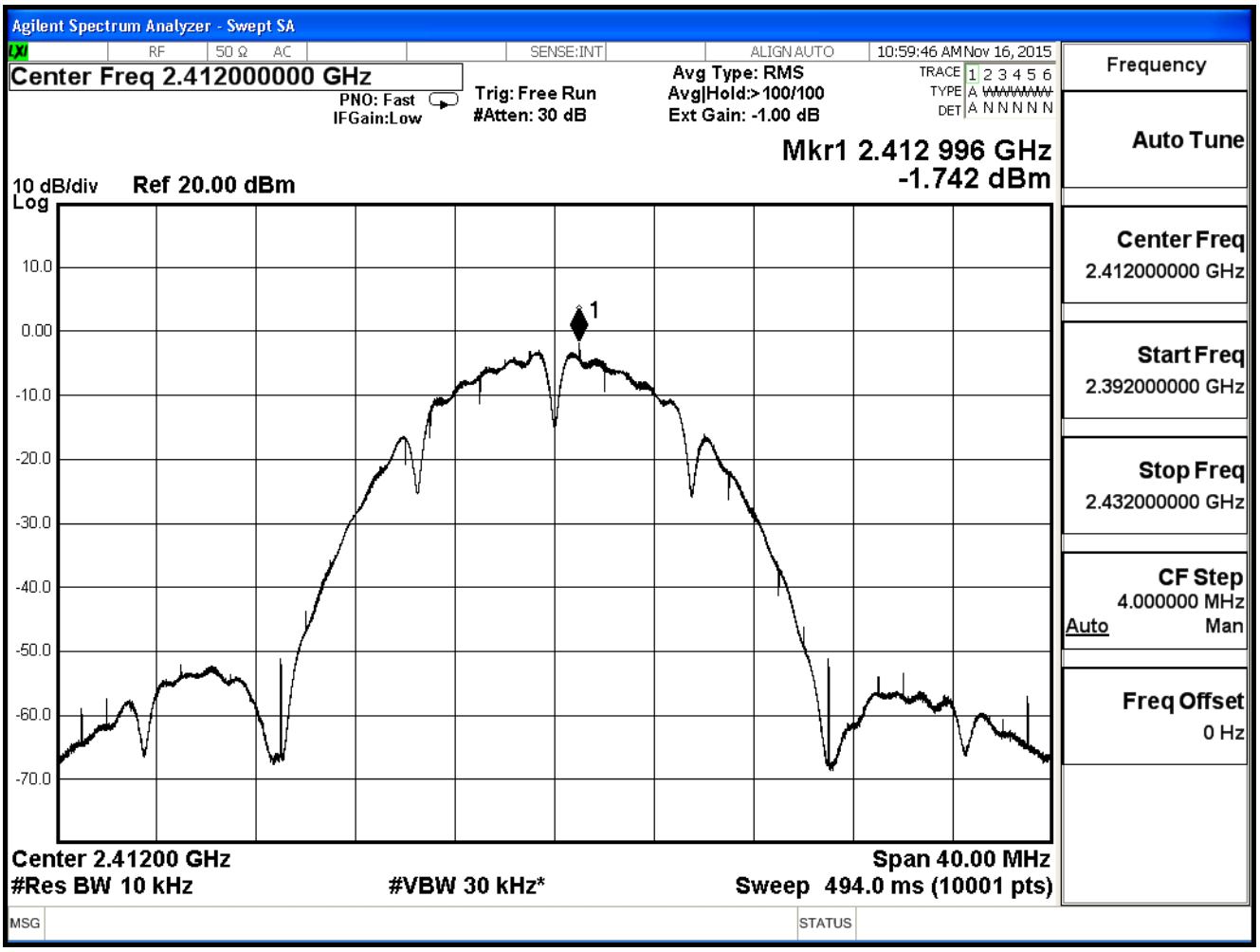
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11b (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-1.742	≦5.8	Pass
6	2437	-2.395	≦5.8	Pass
11	2462	-4.025	≦5.8	Pass

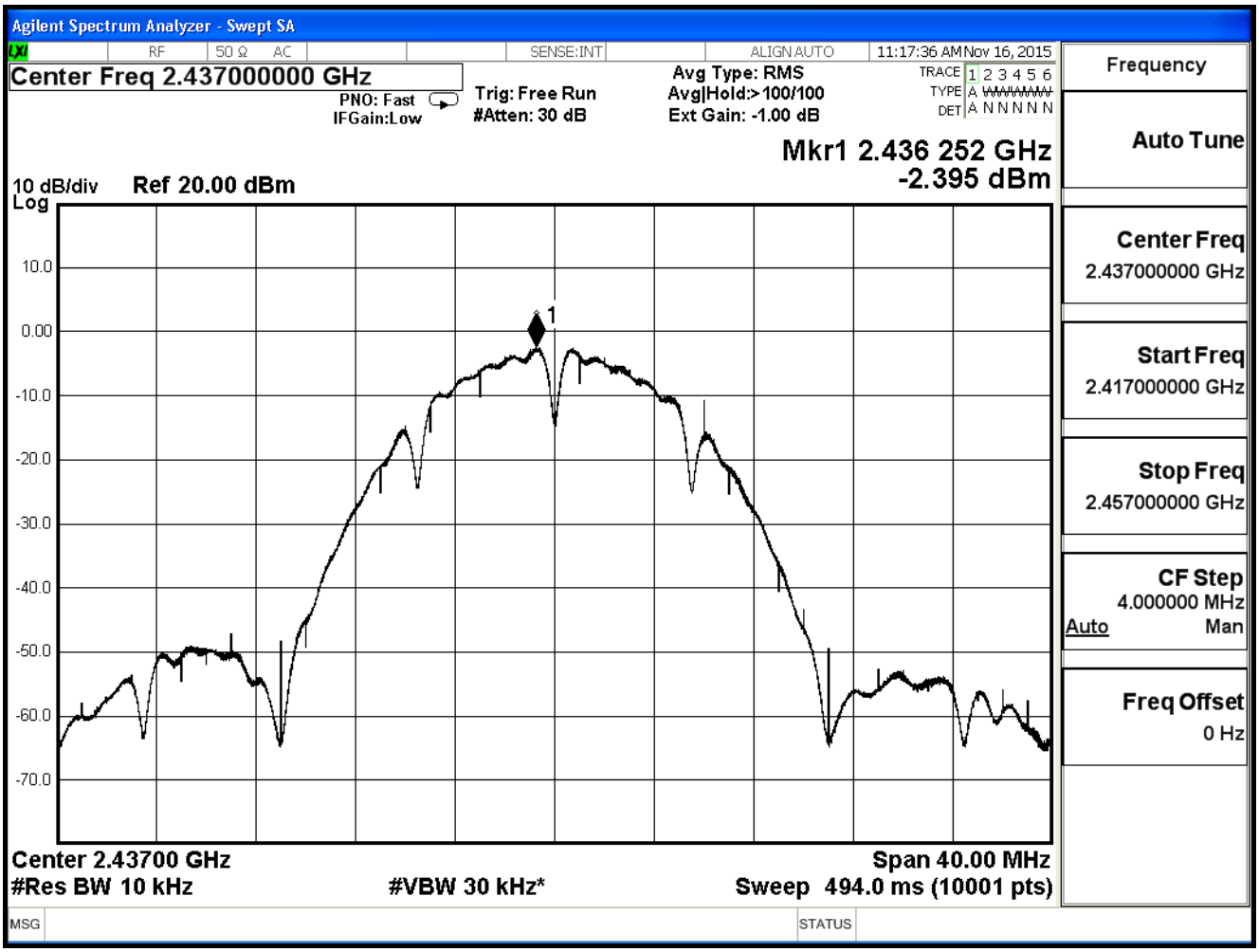
Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

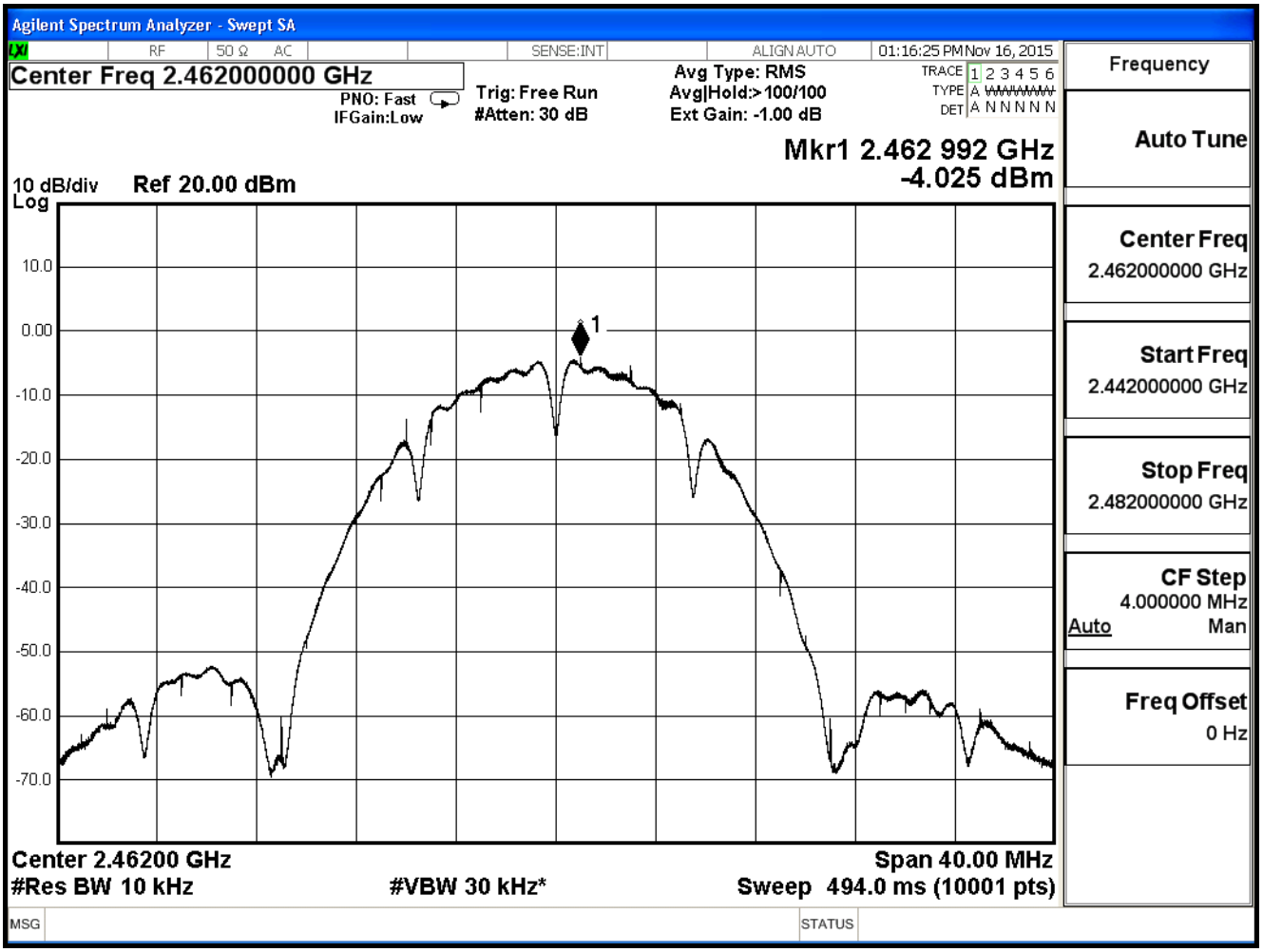
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
11:17:36 AM Nov 16, 2015
Center Freq 2.437000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.436 252 GHz
-2.395 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.43700 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.417000000 GHz
Stop Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 11


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
01:16:25 PM Nov 16, 2015
Center Freq 2.462000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.462 992 GHz
-4.025 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.46200 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.462000000 GHz
Start Freq
2.442000000 GHz
Stop Freq
2.482000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

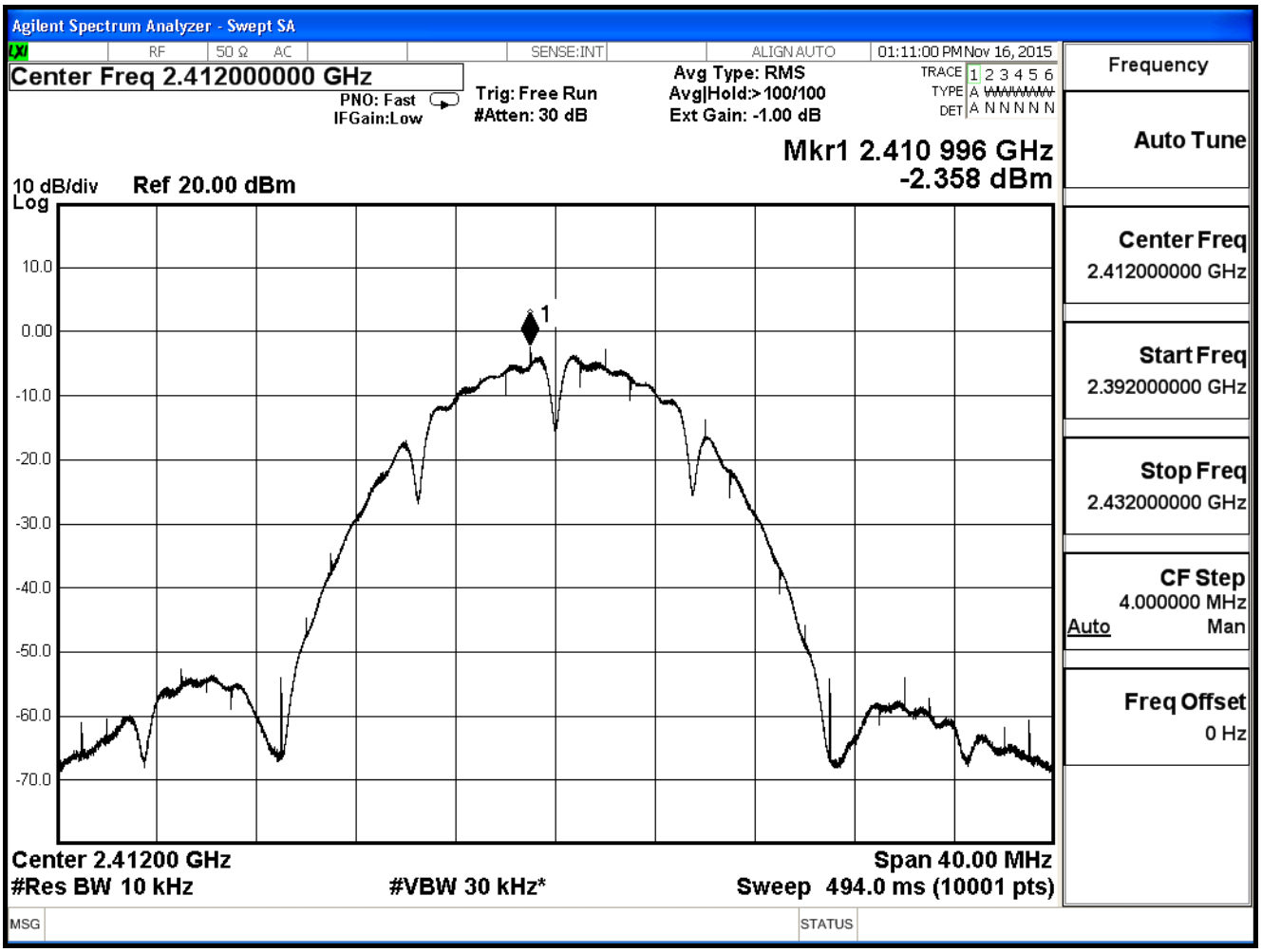
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11b (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-2.358	≦5.8	Pass
6	2437	-2.822	≦5.8	Pass
11	2462	-4.164	≦5.8	Pass

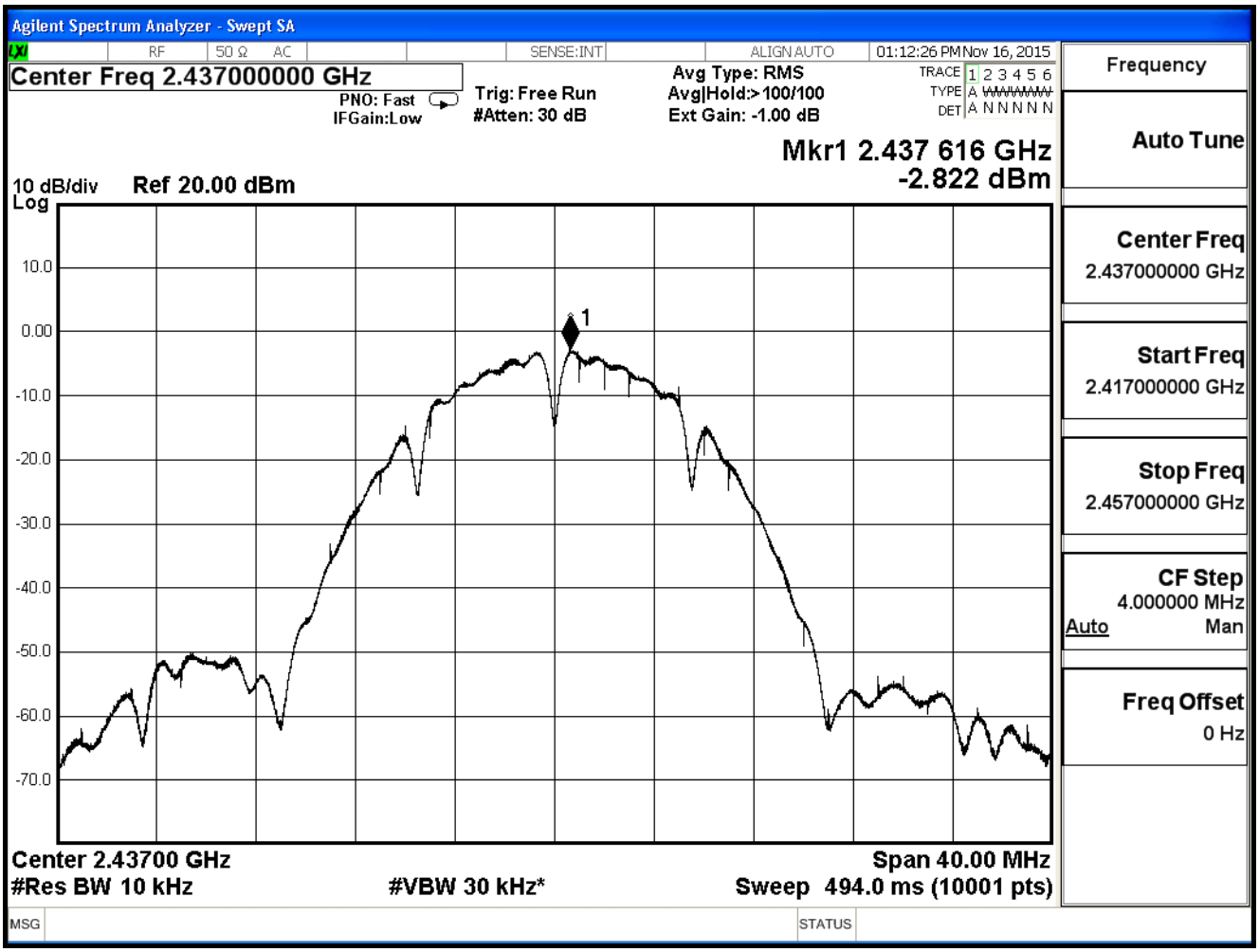
Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

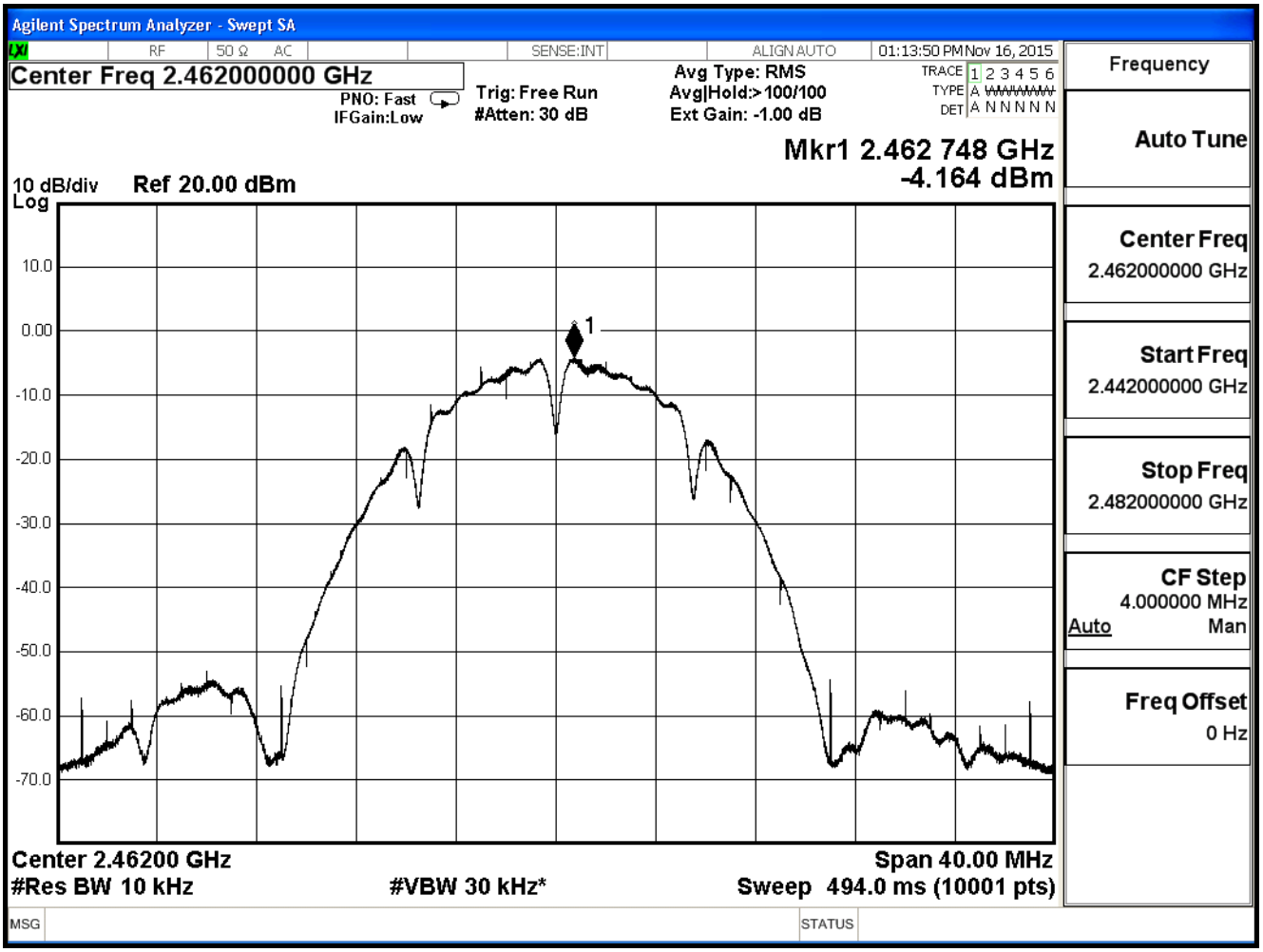
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
01:12:26 PM Nov 16, 2015
Center Freq 2.437000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.437 616 GHz
-2.822 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.43700 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.417000000 GHz
Stop Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 11


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
01:13:50 PM Nov 16, 2015
Center Freq 2.462000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.462 748 GHz
-4.164 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.46200 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.462000000 GHz
Start Freq
2.442000000 GHz
Stop Freq
2.482000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

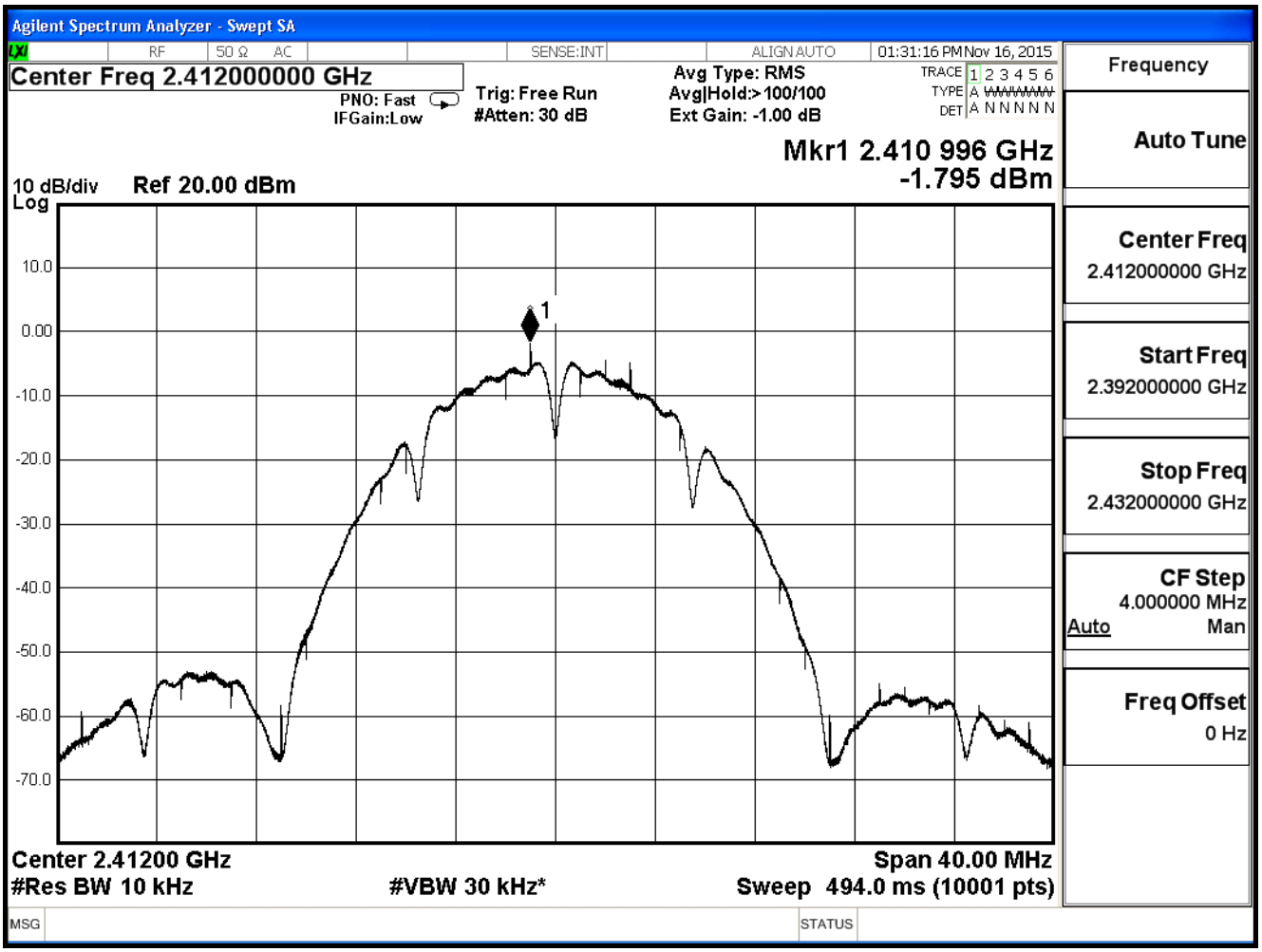
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11b (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-1.795	≦5.8	Pass
6	2437	-2.229	≦5.8	Pass
11	2462	-4.057	≦5.8	Pass

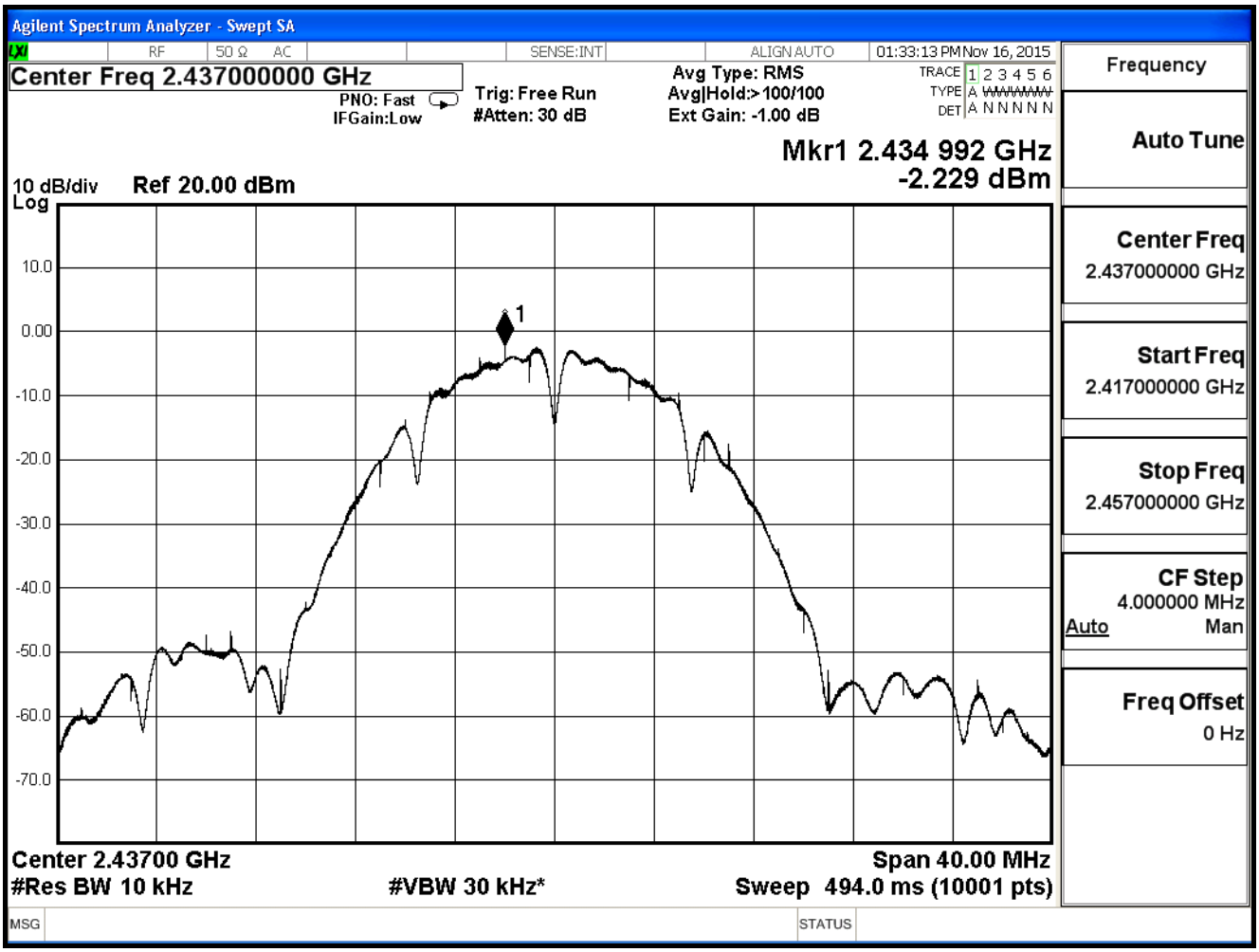
Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

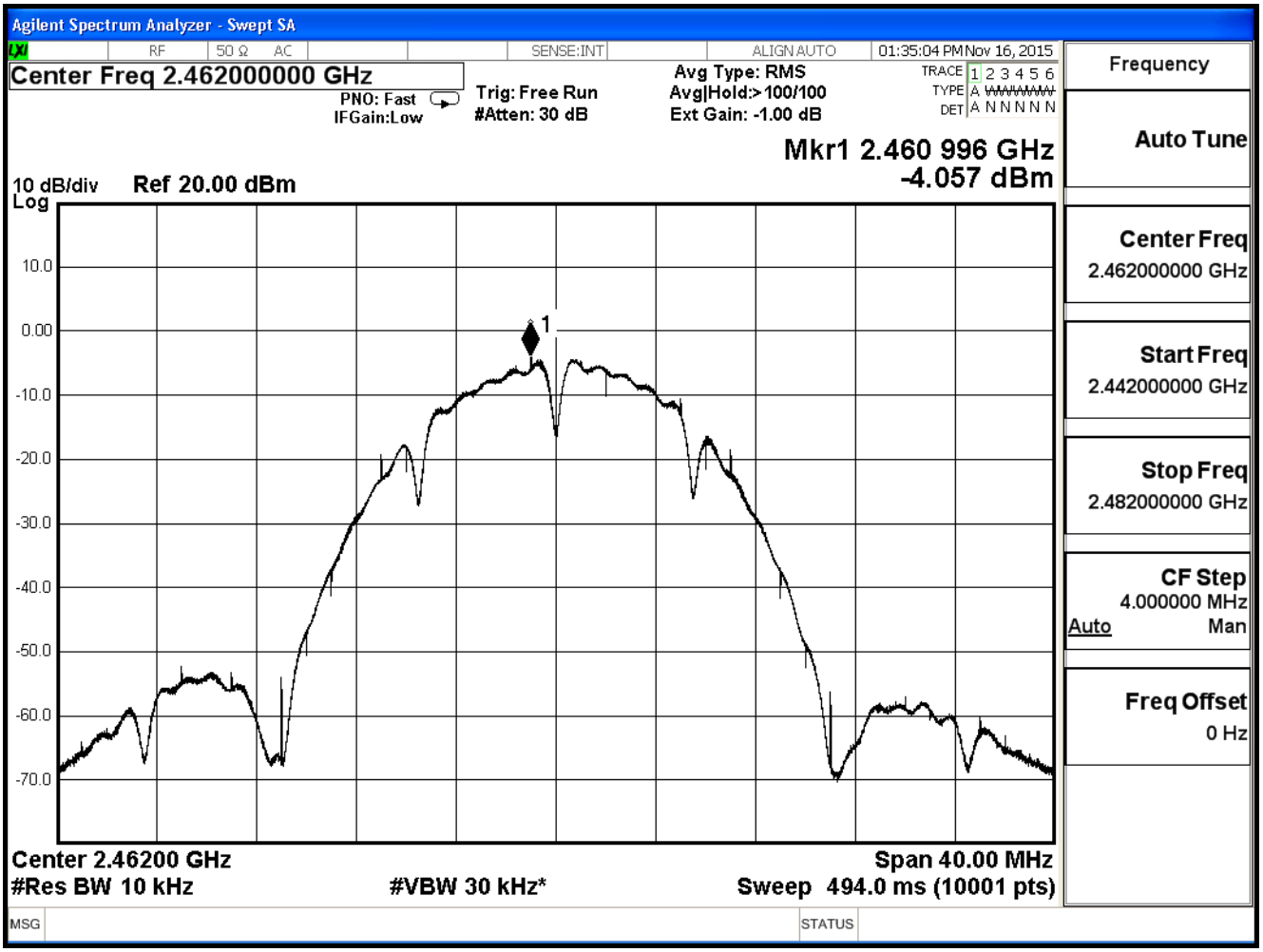
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
01:33:13 PM Nov 16, 2015
Center Freq 2.437000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.434 992 GHz
-2.229 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.43700 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.417000000 GHz
Stop Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 11


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
01:35:04 PM Nov 16, 2015
Center Freq 2.462000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.460 996 GHz
-4.057 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.46200 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.462000000 GHz
Start Freq
2.442000000 GHz
Stop Freq
2.482000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

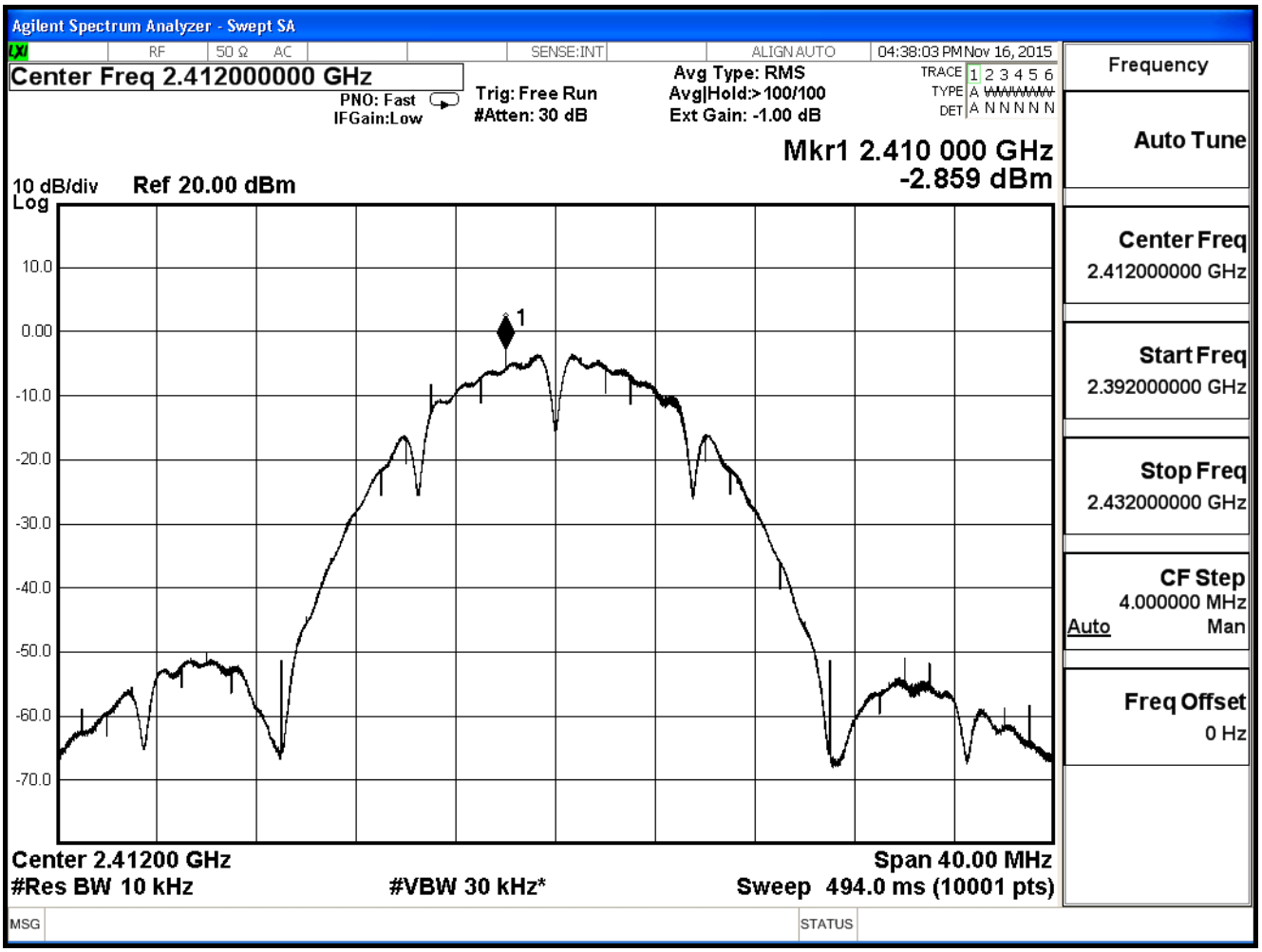
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11b (ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-2.859	≦5.8	Pass
6	2437	-2.415	≦5.8	Pass
11	2462	-4.315	≦5.8	Pass

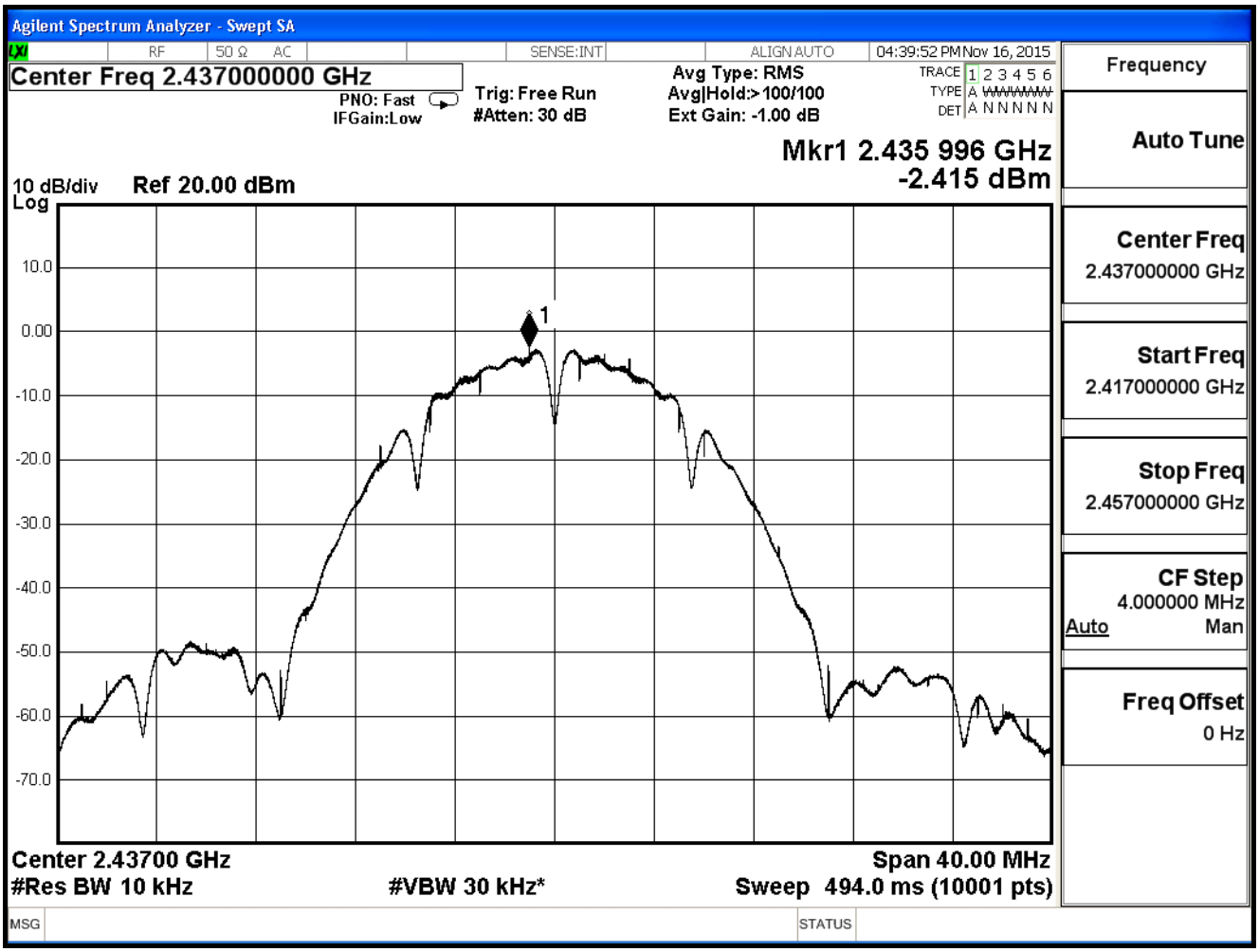
Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

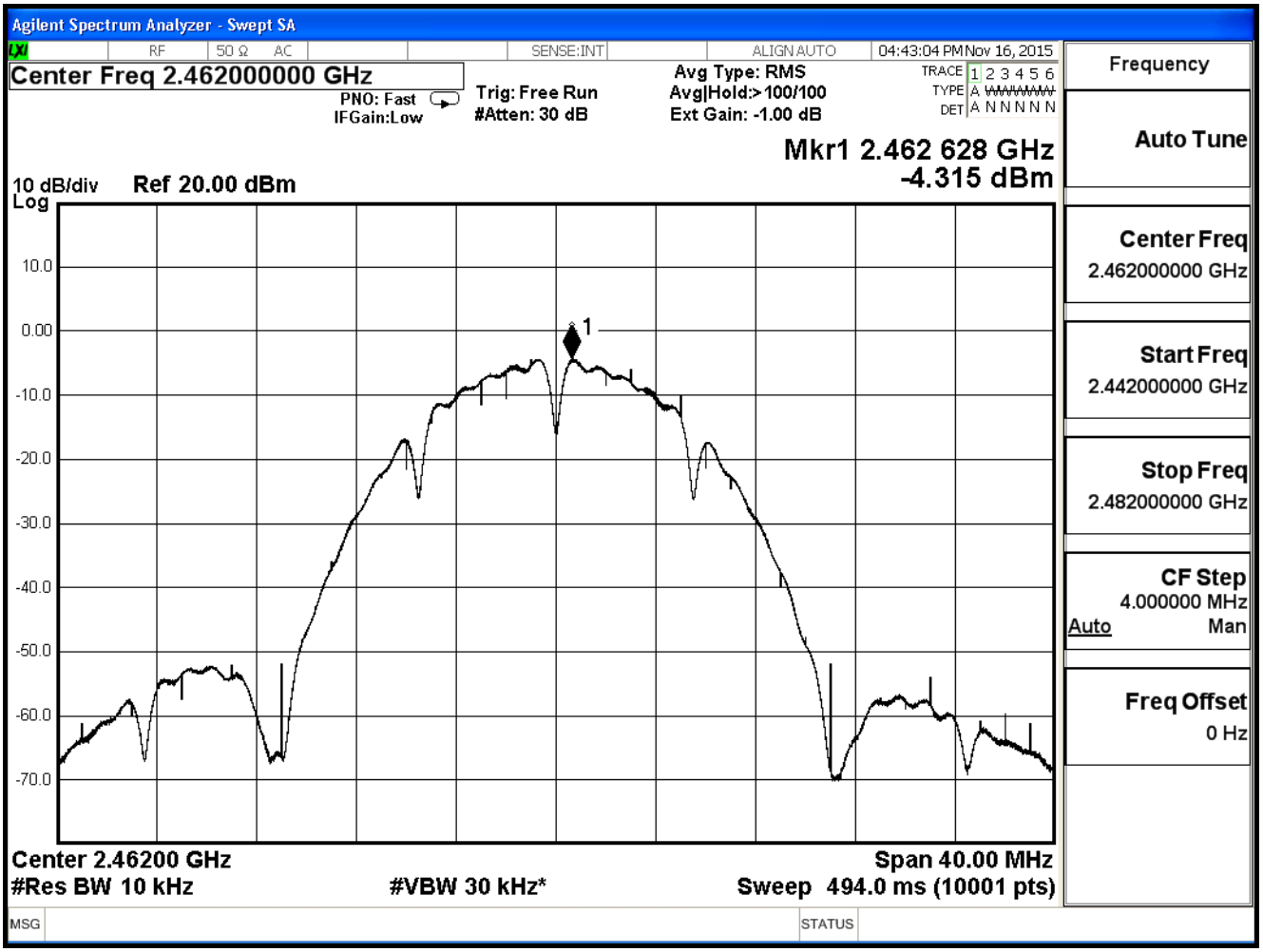
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
04:39:52 PM Nov 16, 2015
Center Freq 2.437000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.435 996 GHz
-2.415 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.43700 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.417000000 GHz
Stop Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 11


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
04:43:04 PM Nov 16, 2015
Center Freq 2.462000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.462 628 GHz
-4.315 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.46200 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.462000000 GHz
Start Freq
2.442000000 GHz
Stop Freq
2.482000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11b (ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	3.86	≦5.8	Pass
6	2437	3.56	≦5.8	Pass
11	2462	1.88	≦5.8	Pass

Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

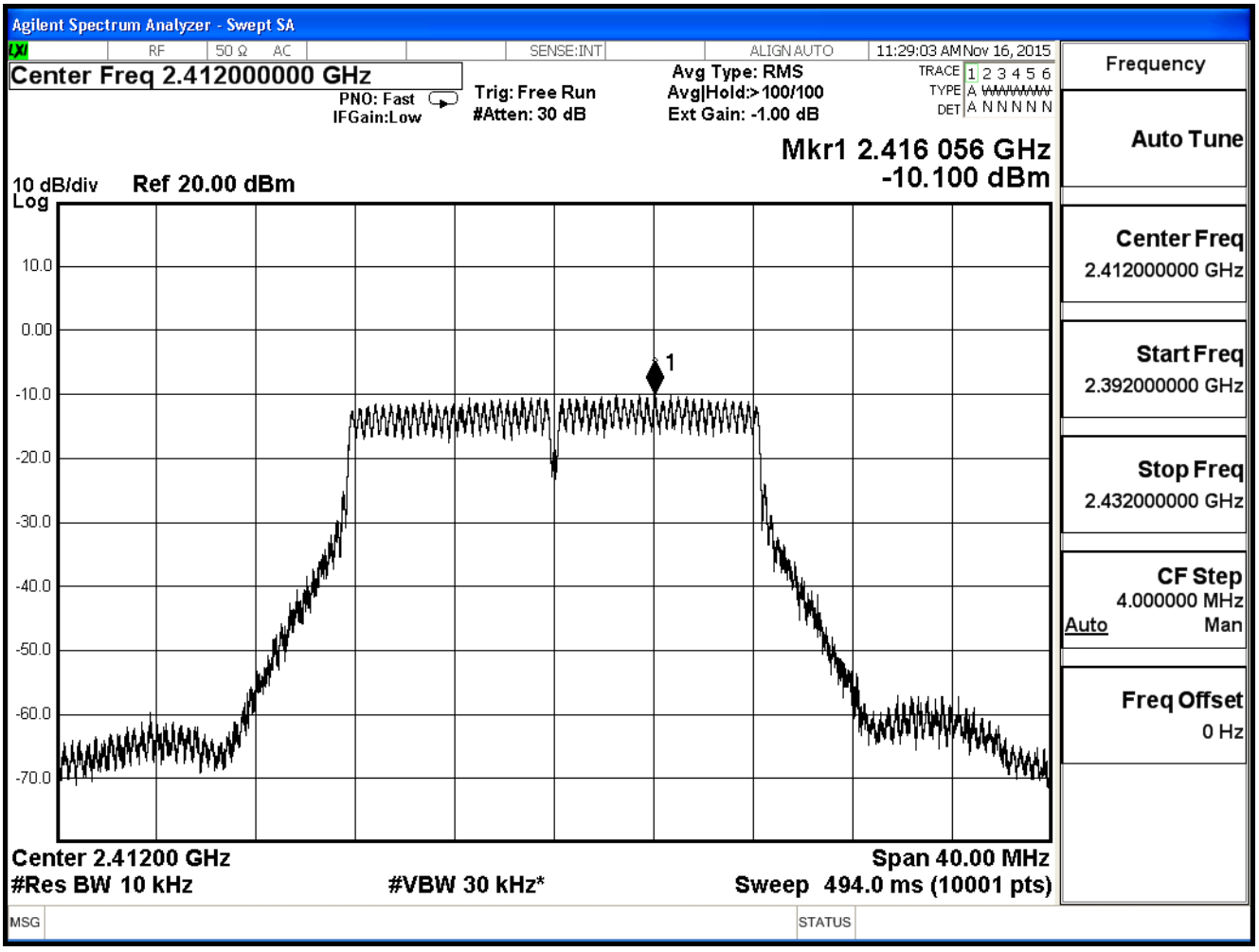
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11g (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-10.100	≦5.8	Pass
6	2437	-4.772	≦5.8	Pass
11	2462	-10.521	≦5.8	Pass

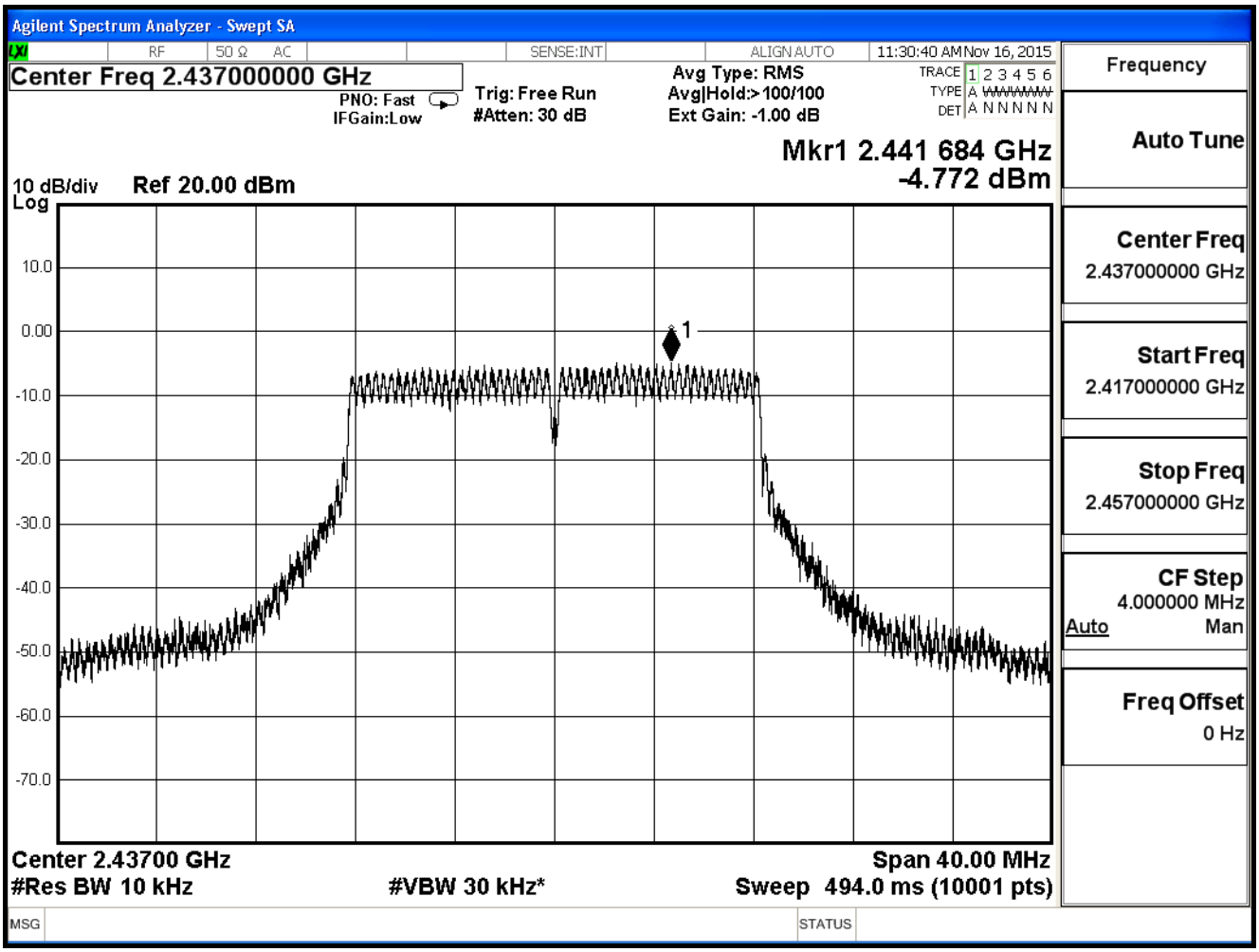
Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

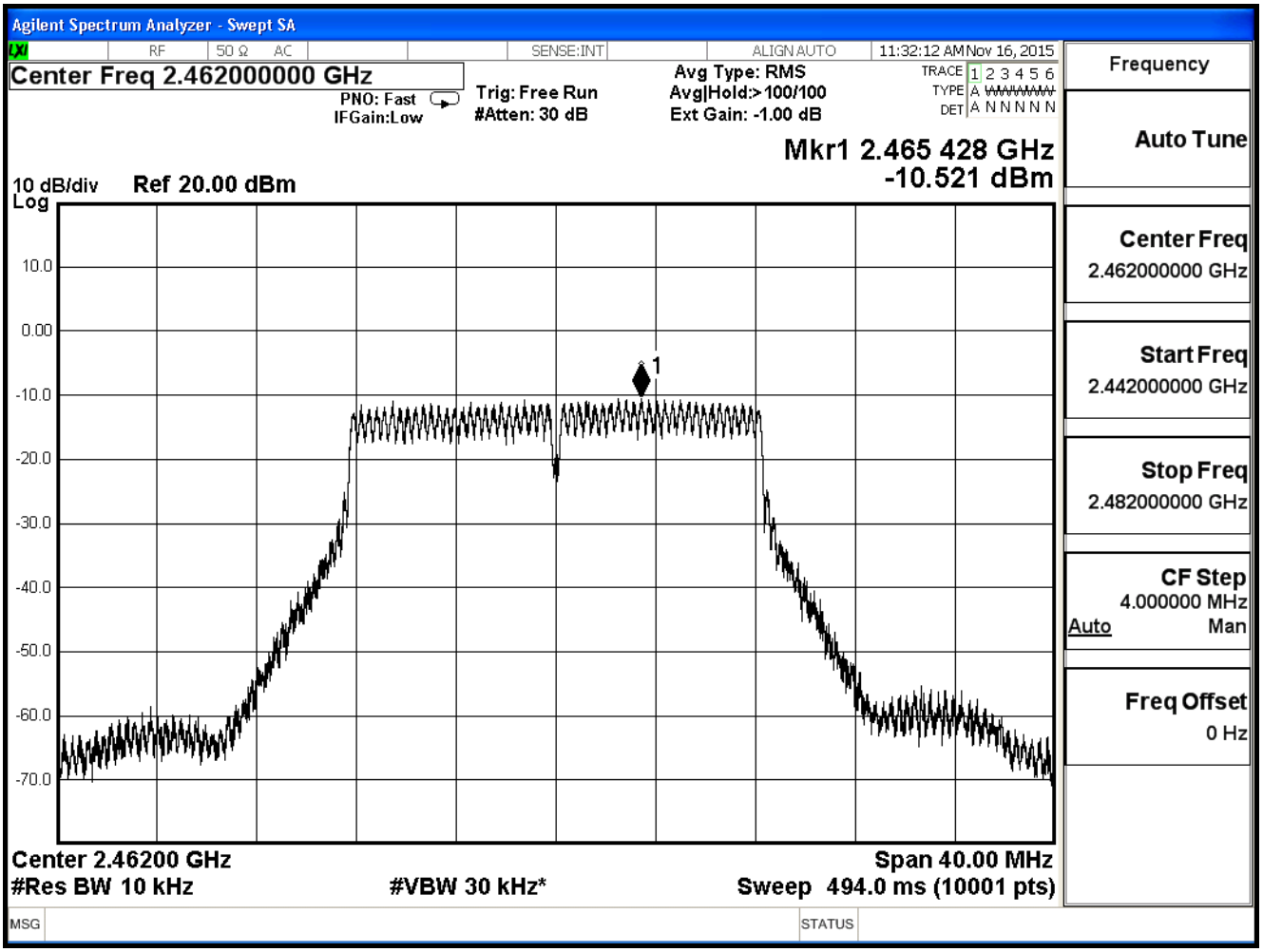
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
11:30:40 AM Nov 16, 2015
Center Freq 2.437000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.441 684 GHz
-4.772 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.43700 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.417000000 GHz
Stop Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 11


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
11:32:12 AM Nov 16, 2015
Center Freq 2.462000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.465 428 GHz
-10.521 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.46200 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.462000000 GHz
Start Freq
2.442000000 GHz
Stop Freq
2.482000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

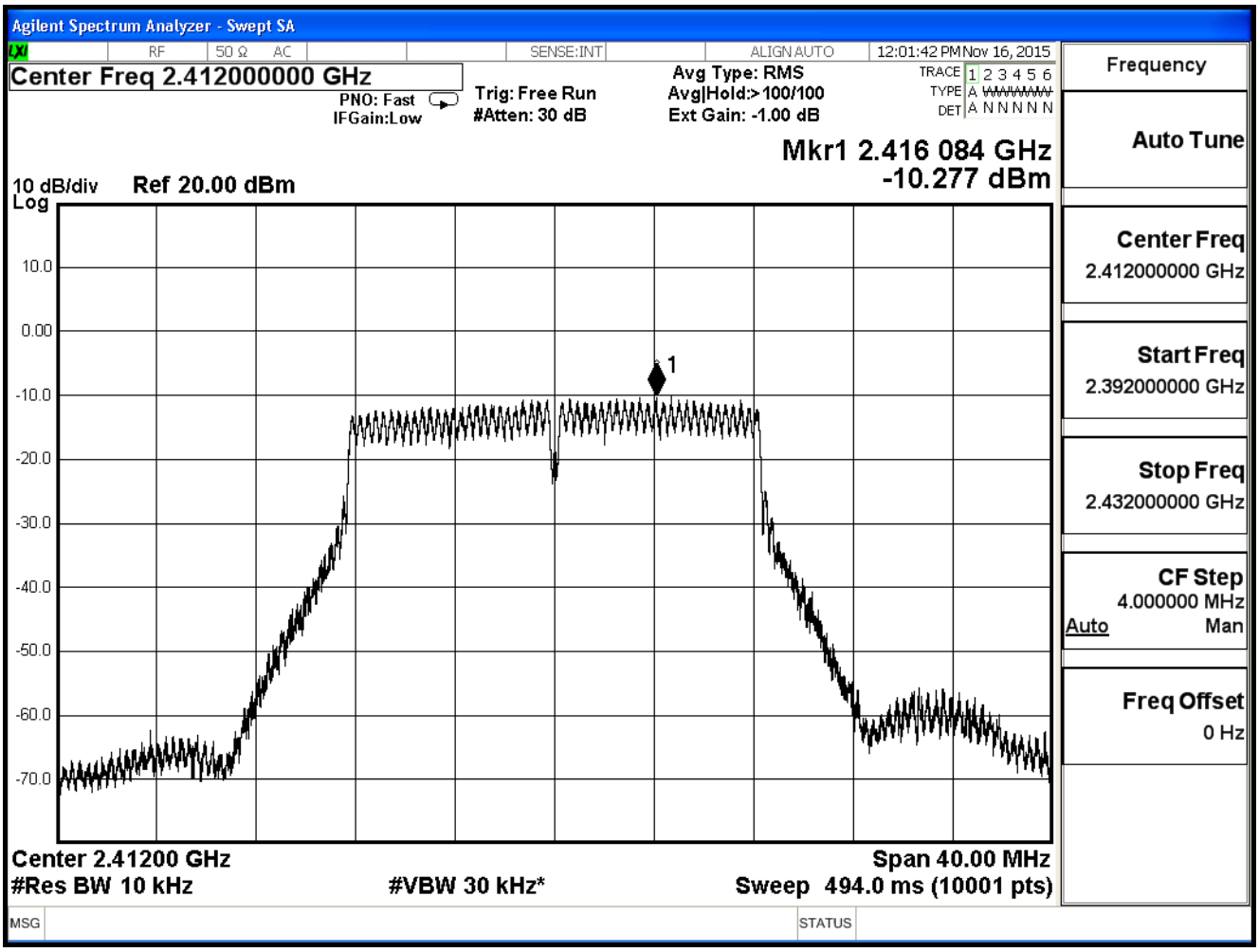
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11g (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-10.277	≦5.8	Pass
6	2437	-5.396	≦5.8	Pass
11	2462	-10.483	≦5.8	Pass

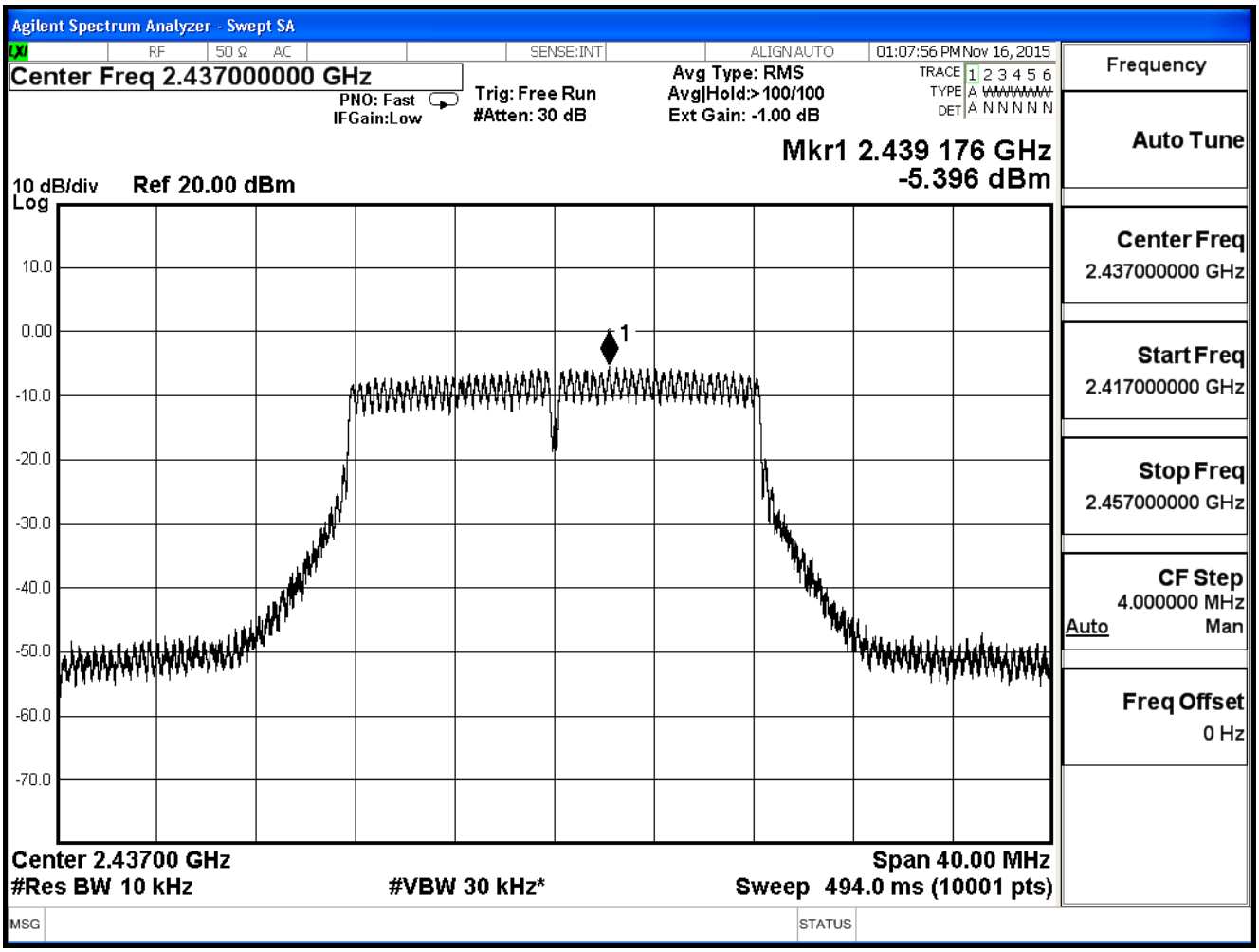
Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

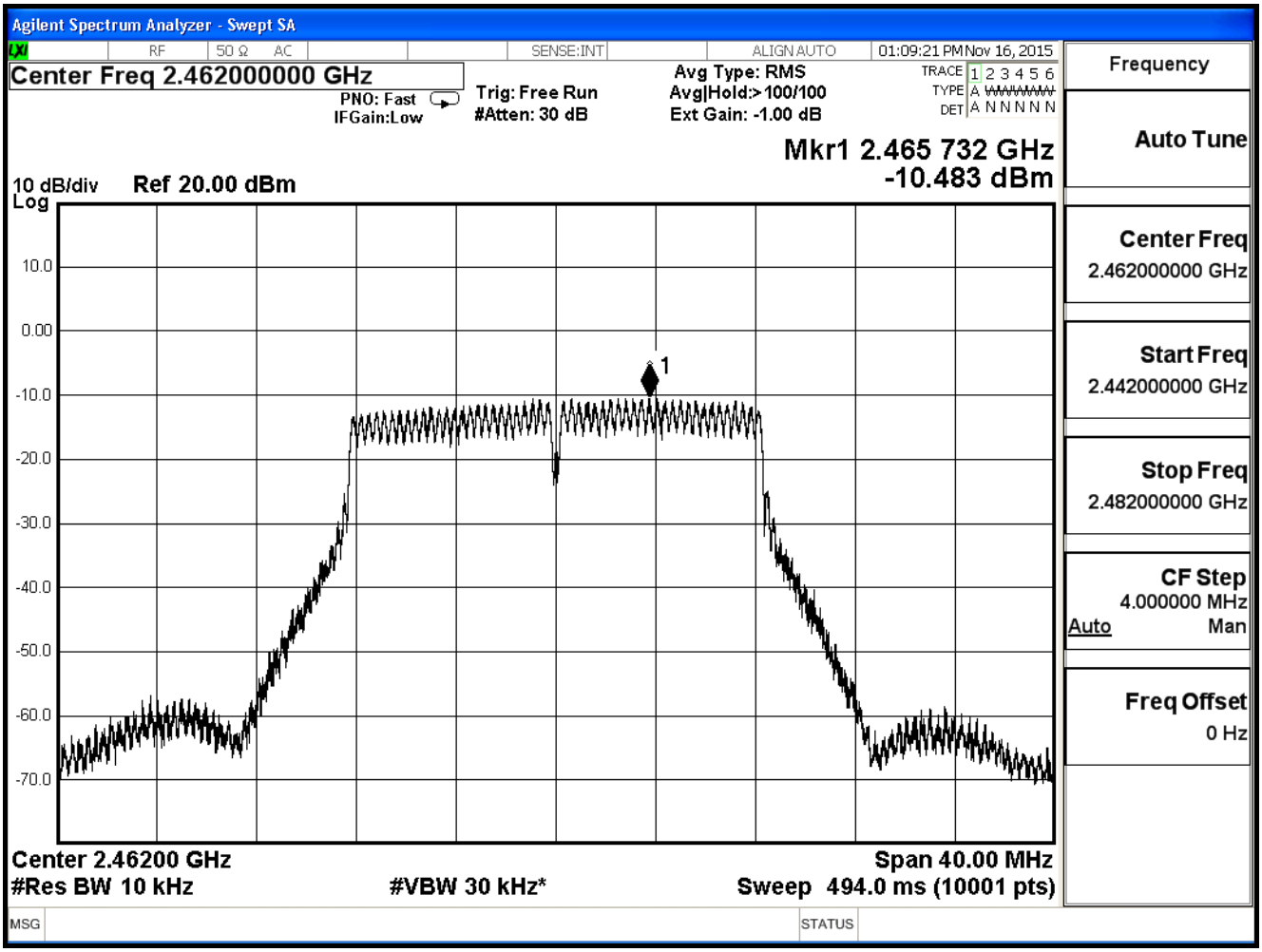
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
01:07:56 PM Nov 16, 2015
Center Freq 2.437000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.439 176 GHz
-5.396 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.43700 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.417000000 GHz
Stop Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 11


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
01:09:21 PM Nov 16, 2015
Center Freq 2.462000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.465 732 GHz
-10.483 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.46200 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.462000000 GHz
Start Freq
2.442000000 GHz
Stop Freq
2.482000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

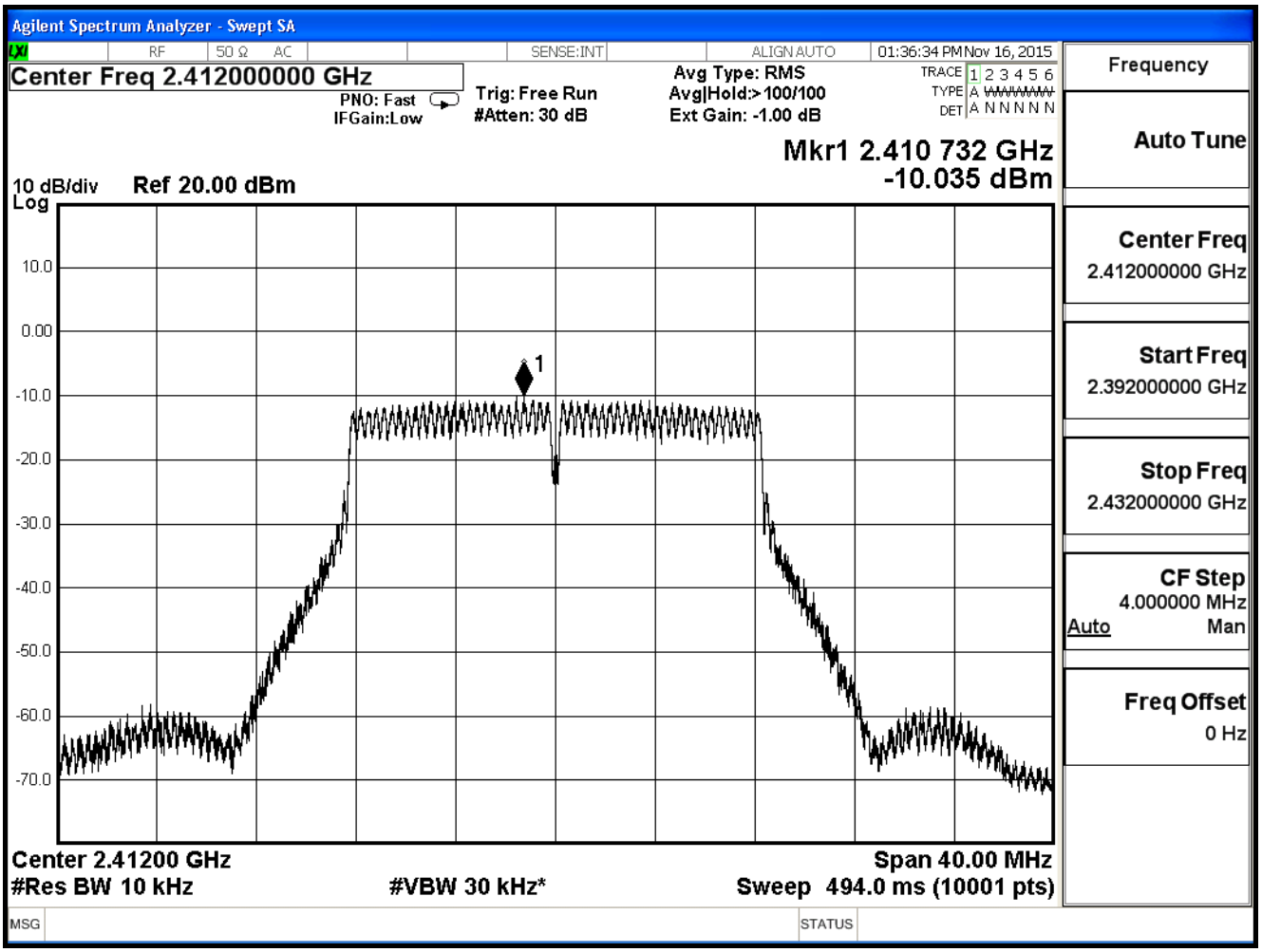
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11g (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-10.035	≦5.8	Pass
6	2437	-5.529	≦5.8	Pass
11	2462	-10.557	≦5.8	Pass

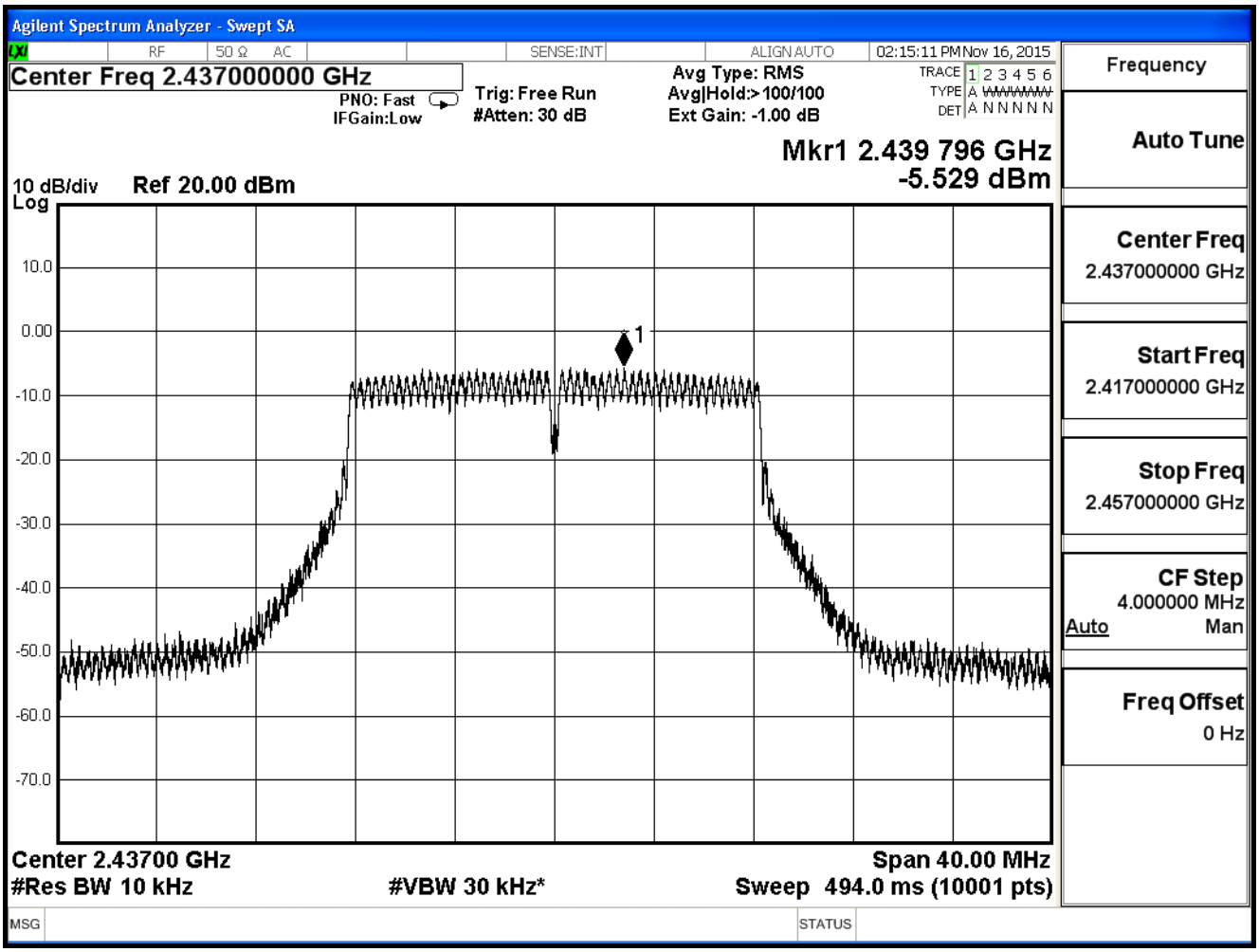
Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

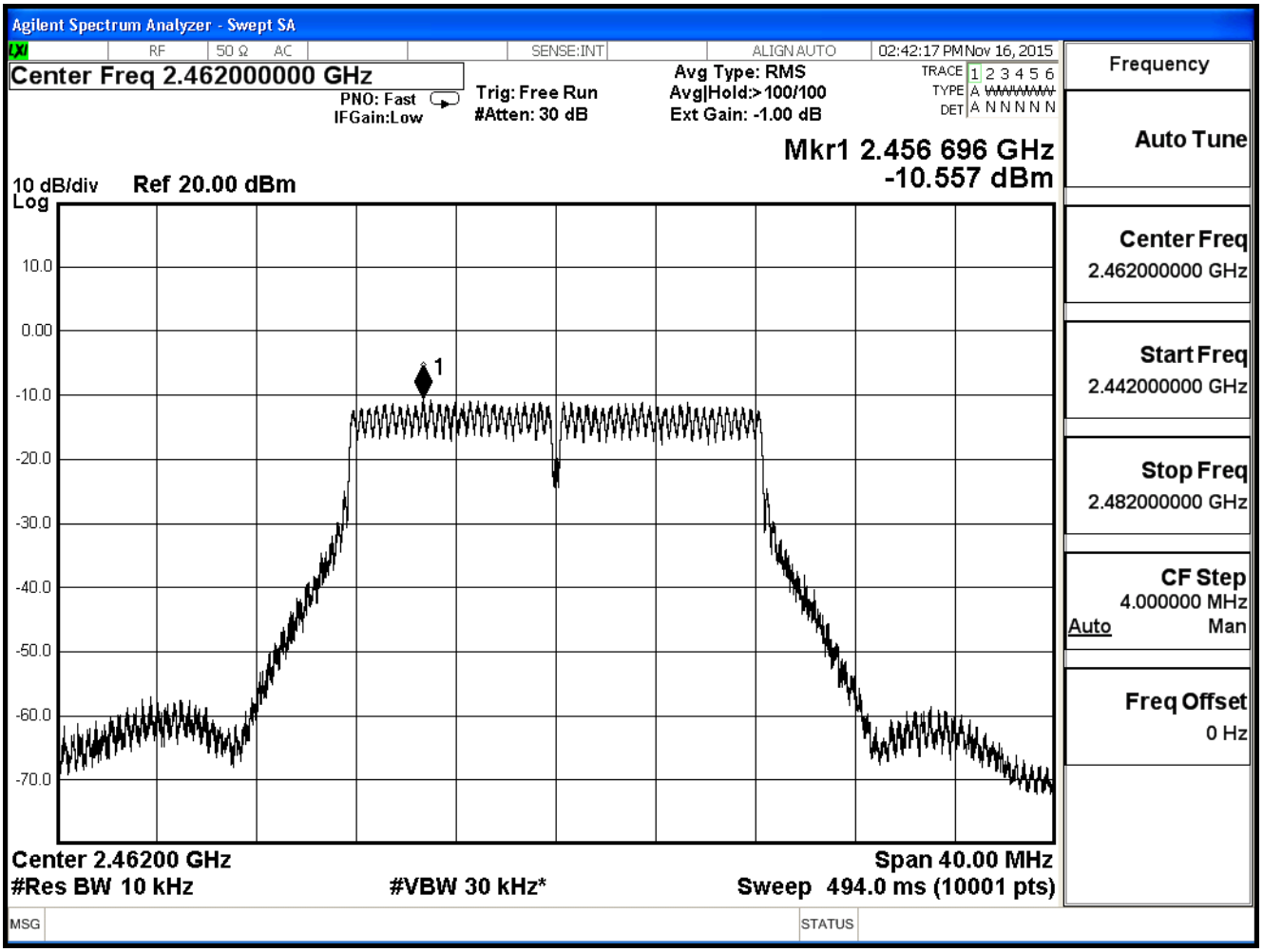
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
02:15:11 PM Nov 16, 2015
Center Freq 2.437000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.439 796 GHz
-5.529 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.43700 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.417000000 GHz
Stop Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 11


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
02:42:17 PM Nov 16, 2015
Center Freq 2.462000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.456 696 GHz
-10.557 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.46200 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.462000000 GHz
Start Freq
2.442000000 GHz
Stop Freq
2.482000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

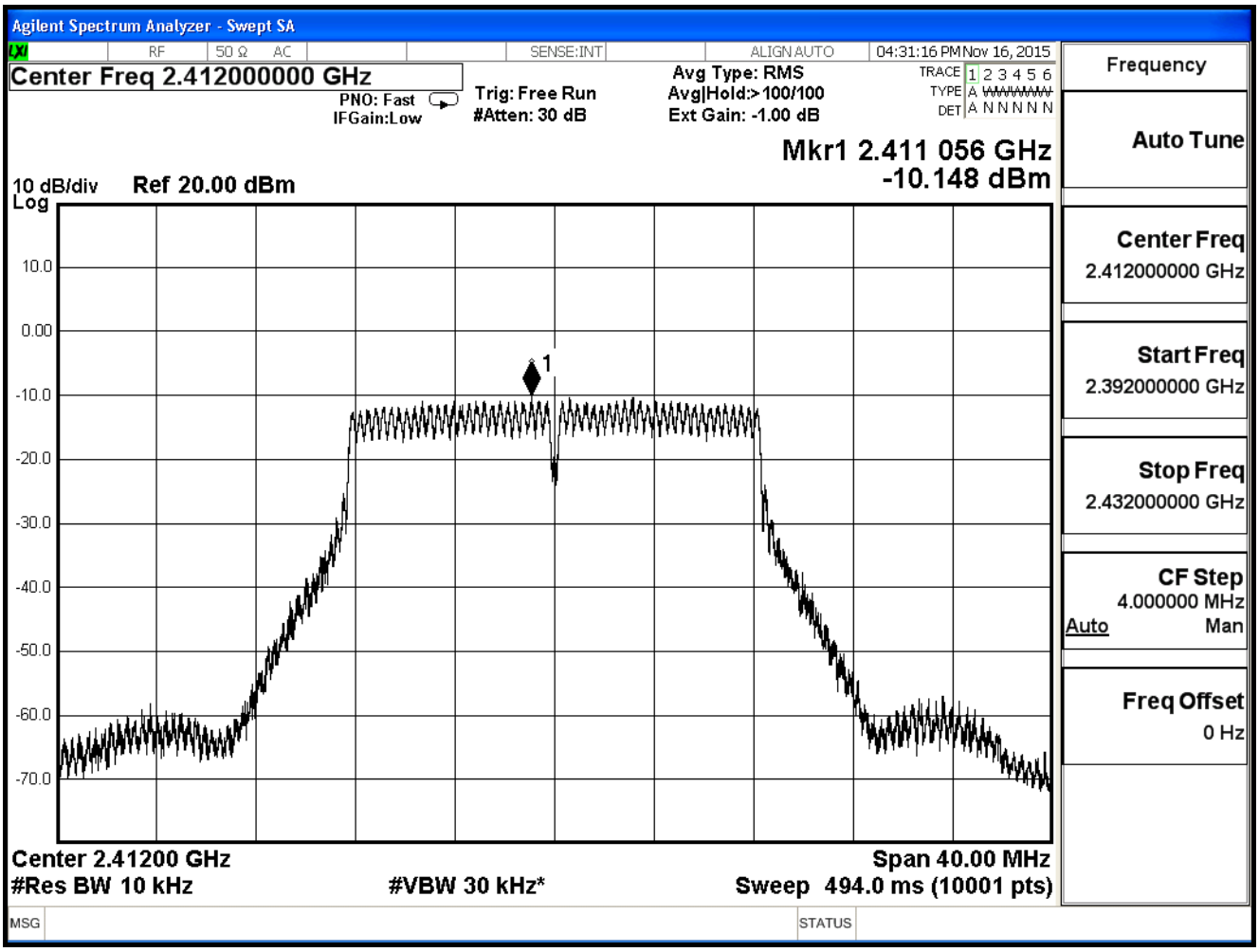
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11g (ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-10.148	≦5.8	Pass
6	2437	-5.409	≦5.8	Pass
11	2462	-10.794	≦5.8	Pass

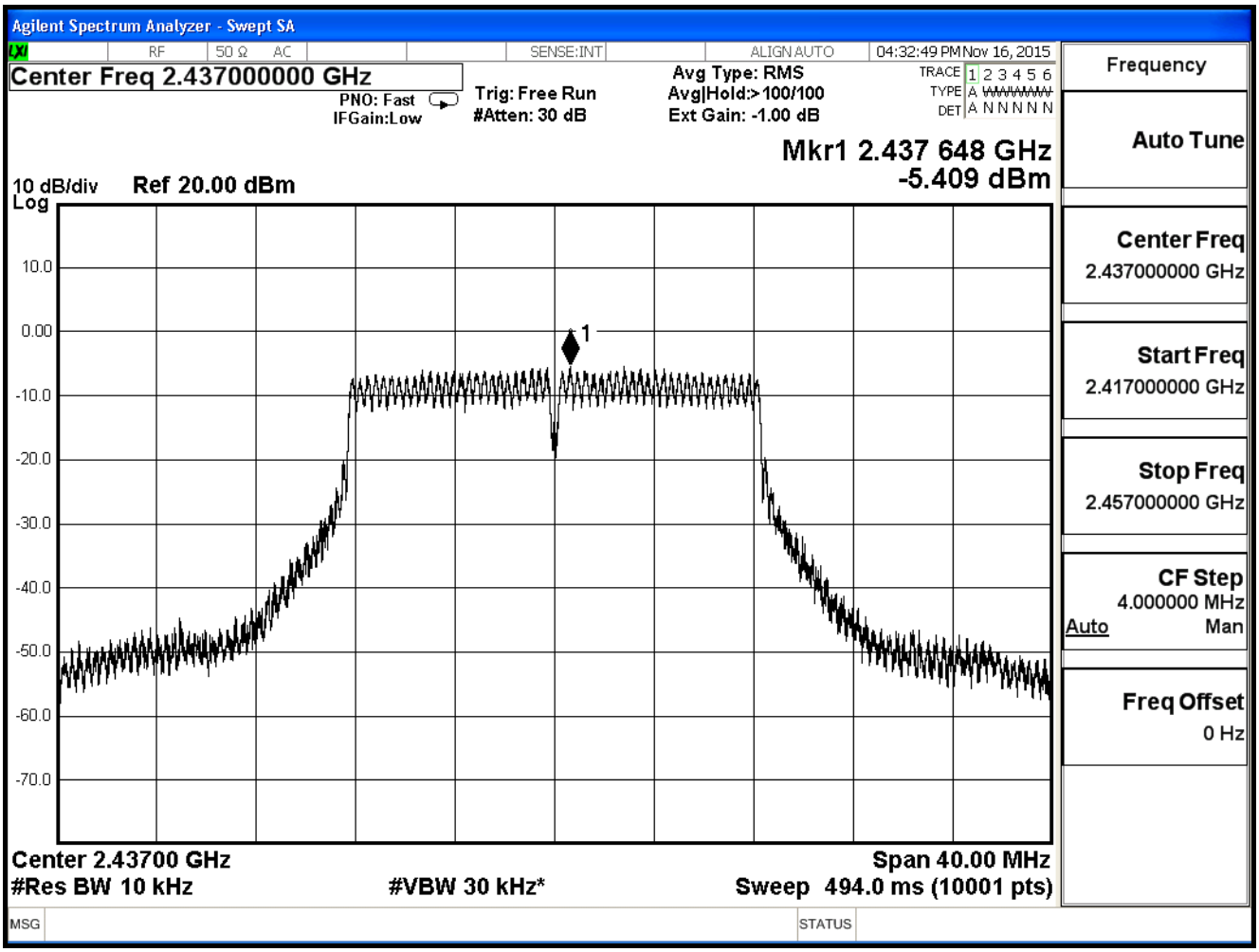
Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8dBm/MHz

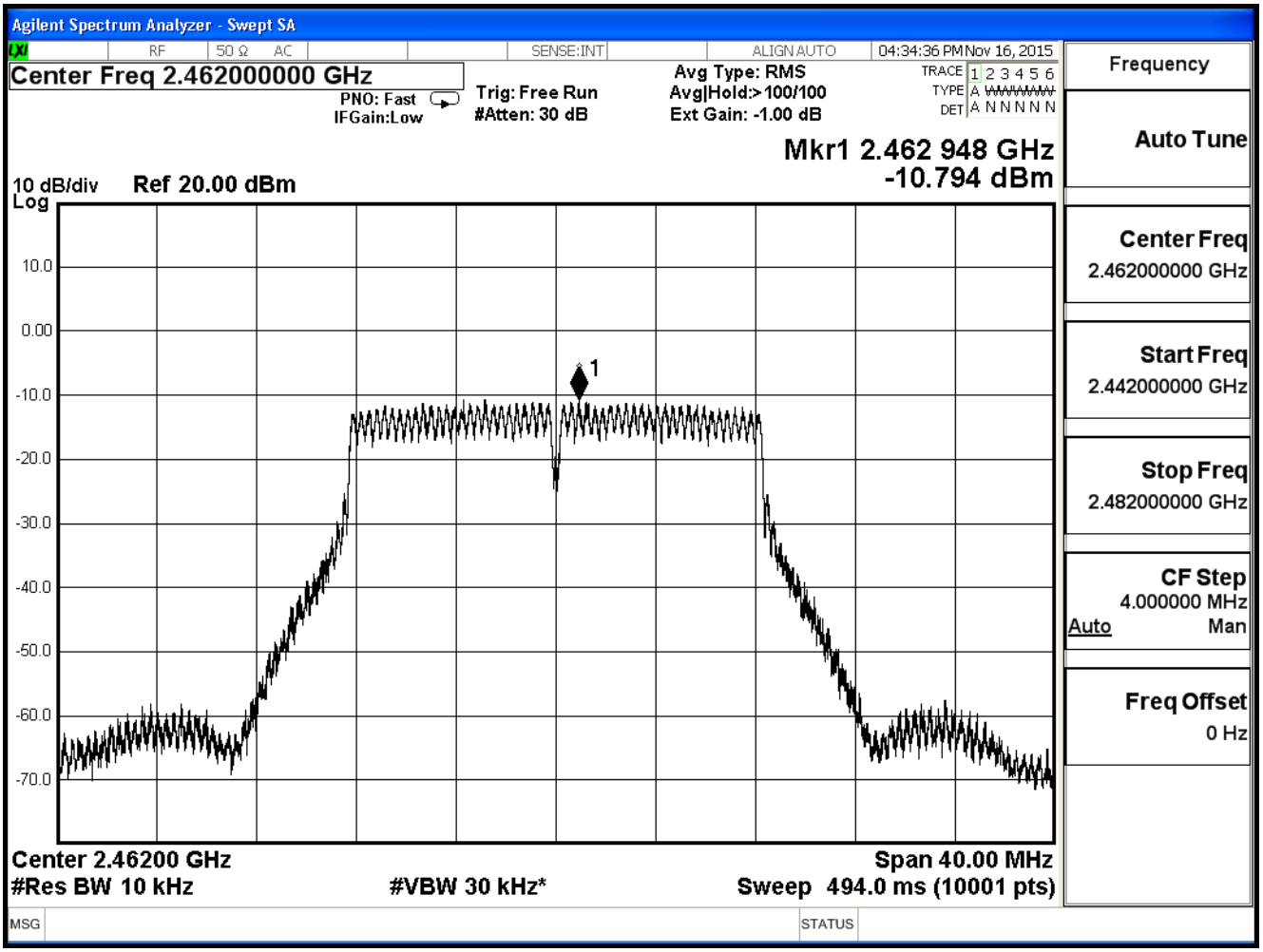
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
04:32:49 PM Nov 16, 2015
Center Freq 2.437000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.437 648 GHz
-5.409 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.43700 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.417000000 GHz
Stop Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 11


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
04:34:36 PM Nov 16, 2015
Center Freq 2.462000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.462 948 GHz
-10.794 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.46200 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.462000000 GHz
Start Freq
2.442000000 GHz
Stop Freq
2.482000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11g (ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-4.12	≦5.8	Pass
6	2437	0.75	≦5.8	Pass
11	2462	-4.57	≦5.8	Pass

Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

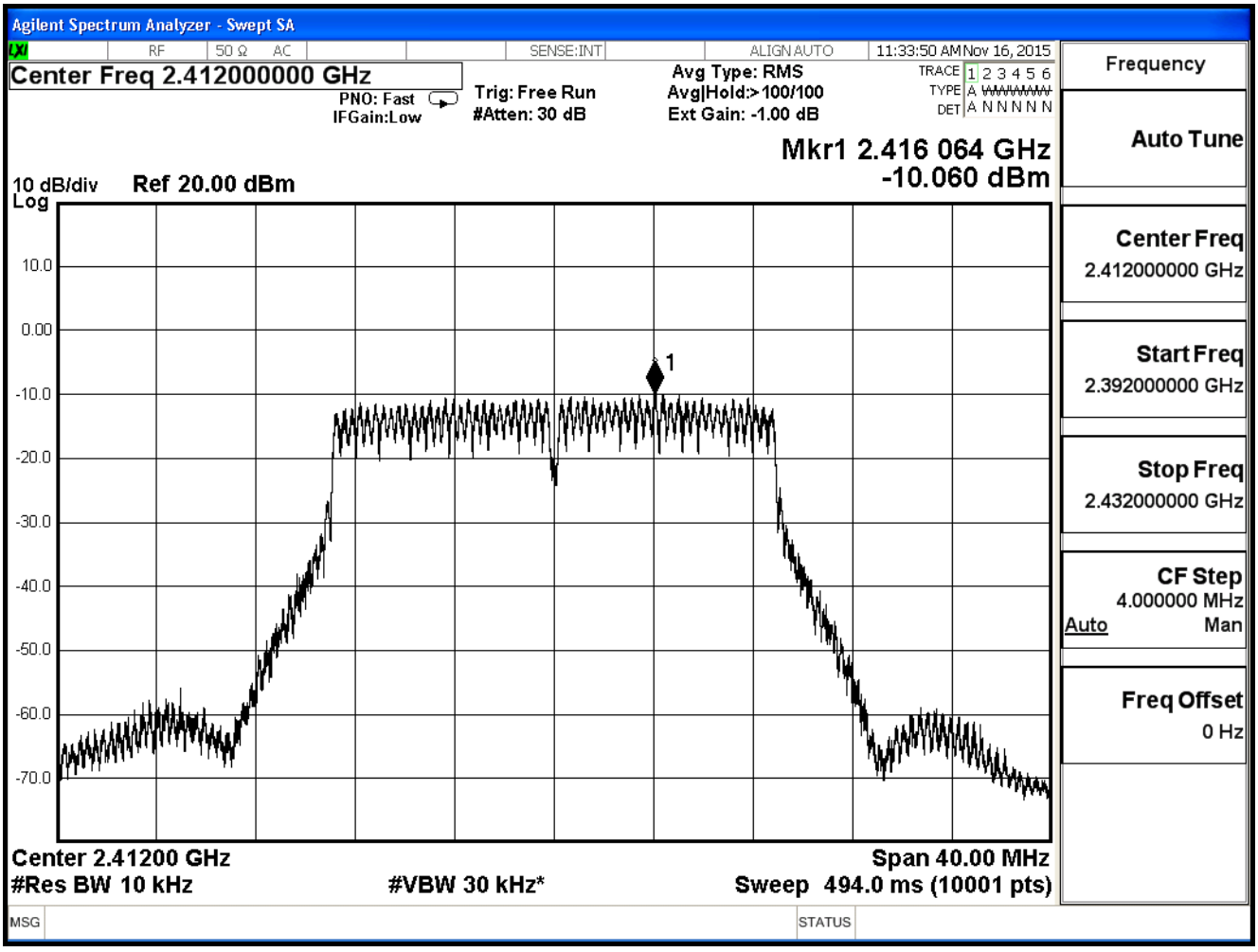
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11n_20M (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-10.060	≦5.8	Pass
6	2437	-5.264	≦5.8	Pass
11	2462	-9.486	≦5.8	Pass

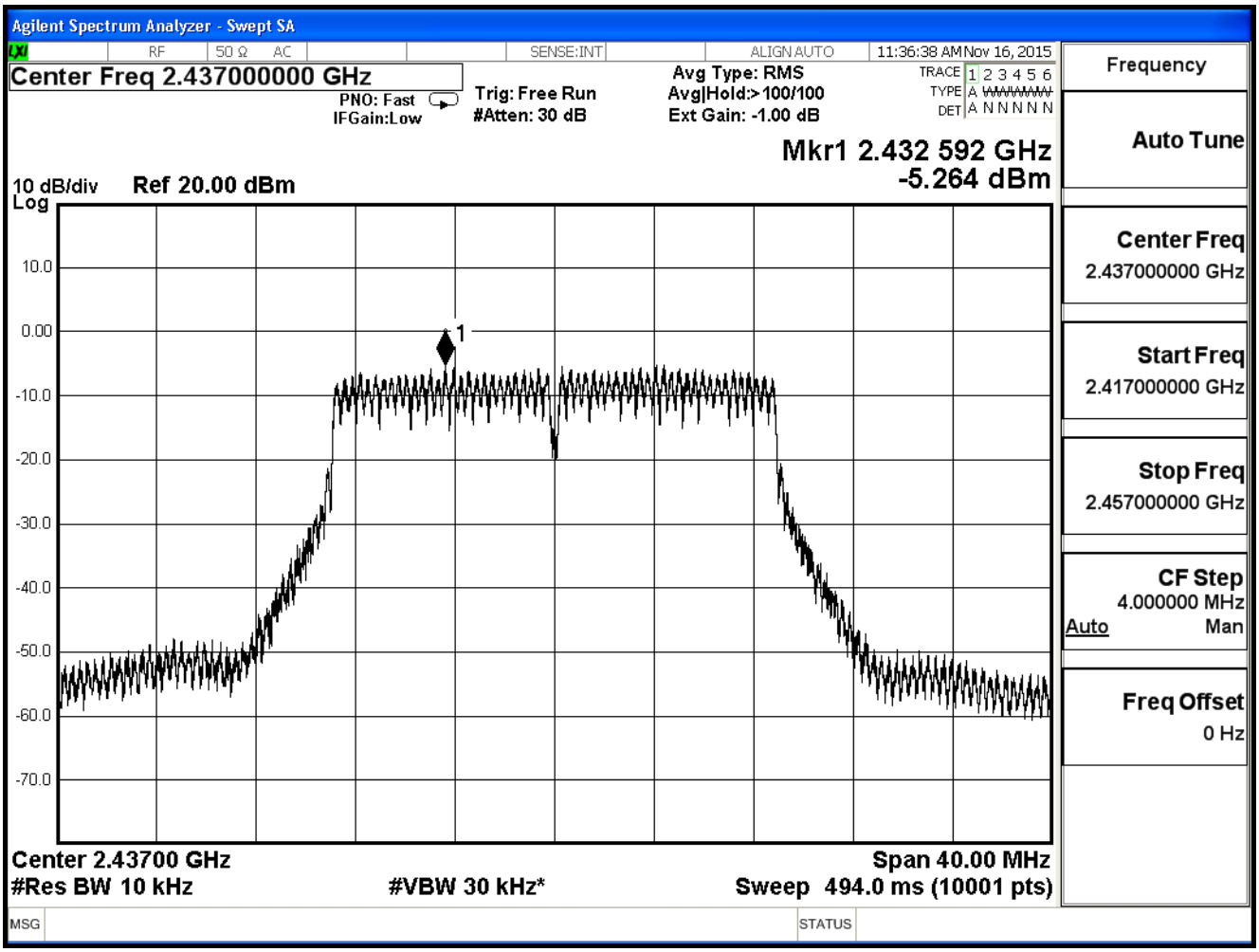
Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

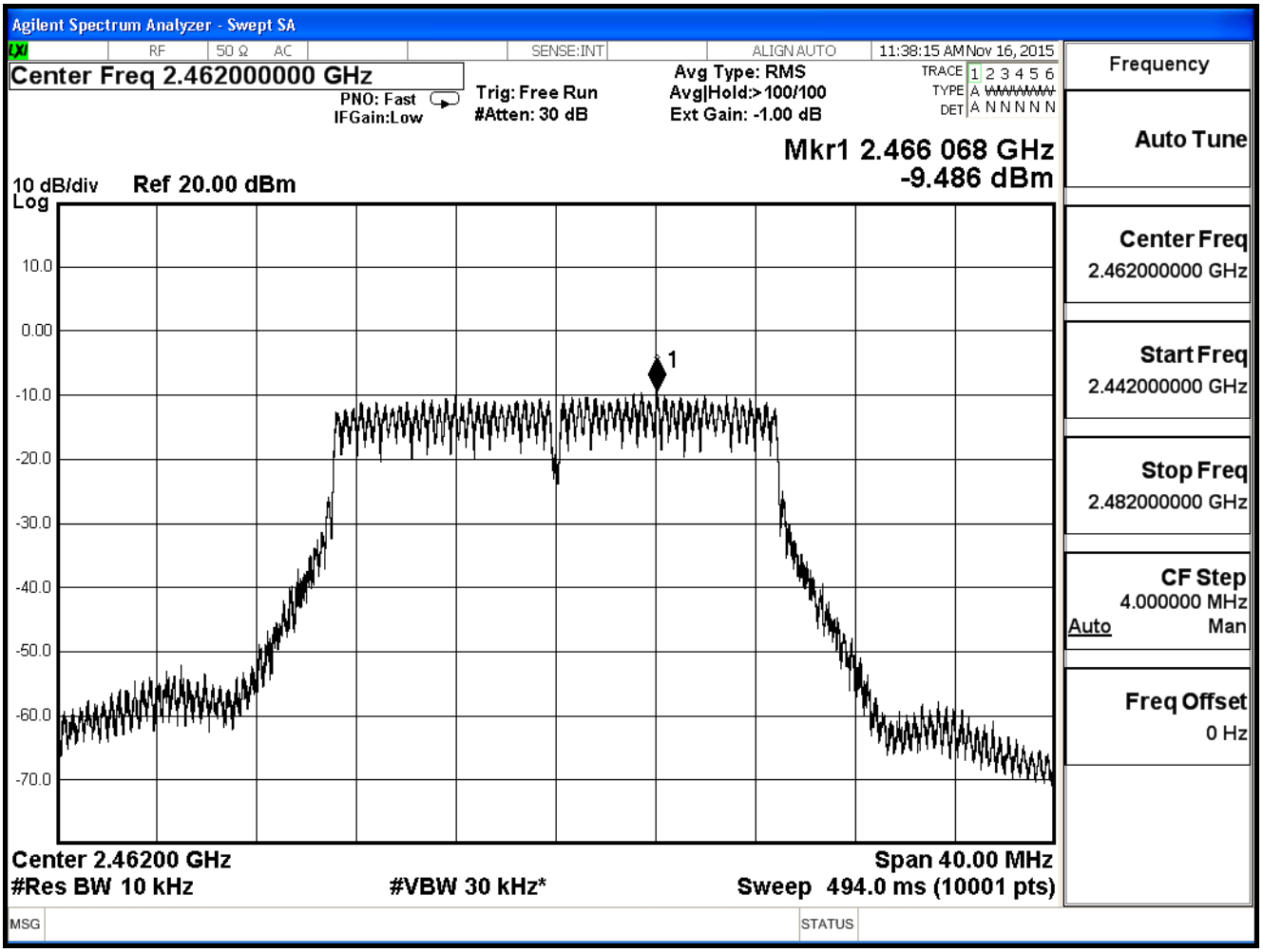
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
11:36:38 AM Nov 16, 2015
Center Freq 2.437000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.432 592 GHz
-5.264 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.43700 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.417000000 GHz
Stop Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 11


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
11:38:15 AM Nov 16, 2015
Center Freq 2.462000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.466 068 GHz
-9.486 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.46200 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.462000000 GHz
Start Freq
2.442000000 GHz
Stop Freq
2.482000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

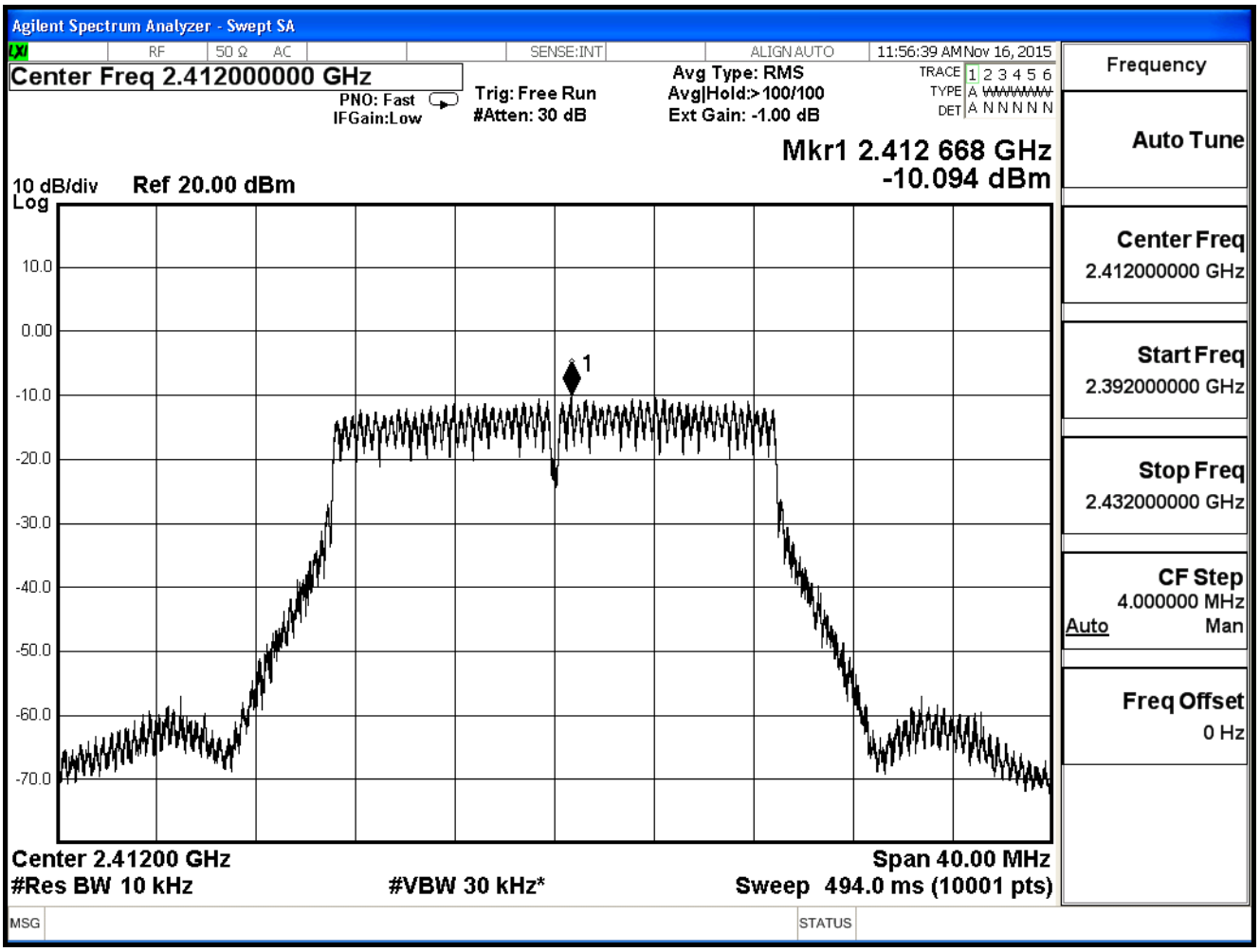
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11n_20M (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-10.094	≦5.8	Pass
6	2437	-5.035	≦5.8	Pass
11	2462	-9.905	≦5.8	Pass

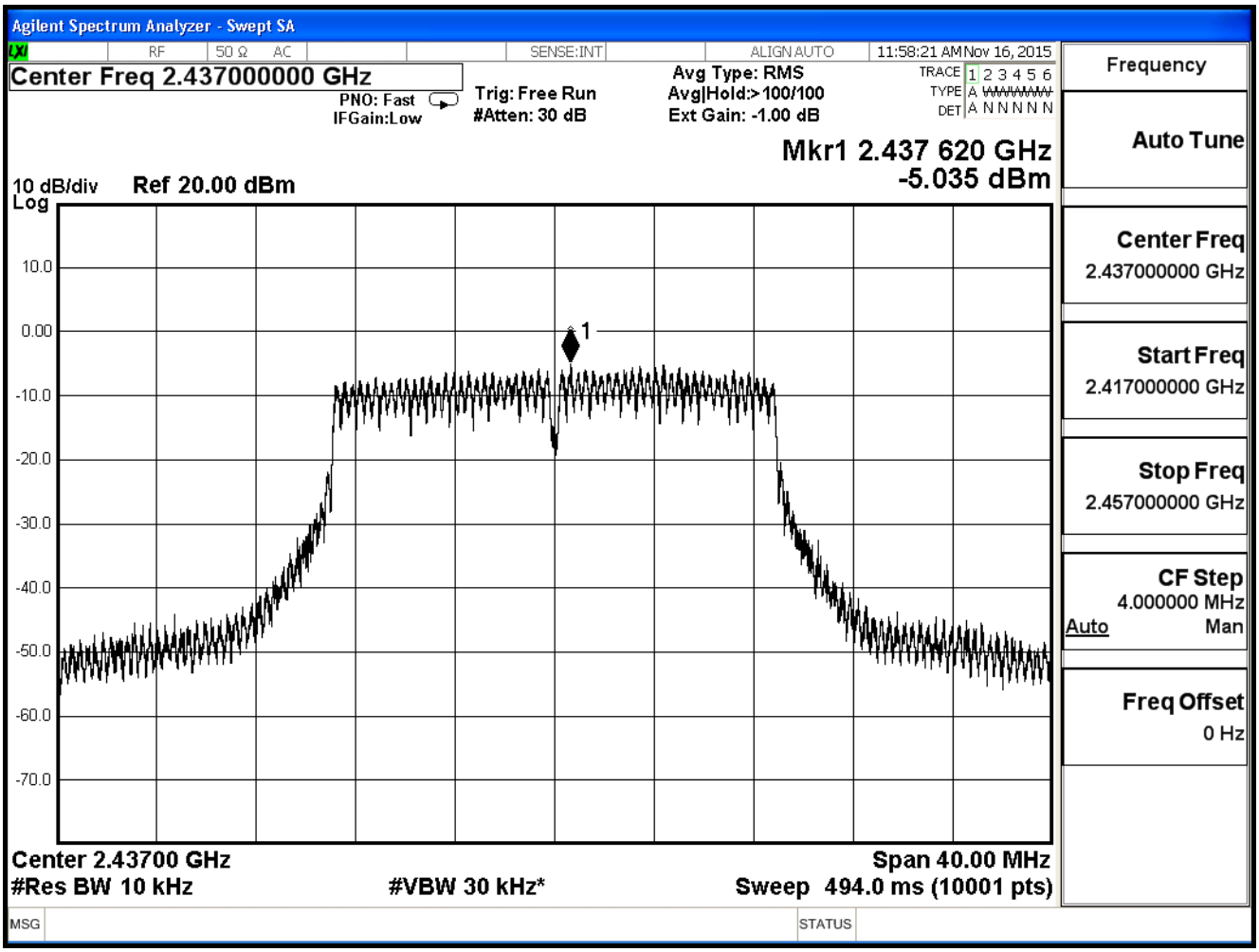
Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

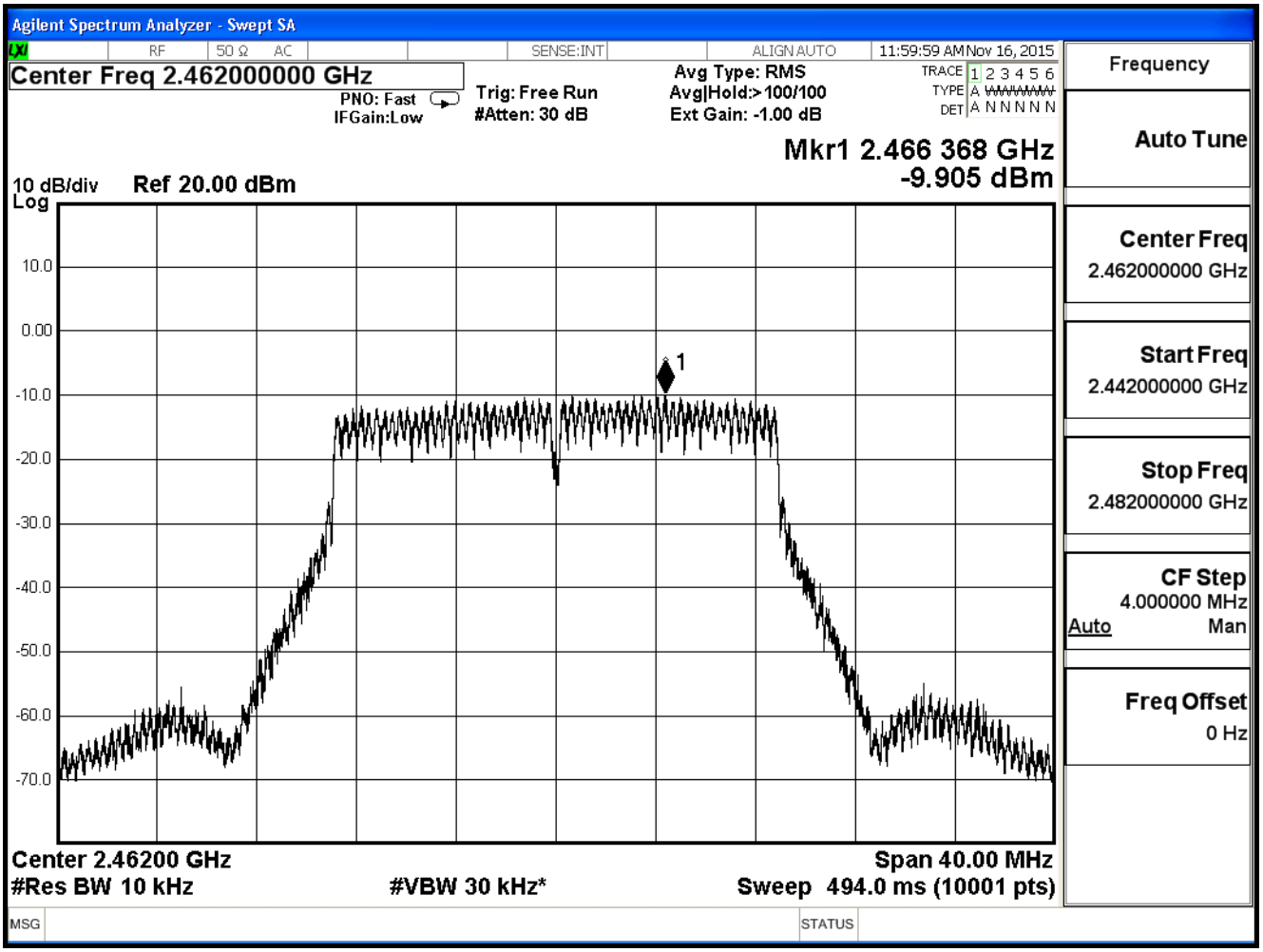
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
11:58:21 AM Nov 16, 2015
Center Freq 2.437000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.437 620 GHz
-5.035 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.43700 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.417000000 GHz
Stop Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 11


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
11:59:59 AM Nov 16, 2015
Center Freq 2.462000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.466 368 GHz
-9.905 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.46200 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.462000000 GHz
Start Freq
2.442000000 GHz
Stop Freq
2.482000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

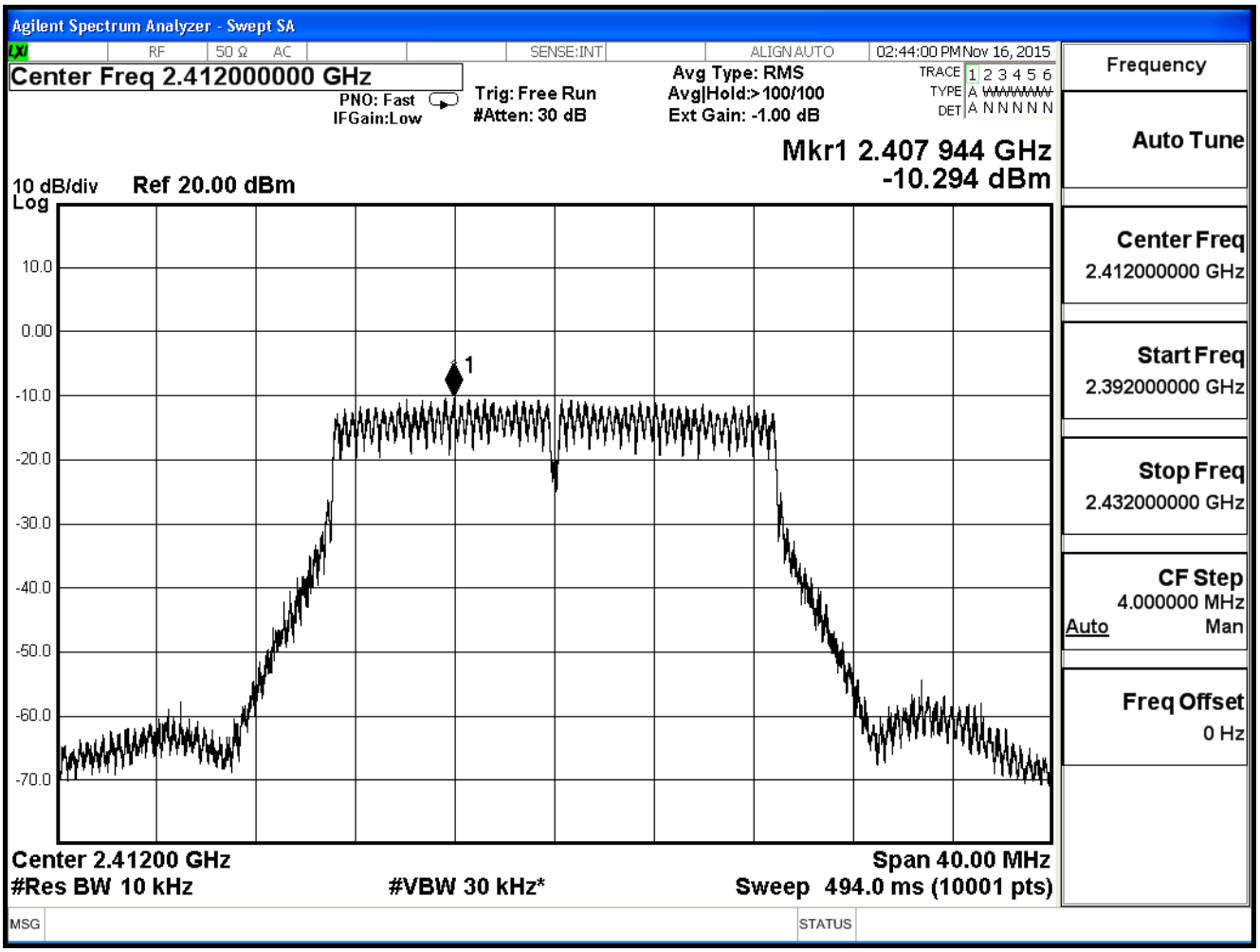
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11n_20M (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-10.294	≦5.8	Pass
6	2437	-5.255	≦5.8	Pass
11	2462	-10.007	≦5.8	Pass

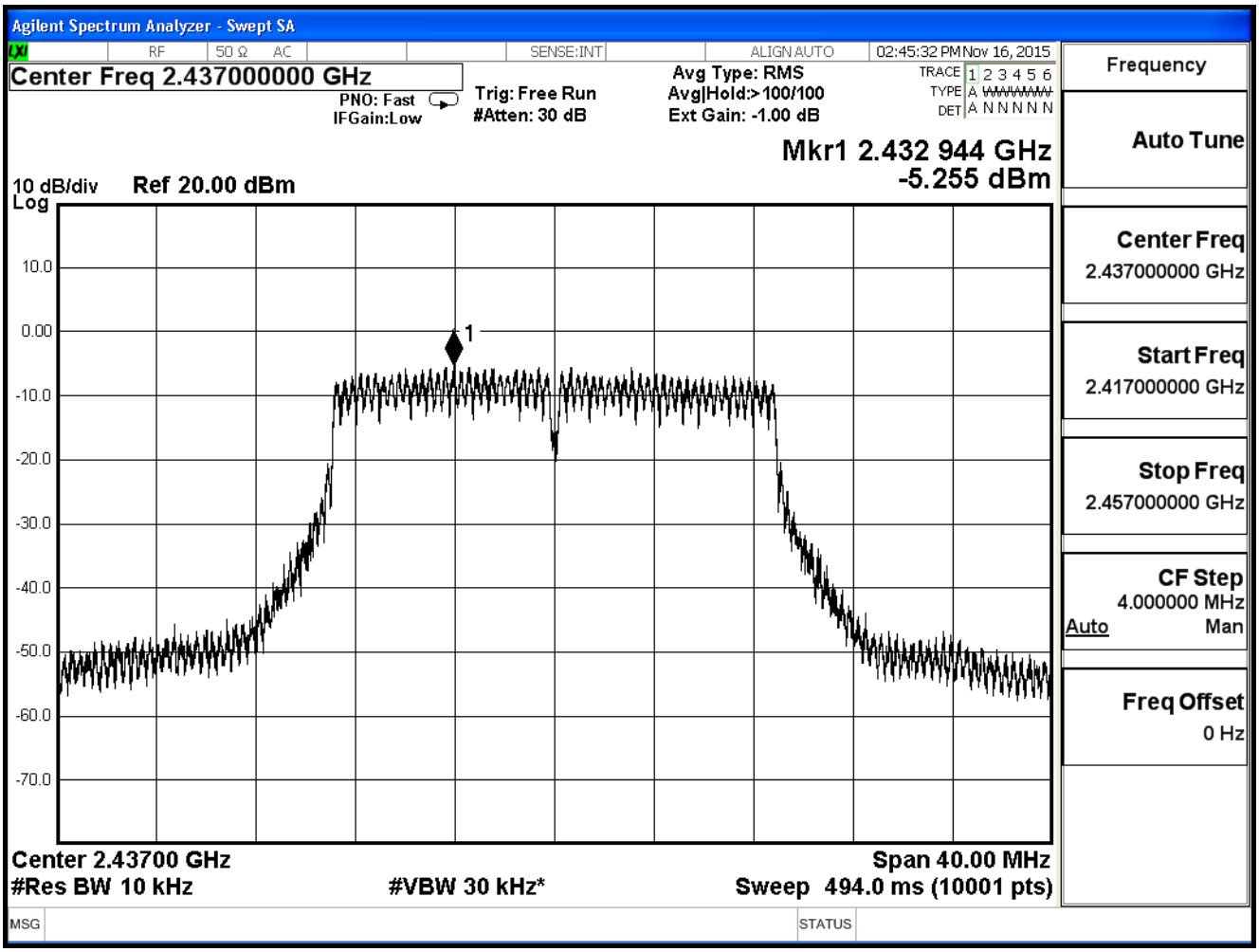
Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

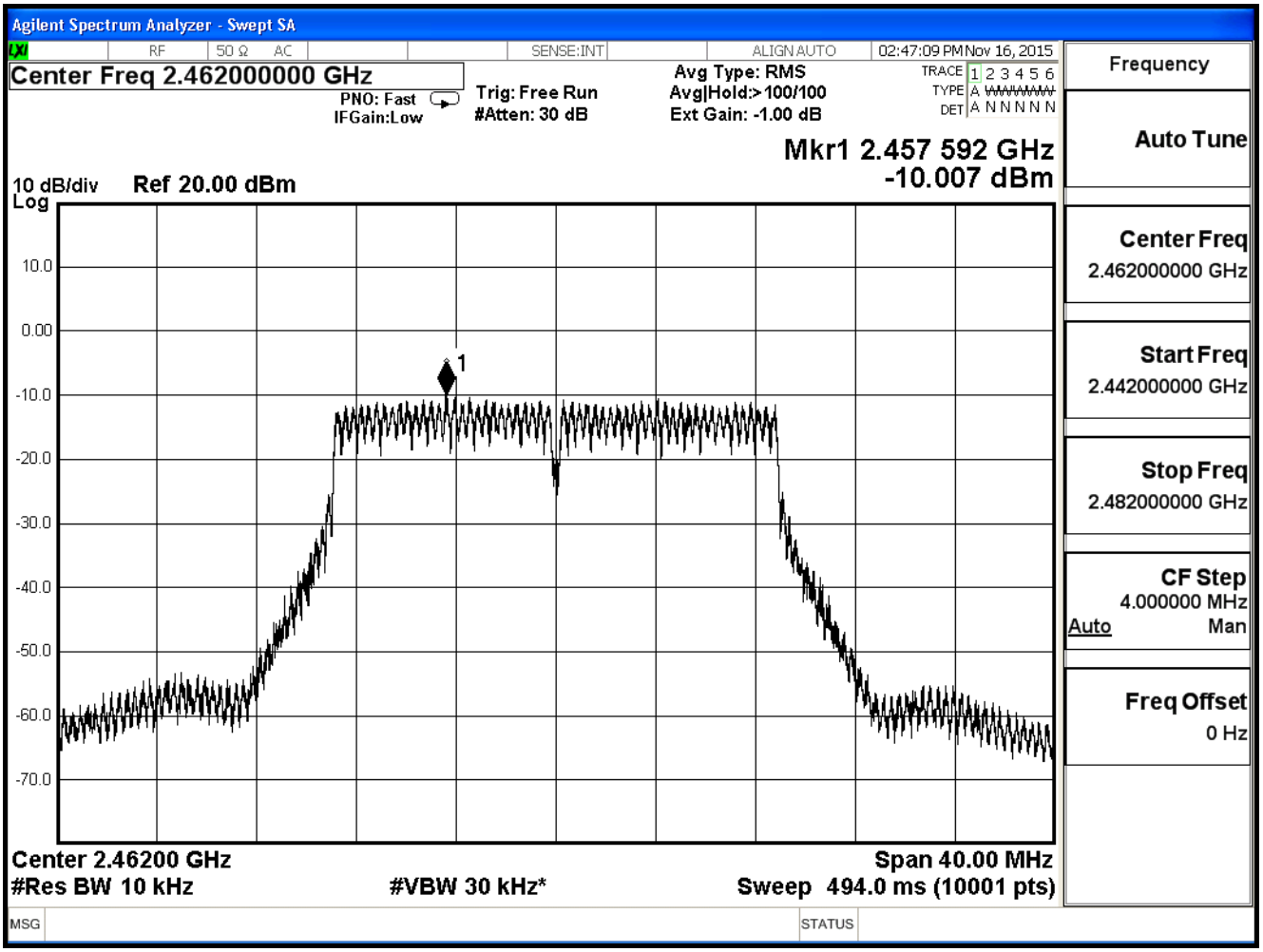
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
02:45:32 PM Nov 16, 2015
Center Freq 2.437000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.432 944 GHz
-5.255 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.43700 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.417000000 GHz
Stop Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 11


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
02:47:09 PM Nov 16, 2015
Center Freq 2.462000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.457 592 GHz
-10.007 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.46200 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.462000000 GHz
Start Freq
2.442000000 GHz
Stop Freq
2.482000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

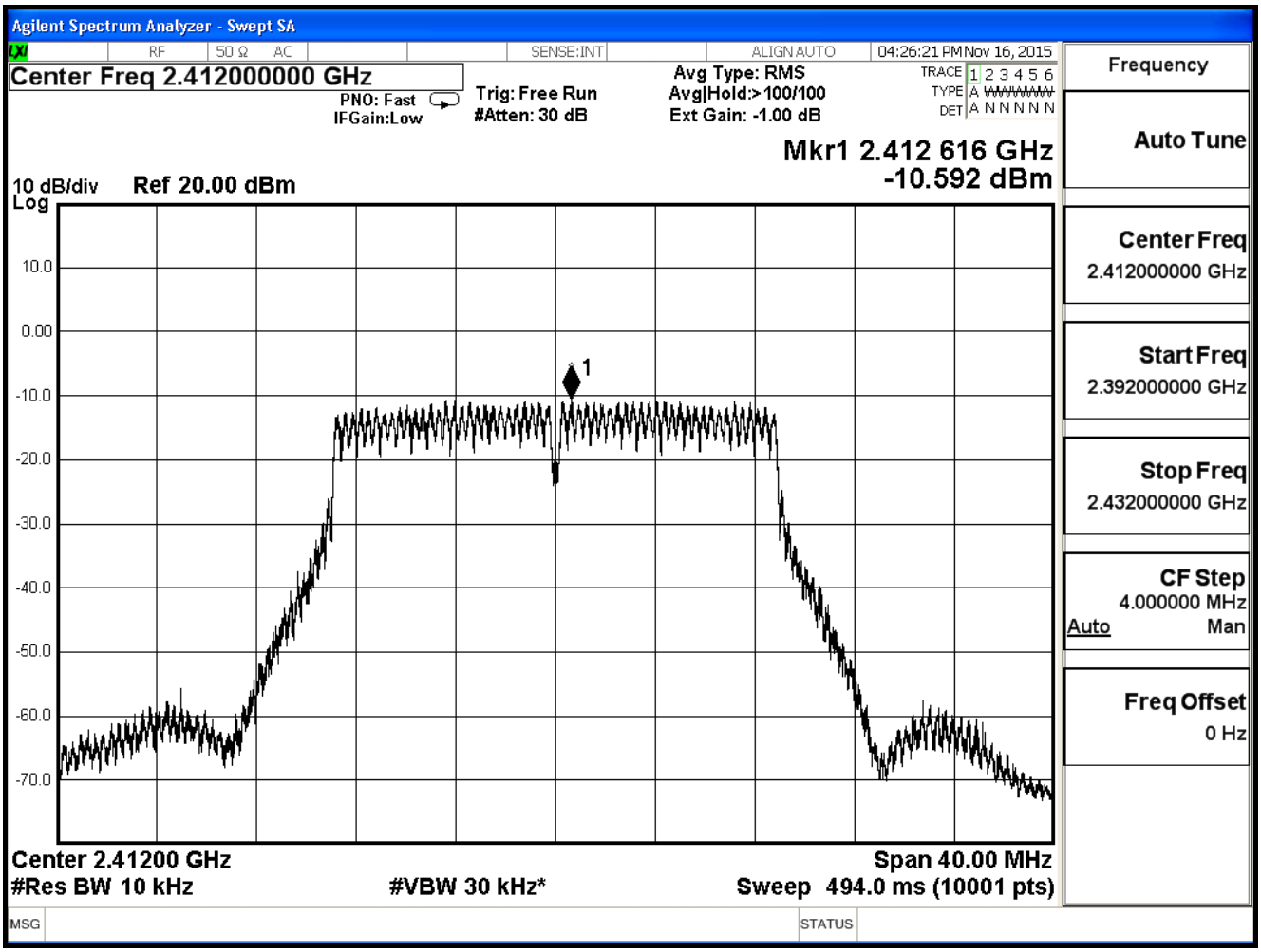
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11n_20M (ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-10.592	≦5.8	Pass
6	2437	-5.536	≦5.8	Pass
11	2462	-10.006	≦5.8	Pass

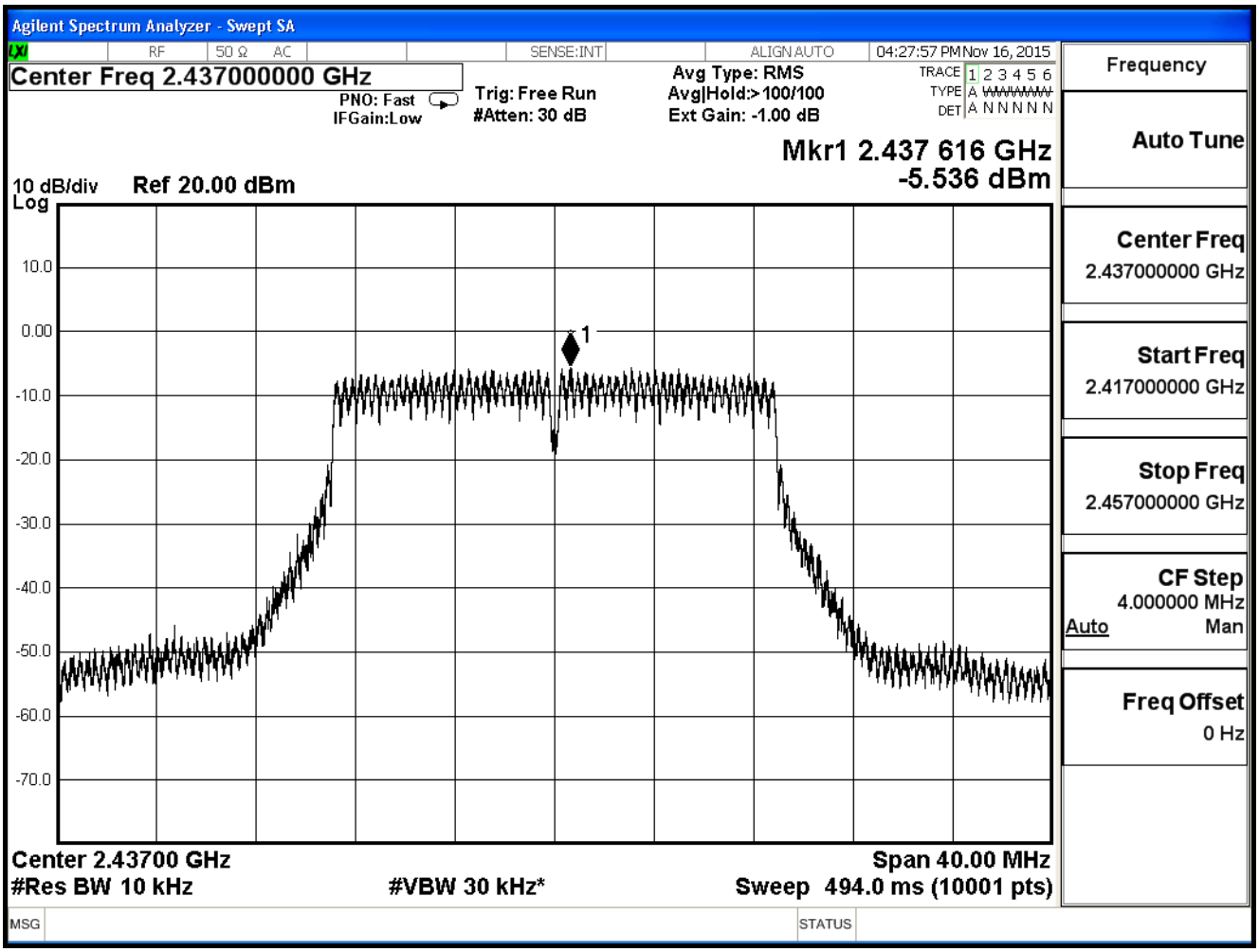
Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

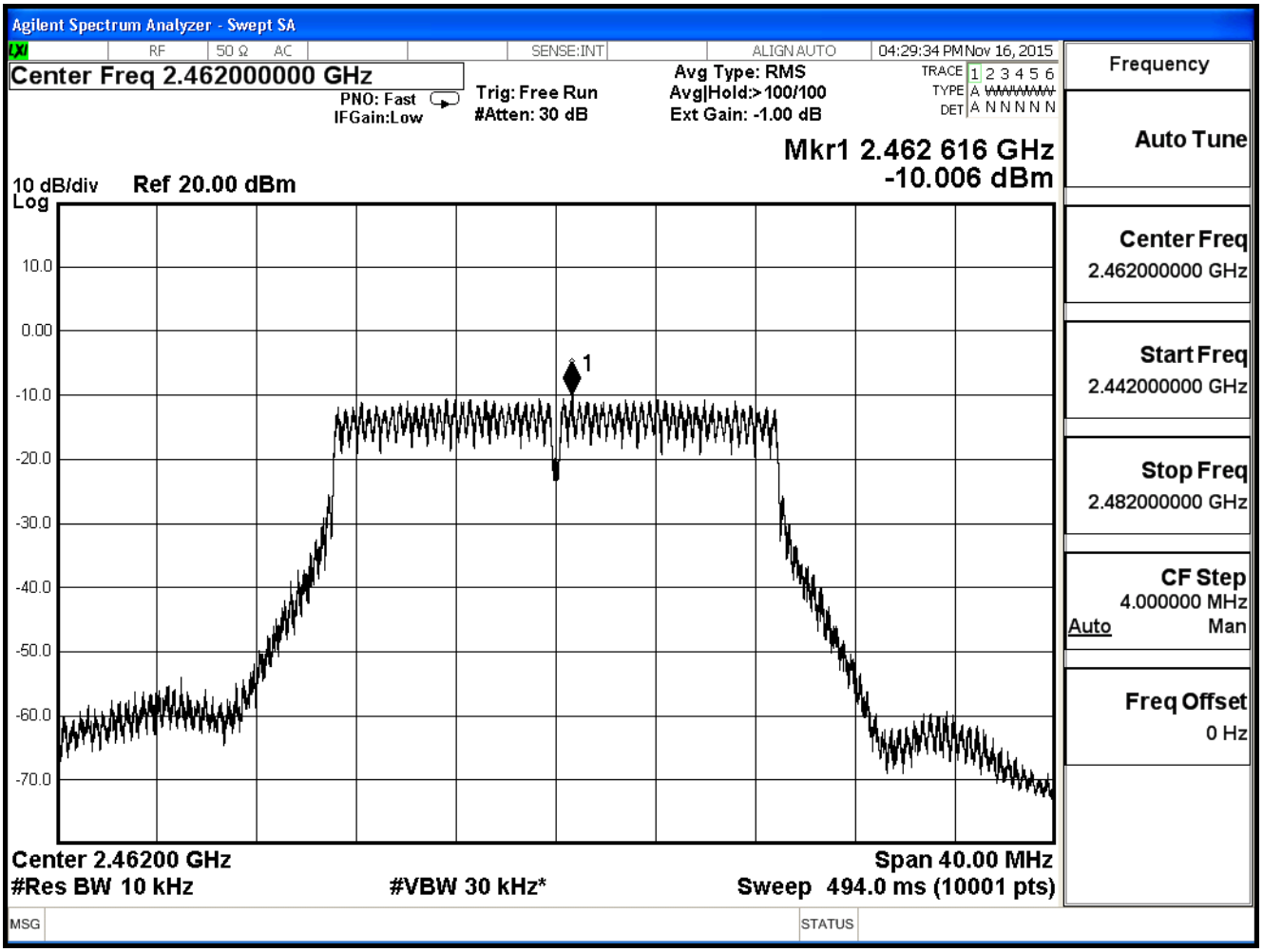
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
04:27:57 PM Nov 16, 2015
Center Freq 2.437000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.437 616 GHz
-5.536 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.43700 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.417000000 GHz
Stop Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 11


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
04:29:34 PM Nov 16, 2015
Center Freq 2.462000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.462 616 GHz
-10.006 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.46200 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 40.00 MHz
Sweep 494.0 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.462000000 GHz
Start Freq
2.442000000 GHz
Stop Freq
2.482000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11n_20M (ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-4.23	≦5.8	Pass
6	2437	0.75	≦5.8	Pass
11	2462	-3.83	≦5.8	Pass

Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

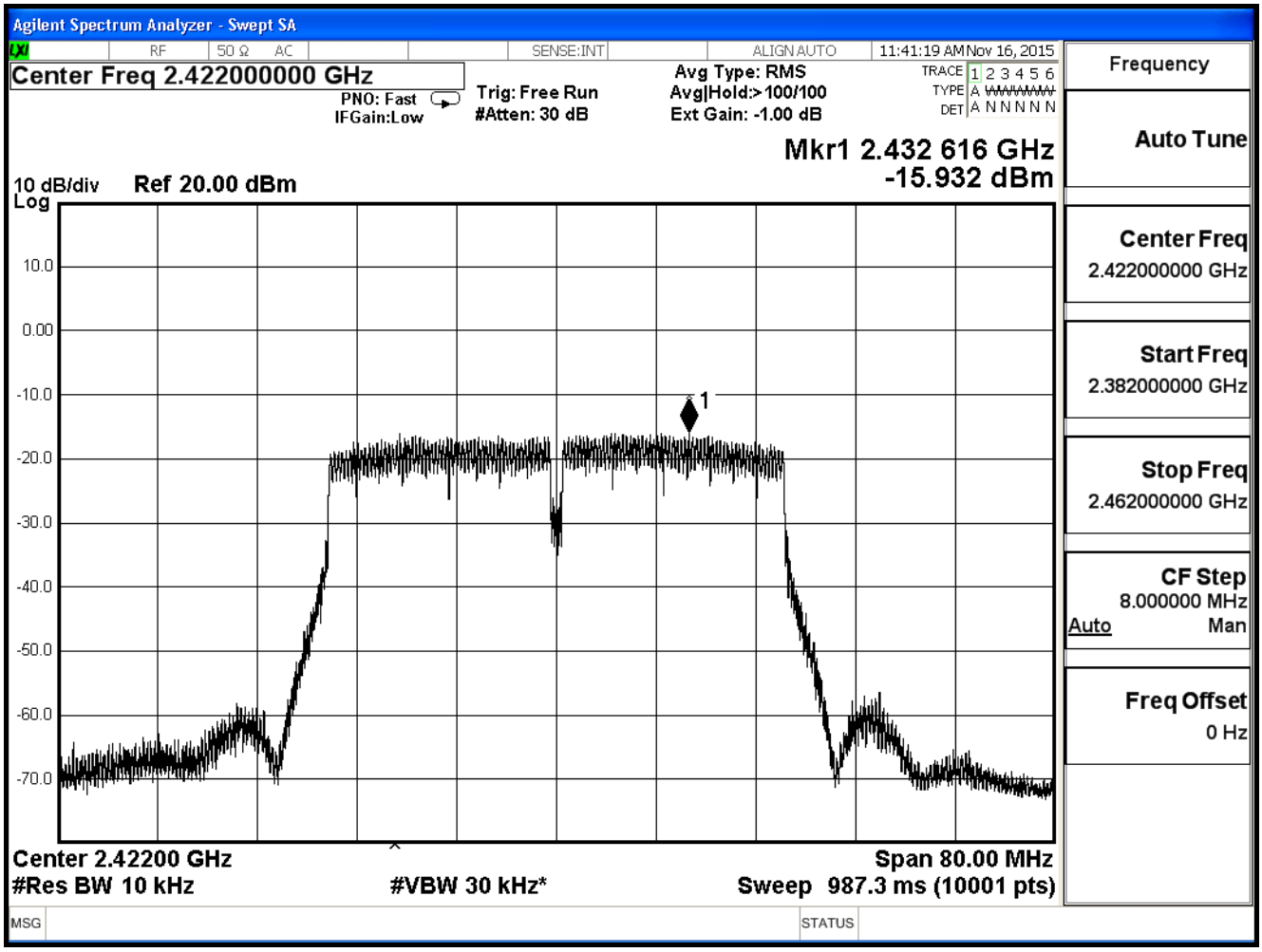
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11n (40MHz) (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-15.932	≦5.8	Pass
6	2437	-12.775	≦5.8	Pass
9	2452	-17.149	≦5.8	Pass

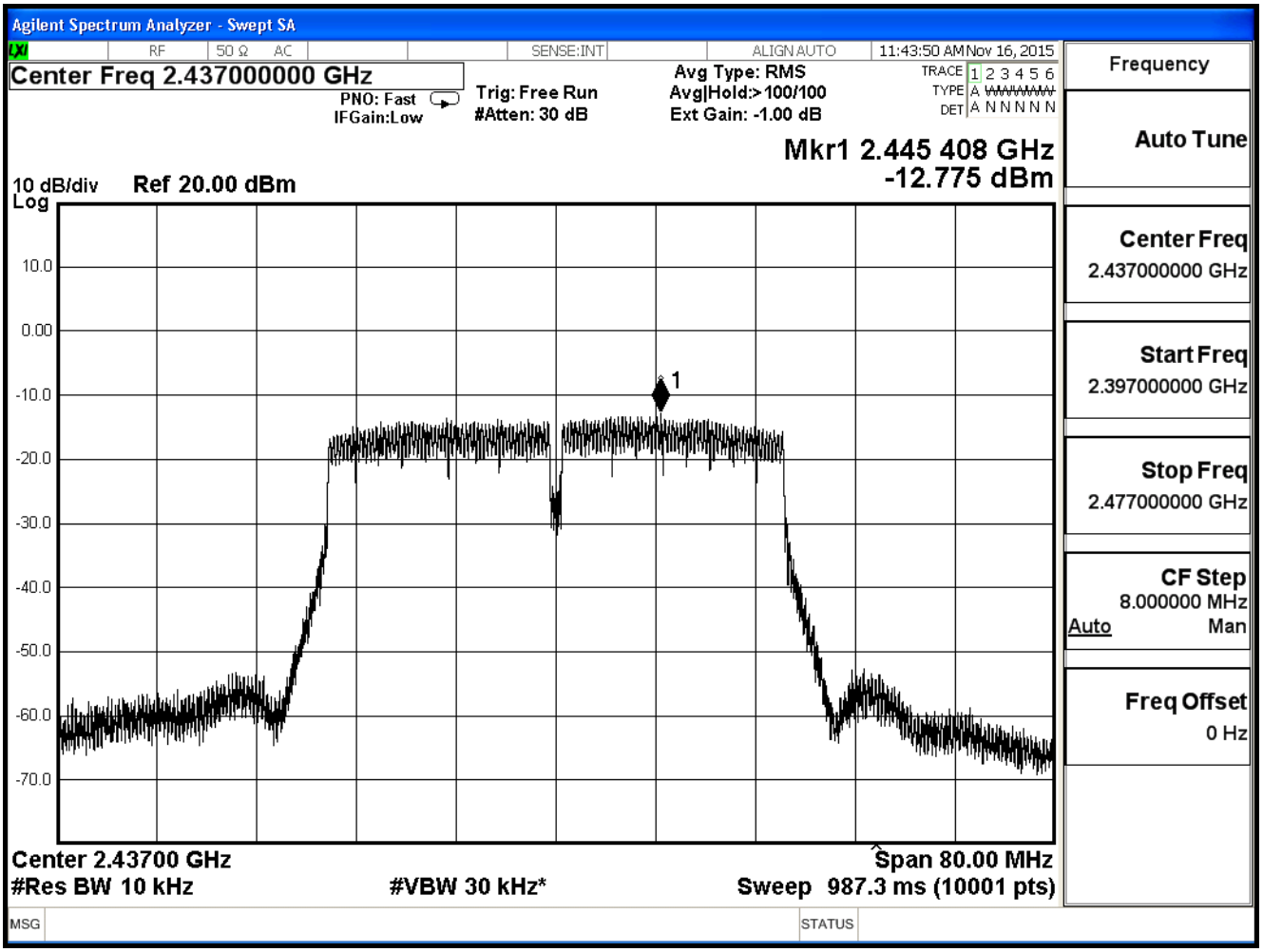
Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

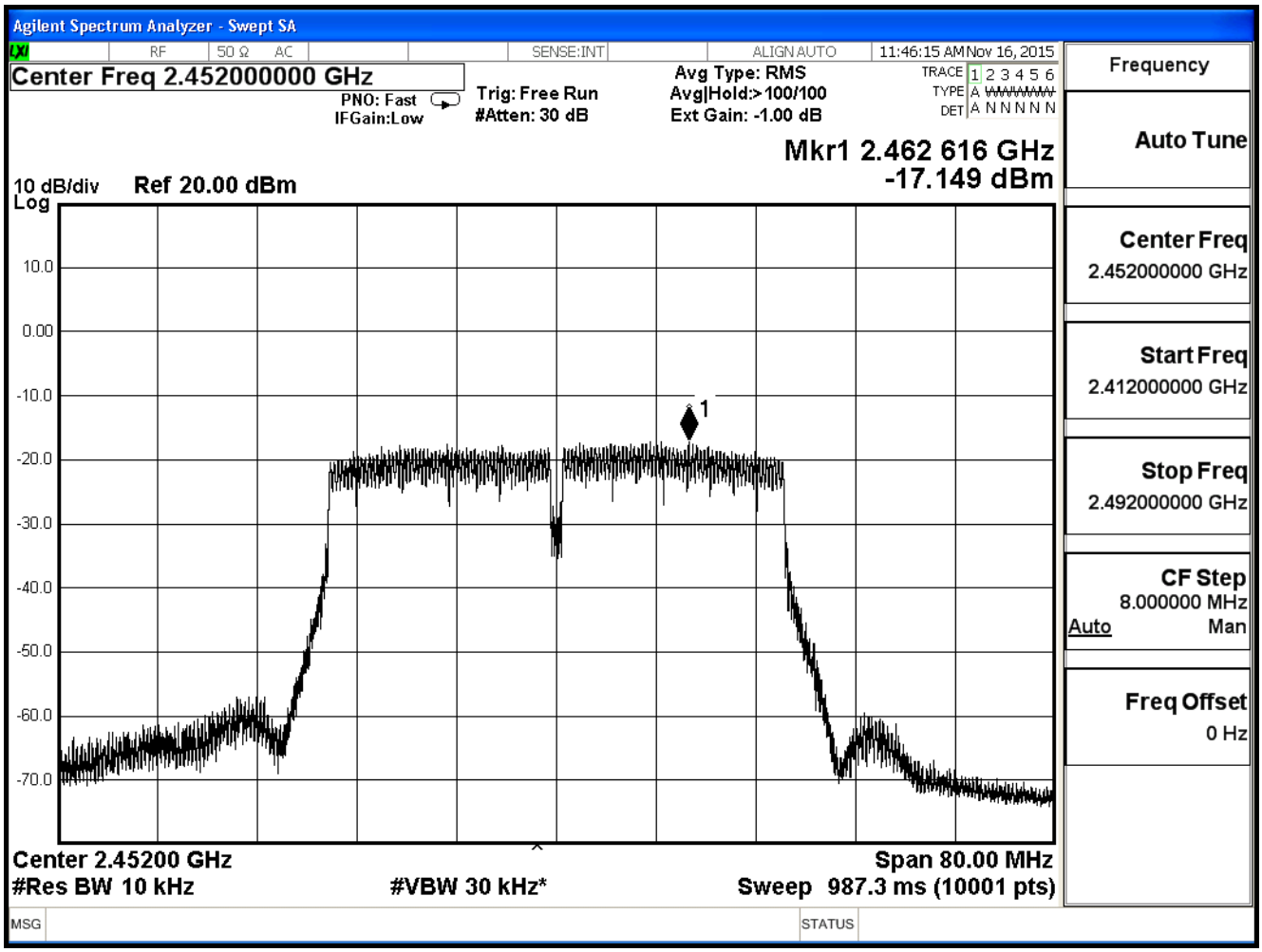
Channel 3



Channel 6


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
11:43:50 AM Nov 16, 2015
Center Freq 2.437000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.445 408 GHz
-12.775 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.43700 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 80.00 MHz
Sweep 987.3 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.397000000 GHz
Stop Freq
2.477000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 9


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
11:46:15 AM Nov 16, 2015
Center Freq 2.452000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.462 616 GHz
-17.149 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.45200 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 80.00 MHz
Sweep 987.3 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.452000000 GHz
Start Freq
2.412000000 GHz
Stop Freq
2.492000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz

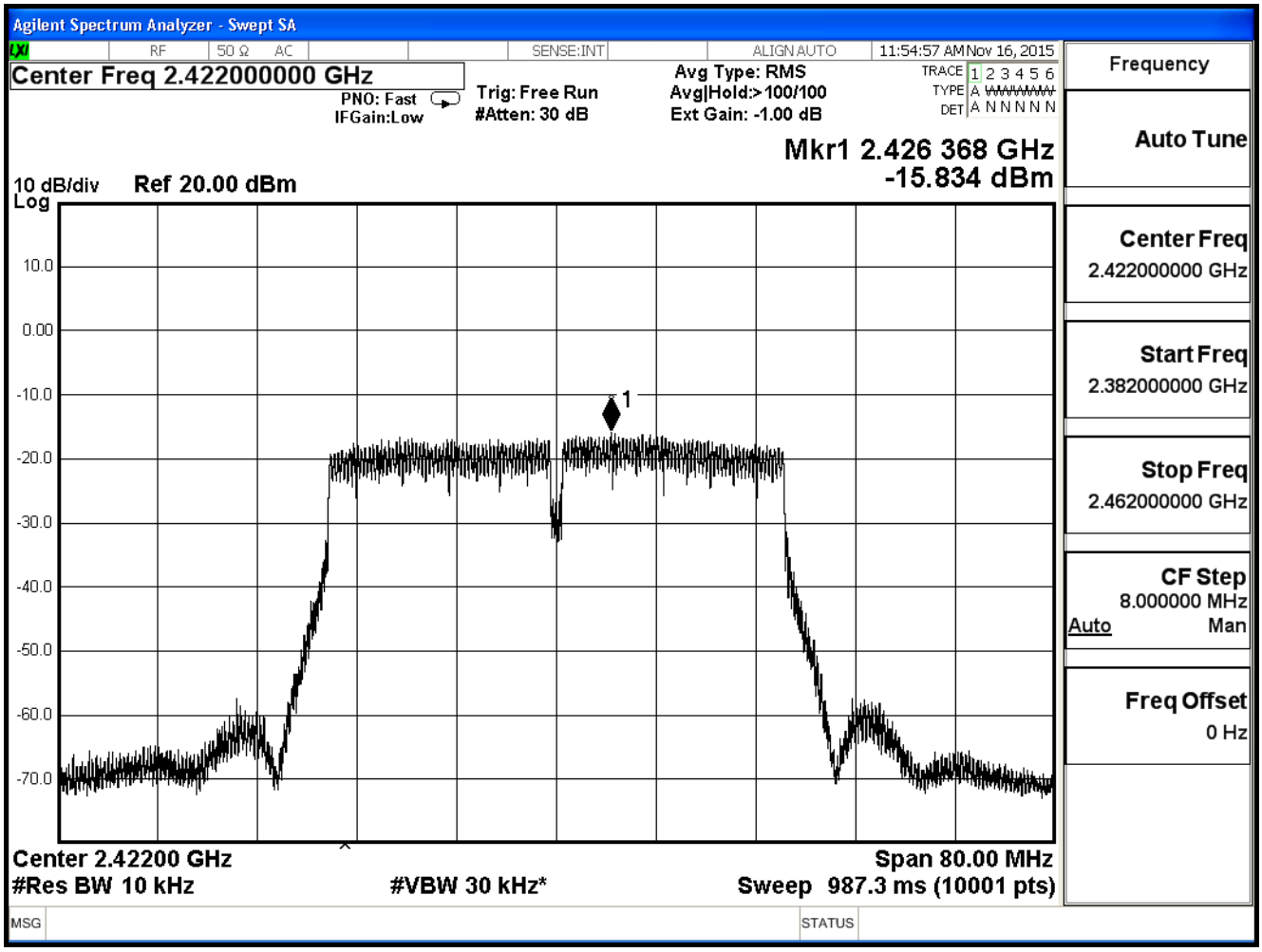
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11n (40MHz) (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-15.834	≦5.8	Pass
6	2437	-13.042	≦5.8	Pass
9	2452	-16.834	≦5.8	Pass

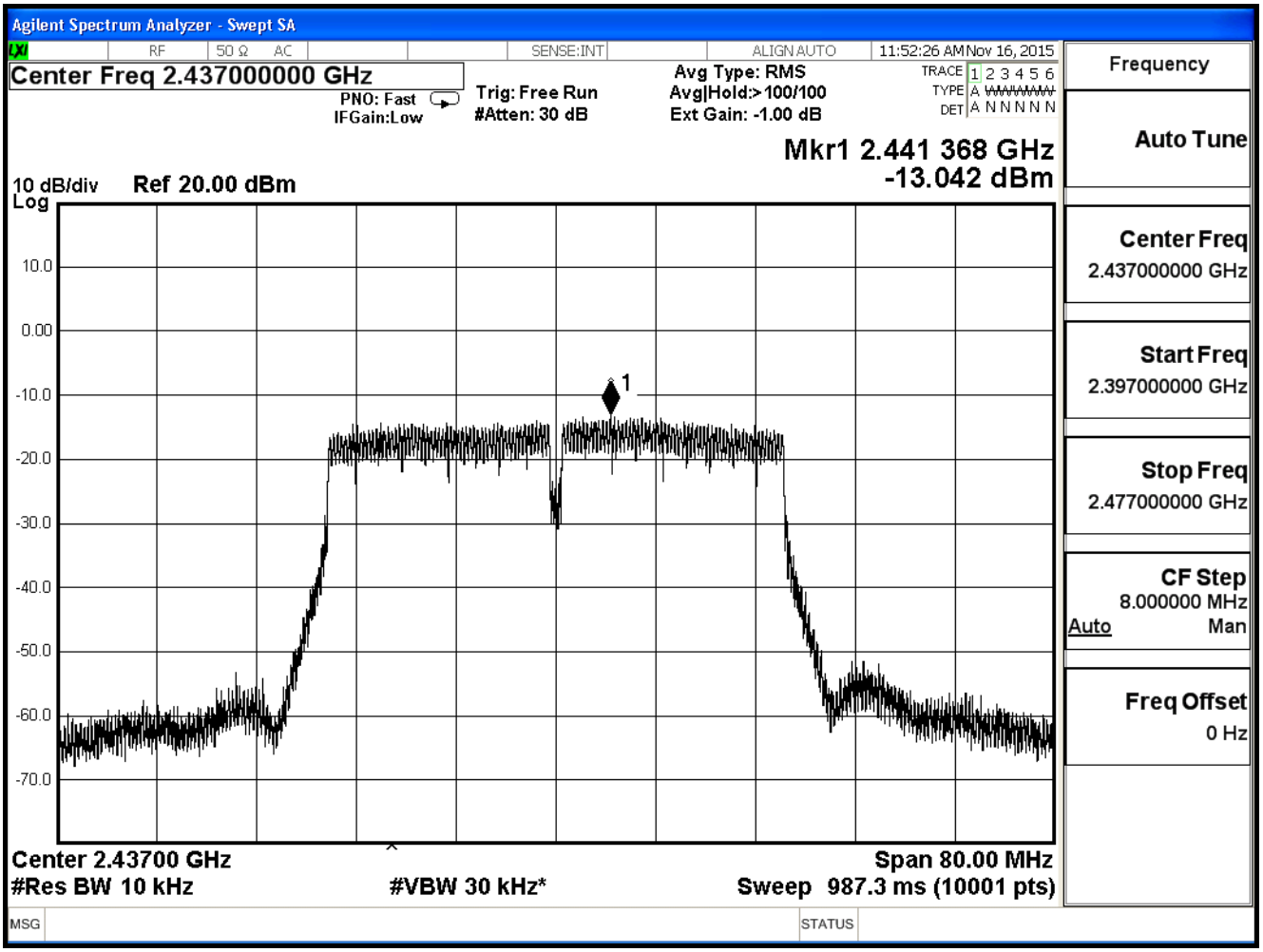
Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

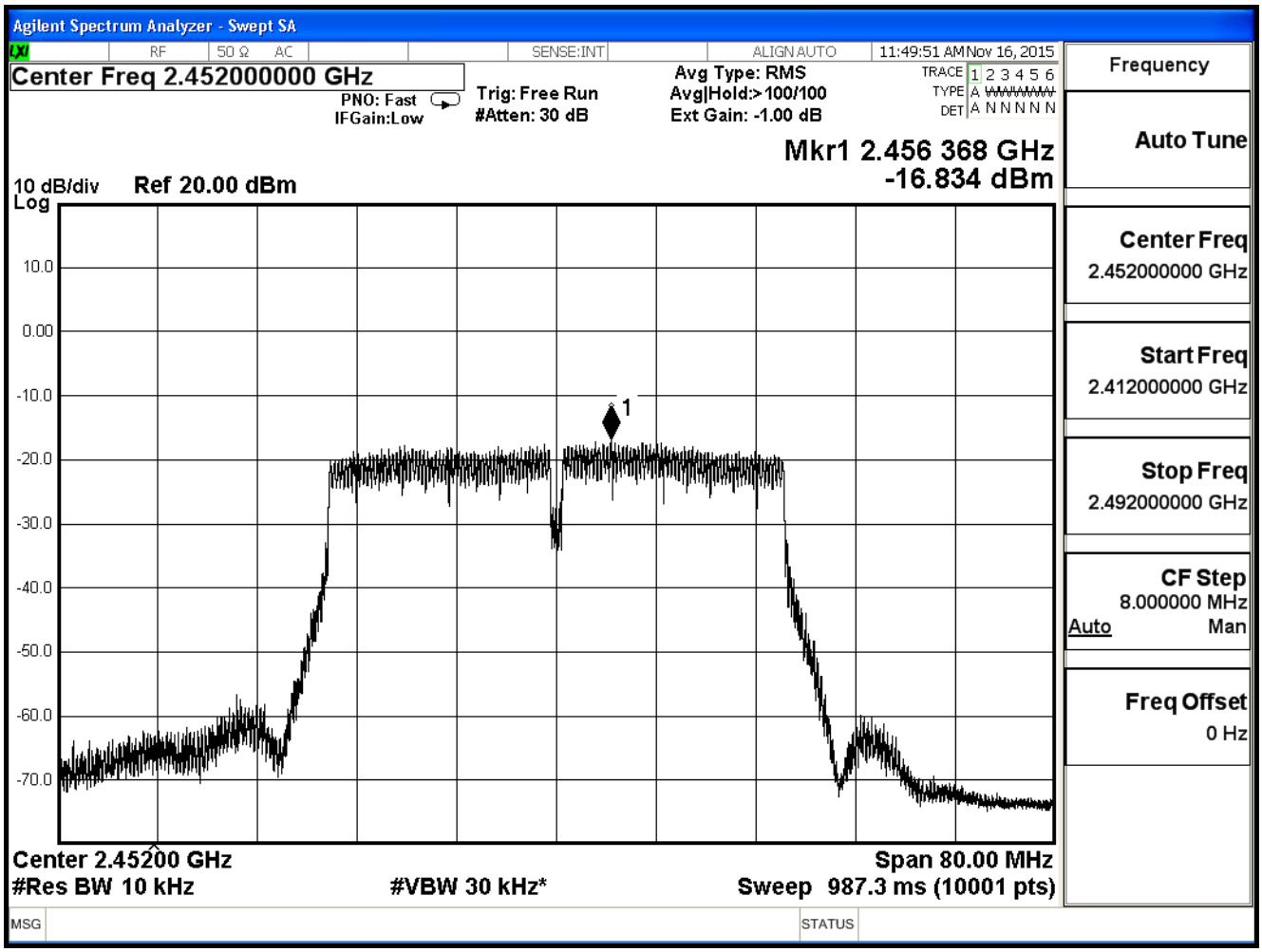
Channel 3



Channel 6


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
11:52:26 AM Nov 16, 2015
Center Freq 2.437000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.441 368 GHz
-13.042 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.43700 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 80.00 MHz
Sweep 987.3 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.397000000 GHz
Stop Freq
2.477000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 9


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
11:49:51 AM Nov 16, 2015
Center Freq 2.452000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.456 368 GHz
-16.834 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.45200 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 80.00 MHz
Sweep 987.3 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.452000000 GHz
Start Freq
2.412000000 GHz
Stop Freq
2.492000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz

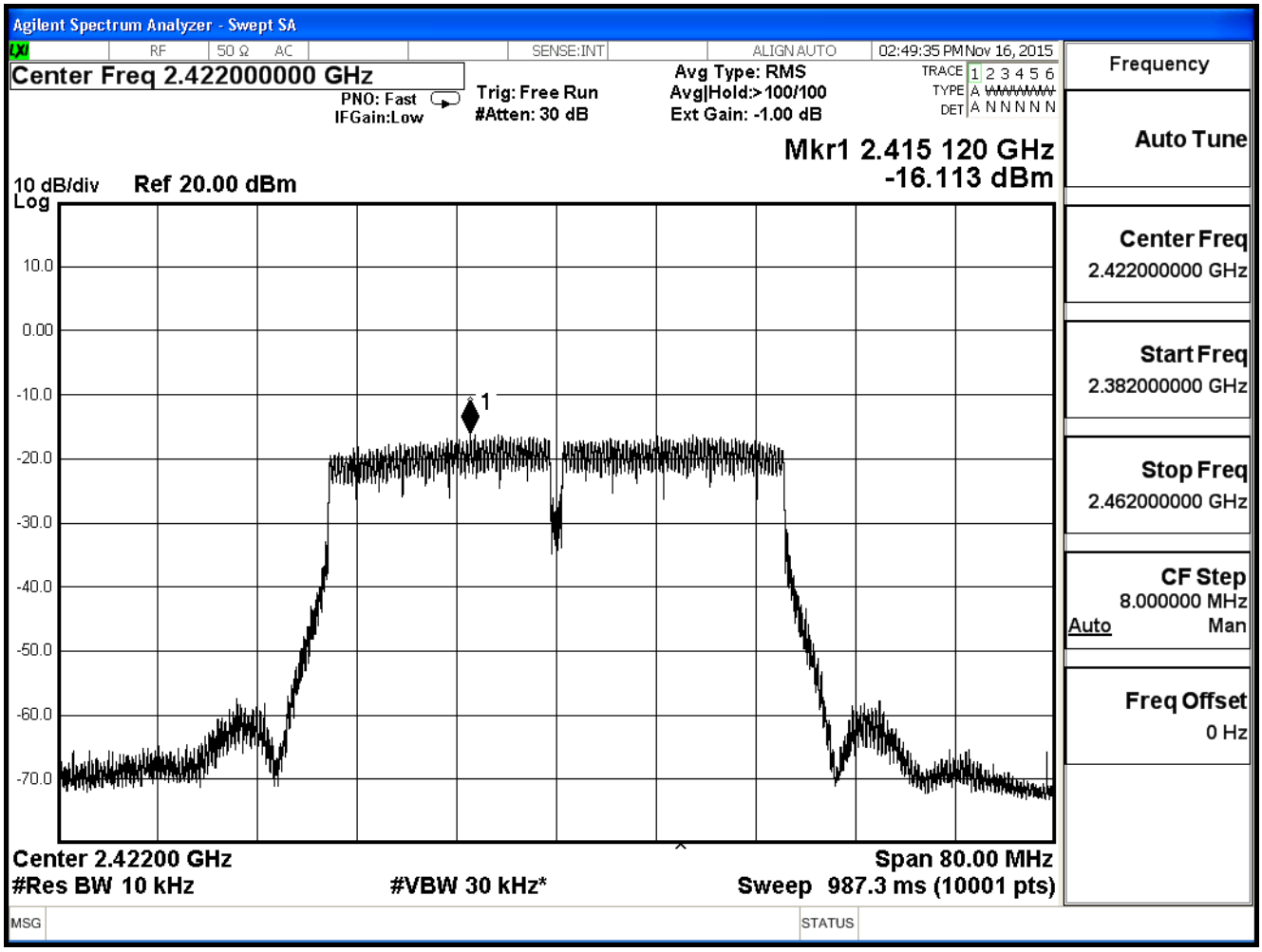
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11n (40MHz) (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-16.113	≦5.8	Pass
6	2437	-12.707	≦5.8	Pass
9	2452	-17.491	≦5.8	Pass

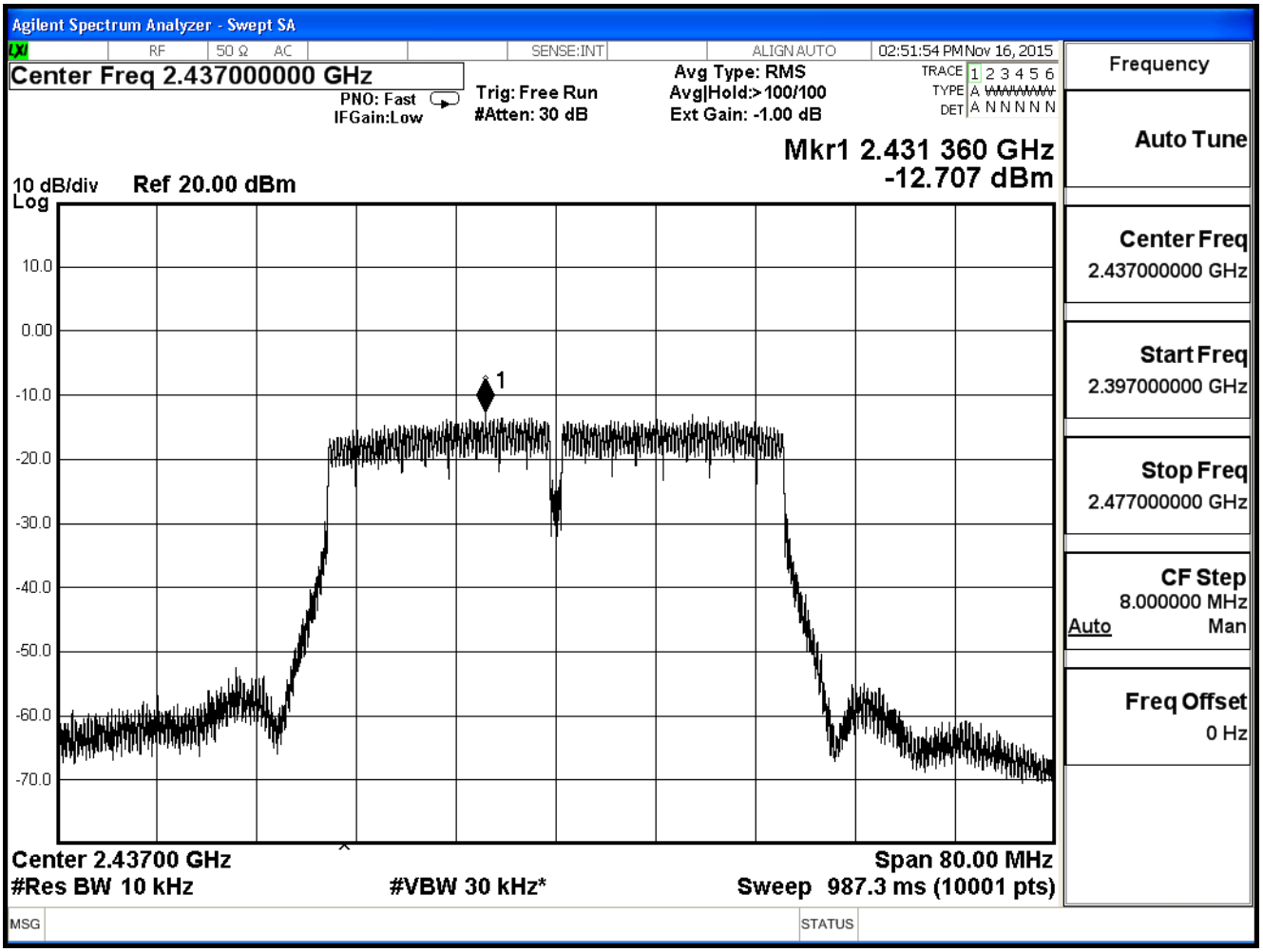
Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

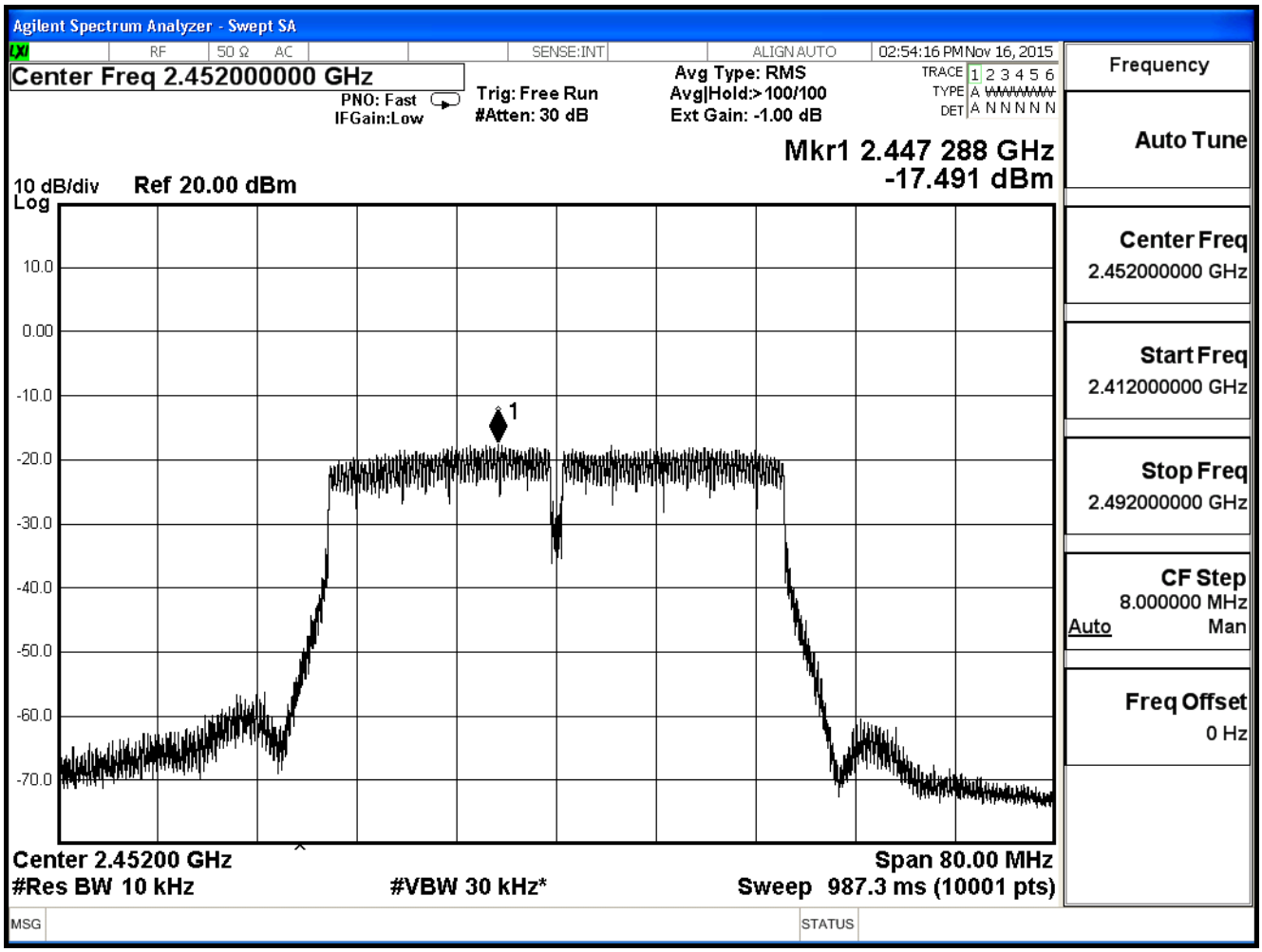
Channel 3



Channel 6


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
02:51:54 PM Nov 16, 2015
Center Freq 2.437000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.431 360 GHz
-12.707 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.43700 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 80.00 MHz
Sweep 987.3 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.397000000 GHz
Stop Freq
2.477000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 9


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
02:54:16 PM Nov 16, 2015
Center Freq 2.452000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.447 288 GHz
-17.491 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.45200 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 80.00 MHz
Sweep 987.3 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.452000000 GHz
Start Freq
2.412000000 GHz
Stop Freq
2.492000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz

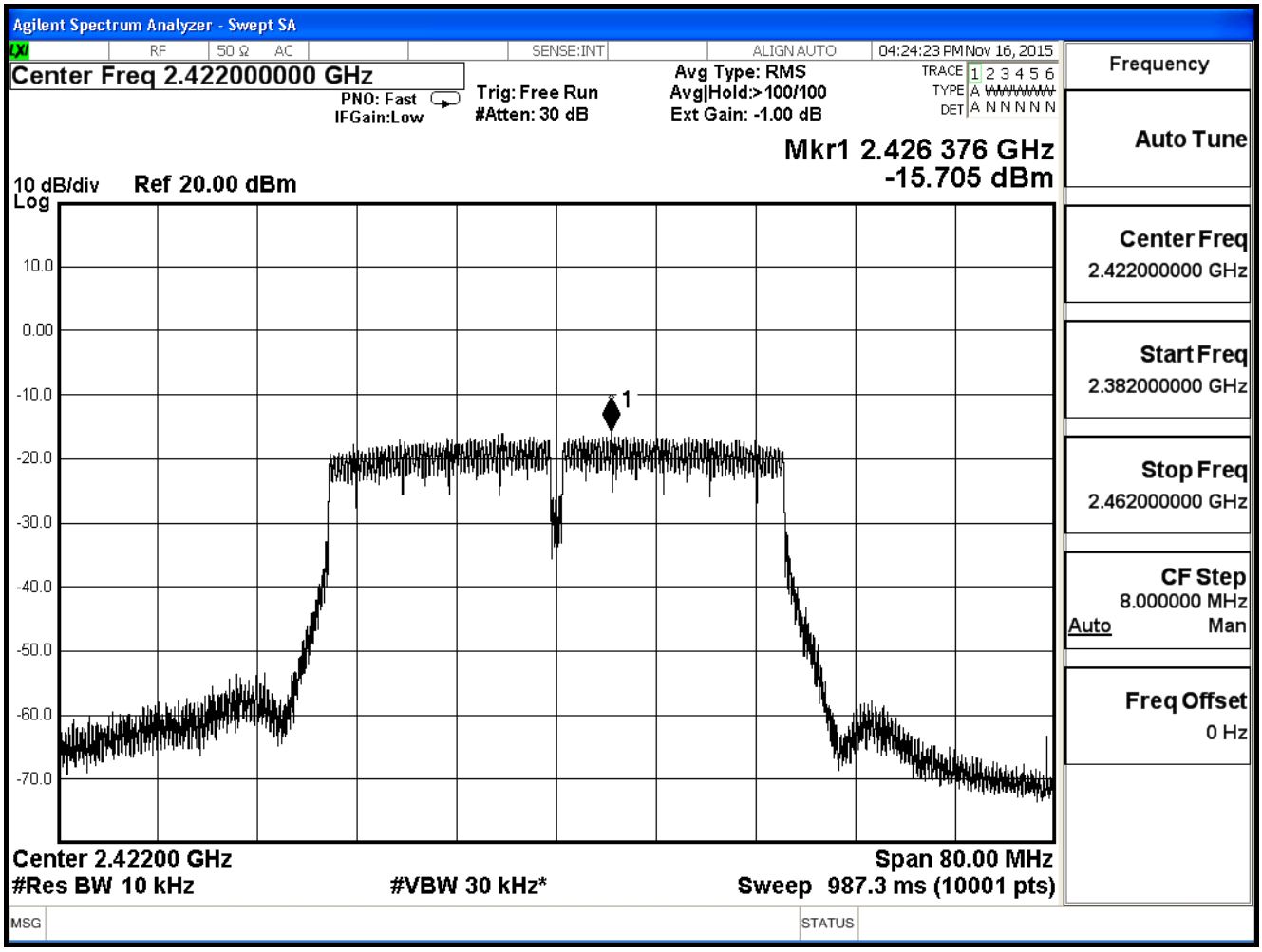
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11n (40MHz) (ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-15.705	≦5.8	Pass
6	2437	-13.034	≦5.8	Pass
9	2452	-17.583	≦5.8	Pass

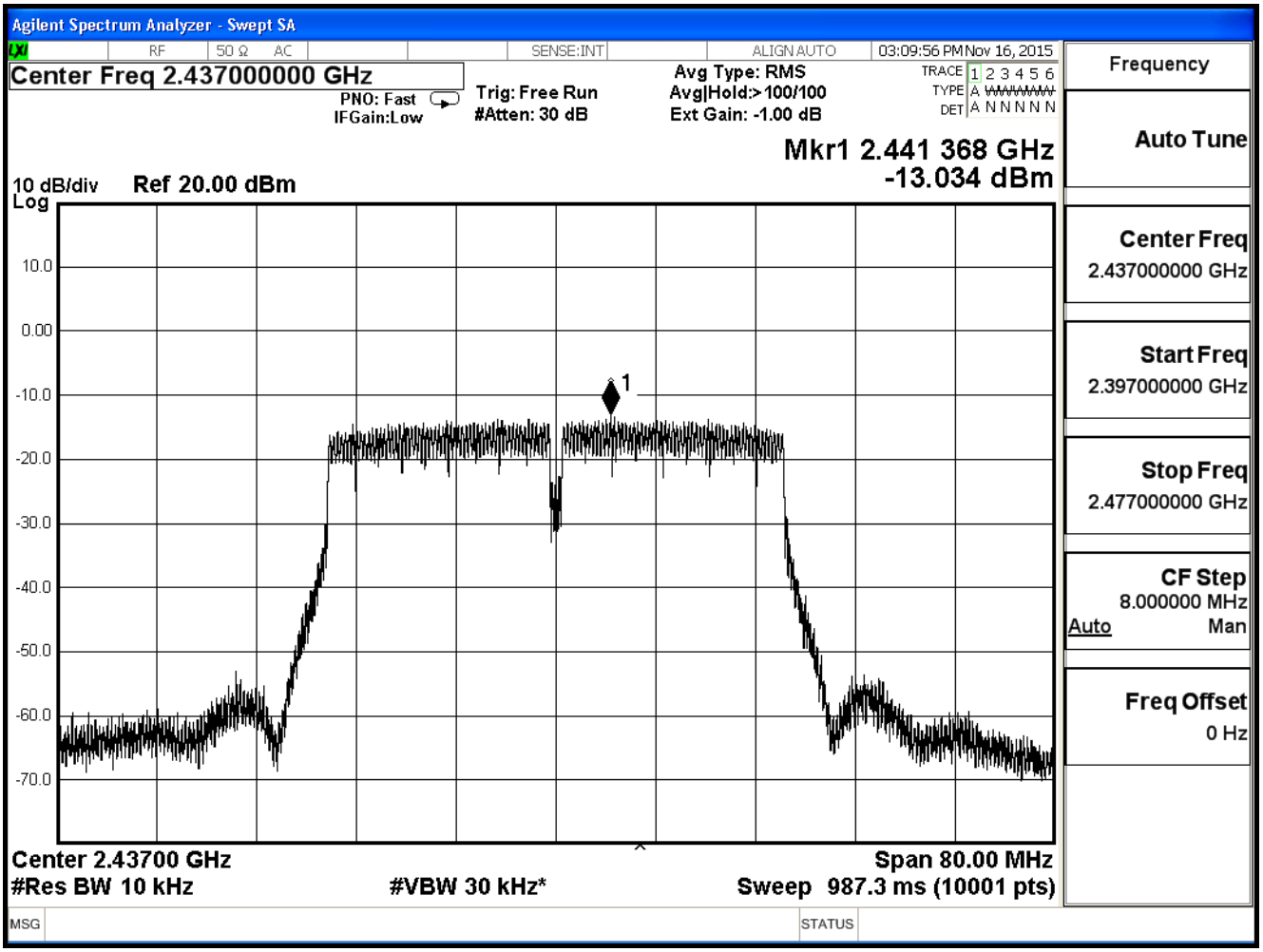
Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

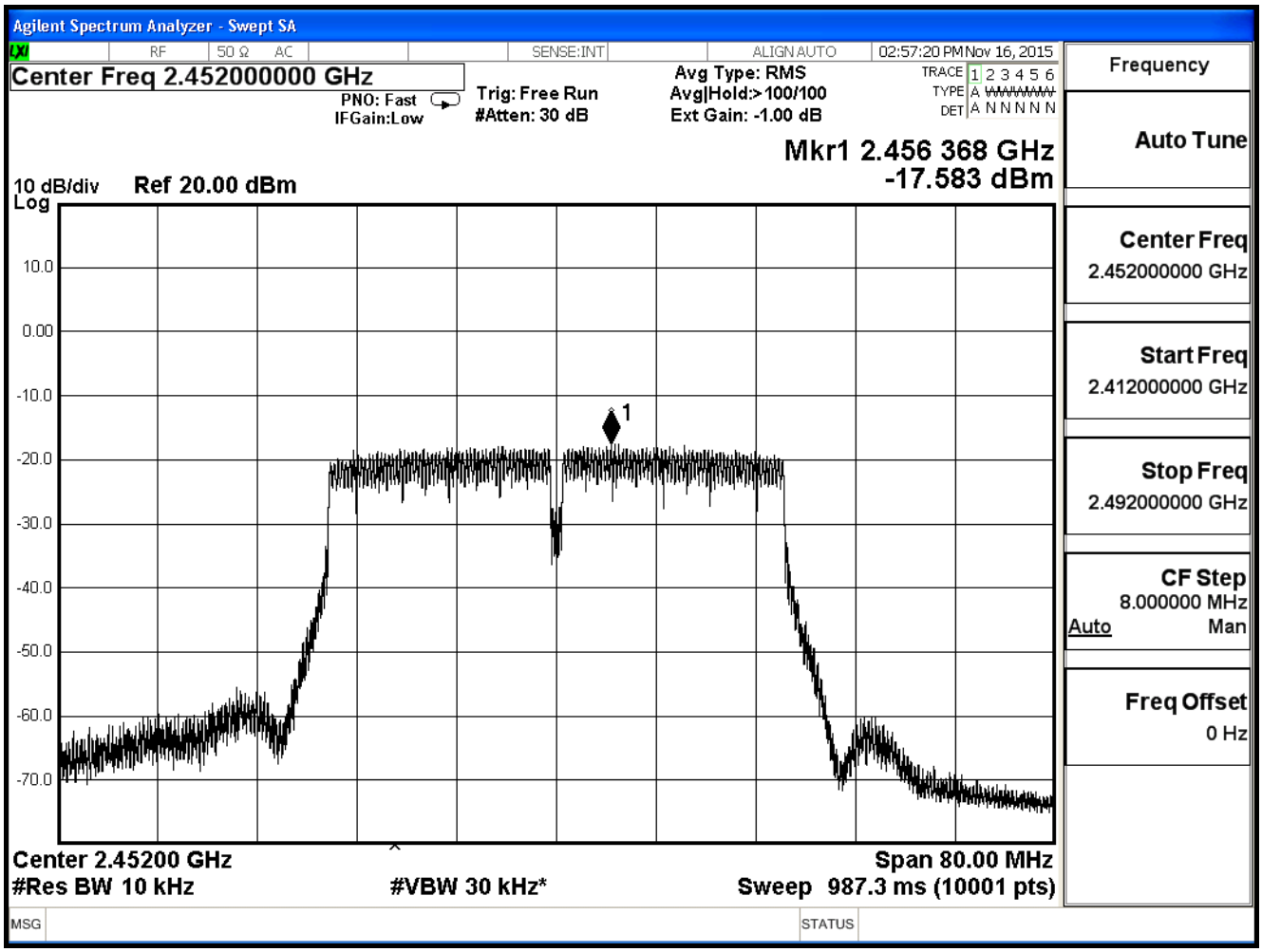
Channel 3



Channel 6


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
03:09:56 PM Nov 16, 2015
Center Freq 2.437000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.441 368 GHz
-13.034 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.43700 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 80.00 MHz
Sweep 987.3 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.397000000 GHz
Stop Freq
2.477000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 9


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
02:57:20 PM Nov 16, 2015
Center Freq 2.452000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 2.456 368 GHz
-17.583 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.45200 GHz
#Res BW 10 kHz
#VBW 30 kHz*
Span 80.00 MHz
Sweep 987.3 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.452000000 GHz
Start Freq
2.412000000 GHz
Stop Freq
2.492000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/16	Test Site	SR7

IEEE 802.11n (40MHz) (ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-9.87	≦5.8	Pass
6	2437	-6.87	≦5.8	Pass
9	2452	-11.23	≦5.8	Pass

Directional Antenna: 10 Log(N)+Ant Gain =6.02+2.18= 8.2dBi

Power Density Limit:8dBm-(8.2dBi-6dB)= 5.8 dBm/MHz

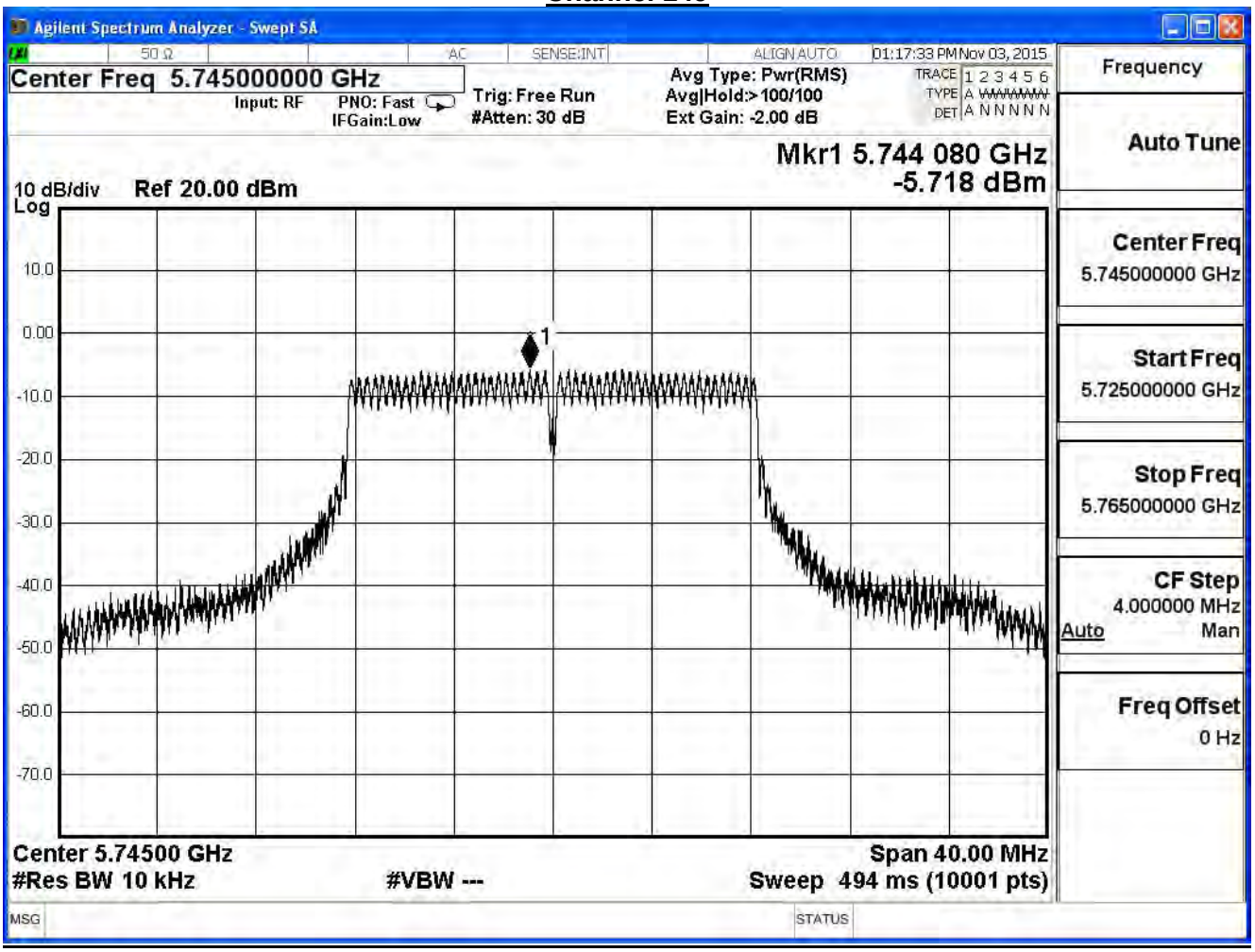
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11a (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-5.72	≦4.79	Pass
157	5785	-5.44	≦4.79	Pass
165	5825	-4.93	≦4.79	Pass

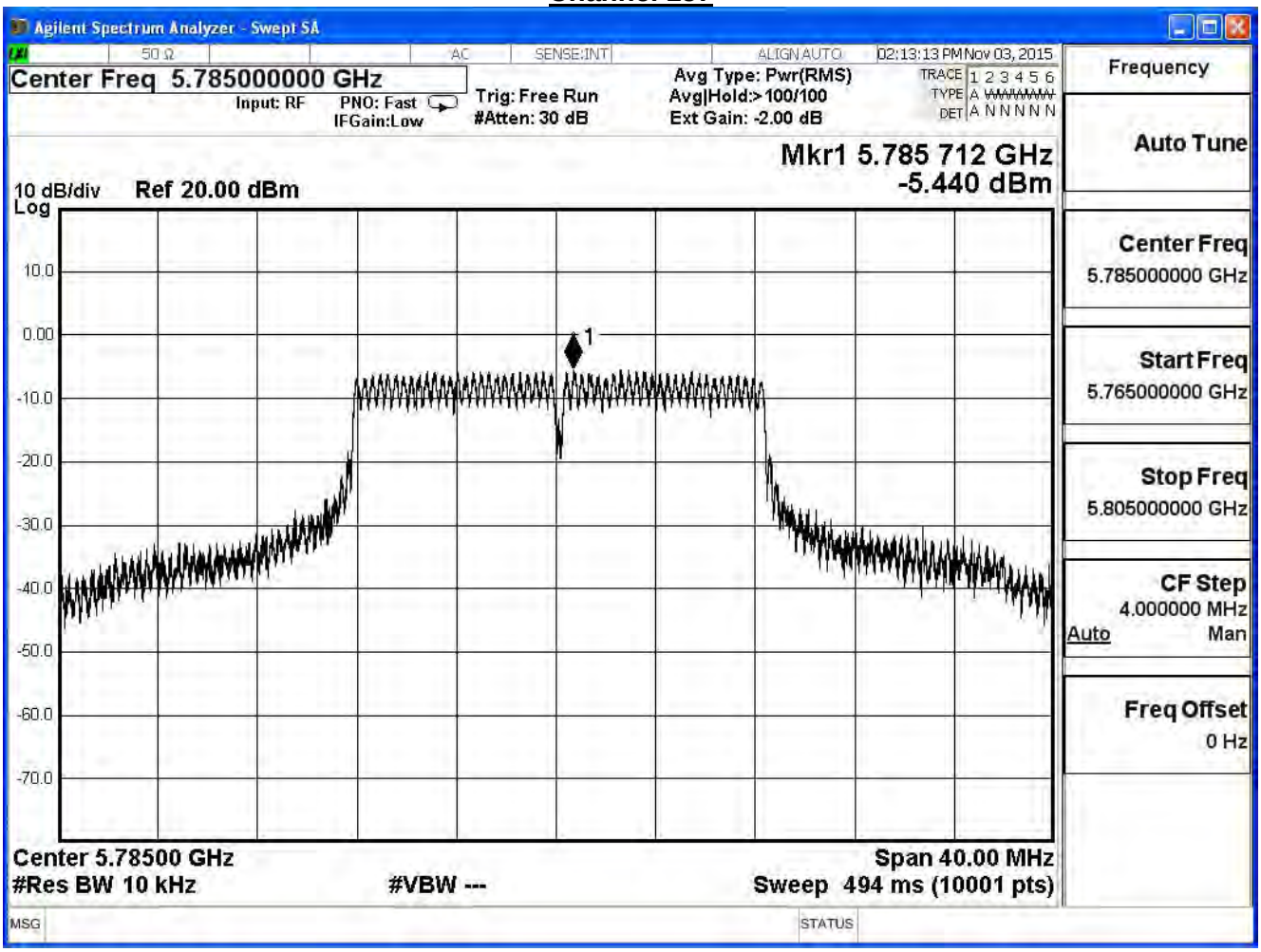
Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

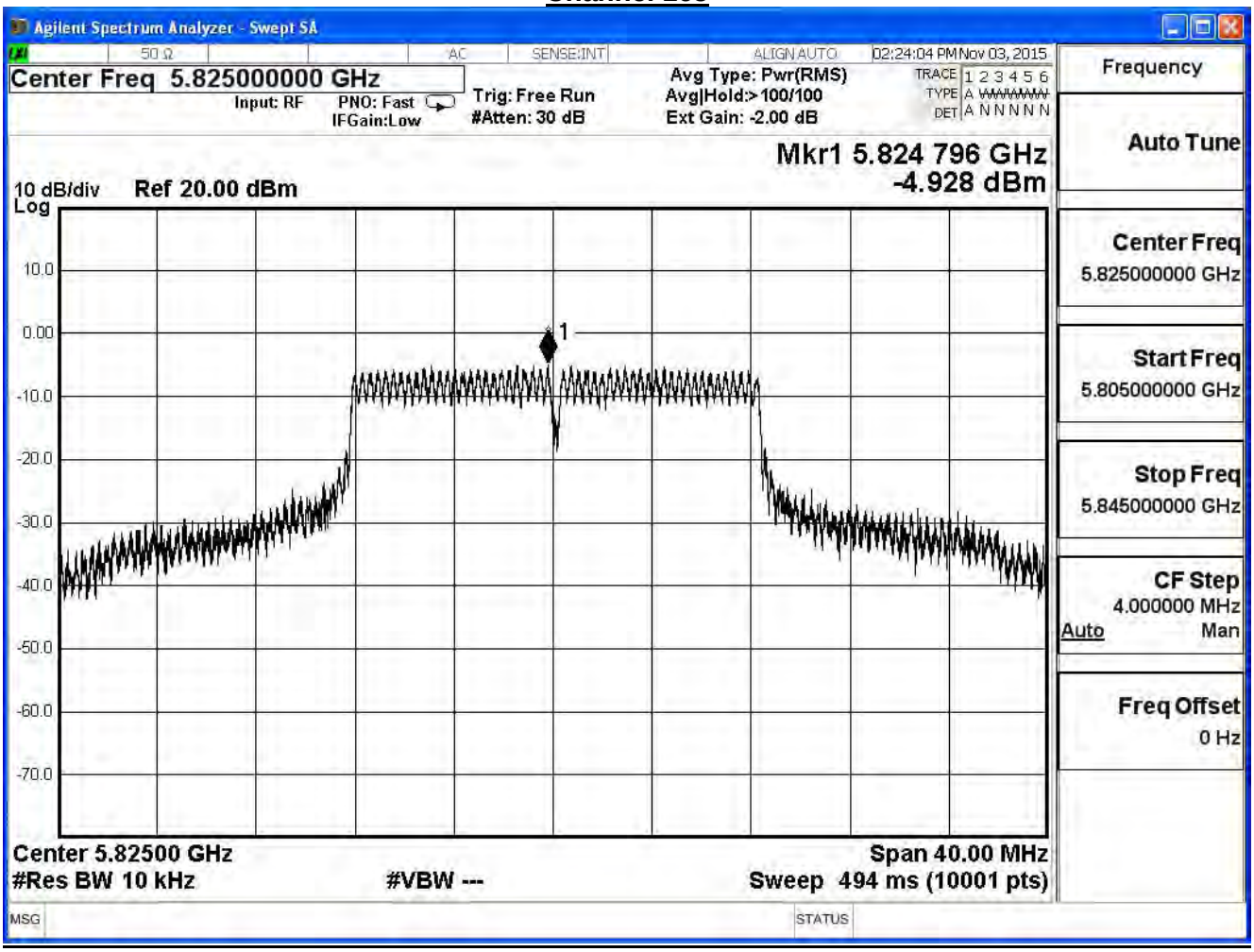
Channel 149



Channel 157


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:13:13 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.785 712 GHz
-5.440 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 5.78500 GHz
#Res BW 10 kHz
#VBW ---
Span 40.00 MHz
Sweep 494 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.765000000 GHz
Stop Freq
5.805000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 165


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:24:04 PM Nov 03, 2015
Center Freq 5.825000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.824 796 GHz
-4.928 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 5.82500 GHz
#Res BW 10 kHz
#VBW ---
Span 40.00 MHz
Sweep 494 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.805000000 GHz
Stop Freq
5.845000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

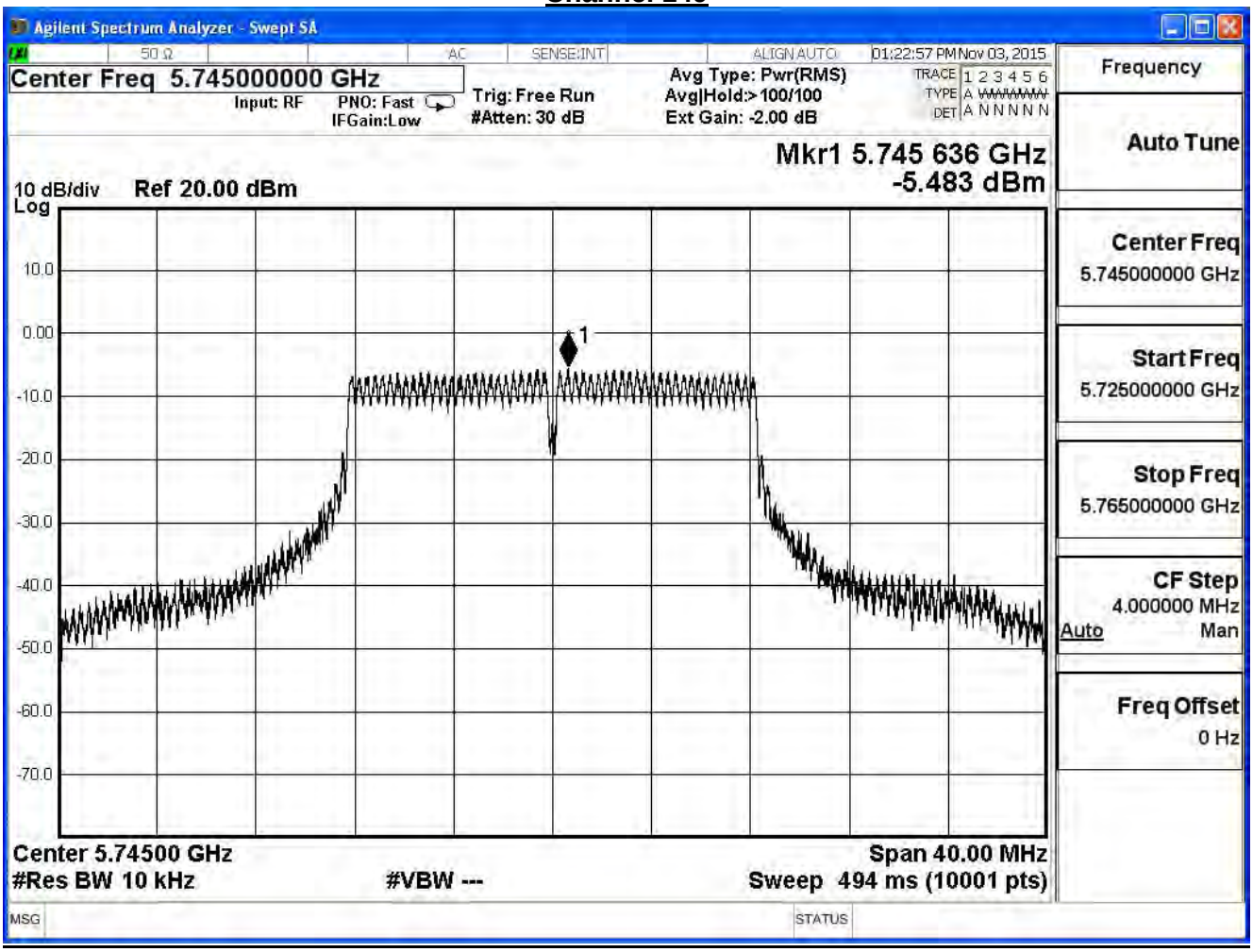
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11a (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-5.48	≦4.79	Pass
157	5785	-4.99	≦4.79	Pass
165	5825	-4.68	≦4.79	Pass

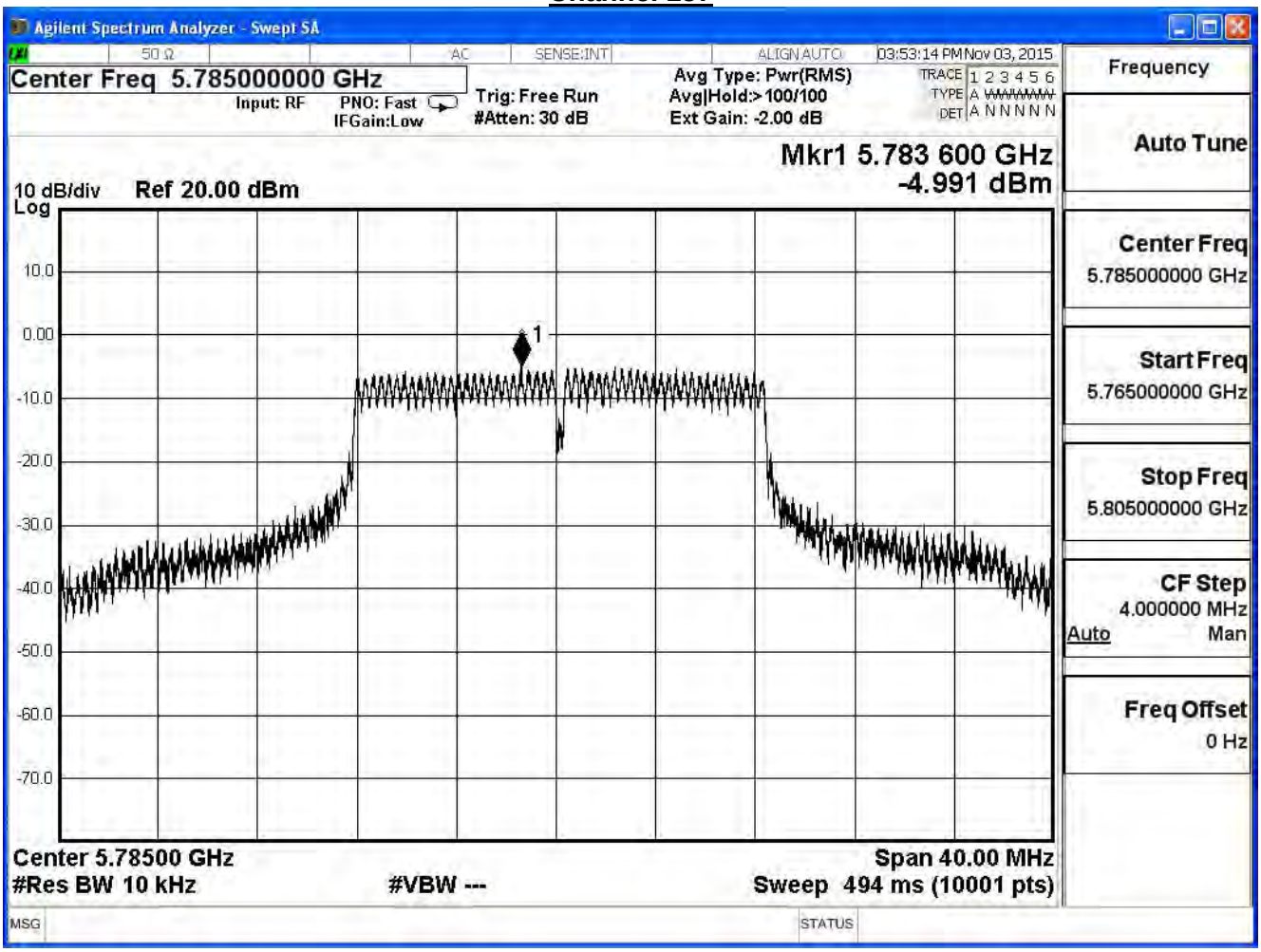
Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

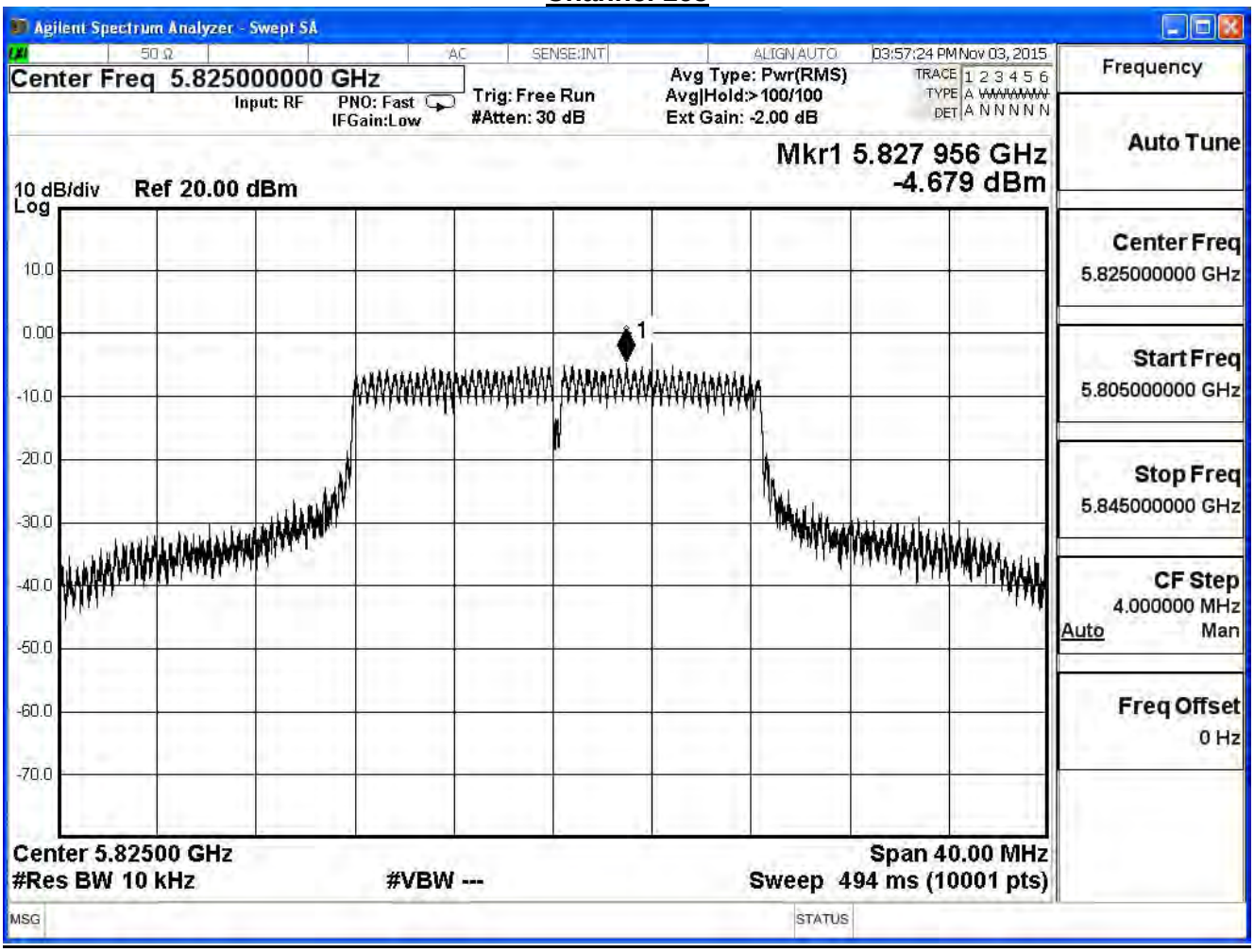
Channel 149



Channel 157


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.785000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
03:53:14 PM Nov 03, 2015
Mkr1 5.783 600 GHz
-4.991 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 5.78500 GHz
#Res BW 10 kHz
#VBW ---
Span 40.00 MHz
Sweep 494 ms (10001 pts)
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.765000000 GHz
Stop Freq
5.805000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Channel 165


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:57:24 PM Nov 03, 2015
Center Freq 5.825000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.827 956 GHz
-4.679 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 5.82500 GHz
#Res BW 10 kHz
#VBW ---
Span 40.00 MHz
Sweep 494 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.805000000 GHz
Stop Freq
5.845000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

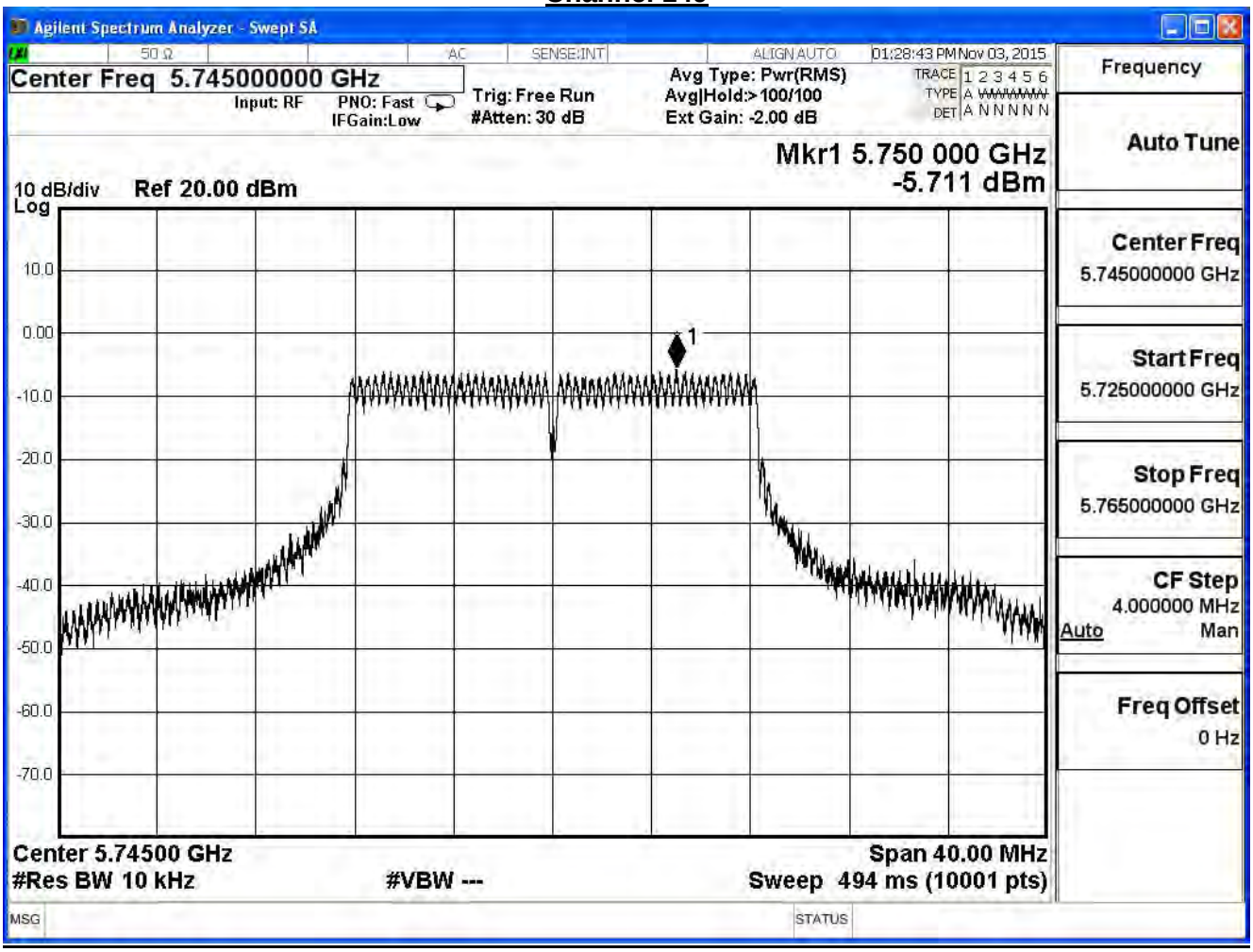
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11a (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-5.71	≦4.79	Pass
157	5785	-5.72	≦4.79	Pass
165	5825	-5.63	≦4.79	Pass

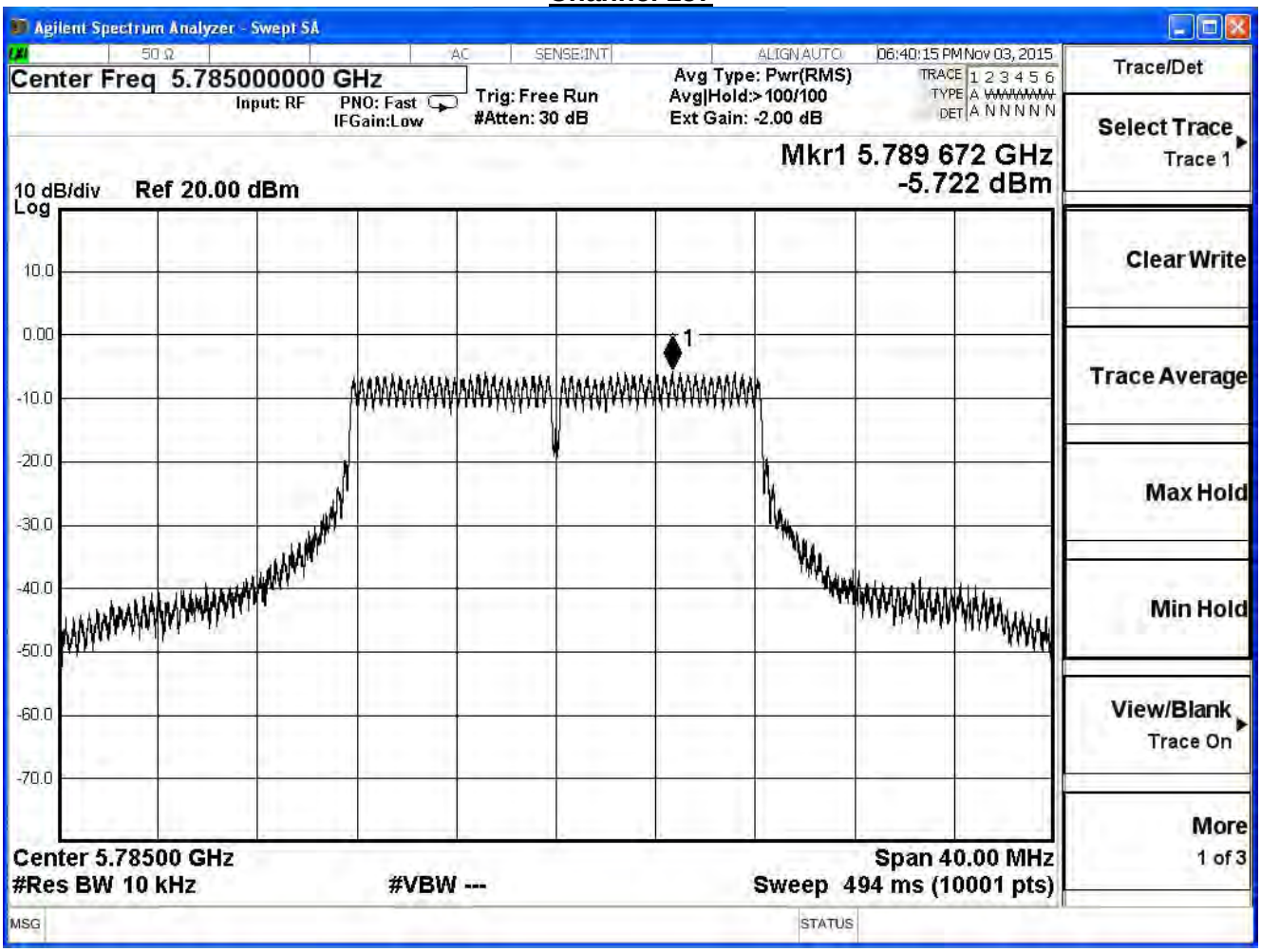
Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

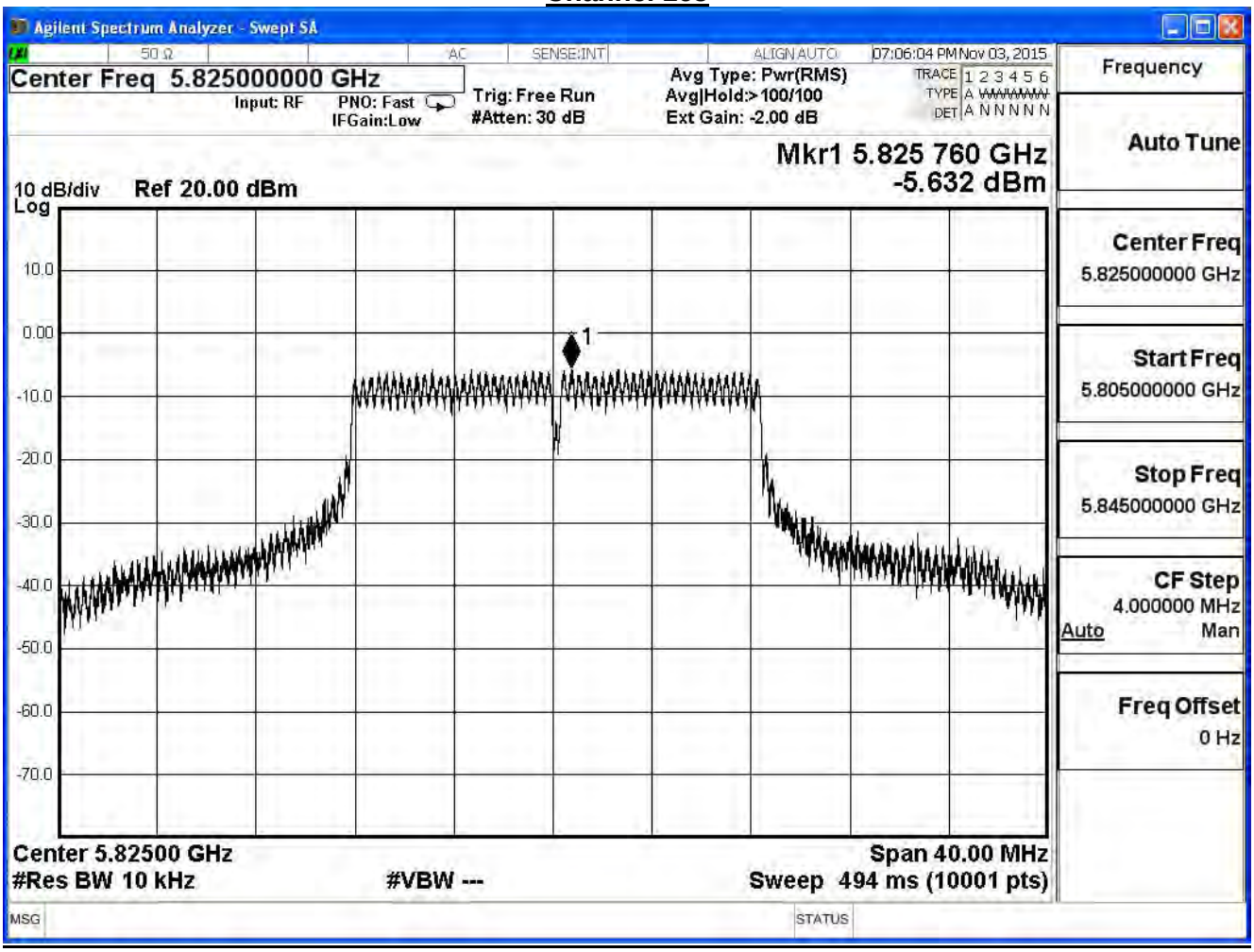
Channel 149



Channel 157


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:40:15 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.789 672 GHz
-5.722 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 5.78500 GHz
#Res BW 10 kHz
#VBW ---
Span 40.00 MHz
Sweep 494 ms (10001 pts)
MSG
STATUS
Trace/Det
Select Trace
Trace 1
Clear Write
Trace Average
Max Hold
Min Hold
View/Blank
Trace On
More
1 of 3

Channel 165


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:06:04 PM Nov 03, 2015
Center Freq 5.825000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.825 760 GHz
-5.632 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 5.82500 GHz
#Res BW 10 kHz
#VBW ---
Span 40.00 MHz
Sweep 494 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.805000000 GHz
Stop Freq
5.845000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

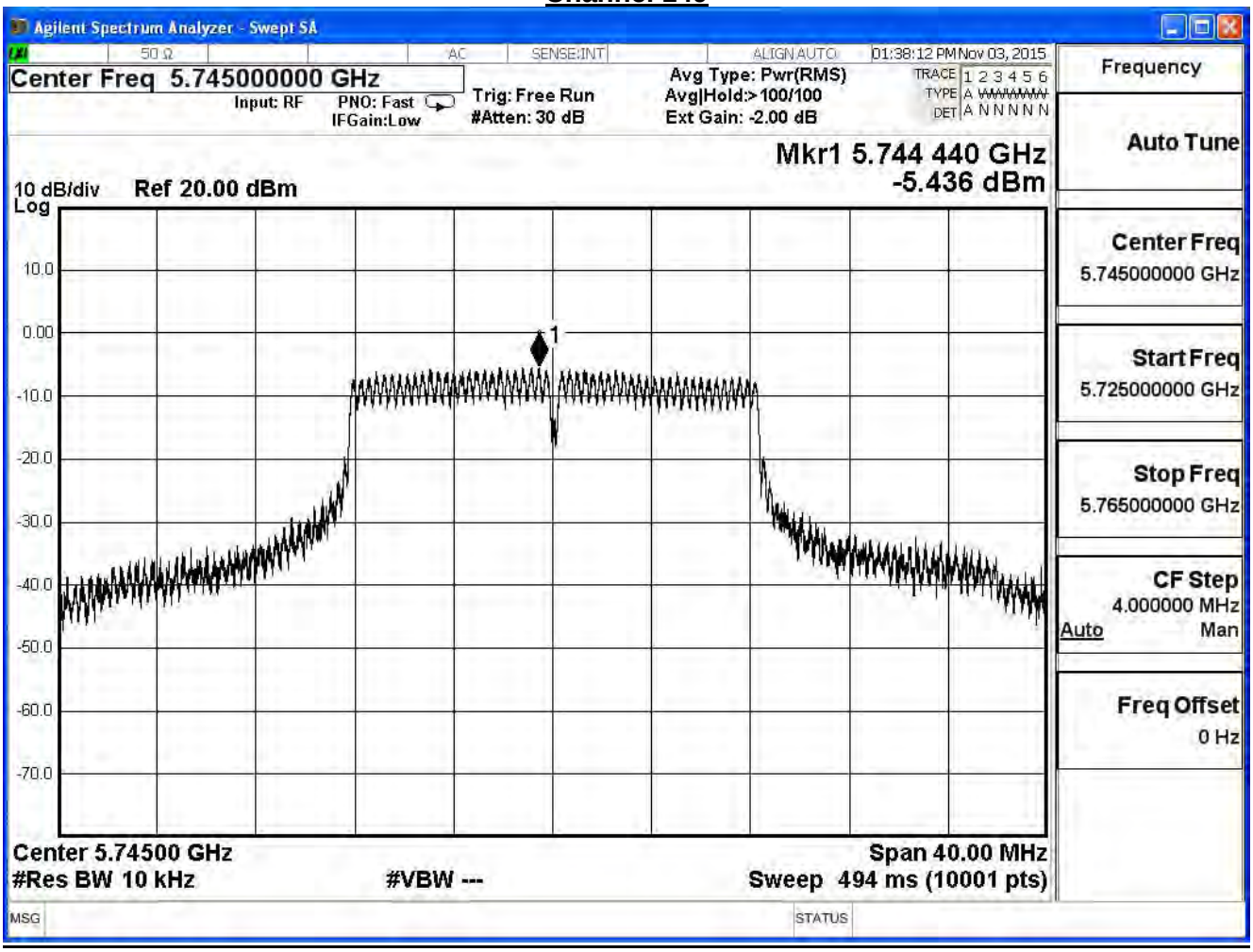
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11a (ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-5.44	≦4.79	Pass
157	5785	-5.26	≦4.79	Pass
165	5825	-5.43	≦4.79	Pass

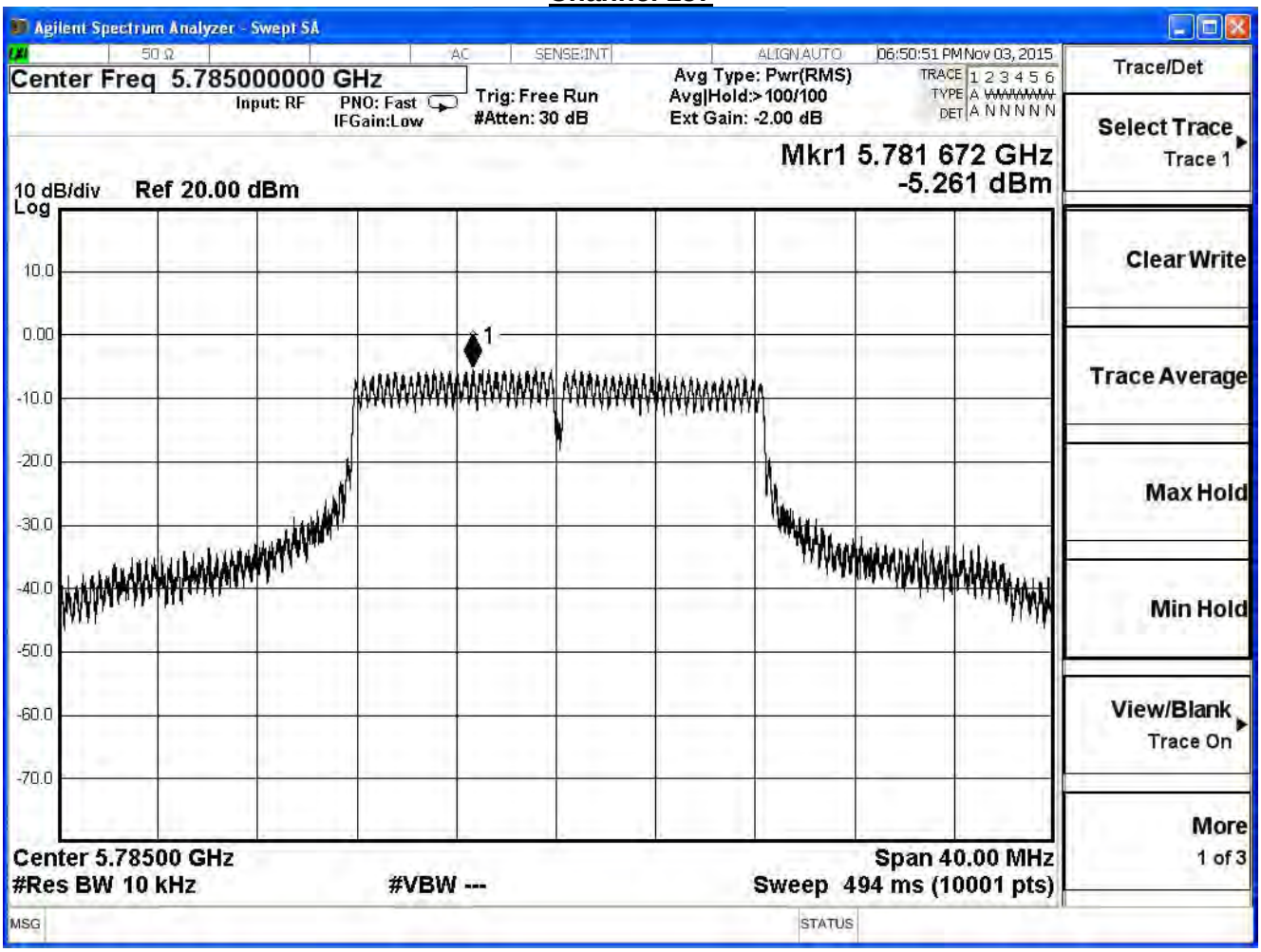
Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

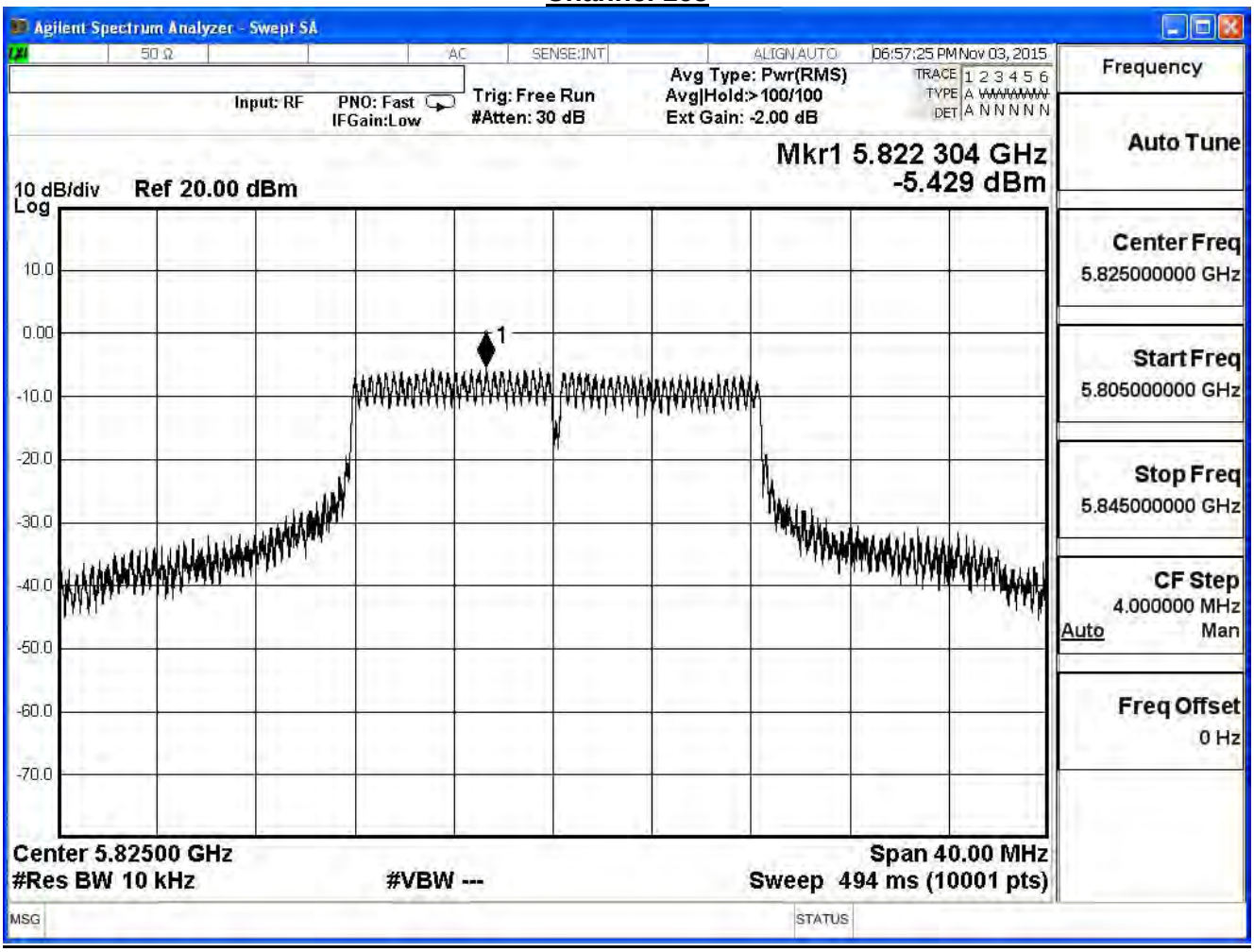
Channel 149



Channel 157


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:50:51 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.781 672 GHz
-5.261 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 5.78500 GHz
#Res BW 10 kHz
#VBW ---
Span 40.00 MHz
Sweep 494 ms (10001 pts)
MSG
STATUS
Trace/Det
Select Trace
Trace 1
Clear Write
Trace Average
Max Hold
Min Hold
View/Blank
Trace On
More
1 of 3

Channel 165


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:57:25 PM Nov 03, 2015
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.822 304 GHz
-5.429 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 5.82500 GHz
#Res BW 10 kHz
#VBW ---
Span 40.00 MHz
Sweep 494 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.805000000 GHz
Stop Freq
5.845000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11a (ANT 0+1+2+3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	0.44	≦4.79	Pass
157	5785	0.68	≦4.79	Pass
165	5825	0.87	≦4.79	Pass

Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

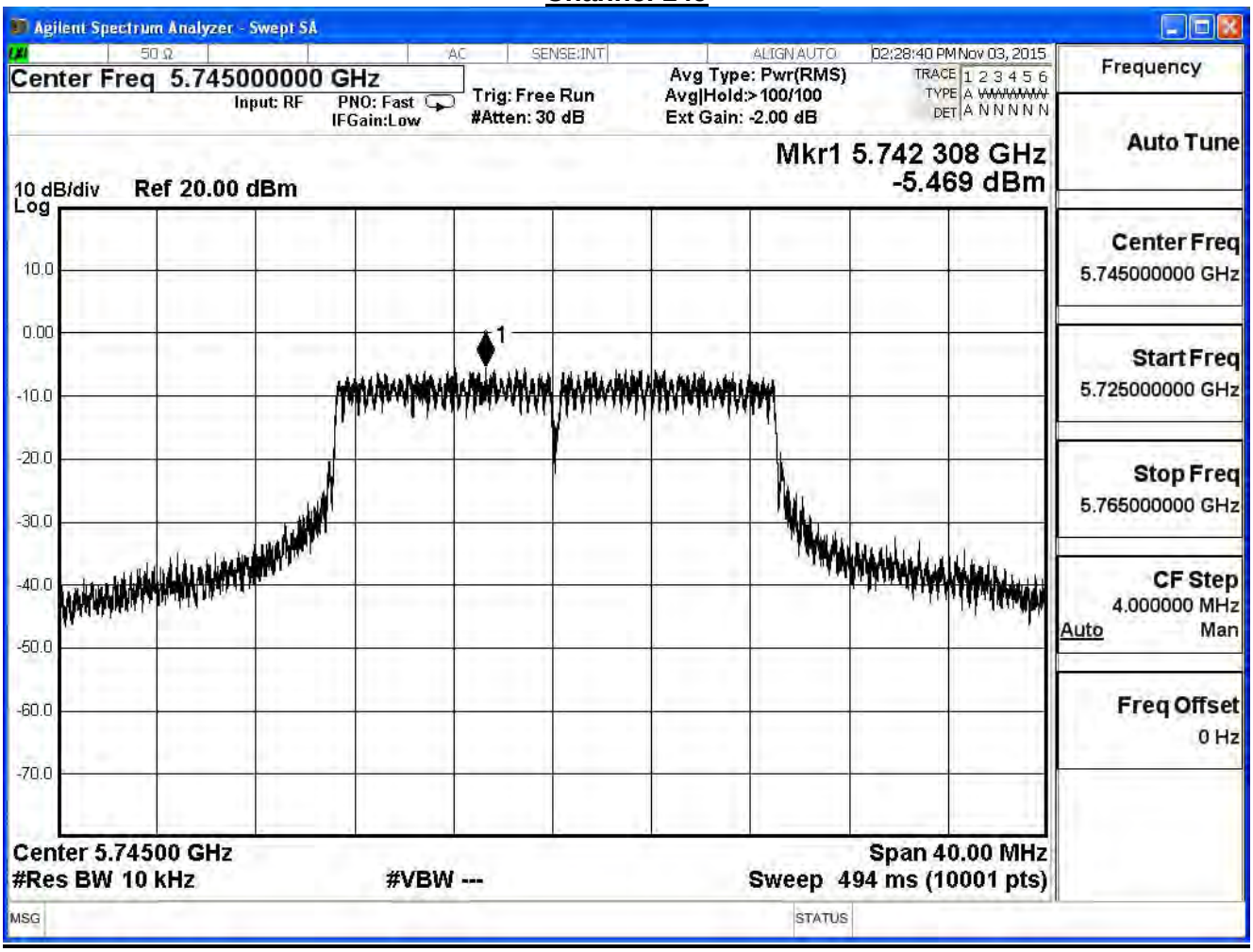
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE802.11n_20MHz_(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-5.47	≦4.79	Pass
157	5785	-5.51	≦4.79	Pass
165	5825	-5.04	≦4.79	Pass

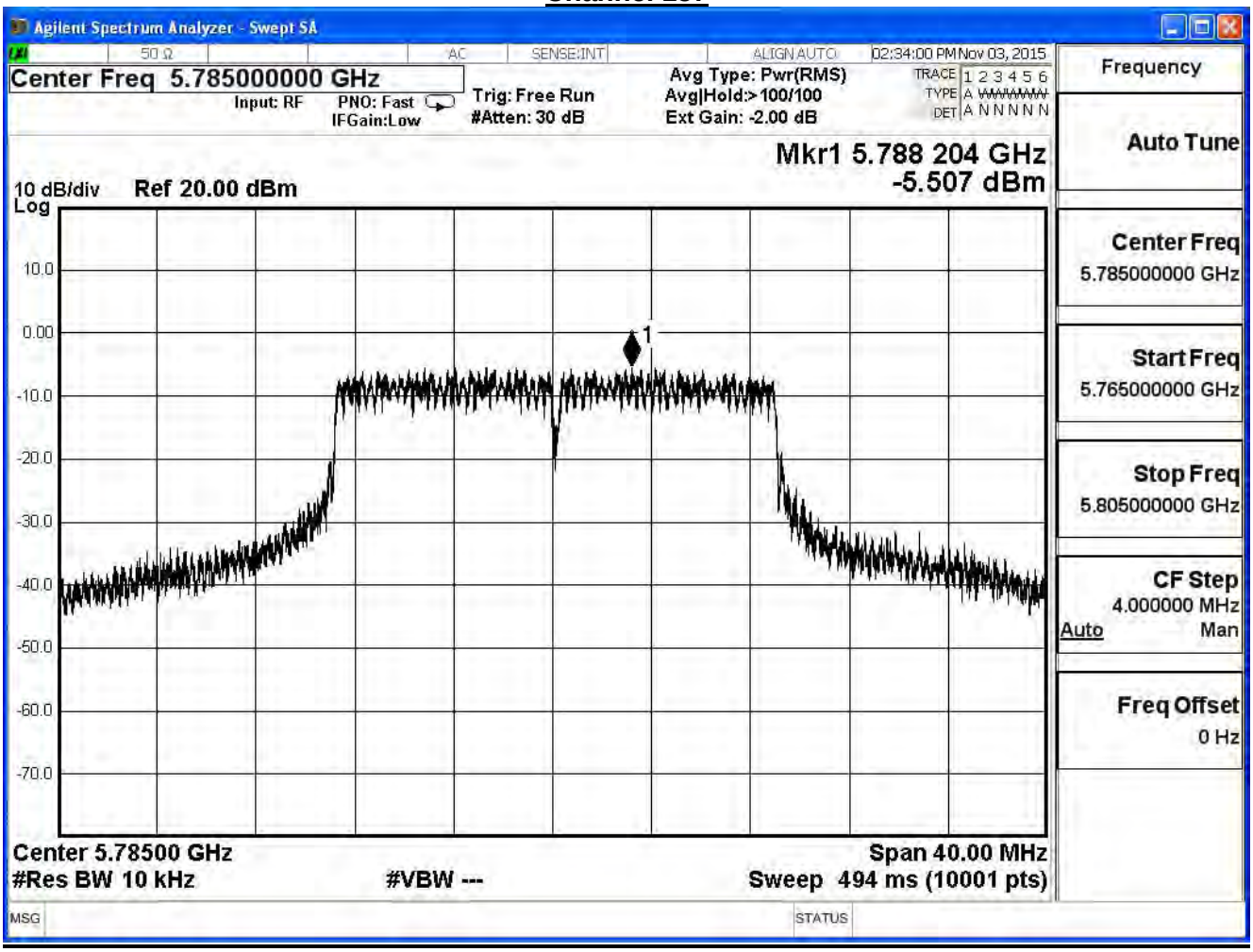
Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

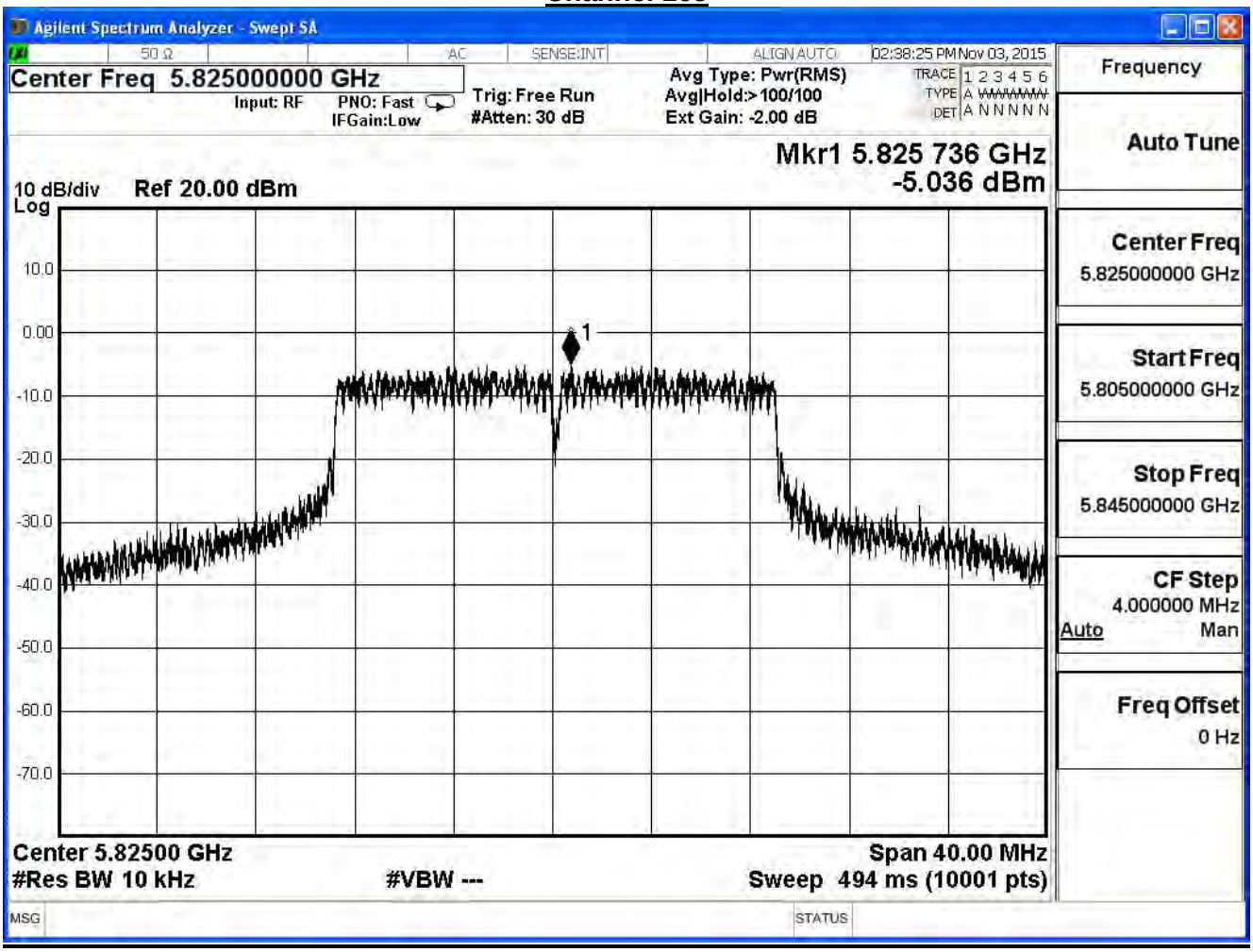
Channel 149



Channel 157


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:34:00 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.788 204 GHz
-5.507 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 5.78500 GHz
#Res BW 10 kHz
#VBW ---
Span 40.00 MHz
Sweep 494 ms (10001 pts)
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.765000000 GHz
Stop Freq
5.805000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Channel 165


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:38:25 PM Nov 03, 2015
Center Freq 5.825000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.825 736 GHz
-5.036 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 5.82500 GHz
#Res BW 10 kHz
#VBW ---
Span 40.00 MHz
Sweep 494 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.805000000 GHz
Stop Freq
5.845000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

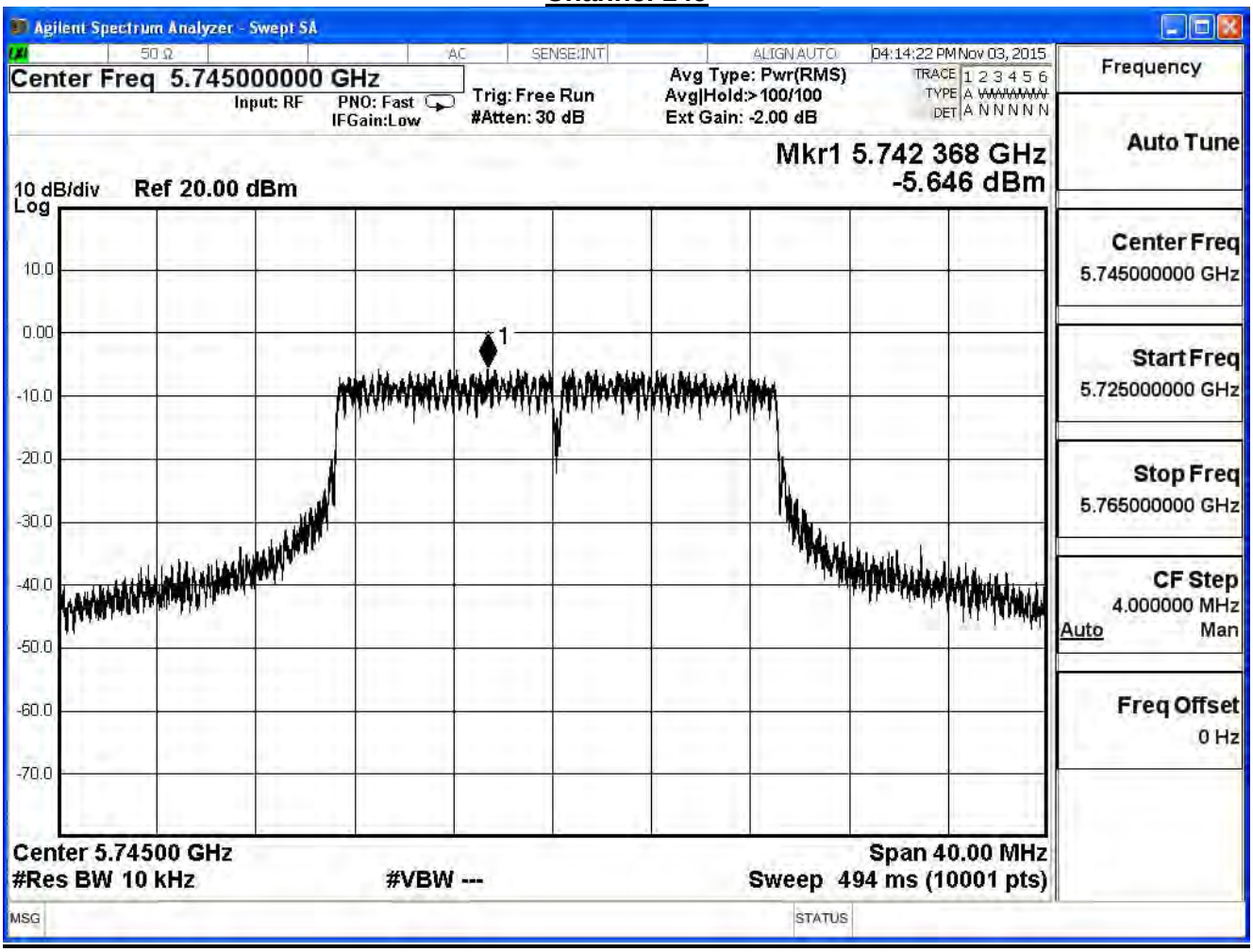
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE802.11n_20MHz_(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-5.65	≦4.79	Pass
157	5785	-5.06	≦4.79	Pass
165	5825	-4.94	≦4.79	Pass

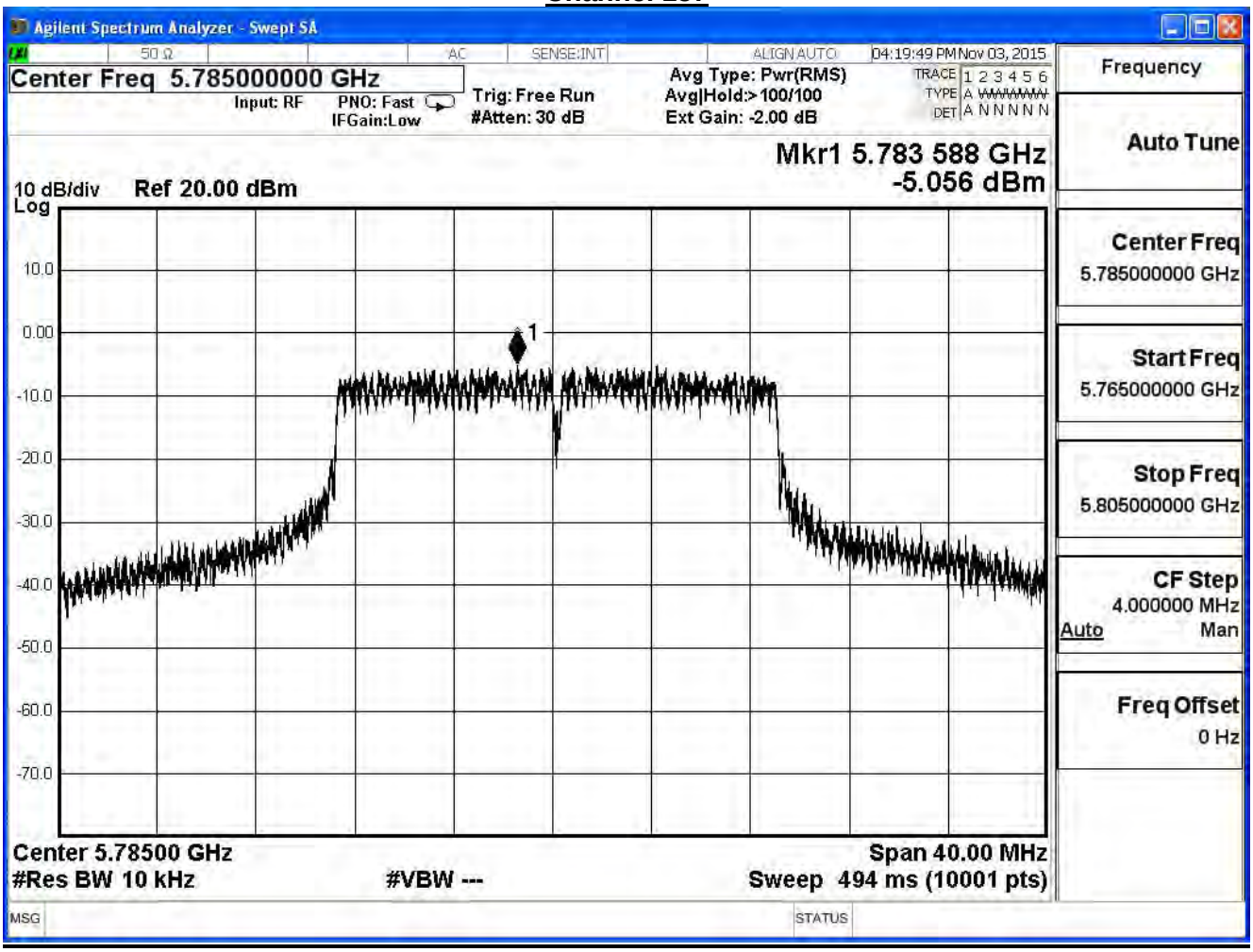
Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

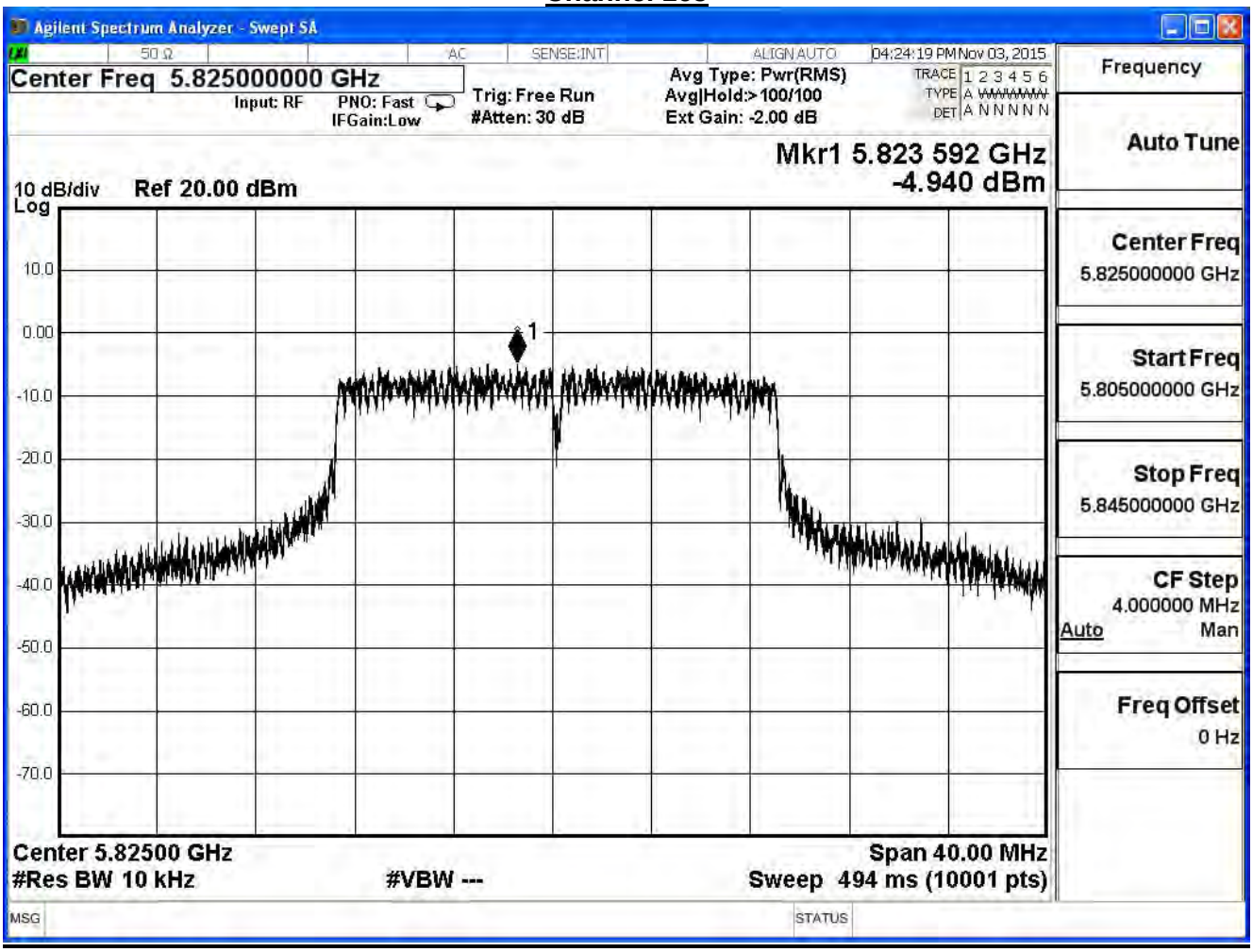
Channel 149



Channel 157


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:19:49 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.783 588 GHz
-5.056 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 5.78500 GHz
#Res BW 10 kHz
#VBW ---
Span 40.00 MHz
Sweep 494 ms (10001 pts)
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.765000000 GHz
Stop Freq
5.805000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Channel 165


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:24:19 PM Nov 03, 2015
Center Freq 5.825000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.823 592 GHz
-4.940 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 5.82500 GHz
#Res BW 10 kHz
#VBW ---
Span 40.00 MHz
Sweep 494 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.805000000 GHz
Stop Freq
5.845000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

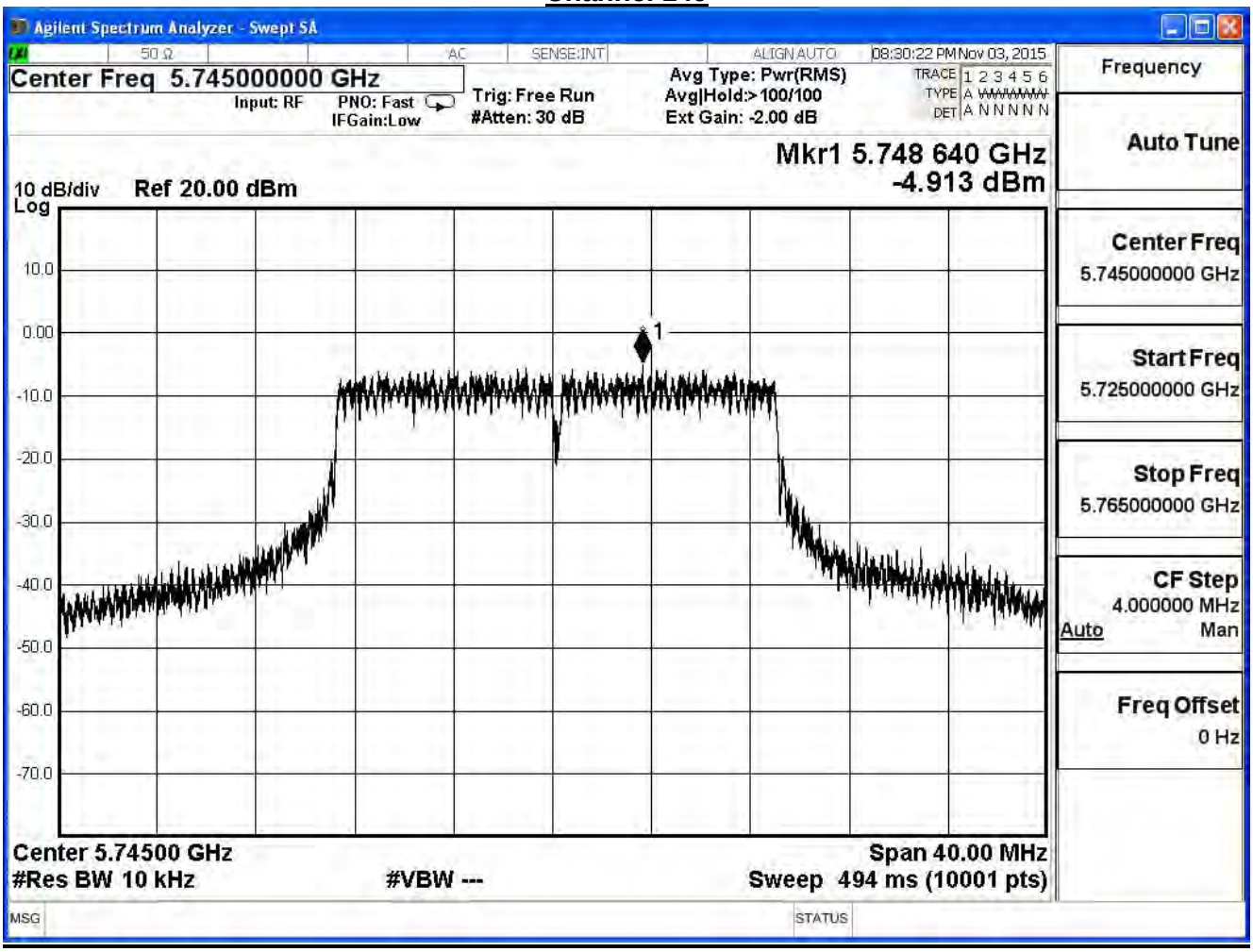
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE802.11n_20MHz_(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-4.91	≦4.79	Pass
157	5785	-5.62	≦4.79	Pass
165	5825	-5.23	≦4.79	Pass

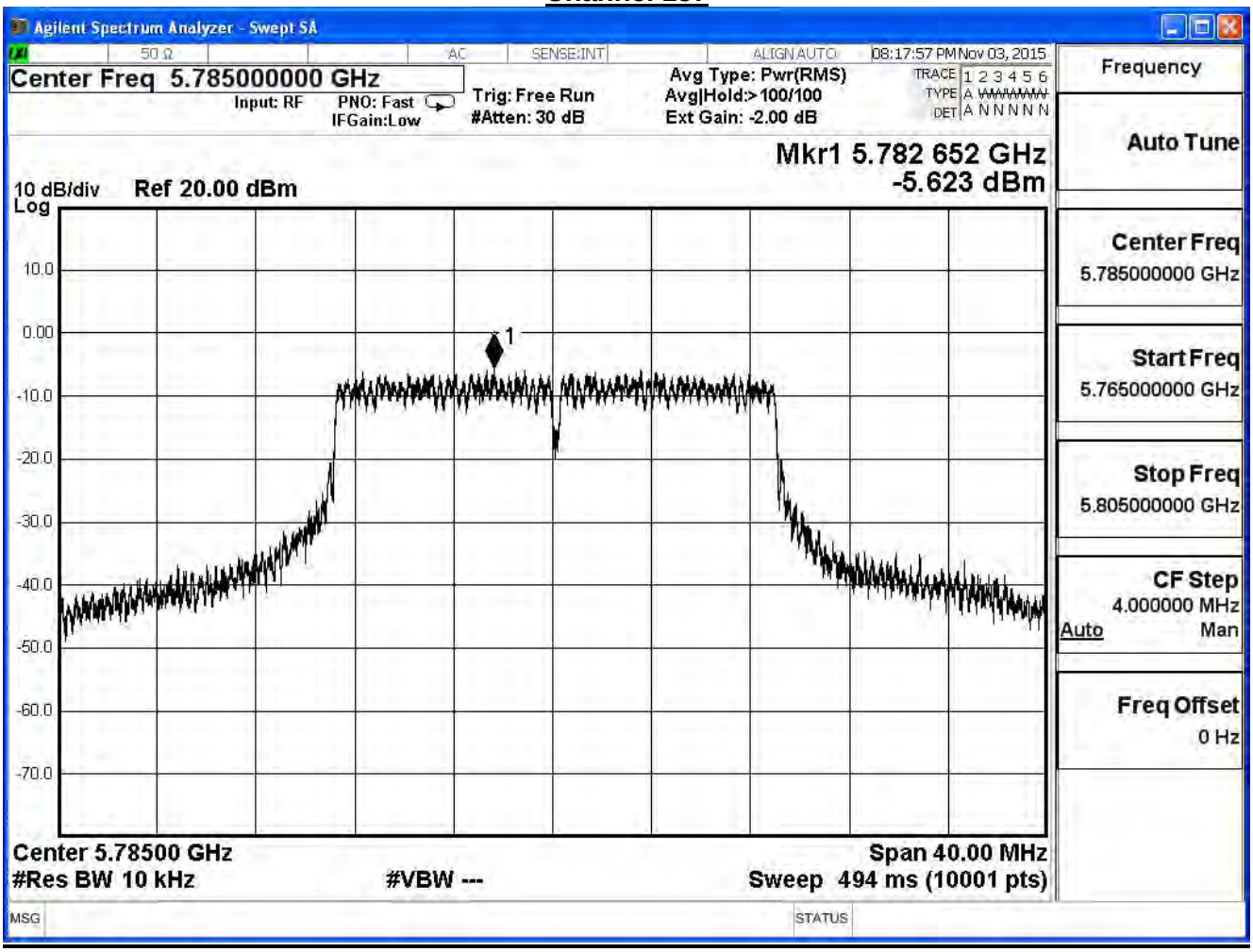
Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

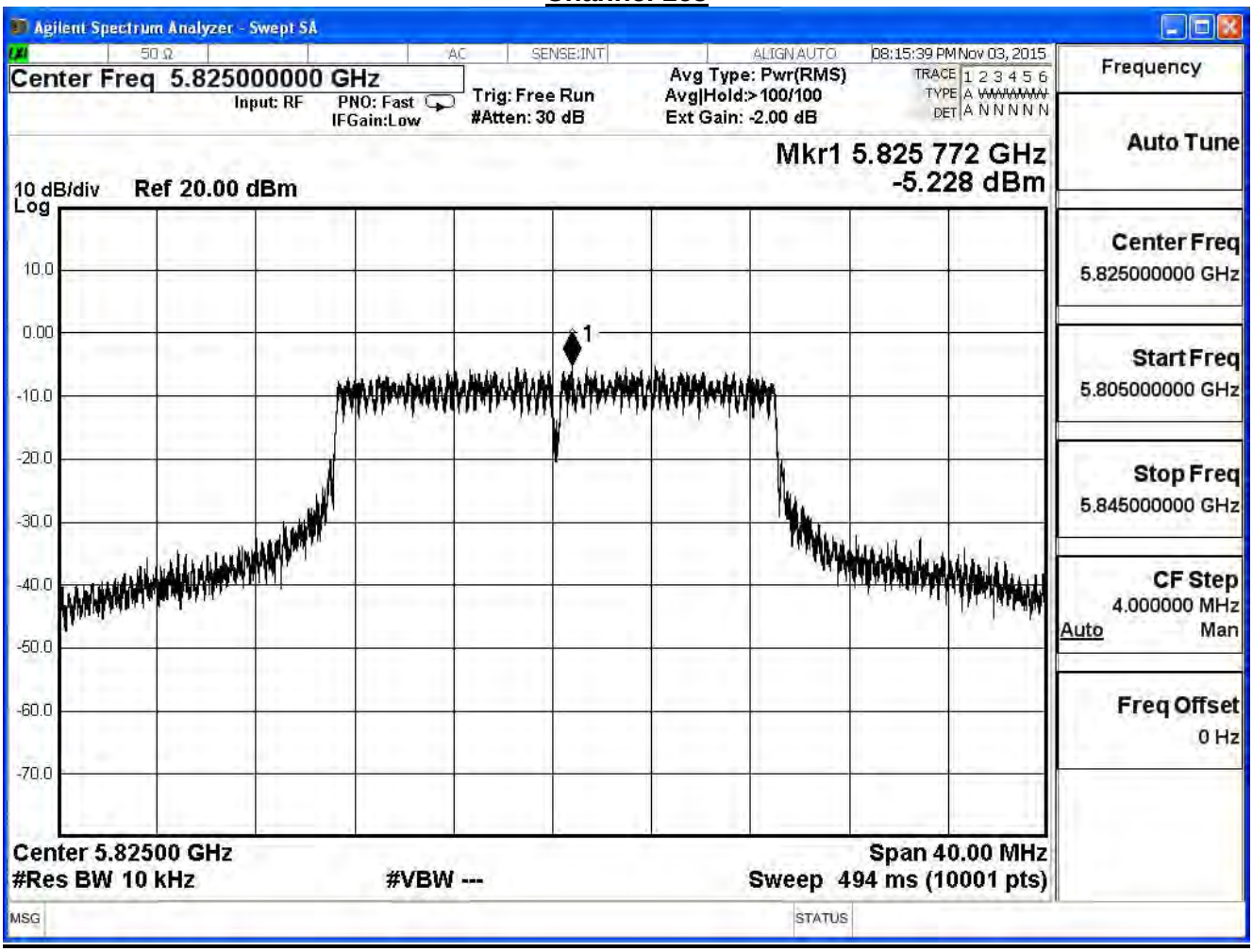
Channel 149



Channel 157


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:17:57 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.782 652 GHz
-5.623 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 5.78500 GHz
#Res BW 10 kHz
#VBW ---
Span 40.00 MHz
Sweep 494 ms (10001 pts)
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.765000000 GHz
Stop Freq
5.805000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Channel 165


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:15:39 PM Nov 03, 2015
Center Freq 5.825000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.825 772 GHz
-5.228 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 5.82500 GHz
#Res BW 10 kHz
#VBW ---
Span 40.00 MHz
Sweep 494 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.805000000 GHz
Stop Freq
5.845000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

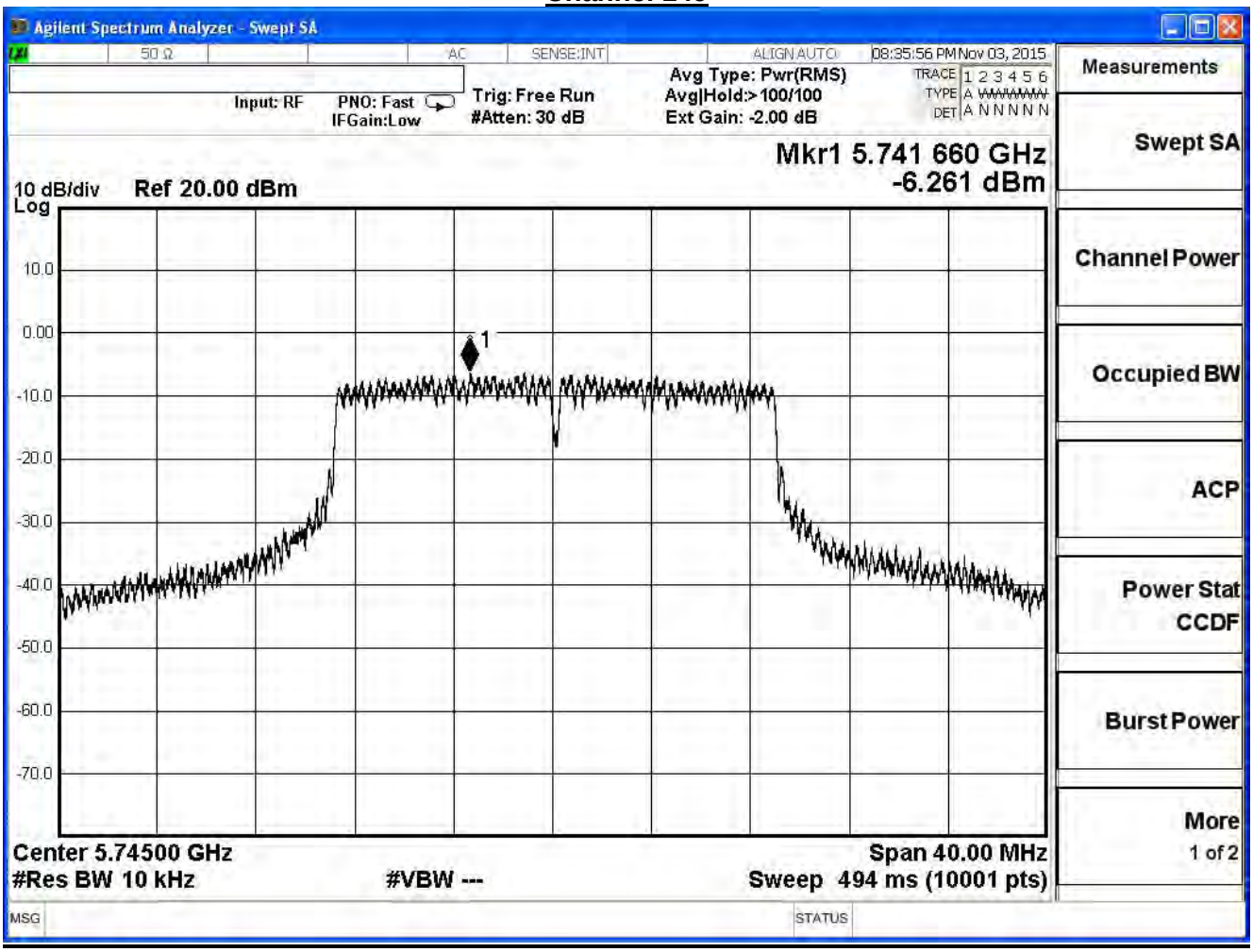
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE802.11n_20MHz_(ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-6.26	≦4.79	Pass
157	5785	-5.30	≦4.79	Pass
165	5825	-5.14	≦4.79	Pass

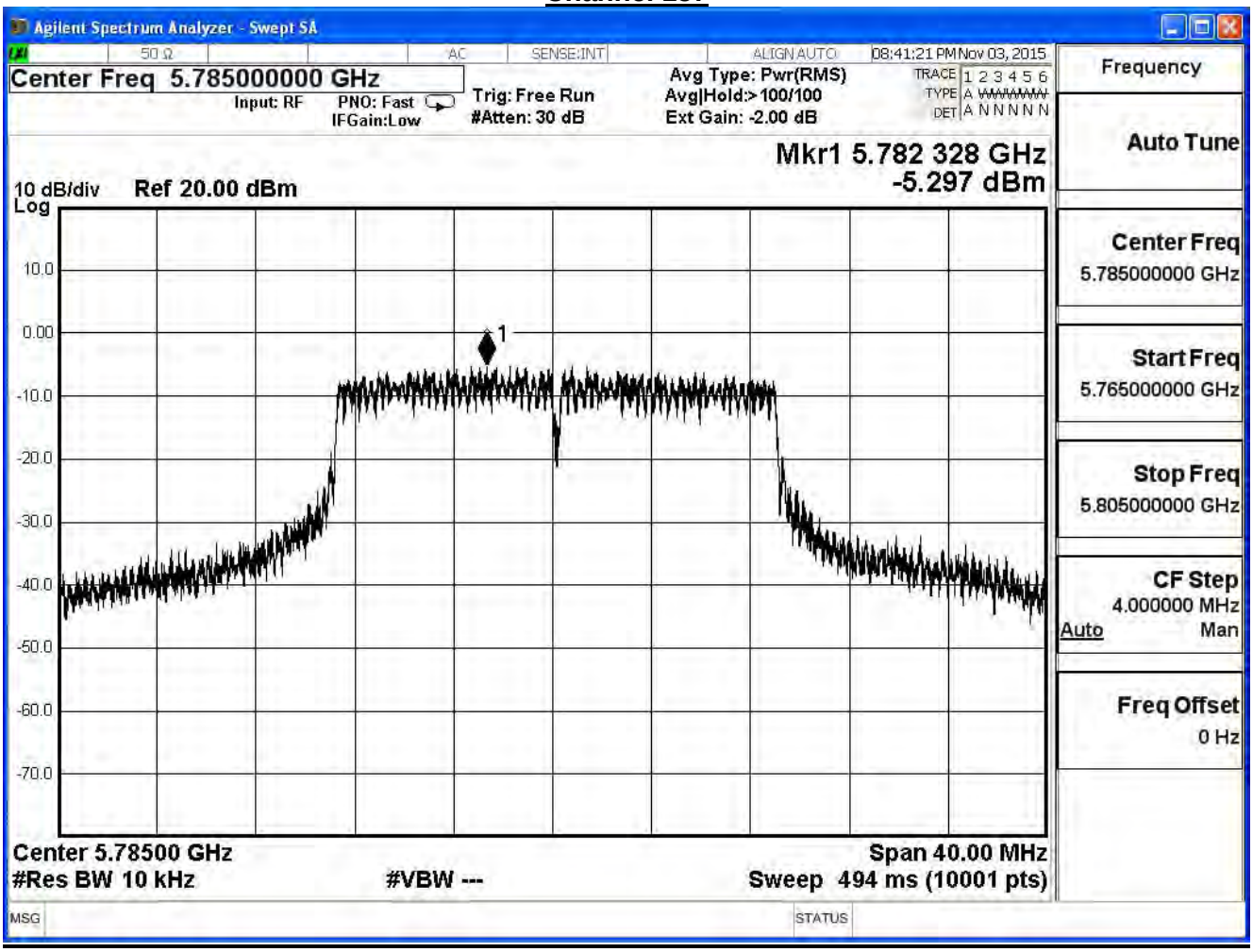
Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

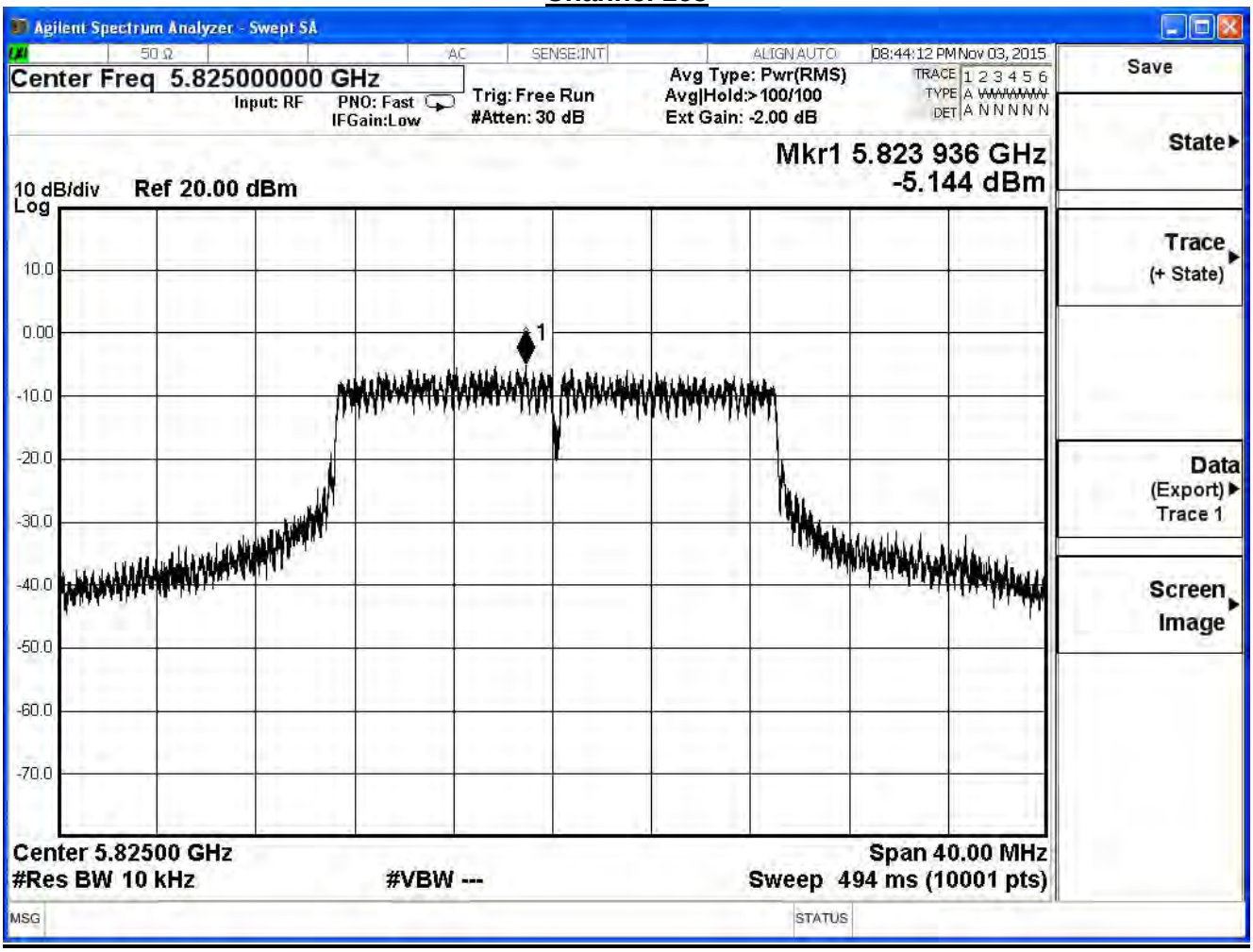
Channel 149



Channel 157


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:41:21 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.782 328 GHz
-5.297 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 5.78500 GHz
#Res BW 10 kHz
#VBW ---
Span 40.00 MHz
Sweep 494 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.765000000 GHz
Stop Freq
5.805000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 165


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:44:12 PM Nov 03, 2015
Center Freq 5.825000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.823 936 GHz
-5.144 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 5.82500 GHz
#Res BW 10 kHz
#VBW ---
Span 40.00 MHz
Sweep 494 ms (10001 pts)
MSG
STATUS
Save
State
Trace
(+ State)
Data
(Export)
Trace 1
Screen
Image

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE802.11n 20MHz(ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	0.47	≦4.79	Pass
157	5785	0.66	≦4.79	Pass
165	5825	0.93	≦4.79	Pass

Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

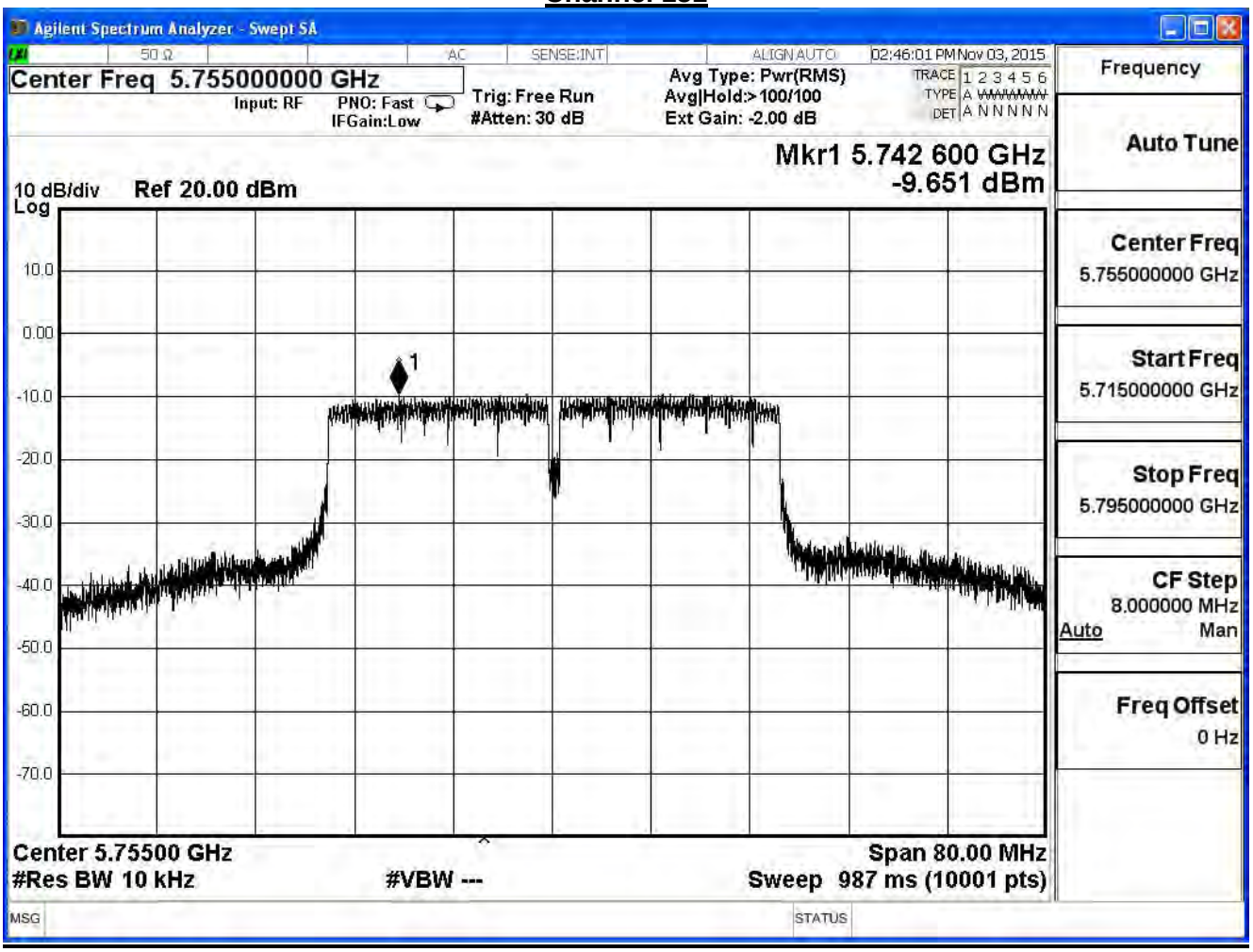
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11n_40MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-9.65	≦4.79	Pass
159	5795	-8.59	≦4.79	Pass

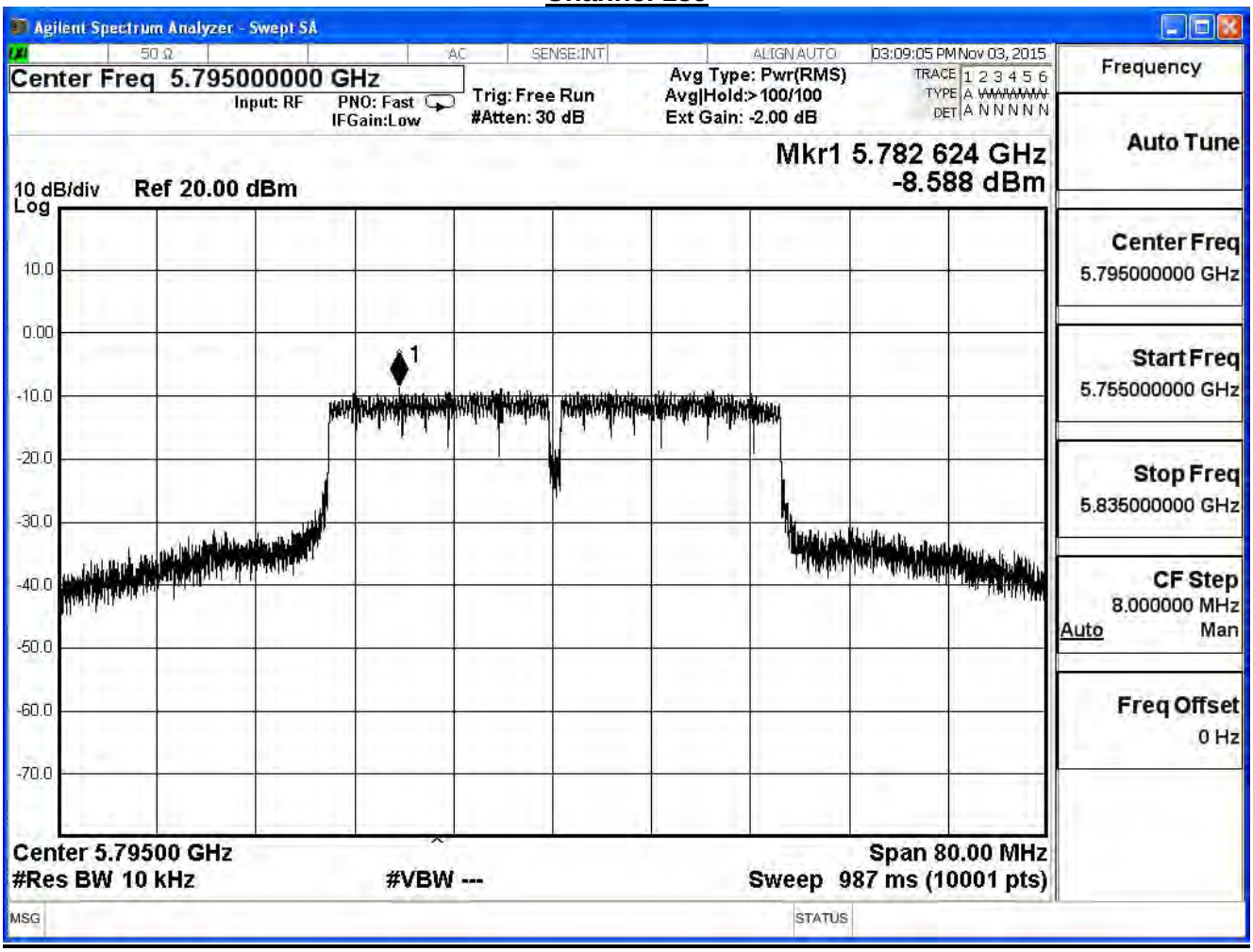
Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

Channel 151



Channel 159


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:09:05 PM Nov 03, 2015
Center Freq 5.795000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.782 624 GHz
-8.588 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 5.79500 GHz
#Res BW 10 kHz
#VBW ---
Span 80.00 MHz
Sweep 987 ms (10001 pts)
Frequency
Auto Tune
Center Freq
5.795000000 GHz
Start Freq
5.755000000 GHz
Stop Freq
5.835000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

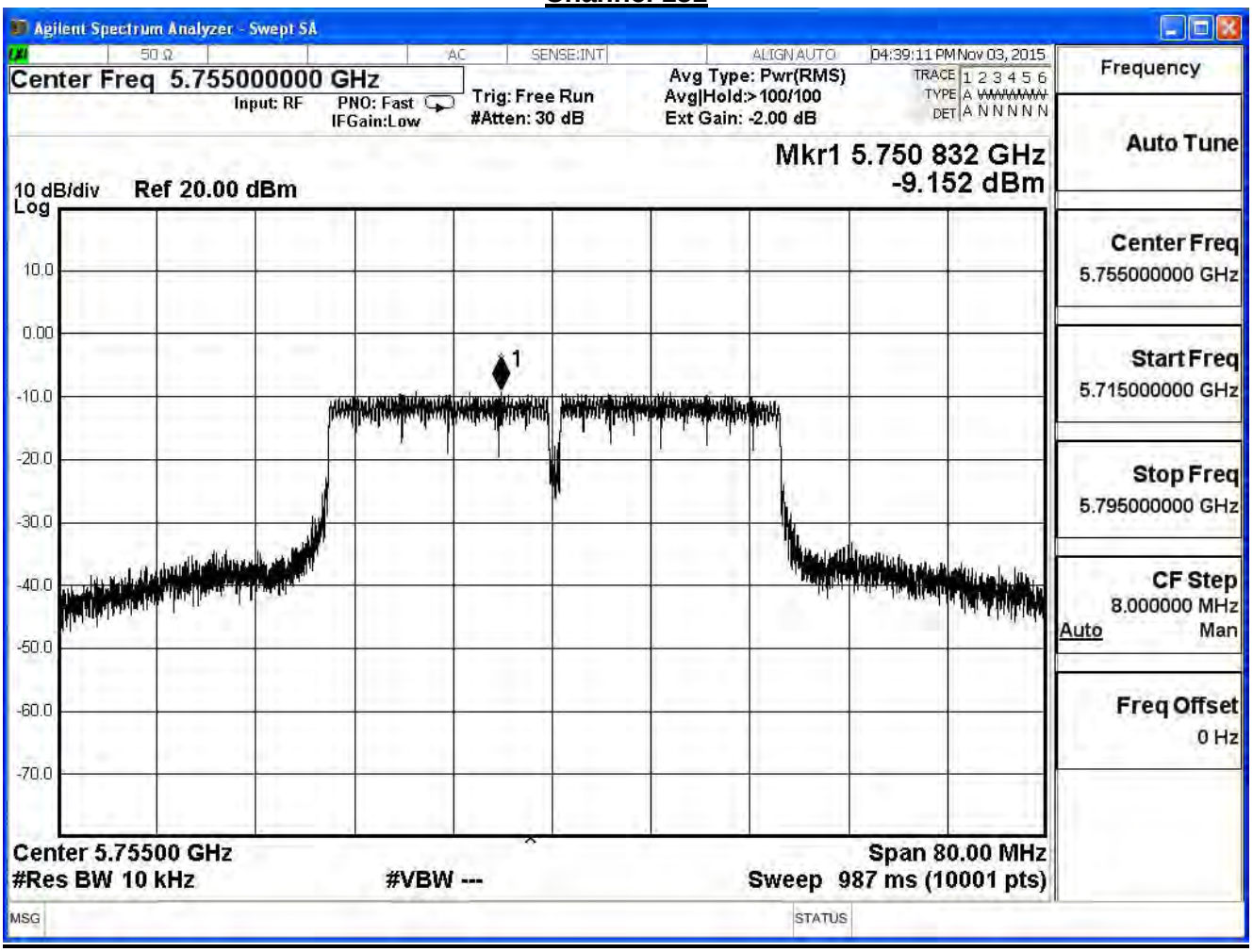
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11n_40MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-9.15	≦4.79	Pass
159	5795	-8.82	≦4.79	Pass

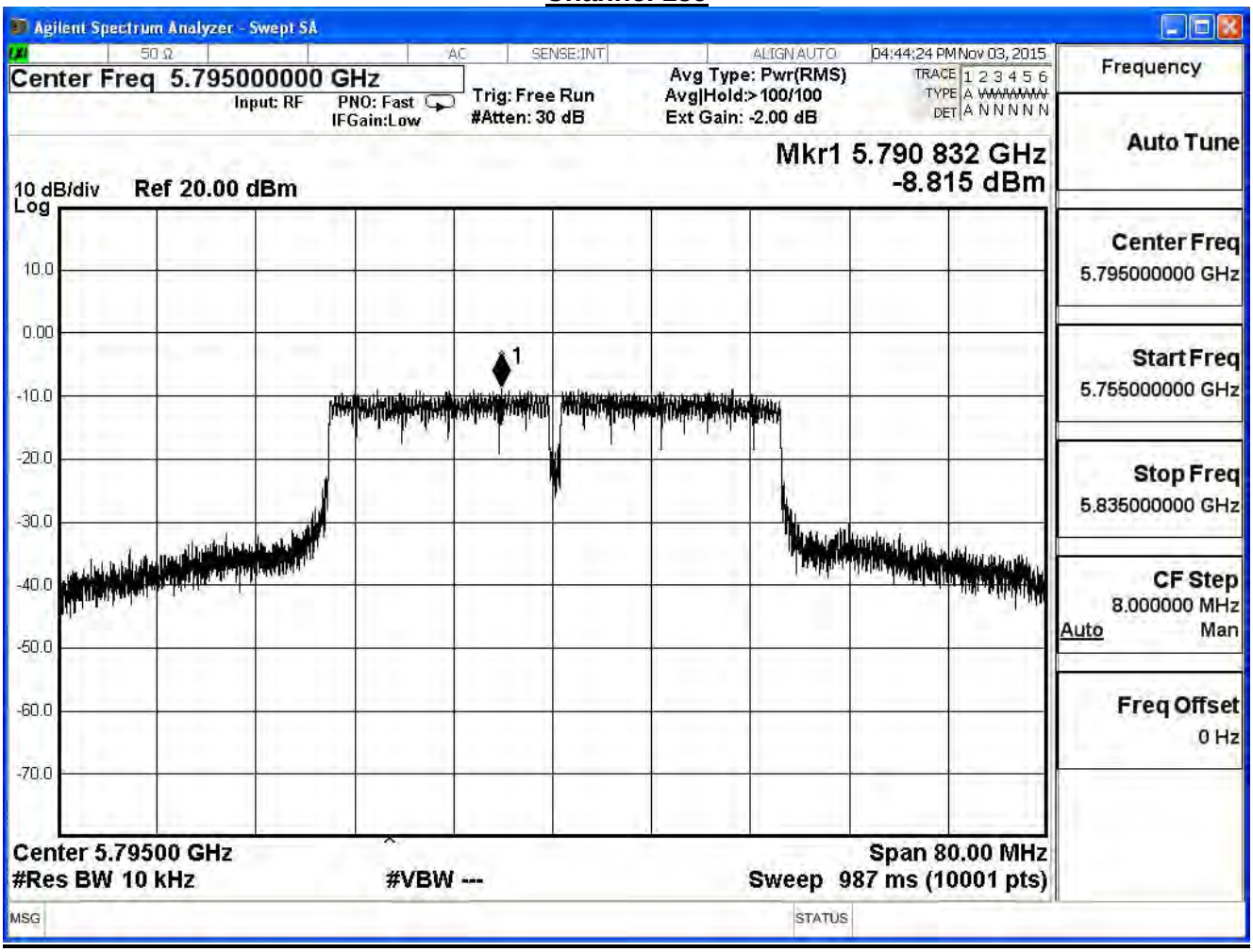
Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

Channel 151



Channel 159


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:44:24 PM Nov 03, 2015
Center Freq 5.795000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.790 832 GHz
-8.815 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 5.79500 GHz
#Res BW 10 kHz
#VBW ---
Span 80.00 MHz
Sweep 987 ms (10001 pts)
Frequency
Auto Tune
Center Freq
5.795000000 GHz
Start Freq
5.755000000 GHz
Stop Freq
5.835000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

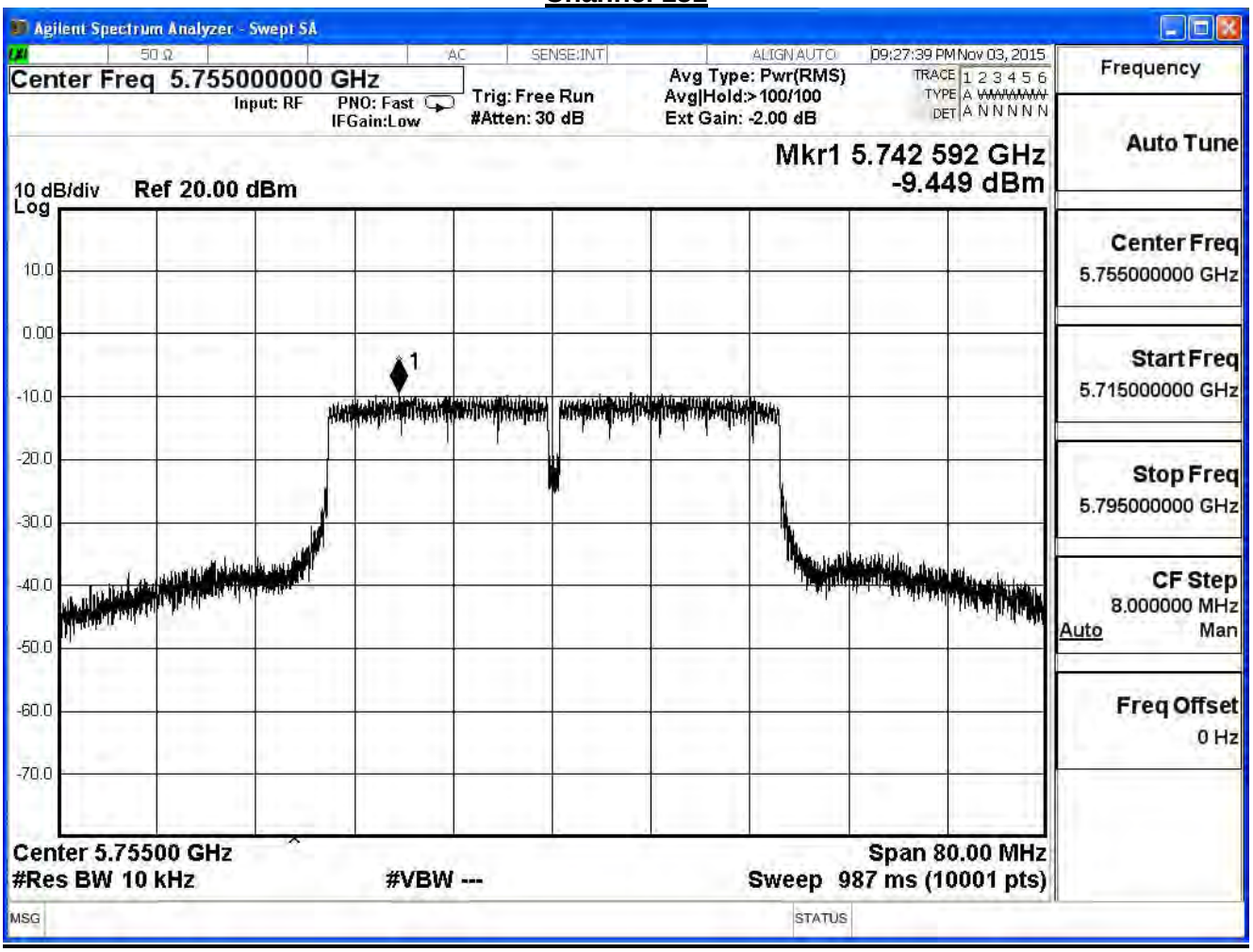
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11n_40MHz (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-9.45	≦4.79	Pass
159	5795	-9.41	≦4.79	Pass

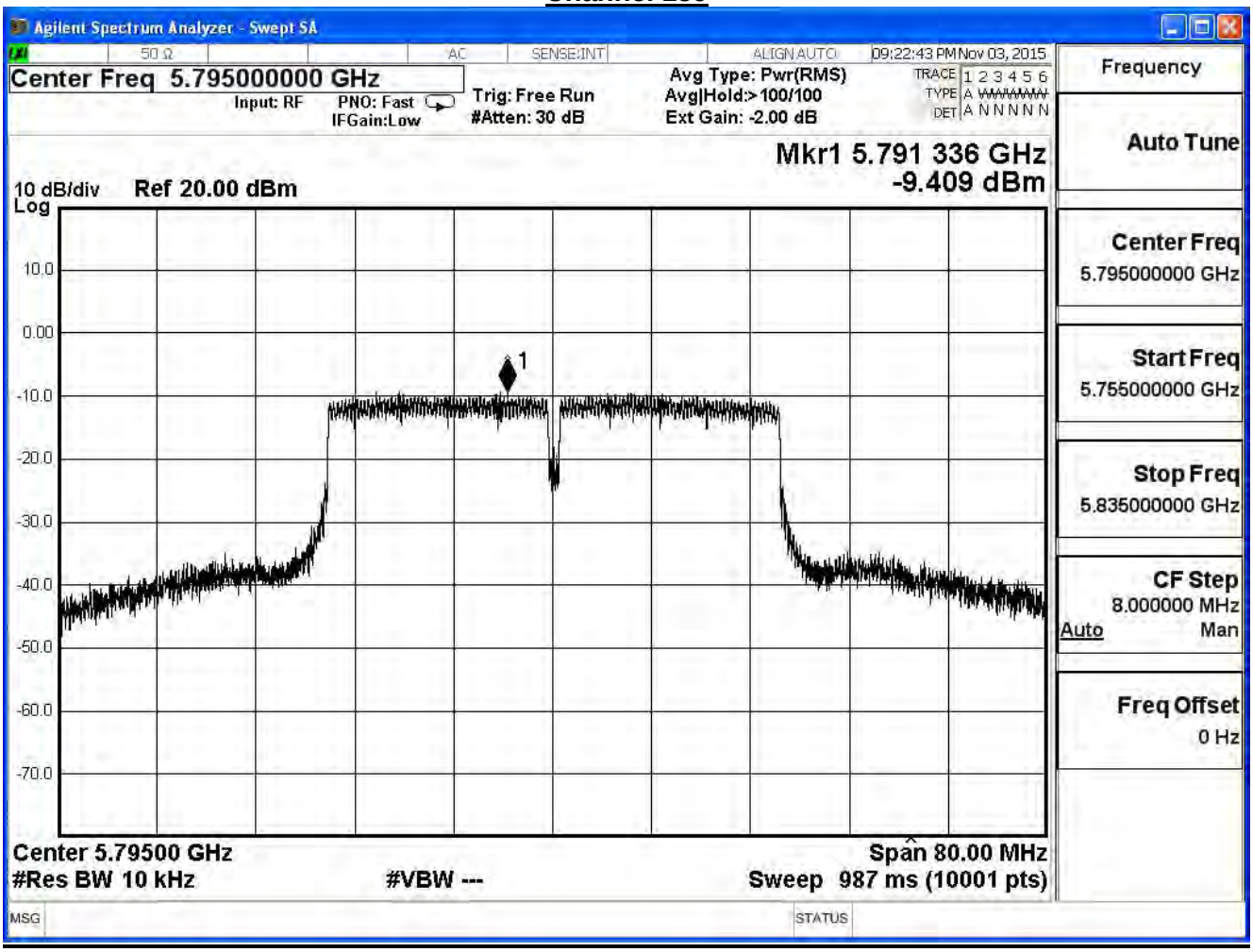
Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

Channel 151



Channel 159


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:22:43 PM Nov 03, 2015
Center Freq 5.795000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.791 336 GHz
-9.409 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 5.79500 GHz
#Res BW 10 kHz
#VBW ---
Span 80.00 MHz
Sweep 987 ms (10001 pts)
Frequency
Auto Tune
Center Freq
5.795000000 GHz
Start Freq
5.755000000 GHz
Stop Freq
5.835000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

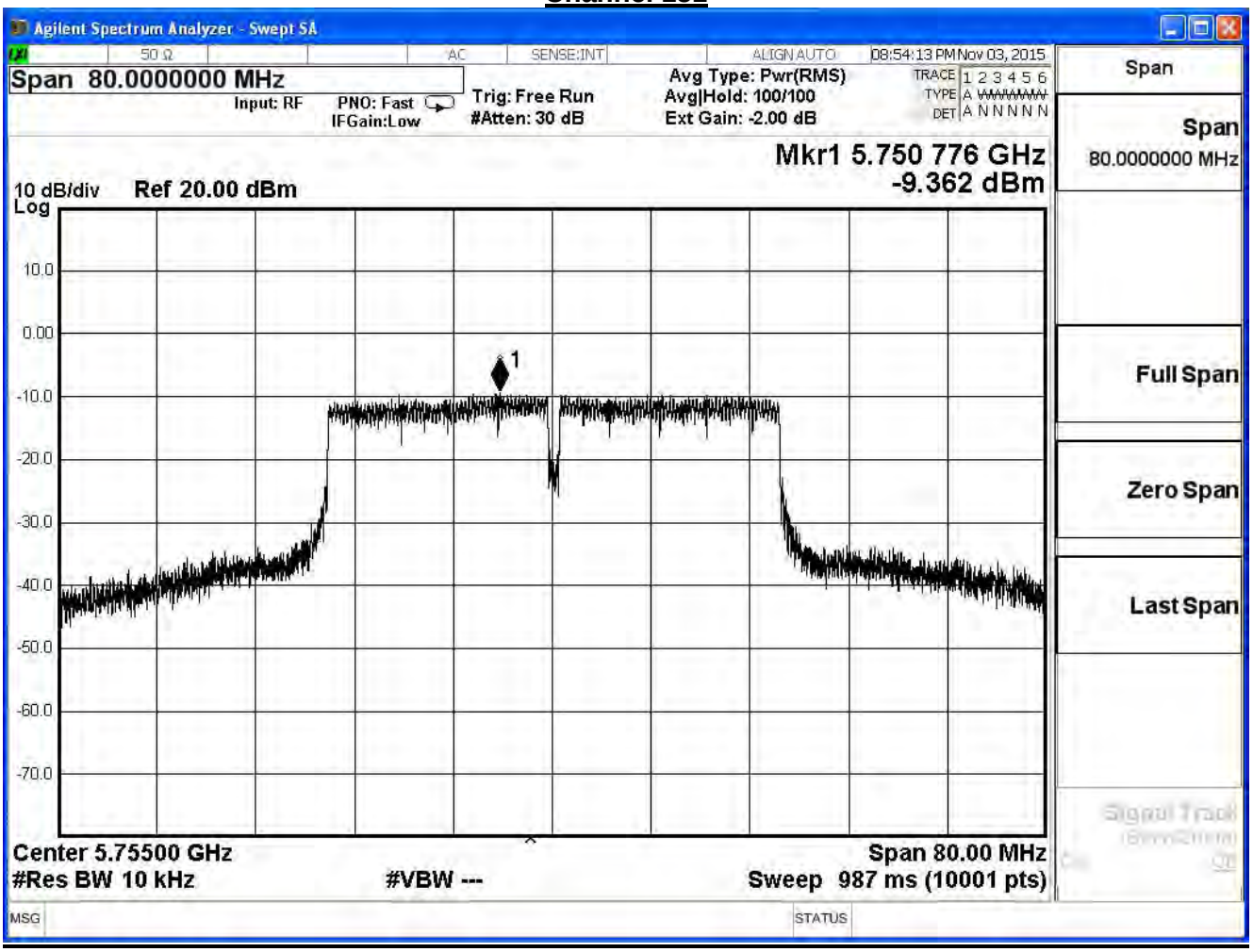
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11n_40MHz (ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-9.36	≦4.79	Pass
159	5795	-9.38	≦4.79	Pass

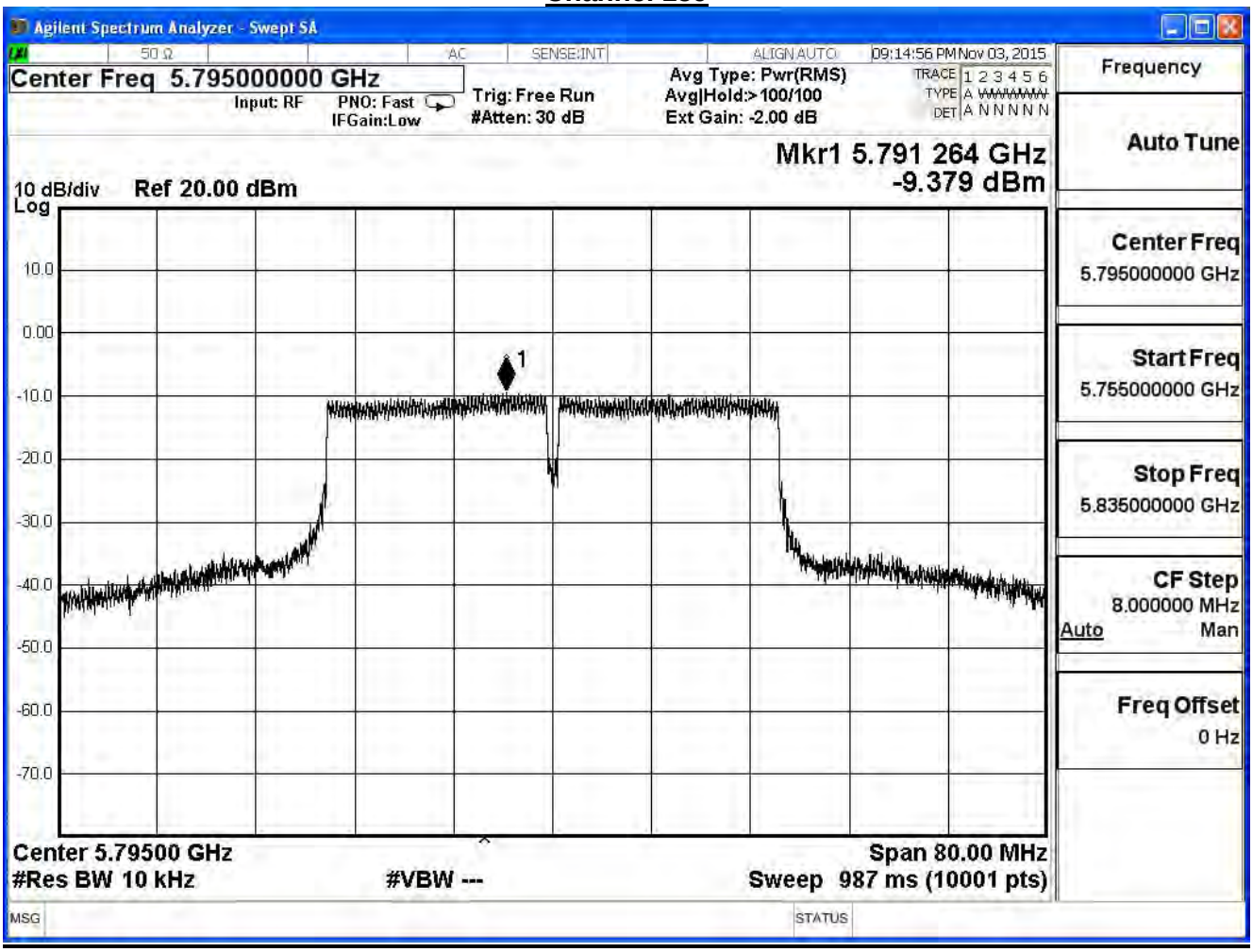
Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

Channel 151



Channel 159


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:14:56 PM Nov 03, 2015
Center Freq 5.795000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold:>100/100
Ext Gain: -2.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.791 264 GHz
-9.379 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 5.79500 GHz
#Res BW 10 kHz
#VBW ---
Span 80.00 MHz
Sweep 987 ms (10001 pts)
Frequency
Auto Tune
Center Freq
5.795000000 GHz
Start Freq
5.755000000 GHz
Stop Freq
5.835000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
151	5755	-3.38	≦4.79	Pass
159	5795	-3.01	≦4.79	Pass

Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

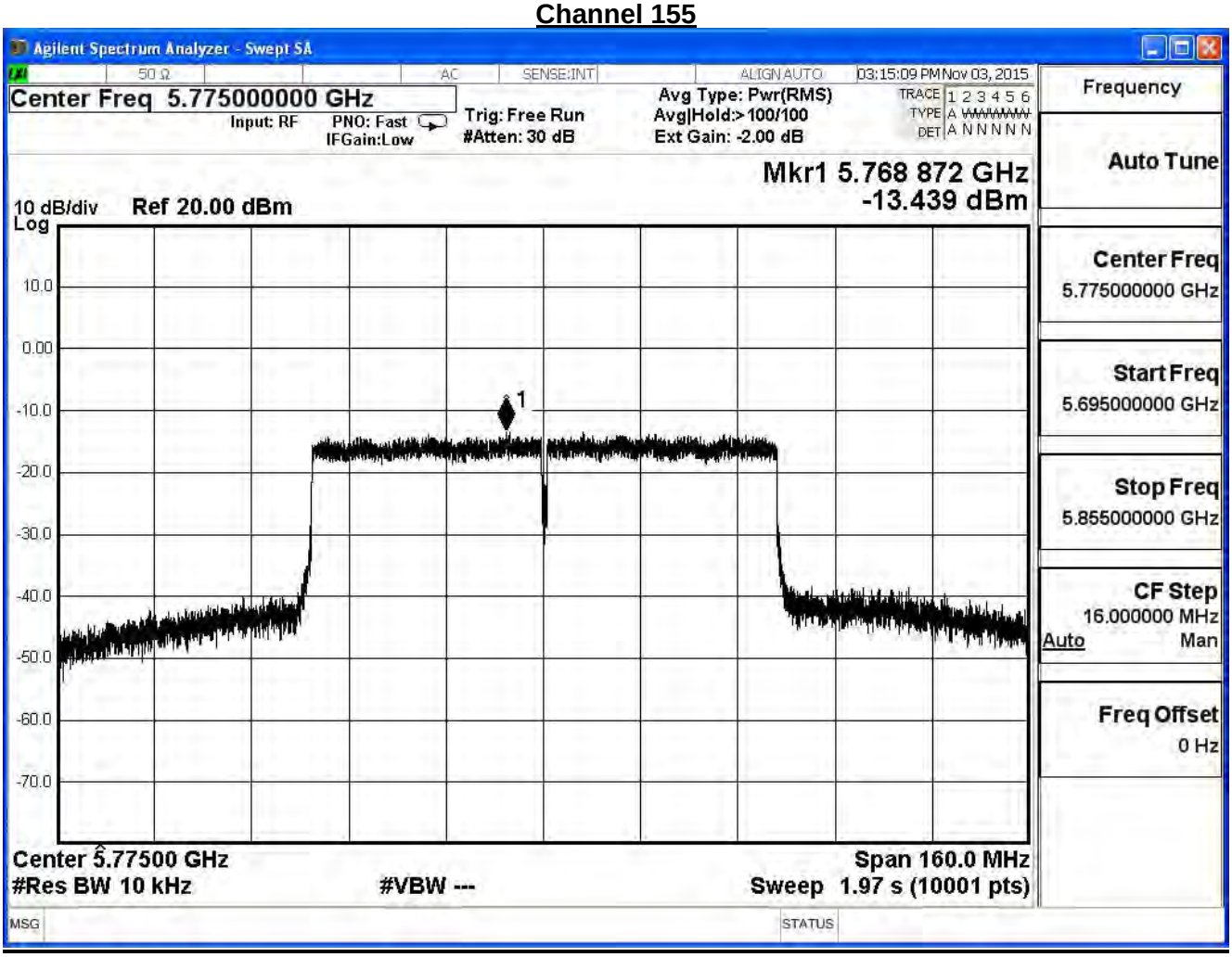
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11ac_80MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-13.44	≦4.79	Pass

Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

Channel 155



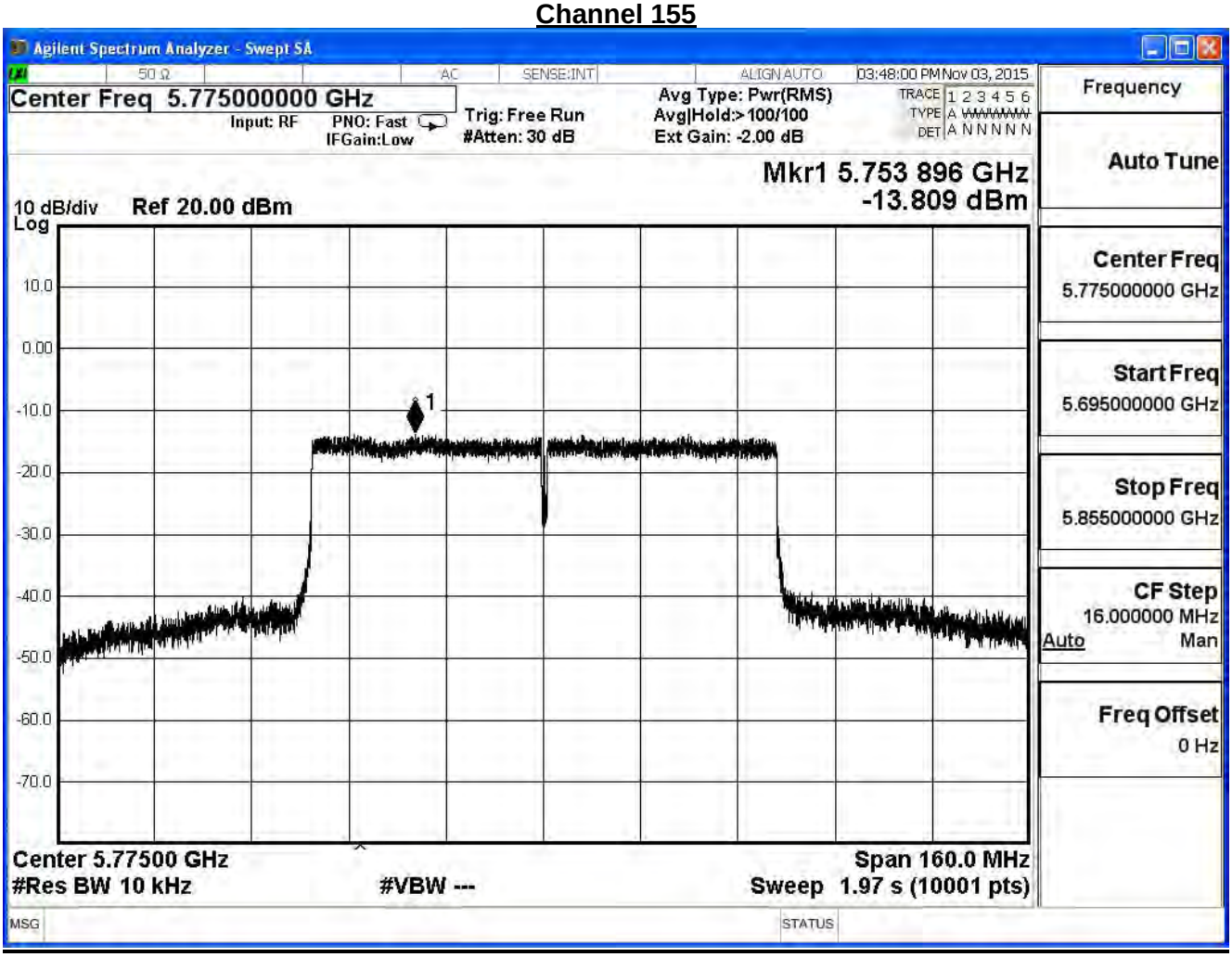
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11ac_80MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-13.81	≦4.79	Pass

Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

Channel 155



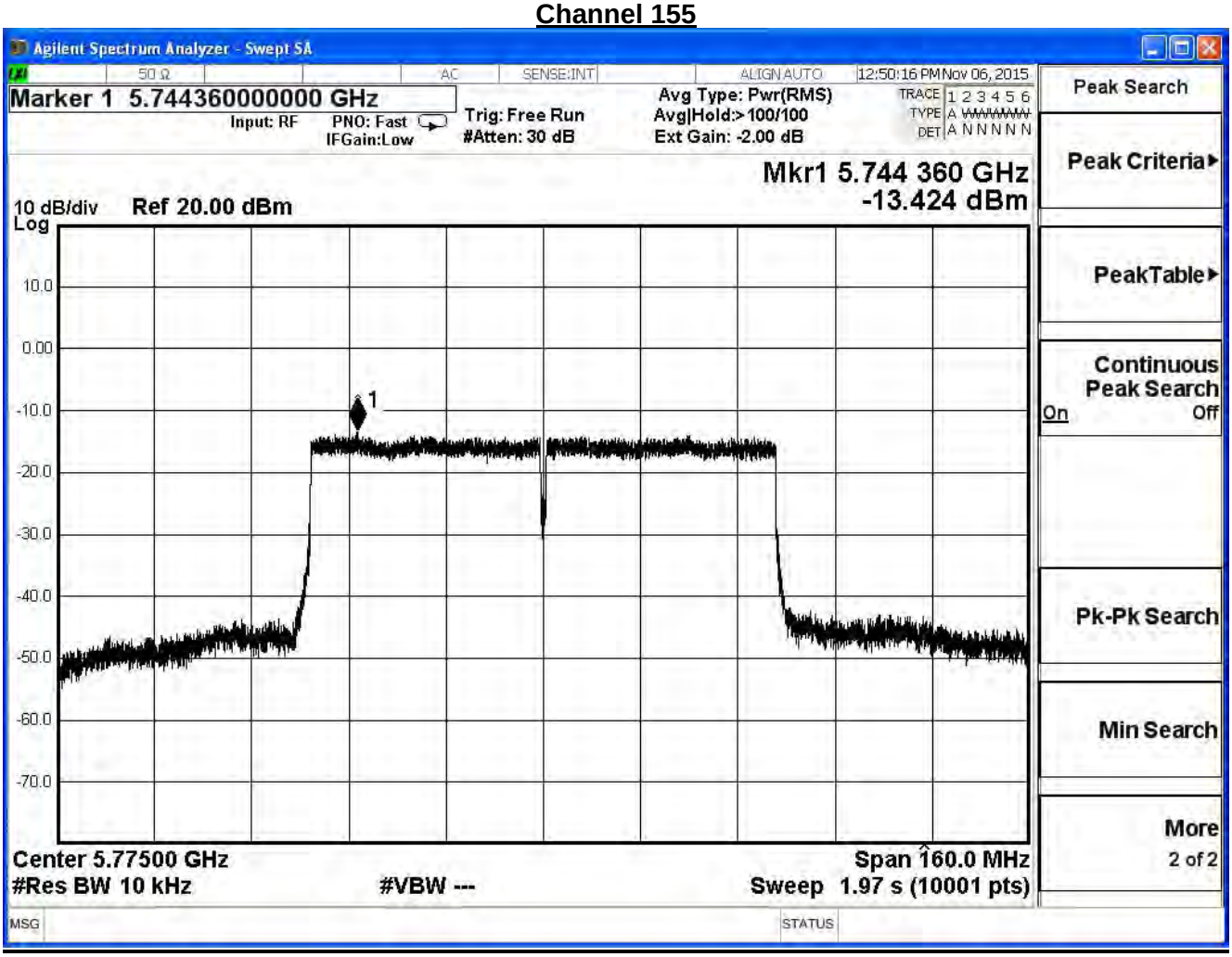
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/06	Test Site	SR7

IEEE 802.11ac_80MHz (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	13.42	≦4.79	Pass

Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

Channel 155



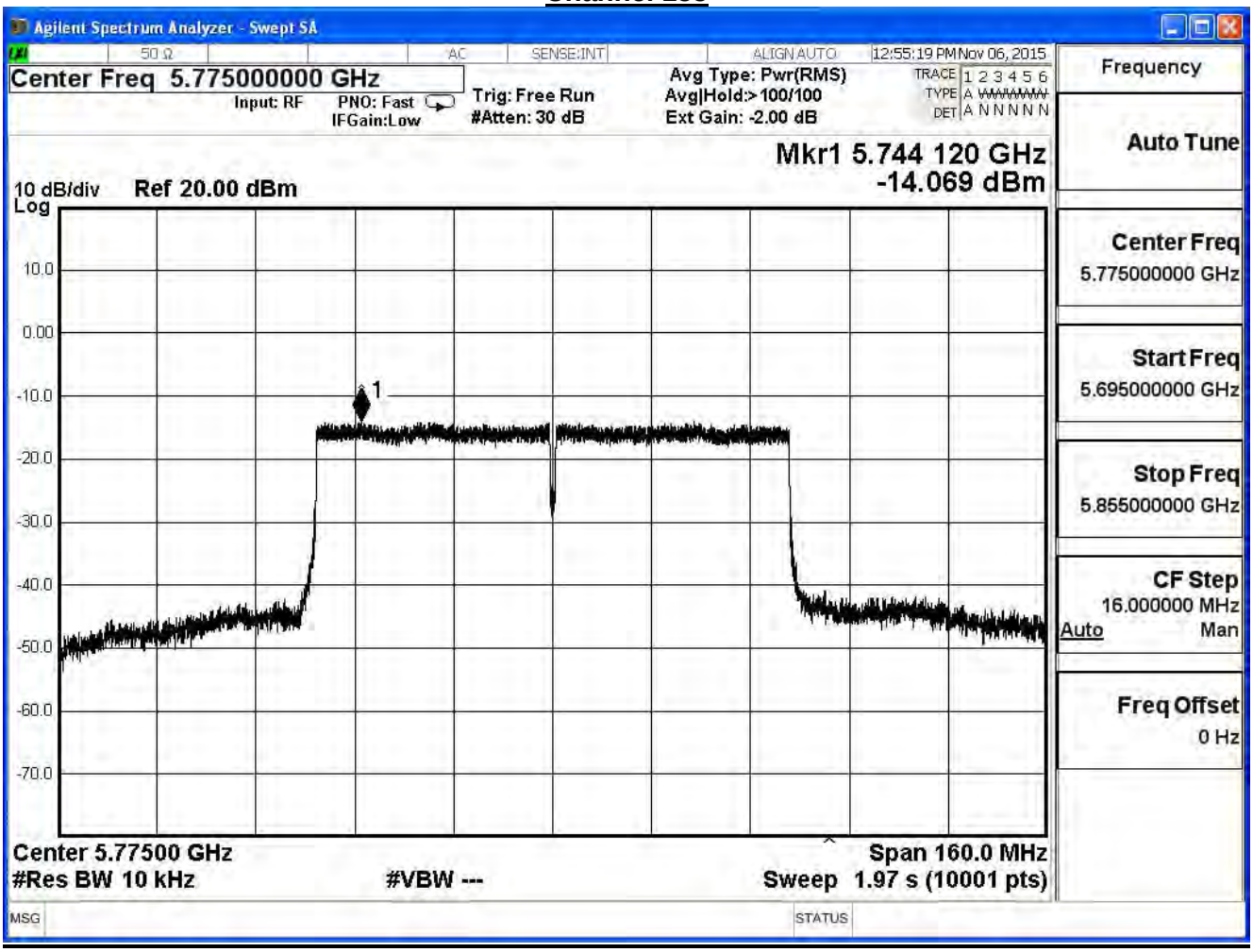
Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/06	Test Site	SR7

IEEE 802.11ac_80MHz (ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-14.069	≦4.79	Pass

Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz

Channel 155



Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/06	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
155	5775	-7.66	≦4.79	Pass

Directional Antenna: 10 Log(N)+Ant Gain =6.02+3.19= 9.21dBi

Power Density Limit:8dBm-(9.21dBi-6dB)= 4.79 dBm/MHz