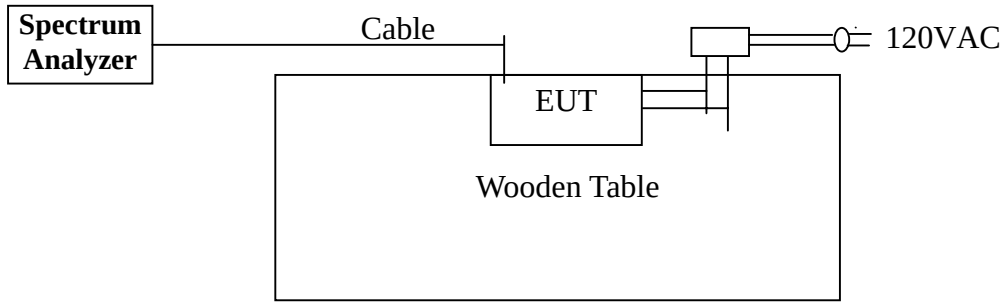
PEAK OUTPUT POWER MEASUREMENT

Standard Applicable

According to §15.247(b)(2), for direct sequence systems, the maximum peak output power of the intentional radiator shall not exceed 1 Watt.

Test Setup

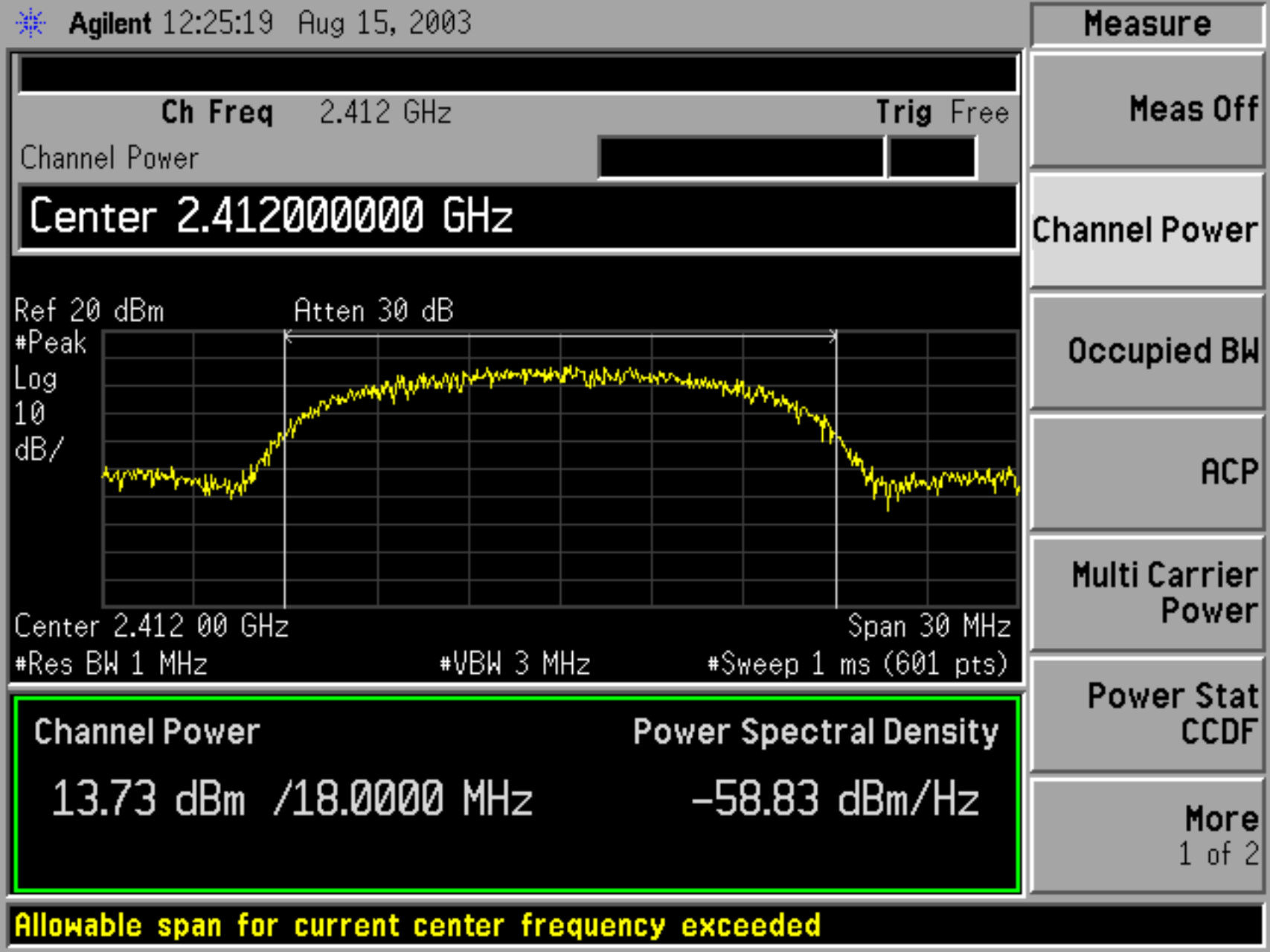


Measurement Equipment Used:

EQUIPMENT TYPE	MFR	Model No.	Serial No.	LAST CAL.	Cal. Due.
Spectrum Analyzer	Agilent	E4446A	US42510252	4/28/2003	4/27/2004
15low loss cable	Huber + Suhner	Sucoflex 104	N/A	N/A	N/A

Test Results:

Channel	Reading Power (dBm)	Cable Loss (dB)	Output Power (dBm)	Output Power (W)	Limit (W)	Result
Low	13.73	1.90	15.63	0.03656	1	PASS
Mid	13.75	1.90	15.65	0.03673	1	PASS
High	14.00	1.90	15.90	0.03890	1	PASS


Agilent 12:25:19 Aug 15, 2003
Measure
Ch Freq 2.412 GHz
Trig Free
Channel Power
Center 2.412000000 GHz
Meas Off
Channel Power
Occupied BW
ACP
Multi Carrier Power
Power Stat CCDF
More 1 of 2
Ref 20 dBm
Atten 30 dB
#Peak
Log
10
dB/
Center 2.412 00 GHz
Span 30 MHz
#Res BW 1 MHz
#VBW 3 MHz
#Sweep 1 ms (601 pts)
Channel Power
13.73 dBm /18.0000 MHz
Power Spectral Density
-58.83 dBm/Hz
Allowable span for current center frequency exceeded

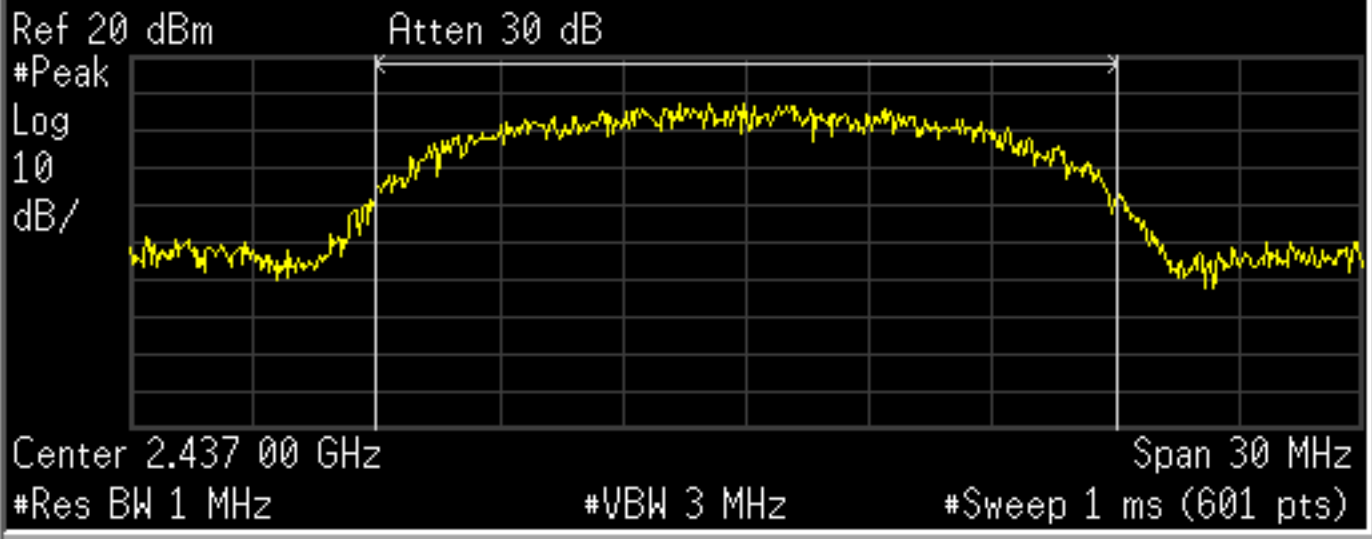
Agilent 12:26:52 Aug 15, 2003

Ch Freq 2.437 GHz

Trig Free

Channel Power

Ref Level 20.00 dBm



Channel Power	Power Spectral Density
13.75 dBm /18.0000 MHz	-58.80 dBm/Hz

Measure

Meas Off

Channel Power

Occupied BW

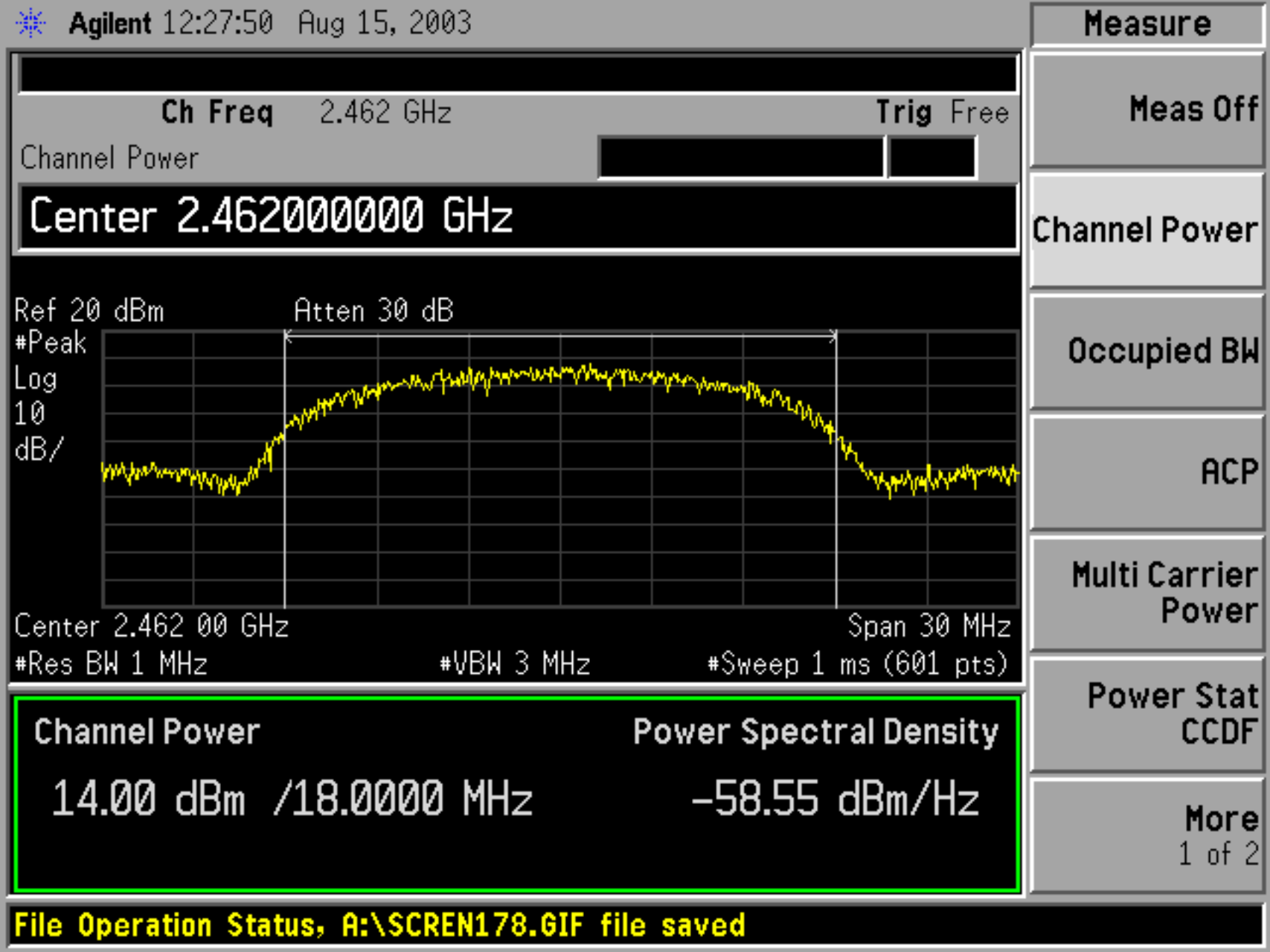
ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

File Operation Status, A:\SCREN177.GIF file saved


Agilent 12:27:50 Aug 15, 2003
Measure
Ch Freq 2.462 GHz
Trig Free
Channel Power
Center 2.462000000 GHz
Meas Off
Channel Power
Occupied BW
ACP
Multi Carrier Power
Power Stat CCDF
More 1 of 2
Ref 20 dBm
Atten 30 dB
#Peak
Log
10
dB/
Center 2.462 00 GHz
Span 30 MHz
#Res BW 1 MHz
#VBW 3 MHz
#Sweep 1 ms (601 pts)
Channel Power
14.00 dBm /18.0000 MHz
Power Spectral Density
-58.55 dBm/Hz
File Operation Status, A:\SCREN178.GIF file saved