Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

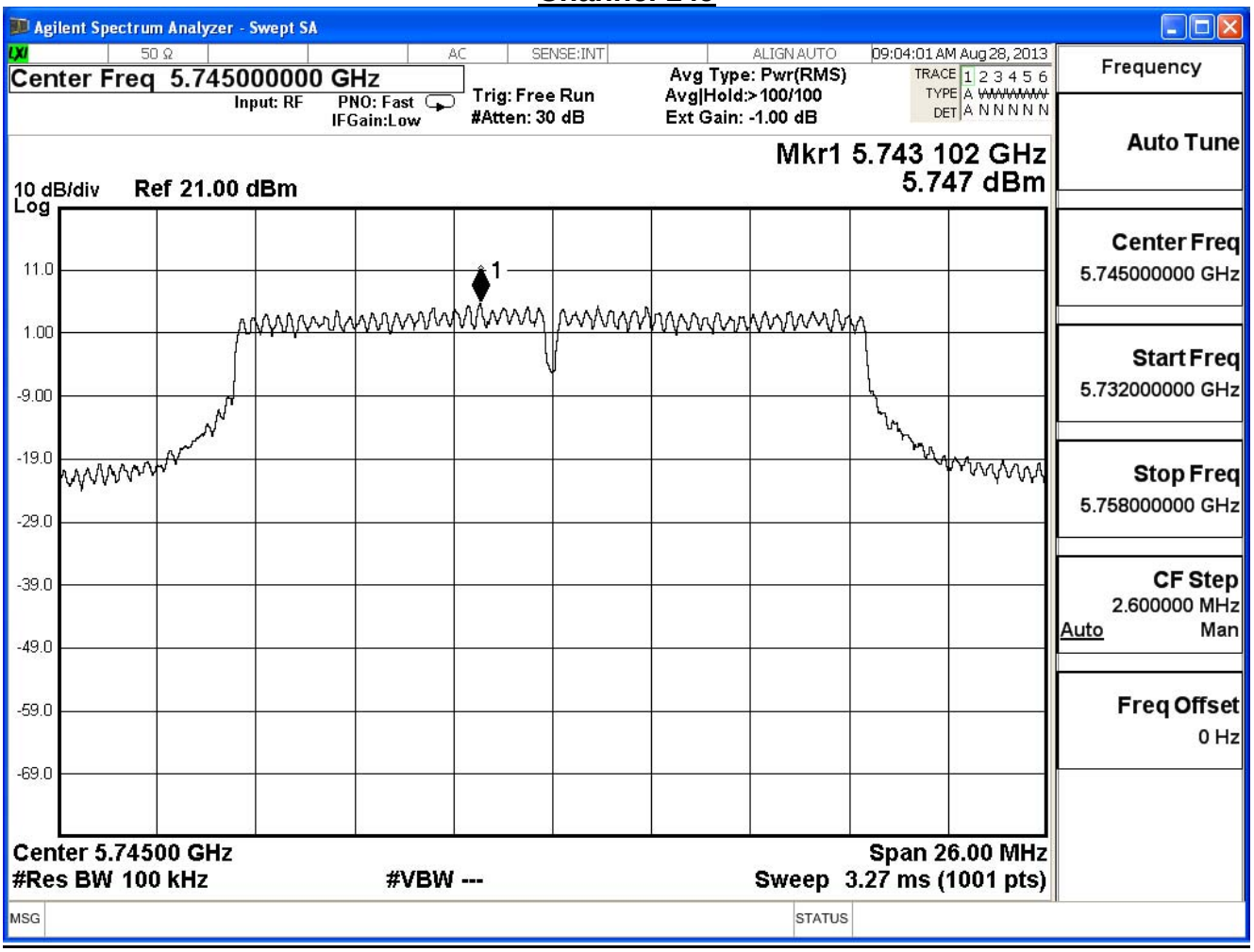
IEEE 802.11a (ANT1)

Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	5.75	-9.45	≦5.19	Pass
157	5785	5.95	-9.26	≦5.19	Pass
165	5825	5.63	-9.57	≦5.19	Pass

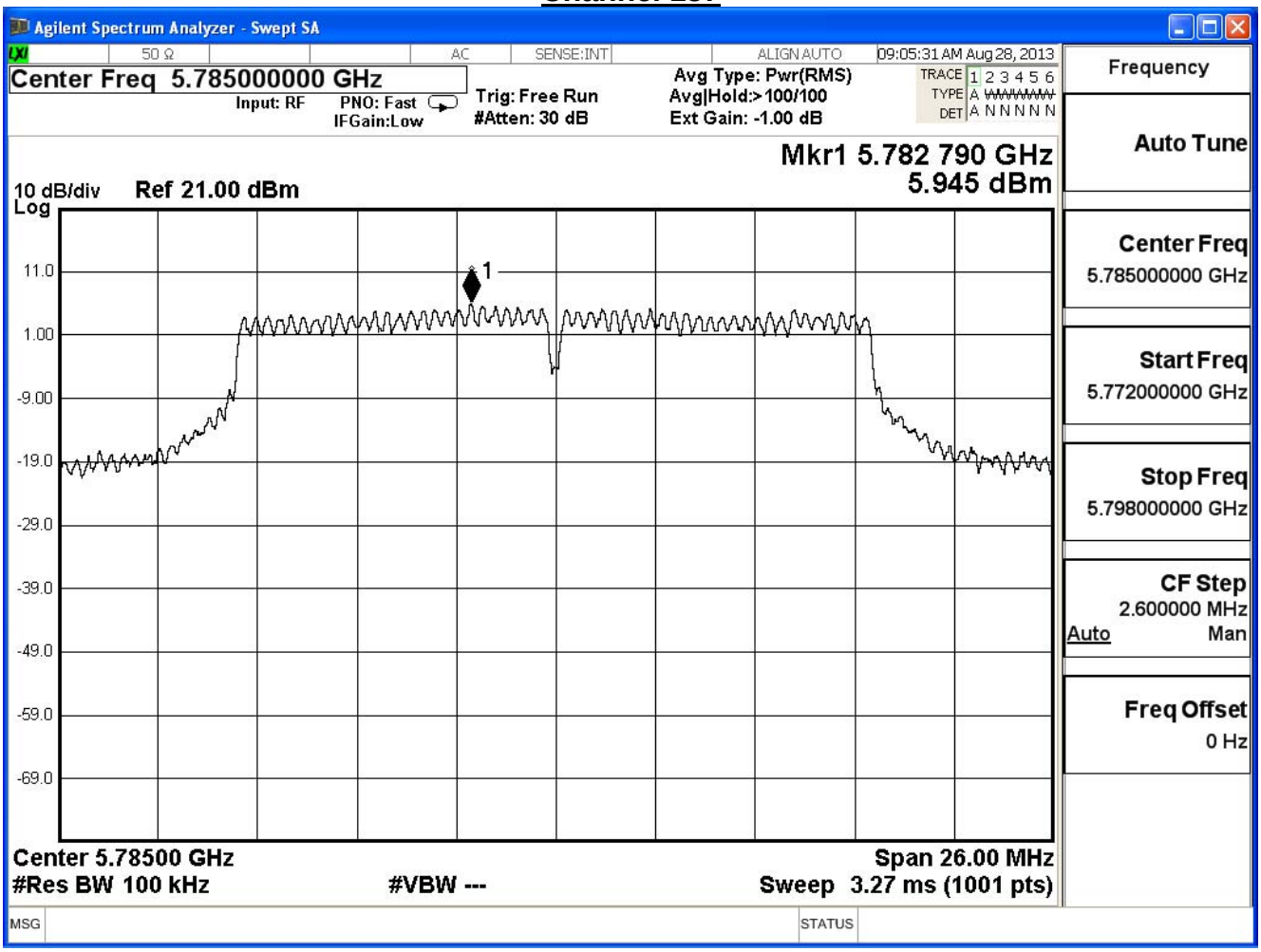
Note:

Total Gain : 10log(3)+max Gain = 8.81dBi
Required Limit = 8dBm - (8.81dBi – 6dBi) = 5.19 dBm

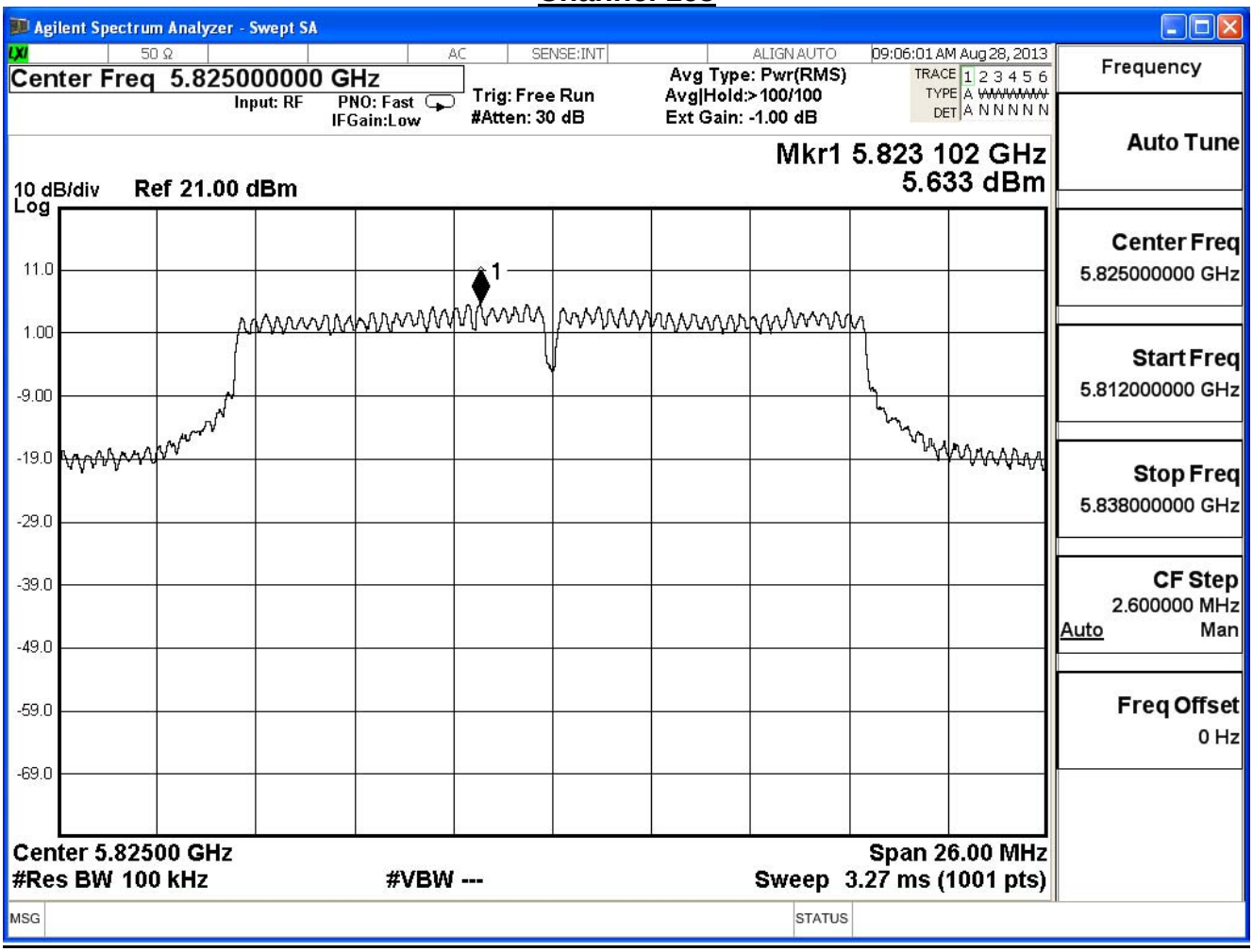
Channel 149



Channel 157


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:05:31 AM Aug 28, 2013
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: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.782 790 GHz
5.945 dBm
10 dB/div
Log
Ref 21.00 dBm
11.0
1.00
-9.00
-19.0
-29.0
-39.0
-49.0
-59.0
-69.0
Center 5.78500 GHz
#Res BW 100 kHz
#VBW ---
Span 26.00 MHz
Sweep 3.27 ms (1001 pts)
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.772000000 GHz
Stop Freq
5.798000000 GHz
CF Step
2.600000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Channel 165


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:06:01 AM Aug 28, 2013
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: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.823 102 GHz
5.633 dBm
10 dB/div
Log
Ref 21.00 dBm
11.0
1.00
-9.00
-19.0
-29.0
-39.0
-49.0
-59.0
-69.0
1
Center 5.82500 GHz
#Res BW 100 kHz
#VBW ---
Span 26.00 MHz
Sweep 3.27 ms (1001 pts)
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.812000000 GHz
Stop Freq
5.838000000 GHz
CF Step
2.600000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

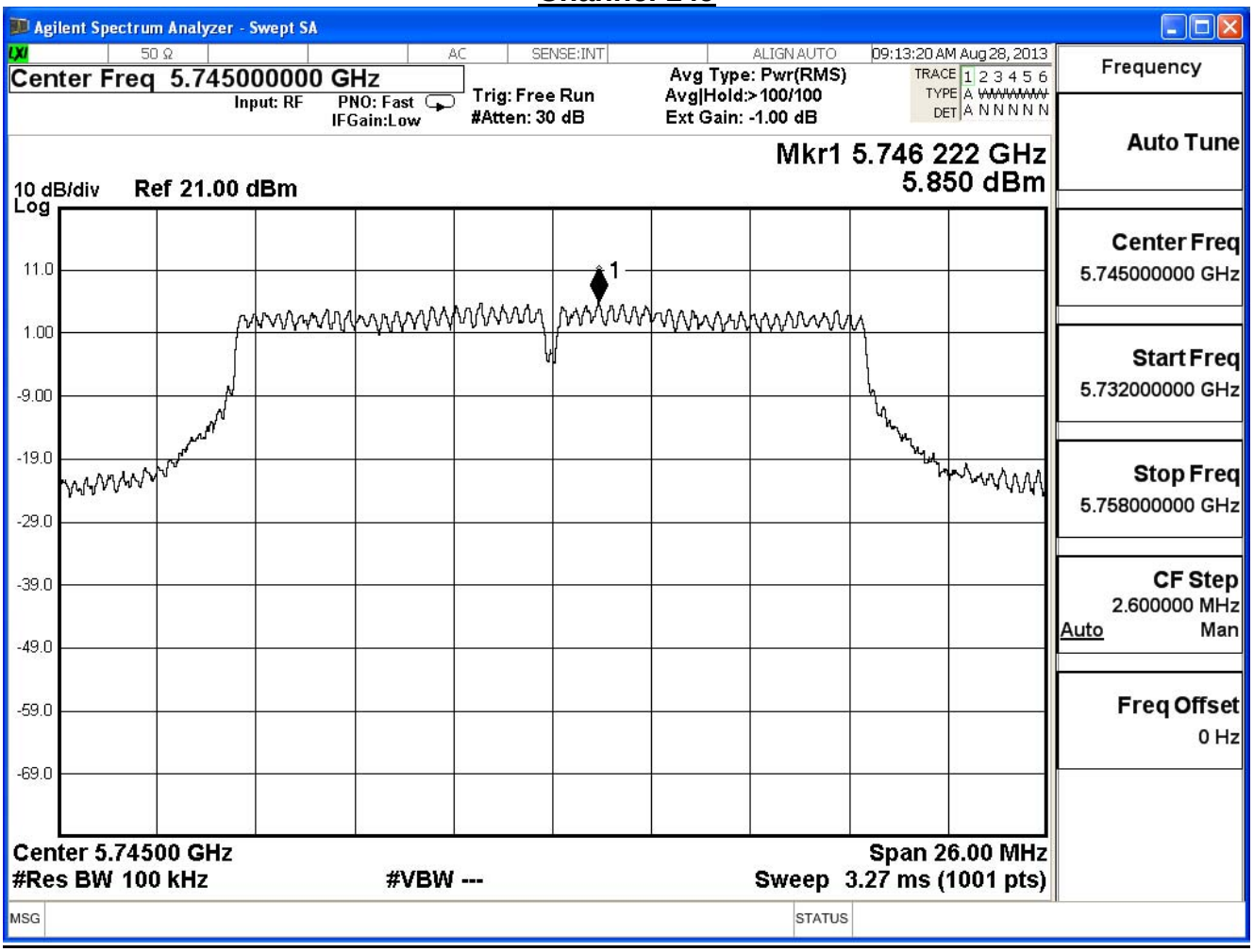
IEEE 802.11a (ANT2)

Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	5.85	-9.35	≦5.19	Pass
157	5785	6.17	-9.03	≦5.19	Pass
165	5825	5.70	-9.50	≦5.19	Pass

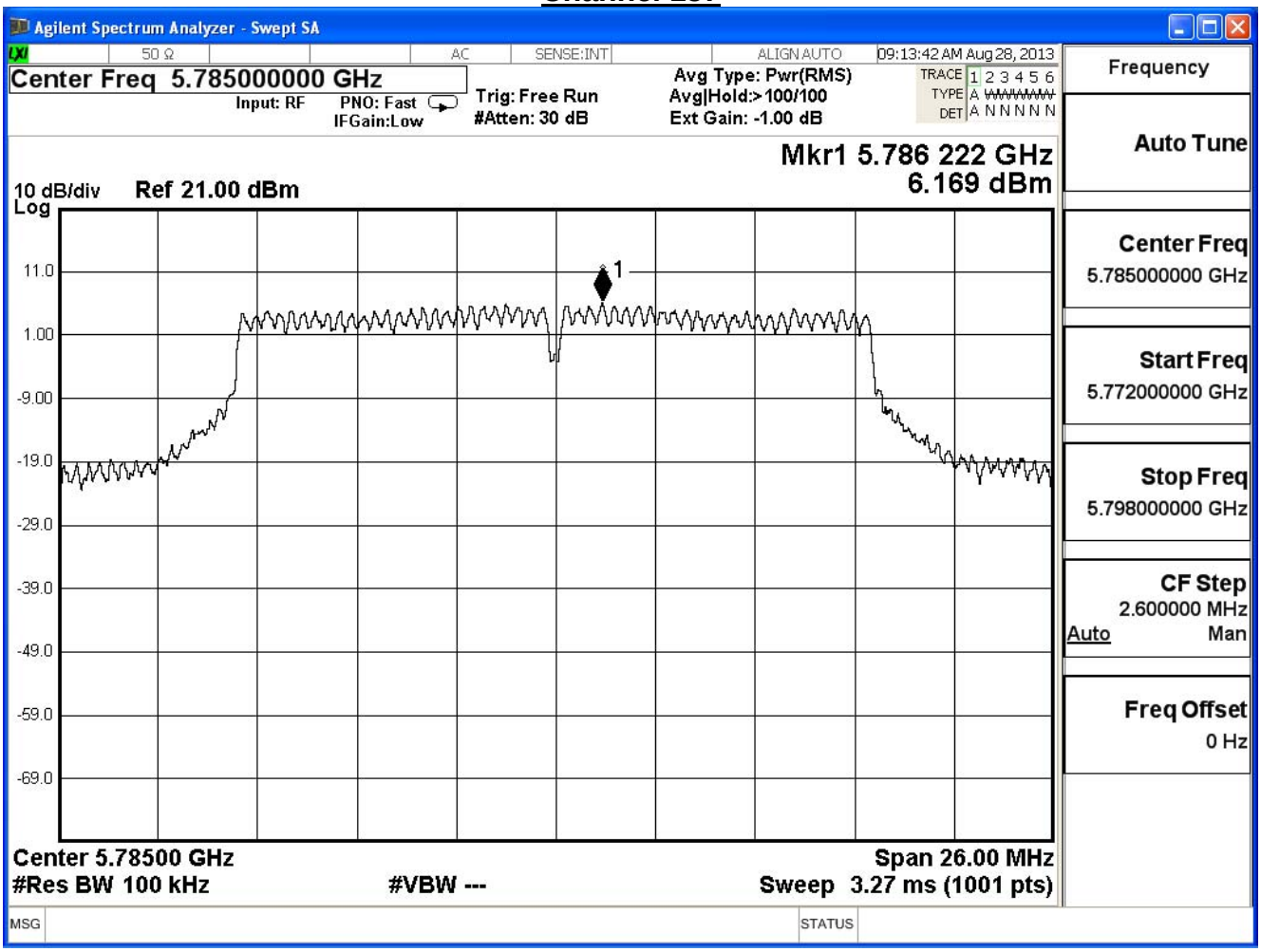
Note:

Total Gain : 10log(3)+max Gain = 8.81dBi
Required Limit = 8dBm - (8.81dBi – 6dBi) = 5.19 dBm

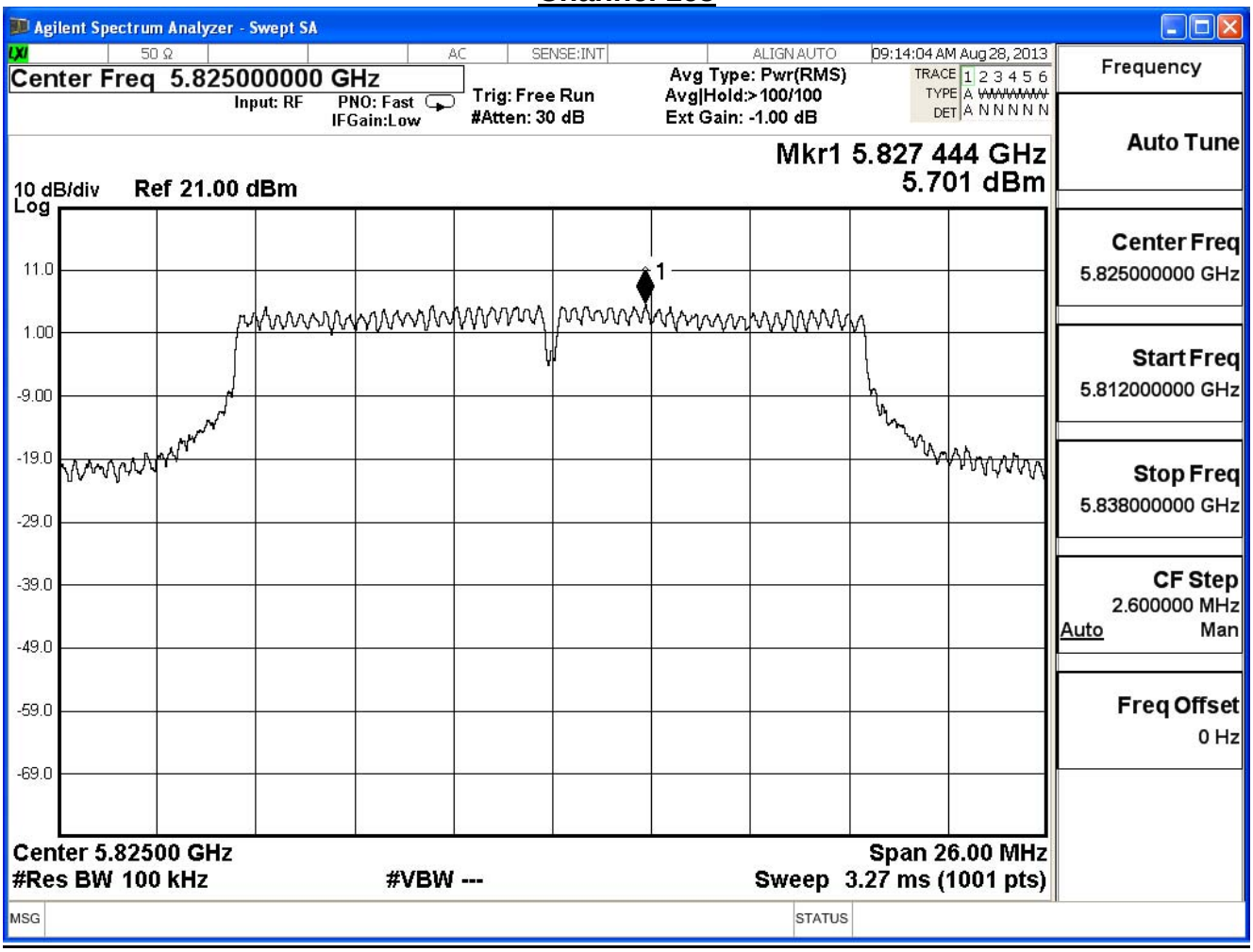
Channel 149



Channel 157


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:13:42 AM Aug 28, 2013
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: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.786 222 GHz
6.169 dBm
10 dB/div
Log
Ref 21.00 dBm
11.0
1.00
-9.00
-19.0
-29.0
-39.0
-49.0
-59.0
-69.0
Center 5.78500 GHz
#Res BW 100 kHz
#VBW ---
Span 26.00 MHz
Sweep 3.27 ms (1001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.772000000 GHz
Stop Freq
5.798000000 GHz
CF Step
2.600000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 165


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:14:04 AM Aug 28, 2013
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: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.827 444 GHz
5.701 dBm
10 dB/div
Log
Ref 21.00 dBm
11.0
1.00
-9.00
-19.0
-29.0
-39.0
-49.0
-59.0
-69.0
Center 5.82500 GHz
#Res BW 100 kHz
#VBW ---
Span 26.00 MHz
Sweep 3.27 ms (1001 pts)
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.812000000 GHz
Stop Freq
5.838000000 GHz
CF Step
2.600000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE 802.11a (ANT0+1+2)

Channel No.	Frequency (MHz)	Measure Level(dBm)	Limit (dBm)	Result
149	5745	-4.82	≦5.19	Pass
157	5785	-4.49	≦5.19	Pass
165	5825	-4.89	≦5.19	Pass

Note:

Total Gain : 10log(3)+max Gain = 8.81dBi
Required Limit = 8dBm - (8.81dBi – 6dBi) = 5.19 dBm

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

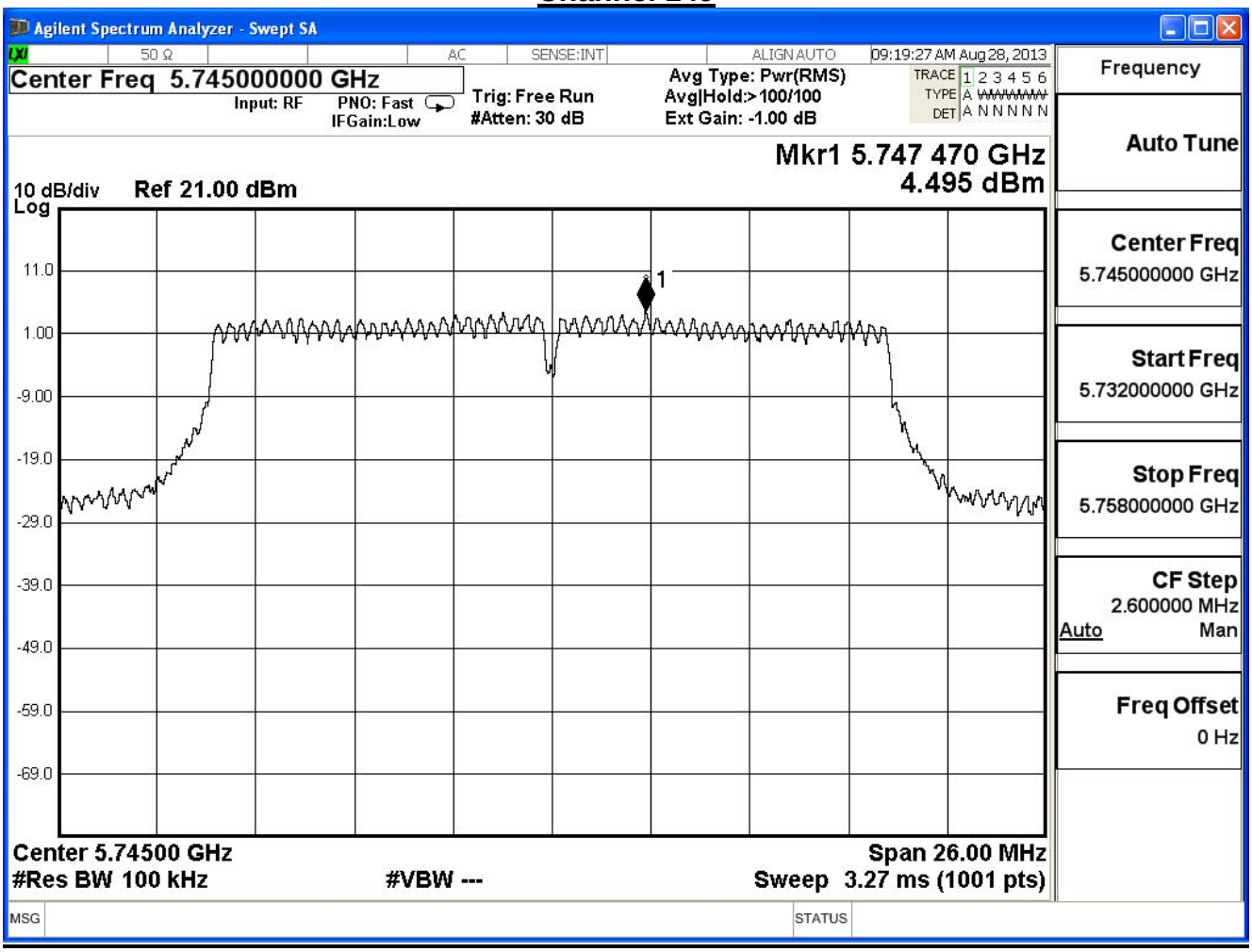
IEEE802.11n_20MHz_(ANT 0)

Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement (dBm)	Limit (dBm)	Result
149	5745	4.50	-10.71	≦5.19	Pass
157	5785	5.17	-10.03	≦5.19	Pass
165	5825	4.69	-10.52	≦5.19	Pass

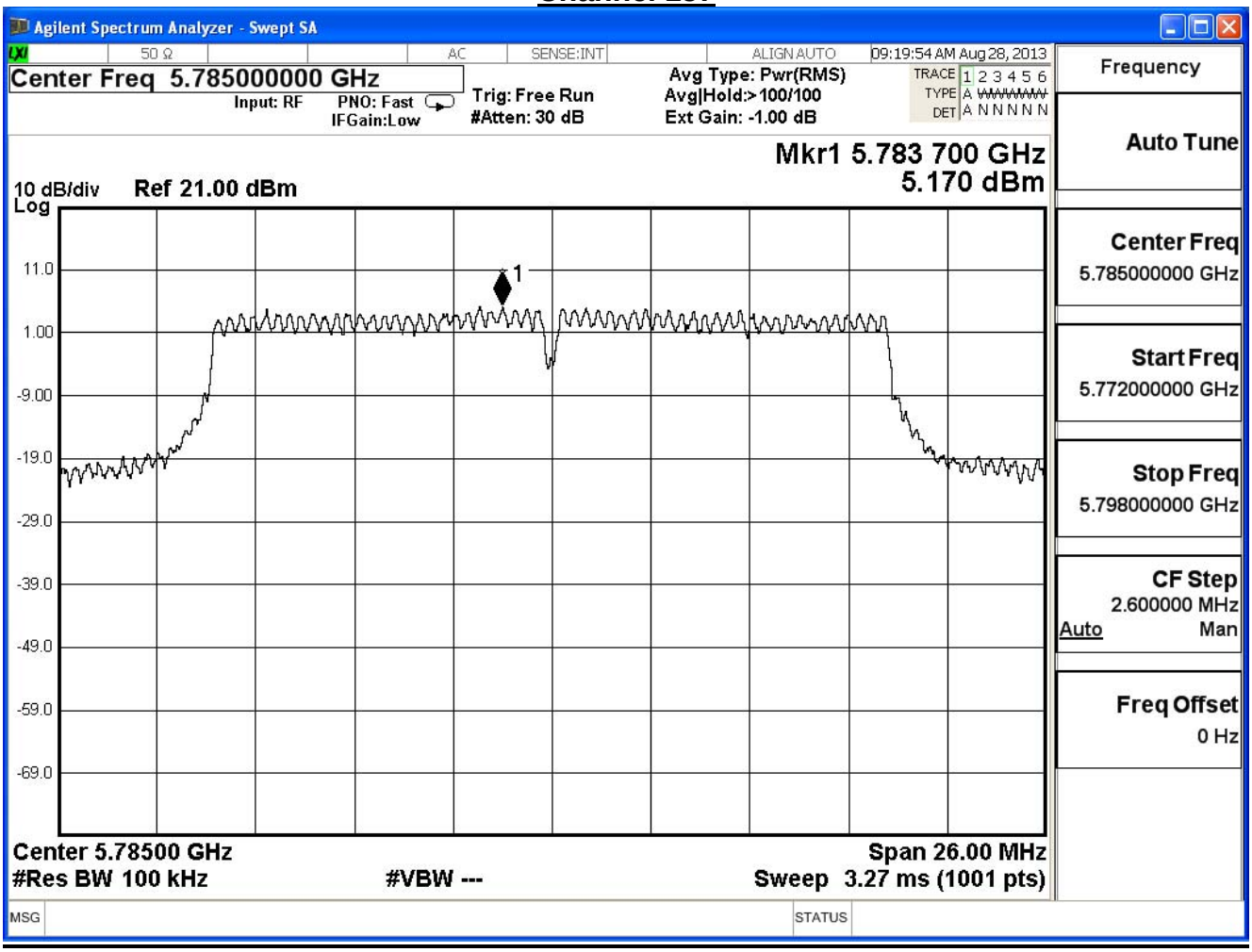
Note:

Total Gain : 10log(3)+max Gain = 8.81dBi
Required Limit = 8dBm - (8.81dBi – 6dBi) = 5.19 dBm

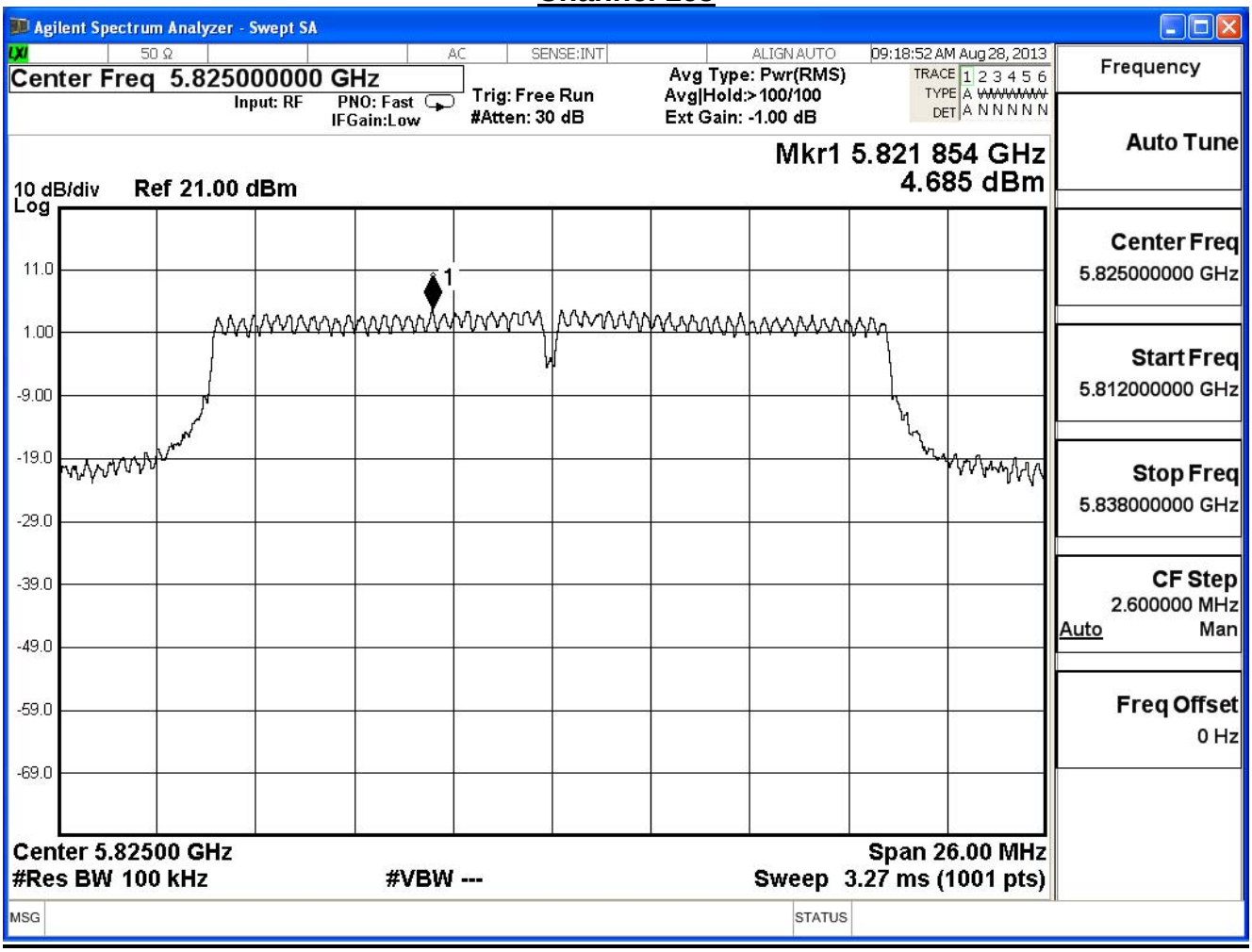
Channel 149



Channel 157


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:19:54 AM Aug 28, 2013
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: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.783 700 GHz
5.170 dBm
10 dB/div
Log
Ref 21.00 dBm
11.0
1.00
-9.00
-19.0
-29.0
-39.0
-49.0
-59.0
-69.0
Center 5.78500 GHz
#Res BW 100 kHz
#VBW ---
Span 26.00 MHz
Sweep 3.27 ms (1001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.772000000 GHz
Stop Freq
5.798000000 GHz
CF Step
2.600000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 165


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:18:52 AM Aug 28, 2013
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: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.821 854 GHz
4.685 dBm
10 dB/div
Log
Ref 21.00 dBm
11.0
1.00
-9.00
-19.0
-29.0
-39.0
-49.0
-59.0
-69.0
Center 5.82500 GHz
#Res BW 100 kHz
#VBW ---
Span 26.00 MHz
Sweep 3.27 ms (1001 pts)
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.812000000 GHz
Stop Freq
5.838000000 GHz
CF Step
2.600000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

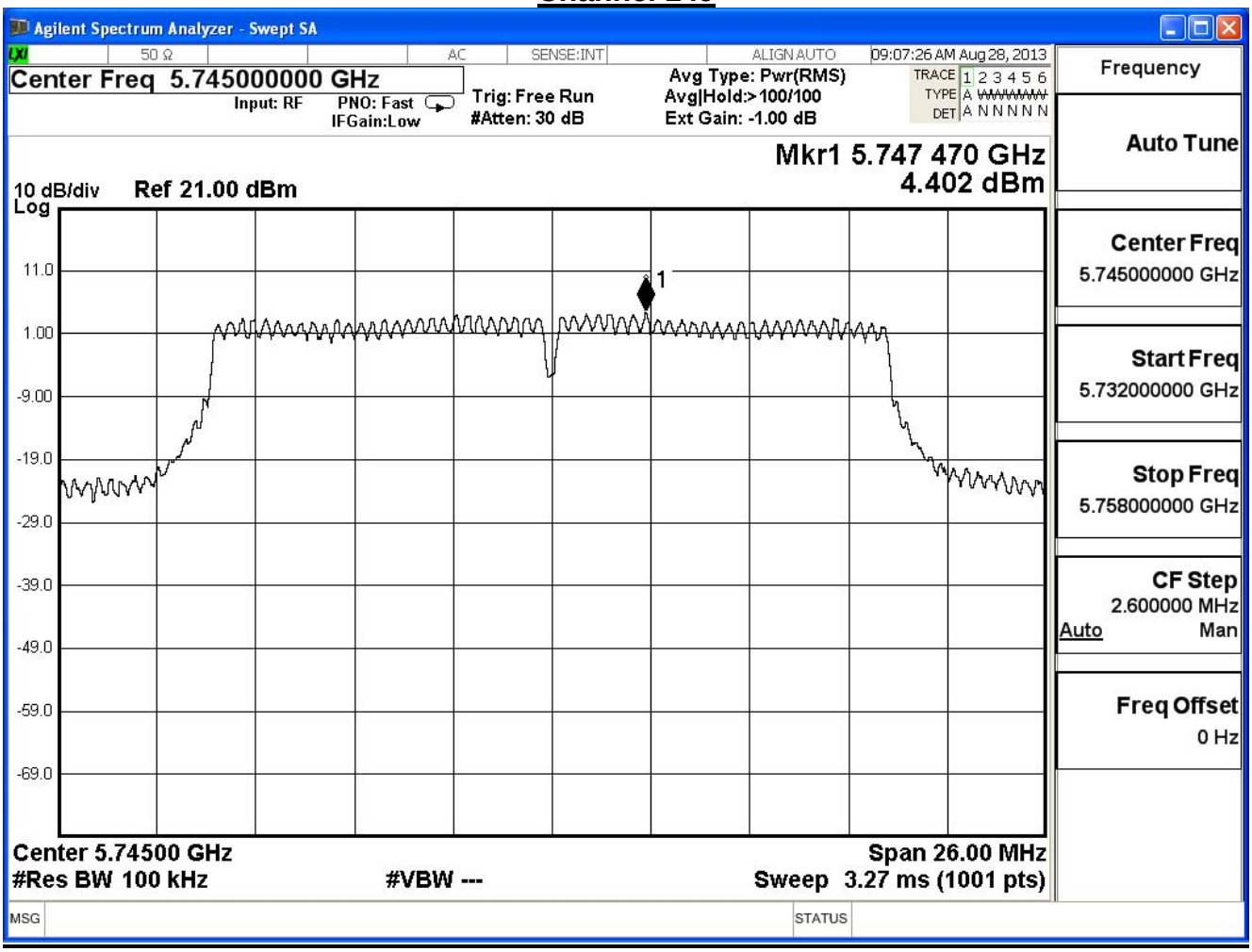
IEEE802.11n_20MHz_(ANT 1)

Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	4.40	-10.80	≦5.19	Pass
157	5785	5.24	-9.96	≦5.19	Pass
165	5825	4.90	-10.30	≦5.19	Pass

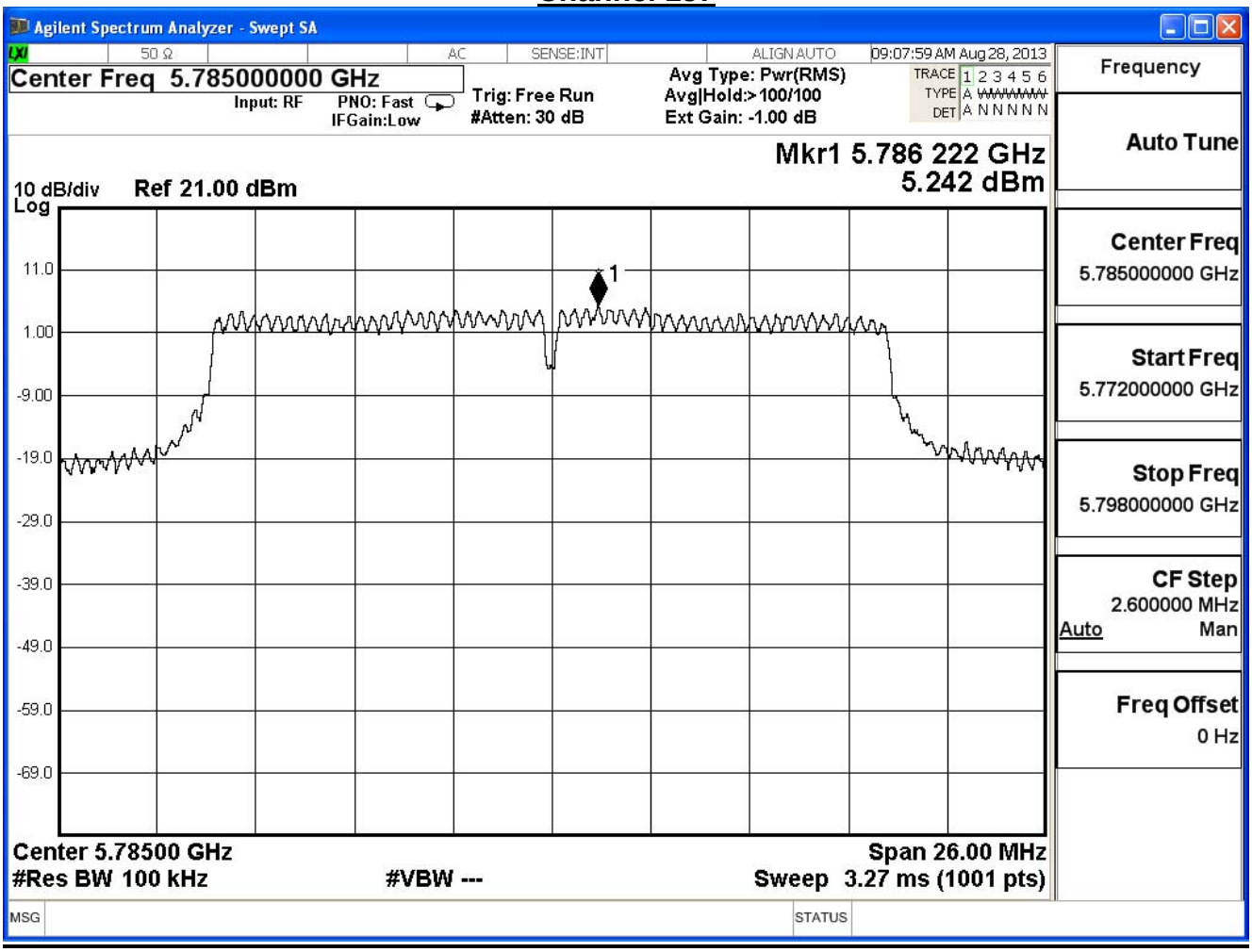
Note:

Total Gain : 10log(3)+max Gain = 8.81dBi
Required Limit = 8dBm - (8.81dBi – 6dBi) = 5.19 dBm

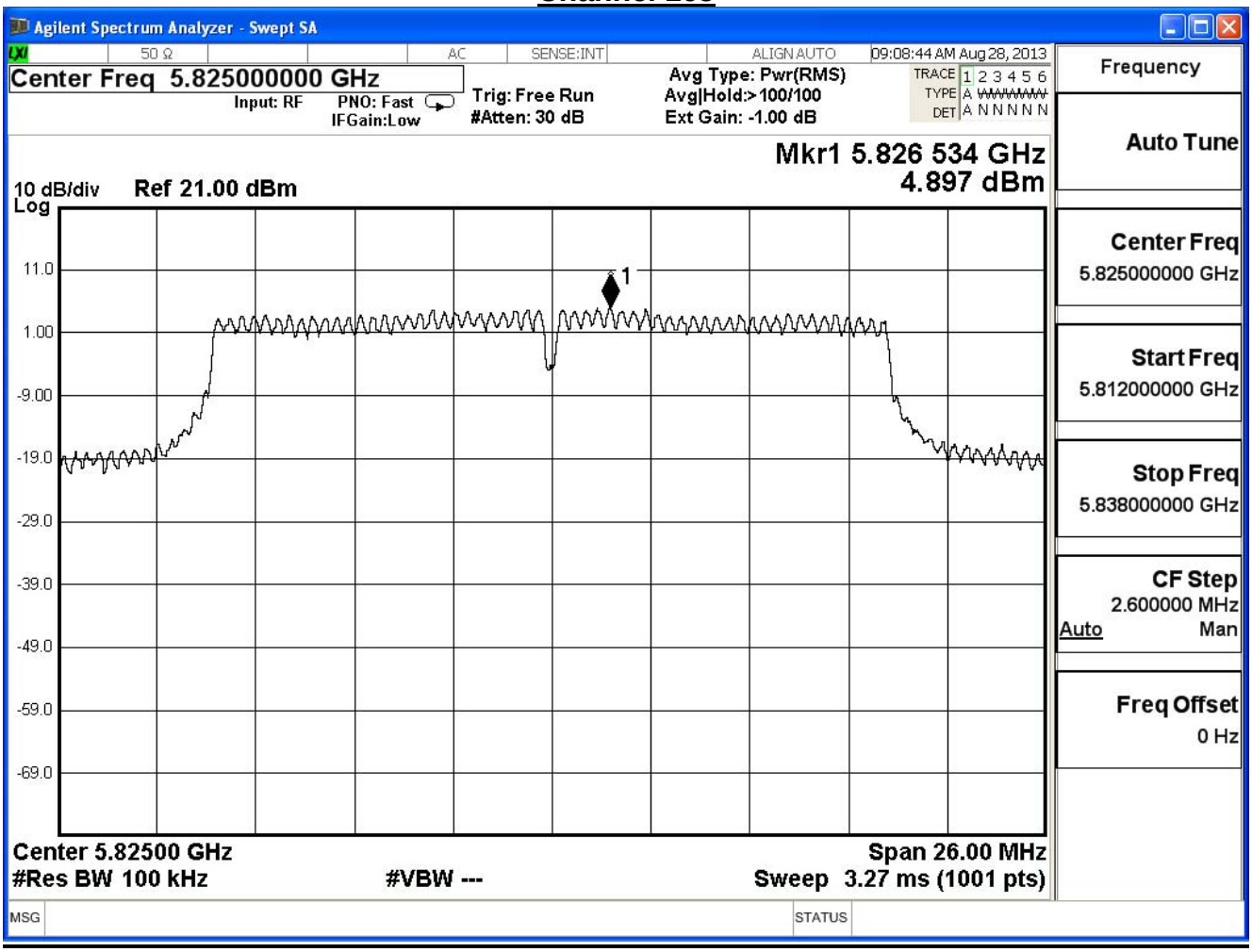
Channel 149



Channel 157


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:07:59 AM Aug 28, 2013
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: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.786 222 GHz
5.242 dBm
10 dB/div
Log
Ref 21.00 dBm
11.0
1.00
-9.00
-19.0
-29.0
-39.0
-49.0
-59.0
-69.0
1
Center 5.78500 GHz
#Res BW 100 kHz
#VBW ---
Span 26.00 MHz
Sweep 3.27 ms (1001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.772000000 GHz
Stop Freq
5.798000000 GHz
CF Step
2.600000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 165


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:08:44 AM Aug 28, 2013
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: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.826 534 GHz
4.897 dBm
10 dB/div
Log
Ref 21.00 dBm
11.0
1.00
-9.00
-19.0
-29.0
-39.0
-49.0
-59.0
-69.0
1
Center 5.82500 GHz
#Res BW 100 kHz
#VBW ---
Span 26.00 MHz
Sweep 3.27 ms (1001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.812000000 GHz
Stop Freq
5.838000000 GHz
CF Step
2.600000 MHz
Auto
Man
Freq Offset
0 Hz

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

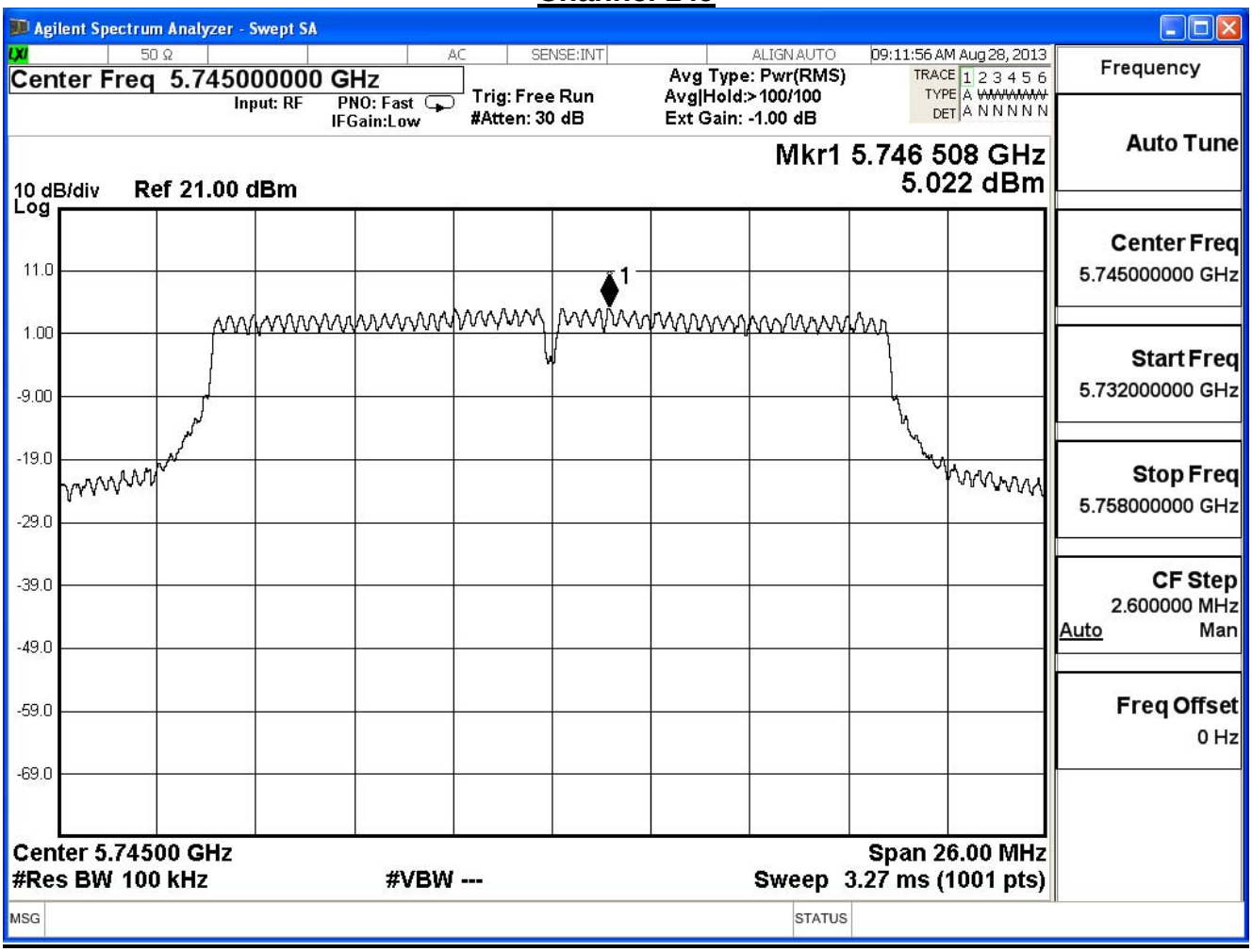
IEEE802.11n_20MHz_(ANT 2)

Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	5.02	-10.18	≦5.19	Pass
157	5785	5.50	-9.70	≦5.19	Pass
165	5825	5.30	-9.90	≦5.19	Pass

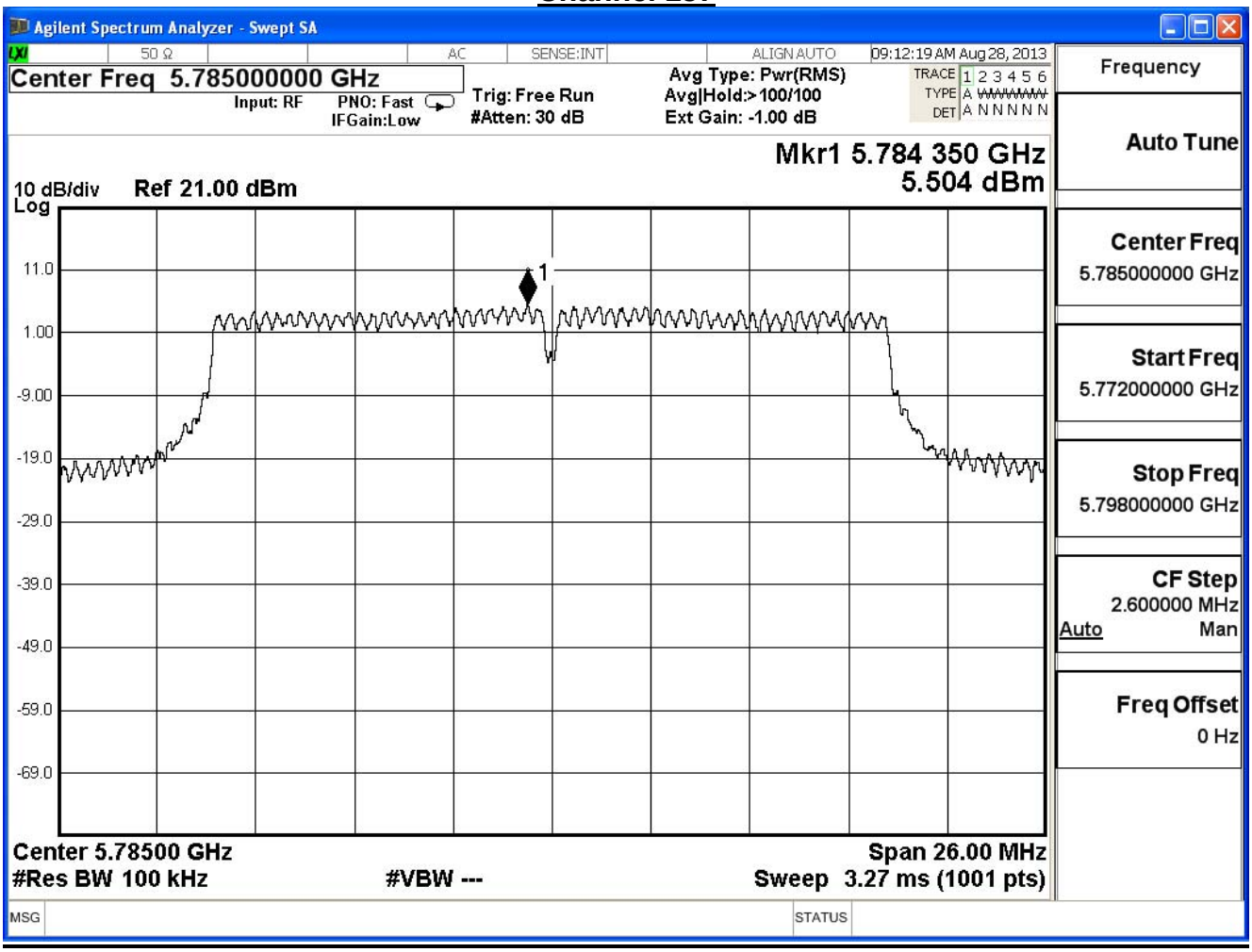
Note:

Total Gain : 10log(3)+max Gain = 8.81dBi
Required Limit = 8dBm - (8.81dBi – 6dBi) = 5.19 dBm

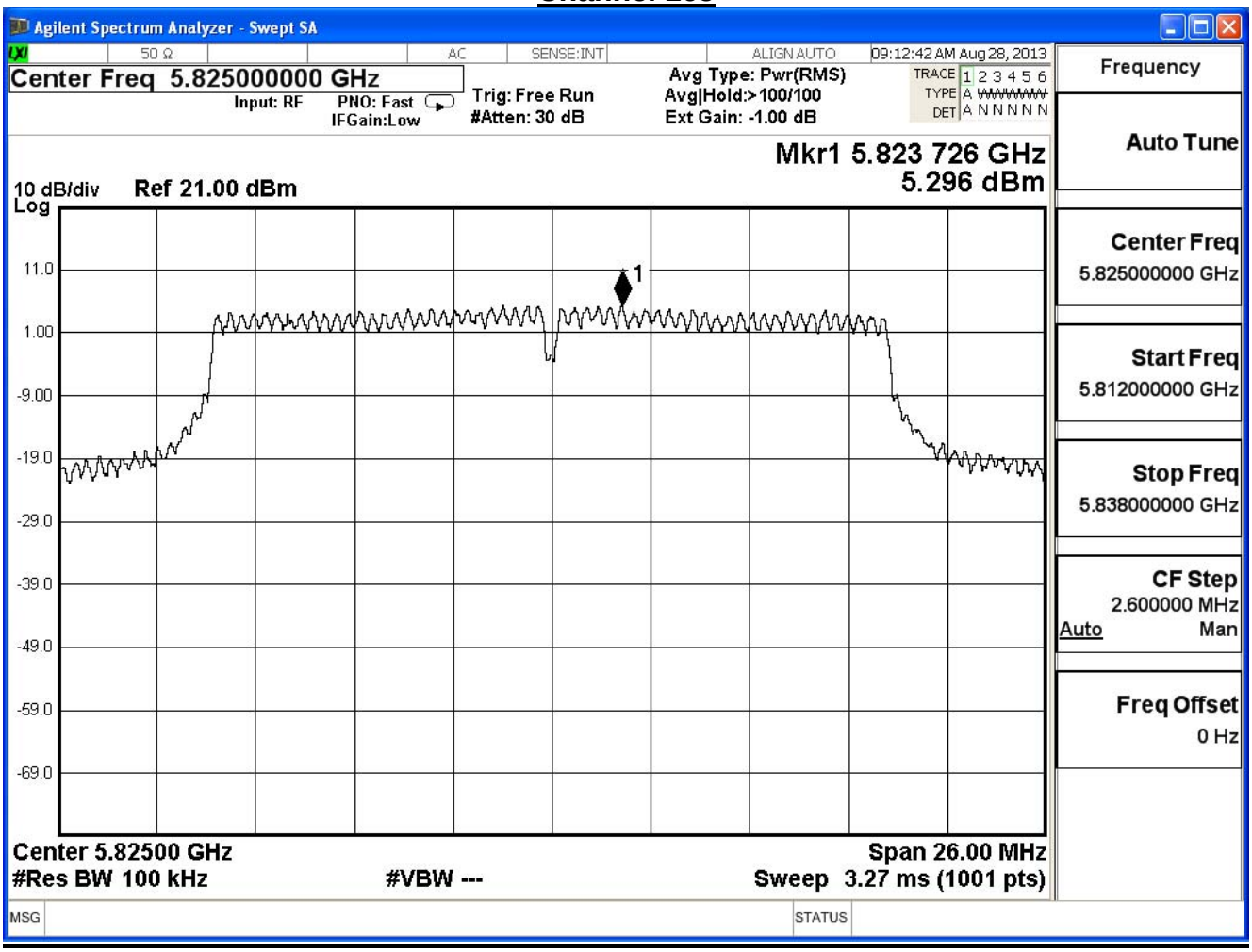
Channel 149



Channel 157


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:12:19 AM Aug 28, 2013
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: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.784 350 GHz
5.504 dBm
10 dB/div
Log
Ref 21.00 dBm
11.0
1.00
-9.00
-19.0
-29.0
-39.0
-49.0
-59.0
-69.0
Center 5.78500 GHz
#Res BW 100 kHz
#VBW ---
Span 26.00 MHz
Sweep 3.27 ms (1001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.772000000 GHz
Stop Freq
5.798000000 GHz
CF Step
2.600000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 165


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:12:42 AM Aug 28, 2013
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: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.823 726 GHz
5.296 dBm
10 dB/div
Log
Ref 21.00 dBm
11.0
1.00
-9.00
-19.0
-29.0
-39.0
-49.0
-59.0
-69.0
1
Center 5.82500 GHz
#Res BW 100 kHz
#VBW ---
Span 26.00 MHz
Sweep 3.27 ms (1001 pts)
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.812000000 GHz
Stop Freq
5.838000000 GHz
CF Step
2.600000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-5.78	≦5.19	Pass
157	5785	-5.12	≦5.19	Pass
165	5825	-5.46	≦5.19	Pass

Note:

Total Gain : 10log(3)+max Gain = 8.81dBi
Required Limit = 8dBm - (8.81dBi – 6dBi) = 5.19 dBm

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

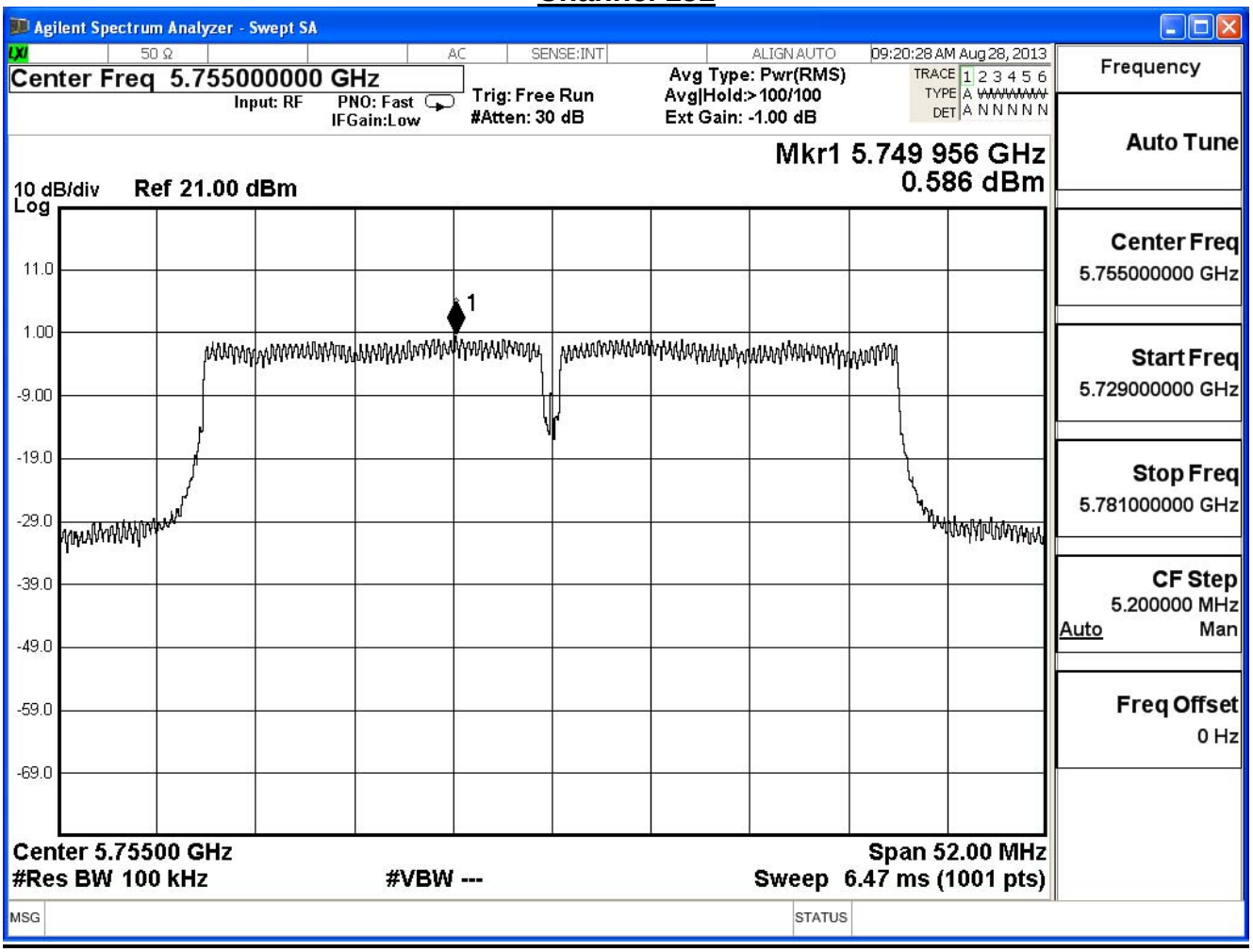
IEEE 802.11n_40MHz (ANT 0)

Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement (dBm)	Limit (dBm)	Result
151	5755	0.59	-14.61	≦5.19	Pass
159	5795	1.31	-13.89	≦5.19	Pass

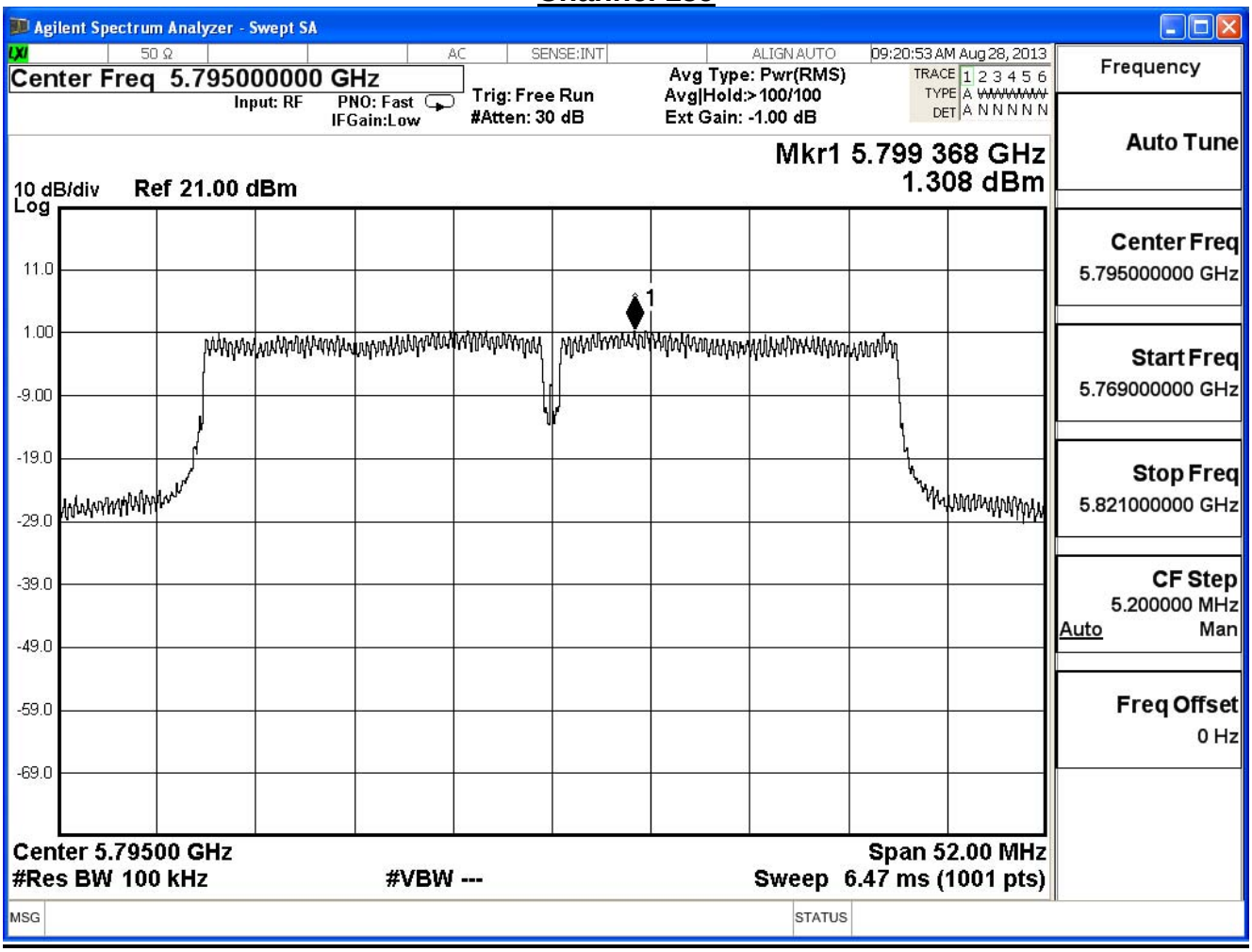
Note:

Total Gain : 10log(3)+max Gain = 8.81dBi
Required Limit = 8dBm - (8.81dBi – 6dBi) = 5.19 dBm

Channel 151



Channel 159


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:20:53 AM Aug 28, 2013
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: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.799 368 GHz
1.308 dBm
10 dB/div
Log
Ref 21.00 dBm
11.0
1.00
-9.00
-19.0
-29.0
-39.0
-49.0
-59.0
-69.0
Center 5.79500 GHz
#Res BW 100 kHz
#VBW ---
Span 52.00 MHz
Sweep 6.47 ms (1001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.795000000 GHz
Start Freq
5.769000000 GHz
Stop Freq
5.821000000 GHz
CF Step
5.200000 MHz
Auto
Man
Freq Offset
0 Hz

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

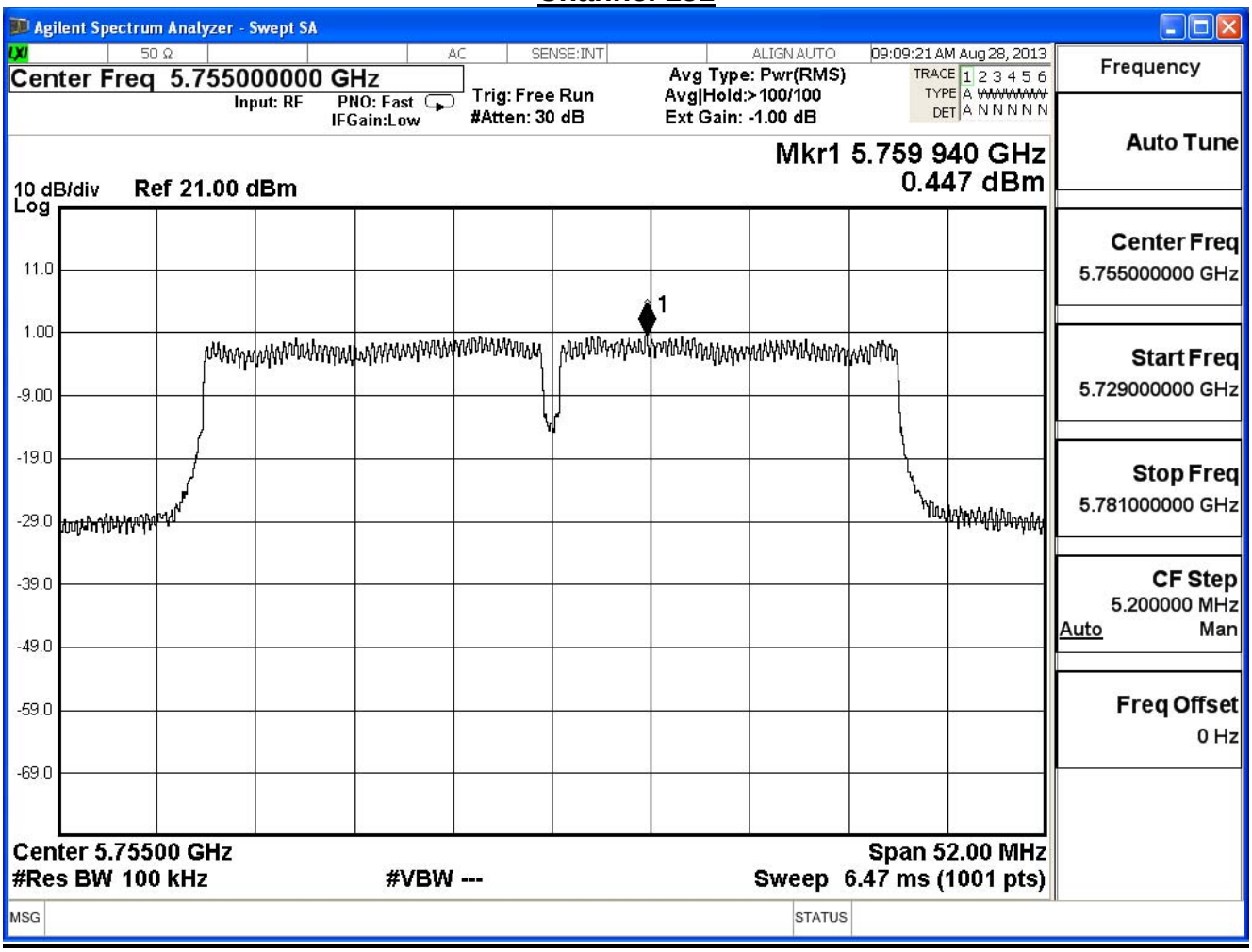
IEEE 802.11n_40MHz (ANT 1)

Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	0.45	-14.75	≦5.19	Pass
159	5795	1.50	-13.70	≦5.19	Pass

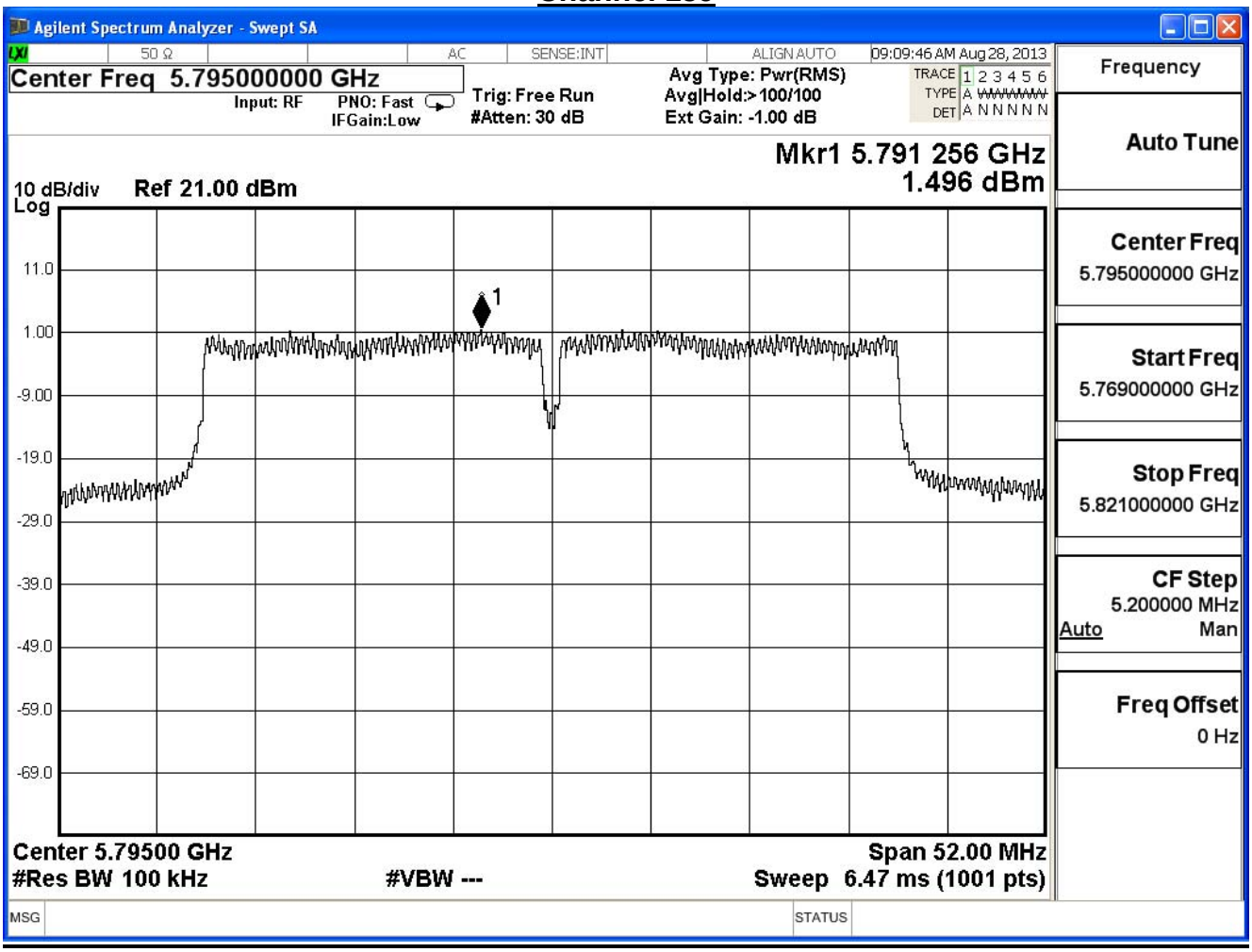
Note:

Total Gain : 10log(3)+max Gain = 8.81dBi
Required Limit = 8dBm - (8.81dBi – 6dBi) = 5.19 dBm

Channel 151



Channel 159


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:09:46 AM Aug 28, 2013
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: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.791 256 GHz
1.496 dBm
10 dB/div
Log
Ref 21.00 dBm
11.0
1.00
-9.00
-19.0
-29.0
-39.0
-49.0
-59.0
-69.0
Center 5.79500 GHz
#Res BW 100 kHz
#VBW ---
Span 52.00 MHz
Sweep 6.47 ms (1001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.795000000 GHz
Start Freq
5.769000000 GHz
Stop Freq
5.821000000 GHz
CF Step
5.200000 MHz
Auto
Man
Freq Offset
0 Hz

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

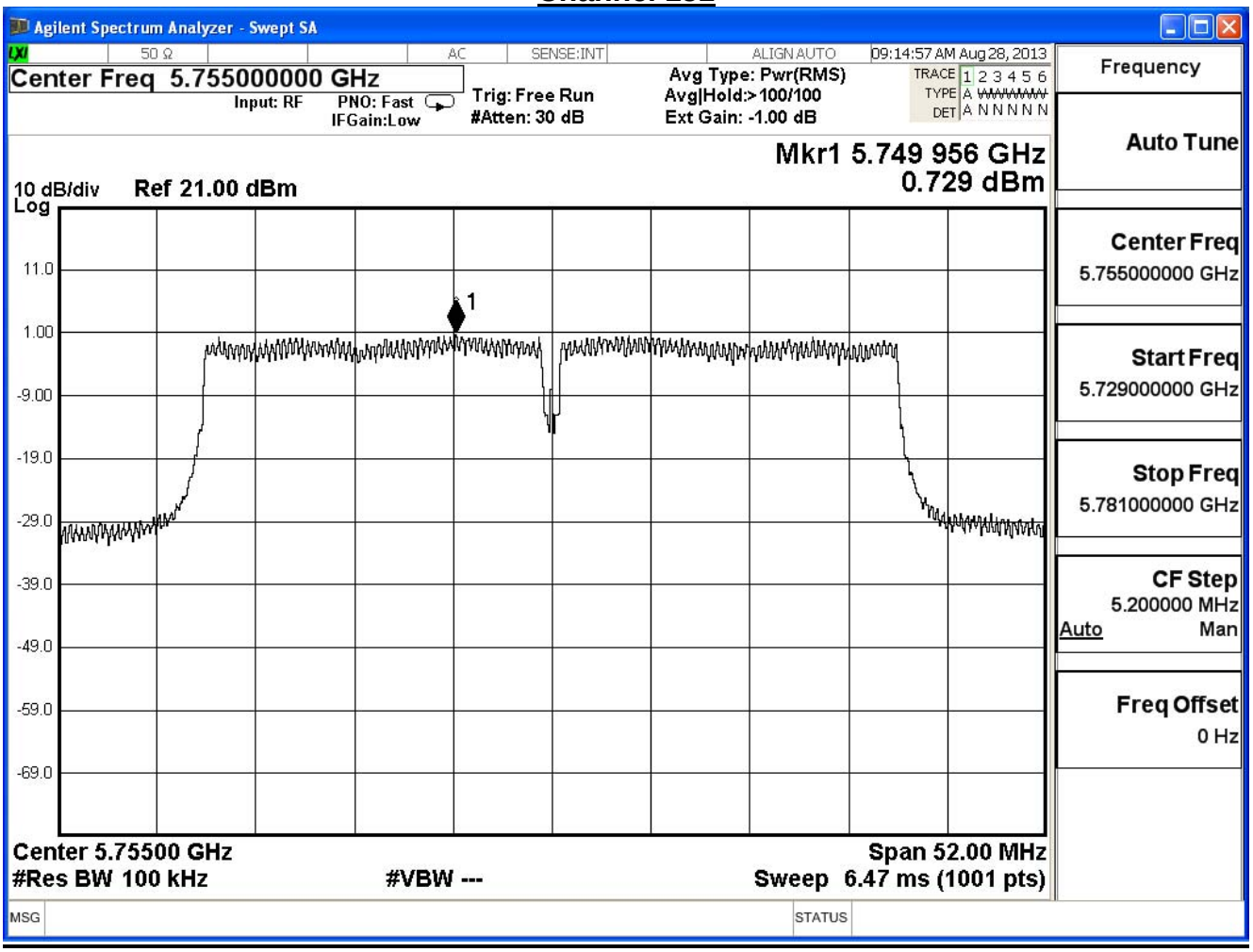
IEEE 802.11n_40MHz (ANT 2)

Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	0.73	-14.47	≦5.19	Pass
159	5795	1.91	-13.29	≦5.19	Pass

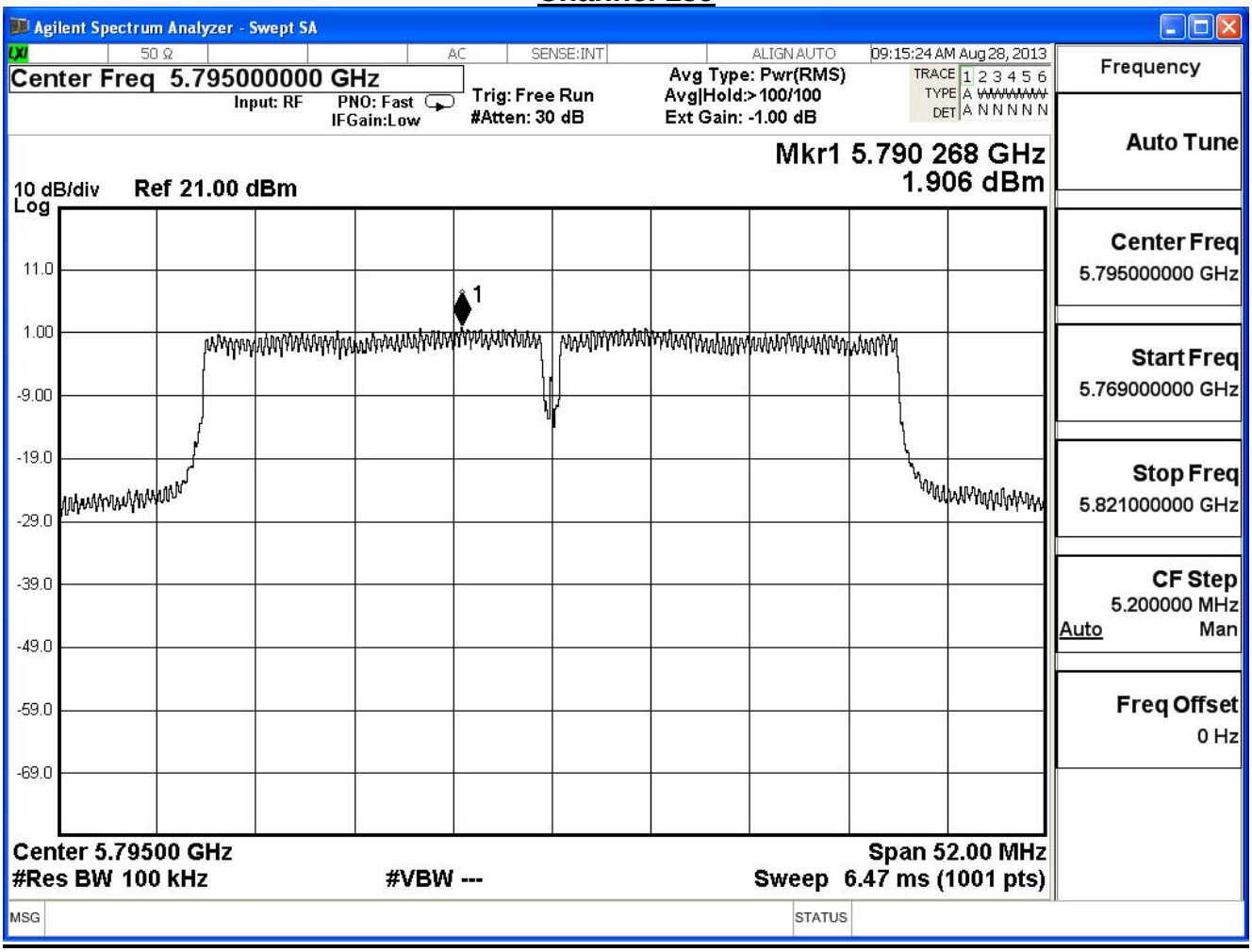
Note:

Total Gain : 10log(3)+max Gain = 8.81dBi
Required Limit = 8dBm - (8.81dBi – 6dBi) = 5.19 dBm

Channel 151



Channel 159


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:15:24 AM Aug 28, 2013
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: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Mkr1 5.790 268 GHz
1.906 dBm
10 dB/div
Log
Ref 21.00 dBm
11.0
1.00
-9.00
-19.0
-29.0
-39.0
-49.0
-59.0
-69.0
Center 5.79500 GHz
#Res BW 100 kHz
#VBW ---
Span 52.00 MHz
Sweep 6.47 ms (1001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.795000000 GHz
Start Freq
5.769000000 GHz
Stop Freq
5.821000000 GHz
CF Step
5.200000 MHz
Auto
Man
Freq Offset
0 Hz

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-9.84	≦5.19	Pass
159	5795	-8.85	≦5.19	Pass

Note:

Total Gain : 10log(3)+max Gain = 8.81dBi
Required Limit = 8dBm - (8.81dBi – 6dBi) = 5.19 dBm

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

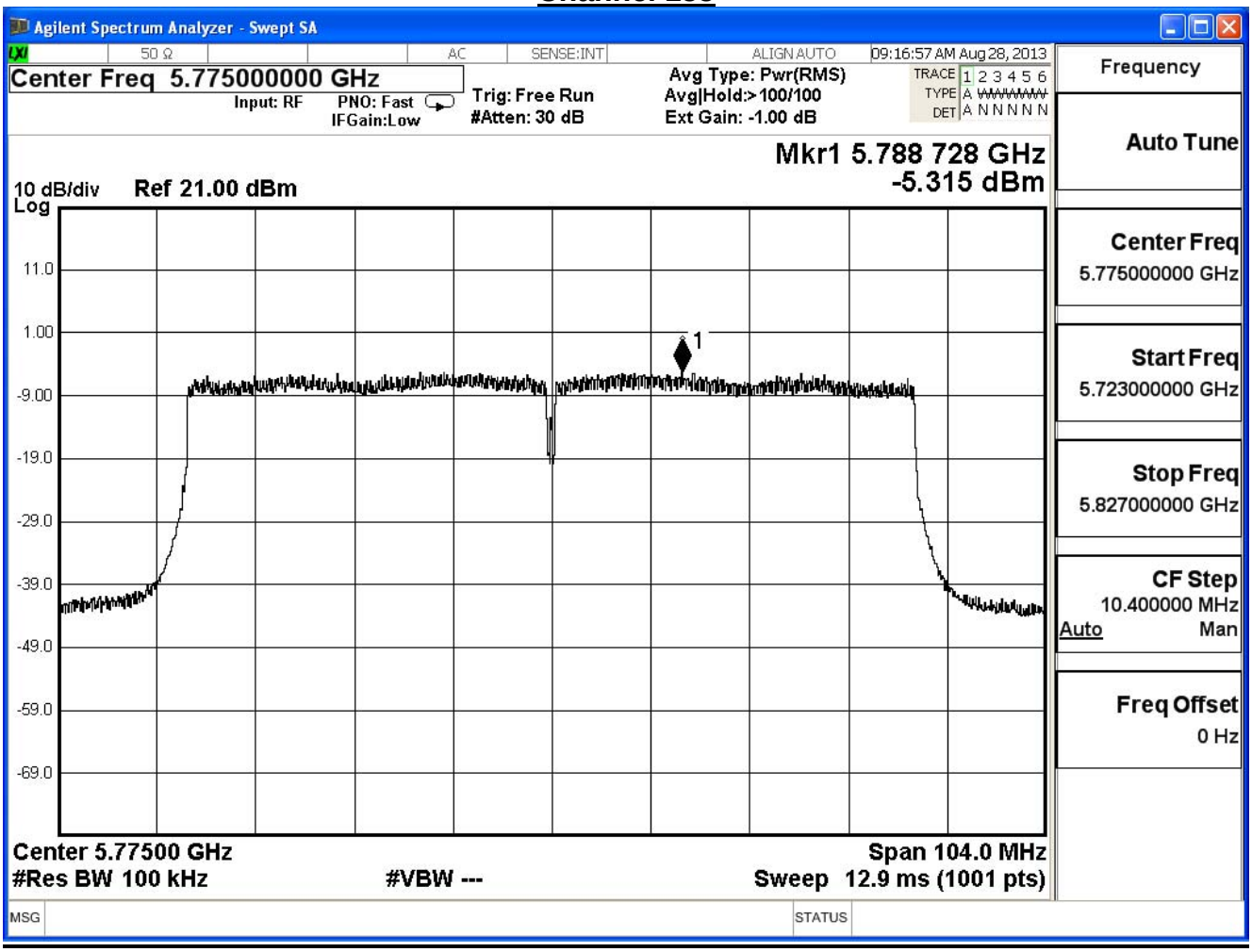
IEEE 802.11ac_80MHz (ANT 0)

Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-5.32	-20.52	≦5.19	Pass

Note:

Total Gain : 10log(3)+max Gain = 8.81dBi
Required Limit = 8dBm - (8.81dBi – 6dBi) = 5.19 dBm

Channel 155



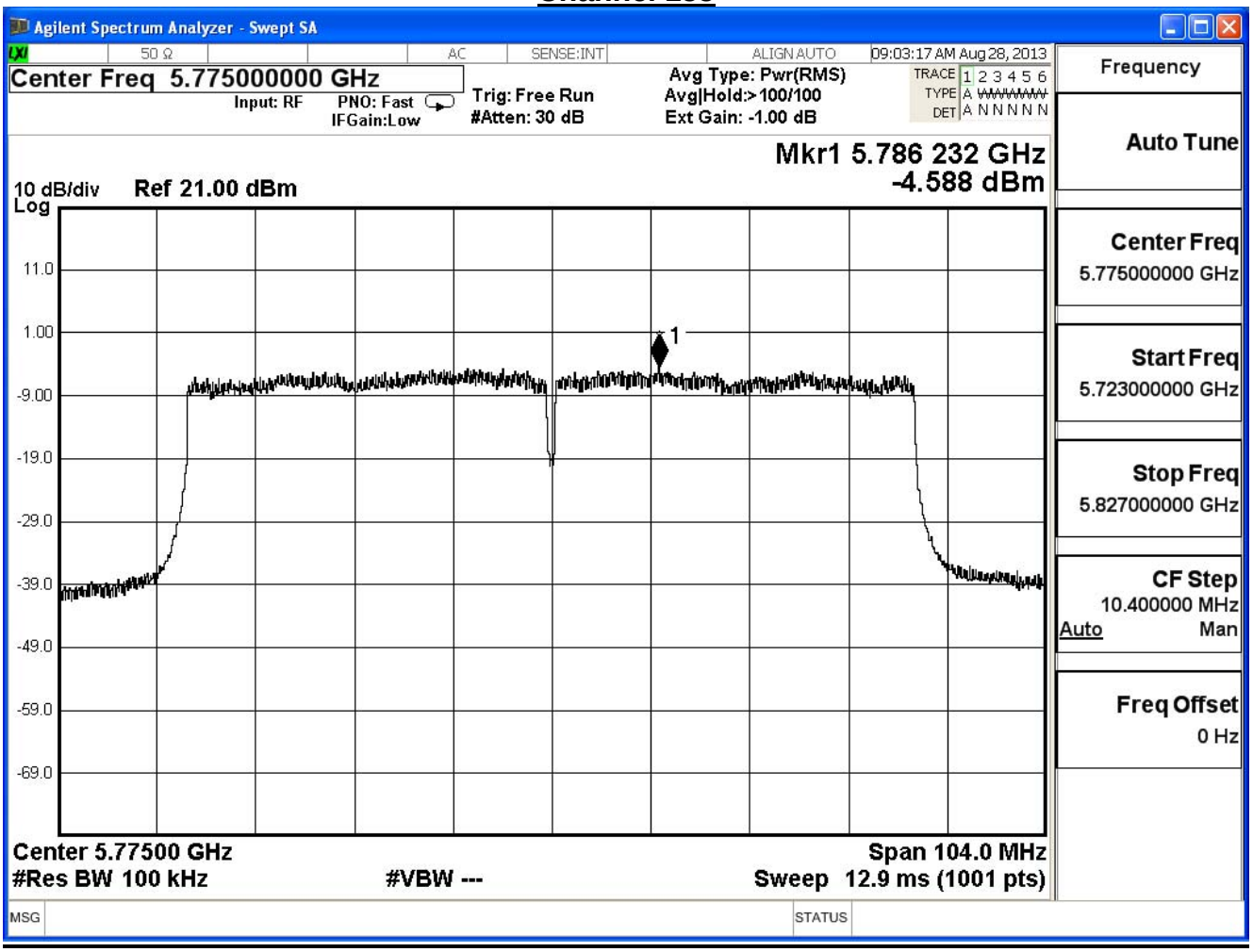
Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

IEEE 802.11ac_80MHz (ANT 1)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-4.59	-19.79	≦5.19	Pass

Note:

Total Gain : 10log(3)+max Gain = 8.81dBi
Required Limit = 8dBm - (8.81dBi – 6dBi) = 5.19 dBm

Channel 155



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

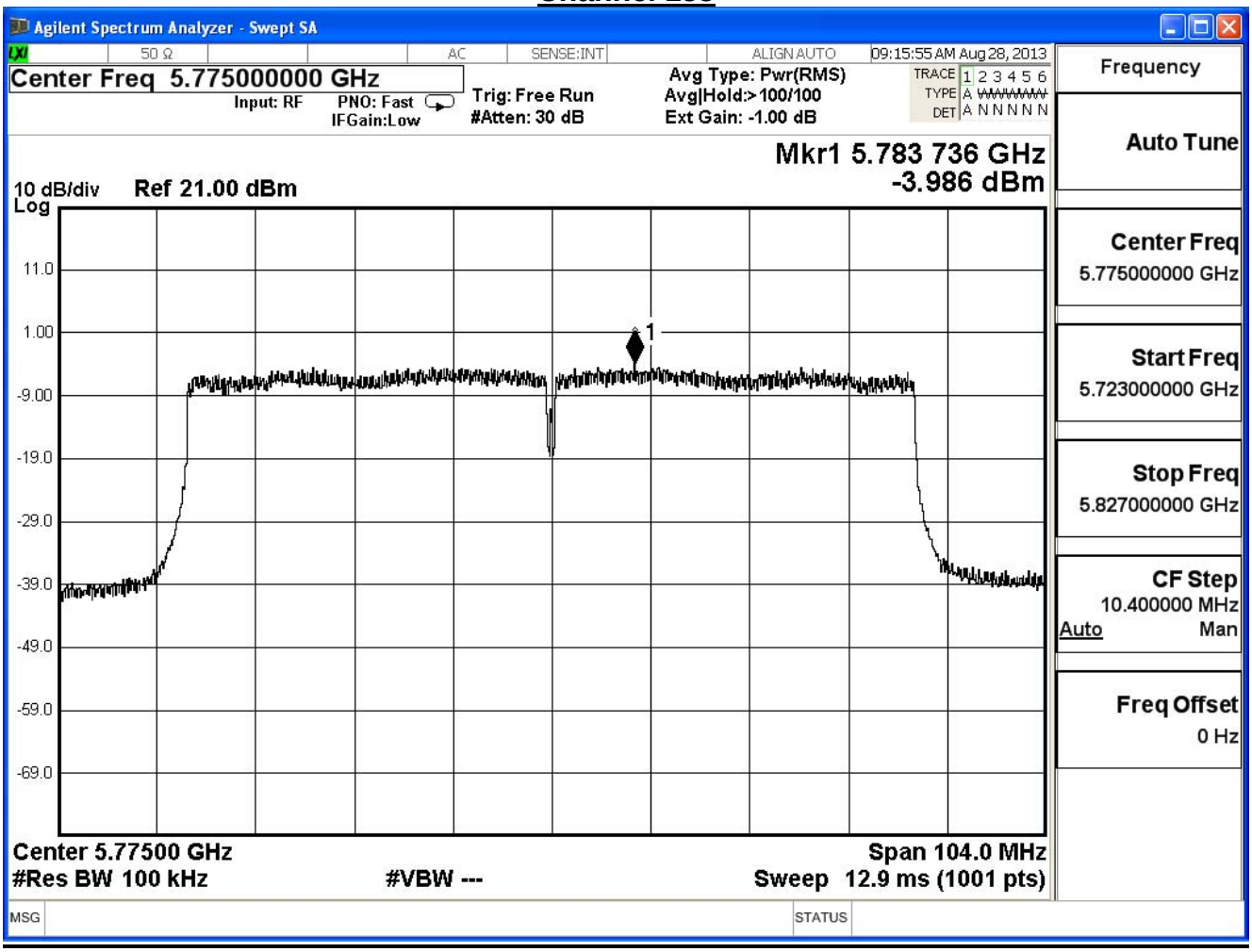
IEEE 802.11ac_80MHz (ANT 2)

Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-3.99	-19.19	≦5.19	Pass

Note:

Total Gain : 10log(3)+max Gain = 8.81dBi
Required Limit = 8dBm - (8.81dBi – 6dBi) = 5.19 dBm

Channel 155



Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH		
Date of Test	2013/08/28	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-15.02	≦5.19	Pass

Note:

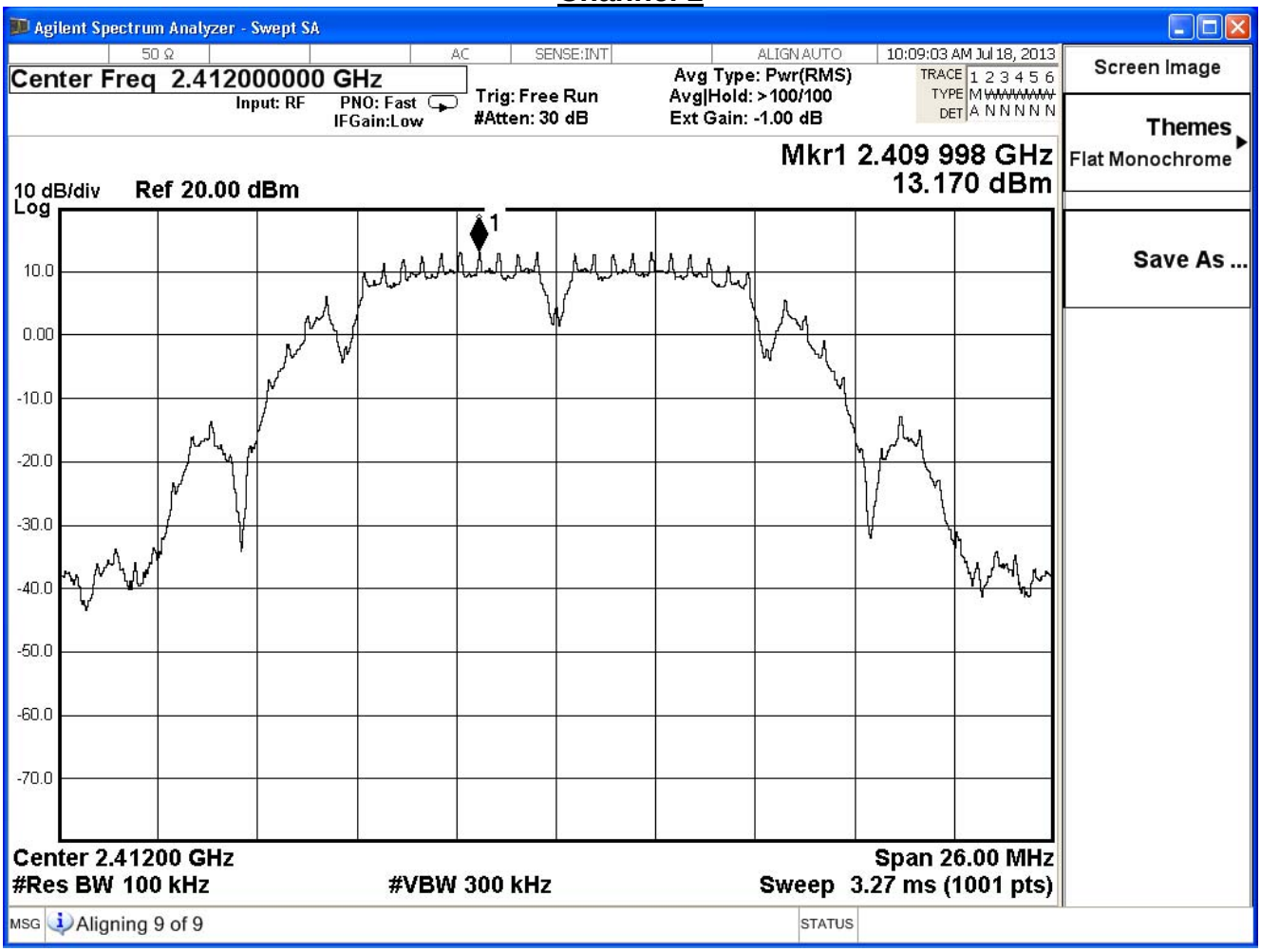
Total Gain : 10log(3)+max Gain = 8.81dBi
Required Limit = 8dBm - (8.81dBi – 6dBi) = 5.19 dBm

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

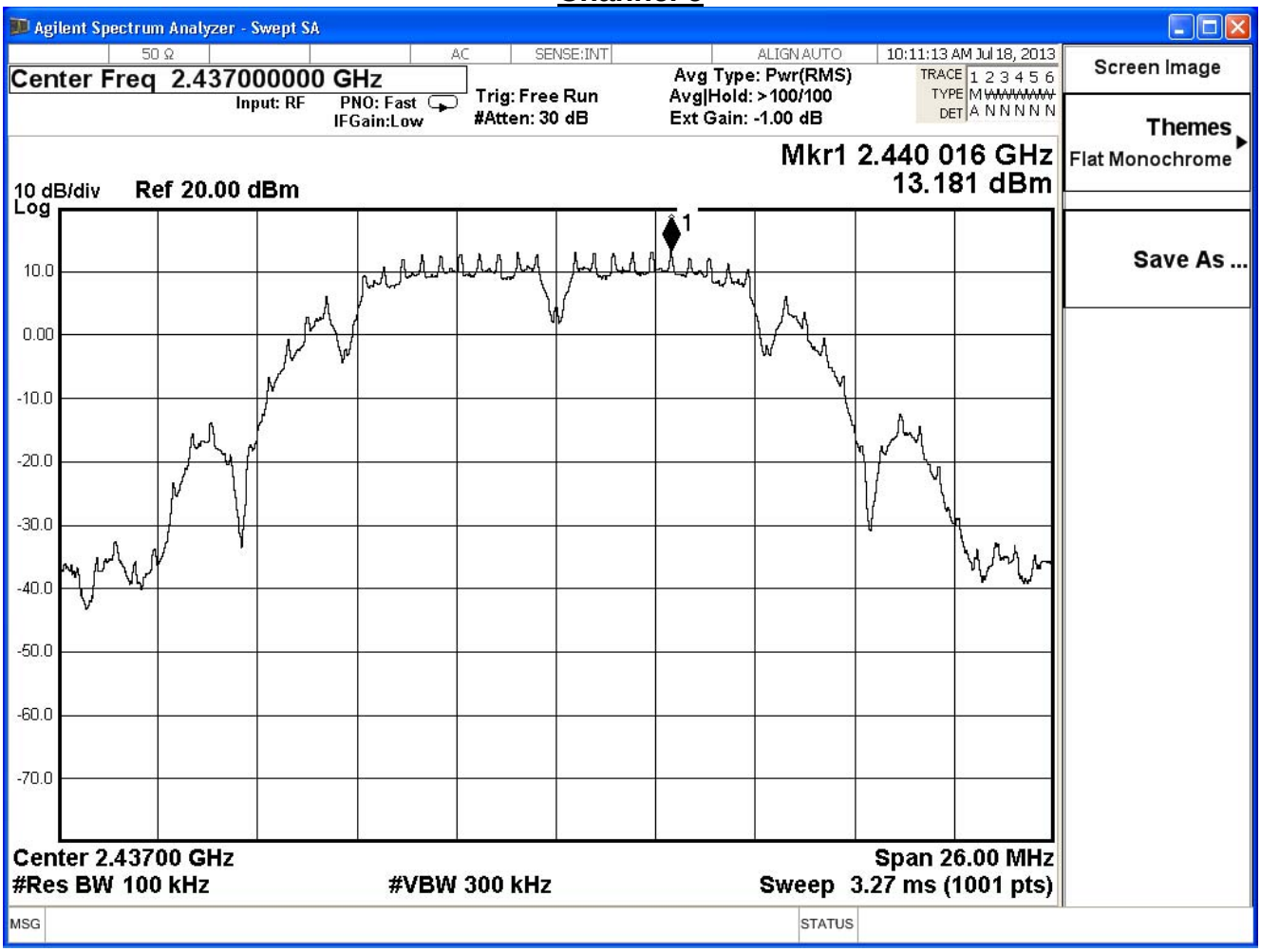
IEEE 802.11b

Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	13.17	-2.03	≦8	Pass
6	2437	13.18	-2.02	≦8	Pass
11	2462	12.63	-2.57	≦8	Pass

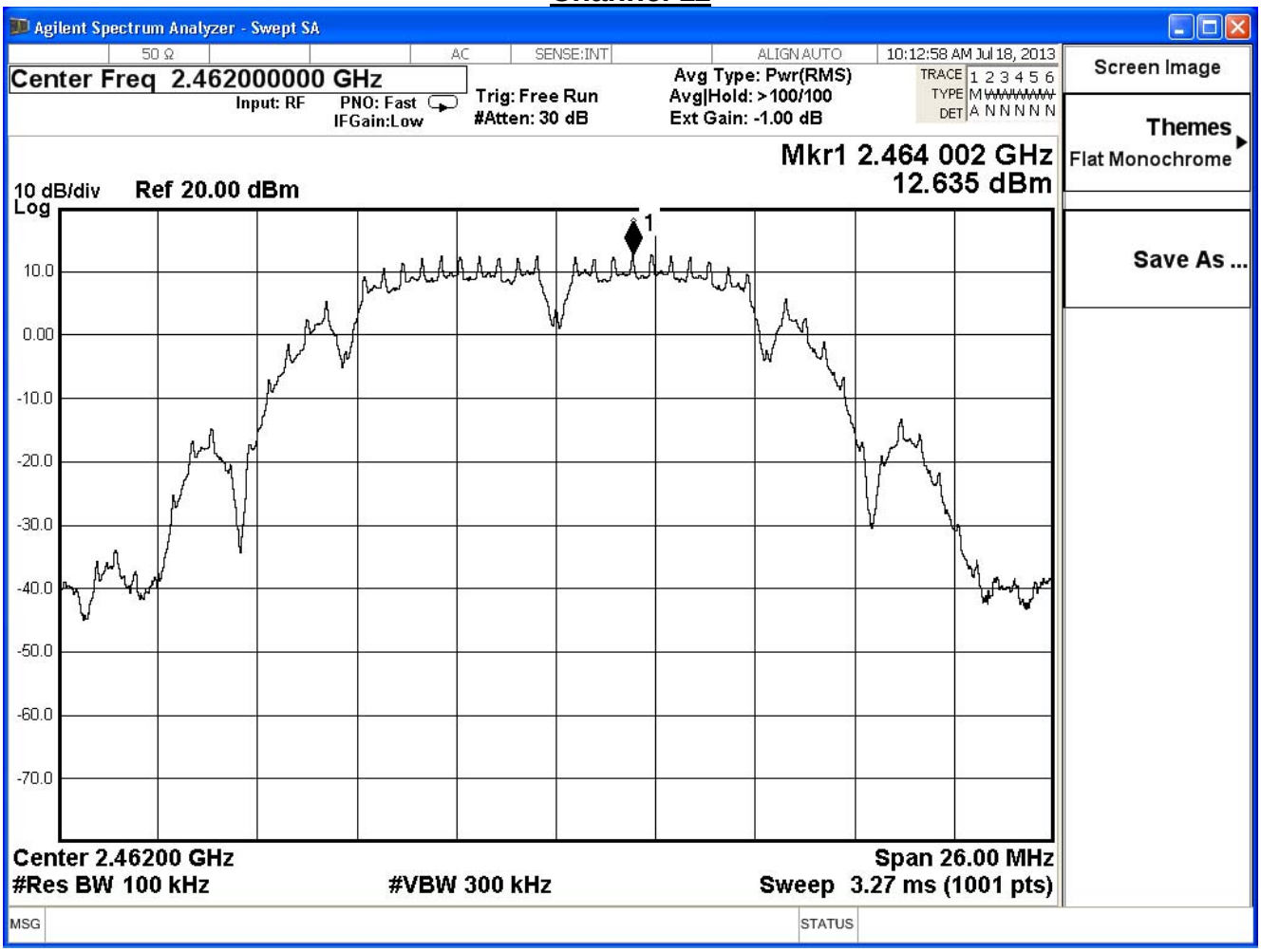
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:11:13 AM Jul 18, 2013
Center Freq 2.437000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold: >100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE M
DET A N N N N N
Mkr1 2.440 016 GHz
13.181 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 100 kHz
#VBW 300 kHz
Span 26.00 MHz
Sweep 3.27 ms (1001 pts)
MSG
STATUS
Screen Image
Themes
Flat Monochrome
Save As ...

Channel 11


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:12:58 AM Jul 18, 2013
Center Freq 2.462000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold: >100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE M
DET A N N N N N
Mkr1 2.464 002 GHz
12.635 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 100 kHz
#VBW 300 kHz
Span 26.00 MHz
Sweep 3.27 ms (1001 pts)
MSG
STATUS
Screen Image
Themes
Flat Monochrome
Save As ...