MET Laboratories, Inc. *Safety Certification - EMI - Telecom Environmental Simulation*

914 WEST PATAPSCO AVENUE ● BALTIMORE, MARYLAND 21230-3432 ● PHONE (410) 354-3300 ● FAX (410) 354-3313
33439 WESTERN AVENUE ● UNION CITY, CALIFORNIA 94587 ● PHONE (510) 489-6300 ● FAX (510) 489-6372
3162 BELICK STREET ● SANTA CLARA, CALIFORNIA 95054 ● PHONE (408) 748-3585 ● FAX (510) 489-6372
13501 MCCALLEN PASS ● AUSTIN, TX 78753 ● PHONE (512) 287-2500 ● FAX (512) 287-2513

February 3, 2017

ARRIS Group, Inc.
3871 Lakefield Drive Suite 300
Suwanee, GA 30024

Dear Tony Figueiredo,

Enclosed is the EMC Wireless test report for compliance testing of the ARRIS Group, Inc., TG3482 (ER3) as tested to the requirements of Title 47 of the CFR, Ch. 1 (10-1-06 ed.), Title 47 of the CFR, Part 15.407, Subpart E (UNII 2).

Thank you for using the services of MET Laboratories, Inc. If you have any questions regarding these results or if MET can be of further service to you, please feel free to contact me.

Sincerely yours,
MET LABORATORIES, INC.

Jennifer Warnell
Documentation Department

Reference: (\ARRIS Group, Inc.\EMC89082A-FCC407 UNII 2 Rev. 6)

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Electromagnetic Compatibility Criteria
Test Report

for the

ARRIS Group, Inc.
Model TG3482 (ER3)

Tested under
theFCC Certification Rules
contained in
Title 47 of the CFR
15.407 Subpart E

MET Report: EMC89082A-FCC407 UNII 2 Rev. 6

February 3, 2017

Prepared For:

ARRIS Group, Inc.
3871 Lakefield Drive Suite 300
Suwanee, GA 30024

Prepared By:
MET Laboratories, Inc.
914 W. Patapsco Ave.
Baltimore, MD 21230

Electromagnetic Compatibility Criteria
Test Report

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ARRIS Group, Inc.
Model TG3482 (ER3)

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Title 47 of the CFR
15.407 Subpart E

Jun Qi, Project Engineer
Electromagnetic Compatibility Lab

Jennifer Warnell
Documentation Department

Engineering Statement: The measurements shown in this report were made in accordance with the procedures indicated, and the emissions from this equipment were found to be within the limits applicable. I assume full responsibility for the accuracy and completeness of these measurements, and for the qualifications of all persons taking them. It is further stated that upon the basis of the measurements made, the equipment tested is capable of operation in accordance with the requirements of 15.407 of the FCC Rules under normal use and maintenance.

Asad Bajwa,
Director, Electromagnetic Compatibility Lab

Report Status Sheet

Revision	Report Date	Reason for Revision
∅	December 2, 2016	Initial Issue.
1	December 6, 2016	Added to Undesirable Emissions test procedure.
2	December 14, 2016	Added Duty Cycle check section.
3	January 19, 2017	Added 4x8 and 8x8 modes.
4	January 25, 2017	Added additional band edge channel plots.
5	February 2, 2017	Corrected channel frequencies for statistical performance checks.
6	February 3, 2017	Editorial correction.

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List of Terms and Abbreviations

AC	**A**lternating **C**urrent
ACF	**A**ntenna **C**orrection **F**actor
Cal	**Cal**ibration
d	**M**easurement **D**istance
dB	**D**eci**b**els
dBμA	**D**eci**b**els above one **micro**amp
dBμV	**D**eci**b**els above one **micro**volt
dBμA/m	**D**eci**b**els above one **micro**amp **per m**eter
dBμV/m	**D**eci**b**els above one **micro**volt **per m**eter
DC	**D**irect **C**urrent
E	**E**lectric Field
DSL	**D**igital **S**ubscriber **L**ine
ESD	**E**lectro**s**tatic **D**ischarge
EUT	**E**quipment **U**nder **T**est
f	**F**requency
FCC	**F**ederal **C**ommunications **C**ommission
GRP	**G**round **R**eference **P**lane
H	Magnetic Field
HCP	**H**orizontal **C**oupling **P**lane
Hz	**H**ert**z**
IEC	**I**nternational **E**lectrotechnical **C**ommission
kHz	**k**ilo**h**ert**z**
kPa	**k**ilo**pa**scal
kV	**k**ilovolt
LISN	**L**ine **I**mpedance **S**tabilization **N**etwork
MHz	**M**ega**h**ertz
μH	**microh**enry
μ	**microf**arad
μs	**micros**econds
PRF	**P**ulse **R**epetition **F**requency
RF	**R**adio **F**requency
RMS	**R**oot-**M**ean-**S**quare
TWT	**T**raveling **W**ave **T**ube
V/m	**V**olts **per m**eter
VCP	**V**ertical **C**oupling **P**lane

I. Executive Summary

A. Purpose of Test

An EMC evaluation was performed to determine compliance of the ARRIS Group, Inc. TG3482 (ER3), with the requirements of Part 15, §15.407. All references are to the most current version of Title 47 of the Code of Federal Regulations in effect. In accordance with §2.1033, the following data is presented in support of the Certification of the TG3482 (ER3). ARRIS Group, Inc. should retain a copy of this document which should be kept on file for at least two years after the manufacturing of the TG3482 (ER3), has been **permanently** discontinued.

B. Executive Summary

The following tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15, §15.407, in accordance with ARRIS Group, Inc., purchase order number AR1079104. All tests were conducted using measurement procedure ANSI C63.4-2014.

FCC Reference	Description	Results
§15.203	Antenna Requirement	Compliant
§15.403(i)	26 dB Occupied Bandwidth	Compliant
§15.407 (a)(2)	Maximum Conducted Output Power	Compliant
§15.407 (a)(2)	Maximum Power Spectral Density	Compliant
§15.407 (b)(2 – 3)& (6 - 7)	Undesirable Emissions	Compliant
§15.407(f)	RF Exposure	Compliant
15.40 (h)(2)	U-NII Detection Bandwidth	Compliant
15.407(h)(2)(ii)	Channel Availability Check Time	Compliant
15.407(h)(2)(ii-iii)	In-Service Monitoring	Compliant
15.407(h)(2)	Statistical Performance Check	Compliant

Table 1. Executive Summary of EMC Part 15.407 ComplianceTesting

II. Equipment Configuration

A. Overview

MET Laboratories, Inc. was contracted by ARRIS Group, Inc. to perform testing on the TG3482 (ER3), under ARRIS Group, Inc.'s purchase order number AR1079104.

This document describes the test setups, test methods, required test equipment, and the test limit criteria used to perform compliance testing of the ARRIS Group, Inc. TG3482 (ER3).

The results obtained relate only to the item(s) tested.

Model(s) Tested:	TG3482 (ER3)	
Model(s) Covered:	TG3482 (ER3)	
EUT Specifications:	Primary Power: 115 VAC, 60 Hz	
	FCC ID: UIDTG3482ER3	
	Type of Modulations:	OFDM
	Equipment Code:	NII
	Peak RF Output Power:	11n 40MHz @5670MHz: 21.29 dBm
	EUT Frequency Ranges:	5150 -5850 MHz
Analysis:	The results obtained relate only to the item(s) tested.	
Environmental Test Conditions:	Temperature: 15-35º C	
	Relative Humidity: 30-60%	
	Barometric Pressure: 860-1060 mbar	
Type of Filing:	Original	
Evaluated by:	Jun Qi	
Report Date(s):	February 3, 2017	

Table 2. EUT Summary

B. References

CFR 47, Part 15, Subpart E	Unlicensed National Information Infrastructure Devices (UNII)
ANSI C63.4:2014	Methods and Measurements of Radio-Noise Emissions from Low-Voltage Electrical And Electronic Equipment in the Range of 9 kHz to 40 GHz
ISO/IEC 17025:2005	General Requirements for the Competence of Testing and Calibration Laboratories
ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices
789033 D02 General UNII Test Procedures New Rules v01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
905462 DO2 UNII DFS Compliance Procedures New Rules v01r02	Compliance Measurement Procedures for Unlicensed-National Information Infrastructure Devices Operating in the 5250-5350 MHz and 5470-5725 MHz Bands Incorporating Dynamic Frequency Selection

Table 3. References

C. Test Site

All testing was performed at MET Laboratories, Inc., 3162 Belick Street, Santa Clara, CA 95054. All equipment used in making physical determinations is accurate and bears recent traceability to the National Institute of Standards and Technology.

Radiated Emissions measurements were performed in a 10 meter semi-anechoic chamber (equivalent to an Open Area Test Site). In accordance with §2.948(a)(3), a complete site description is contained at MET Laboratories.

D. Description of Test Sample

The ARRIS Group, Inc. TG3482 (ER3) Telephony Wireless Gateway supporting DOCSIS 3.1, Equipment Under Test (EUT), along with its 8x8 802.11ac Dual Band Wireless radios. The IoT subsystem is capable of supporting personal area networks based on ZigBee, Thread and BTLE.

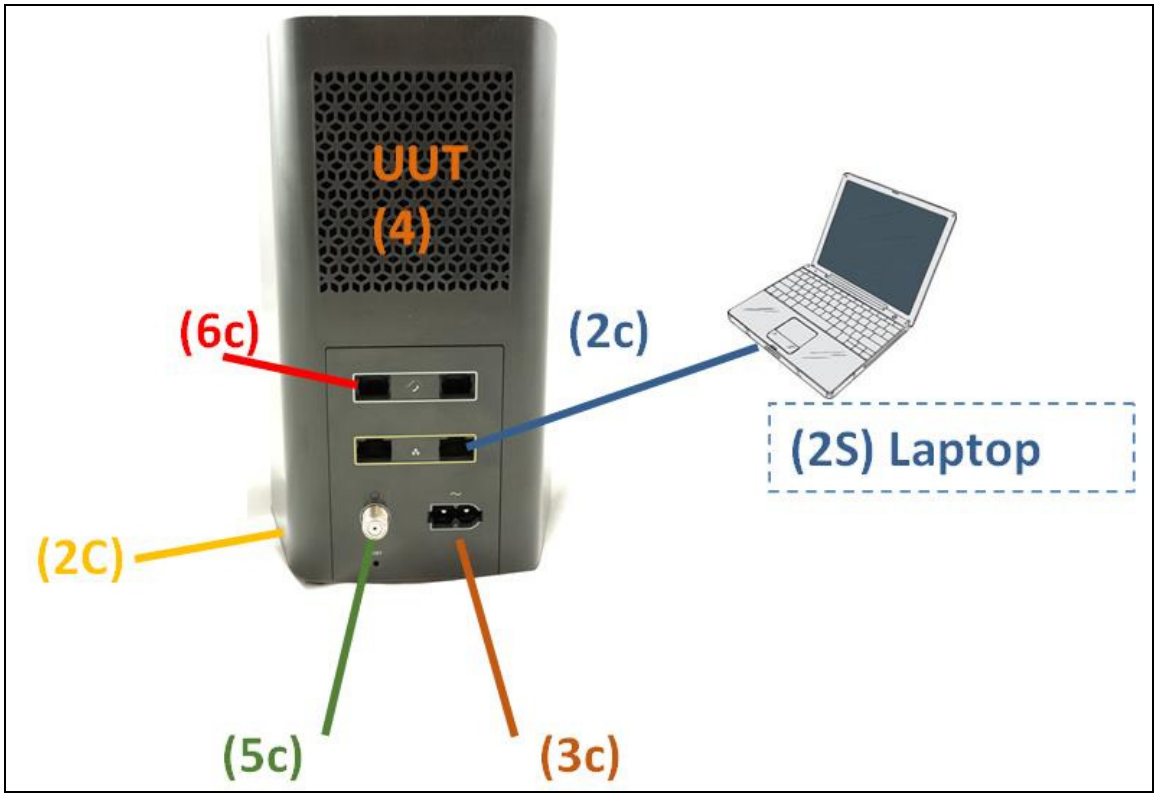


Figure 1. Block Diagram of Test Configuration

E. Equipment Configuration

The EUT was set up as outlined in Figure 1, Block Diagram of Test Setup. All cards, racks, etc., incorporated as part of the EUT is included in the following list.

Ref. ID	Name / Description	Model Number	Part Number	Serial Number	Revision
--	TG3482 (ER3)	TG3482	--	--	--

Table 4. Equipment Configuration

F. Support Equipment

Support equipment necessary for the operation and testing of the EUT is included in the following list.

Ref. ID	Name / Description	Manufacturer	Model Number
2s	Laptop	Assorted	N/A

Table 5. Support Equipment

G. Ports and Cabling Information

Ref. ID	Port Name on EUT	Cable Description	Qty.	Length (m)	Shielded (Y/N)	Termination Point
2C	USB	USB-to-Serial	1	1	No	--
3C	AC Input	2 conductor, 18 AWG	1	2	No	(115v/60hz)
4C	Ethernet	5e Modular 8 pin only one Ethernet cord needed for WiFi testing	Up to 4	1	No	--
5C	Coax	Coax. Not used for WiFi testing	1	0	Yes	--
6C	Telephony	Not used for WiFi testing	Up to 2	0	No	--

Table 6. Ports and Cabling Information

H. Mode of Operation

The provided instructions and software will configure the TG3482 (ER3) for operation at each required test mode.

I. Method of Monitoring EUT Operation

The measured emission value is over the specified FCC limits.

J. Modifications

a) Modifications to EUT

No modifications were made to the EUT.

b) Modifications to Test Standard

No modifications were made to the test standard.

K. Disposition of EUT

The test sample including all support equipment submitted to the Electro-Magnetic Compatibility Lab for testing was returned to ARRIS Group, Inc. upon completion of testing.

III. Electromagnetic Compatibility Criteria for Intentional Radiators

Electromagnetic Compatibility Criteria for Intentional Radiators

§ 15.203 Antenna Requirement

Test Requirement: **§ 15.203:** An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

The structure and application of the EUT were analyzed to determine compliance with Section 15.203 of the Rules. Section 15.203 states that the subject device must meet at least one of the following criteria:

a.) Antenna must be permanently attached to the unit.

b.) Antenna must use a unique type of connector to attach to the EUT.

c.) Unit must be professionally installed. Installer shall be responsible for verifying that the correct antenna is employed with the unit.

Results: The EUT as tested is compliant the criteria A of §15.203. The EUT has an antenna permanently attached.

Test Engineer(s): Jun Qi

Test Date(s): 11/04/16

Electromagnetic Compatibility Criteria for Intentional Radiators

§ 15. 403(i) 26dB Bandwidth

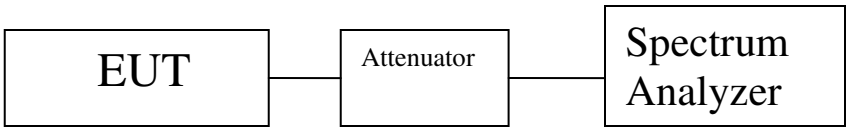
Test Requirements: **§ 15.403(i):** For purposes of this subpart the emission bandwidth shall be determined by measuring the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, that are 26 dB down relative to the maximum level of the modulated carrier. Determination of the emissions bandwidth is based on the use of measurement instrumentation employing a peak detector function with an instrument resolution bandwidth approximately equal to 1.0 percent of the emission bandwidth of the device under measurement.

Test Procedure: The transmitter was set to low, mid, and high operating frequencies at the highest output power and connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured with the spectrum analyzer using a RBW approximately equal to 1% of the total emission bandwidth, VBW > RBW. The 26 dB Bandwidth was measured and recorded.

Test Results The 26 dB Bandwidth was compliant with the requirements of this section.

Test Engineer(s): Jun Qi

Test Date(s): 11/04/16



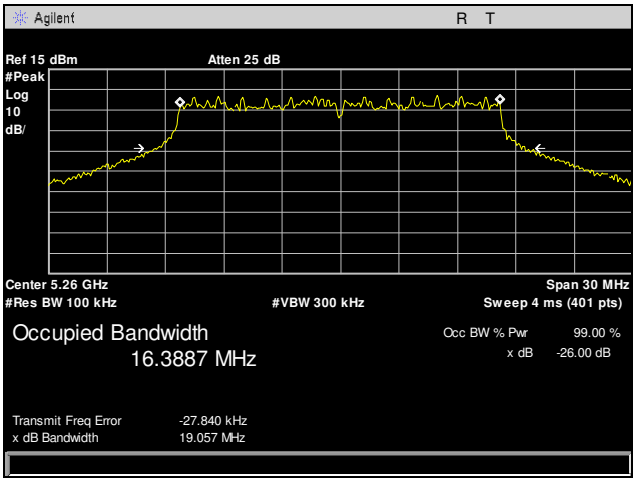
UNII 2A Bandwidth			
AC			
Center Frequency	**Bandwidth**	**Mode**	**26 dB Bandwidth(MHz)**
Ch 5250M	BW 160M	ac mode	158.192
Ch 5290M	BW 80M	ac mode	77.77
Ch 5270M	BW 40M	ac mode	38.359
Ch 5310M	BW 40M	ac mode	38.438
Ch 5260M	BW 20M	ac mode	19.879
Ch 5300M	BW 20M	ac mode	20.063
Ch 5320M	BW 20M	ac mode	19.833
N			
Center Frequency	**Bandwidth**	**Mode**	**26 dB Bandwidth (MHz)**
Ch 5270M	BW 40M	n mode	38.825
Ch 5310M	BW 40M	n mode	39.117
Ch 5260M	BW 20M	n mode	21.113
Ch 5300M	BW 20M	n mode	21.48
Ch 5320M	BW 20M	n mode	21.306
A			
Center Frequency	**Bandwidth**	**Mode**	**26 dB Bandwidth (MHz)**
Ch 5260M	BW 20M	a mode	19.057
Ch 5300M	BW 20M	a mode	19.135
Ch 5320M	BW 20M	a mode	19.114

Table 7. Occupied Bandwidth, Test Results, Lower Bands

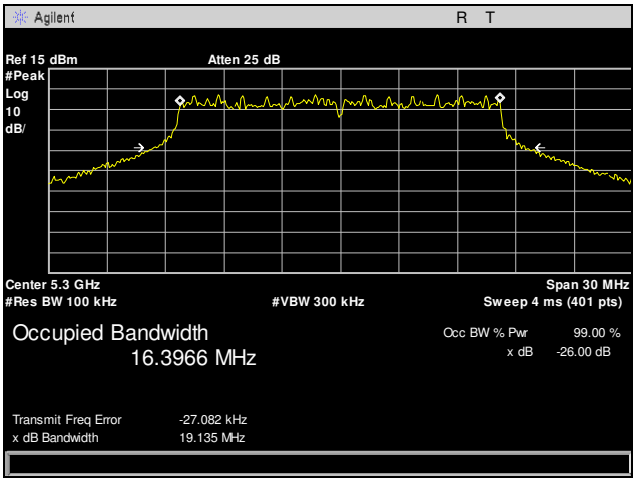
UNII 2C Bandwidth			
AC			
Center Frequency	**Bandwidth**	**Mode**	**26 dB Bandwidth(MHz)**
Ch 5570M	BW 160M	ac mode	158.269
Ch 5530M	BW 80M	ac mode	77.974
Ch 5610M	BW 80M	ac mode	78.05
Ch 5510M	BW 40M	ac mode	38.295
Ch 5550M	BW 40M	ac mode	38.44
Ch 5670M	BW 40M	ac mode	38.358
Ch 5500M	BW 20M	ac mode	20.196
N			
Center Frequency	**Bandwidth**	**Mode**	**26 dB Bandwidth**
Ch 5510M	BW 40M	n mode	38.552
Ch 5550M	BW 40M	n mode	38.549
Ch 5670M	BW 40M	n mode	38.74
Ch 5500M	BW 20M	n mode	21.08
Ch 5580M	BW 20M	n mode	21.021
A			
Center Frequency	**Bandwidth**	**Mode**	**26 dB Bandwidth**
Ch 5500M	BW 20M	a mode	19.135
Ch 5580M	BW 20M	a mode	19.107
Ch 5700M	BW 20M	a mode	19.158

Table 8. Occupied Bandwidth, Test Results, Upper Bands

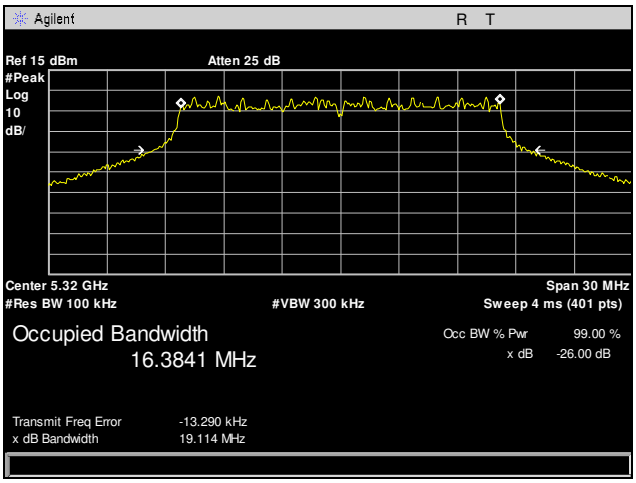
Occupied Bandwidth, 802.11a



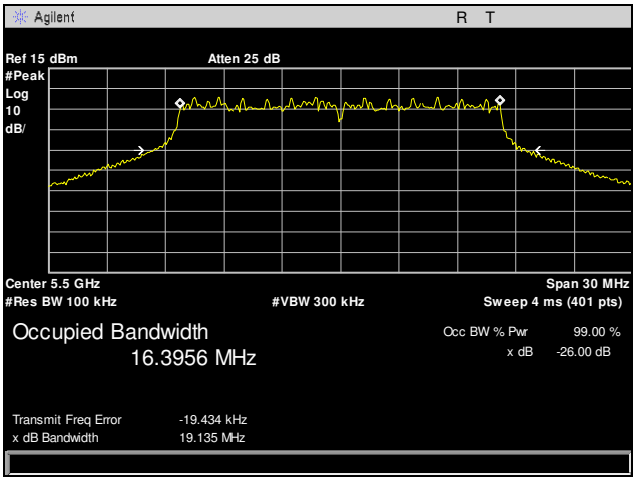
Plot 1. Occupied Bandwidth, 802.11a, 5260 MHz



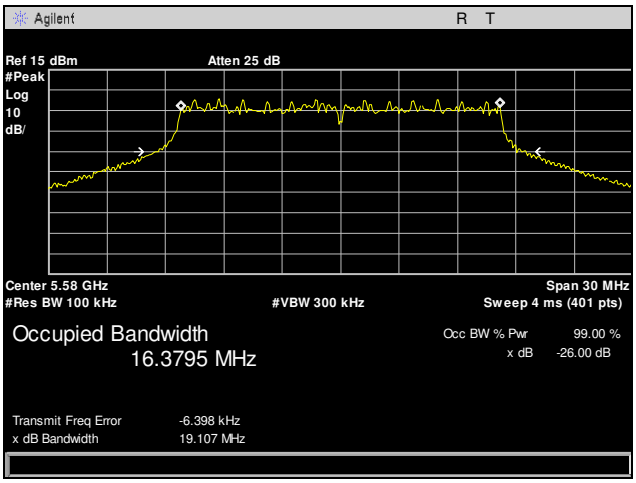
Plot 2. Occupied Bandwidth, 802.11a, 5300 MHz



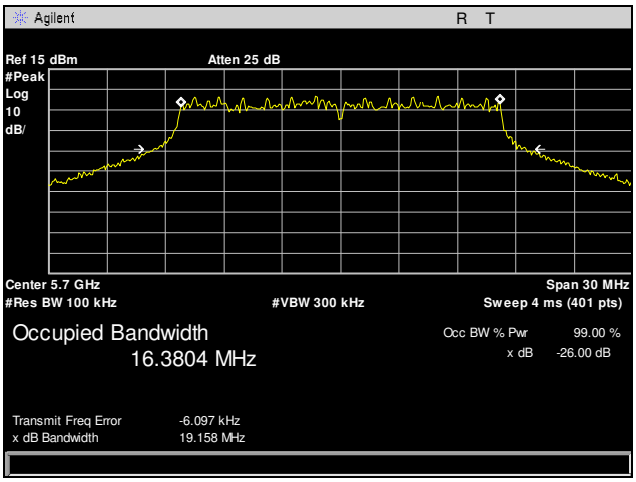
Plot 3. Occupied Bandwidth, 802.11a, 5320 MHz



Plot 4. Occupied Bandwidth, 802.11a, 5500 MHz

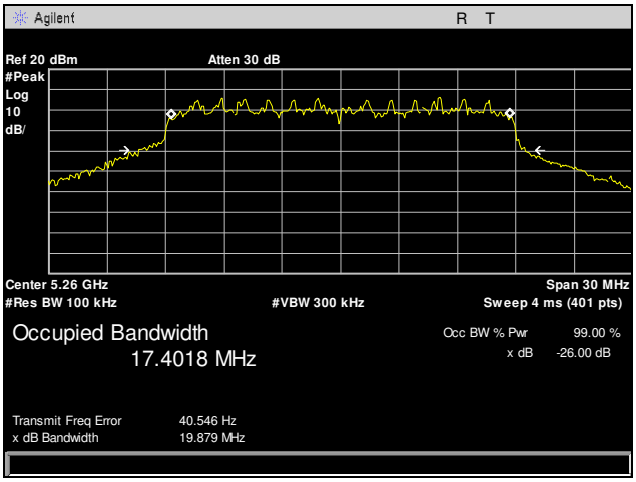


Plot 5. Occupied Bandwidth, 802.11a, 5580 MHz

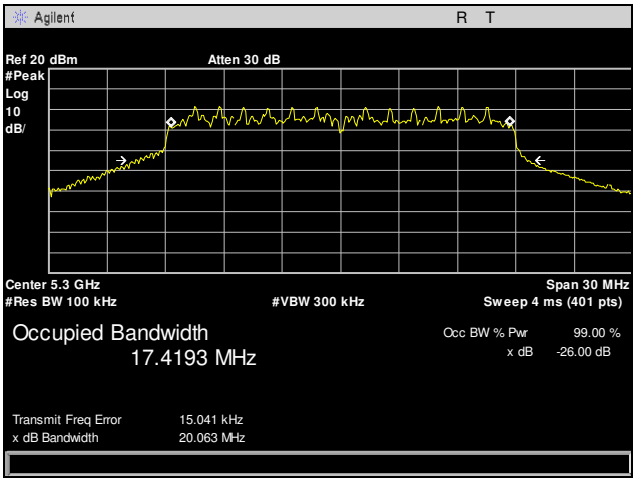


Plot 6. Occupied Bandwidth, 802.11a, 5700 MHz

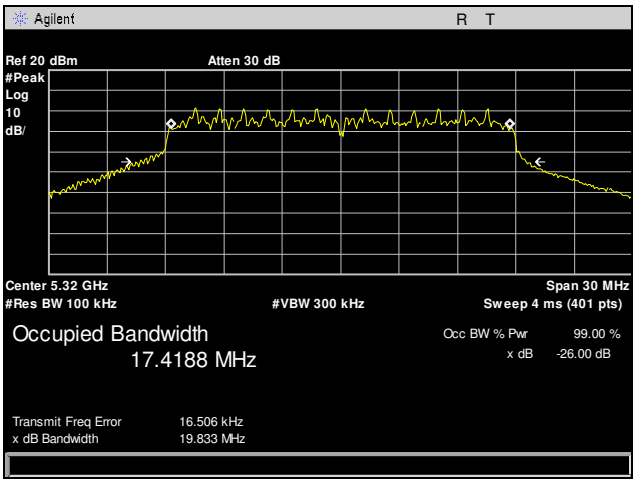
Occupied Bandwidth, 802.11ac 20 MHz



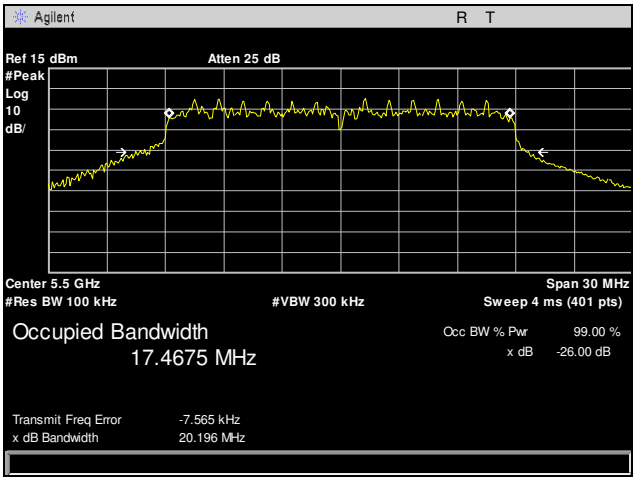
Plot 7. Occupied Bandwidth, 802.11ac 20 MHz, 5260 MHz



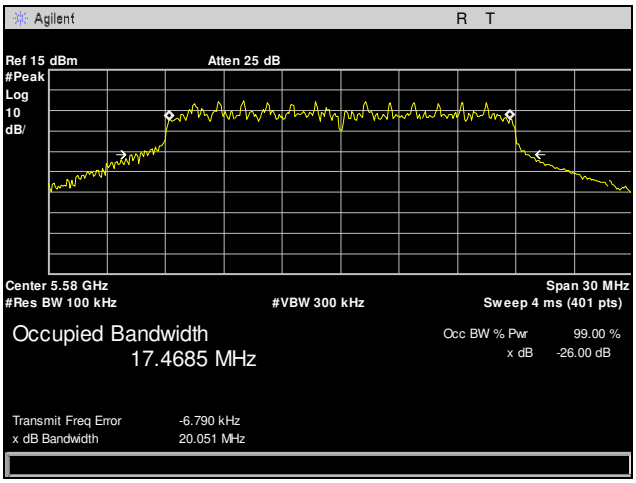
Plot 8. Occupied Bandwidth, 802.11ac 20 MHz, 5300 MHz



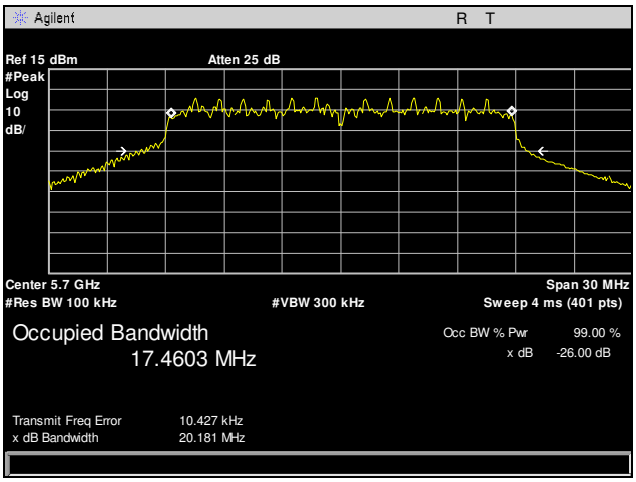
Plot 9. Occupied Bandwidth, 802.11ac 20 MHz, 5320 MHz



Plot 10. Occupied Bandwidth, 802.11ac 20 MHz, 5500 MHz

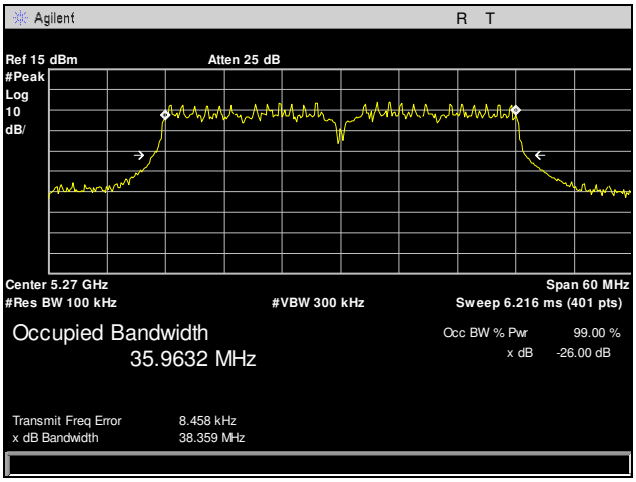


Plot 11. Occupied Bandwidth, 802.11ac 20 MHz, 5580 MHz

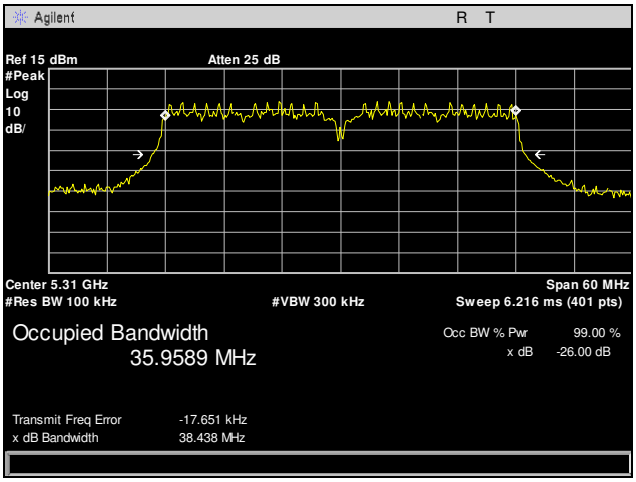


Plot 12. Occupied Bandwidth, 802.11ac 20 MHz, 5700 MHz

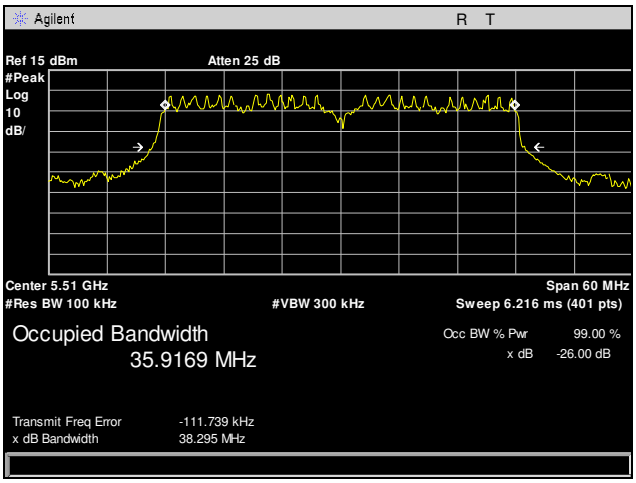
Occupied Bandwidth, 802.11ac 40 MHz



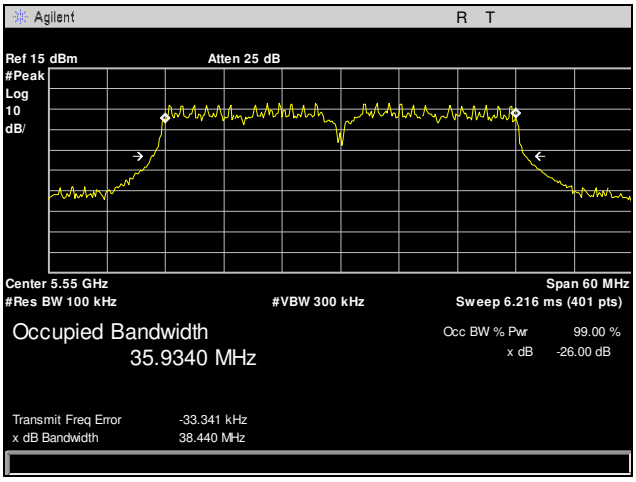
Plot 13. Occupied Bandwidth, 802.11ac 40 MHz, 5270 MHz



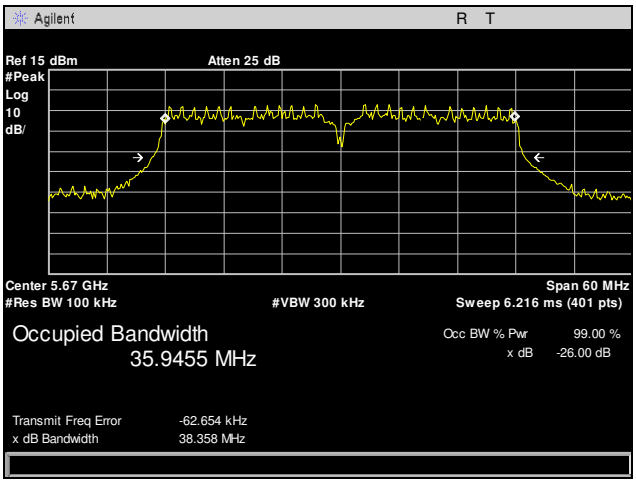
Plot 14. Occupied Bandwidth, 802.11ac 40 MHz, 5310 MHz



Plot 15. Occupied Bandwidth, 802.11ac 40 MHz, 5510 MHz

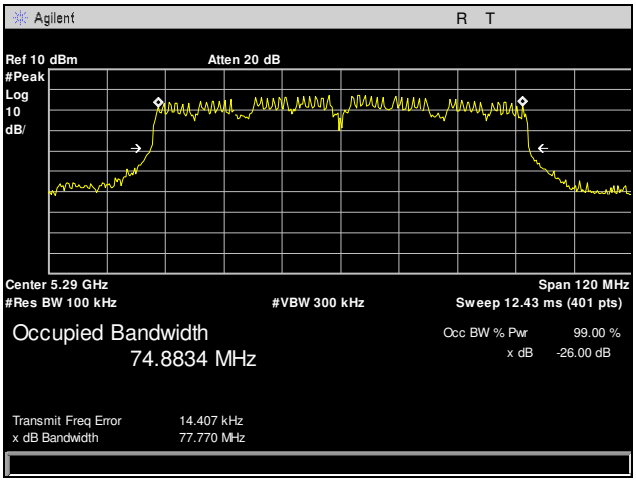


Plot 16. Occupied Bandwidth, 802.11ac 40 MHz, 5550 MHz

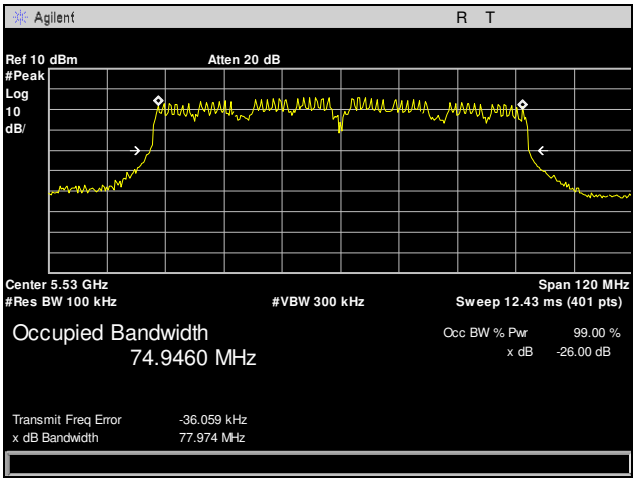


Plot 17. Occupied Bandwidth, 802.11ac 40 MHz, 5670 MHz

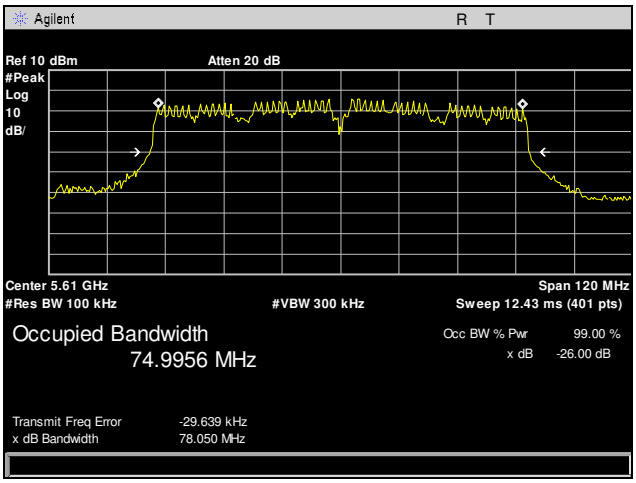
Occupied Bandwidth, 802.11ac 80 MHz



Plot 18. Occupied Bandwidth, 802.11ac 80 MHz, 5290 MHz

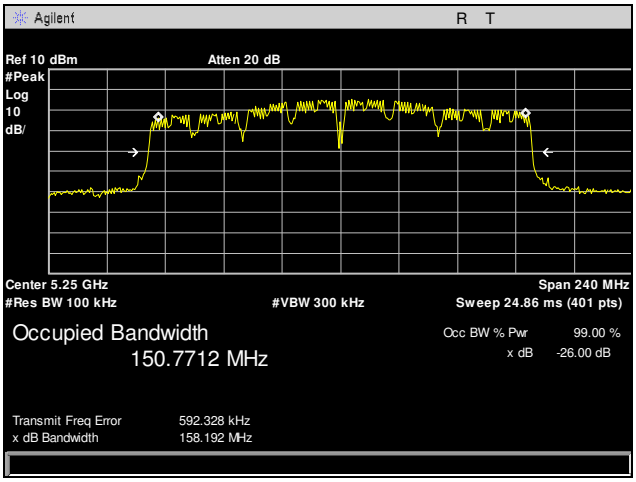


Plot 19. Occupied Bandwidth, 802.11ac 80 MHz, 5530 MHz

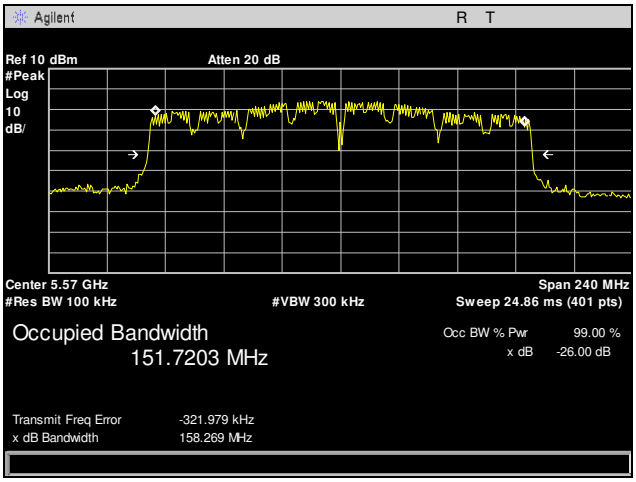


Plot 20. Occupied Bandwidth, 802.11ac 80 MHz, 5610 MHz

Occupied Bandwidth, 802.11ac 160 MHz

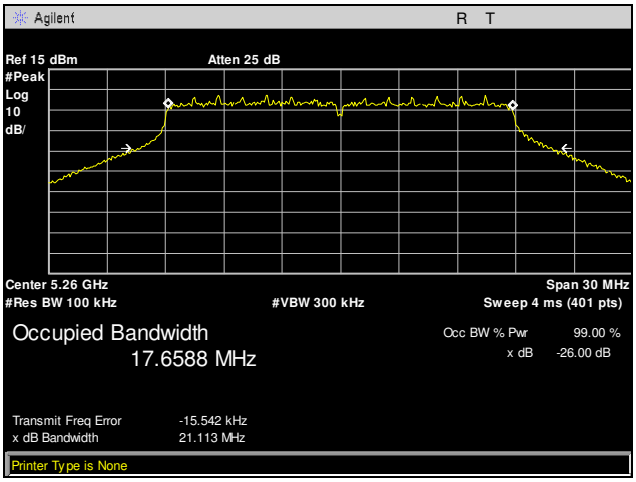


Plot 21. Occupied Bandwidth, 802.11ac 160 MHz, 5250 MHz

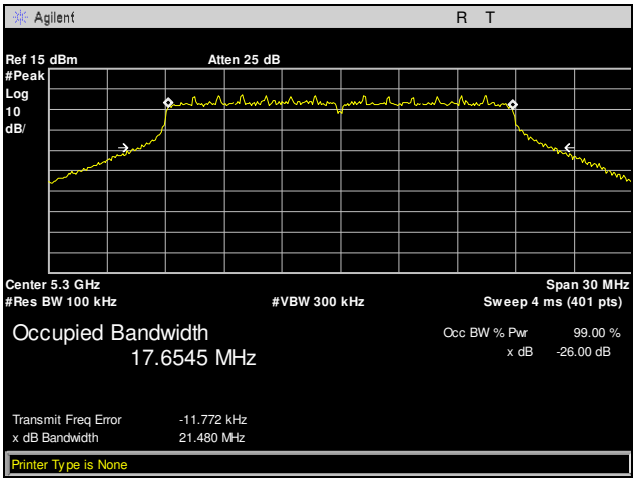


Plot 22. Occupied Bandwidth, 802.11ac 160 MHz, 5570 MHz

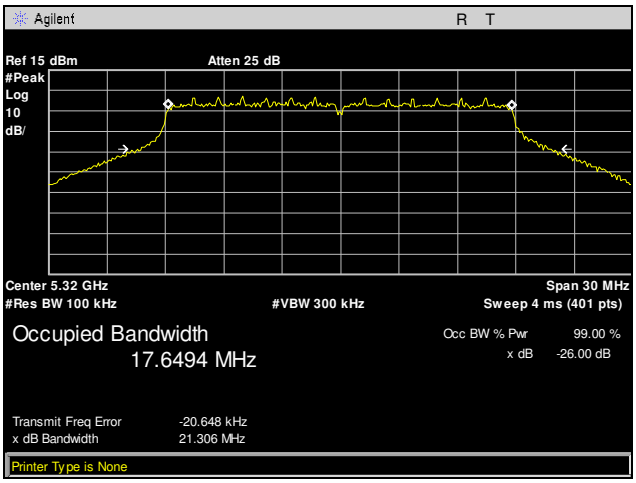
Occupied Bandwidth, 802.11n 20 MHz



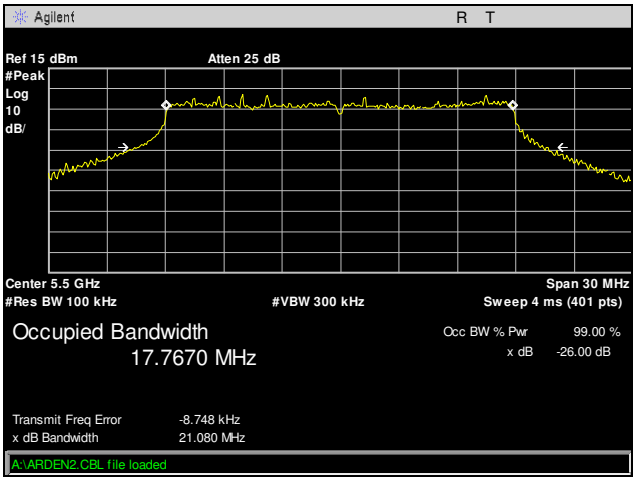
Plot 23. Occupied Bandwidth, 802.11n 20 MHz, 5260 MHz



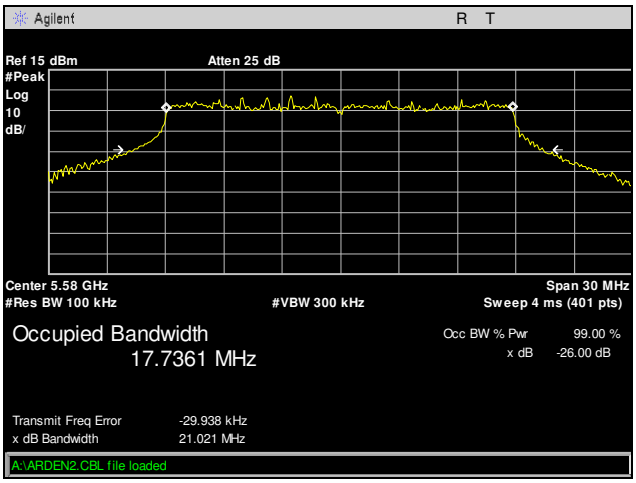
Plot 24. Occupied Bandwidth, 802.11n 20 MHz, 5300 MHz



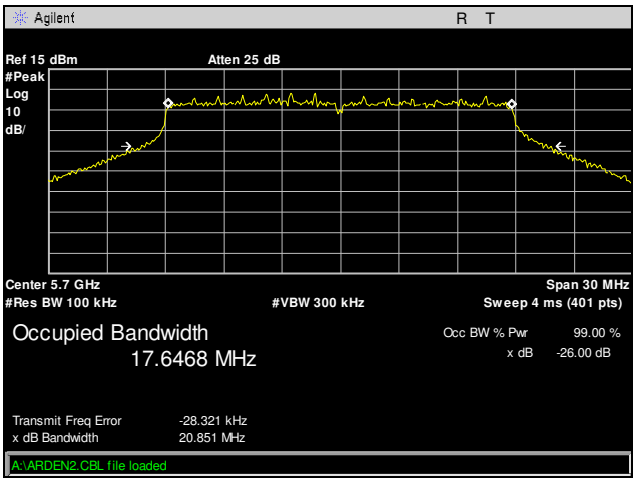
Plot 25. Occupied Bandwidth, 802.11n 20 MHz, 5320 MHz



Plot 26. Occupied Bandwidth, 802.11n 20 MHz, 5500 MHz

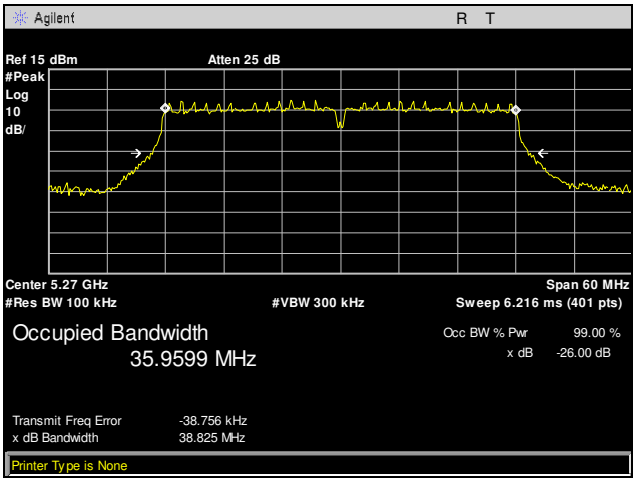


Plot 27. Occupied Bandwidth, 802.11n 20 MHz, 5580 MHz

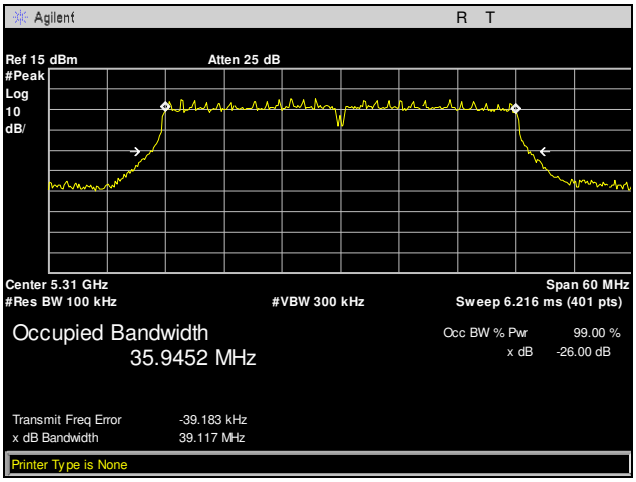


Plot 28. Occupied Bandwidth, 802.11n 20 MHz, 5700 MHz

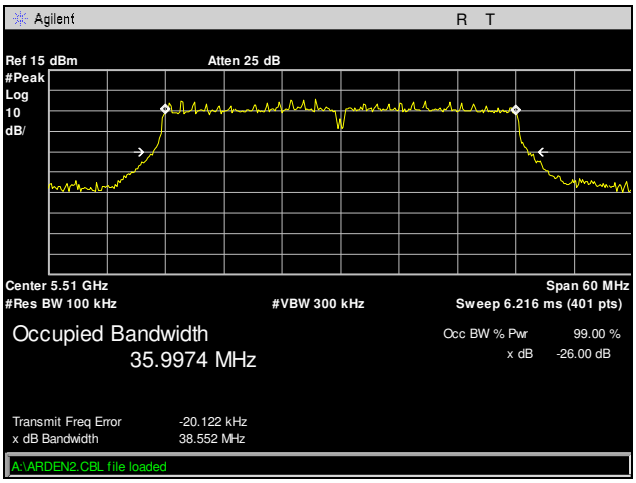
Occupied Bandwidth, 802.11n 40 MHz



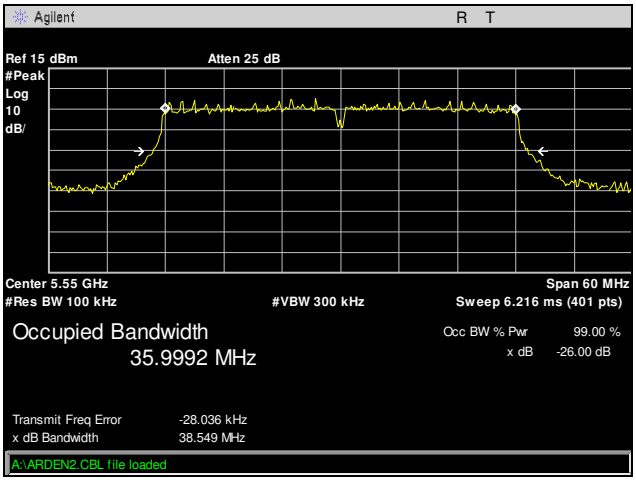
Plot 29. Occupied Bandwidth, 802.11n 40 MHz, 5270 MHz



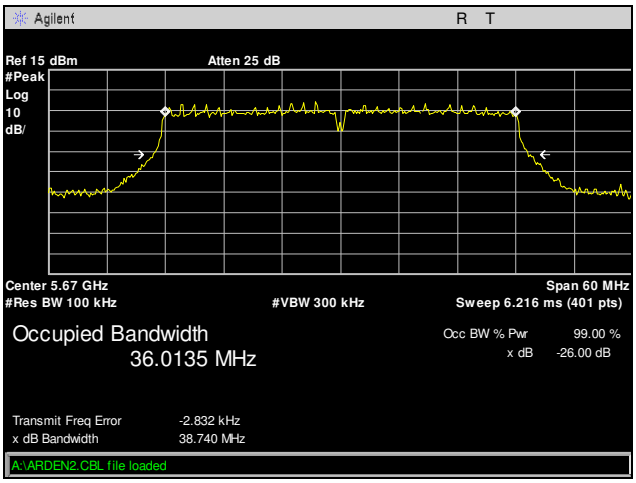
Plot 30. Occupied Bandwidth, 802.11n 40 MHz, 5310 MHz



Plot 31. Occupied Bandwidth, 802.11n 40 MHz, 5510 MHz



Plot 32. Occupied Bandwidth, 802.11n 40 MHz, 5550 MHz



Plot 33. Occupied Bandwidth, 802.11n 40 MHz, 5670 MHz

Electromagnetic Compatibility Criteria for Intentional Radiators

§15.407 Duty Cycle Check

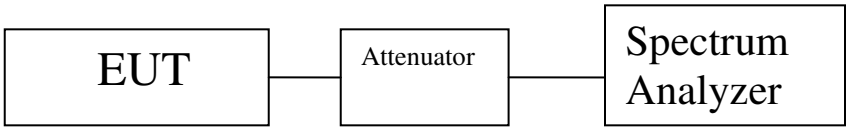
Test Requirements: **789033 D02 General UNII Test Procedures New Rules v01r03:** All measurements are to be performed with the EUT transmitting at 100% duty cycle at its maximum power control level; however, if 100% duty cycle cannot be achieved, measurements of duty cycle, x, and maximum-power transmission duration, T, are required for each tested mode of operation.

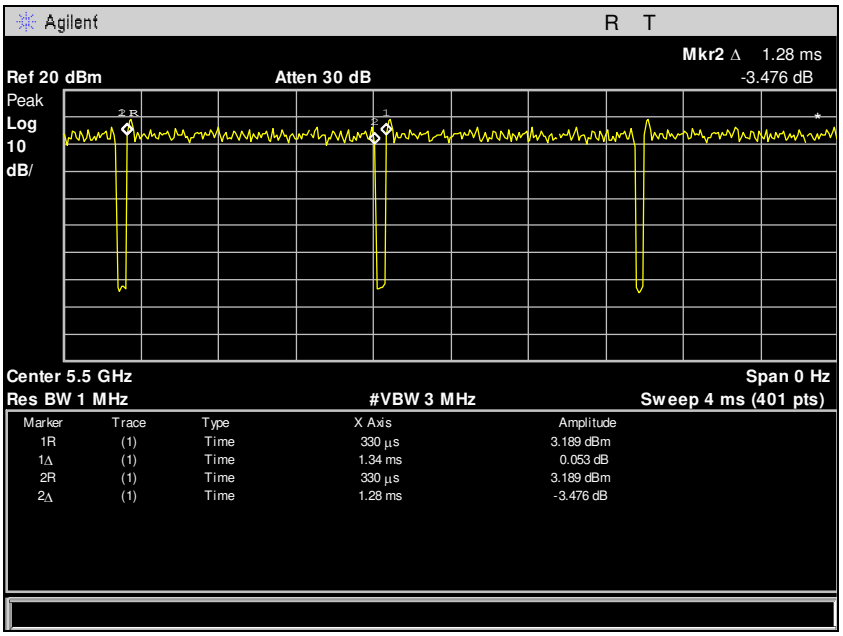
Test Procedure: The zero-span mode on a spectrum analyzer or EMI receiver, if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal. Set the center frequency of the instrument to the center frequency of the transmission. Set RBW ≥ EBW if possible; otherwise, set RBW to the largest available value. Set VBW ≥ RBW. Set detector = peak or average. The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T, where T is defined in section II.B.1.a), and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if T ≤ 16.7 microseconds.)

Test Results: The duty cycle of EUT is 96%

Test Engineer(s): Jun Qi

Test Date(s): 10/25/2016





Plot 34. Duty Cycle Check

Electromagnetic Compatibility Criteria for Intentional Radiators

§15. 407(a)(2) Maximum Conducted Output Power

Test Requirements: **§15.407(a)(2):** For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz.
If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

§15.407(h)(1): Transmit power control (TPC). U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

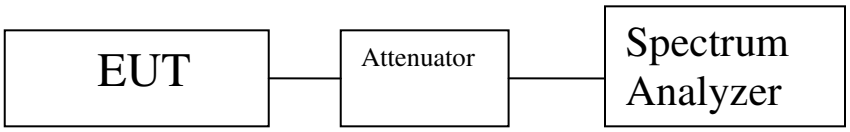
Test Procedure: The EUT was connected to a spectrum analyzer through a cable and attenuator. Measurements were taken with the EUT set to transmit continuously on its low, mid, and high channels. Its power was measured according to measurement method SA-1, as described in 789033 D02 General UNII Test Procedures v01.

To verify the TPC requirement of the rule part, observations using the same measurement method were made with the EUT set to a lower power setting.

Test Results: The EUT as tested is compliant with the requirements of this section.

Test Engineer(s): Jun Qi

Test Date(s): 11/04/16



UNII 2A POWER												
4x8 AC												
Center Frequency	**Bandwidth**	**Mode**	**Port 1 Data**	**Port 2 Data**	**Port 3 Data**	**Port 4 Data**	**Sum of 4 Ports**	**Limit**	**Duty Cycle Factror**	**Antenna Gain**	**Final limit**	**Margin dB**
Ch 5250M	BW 160M(UNII 2A)	ac mode	16.99	16.04	16.45	15.43	22.29	24	0.2	6.1	23.7	-1.41
Ch 5250M	BW 160M(UNII 1)	ac mode	15.61	16.17	15.5	14.83	21.58	30	0.2	6.1	29.7	-8.12
Ch 5290M	BW 80M	ac mode	17.57	17.24	17.46	16.21	23.18	24	0.2	6.1	23.7	-0.52
Ch 5270M	BW 40M	ac mode	17.82	16.76	17.08	15.98	22.99	24	0.2	6.1	23.7	-0.71
Ch 5310M	BW 40M	ac mode	17.88	17.61	17.92	16.53	23.55	24	0.2	6.1	23.7	-0.15
Ch 5260M	BW 20M	ac mode	15.82	14.76	14.84	13.8	20.89	24	0.2	6.1	23.7	-2.81
Ch 5300M	BW 20M	ac mode	15.57	15.34	15.89	14.41	21.36	24	0.2	6.1	23.7	-2.34
Ch 5320M	BW 20M	ac mode	15.95	15.63	15.96	14.14	21.51	24	0.2	6.1	23.7	-2.19
4x8 N												
Center Frequency	**Bandwidth**	**Mode**	**Port 1 Data**	**Port 2 Data**	**Port 3 Data**	**Port 4 Data**	**Sum of 4 Ports**	**Limit**	**Duty Cycle Factror**	**Antenna Gain**	**Final limit**	**Margin dB**
Ch 5270M	BW 40M	n mode	17.7	17.06	17.28	16.19	23.12	24	0.2	6.1	23.7	-0.58
Ch 5310M	BW 40M	n mode	17.98	17.81	18.05	16.54	23.66	24	0.2	6.1	23.7	-0.04
Ch 5260M	BW 20M	n mode	16.6	15.88	15.89	14.08	21.73	24	0.2	6.1	23.7	-1.97
Ch 5300M	BW 20M	n mode	15.77	15.31	15.93	14.12	21.36	24	0.2	6.1	23.7	-2.34
Ch 5320M	BW 20M	n mode	16.08	15.63	15.78	13.81	21.44	24	0.2	6.1	23.7	-2.26
4x8 A												
Center Frequency	**Bandwidth**	**Mode**	**Port 1 Data**	**Port 2 Data**	**Port 3 Data**	**Port 4 Data**	**Sum of 4 Ports**	**Limit**	**Duty Cycle Factror**	**Antenna Gain**	**Final limit**	**Margin dB**
Ch 5260M	BW 20M	a mode	15.2	15	14.5	13.39	20.6	24	0.2	6.1	23.7	-3.1
Ch 5300M	BW 20M	a mode	15.04	14.94	15.31	13.61	20.8	24	0.2	6.1	23.7	-2.9
Ch 5320M	BW 20M	a mode	15.57	15.49	15.34	14.12	21.19	24	0.2	6.1	23.7	-2.51

Table 9. Conducted Output Power, Test Results, Lower Bands, 4x8

UNII 2A POWER																
8x8 AC																
Center Frequency	Bandwidth	Mode	Port 1 Data	Port 2 Data	Port 3 Data	Port 4 Data	Port 5 Data	Port 6 Data	Port 7 Data	Port 8 Data	Sum of 8 Ports	Limit	Duty Cycle Factor	Antenna Gain	Final limit	Margin dB
	BW 160M(UNII 2A)	ac mode	12.69	11.84	11.99	10.78	11.97	10.69	11.14	11.2	20.62	24	0.2	8.5	21.3	-0.68
Ch 5250M	BW 160M(UNII 1)	ac mode	11.89	12.58	11.33	10.84	11.55	11	11.21	10.53	20.45	30	0.2	8.5	27.3	-6.85
Ch 5290M	BW 80M	ac mode	12.4	12.26	12.11	11.36	12.32	11.99	12.52	11.9	21.16	24	0.2	8.5	21.3	-0.14
Ch 5270M	BW 40M	ac mode	12.31	11.67	11.38	10.2	12.35	11.39	12.06	11.17	20.65	24	0.2	8.5	21.3	-0.65
Ch 5310M	BW 40M	ac mode	12.13	11.59	11.47	10.01	12.98	12.31	11.79	11.64	20.85	24	0.2	8.5	21.3	-0.45
Ch 5260M	BW 20M	ac mode	10.54	10.15	9.47	8.59	10.45	9.32	9.62	9.89	18.83	24	0.2	8.5	21.3	-2.47
Ch 5300M	BW 20M	ac mode	10.27	10	9.86	8.57	10.28	9.76	9.63	9.1	18.75	24	0.2	8.5	21.3	-2.55
Ch 5320M	BW 20M	ac mode	10.28	10.12	9.13	8.22	11.14	10.33	10.57	9.97	19.08	24	0.2	8.5	21.3	-2.22
8x8 N																
Center Frequency	Bandwidth	Mode	Port 1 Data	Port 2 Data	Port 3 Data	Port 4 Data	Port 5 Data	Port 6 Data	Port 7 Data	Port 8 Data	Sum of 8 Ports	Limit	Duty Cycle Factor	Antenna Gain	Final limit	Margin dB
Ch 5270M	BW 40M	n mode	12.21	11.7	11.64	10.32	11.96	10.65	11.16	11.62	20.48	24	0.2	8.5	21.3	-0.82
Ch 5310M	BW 40M	n mode	12.27	11.87	11.4	10.16	12.25	11.29	11.1	12.31	20.67	24	0.2	8.5	21.3	-0.63
Ch 5260M	BW 20M	n mode	9.47	9.81	8.68	7.54	10.38	9.98	8.88	10.34	18.51	24	0.2	8.5	21.3	-2.79
Ch 5300M	BW 20M	n mode	10.33	9.73	9.31	7.71	10.31	9.6	9.75	10.87	18.82	24	0.2	8.5	21.3	-2.48
Ch 5320M	BW 20M	n mode	10.02	9.55	8.9	7.66	10.67	10.23	8.73	10.33	18.65	24	0.2	8.5	21.3	-2.65
8x8 A																
Center Frequency	Bandwidth	Mode	Port 1 Data	Port 2 Data	Port 3 Data	Port 4 Data	Port 5 Data	Port 6 Data	Port 7 Data	Port 8 Data	Sum of 8 Ports	Limit	Duty Cycle Factor	Antenna Gain	Final limit	Margin dB
Ch 5260M	BW 20M	a mode	9.86	9.67	9.24	7.44	10.26	9.68	10.1	10.52	18.72	24	0.2	8.5	21.3	-2.58
Ch 5300M	BW 20M	a mode	10.39	10.2	9.23	7.54	11.2	10.5	10.36	10.65	19.16	24	0.2	8.5	21.3	-2.14
Ch 5320M	BW 20M	a mode	10.14	9.71	8.89	7.12	10.5	10.03	8.33	10.59	18.59	24	0.2	8.5	21.3	-2.71

Table 10. Conducted Output Power, Test Results, Lower Bands, 8x8

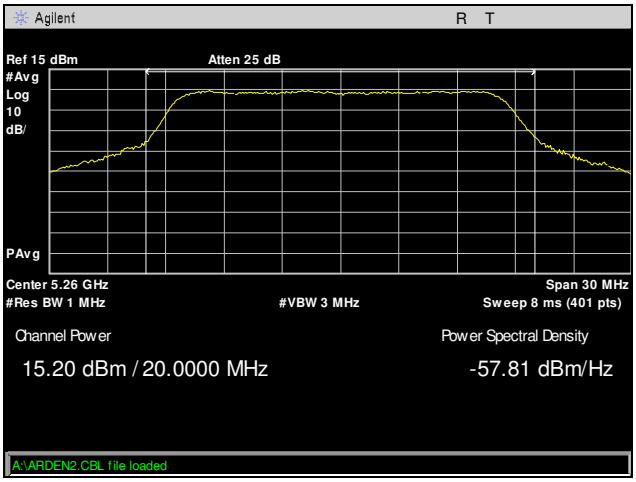
UNII 2C POWER												
4x8 AC												
Center Frequency	**Bandwidth**	**Mode**	**Port 1 Data**	**Port 2 Data**	**Port 3 Data**	**Port 4 Data**	**Sum of 4 Ports**	**Limit**	**Duty Cycle Factror**	**Antenna Gain**	**Final limit**	**Margin dB**
Ch 5570M	BW 160M	ac mode	17.27	16.97	17.57	16.89	23.21	24	0.2	6.1	23.7	-0.49
Ch 5530M	BW 80M	ac mode	17.15	16.78	17.57	16.69	23.09	24	0.2	6.1	23.7	-0.61
Ch 5610M	BW 80M	ac mode	17.37	17.05	17.87	17.14	23.39	24	0.2	6.1	23.7	-0.31
Ch 5690M	BW 80M(UNII 2C)	ac mode	17.38	17	17.61	17.04	23.29	24	0.2	6.1	23.7	-0.41
Ch 5510M	BW 40M	ac mode	17.56	17.39	18.07	17.1	23.57	24	0.2	6.1	23.7	-0.13
Ch 5550M	BW 40M	ac mode	17.41	17.17	17.84	16.82	23.35	24	0.2	6.1	23.7	-0.35
Ch 5670M	BW 40M	ac mode	17.1	16.59	17.59	17.21	23.16	24	0.2	6.1	23.7	-0.54
Ch 5710M	BW 40M(UNII 2C)	ac mode	17.68	17.28	15.99	15.71	22.77	24	0.2	6.1	23.7	-0.93
Ch 5500M	BW 20M	ac mode	15.05	14.36	15.7	14.69	21	24	0.2	6.1	23.7	-2.7
Ch 5580M	BW 20M	ac mode	15.62	15.39	15.93	14.83	21.49	24	0.2	6.1	23.7	-2.21
Ch 5680M	BW 20M	ac mode	15.83	15.16	15.25	15.16	21.38	24	0.2	6.1	23.7	-2.32
Ch 5700M	BW 20M	ac mode	16.01	15.73	14.15	13.14	20.94	24	0.2	6.1	23.7	-2.76
Ch 5720M	BW 20M(UNII 2C)	ac mode	15.05	15.32	13.66	12.59	20.32	24	0.2	6.1	23.7	-3.38
4x8 N												
Center Frequency	**Bandwidth**	**Mode**	**Port 1 Data**	**Port 2 Data**	**Port 3 Data**	**Port 4 Data**	**Sum of 4 Ports**	**Limit**	**Duty Cycle Factror**	**Antenna Gain**	**Final limit**	**Margin dB**
Ch 5510M	BW 40M	n mode	16.9	16.87	17.78	16.81	23.13	24	0.2	6.1	23.7	-0.57
Ch 5550M	BW 40M	n mode	17.13	16.63	18.1	17.17	23.32	24	0.2	6.1	23.7	-0.38
Ch 5670M	BW 40M	n mode	16.7	15.9	17.36	16.96	22.79	24	0.2	6.1	23.7	-0.91
Ch 5710M	BW 40M(UNII 2C)	n mode	16.67	16.31	15.78	15.42	22.1	24	0.2	6.1	23.7	-1.6
Ch 5500M	BW 20M	n mode	15.47	14.98	16.22	14.62	21.39	24	0.2	6.1	23.7	-2.31
Ch 5580M	BW 20M	n mode	15.46	15.29	16.19	14.95	21.52	24	0.2	6.1	23.7	-2.18
Ch 5680M	BW 20M	n mode	14.95	14.6	15.48	13.93	20.8	24	0.2	6.1	23.7	-2.9
4x8 A												
Center Frequency	**Bandwidth**	**Mode**	**Port 1 Data**	**Port 2 Data**	**Port 3 Data**	**Port 4 Data**	**Sum of 4 Ports**	**Limit**	**Duty Cycle Factror**	**Antenna Gain**	**Final limit**	**Margin dB**
Ch 5500M	BW 20M	a mode	14.68	14.66	15.58	14.33	20.86	24	0.2	6.1	23.7	-2.84
Ch 5580M	BW 20M	a mode	14.89	14.34	15.66	14.83	20.98	24	0.2	6.1	23.7	-2.72
Ch 5680M	BW 20M	a mode	15	14.25	15.48	14.41	20.84	24	0.2	6.1	23.7	-2.86
Ch 5700M	BW 20M	a mode	15.82	15.45	14.36	13.79	20.96	24	0.2	6.1	23.7	-2.74
Ch 5720M	BW 20M(UNII 2C)	a mode	14.1	13.79	13.15	12.73	19.5	24	0.2	6.1	23.7	-4.2

Table 11. Conducted Output Power, Test Results, Upper Bands, 4x8

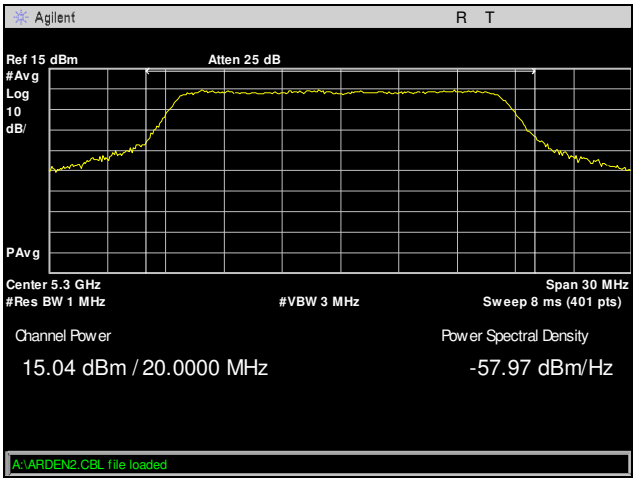
UNII 2C POWER																
8x8 AC																
Center Frequency	Bandwidth	Mode	Port 1 Data	Port 2 Data	Port 3 Data	Port 4 Data	Port 5 Data	Port 6 Data	Port 7 Data	Port 8 Data	Sum of 8 Ports	Limit	Duty Cycle Factor	Antenna Gain	Final limit	Margin dB
Ch 5570M	BW 160M	ac mode	12.27	11.86	11.82	12.22	12.3	10.96	12.91	11.15	21.01	24	0.2	8.5	21.3	-0.29
Ch 5530M	BW 80M	ac mode	12.11	12.14	11.85	11.41	12.24	11.12	12.84	11.05	20.92	24	0.2	8.5	21.3	-0.38
Ch 5610M	BW 80M	ac mode	11.69	11.27	11.21	10.86	12.55	11.69	12.64	11.73	20.78	24	0.2	8.5	21.3	-0.52
Ch 5690M	BW 80M(UNII 2C)	ac mode	11.49	11.14	11.47	10.54	13.25	11.65	12.75	10.98	20.78	24	0.2	8.5	21.3	-0.52
Ch 5510M	BW 40M	ac mode	12.34	11.58	12.3	10.42	13.71	11.65	12.15	11.48	21.08	24	0.2	8.5	21.3	-0.22
Ch 5550M	BW 40M	ac mode	12.05	11.64	11.55	11.45	12.61	11.36	11.86	9.92	20.65	24	0.2	8.5	21.3	-0.65
Ch 5670M	BW 40M	ac mode	11.39	11.11	11.41	11	13.39	11.73	12.81	10.95	20.85	24	0.2	8.5	21.3	-0.45
Ch 5710M	BW 40M(UNII 2C)	ac mode	12.17	12.3	10.35	10.14	11.94	12.97	12.72	12.48	21.03	24	0.2	8.5	21.3	-0.27
Ch 5500M	BW 20M	ac mode	10.15	9.76	8.99	8.52	11.57	10	8.77	10.26	18.89	24	0.2	8.5	21.3	-2.41
Ch 5580M	BW 20M	ac mode	10.78	10.22	9.57	9.1	10.94	9.11	10.11	10	19.06	24	0.2	8.5	21.3	-2.24
Ch 5680M	BW 20M	ac mode	10.42	10.07	9.66	8.89	11.51	9.81	11.04	10.03	19.28	24	0.2	8.5	21.3	-2.02
Ch 5700M	BW 20M	ac mode	10.43	10.39	8.49	7.04	9.34	10.77	10.55	10.02	18.81	24	0.2	8.5	21.3	-2.49
Ch 5720M	BW 20M(UNII 2C)	ac mode	9	10.12	7.48	6.16	8.73	9.96	9.81	8.75	17.96	24	0.2	8.5	21.3	-3.34
8x8 N																
Center Frequency	Bandwidth	Mode	Port 1 Data	Port 2 Data	Port 3 Data	Port 4 Data	Port 5 Data	Port 6 Data	Port 7 Data	Port 8 Data	Sum of 8 Ports	Limit	Duty Cycle Factor	Antenna Gain	Final limit	Margin dB
Ch 5510M	BW 40M	n mode	12.24	12.13	12.39	11.89	12.48	11.39	13.34	11.17	21.21	24	0.2	8.5	21.3	-0.09
Ch 5550M	BW 40M	n mode	11.91	11.81	12.14	11.79	12.71	11.44	12.8	11.6	21.09	24	0.2	8.5	21.3	-0.21
Ch 5670M	BW 40M	n mode	12.57	12.72	12.93	12.58	12.5	10.54	12.46	11.2	21.29	24	0.2	8.5	21.3	-0.01
Ch 5710M	BW 40M(UNII 2C)	n mode	12.25	12.64	11.03	10.35	11.55	13.05	12.87	12.23	21.12	24	0.2	8.5	21.3	-0.18
Ch 5500M	BW 20M	n mode	9.82	9.29	10.24	9.18	10.49	9.02	11.26	9.66	18.97	24	0.2	8.5	21.3	-2.33
Ch 5580M	BW 20M	n mode	10.22	10.28	10.42	9.6	9.97	8.15	10.58	8.56	18.84	24	0.2	8.5	21.3	-2.46
Ch 5680M	BW 20M	n mode	9.26	9.26	8.49	7.73	11.61	9.73	10.84	9.89	18.79	24	0.2	8.5	21.3	-2.51
8x8 A																
Center Frequency	Bandwidth	Mode	Port 1 Data	Port 2 Data	Port 3 Data	Port 4 Data	Port 5 Data	Port 6 Data	Port 7 Data	Port 8 Data	Sum of 8 Ports	Limit	Duty Cycle Factor	Antenna Gain	Final limit	Margin dB
Ch 5500M	BW 20M	a mode	9.91	9.6	10.02	9.34	9.1	7.99	10.4	8.85	18.49	24	0.2	8.5	21.3	-2.81
Ch 5580M	BW 20M	a mode	9.83	9.77	9.4	9.04	9.35	8.28	9.89	9	18.38	24	0.2	8.5	21.3	-2.92
Ch 5680M	BW 20M	a mode	9.1	8.93	8.82	8.17	9.75	7.94	9.71	8.56	17.95	24	0.2	8.5	21.3	-3.35
Ch 5700M	BW 20M	a mode	9.9	10.22	8.57	8.03	7.14	8.29	9.09	8.17	17.82	24	0.2	8.5	21.3	-3.48
Ch 5720M	BW 20M(UNII 2C)	a mode	9.3	9.32	7.96	7.47	7.38	8.77	8.63	8.49	17.51	24	0.2	8.5	21.3	-3.79

Table 12. Conducted Output Power, Test Results, Upper Bands, 8x8

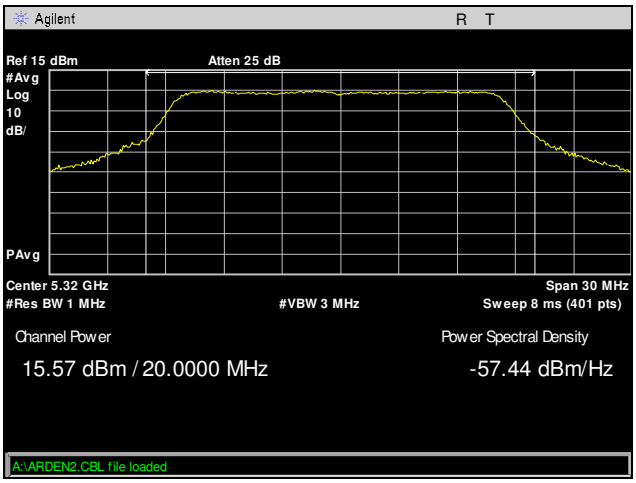
Conducted Output Power, 802.11a, Port 1, Radio 0, 4x8



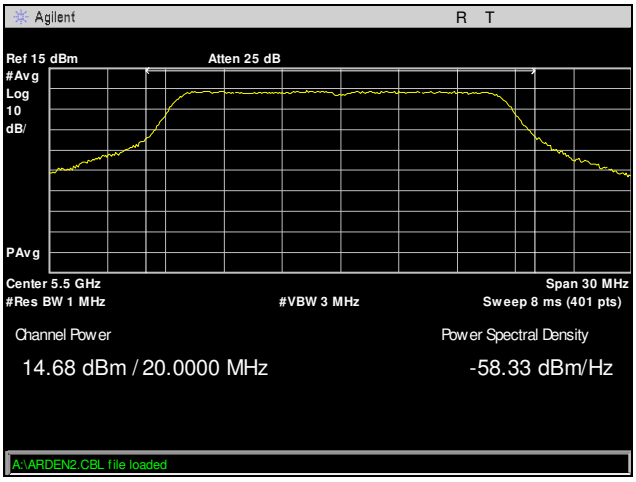
Plot 35. Conducted Output Power, 802.11a, 5260 MHz, Port 1, Radio 0, 4x8



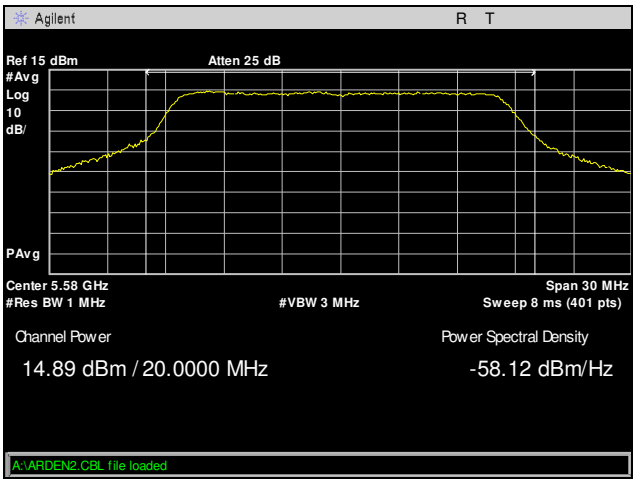
Plot 36. Conducted Output Power, 802.11a, 5300 MHz, Port 1, Radio 0, 4x8



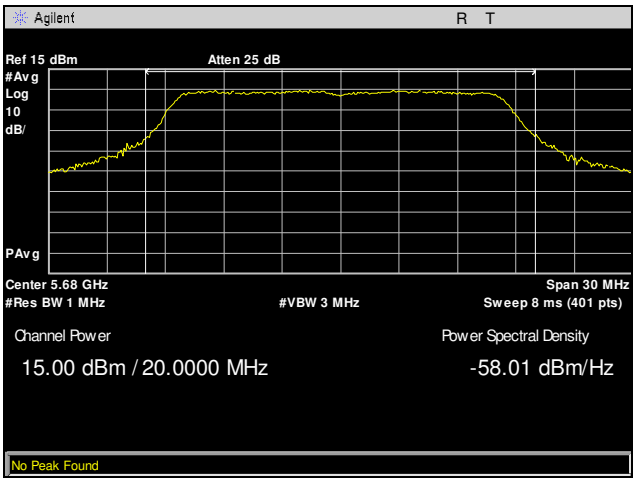
Plot 37. Conducted Output Power, 802.11a, 5320 MHz, Port 1, Radio 0, 4x8



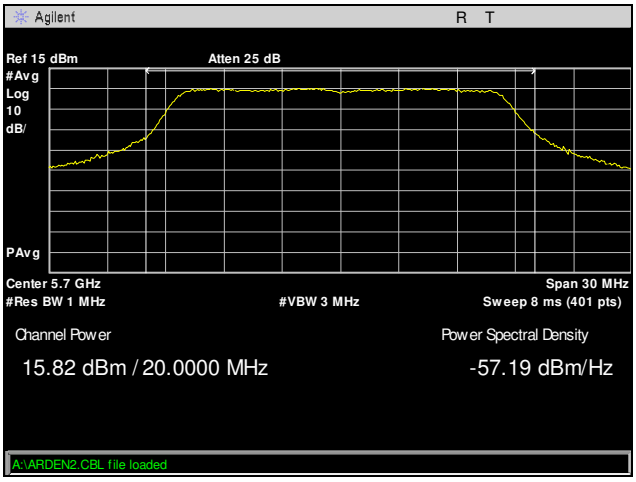
Plot 38. Conducted Output Power, 802.11a, 5500 MHz, Port 1, Radio 0, 4x8



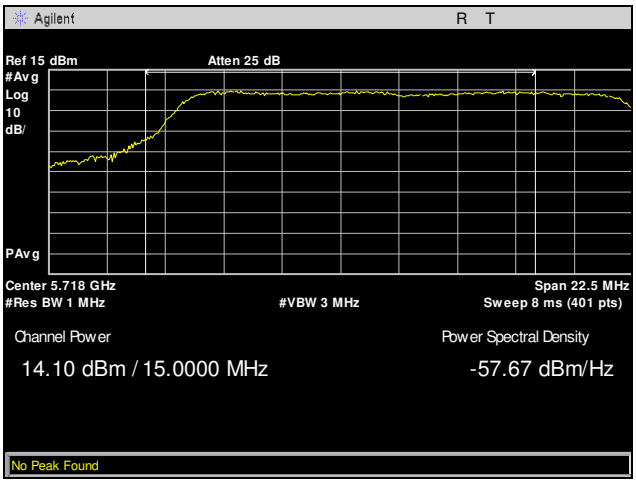
Plot 39. Conducted Output Power, 802.11a, 5580 MHz, Port 1, Radio 0, 4x8



Plot 40. Conducted Output Power, 802.11a, 5680 MHz, Port 1, Radio 0, 4x8

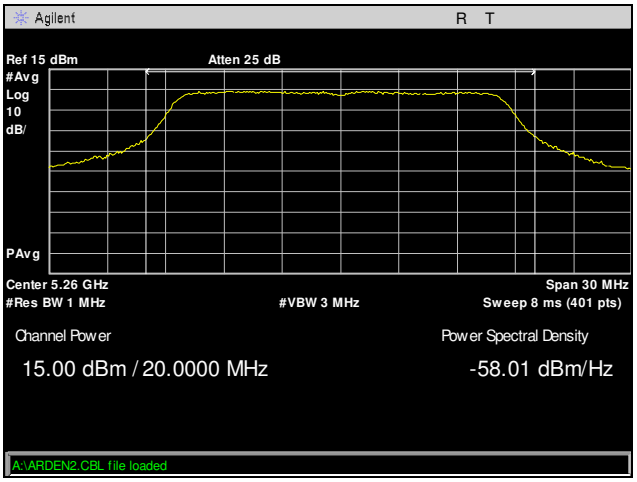


Plot 41. Conducted Output Power, 802.11a, 5700 MHz, Port 1, Radio 0, 4x8

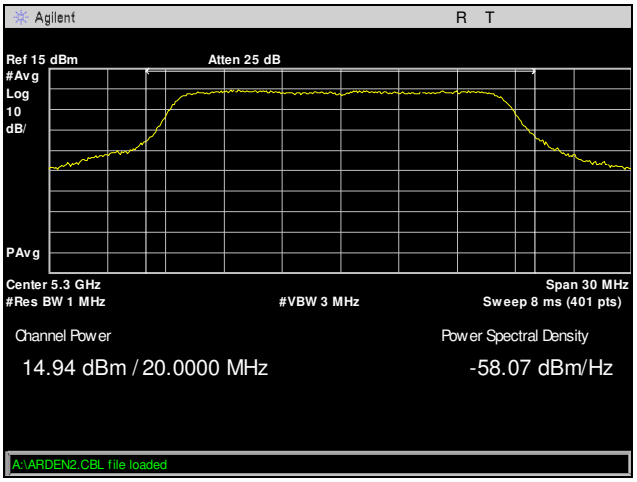


Plot 42. Conducted Output Power, 802.11a, 5720 MHz, Port 1, Radio 0, 4x8

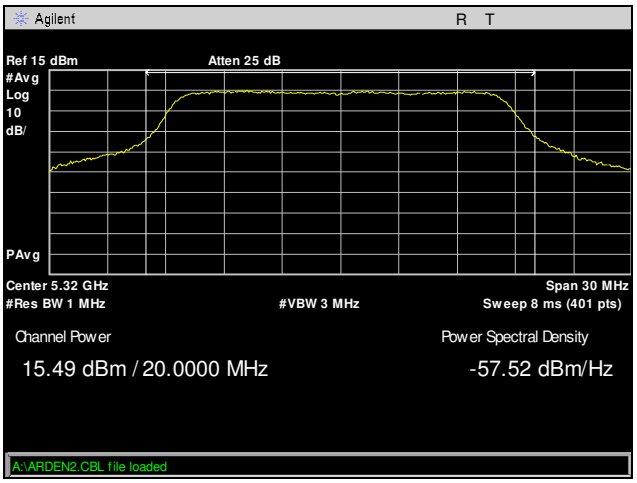
Conducted Output Power, 802.11a, Port 2, Radio 0, 4x8



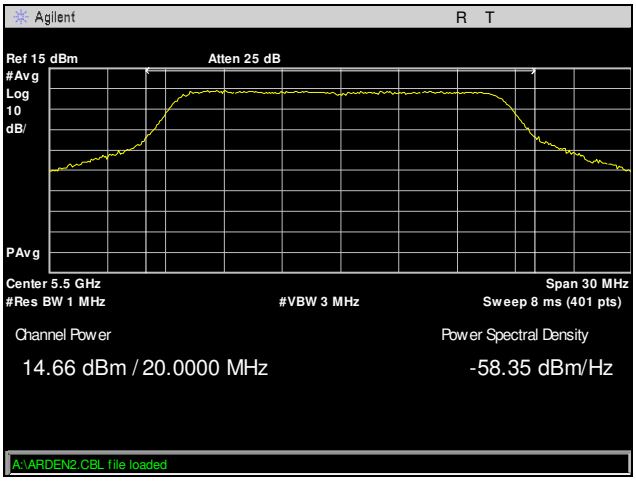
Plot 43. Conducted Output Power, 802.11a, 5260 MHz, Port 2, Radio 0, 4x8



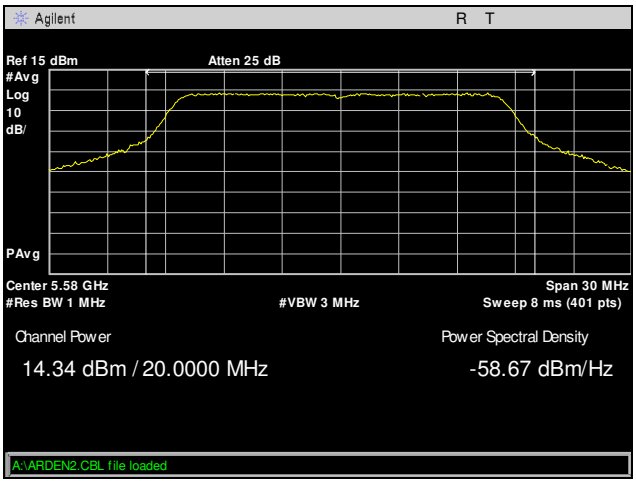
Plot 44. Conducted Output Power, 802.11a, 5300 MHz, Port 2, Radio 0, 4x8



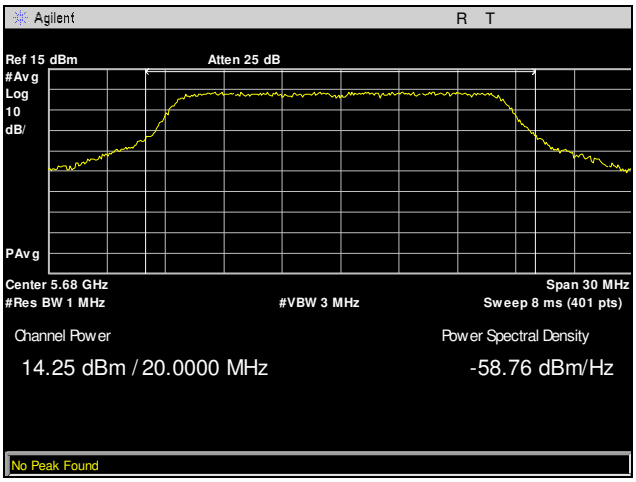
Plot 45. Conducted Output Power, 802.11a, 5320 MHz, Port 2, Radio 0, 4x8



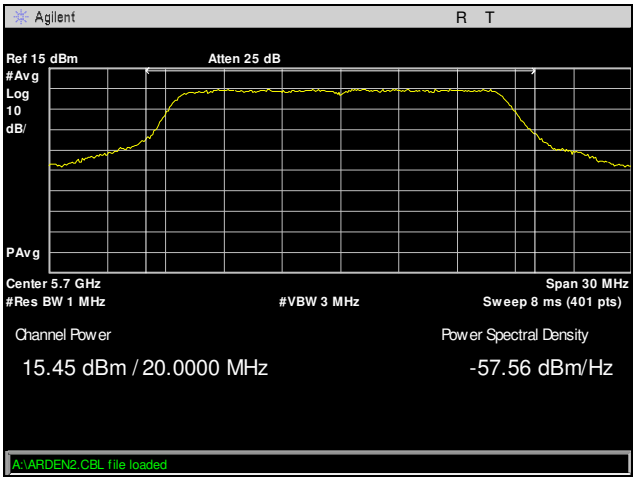
Plot 46. Conducted Output Power, 802.11a, 5500 MHz, Port 2, Radio 0, 4x8



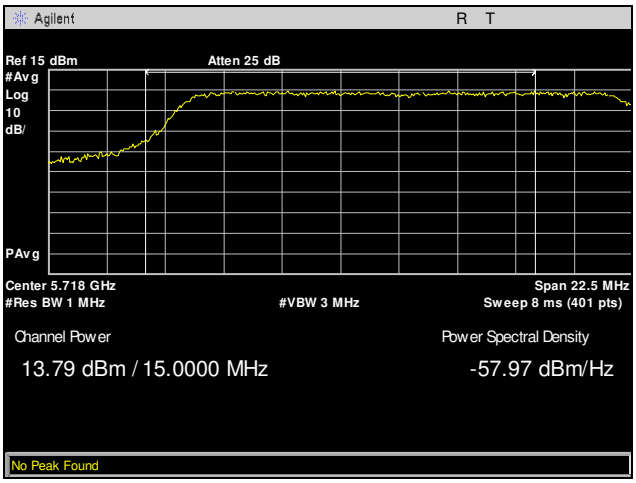
Plot 47. Conducted Output Power, 802.11a, 5580 MHz, Port 2, Radio 0, 4x8



Plot 48. Conducted Output Power, 802.11a, 5680 MHz, Port 2, Radio 0, 4x8

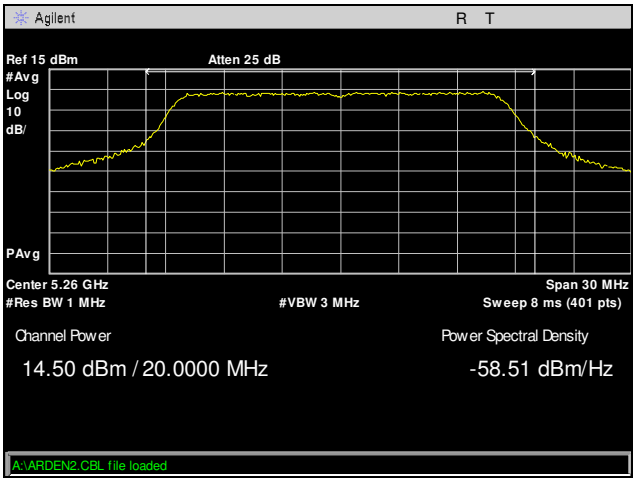


Plot 49. Conducted Output Power, 802.11a, 5700 MHz, Port 2, Radio 0, 4x8

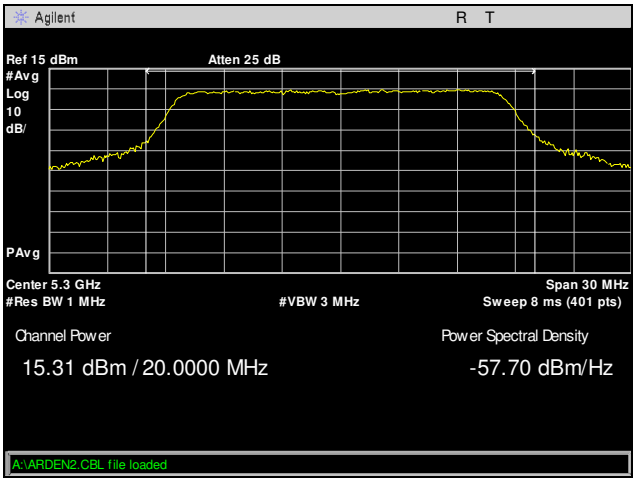


Plot 50. Conducted Output Power, 802.11a, 5720 MHz, Port 2, Radio 0, 4x8

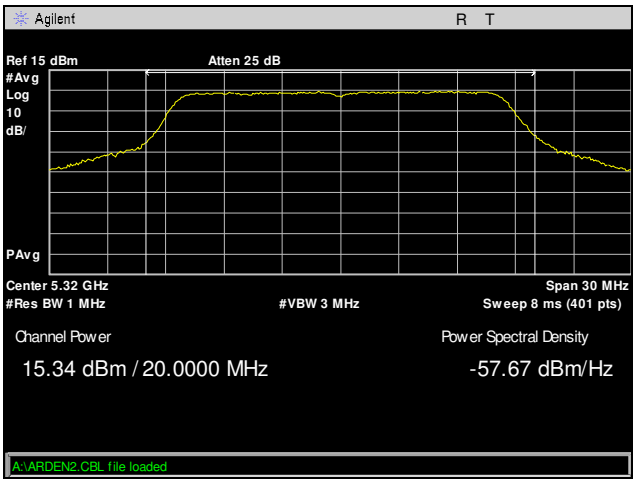
Conducted Output Power, 802.11a, Port 3, Radio 0, 4x8



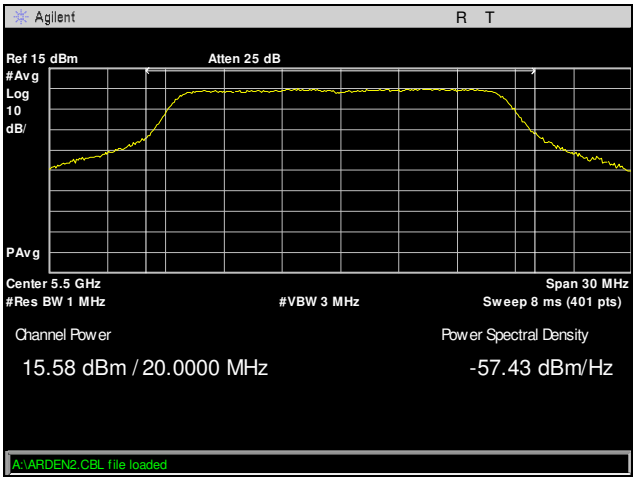
Plot 51. Conducted Output Power, 802.11a, 5260 MHz, Port 3, Radio 0, 4x8



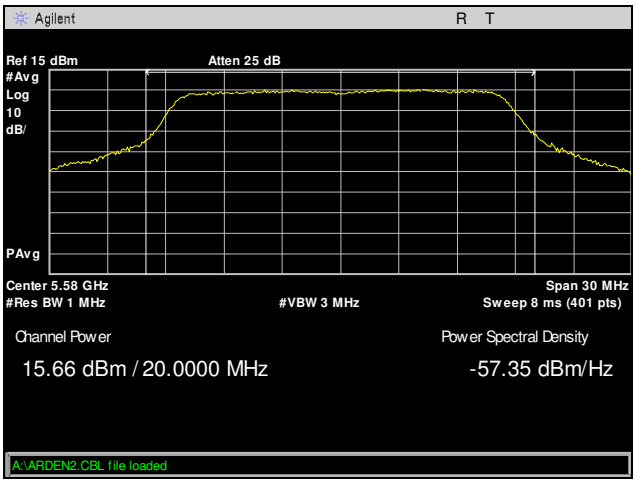
Plot 52. Conducted Output Power, 802.11a, 5300 MHz, Port 3, Radio 0, 4x8



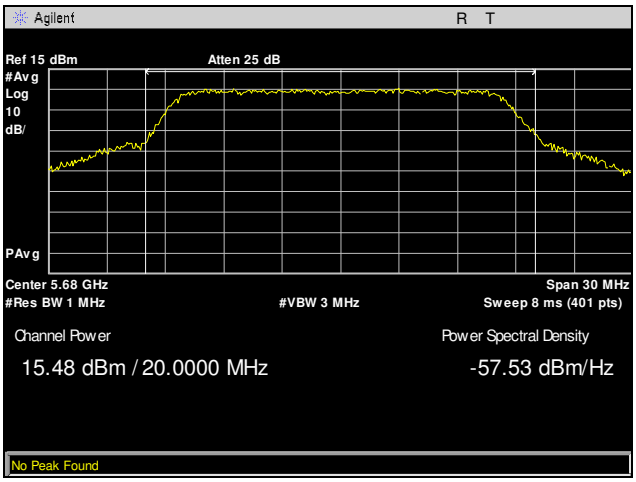
Plot 53. Conducted Output Power, 802.11a, 5320 MHz, Port 3, Radio 0, 4x8



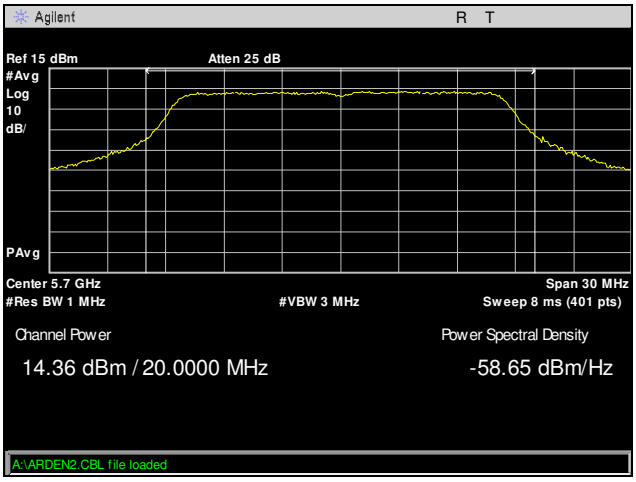
Plot 54. Conducted Output Power, 802.11a, 5500 MHz, Port 3, Radio 0, 4x8



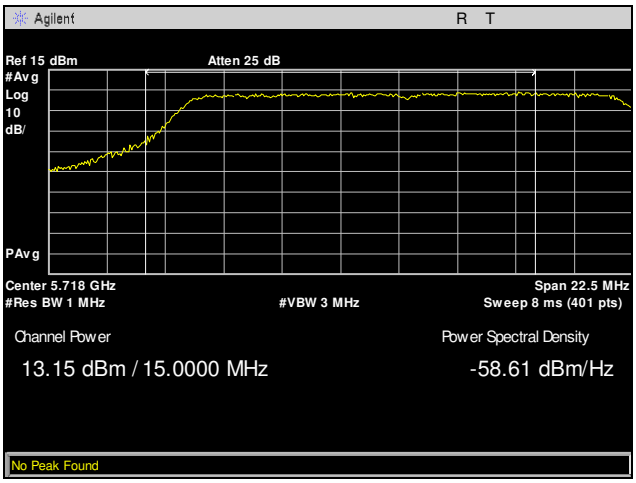
Plot 55. Conducted Output Power, 802.11a, 5580 MHz, Port 3, Radio 0, 4x8



Plot 56. Conducted Output Power, 802.11a, 5680 MHz, Port 3, Radio 0, 4x8

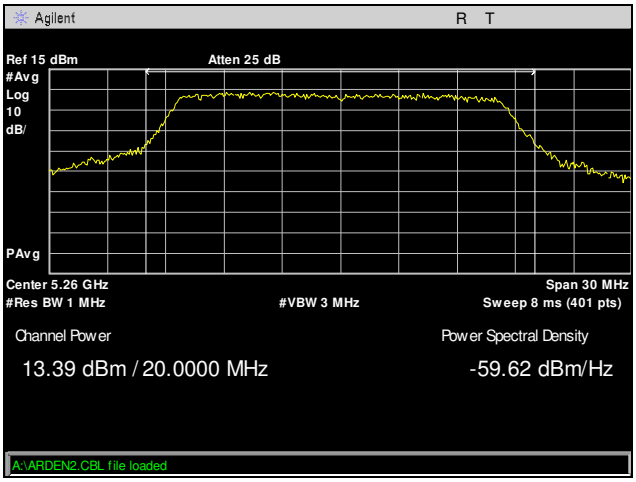


Plot 57. Conducted Output Power, 802.11a, 5700 MHz, Port 3, Radio 0, 4x8

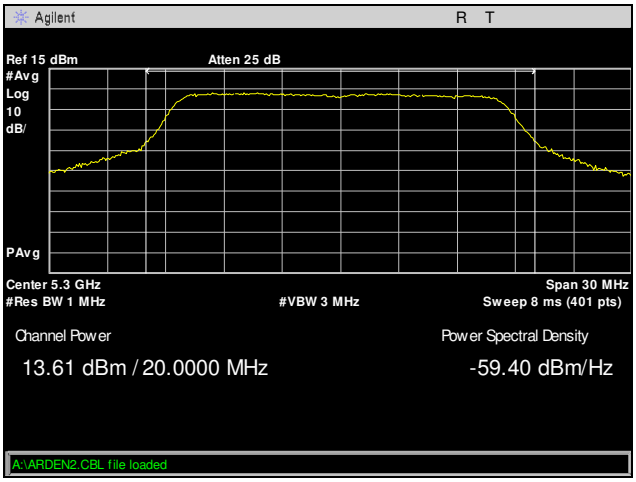


Plot 58. Conducted Output Power, 802.11a, 5720 MHz, Port 3, Radio 0, 4x8

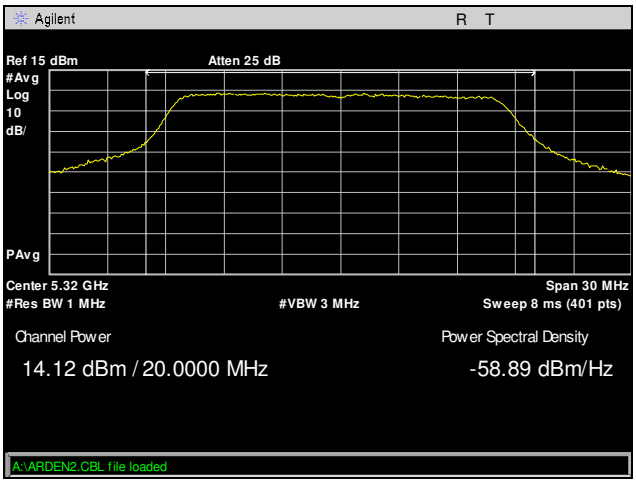
Conducted Output Power, 802.11a, Port 4, Radio 0, 4x8



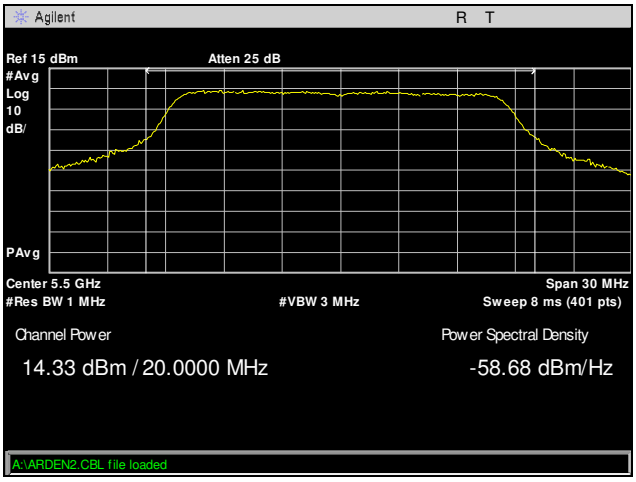
Plot 59. Conducted Output Power, 802.11a, 5260 MHz, Port 4, Radio 0, 4x8



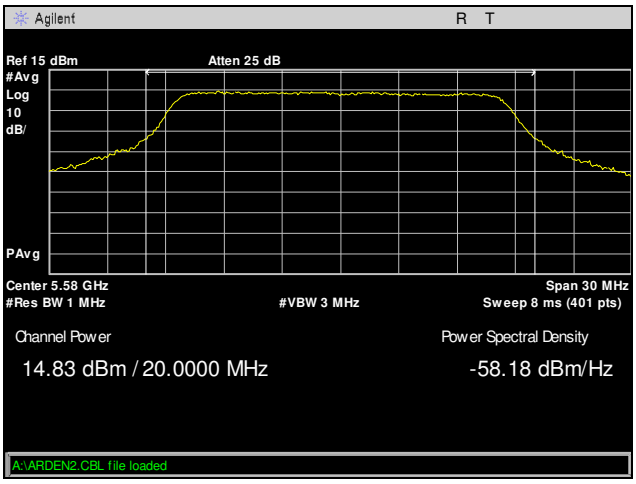
Plot 60. Conducted Output Power, 802.11a, 5300 MHz, Port 4, Radio 0, 4x8



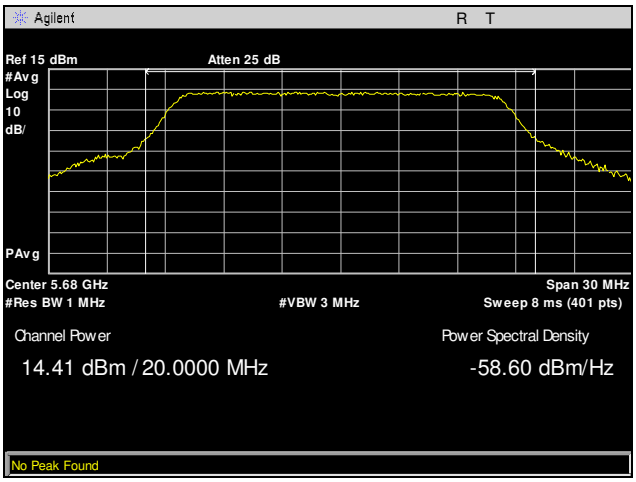
Plot 61. Conducted Output Power, 802.11a, 5320 MHz, Port 4, Radio 0, 4x8



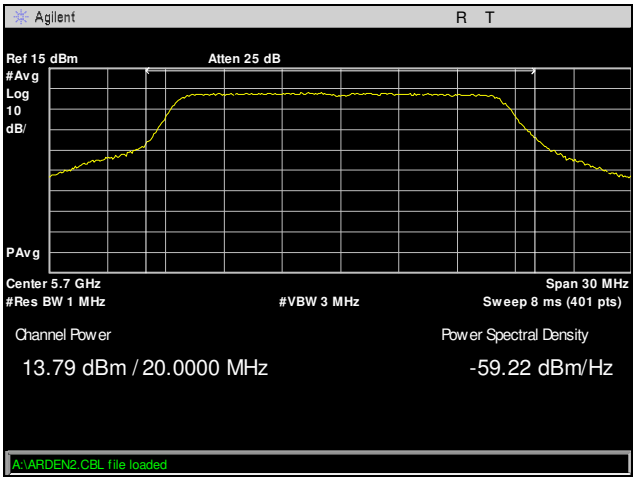
Plot 62. Conducted Output Power, 802.11a, 5500 MHz, Port 4, Radio 0, 4x8



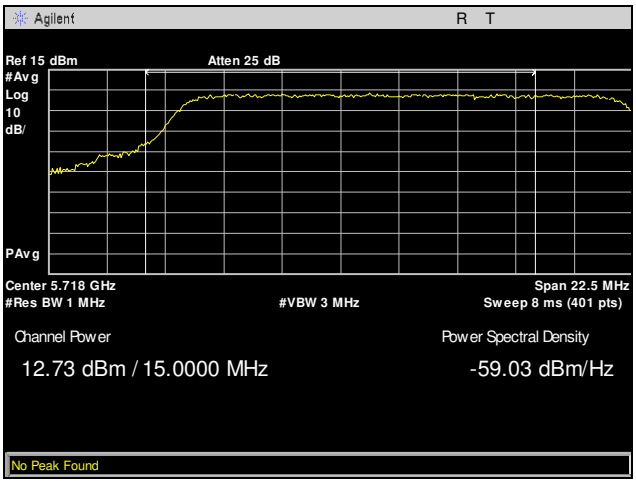
Plot 63. Conducted Output Power, 802.11a, 5580 MHz, Port 4, Radio 0, 4x8



Plot 64. Conducted Output Power, 802.11a, 5680 MHz, Port 4, Radio 0, 4x8

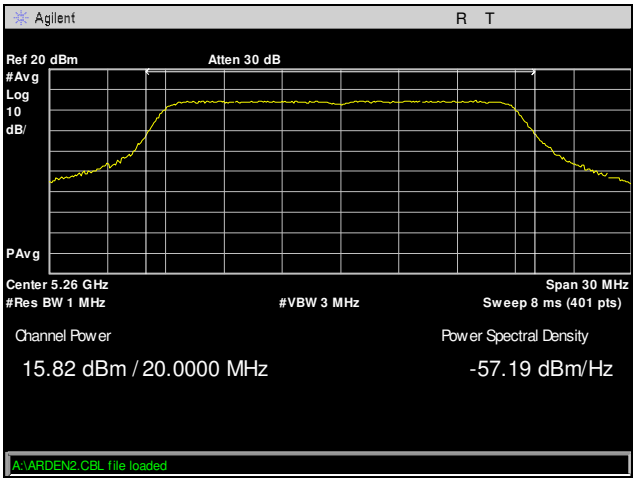


Plot 65. Conducted Output Power, 802.11a, 5700 MHz, Port 4, Radio 0, 4x8

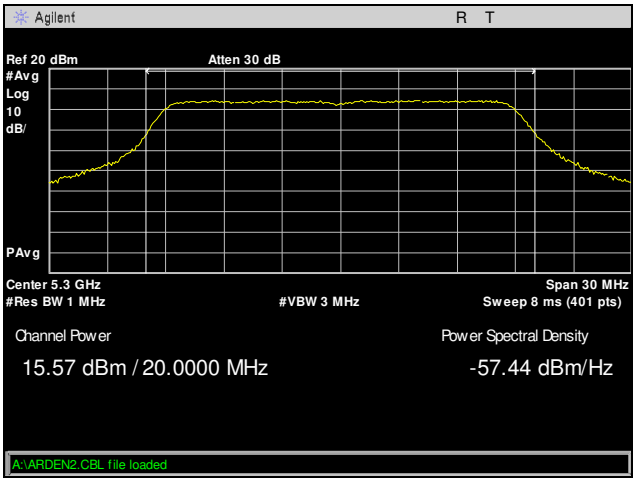


Plot 66. Conducted Output Power, 802.11a, 5720 MHz, Port 4, Radio 0, 4x8

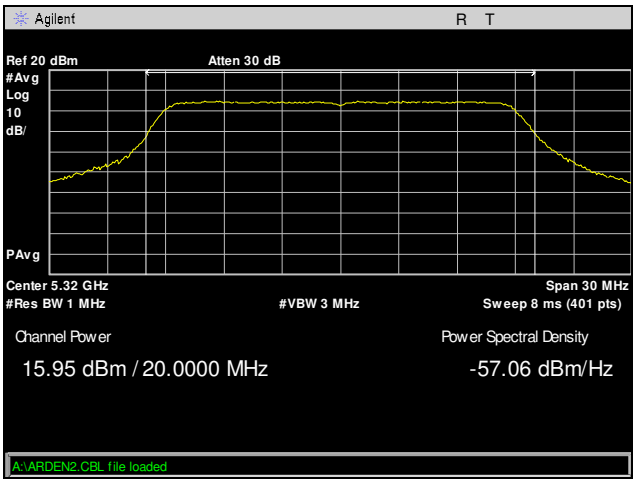
Conducted Output Power, 802.11ac 20 MHz, Port 1, Radio 0, 4x8



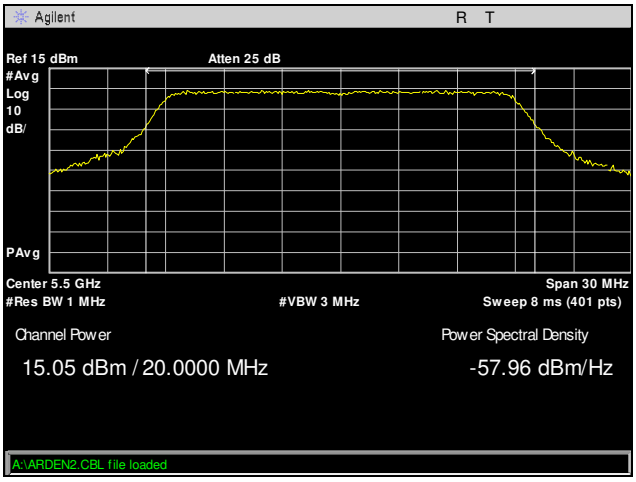
Plot 67. Conducted Output Power, 802.11ac 20 MHz, 5260 MHz, Port 1, Radio 0, 4x8



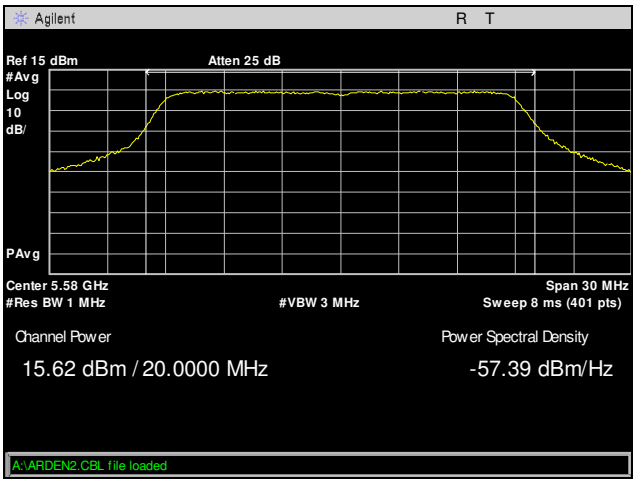
Plot 68. Conducted Output Power, 802.11ac 20 MHz, 5300 MHz, Port 1, Radio 0, 4x8



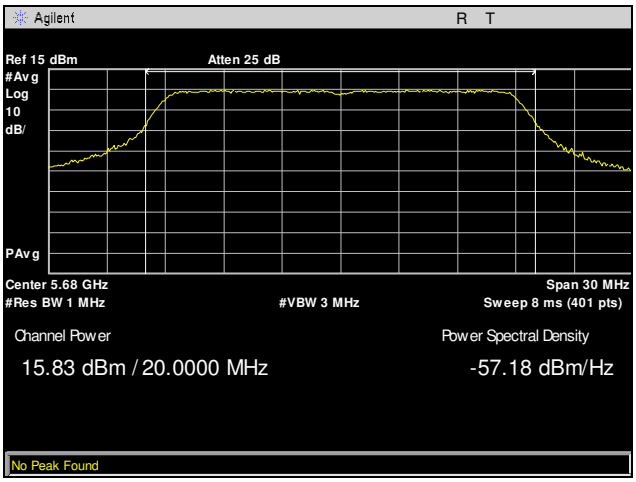
Plot 69. Conducted Output Power, 802.11ac 20 MHz, 5320 MHz, Port 1, Radio 0, 4x8



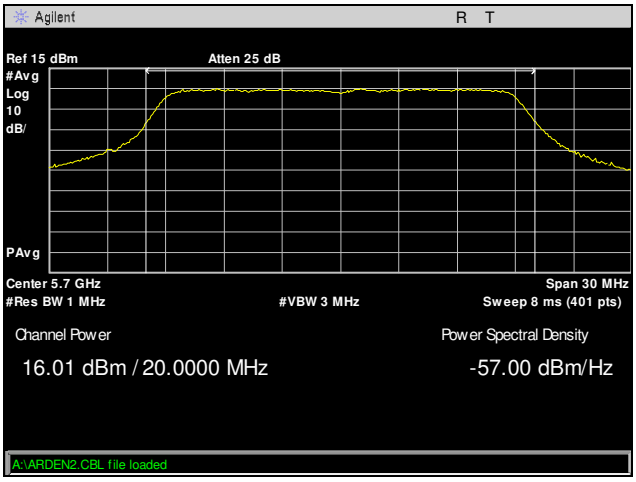
Plot 70. Conducted Output Power, 802.11ac 20 MHz, 5500 MHz, Port 1, Radio 0, 4x8



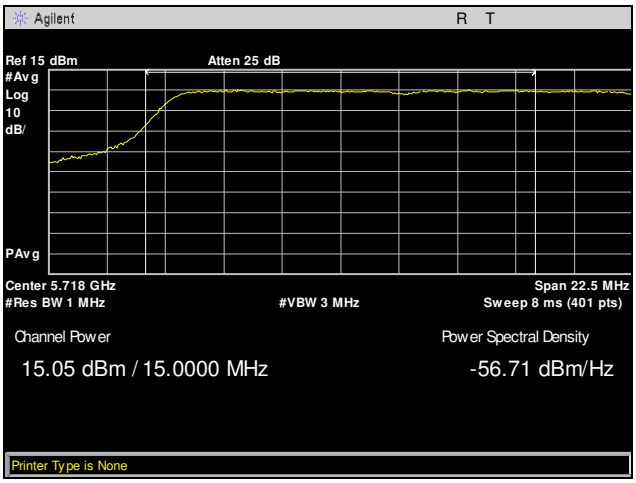
Plot 71. Conducted Output Power, 802.11ac 20 MHz, 5580 MHz, Port 1, Radio 0, 4x8



Plot 72. Conducted Output Power, 802.11ac 20 MHz, 5680 MHz, Port 1, Radio 0, 4x8

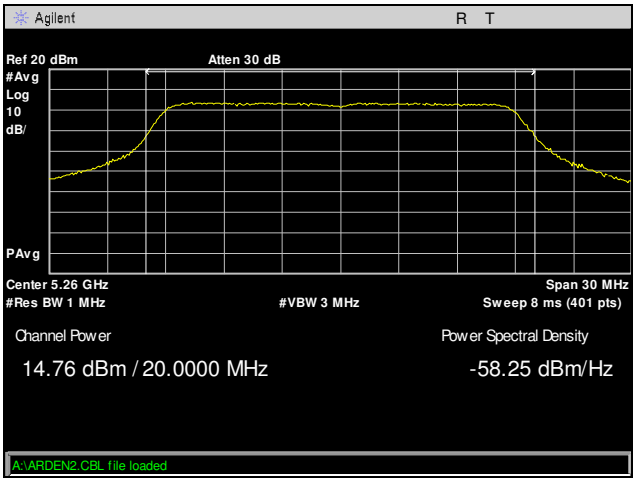


Plot 73. Conducted Output Power, 802.11ac 20 MHz, 5700 MHz, Port 1, Radio 0, 4x8

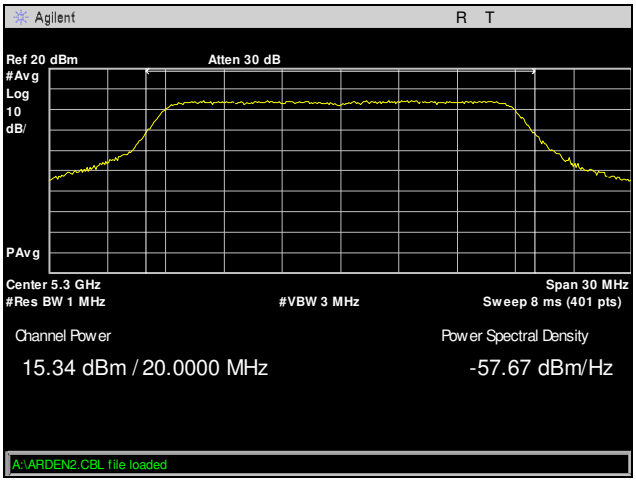


Plot 74. Conducted Output Power, 802.11ac 20 MHz, 5720 MHz, Port 1, Radio 0, 4x8

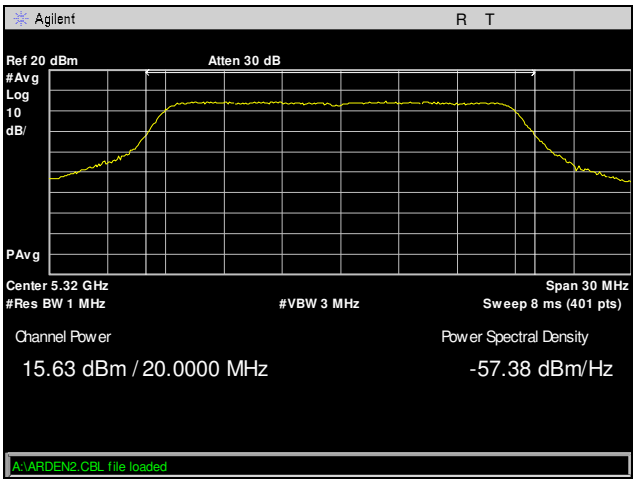
Conducted Output Power, 802.11ac 20 MHz, Port 2, Radio 0, 4x8



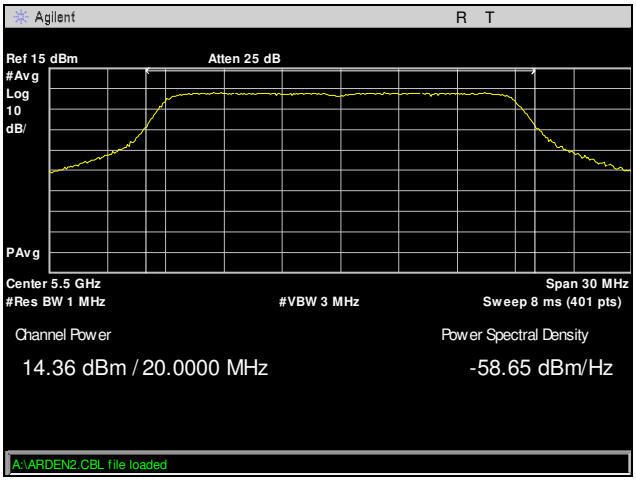
Plot 75. Conducted Output Power, 802.11ac 20 MHz, 5260 MHz, Port 2, Radio 0, 4x8



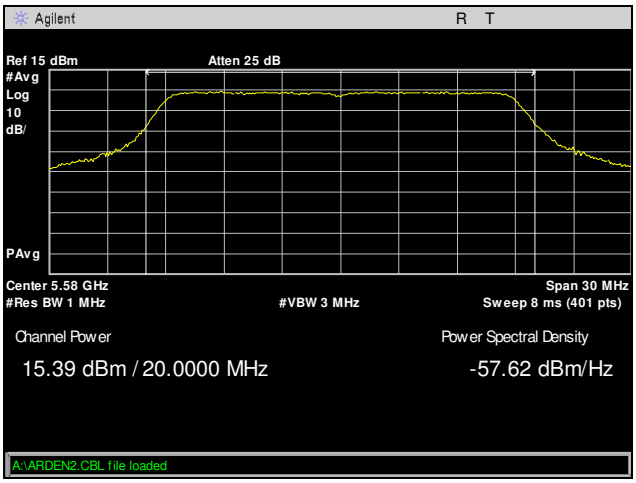
Plot 76. Conducted Output Power, 802.11ac 20 MHz, 5300 MHz, Port 2, Radio 0, 4x8



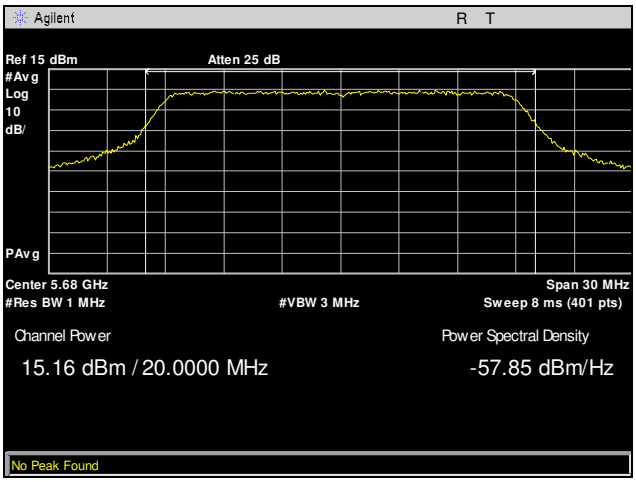
Plot 77. Conducted Output Power, 802.11ac 20 MHz, 5320 MHz, Port 2, Radio 0, 4x8



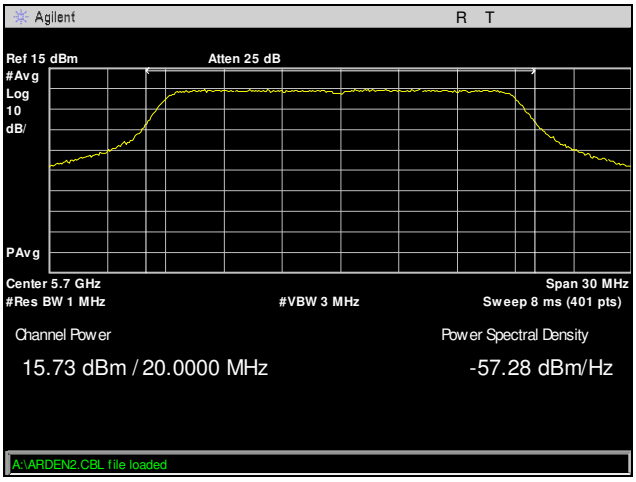
Plot 78. Conducted Output Power, 802.11ac 20 MHz, 5500 MHz, Port 2, Radio 0, 4x8



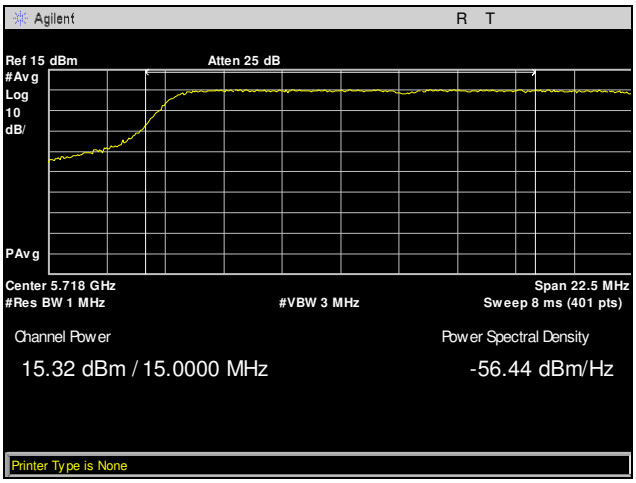
Plot 79. Conducted Output Power, 802.11ac 20 MHz, 5580 MHz, Port 2, Radio 0, 4x8



Plot 80. Conducted Output Power, 802.11ac 20 MHz, 5680 MHz, Port 2, Radio 0, 4x8

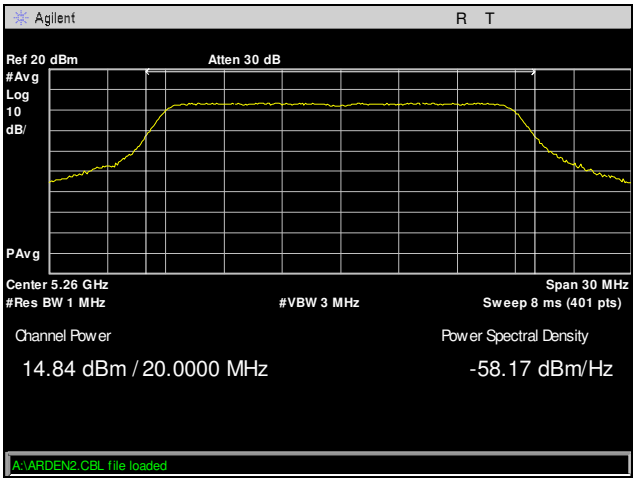


Plot 81. Conducted Output Power, 802.11ac 20 MHz, 5700 MHz, Port 2, Radio 0, 4x8

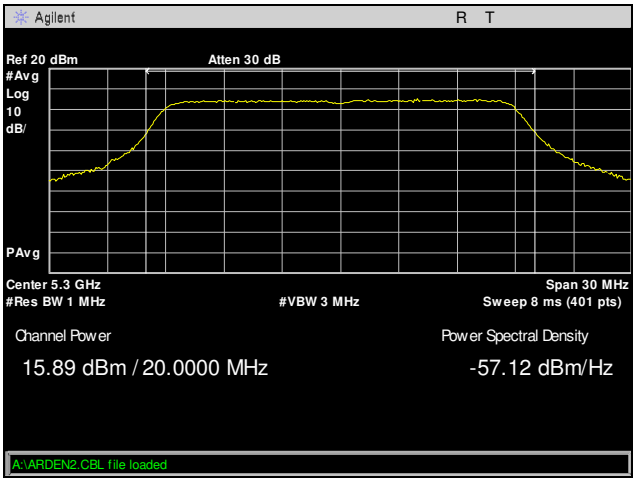


Plot 82. Conducted Output Power, 802.11ac 20 MHz, 5720 MHz, Port 2, Radio 0, 4x8

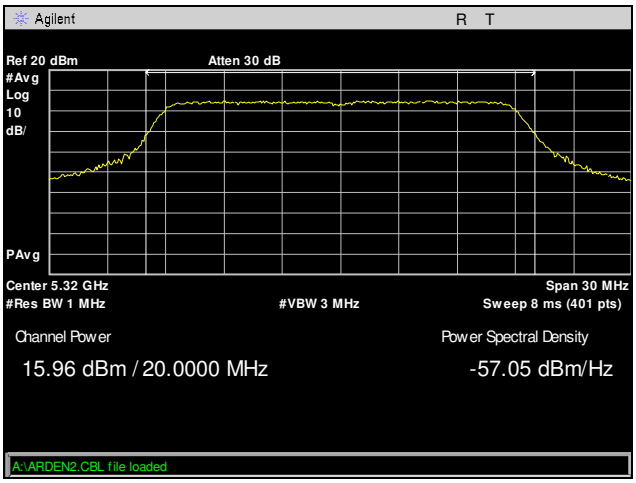
Conducted Output Power, 802.11ac 20 MHz, Port 3, Radio 0, 4x8



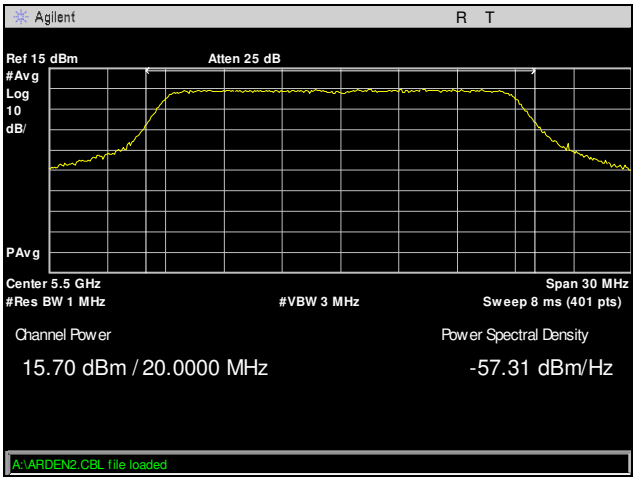
Plot 83. Conducted Output Power, 802.11ac 20 MHz, 5260 MHz, Port 3, Radio 0, 4x8



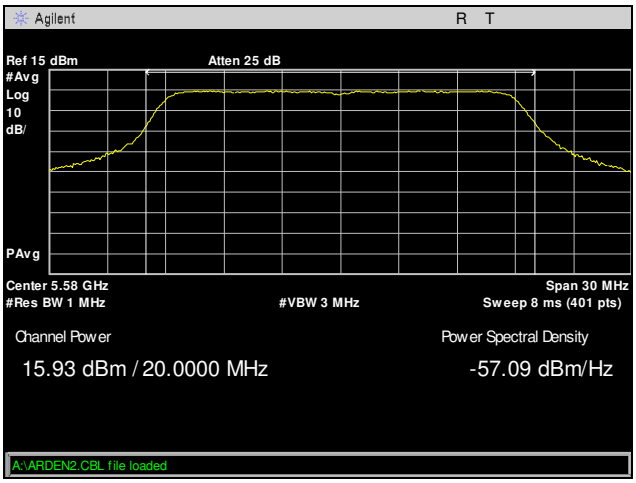
Plot 84. Conducted Output Power, 802.11ac 20 MHz, 5300 MHz, Port 3, Radio 0, 4x8



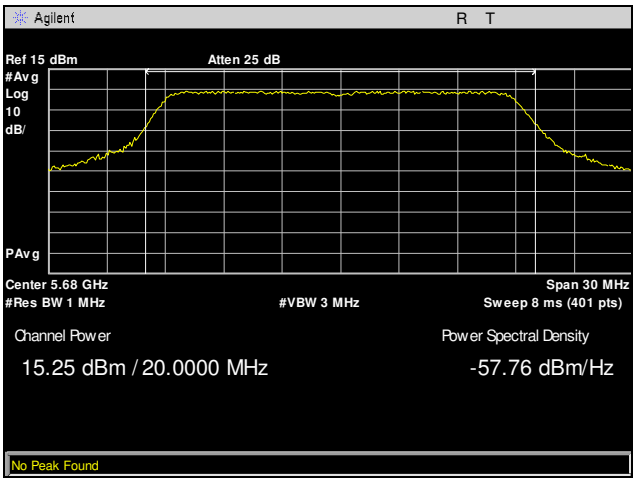
Plot 85. Conducted Output Power, 802.11ac 20 MHz, 5320 MHz, Port 3, Radio 0, 4x8



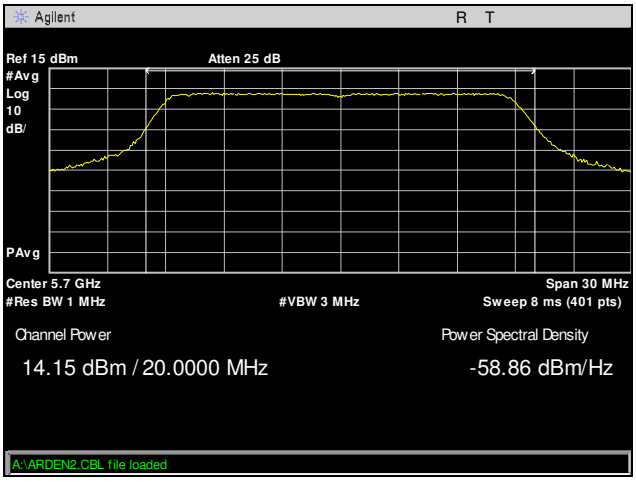
Plot 86. Conducted Output Power, 802.11ac 20 MHz, 5500 MHz, Port 3, Radio 0, 4x8



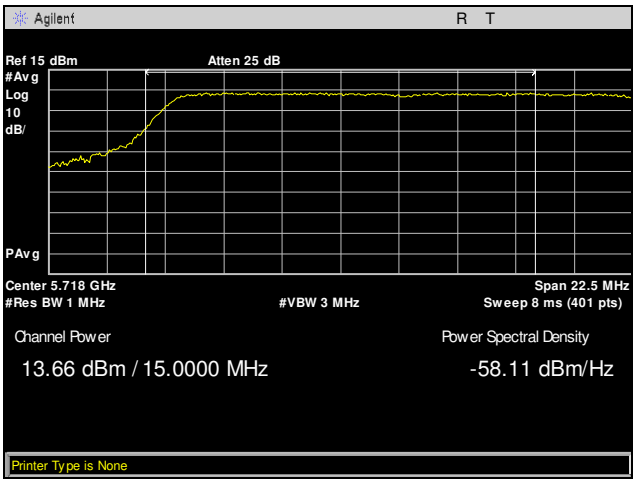
Plot 87. Conducted Output Power, 802.11ac 20 MHz, 5580 MHz, Port 3, Radio 0, 4x8



Plot 88. Conducted Output Power, 802.11ac 20 MHz, 5680 MHz, Port 3, Radio 0, 4x8

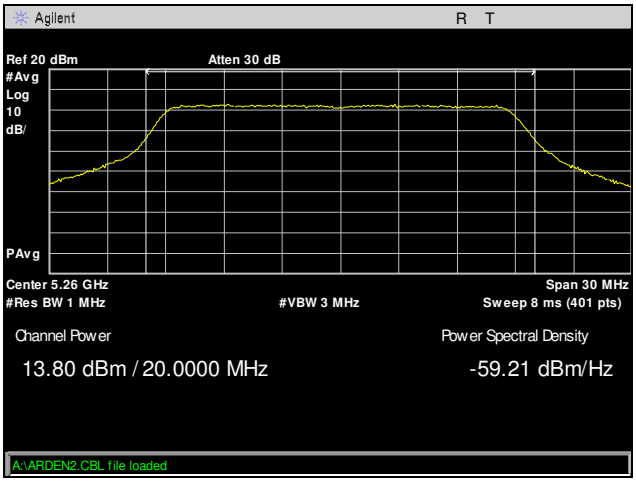


Plot 89. Conducted Output Power, 802.11ac 20 MHz, 5700 MHz, Port 3, Radio 0, 4x8

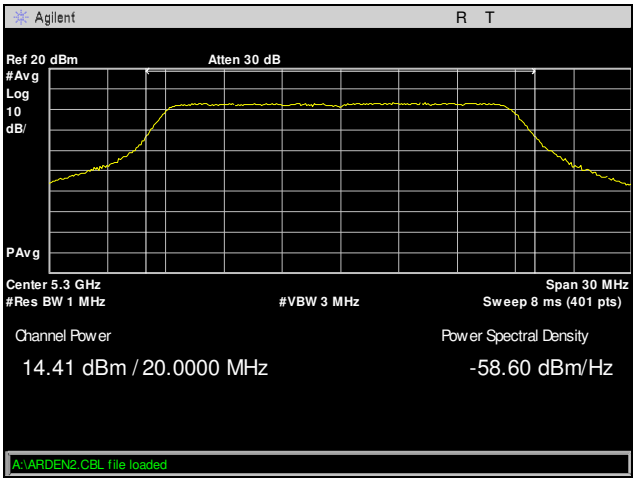


Plot 90. Conducted Output Power, 802.11ac 20 MHz, 5720 MHz, Port 3, Radio 0, 4x8

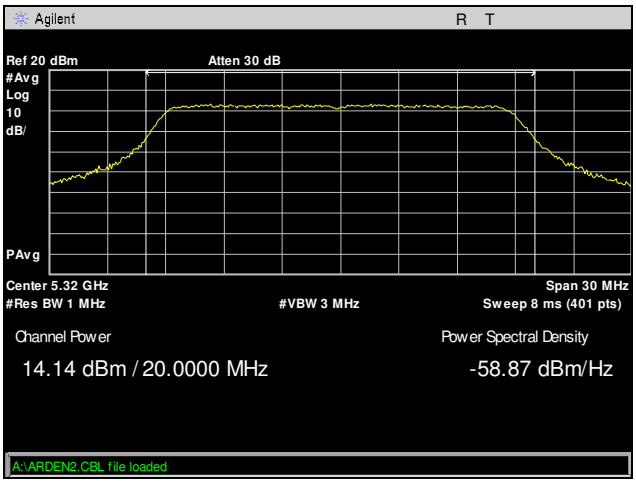
Conducted Output Power, 802.11ac 20 MHz, Port 4, Radio 0, 4x8



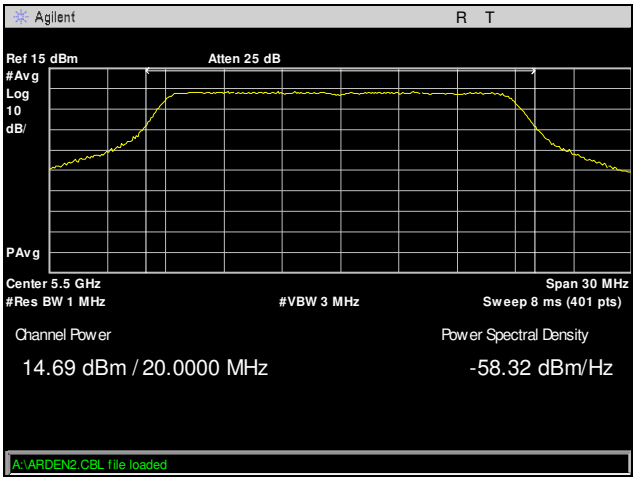
Plot 91. Conducted Output Power, 802.11ac 20 MHz, 5260 MHz, Port 4, Radio 0, 4x8



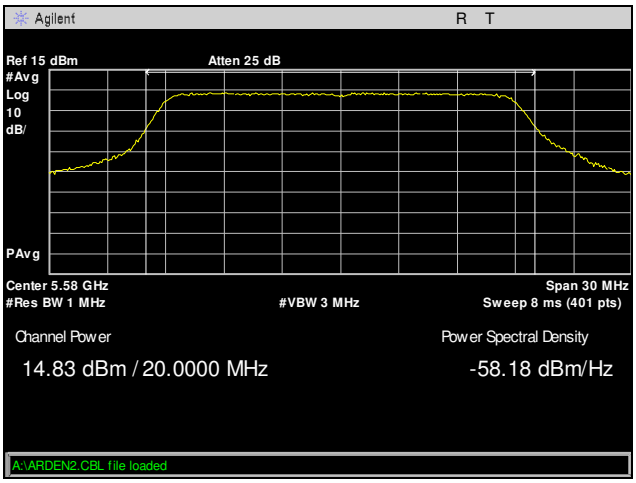
Plot 92. Conducted Output Power, 802.11ac 20 MHz, 5300 MHz, Port 4, Radio 0, 4x8



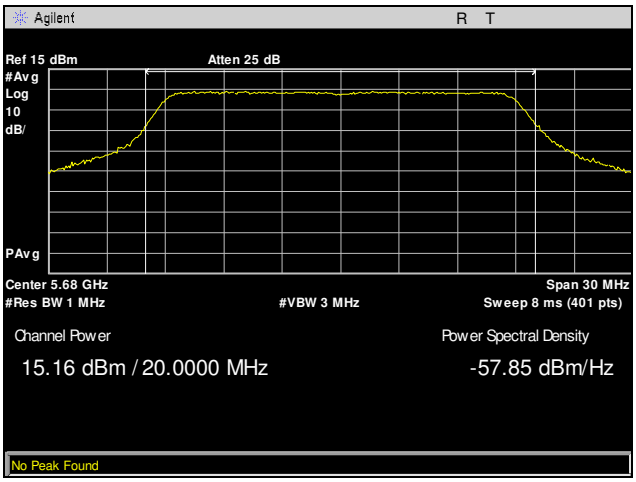
Plot 93. Conducted Output Power, 802.11ac 20 MHz, 5320 MHz, Port 4, Radio 0, 4x8



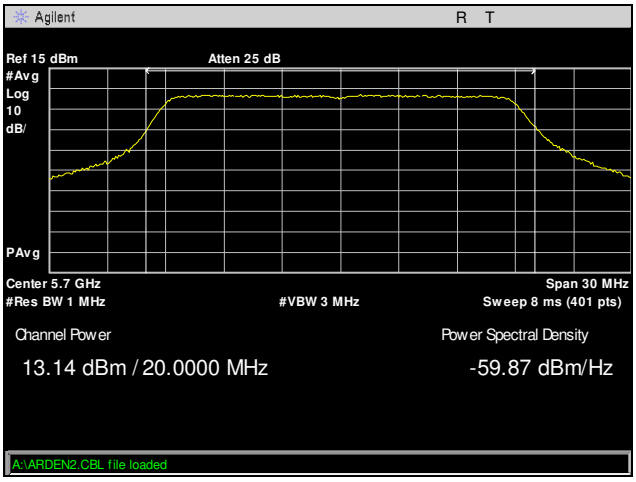
Plot 94. Conducted Output Power, 802.11ac 20 MHz, 5500 MHz, Port 4, Radio 0, 4x8



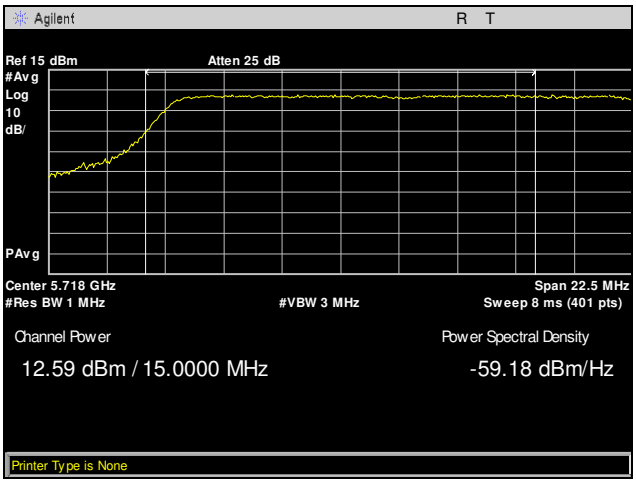
Plot 95. Conducted Output Power, 802.11ac 20 MHz, 5580 MHz, Port 4, Radio 0, 4x8



Plot 96. Conducted Output Power, 802.11ac 20 MHz, 5680 MHz, Port 4, Radio 0, 4x8

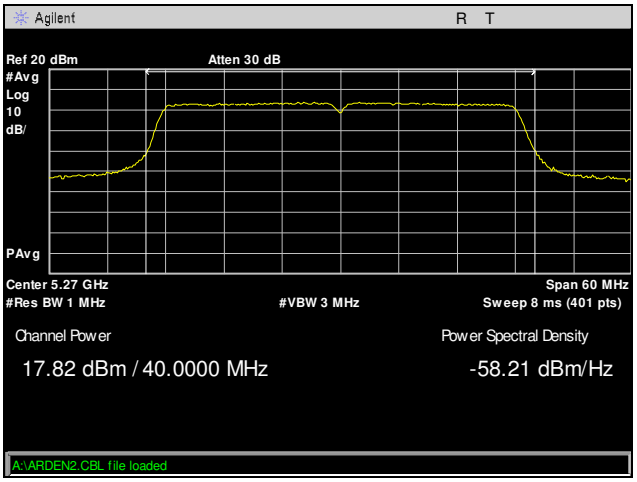


Plot 97. Conducted Output Power, 802.11ac 20 MHz, 5700 MHz, Port 4, Radio 0, 4x8

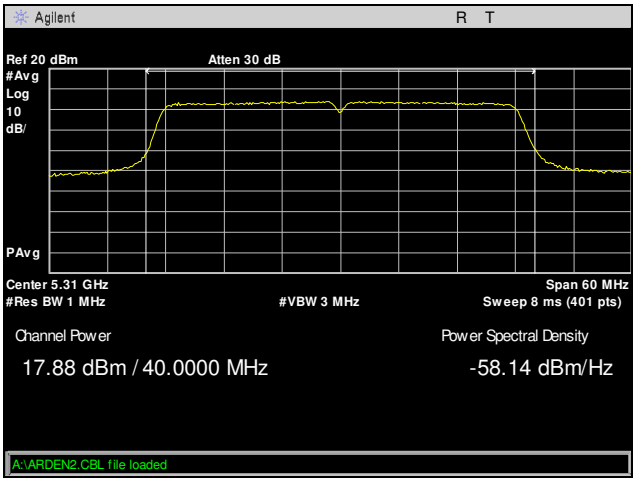


Plot 98. Conducted Output Power, 802.11ac 20 MHz, 5720 MHz, Port 4, Radio 0, 4x8

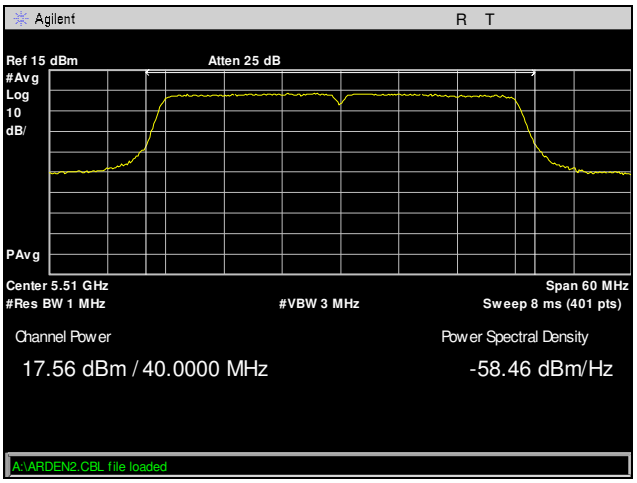
Conducted Output Power, 802.11ac 40 MHz, Port 1, Radio 0, 4x8



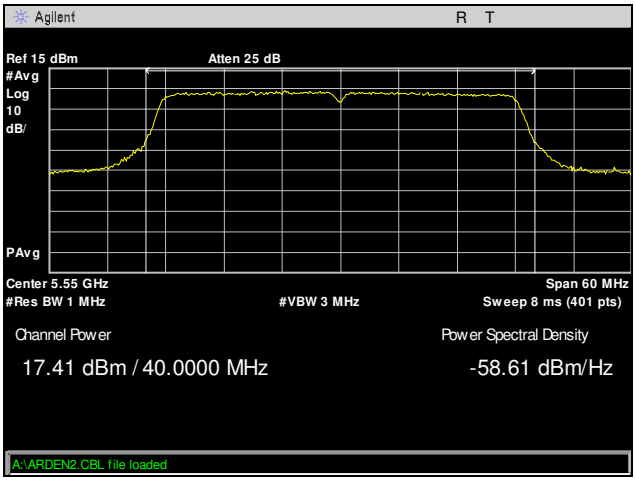
Plot 99. Conducted Output Power, 802.11ac 40 MHz, 5270 MHz, Port 1, Radio 0, 4x8



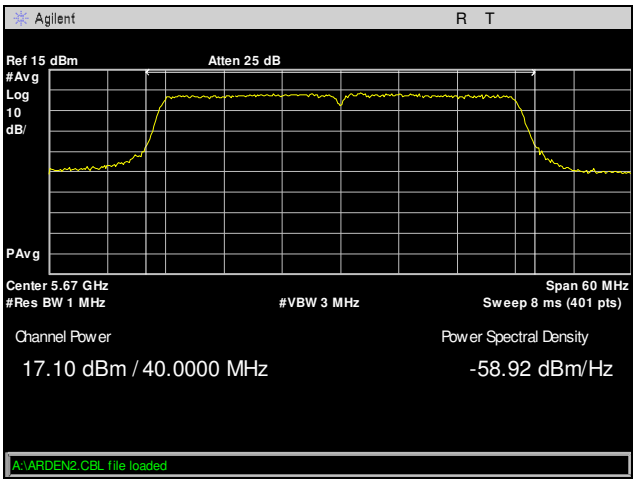
Plot 100. Conducted Output Power, 802.11ac 40 MHz, 5310 MHz, Port 1, Radio 0, 4x8



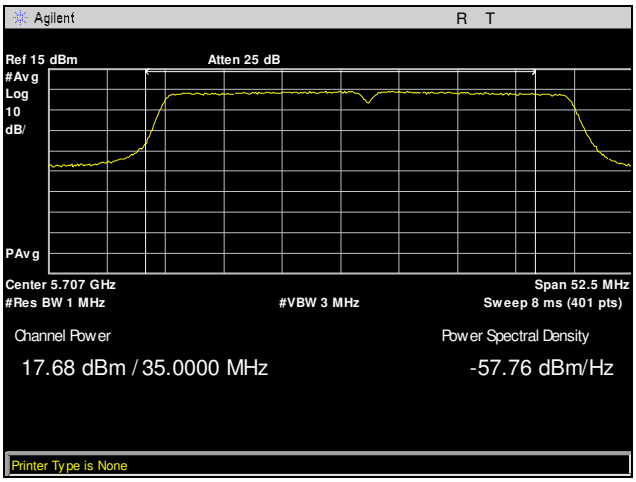
Plot 101. Conducted Output Power, 802.11ac 40 MHz, 5510 MHz, Port 1, Radio 0, 4x8



Plot 102. Conducted Output Power, 802.11ac 40 MHz, 5550 MHz, Port 1, Radio 0, 4x8

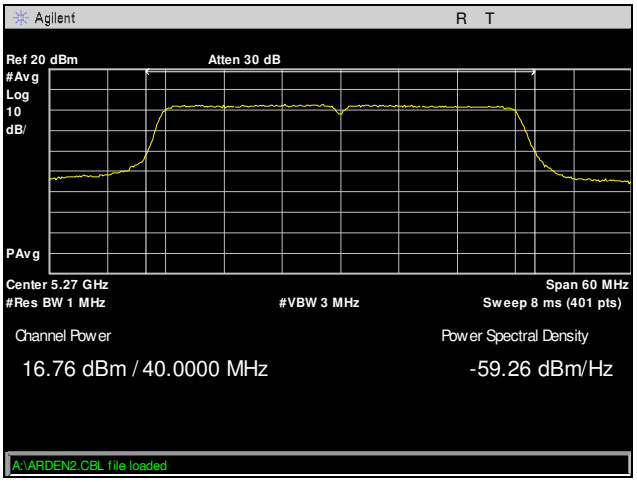


Plot 103. Conducted Output Power, 802.11ac 40 MHz, 5670 MHz, Port 1, Radio 0, 4x8

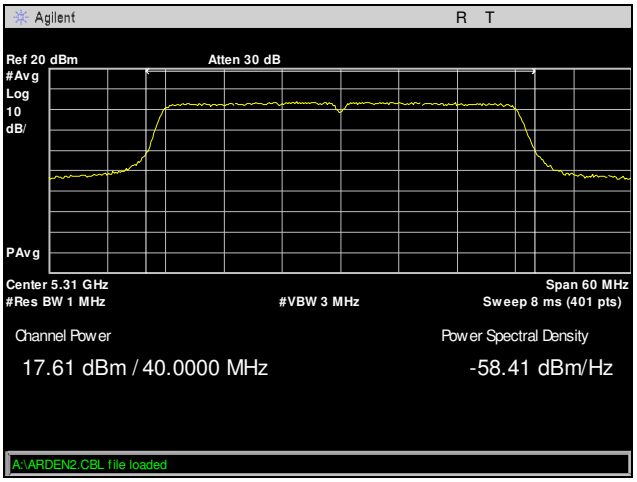


Plot 104. Conducted Output Power, 802.11ac 40 MHz, 5710 MHz, Port 1, Radio 0, 4x8

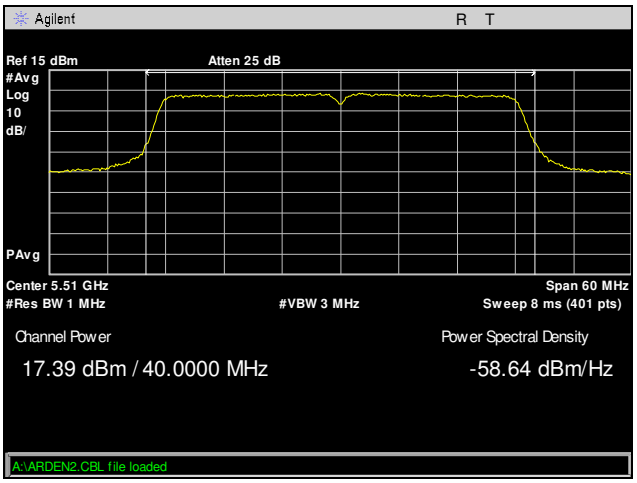
Conducted Output Power, 802.11ac 40 MHz, Port 2, Radio 0, 4x8



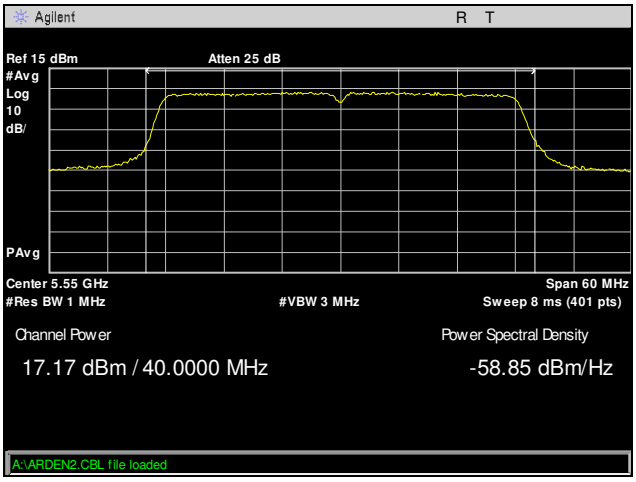
Plot 105. Conducted Output Power, 802.11ac 40 MHz, 5270 MHz, Port 2, Radio 0, 4x8



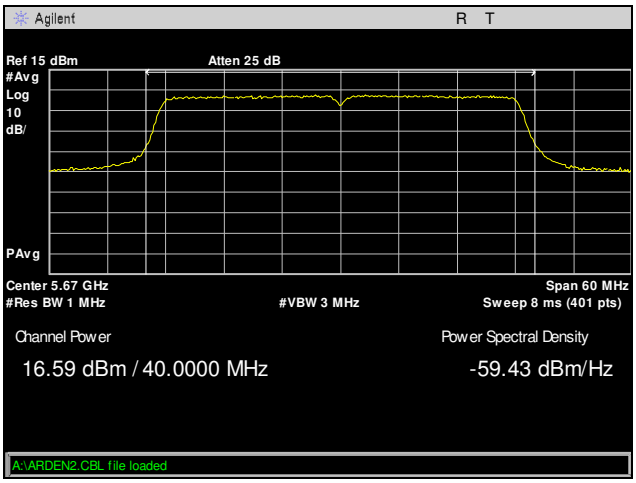
Plot 106. Conducted Output Power, 802.11ac 40 MHz, 5310 MHz, Port 2, Radio 0, 4x8



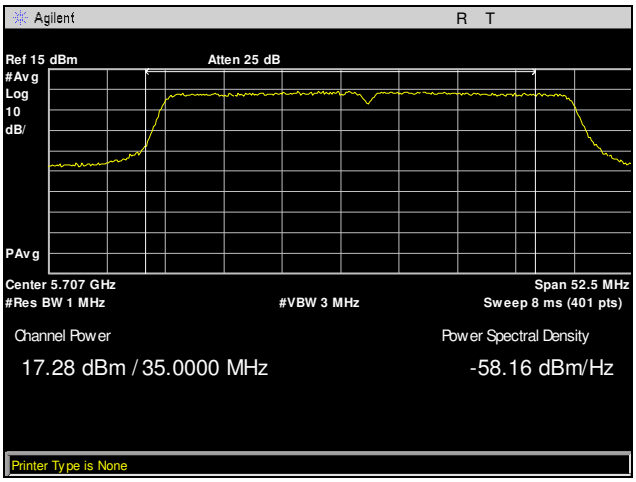
Plot 107. Conducted Output Power, 802.11ac 40 MHz, 5510 MHz, Port 2, Radio 0, 4x8



Plot 108. Conducted Output Power, 802.11ac 40 MHz, 5550 MHz, Port 2, Radio 0, 4x8

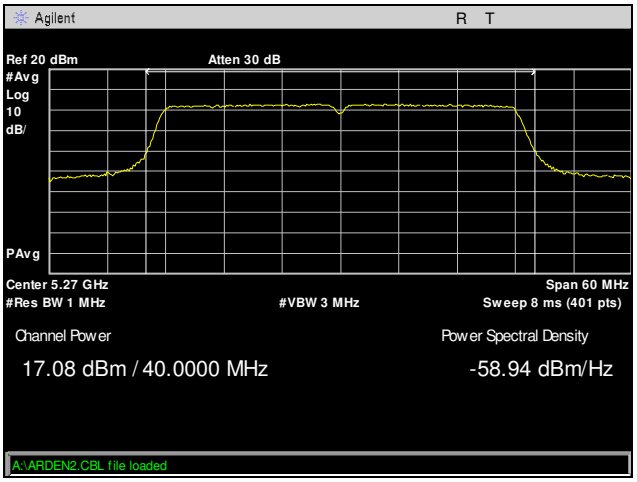


Plot 109. Conducted Output Power, 802.11ac 40 MHz, 5670 MHz, Port 2, Radio 0, 4x8

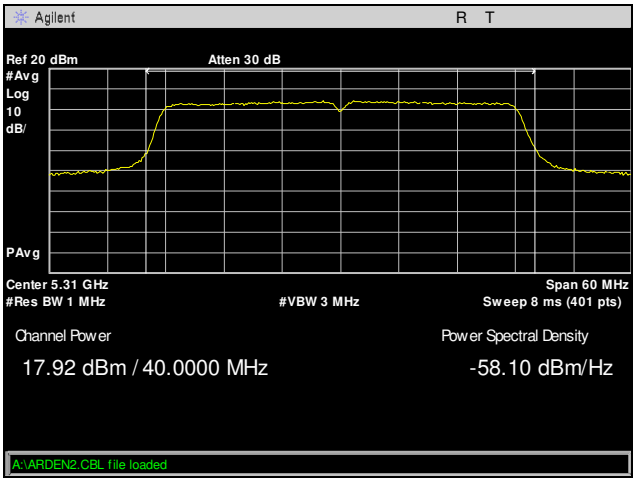


Plot 110. Conducted Output Power, 802.11ac 40 MHz, 5710 MHz, Port 2, Radio 0, 4x8

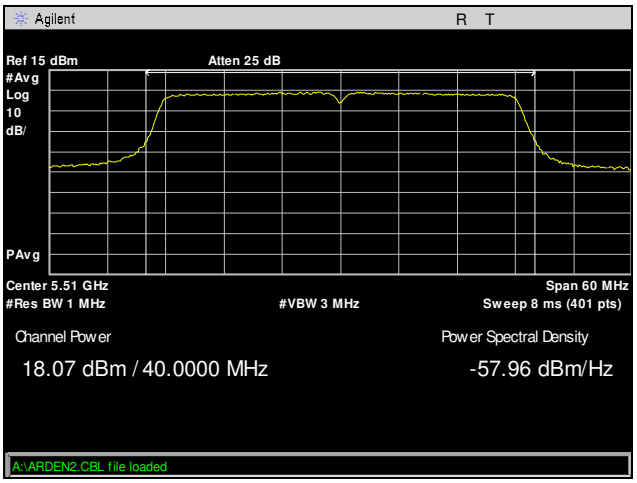
Conducted Output Power, 802.11ac 40 MHz, Port 3, Radio 0, 4x8



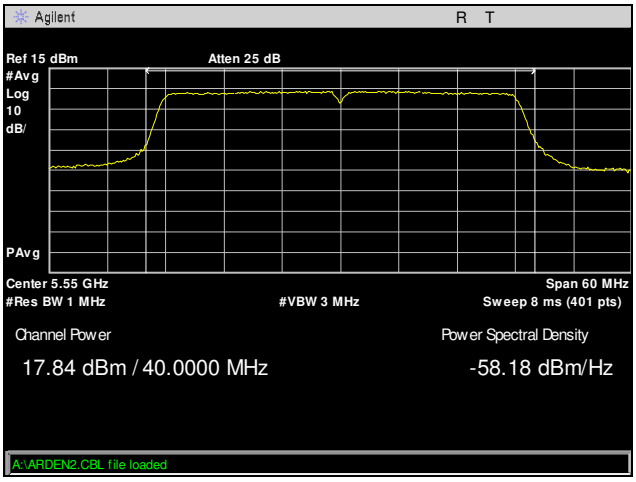
Plot 111. Conducted Output Power, 802.11ac 40 MHz, 5270 MHz, Port 3, Radio 0, 4x8



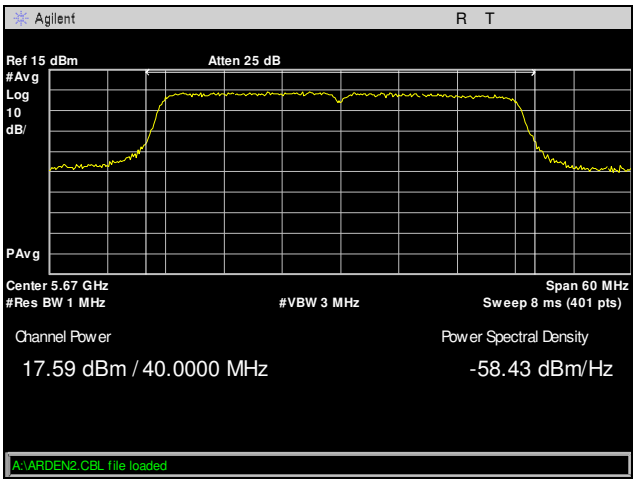
Plot 112. Conducted Output Power, 802.11ac 40 MHz, 5310 MHz, Port 3, Radio 0, 4x8



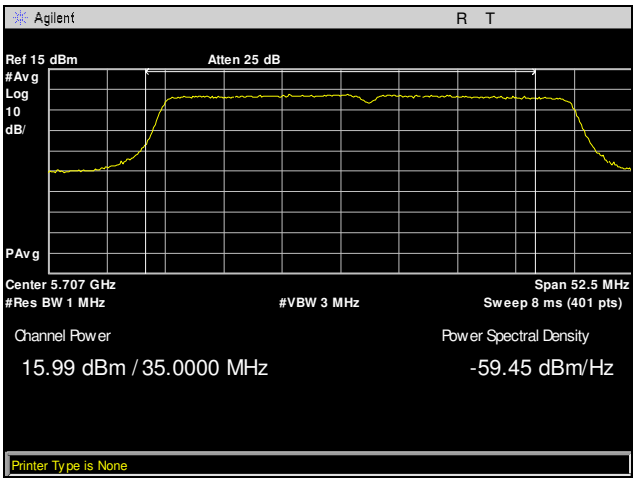
Plot 113. Conducted Output Power, 802.11ac 40 MHz, 5510 MHz, Port 3, Radio 0, 4x8



Plot 114. Conducted Output Power, 802.11ac 40 MHz, 5550 MHz, Port 3, Radio 0, 4x8

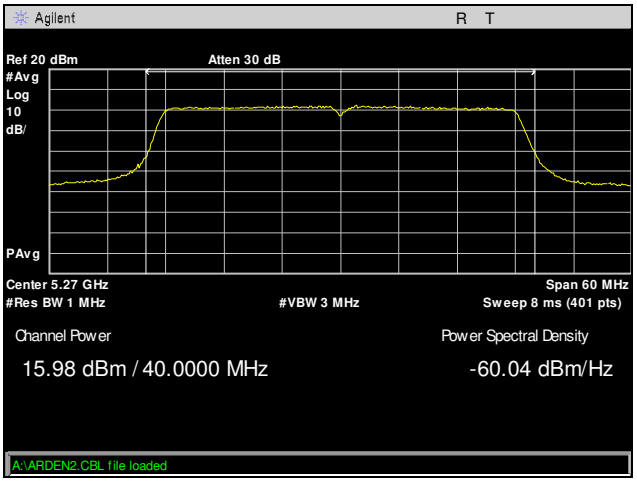


Plot 115. Conducted Output Power, 802.11ac 40 MHz, 5670 MHz, Port 3, Radio 0, 4x8

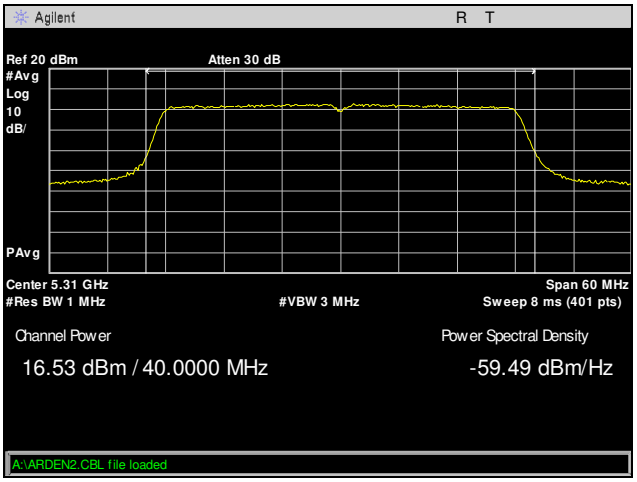


Plot 116. Conducted Output Power, 802.11ac 40 MHz, 5710 MHz, Port 3, Radio 0, 4x8

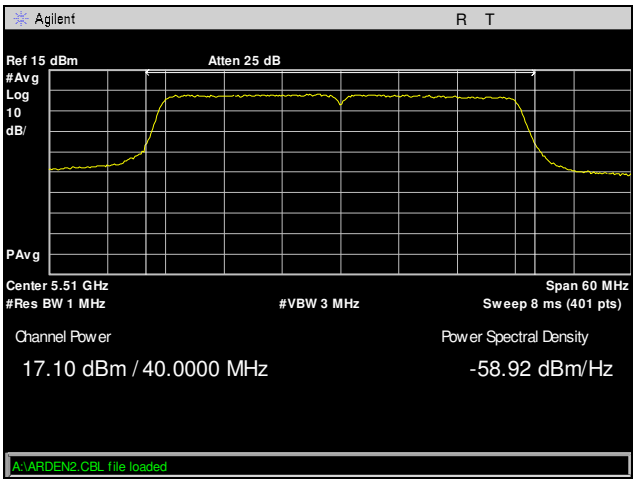
Conducted Output Power, 802.11ac 40 MHz, Port 4, Radio 0, 4x8



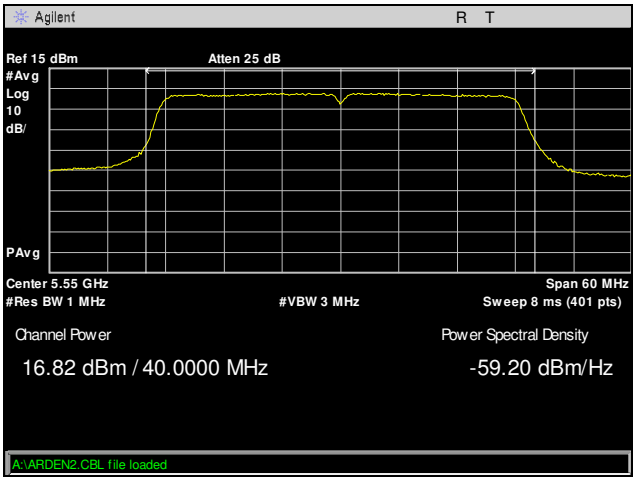
Plot 117. Conducted Output Power, 802.11ac 40 MHz, 5270 MHz, Port 4, Radio 0, 4x8



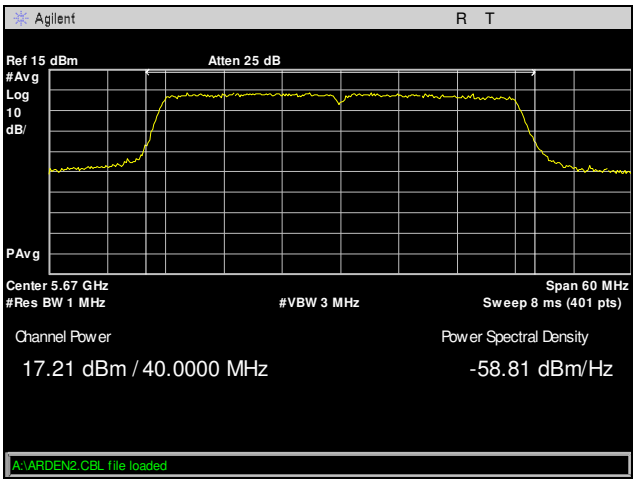
Plot 118. Conducted Output Power, 802.11ac 40 MHz, 5310 MHz, Port 4, Radio 0, 4x8



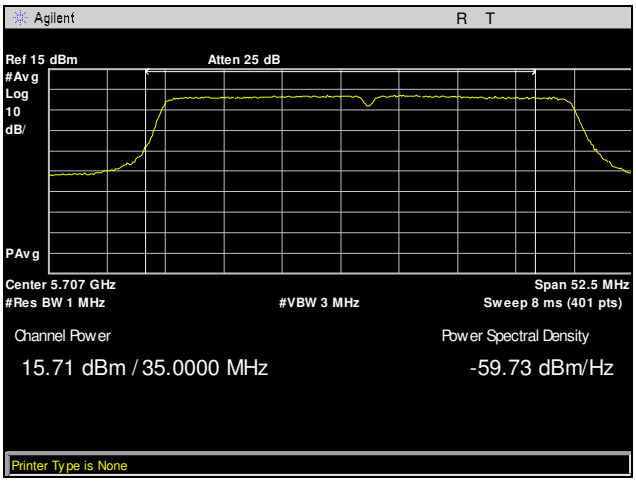
Plot 119. Conducted Output Power, 802.11ac 40 MHz, 5510 MHz, Port 4, Radio 0, 4x8



Plot 120. Conducted Output Power, 802.11ac 40 MHz, 5550 MHz, Port 4, Radio 0, 4x8

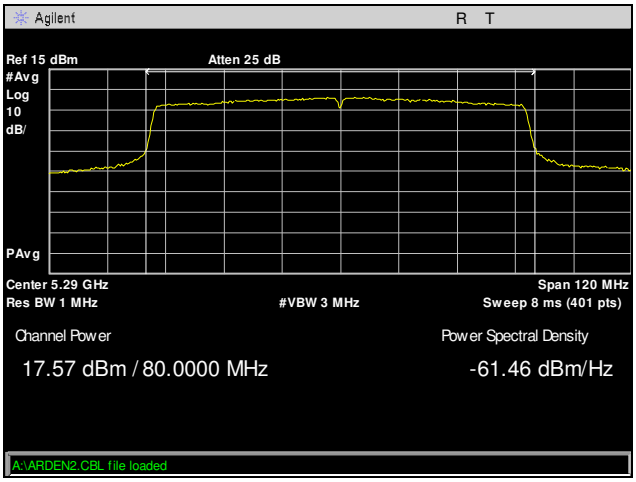


Plot 121. Conducted Output Power, 802.11ac 40 MHz, 5670 MHz, Port 4, Radio 0, 4x8

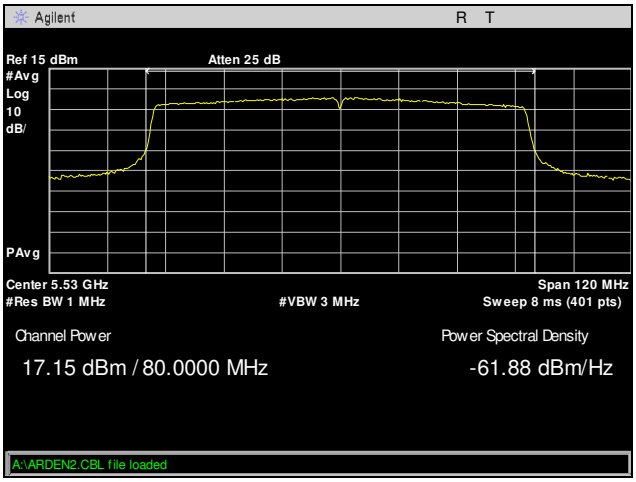


Plot 122. Conducted Output Power, 802.11ac 40 MHz, 5710 MHz, Port 4, Radio 0, 4x8

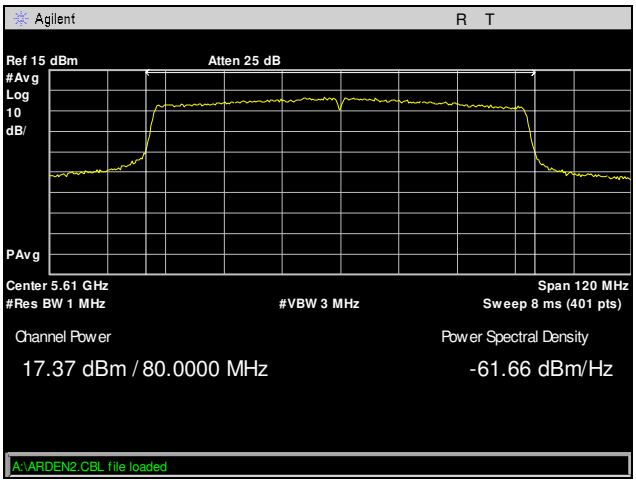
Conducted Output Power, 802.11ac 80 MHz, Port 1, Radio 0, 4x8



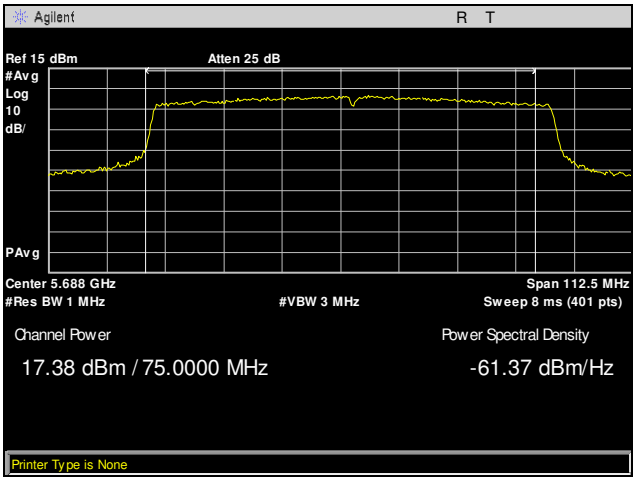
Plot 123. Conducted Output Power, 802.11ac 80 MHz, 5290 MHz, Port 1, Radio 0, 4x8



Plot 124. Conducted Output Power, 802.11ac 80 MHz, 5530 MHz, Port 1, Radio 0, 4x8

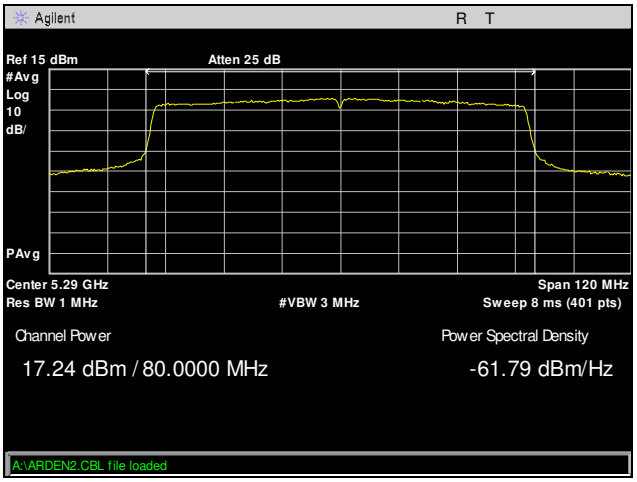


Plot 125. Conducted Output Power, 802.11ac 80 MHz, 5610 MHz, Port 1, Radio 0, 4x8

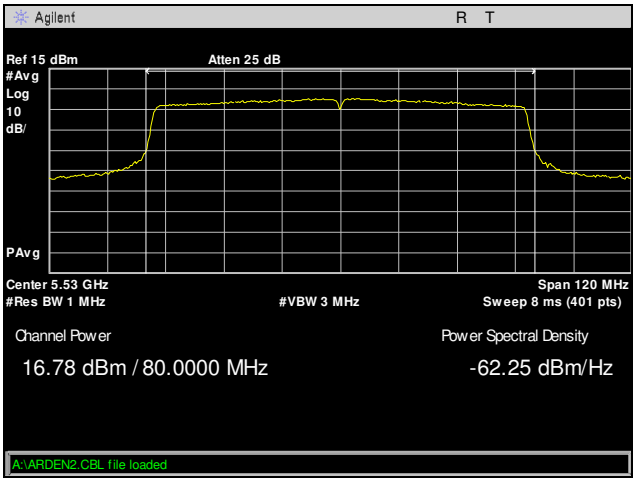


Plot 126. Conducted Output Power, 802.11ac 80 MHz, 5690 MHz, Port 1, Radio 0, 4x8

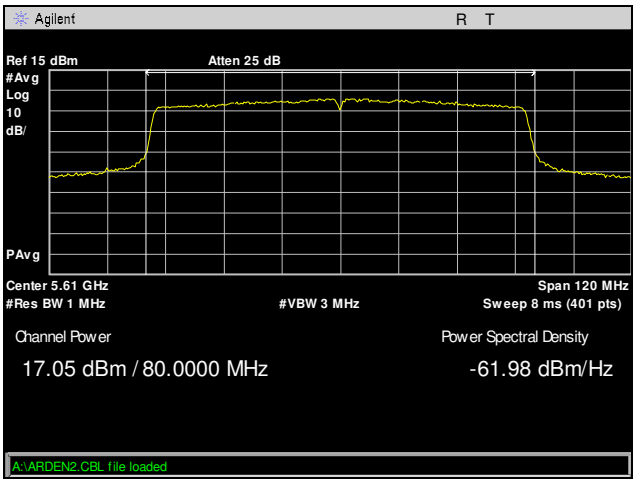
Conducted Output Power, 802.11ac 80 MHz, Port 2, Radio 0, 4x8



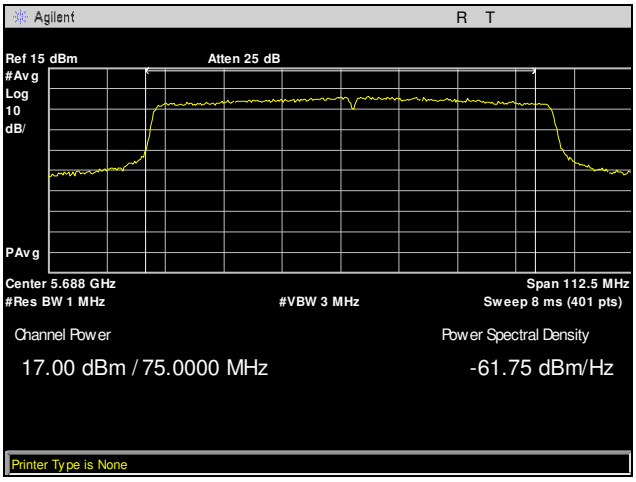
Plot 127. Conducted Output Power, 802.11ac 80 MHz, 5290 MHz, Port 2, Radio 0, 4x8



Plot 128. Conducted Output Power, 802.11ac 80 MHz, 5530 MHz, Port 2, Radio 0, 4x8

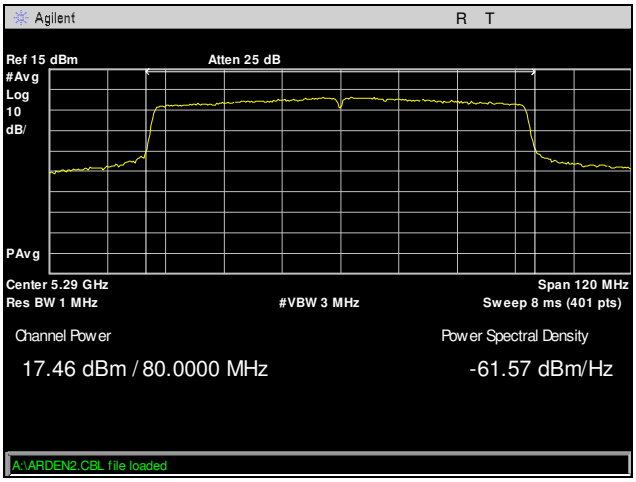


Plot 129. Conducted Output Power, 802.11ac 80 MHz, 5610 MHz, Port 2, Radio 0, 4x8

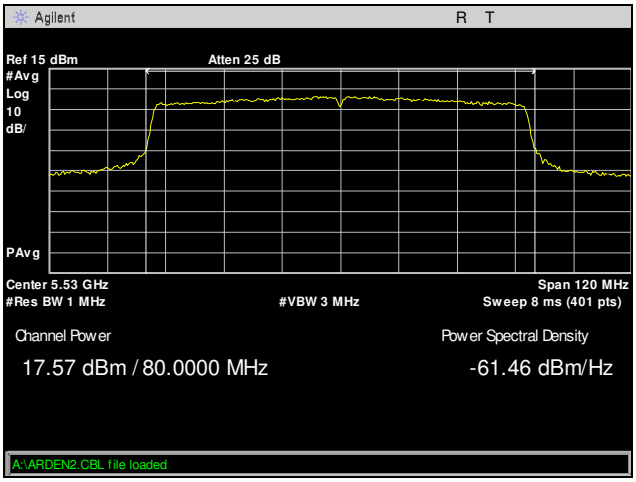


Plot 130. Conducted Output Power, 802.11ac 80 MHz, 5690 MHz, Port 2, Radio 0, 4x8

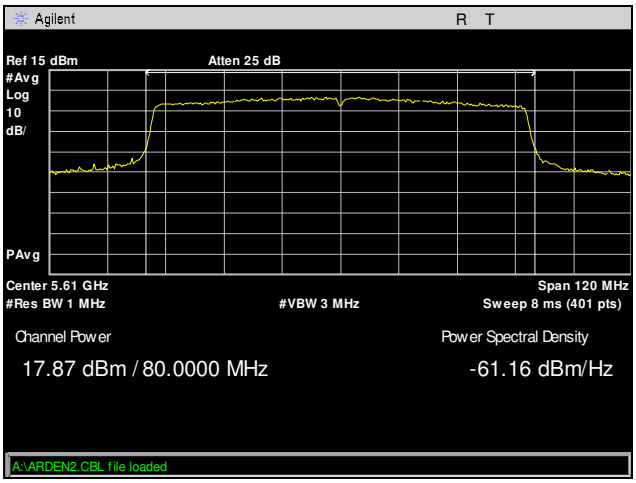
Conducted Output Power, 802.11ac 80 MHz, Port 3, Radio 0, 4x8



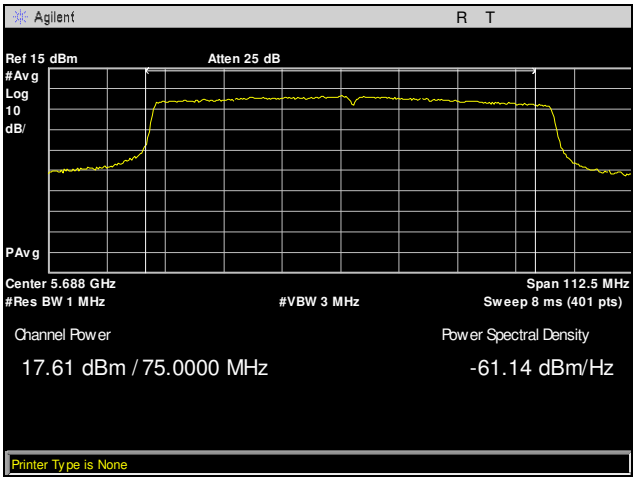
Plot 131. Conducted Output Power, 802.11ac 80 MHz, 5290 MHz, Port 3, Radio 0, 4x8



Plot 132. Conducted Output Power, 802.11ac 80 MHz, 5530 MHz, Port 3, Radio 0, 4x8

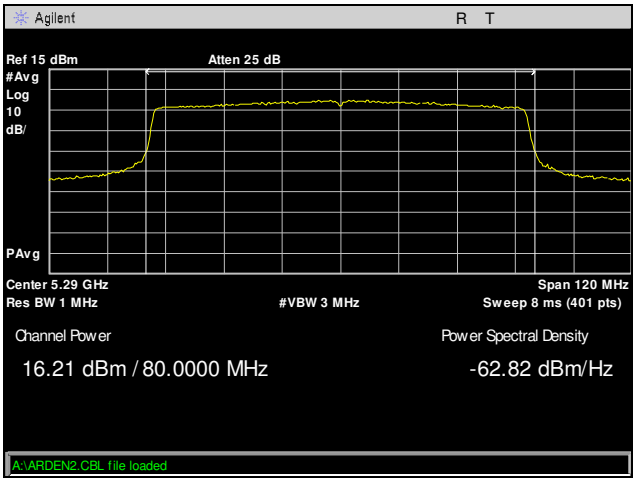


Plot 133. Conducted Output Power, 802.11ac 80 MHz, 5610 MHz, Port 3, Radio 0, 4x8

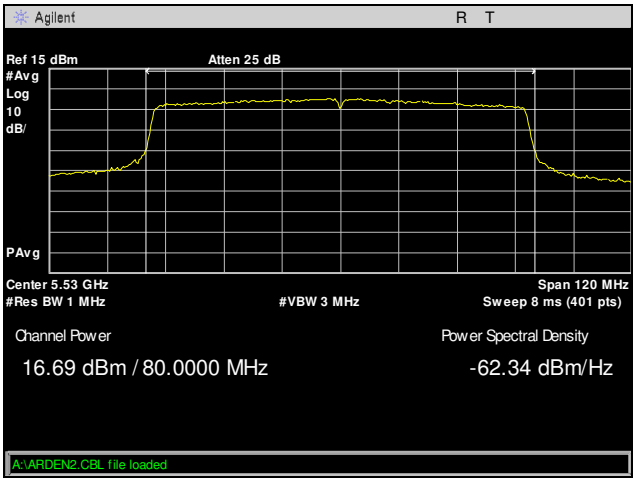


Plot 134. Conducted Output Power, 802.11ac 80 MHz, 5690 MHz, Port 3, Radio 0, 4x8

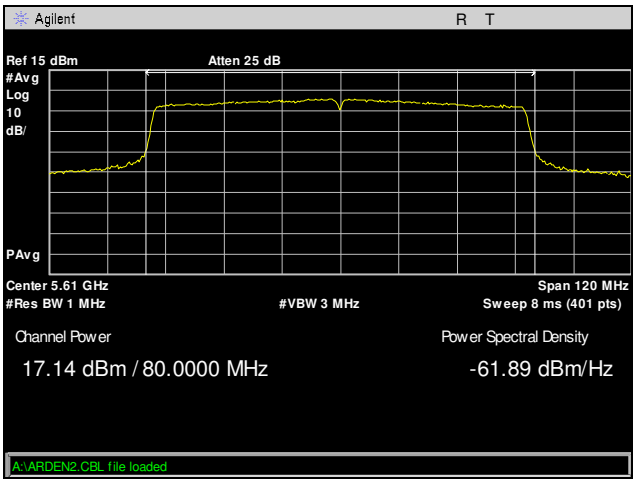
Conducted Output Power, 802.11ac 80 MHz, Port 4, Radio 0, 4x8



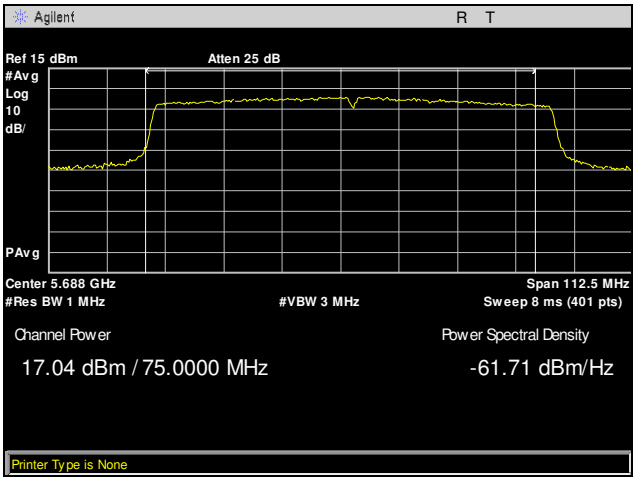
Plot 135. Conducted Output Power, 802.11ac 80 MHz, 5290 MHz, Port 4, Radio 0, 4x8



Plot 136. Conducted Output Power, 802.11ac 80 MHz, 5530 MHz, Port 4, Radio 0, 4x8

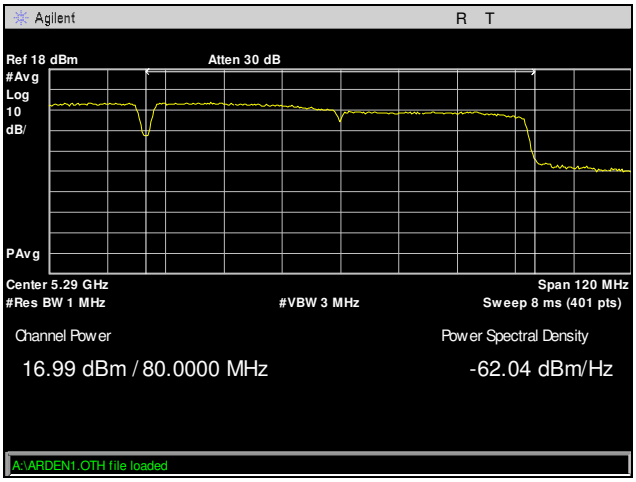


Plot 137. Conducted Output Power, 802.11ac 80 MHz, 5610 MHz, Port 4, Radio 0, 4x8

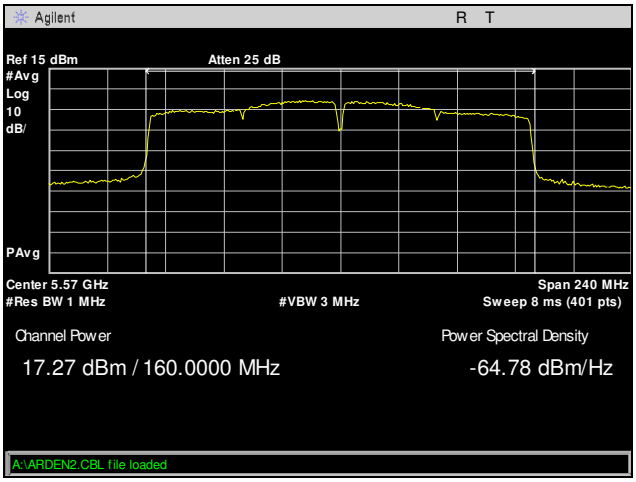


Plot 138. Conducted Output Power, 802.11ac 80 MHz, 5690 MHz, Port 1, Radio 0, 4x8

Conducted Output Power, 802.11ac 160 MHz, Port 1, Radio 0, 4x8

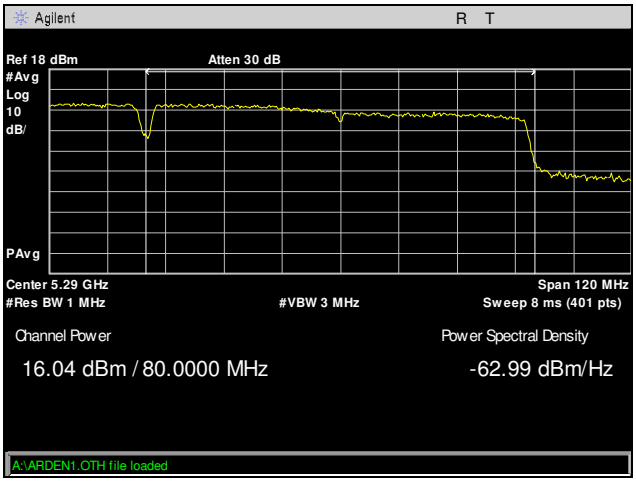


Plot 139. Conducted Output Power, 802.11ac 160 MHz, 5250 MHz, Port 1, Radio 0, 4x8

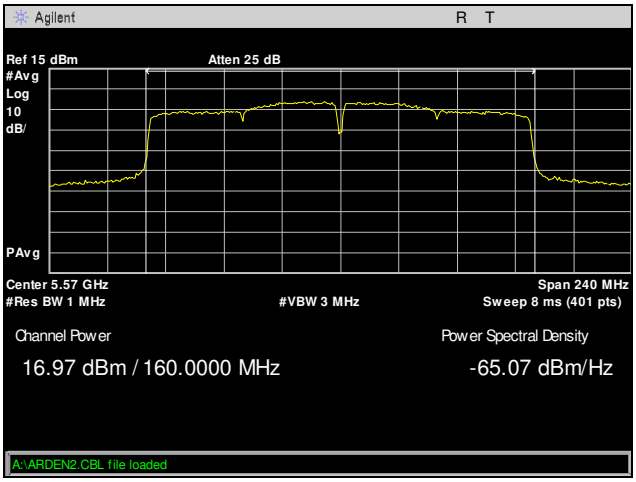


Plot 140. Conducted Output Power, 802.11ac 160 MHz, 5570 MHz, Port 1, Radio 0, 4x8

Conducted Output Power, 802.11ac 160 MHz, Port 2, Radio 0, 4x8

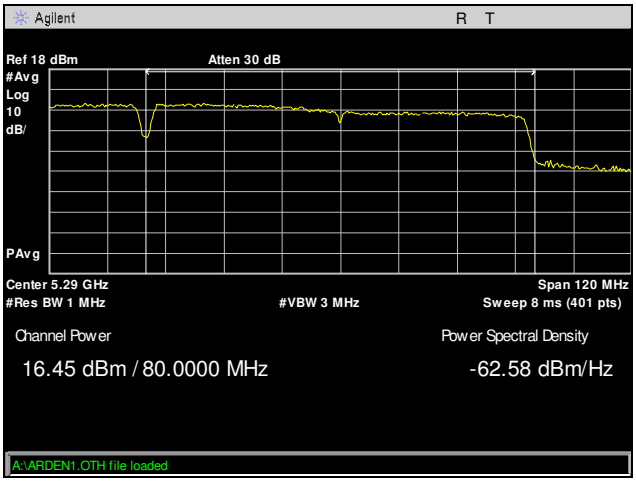


Plot 141. Conducted Output Power, 802.11ac 160 MHz, 5250 MHz, Port 2, Radio 0, 4x8

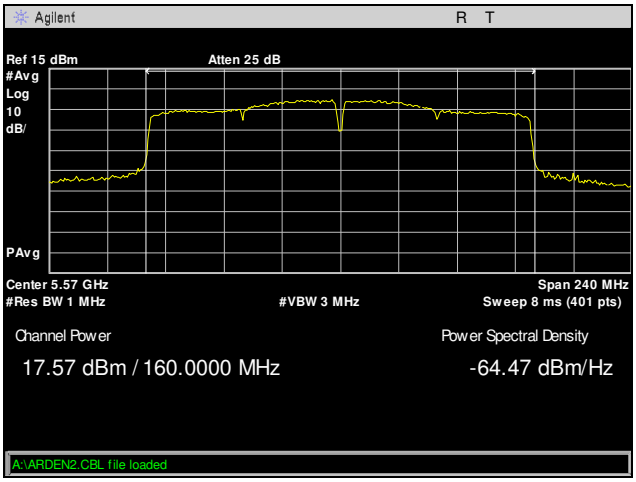


Plot 142. Conducted Output Power, 802.11ac 160 MHz, 5570 MHz, Port 2, Radio 0, 4x8

Conducted Output Power, 802.11ac 160 MHz, Port 3, Radio 0, 4x8

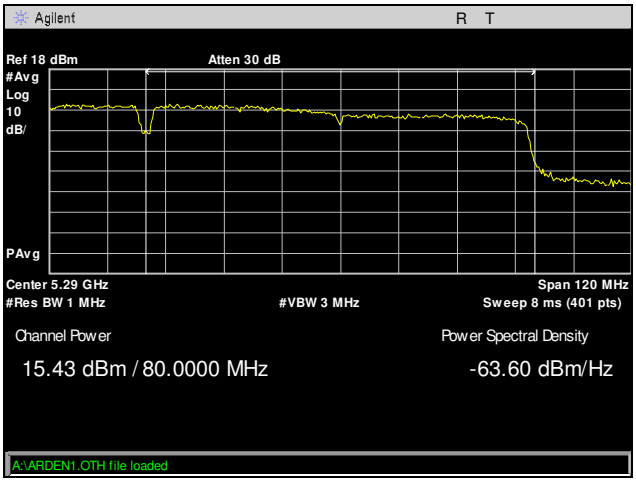


Plot 143. Conducted Output Power, 802.11ac 160 MHz, 5250 MHz, Port 3, Radio 0, 4x8

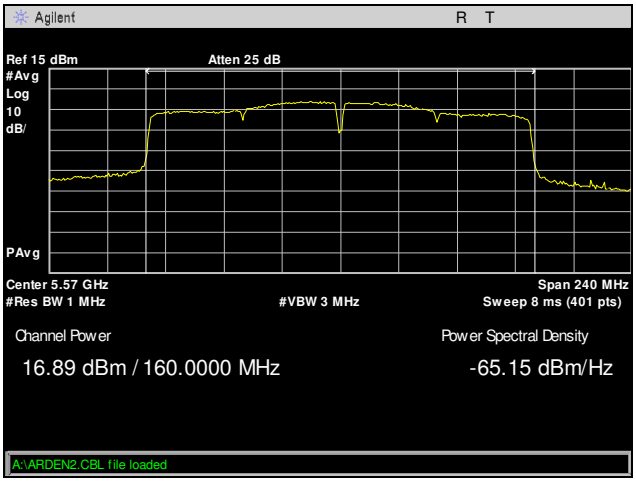


Plot 144. Conducted Output Power, 802.11ac 160 MHz, 5570 MHz, Port 3, Radio 0, 4x8

Conducted Output Power, 802.11ac 160 MHz, Port 4, Radio 0, 4x8

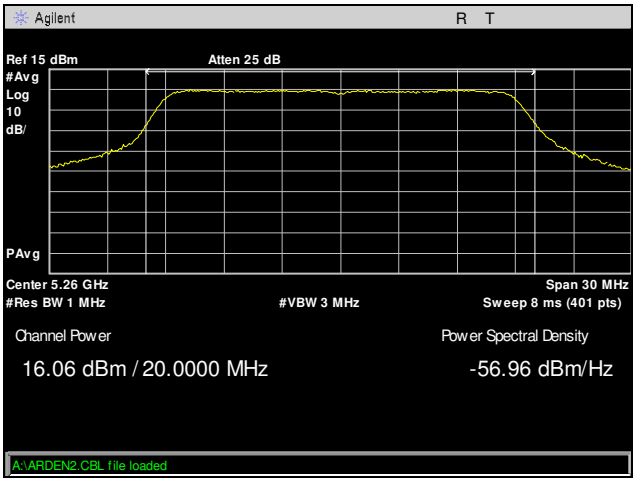


Plot 145. Conducted Output Power, 802.11ac 160 MHz, 5250 MHz, Port 4, Radio 0, 4x8

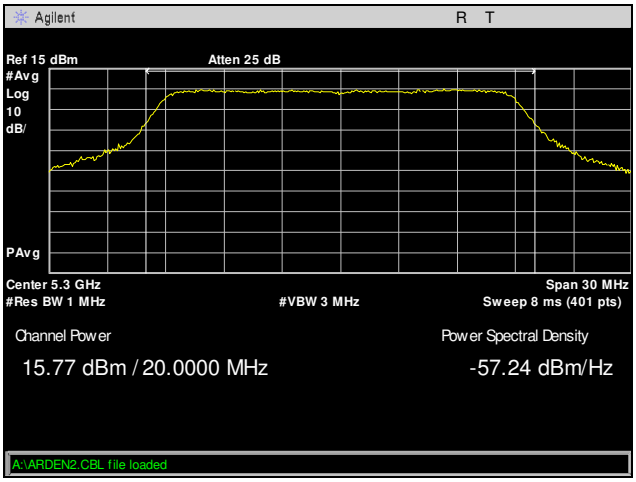


Plot 146. Conducted Output Power, 802.11ac 160 MHz, 5570 MHz, Port 4, Radio 0, 4x8

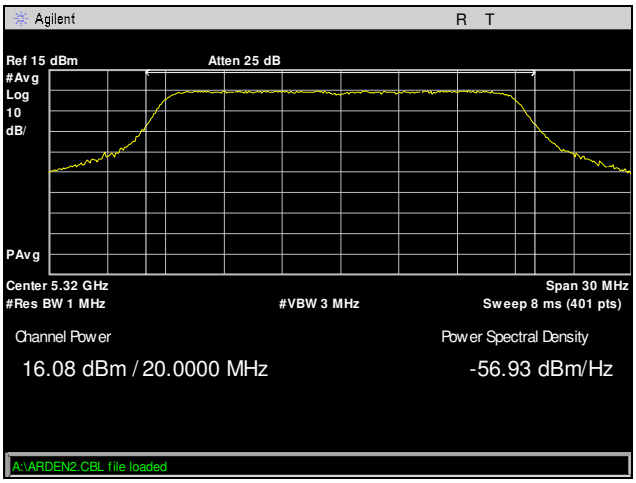
Conducted Output Power, 802.11n 20 MHz, Port 1, Radio 0, 4x8



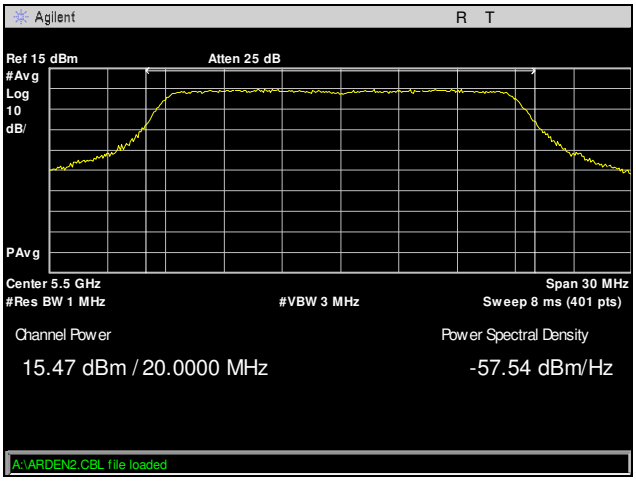
Plot 147. Conducted Output Power, 802.11n 20 MHz, 5260 MHz, Port 1, Radio 0, 4x8



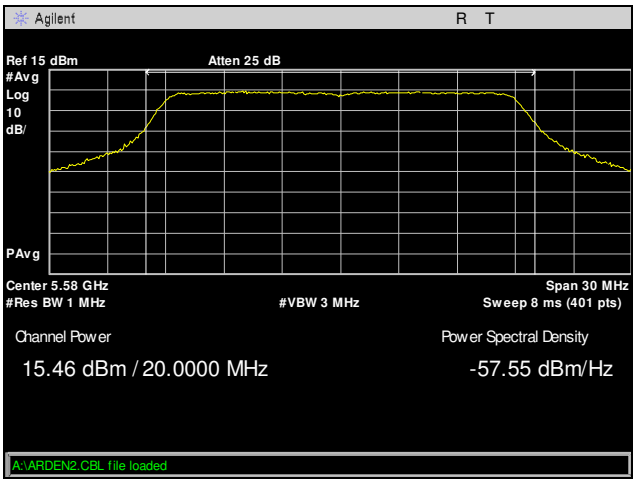
Plot 148. Conducted Output Power, 802.11n 20 MHz, 5300 MHz, Port 1, Radio 0, 4x8



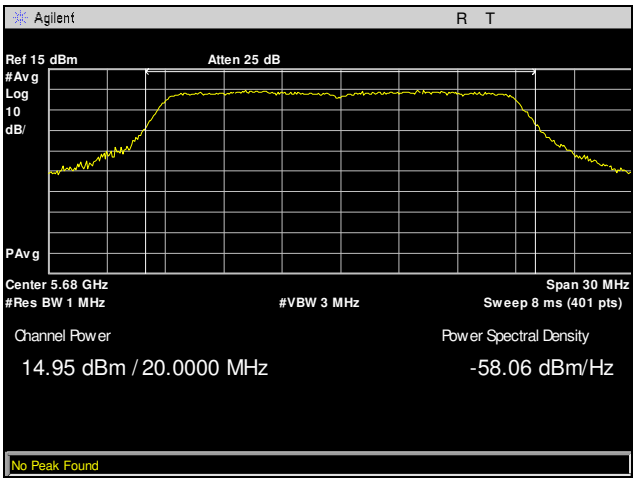
Plot 149. Conducted Output Power, 802.11n 20 MHz, 5320 MHz, Port 1, Radio 0, 4x8



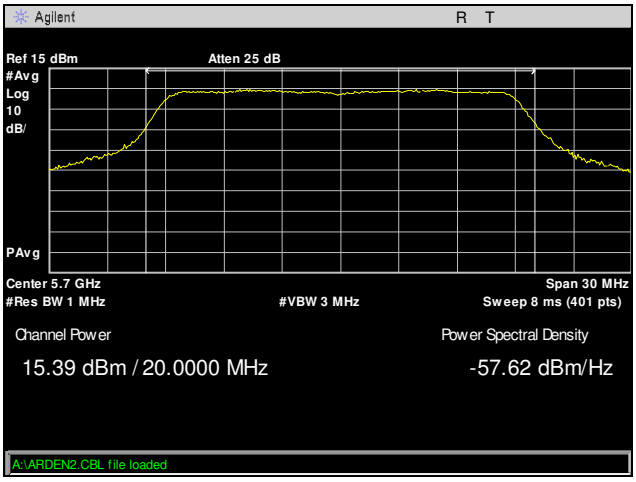
Plot 150. Conducted Output Power, 802.11n 20 MHz, 5500 MHz, Port 1, Radio 0, 4x8



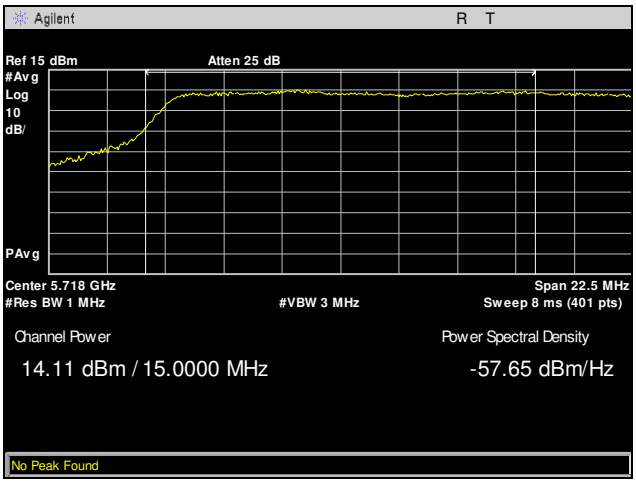
Plot 151. Conducted Output Power, 802.11n 20 MHz, 5580 MHz, Port 1, Radio 0, 4x8



Plot 152. Conducted Output Power, 802.11n 20 MHz, 5680 MHz, Port 1, Radio 0, 4x8

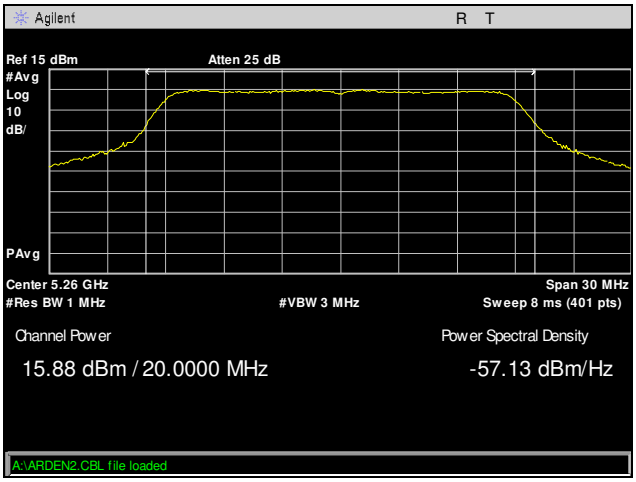


Plot 153. Conducted Output Power, 802.11n 20 MHz, 5700 MHz, Port 1, Radio 0, 4x8

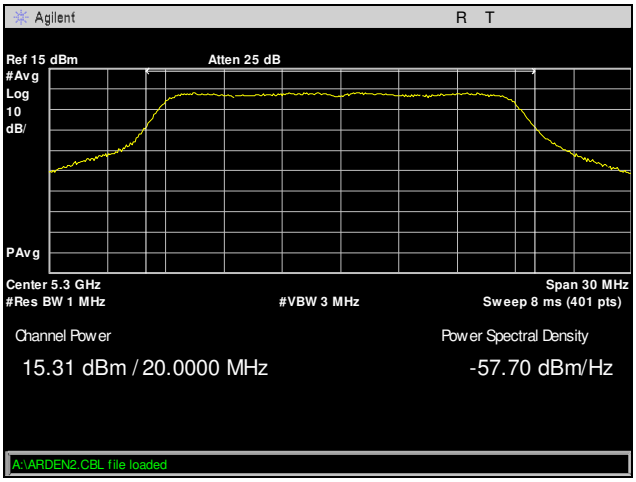


Plot 154. Conducted Output Power, 802.11n 20 MHz, 5720 MHz, Port 1, Radio 0, 4x8

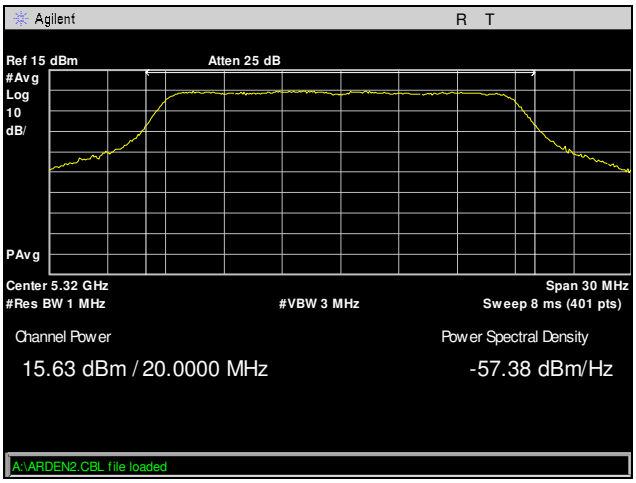
Conducted Output Power, 802.11n 20 MHz, Port 2, Radio 0, 4x8



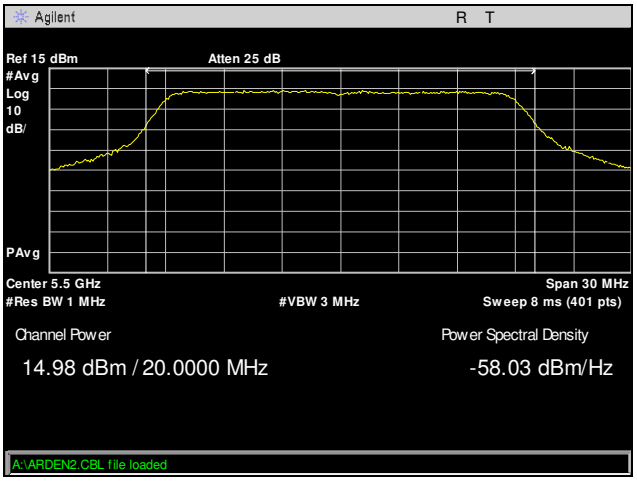
Plot 155. Conducted Output Power, 802.11n 20 MHz, 5260 MHz, Port 2, Radio 0, 4x8



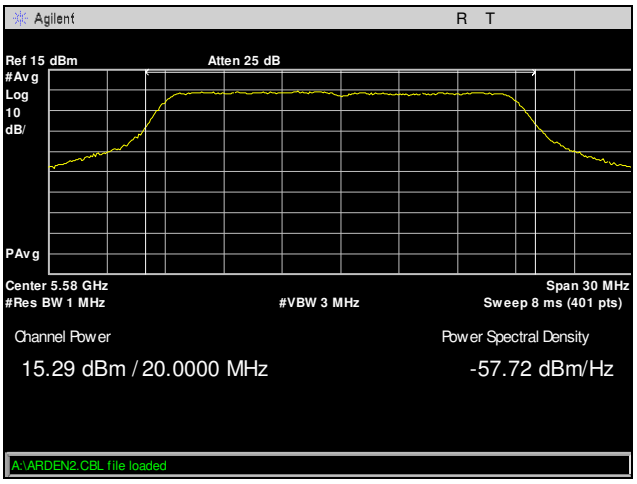
Plot 156. Conducted Output Power, 802.11n 20 MHz, 5300 MHz, Port 2, Radio 0, 4x8



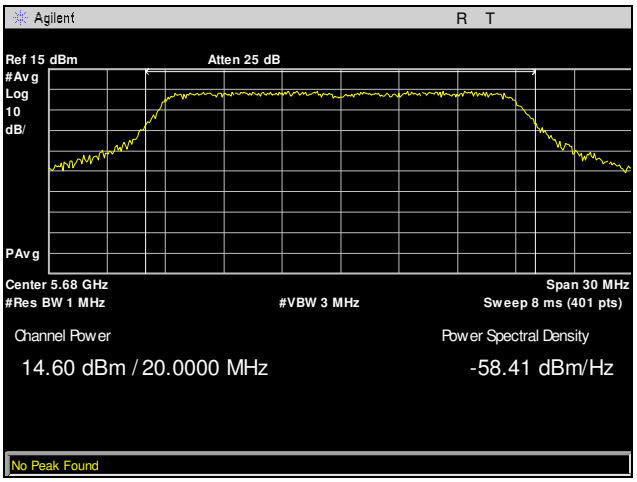
Plot 157. Conducted Output Power, 802.11n 20 MHz, 5320 MHz, Port 2, Radio 0, 4x8



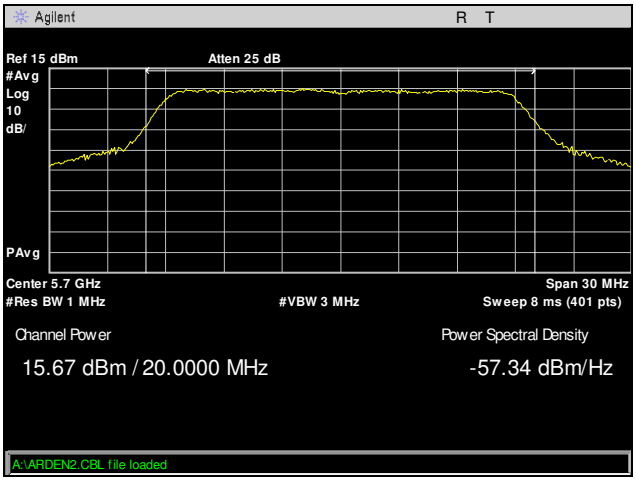
Plot 158. Conducted Output Power, 802.11n 20 MHz, 5500 MHz, Port 2, Radio 0, 4x8



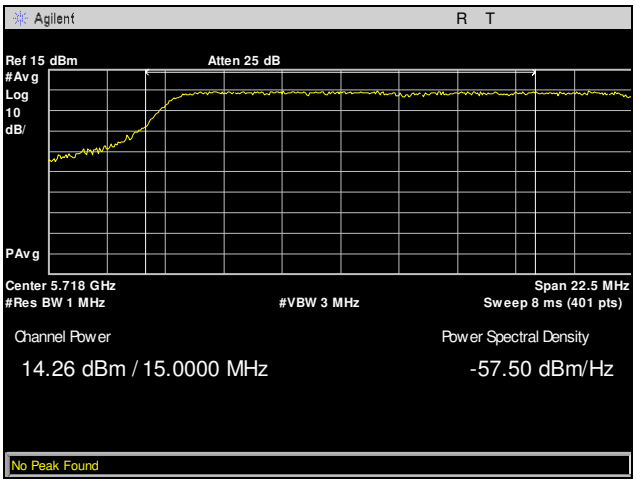
Plot 159. Conducted Output Power, 802.11n 20 MHz, 5580 MHz, Port 2, Radio 0, 4x8



Plot 160. Conducted Output Power, 802.11n 20 MHz, 5680 MHz, Port 2, Radio 0, 4x8

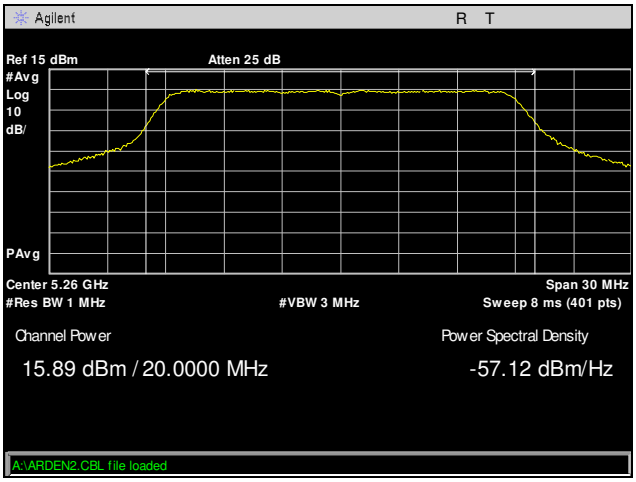


Plot 161. Conducted Output Power, 802.11n 20 MHz, 5700 MHz, Port 2, Radio 0, 4x8

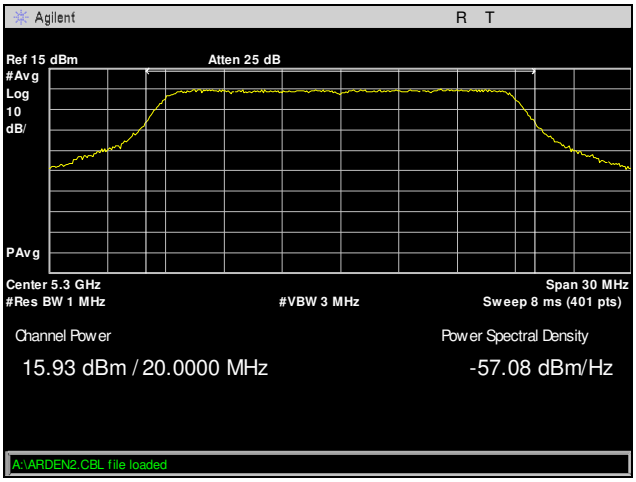


Plot 162. Conducted Output Power, 802.11n 20 MHz, 5720 MHz, Port 2, Radio 0, 4x8

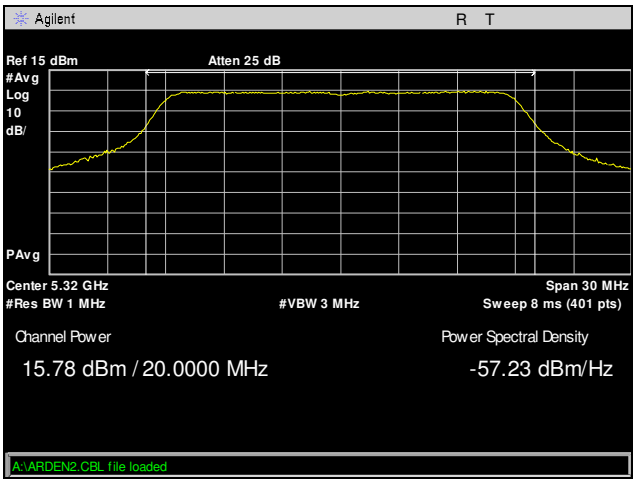
Conducted Output Power, 802.11n 20 MHz, Port 3, Radio 0, 4x8



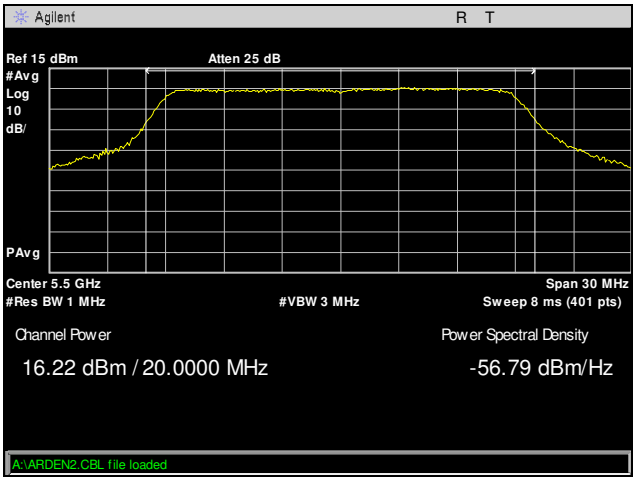
Plot 163. Conducted Output Power, 802.11n 20 MHz, 5260 MHz, Port 3, Radio 0, 4x8



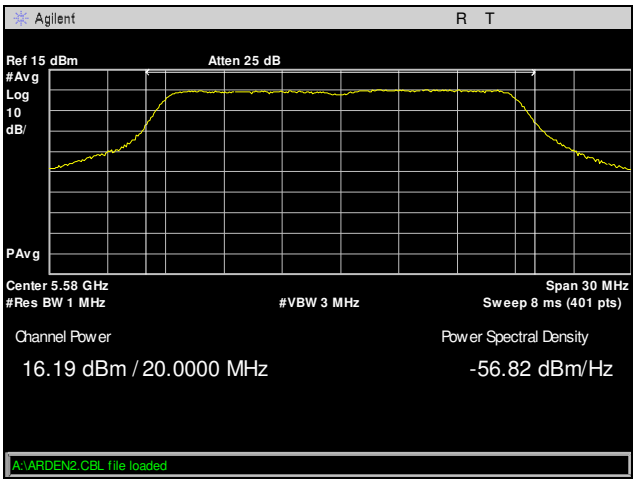
Plot 164. Conducted Output Power, 802.11n 20 MHz, 5300 MHz, Port 3, Radio 0, 4x8



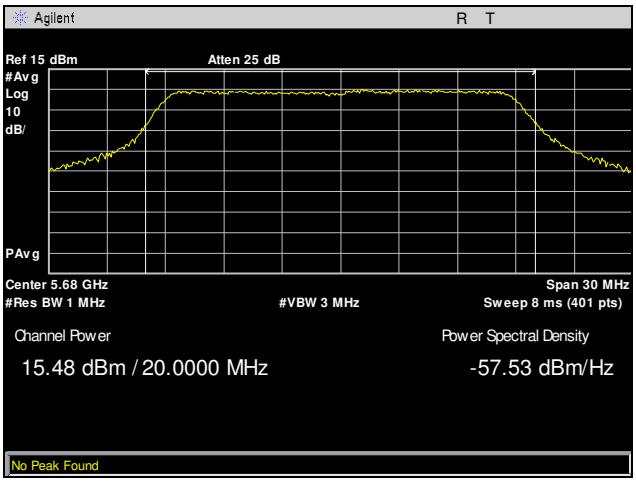
Plot 165. Conducted Output Power, 802.11n 20 MHz, 5320 MHz, Port 3, Radio 0, 4x8



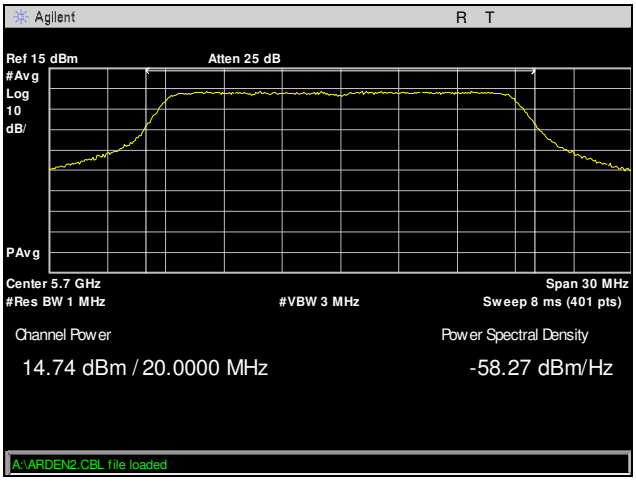
Plot 166. Conducted Output Power, 802.11n 20 MHz, 5500 MHz, Port 3, Radio 0, 4x8



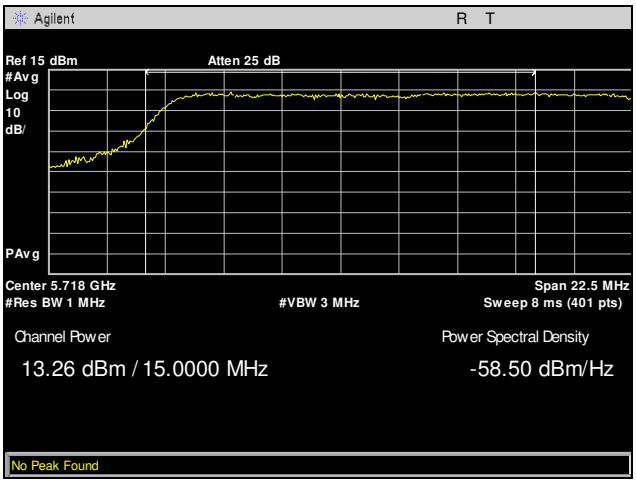
Plot 167. Conducted Output Power, 802.11n 20 MHz, 5580 MHz, Port 3, Radio 0, 4x8



Plot 168. Conducted Output Power, 802.11n 20 MHz, 5680 MHz, Port 3, Radio 0, 4x8

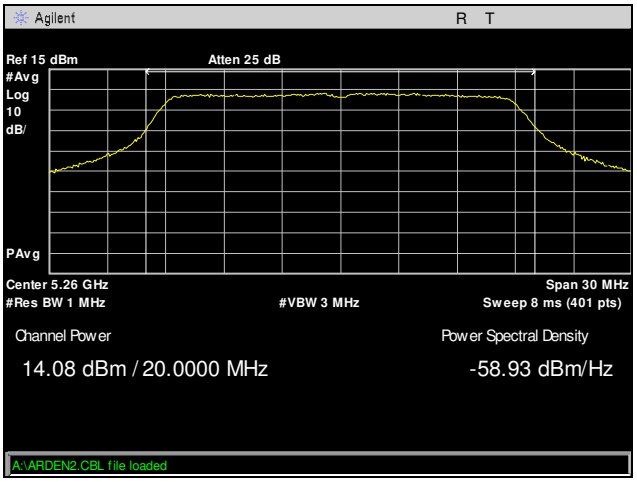


Plot 169. Conducted Output Power, 802.11n 20 MHz, 5700 MHz, Port 3, Radio 0, 4x8

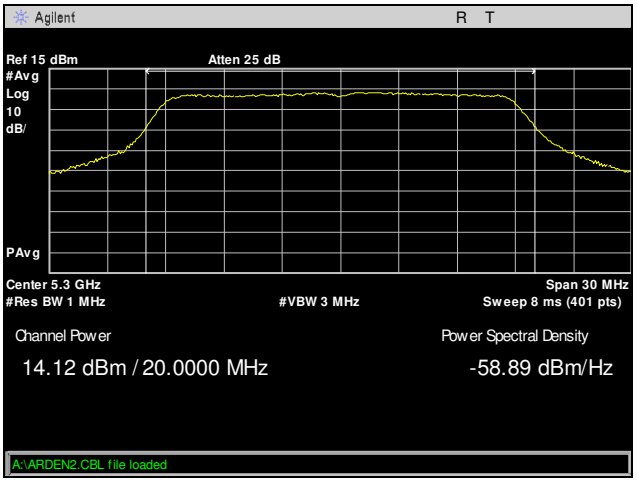


Plot 170. Conducted Output Power, 802.11n 20 MHz, 5720 MHz, Port 3, Radio 0, 4x8

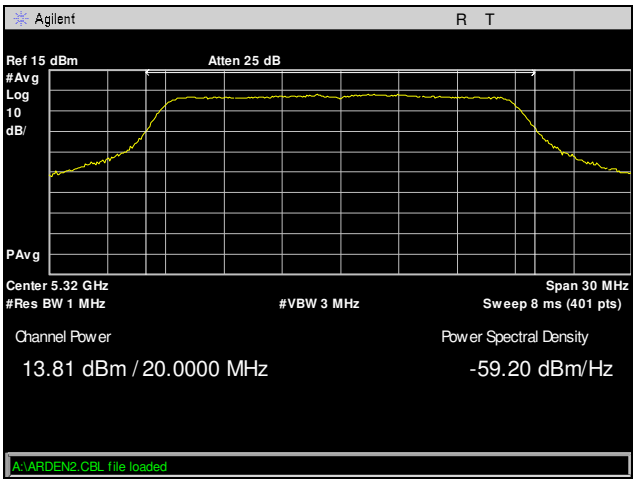
Conducted Output Power, 802.11n 20 MHz, Port 4, Radio 0, 4x8



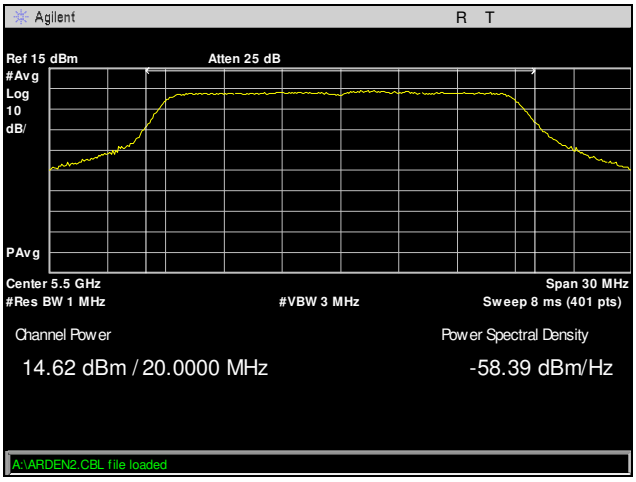
Plot 171. Conducted Output Power, 802.11n 20 MHz, 5260 MHz, Port 4, Radio 0, 4x8



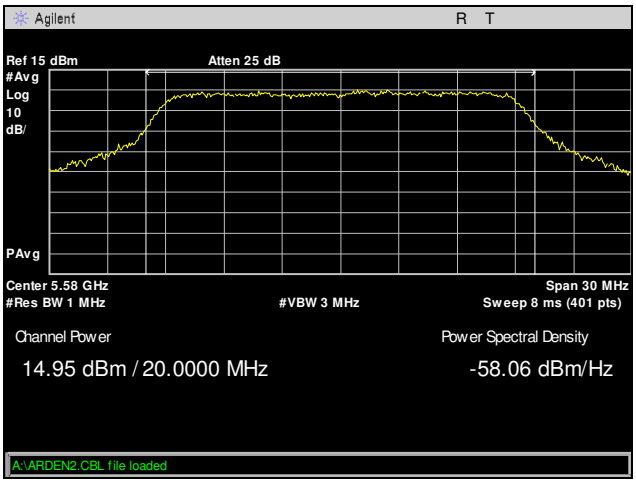
Plot 172. Conducted Output Power, 802.11n 20 MHz, 5300 MHz, Port 4, Radio 0, 4x8



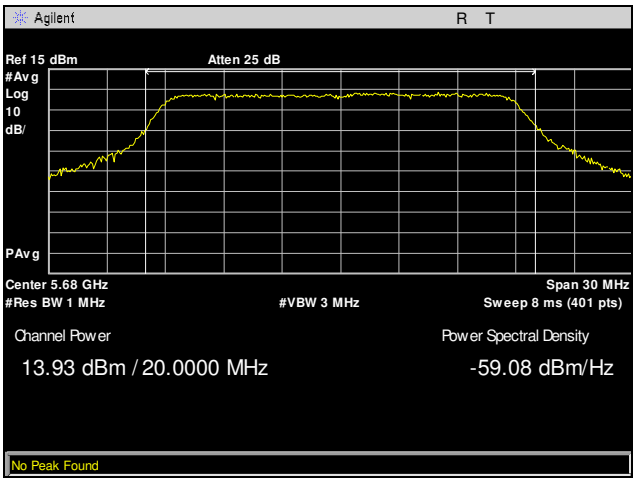
Plot 173. Conducted Output Power, 802.11n 20 MHz, 5320 MHz, Port 4, Radio 0, 4x8



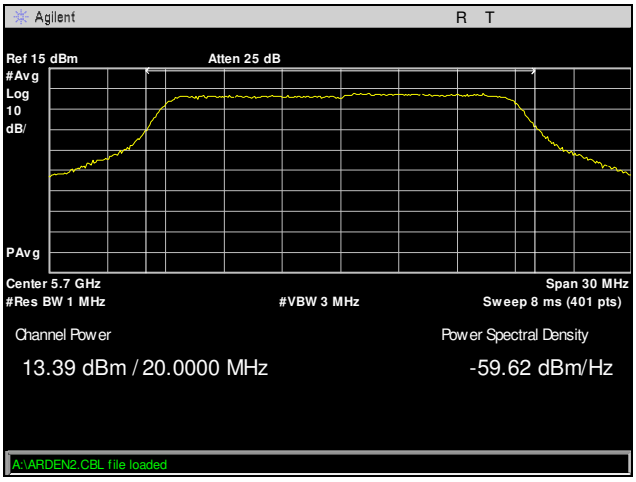
Plot 174. Conducted Output Power, 802.11n 20 MHz, 5500 MHz, Port 4, Radio 0, 4x8



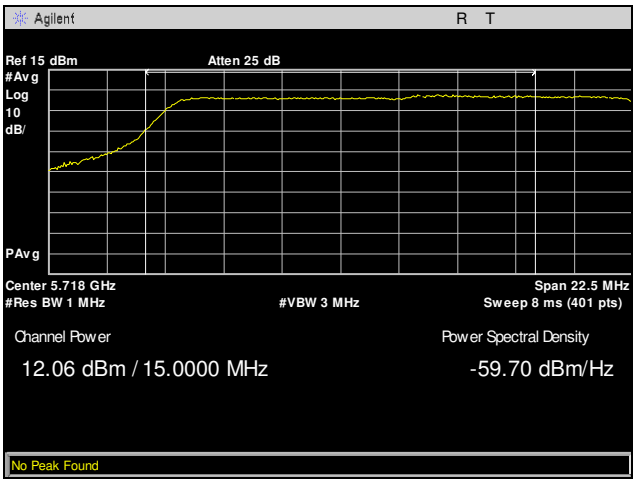
Plot 175. Conducted Output Power, 802.11n 20 MHz, 5580 MHz, Port 4, Radio 0, 4x8



Plot 176. Conducted Output Power, 802.11n 20 MHz, 5680 MHz, Port 4, Radio 0, 4x8

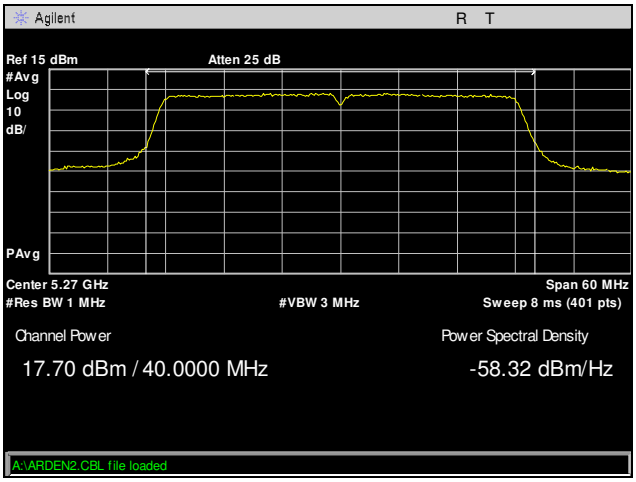


Plot 177. Conducted Output Power, 802.11n 20 MHz, 5700 MHz, Port 4, Radio 0, 4x8

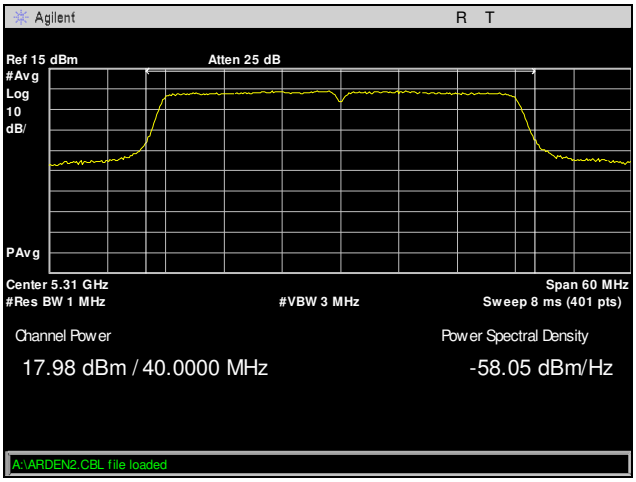


Plot 178. Conducted Output Power, 802.11n 20 MHz, 5720 MHz, Port 4, Radio 0, 4x8

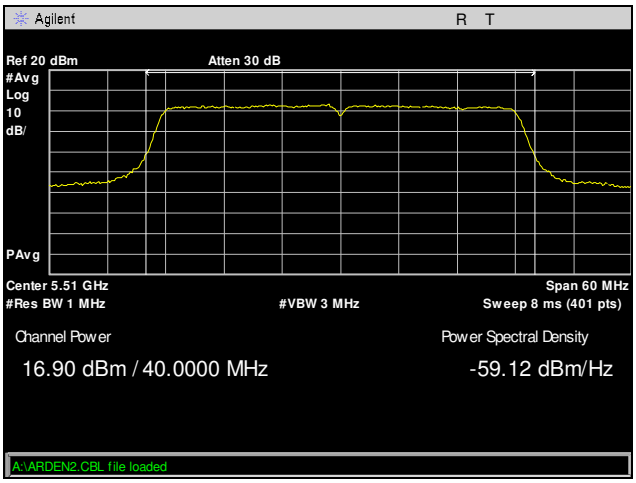
Conducted Output Power, 802.11n 40 MHz, Port 1, Radio 0, 4x8



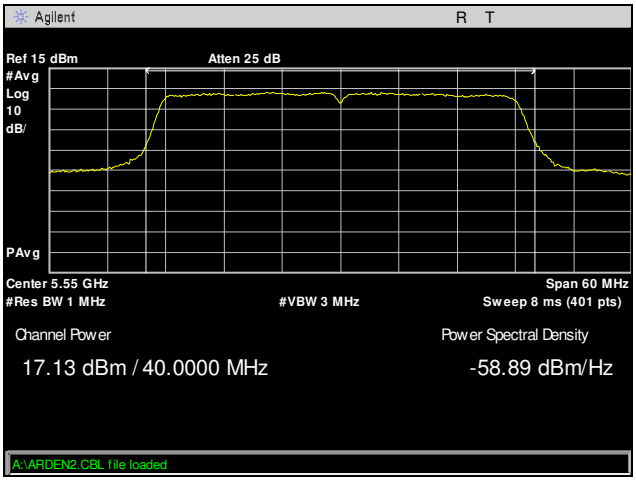
Plot 179. Conducted Output Power, 802.11n 40 MHz, 5270 MHz, Port 1, Radio 0, 4x8



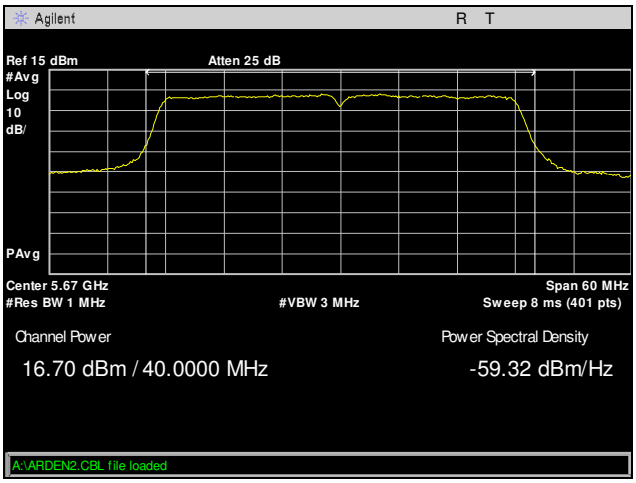
Plot 180. Conducted Output Power, 802.11n 40 MHz, 5310 MHz, Port 1, Radio 0, 4x8



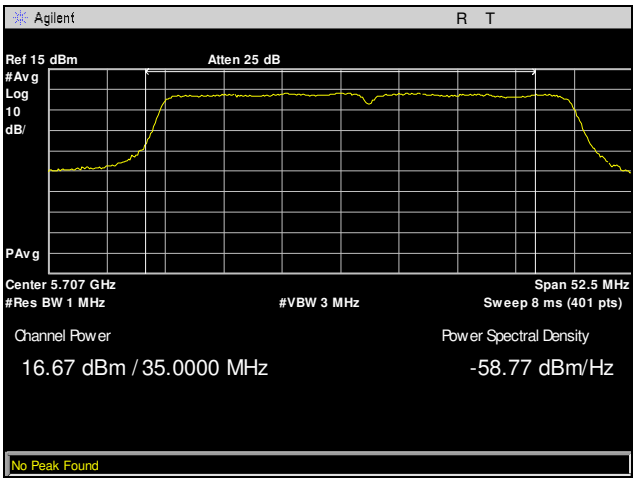
Plot 181. Conducted Output Power, 802.11n 40 MHz, 5510 MHz, Port 1, Radio 0, 4x8



Plot 182. Conducted Output Power, 802.11n 40 MHz, 5550 MHz, Port 1, Radio 0, 4x8

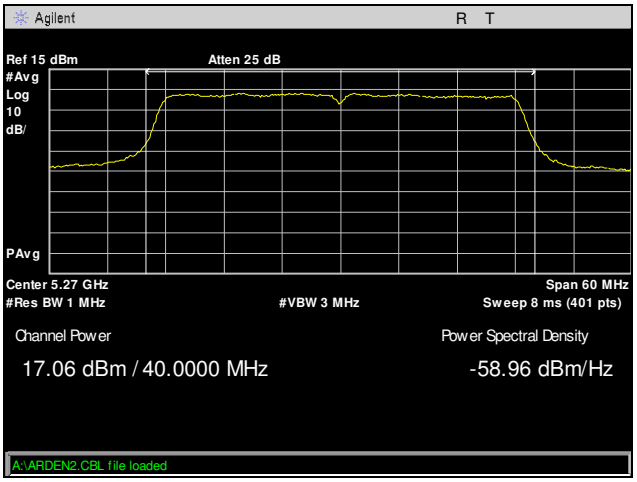


Plot 183. Conducted Output Power, 802.11n 40 MHz, 5670 MHz, Port 1, Radio 0, 4x8

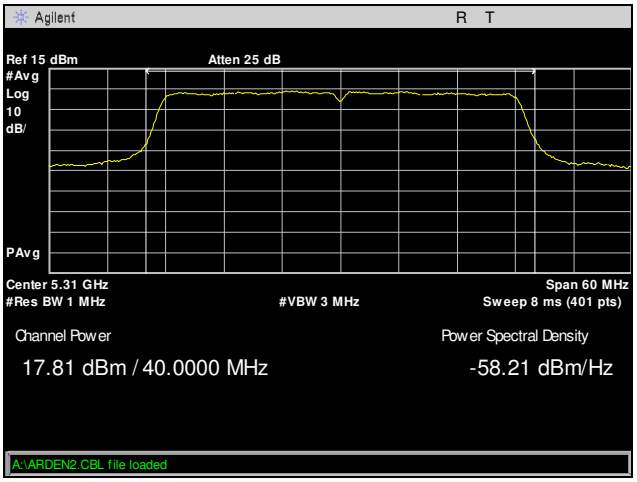


Plot 184. Conducted Output Power, 802.11n 40 MHz, 5710 MHz, Port 1, Radio 0, 4x8

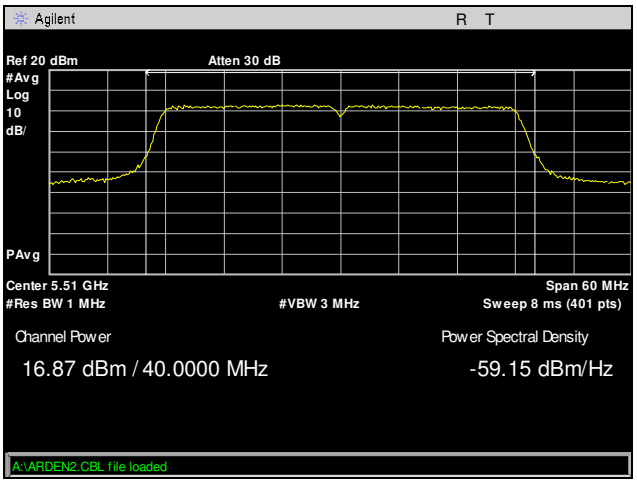
Conducted Output Power, 802.11n 40 MHz, Port 2, Radio 0, 4x8



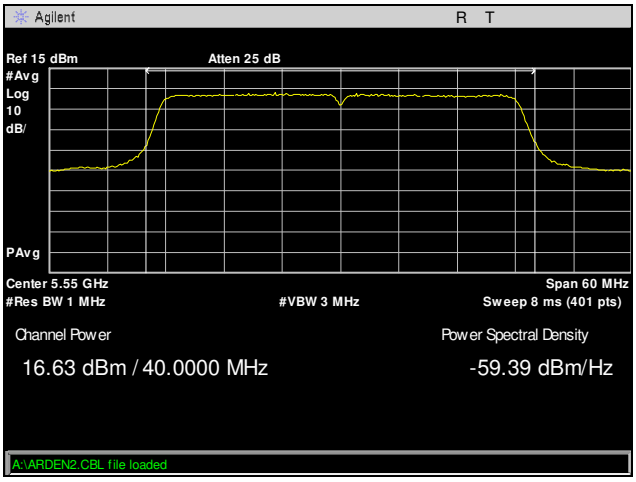
Plot 185. Conducted Output Power, 802.11n 40 MHz, 5270 MHz, Port 2, Radio 0, 4x8



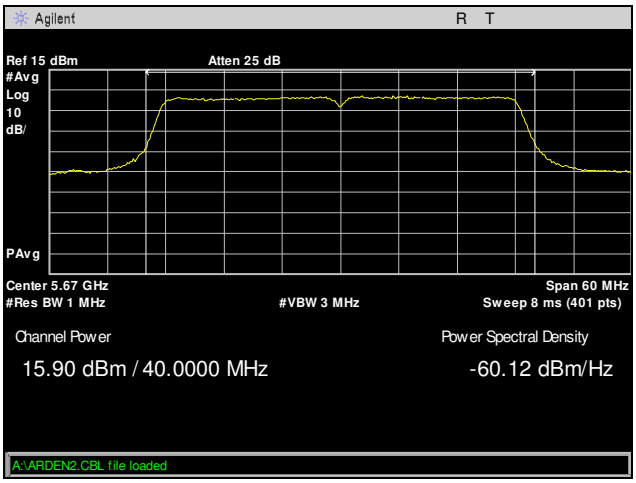
Plot 186. Conducted Output Power, 802.11n 40 MHz, 5310 MHz, Port 2, Radio 0, 4x8



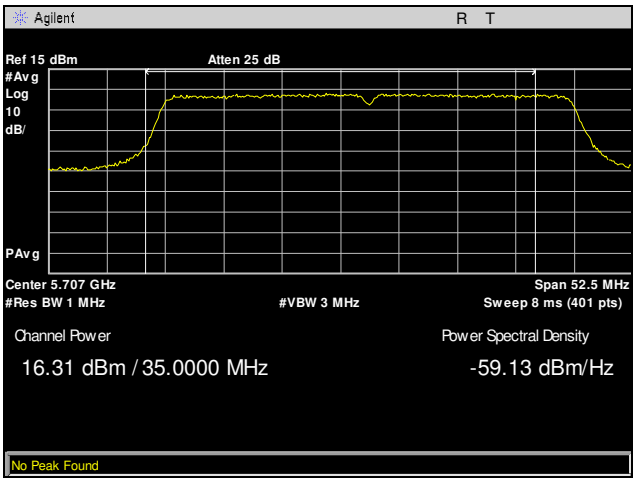
Plot 187. Conducted Output Power, 802.11n 40 MHz, 5510 MHz, Port 2, Radio 0, 4x8



Plot 188. Conducted Output Power, 802.11n 40 MHz, 5550 MHz, Port 2, Radio 0, 4x8

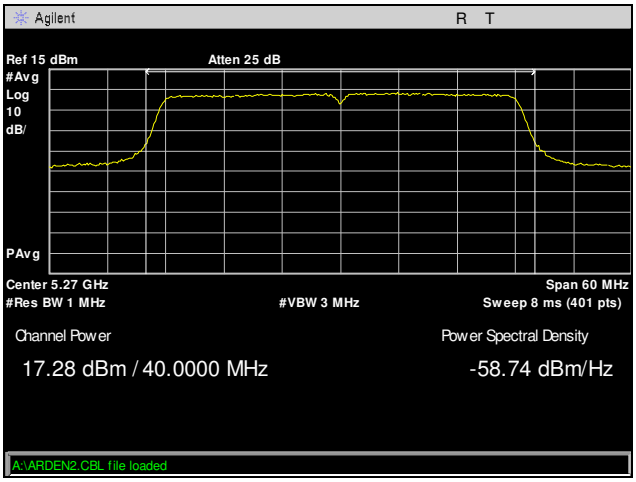


Plot 189. Conducted Output Power, 802.11n 40 MHz, 5670 MHz, Port 2, Radio 0, 4x8

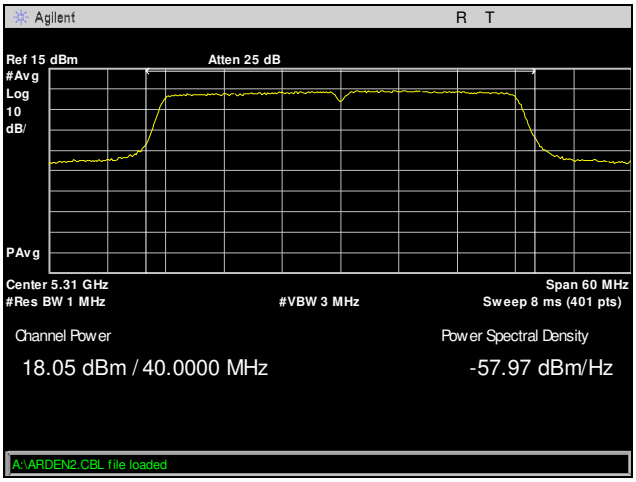


Plot 190. Conducted Output Power, 802.11n 40 MHz, 5710 MHz, Port 2, Radio 0, 4x8

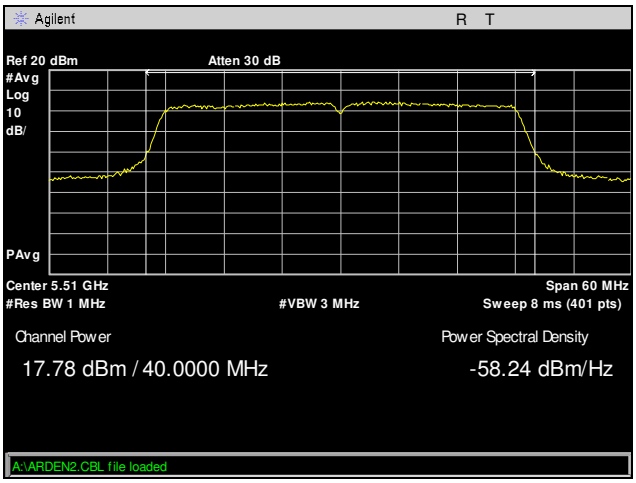
Conducted Output Power, 802.11n 40 MHz, Port 3, Radio 0, 4x8



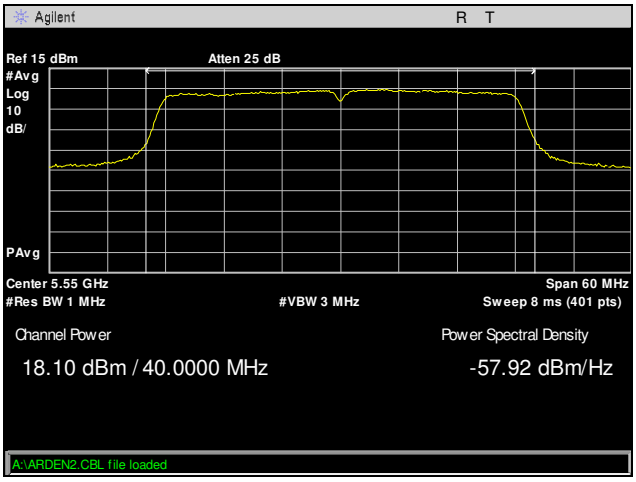
Plot 191. Conducted Output Power, 802.11n 40 MHz, 5270 MHz, Port 3, Radio 0, 4x8



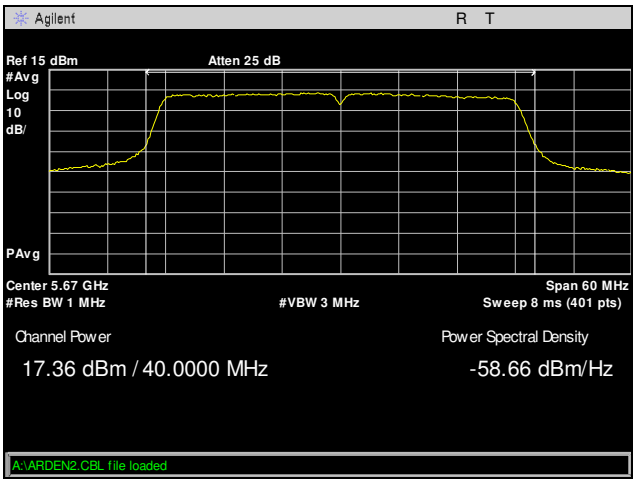
Plot 192. Conducted Output Power, 802.11n 40 MHz, 5310 MHz, Port 3, Radio 0, 4x8



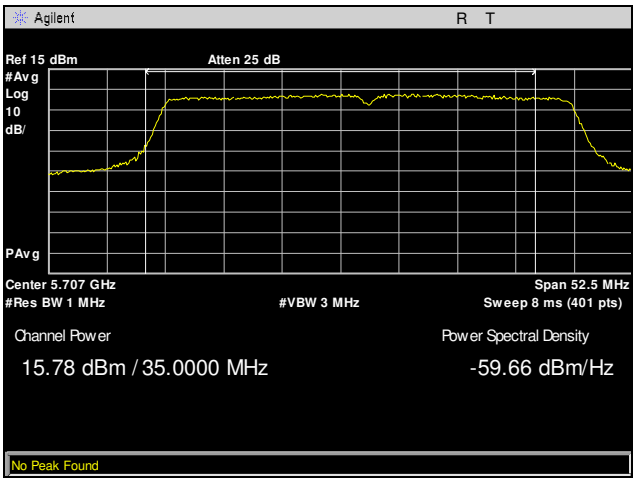
Plot 193. Conducted Output Power, 802.11n 40 MHz, 5510 MHz, Port 3, Radio 0, 4x8



Plot 194. Conducted Output Power, 802.11n 40 MHz, 5550 MHz, Port 3, Radio 0, 4x8

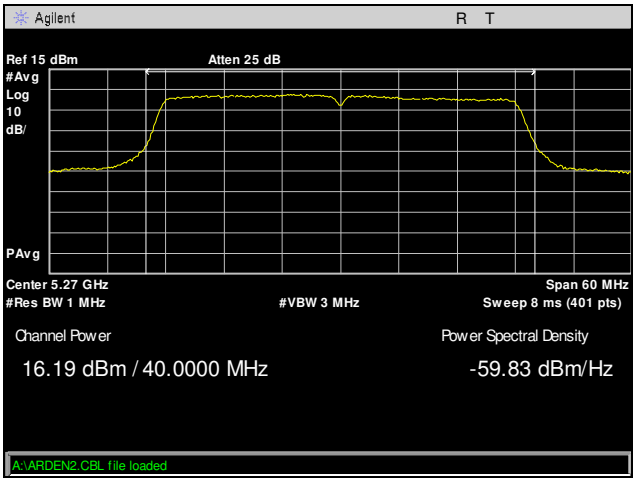


Plot 195. Conducted Output Power, 802.11n 40 MHz, 5670 MHz, Port 3, Radio 0, 4x8

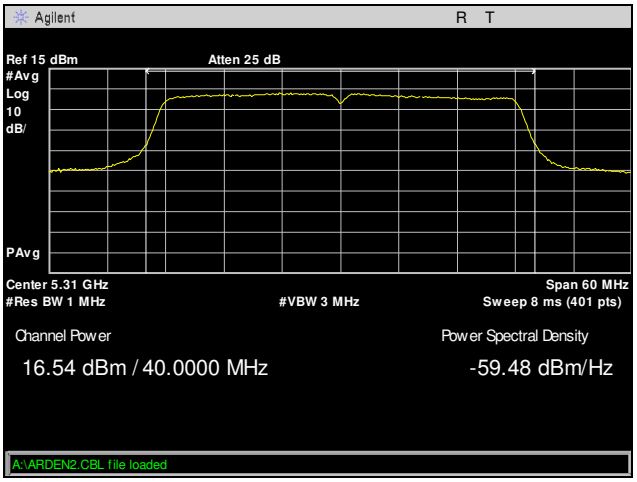


Plot 196. Conducted Output Power, 802.11n 40 MHz, 5710 MHz, Port 3, Radio 0, 4x8

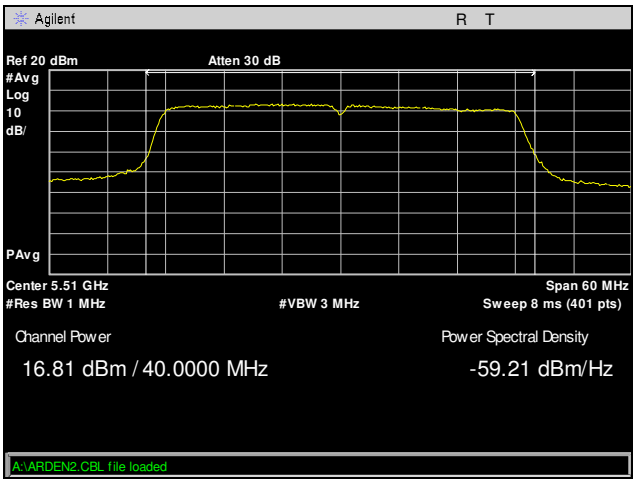
Conducted Output Power, 802.11n 40 MHz, Port 4, Radio 0, 4x8



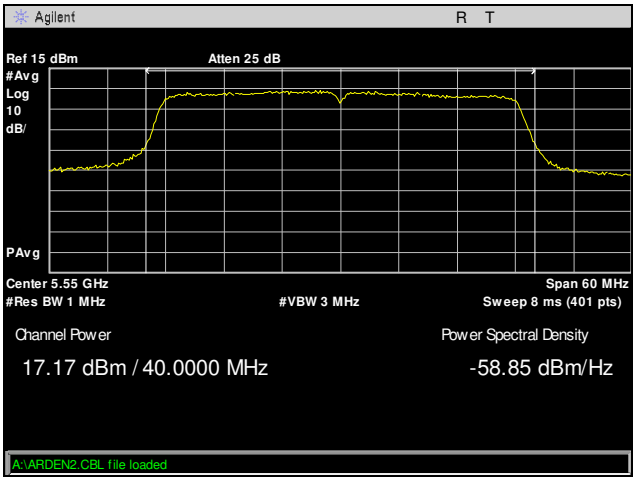
Plot 197. Conducted Output Power, 802.11n 40 MHz, 5270 MHz, Port 4, Radio 0, 4x8



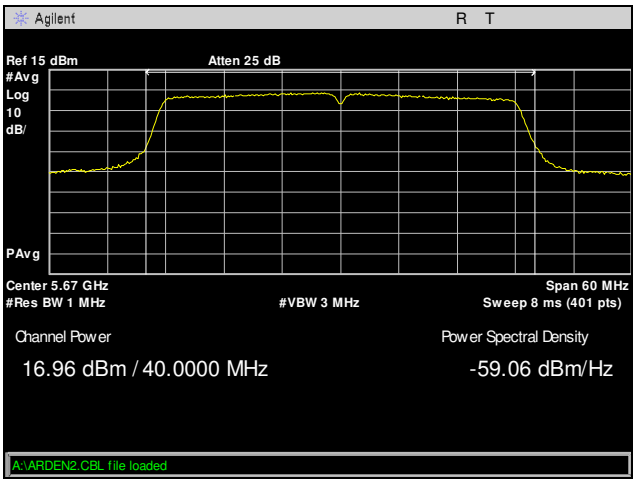
Plot 198. Conducted Output Power, 802.11n 40 MHz, 5310 MHz, Port 4, Radio 0, 4x8



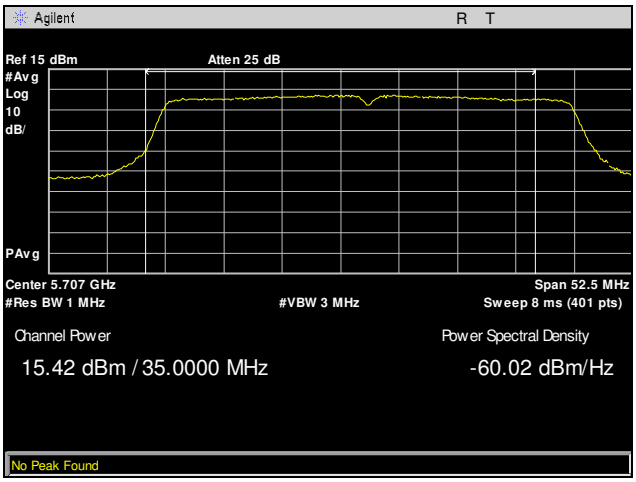
Plot 199. Conducted Output Power, 802.11n 40 MHz, 5510 MHz, Port 4, Radio 0, 4x8



Plot 200. Conducted Output Power, 802.11n 40 MHz, 5550 MHz, Port 4, Radio 0, 4x8

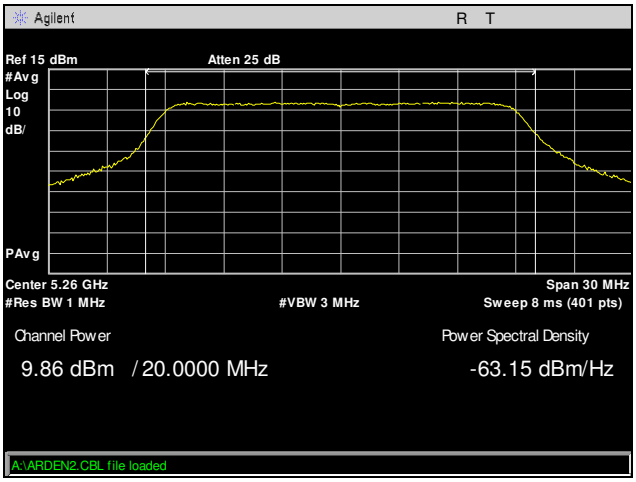


Plot 201. Conducted Output Power, 802.11n 40 MHz, 5670 MHz, Port 4, Radio 0, 4x8

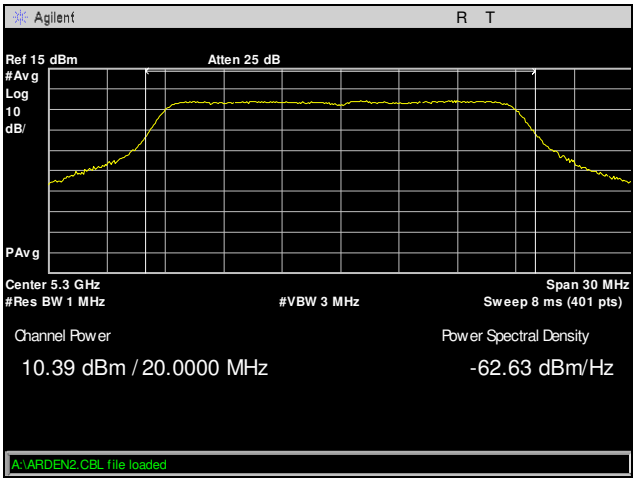


Plot 202. Conducted Output Power, 802.11n 40 MHz, 5710 MHz, Port 4, Radio 0, 4x8

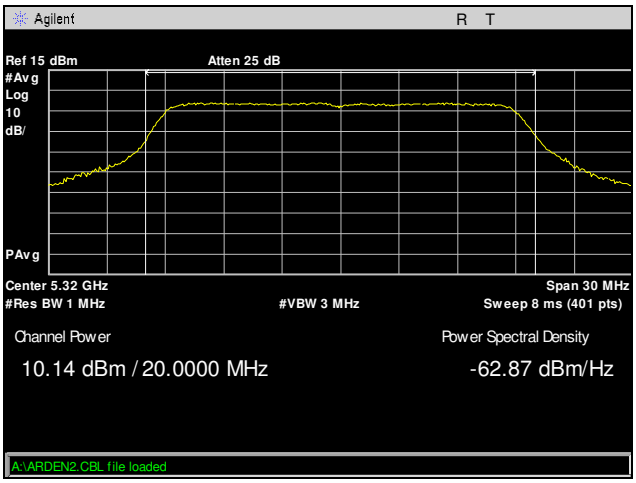
Conducted Output Power, 802.11a, Port 1, Radio 0, 8x8



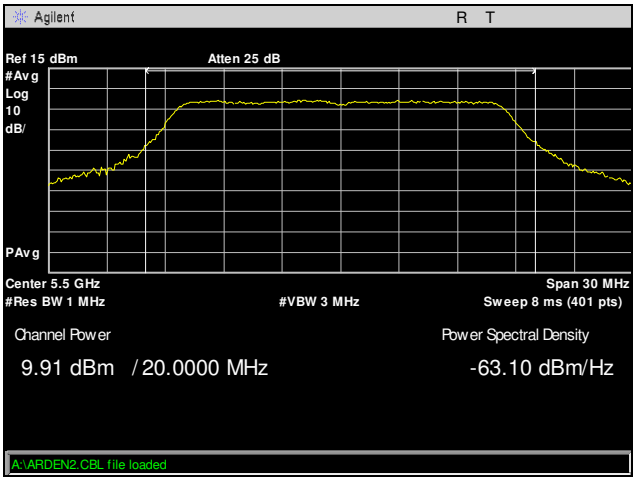
Plot 203. Conducted Output Power, 802.11a, 5260 MHz, Port 1, Radio 0, 8x8



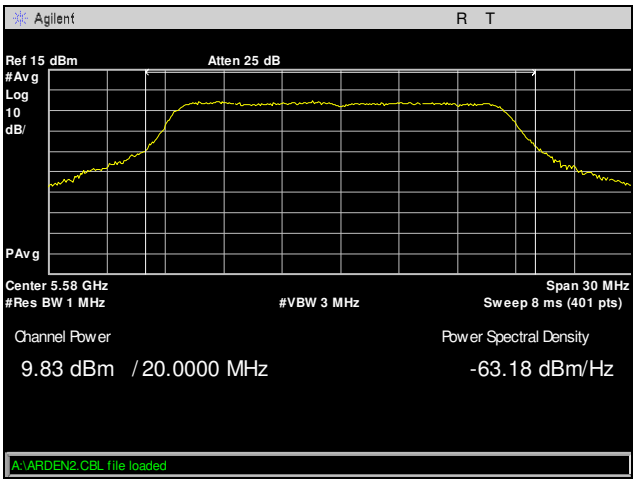
Plot 204. Conducted Output Power, 802.11a, 5300 MHz, Port 1, Radio 0, 8x8



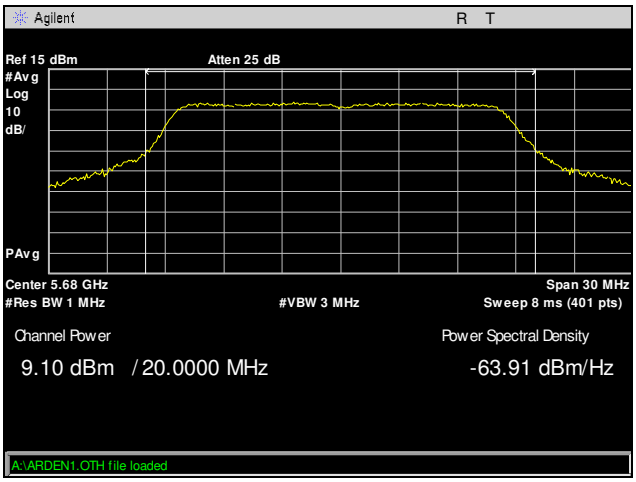
Plot 205. Conducted Output Power, 802.11a, 5320 MHz, Port 1, Radio 0, 8x8



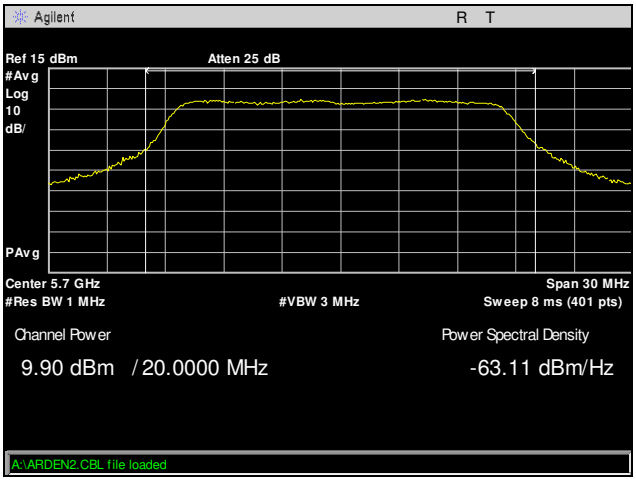
Plot 206. Conducted Output Power, 802.11a, 5500 MHz, Port 1, Radio 0, 8x8



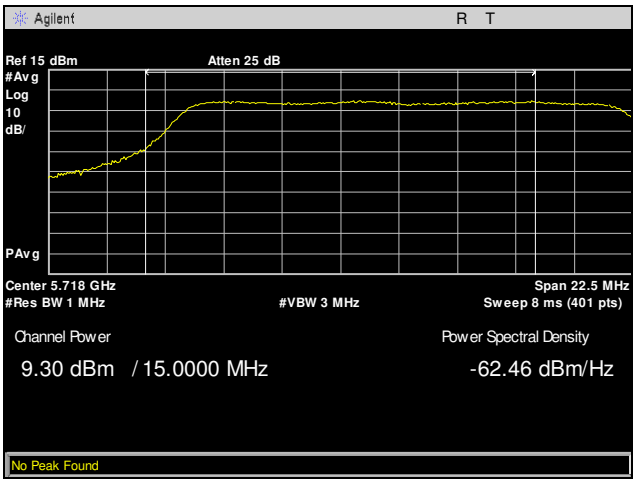
Plot 207. Conducted Output Power, 802.11a, 5580 MHz, Port 1, Radio 0, 8x8



Plot 208. Conducted Output Power, 802.11a, 5680 MHz, Port 1, Radio 0, 8x8

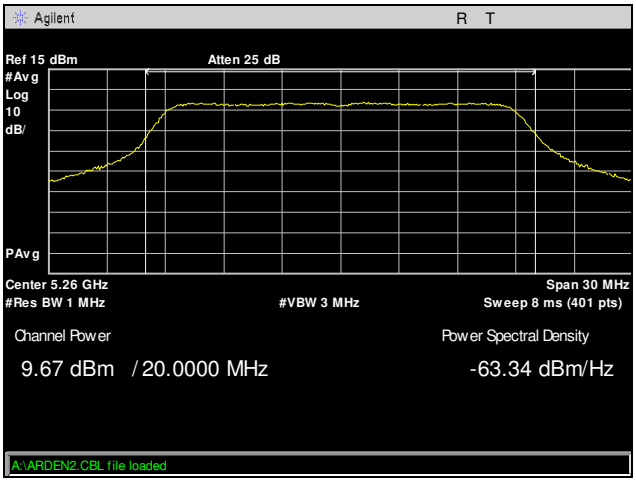


Plot 209. Conducted Output Power, 802.11a, 5700 MHz, Port 1, Radio 0, 8x8

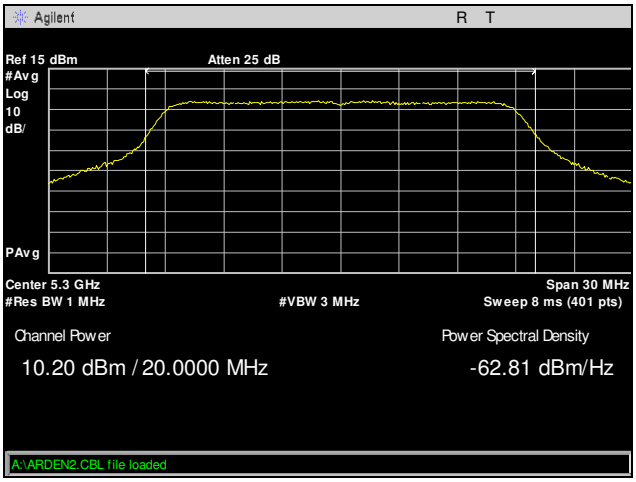


Plot 210. Conducted Output Power, 802.11a, 5720 MHz, Port 1, Radio 0, 8x8

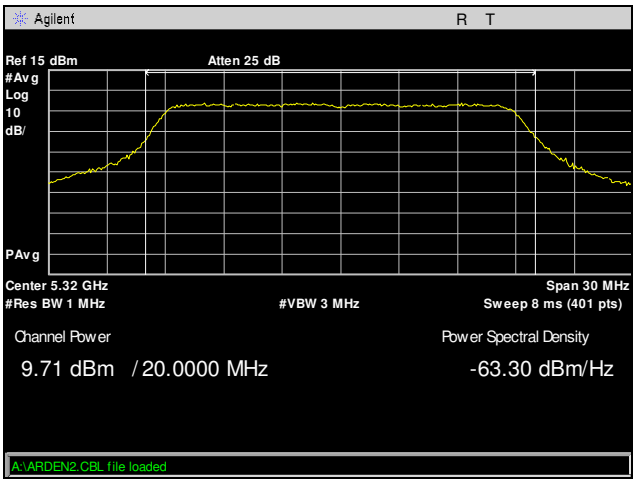
Conducted Output Power, 802.11a, Port 2, Radio 0, 8x8



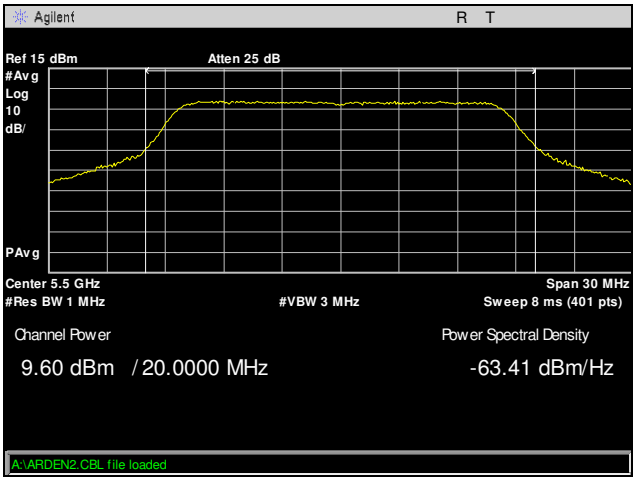
Plot 211. Conducted Output Power, 802.11a, 5260 MHz, Port 2, Radio 0, 8x8



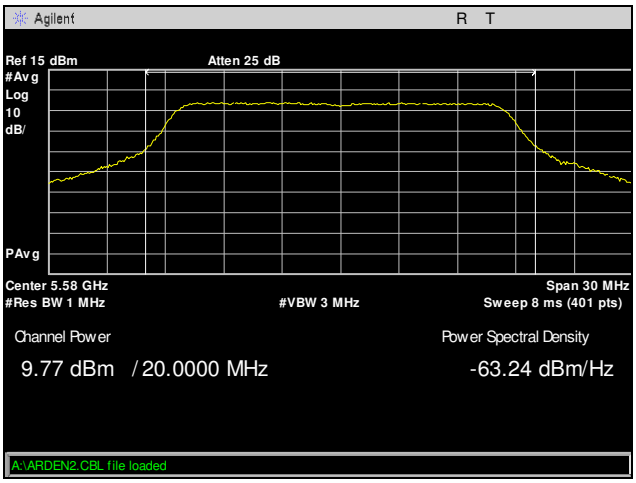
Plot 212. Conducted Output Power, 802.11a, 5300 MHz, Port 2, Radio 0, 8x8



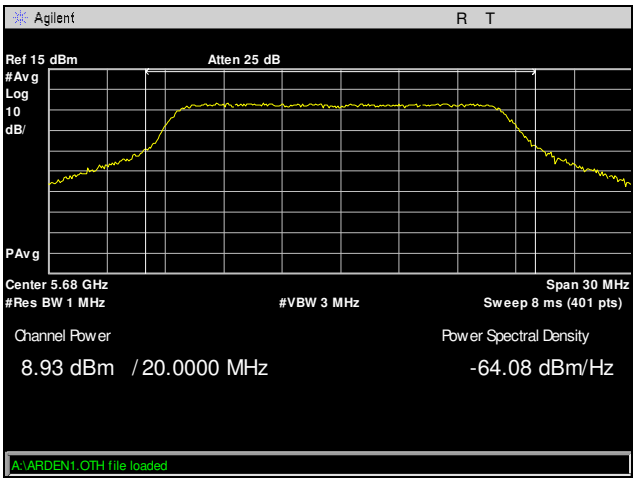
Plot 213. Conducted Output Power, 802.11a, 5320 MHz, Port 2, Radio 0, 8x8



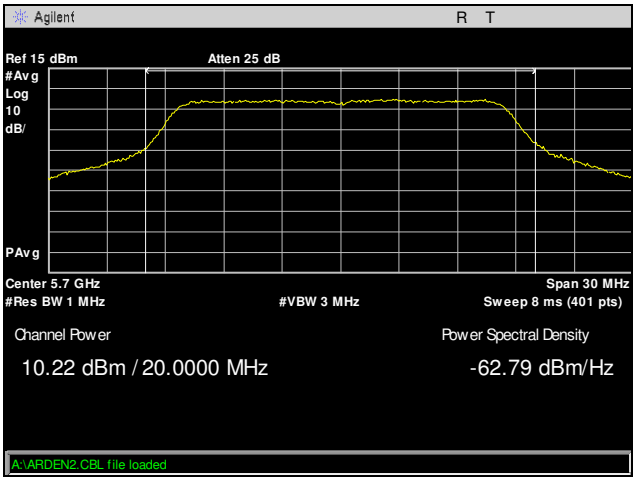
Plot 214. Conducted Output Power, 802.11a, 5500 MHz, Port 2, Radio 0, 8x8



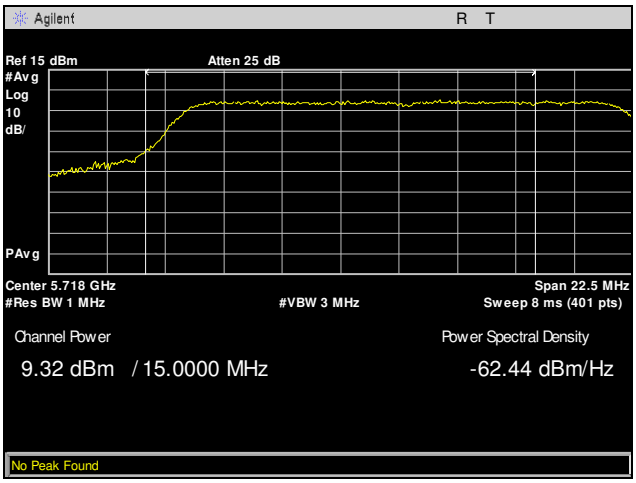
Plot 215. Conducted Output Power, 802.11a, 5580 MHz, Port 2, Radio 0, 8x8



Plot 216. Conducted Output Power, 802.11a, 5680 MHz, Port 2, Radio 0, 8x8

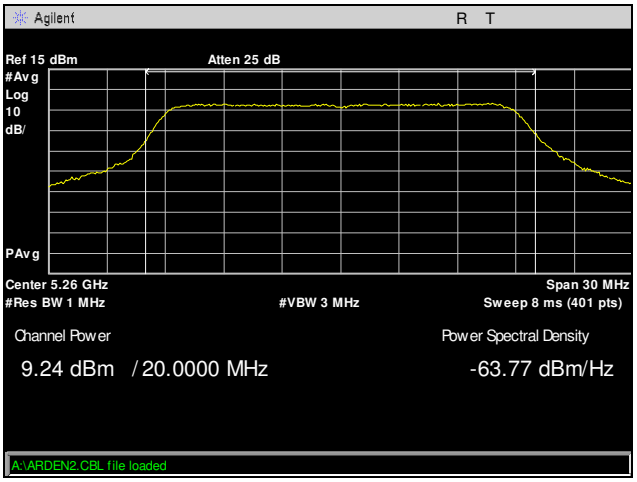


Plot 217. Conducted Output Power, 802.11a, 5700 MHz, Port 2, Radio 0, 8x8

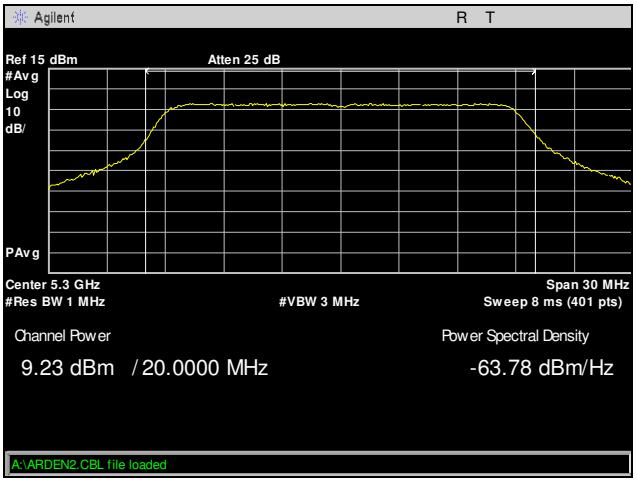


Plot 218. Conducted Output Power, 802.11a, 5720 MHz, Port 2, Radio 0, 8x8

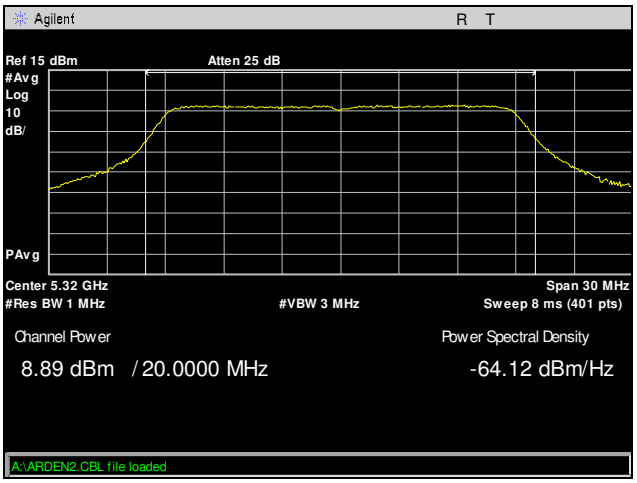
Conducted Output Power, 802.11a, Port 3, Radio 0, 8x8



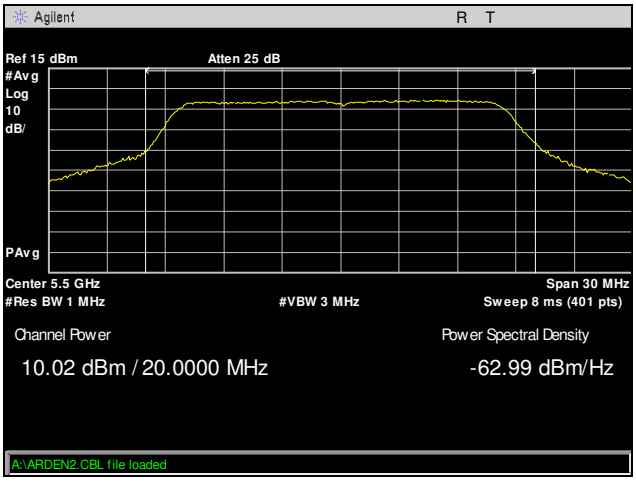
Plot 219. Conducted Output Power, 802.11a, 5260 MHz, Port 3, Radio 0, 8x8



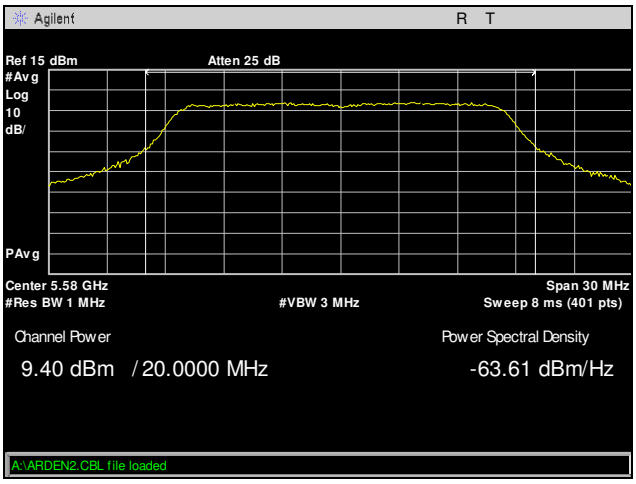
Plot 220. Conducted Output Power, 802.11a, 5300 MHz, Port 3, Radio 0, 8x8



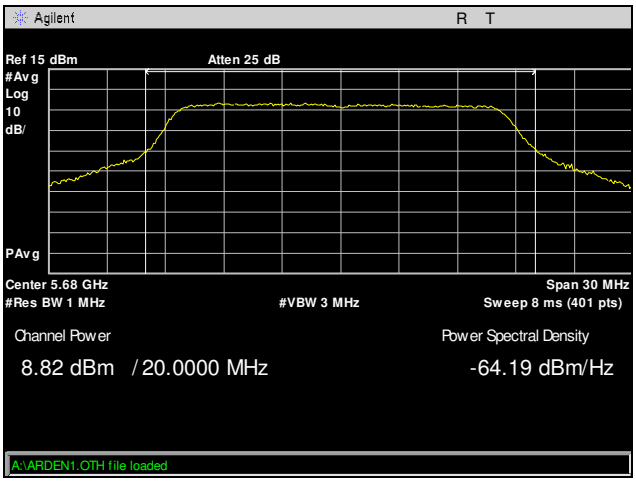
Plot 221. Conducted Output Power, 802.11a, 5320 MHz, Port 3, Radio 0, 8x8



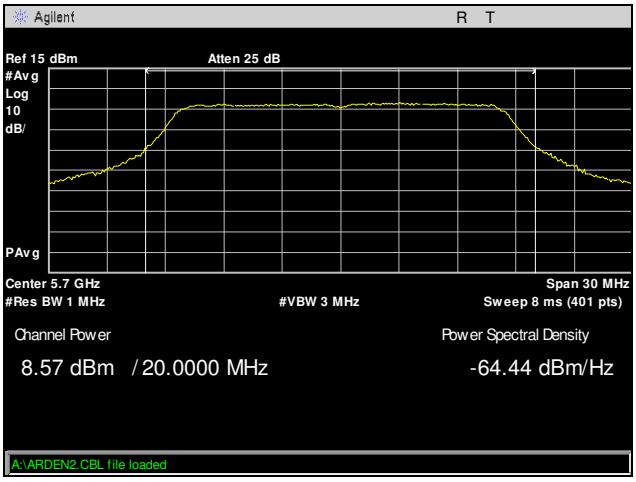
Plot 222. Conducted Output Power, 802.11a, 5500 MHz, Port 3, Radio 0, 8x8



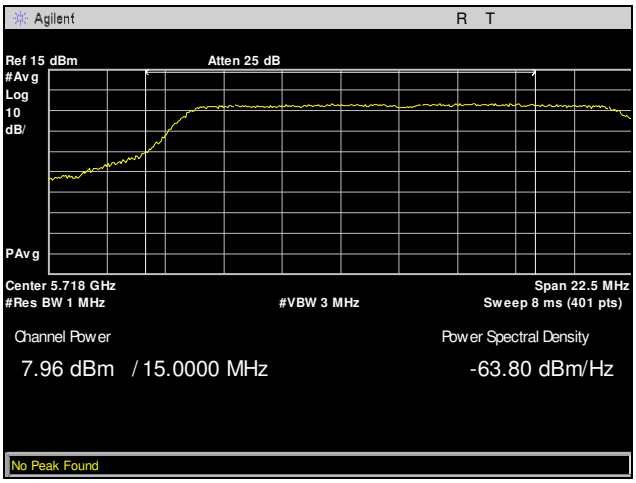
Plot 223. Conducted Output Power, 802.11a, 5580 MHz, Port 3, Radio 0, 8x8



Plot 224. Conducted Output Power, 802.11a, 5680 MHz, Port 3, Radio 0, 8x8

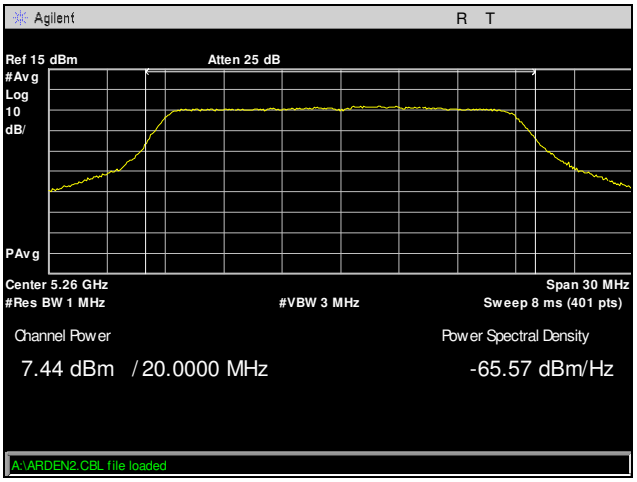


Plot 225. Conducted Output Power, 802.11a, 5700 MHz, Port 3, Radio 0, 8x8

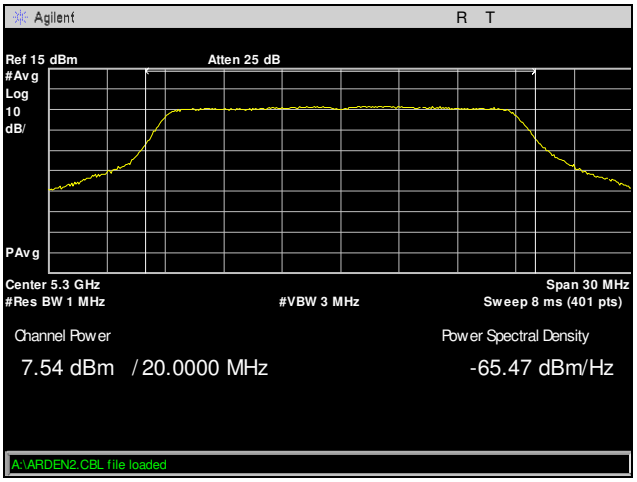


Plot 226. Conducted Output Power, 802.11a, 5720 MHz, Port 3, Radio 0, 8x8

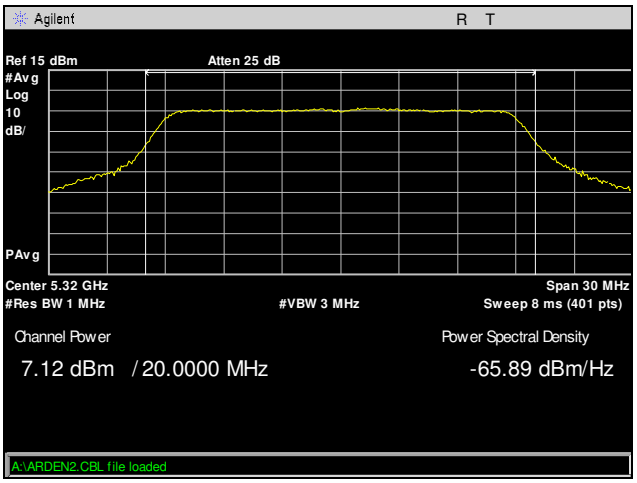
Conducted Output Power, 802.11a, Port 4, Radio 0, 8x8



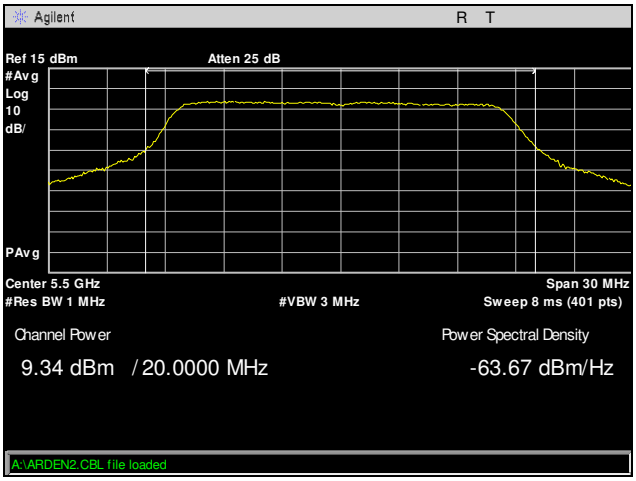
Plot 227. Conducted Output Power, 802.11a, 5260 MHz, Port 4, Radio 0, 8x8



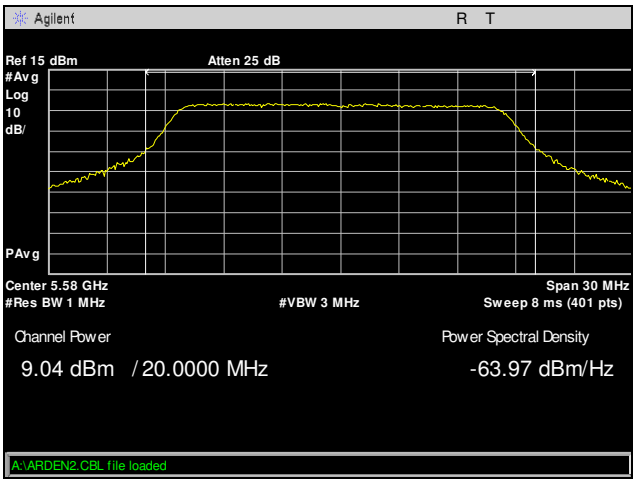
Plot 228. Conducted Output Power, 802.11a, 5300 MHz, Port 4, Radio 0, 8x8



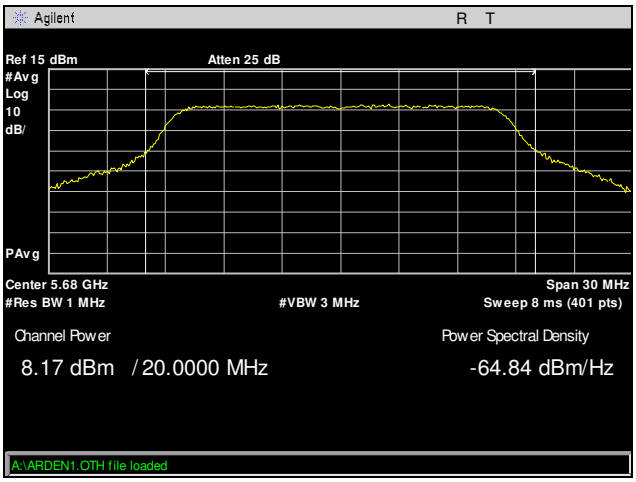
Plot 229. Conducted Output Power, 802.11a, 5320 MHz, Port 4, Radio 0, 8x8



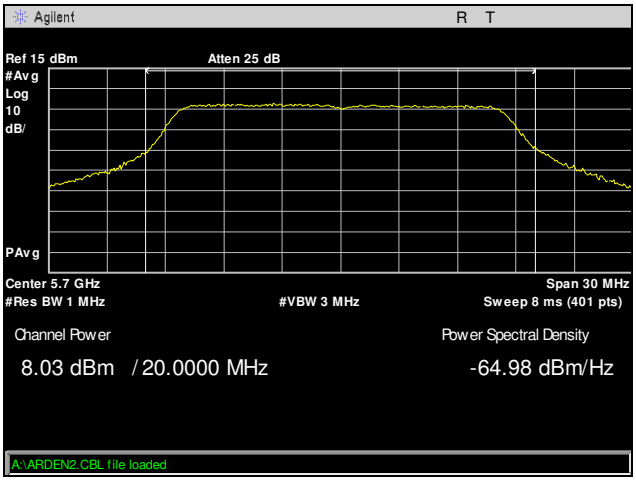
Plot 230. Conducted Output Power, 802.11a, 5500 MHz, Port 4, Radio 0, 8x8



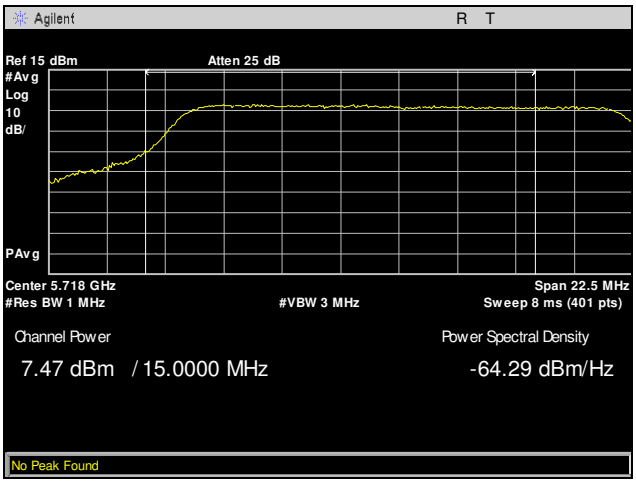
Plot 231. Conducted Output Power, 802.11a, 5580 MHz, Port 4, Radio 0, 8x8



Plot 232. Conducted Output Power, 802.11a, 5680 MHz, Port 4, Radio 0, 8x8

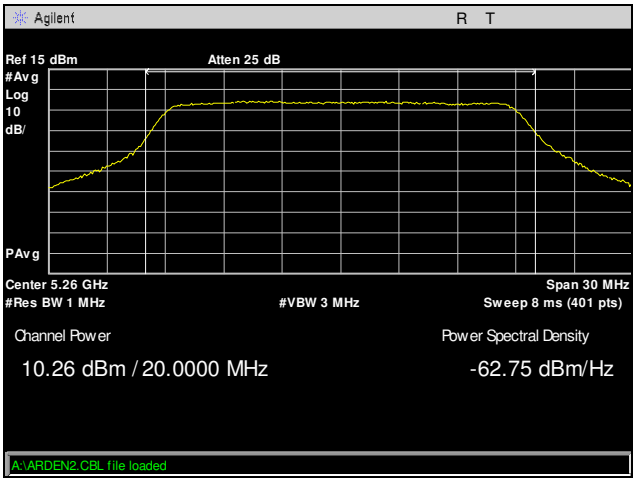


Plot 233. Conducted Output Power, 802.11a, 5700 MHz, Port 4, Radio 0, 8x8

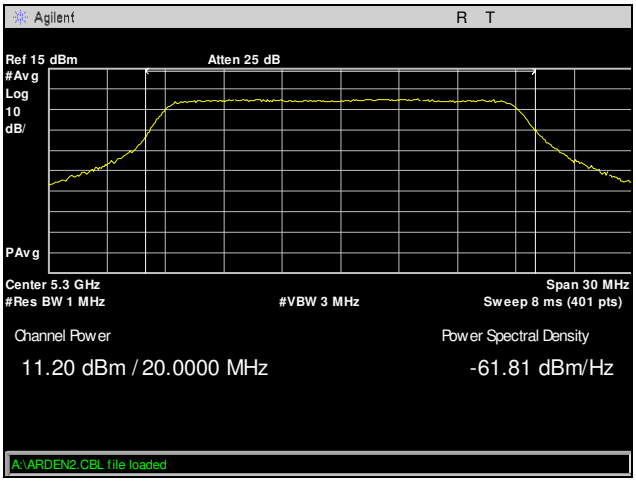


Plot 234. Conducted Output Power, 802.11a, 5720 MHz, Port 4, Radio 0, 8x8

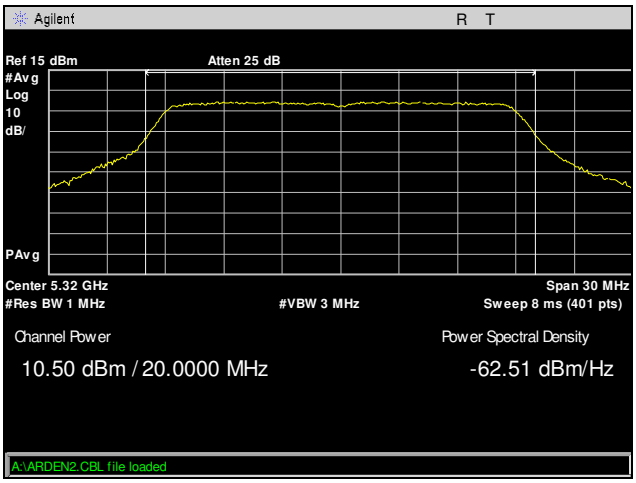
Conducted Output Power, 802.11a, Port 5, Radio 1, 8x8



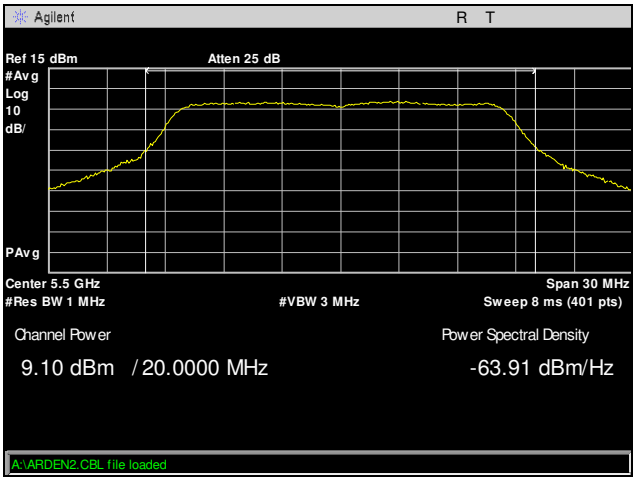
Plot 235. Conducted Output Power, 802.11a, 5260 MHz, Port 5, Radio 1, 8x8



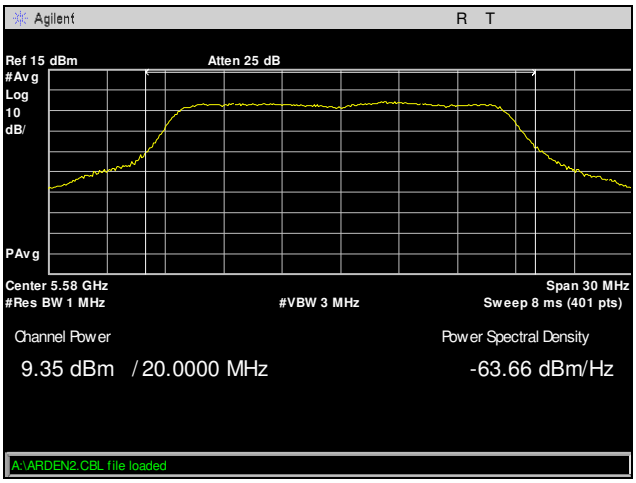
Plot 236. Conducted Output Power, 802.11a, 5300 MHz, Port 5, Radio 1, 8x8



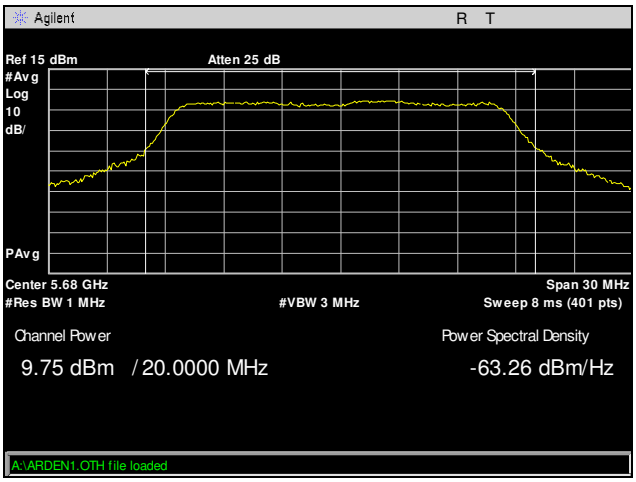
Plot 237. Conducted Output Power, 802.11a, 5320 MHz, Port 5, Radio 1, 8x8



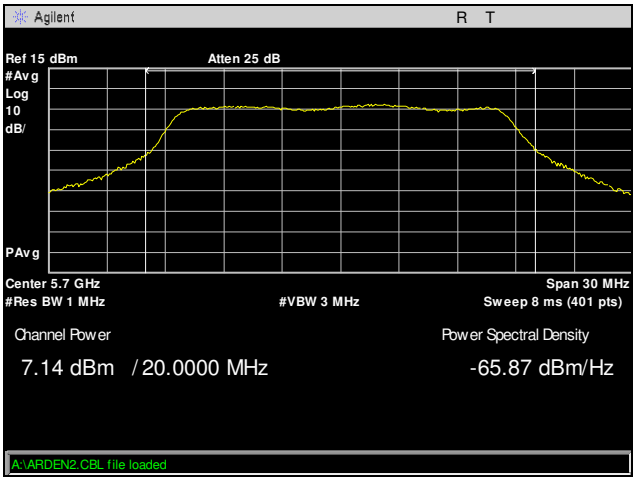
Plot 238. Conducted Output Power, 802.11a, 5500 MHz, Port 5, Radio 1, 8x8



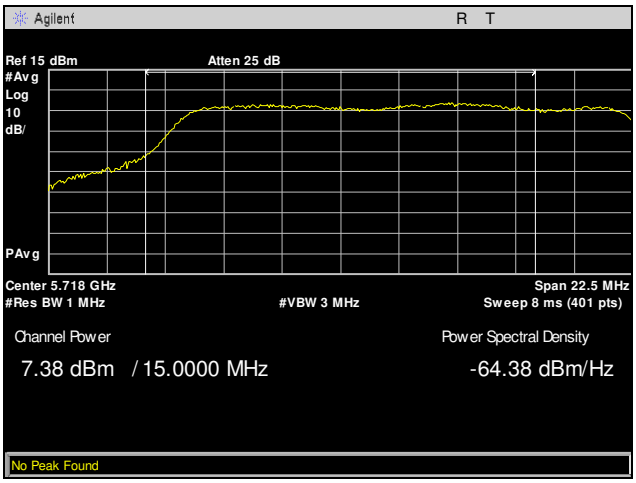
Plot 239. Conducted Output Power, 802.11a, 5580 MHz, Port 5, Radio 1, 8x8



Plot 240. Conducted Output Power, 802.11a, 5680 MHz, Port 5, Radio 1, 8x8

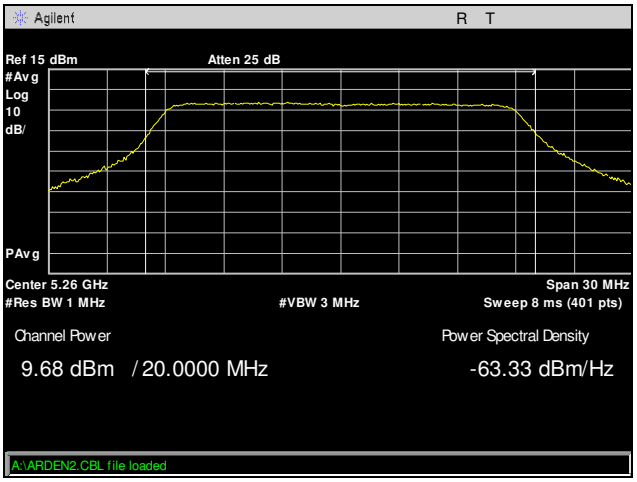


Plot 241. Conducted Output Power, 802.11a, 5700 MHz, Port 5, Radio 1, 8x8

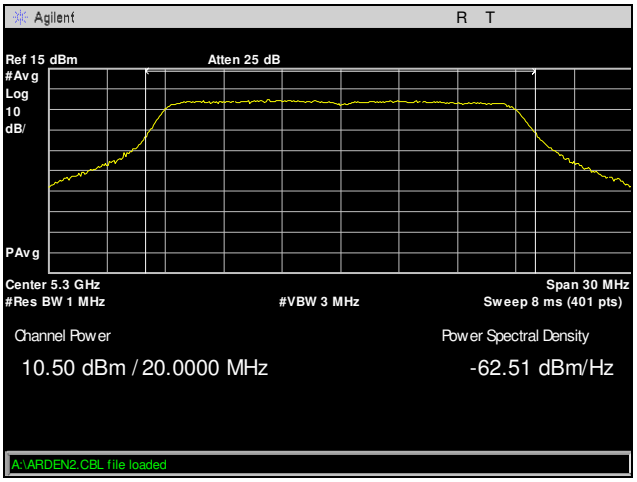


Plot 242. Conducted Output Power, 802.11a, 5720 MHz, Port 5, Radio 1, 8x8

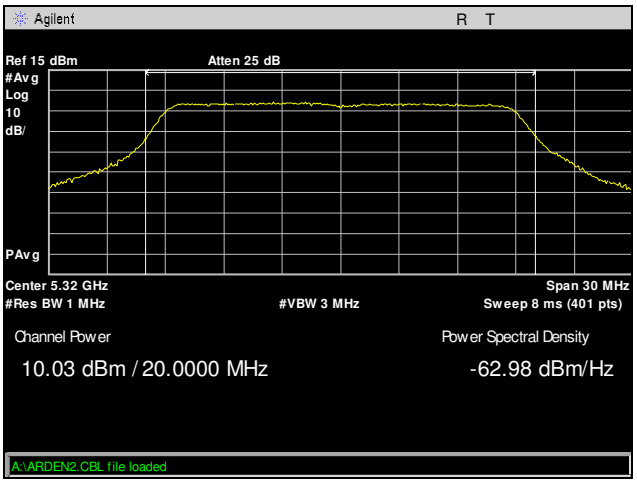
Conducted Output Power, 802.11a, Port 6, Radio 1, 8x8



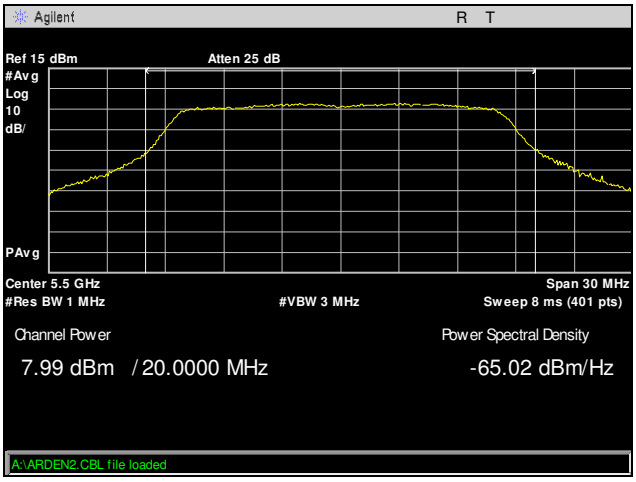
Plot 243. Conducted Output Power, 802.11a, 5260 MHz, Port 6, Radio 1, 8x8



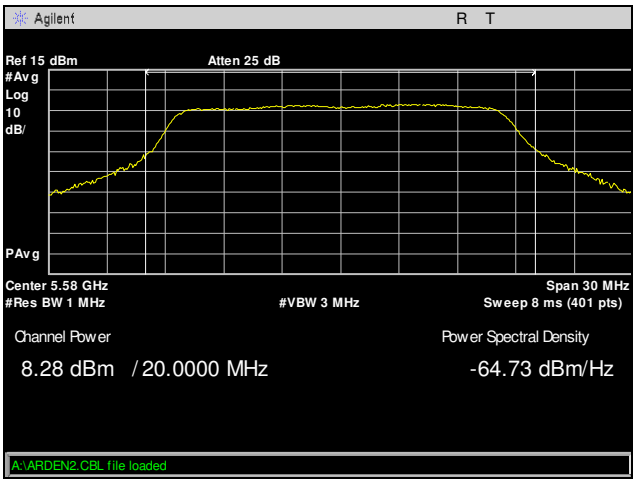
Plot 244. Conducted Output Power, 802.11a, 5300 MHz, Port 6, Radio 1, 8x8



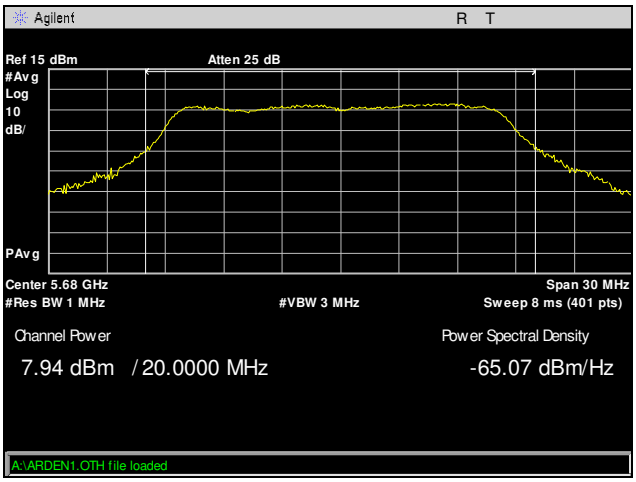
Plot 245. Conducted Output Power, 802.11a, 5320 MHz, Port 6, Radio 1, 8x8



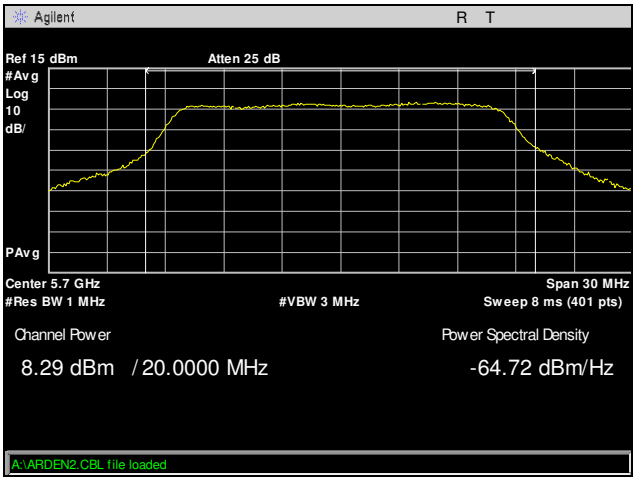
Plot 246. Conducted Output Power, 802.11a, 5500 MHz, Port 6, Radio 1, 8x8



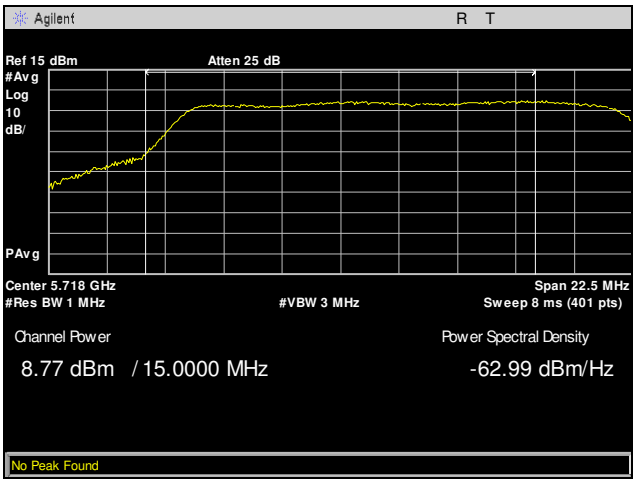
Plot 247. Conducted Output Power, 802.11a, 5580 MHz, Port 6, Radio 1, 8x8



Plot 248. Conducted Output Power, 802.11a, 5680 MHz, Port 6, Radio 1, 8x8

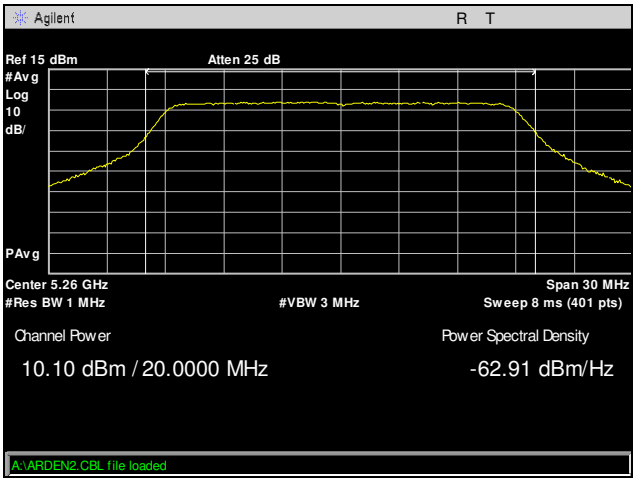


Plot 249. Conducted Output Power, 802.11a, 5700 MHz, Port 6, Radio 1, 8x8

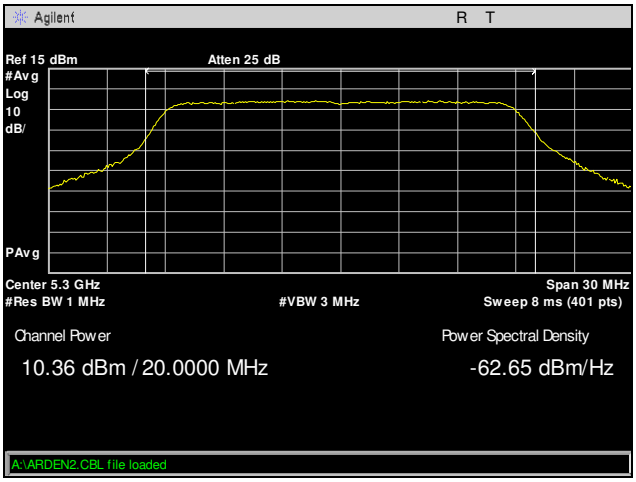


Plot 250. Conducted Output Power, 802.11a, 5720 MHz, Port 6, Radio 1, 8x8

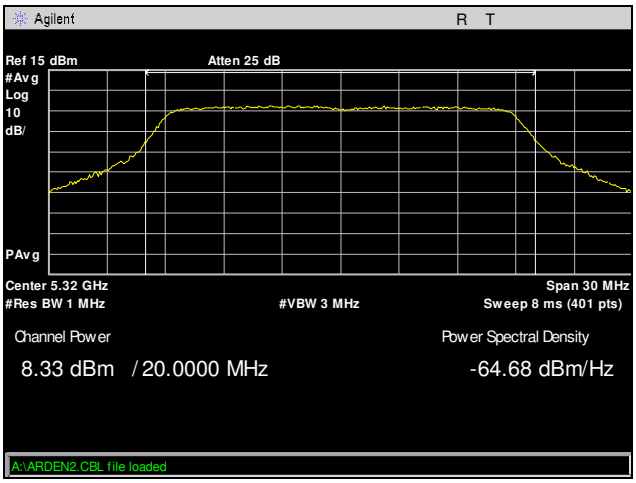
Conducted Output Power, 802.11a, Port 7, Radio 1, 8x8



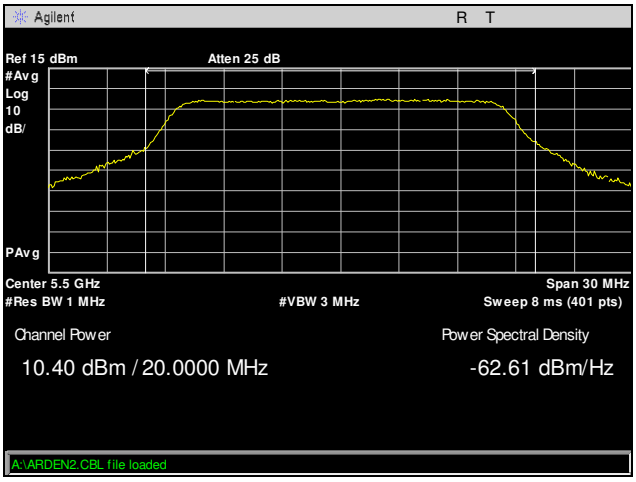
Plot 251. Conducted Output Power, 802.11a, 5260 MHz, Port 7, Radio 1, 8x8



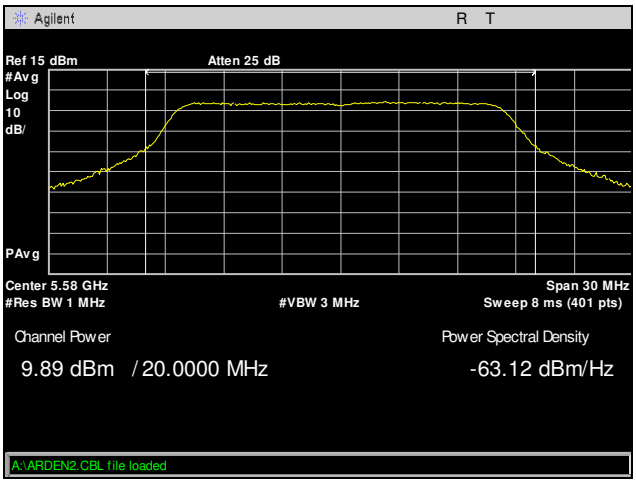
Plot 252. Conducted Output Power, 802.11a, 5300 MHz, Port 7, Radio 1, 8x8



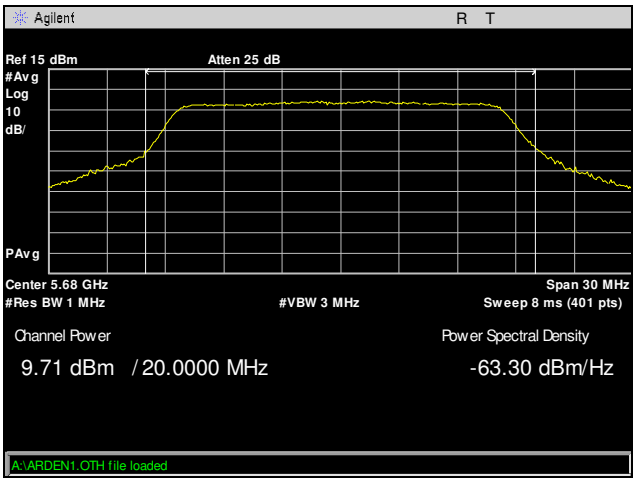
Plot 253. Conducted Output Power, 802.11a, 5320 MHz, Port 7, Radio 1, 8x8



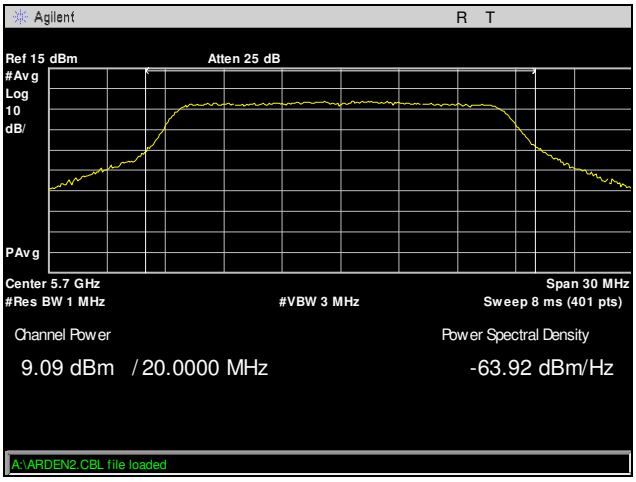
Plot 254. Conducted Output Power, 802.11a, 5500 MHz, Port 7, Radio 1, 8x8



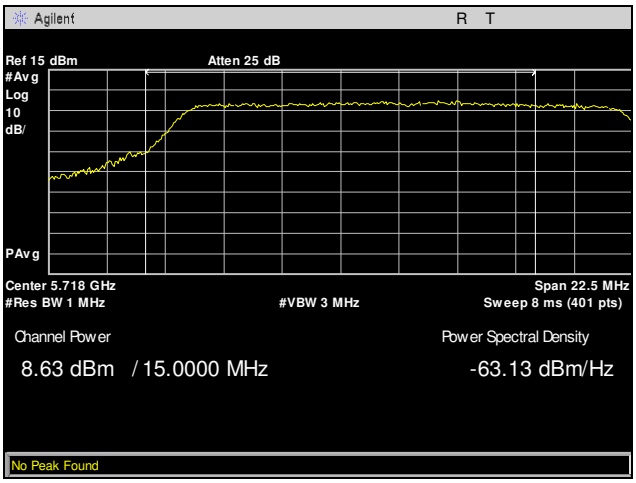
Plot 255. Conducted Output Power, 802.11a, 5580 MHz, Port 7, Radio 1, 8x8



Plot 256. Conducted Output Power, 802.11a, 5680 MHz, Port 7, Radio 1, 8x8

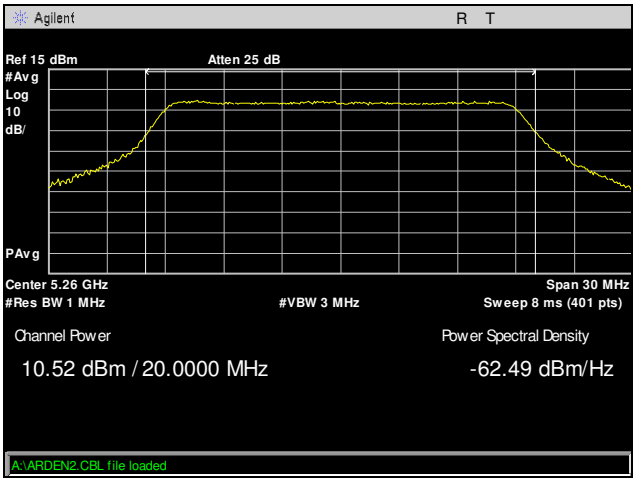


Plot 257. Conducted Output Power, 802.11a, 5700 MHz, Port 7, Radio 1, 8x8

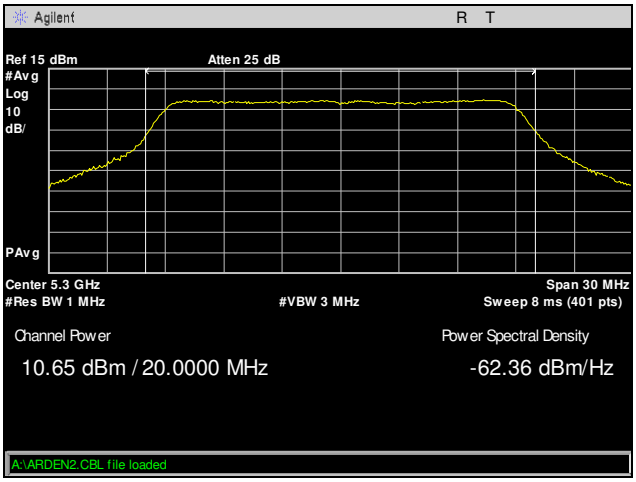


Plot 258. Conducted Output Power, 802.11a, 5720 MHz, Port 7, Radio 1, 8x8

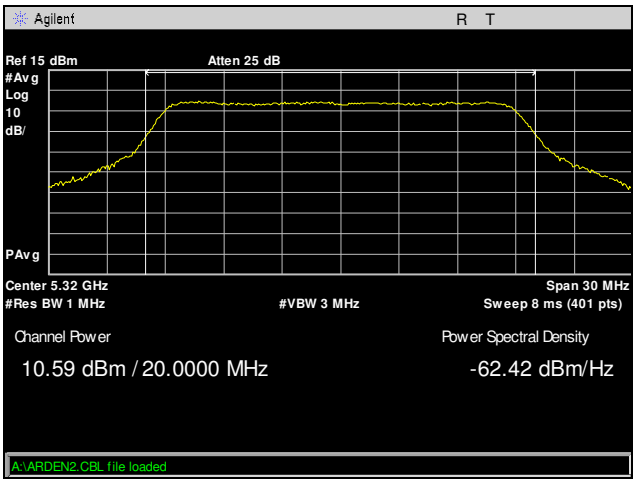
Conducted Output Power, 802.11a, Port 8, Radio 1, 8x8



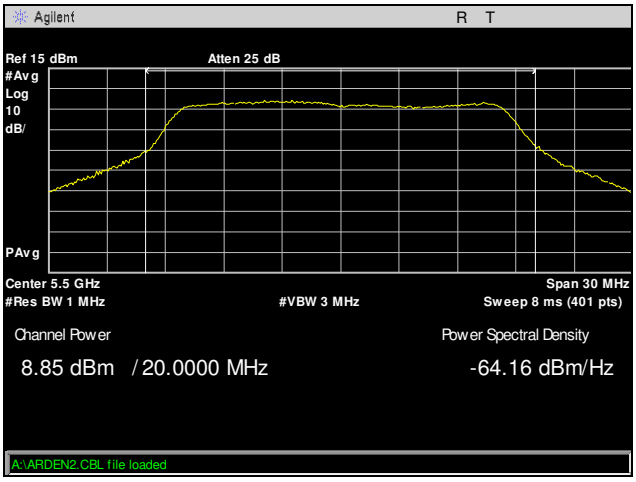
Plot 259. Conducted Output Power, 802.11a, 5260 MHz, Port 8, Radio 1, 8x8



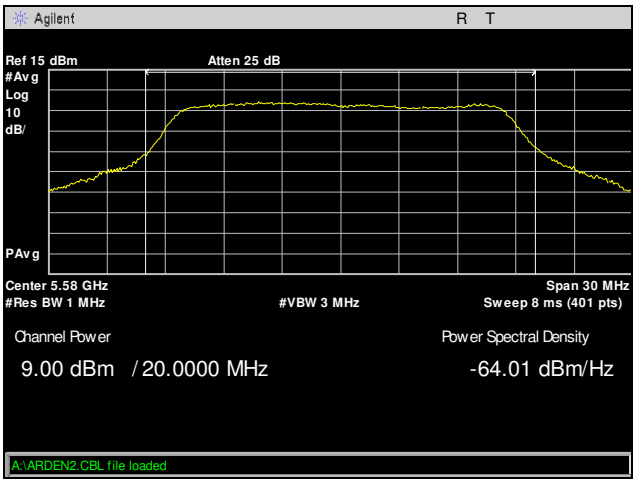
Plot 260. Conducted Output Power, 802.11a, 5300 MHz, Port 8, Radio 1, 8x8



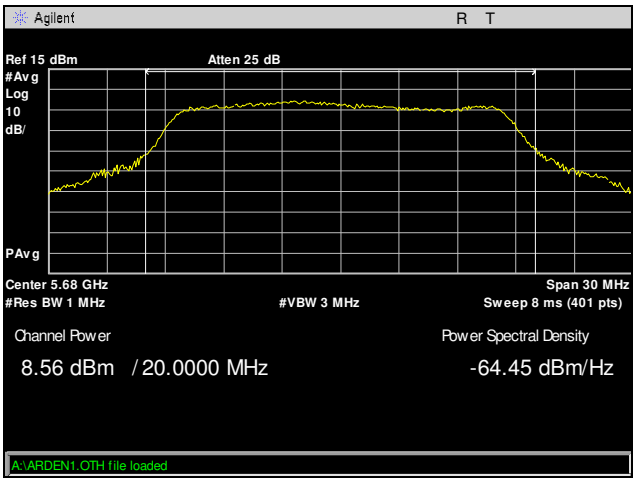
Plot 261. Conducted Output Power, 802.11a, 5320 MHz, Port 8, Radio 1, 8x8



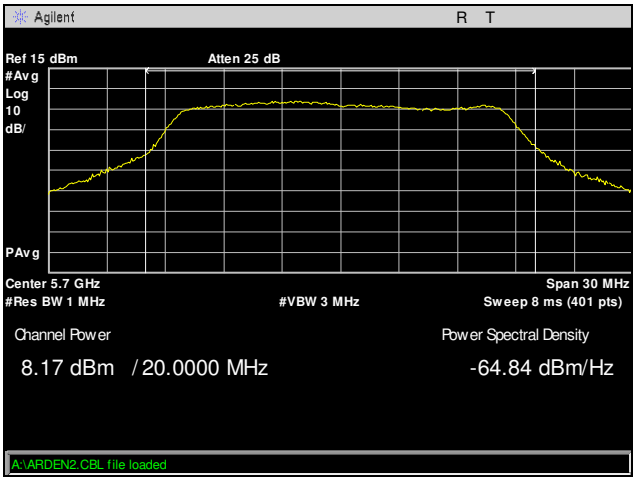
Plot 262. Conducted Output Power, 802.11a, 5500 MHz, Port 8, Radio 1, 8x8



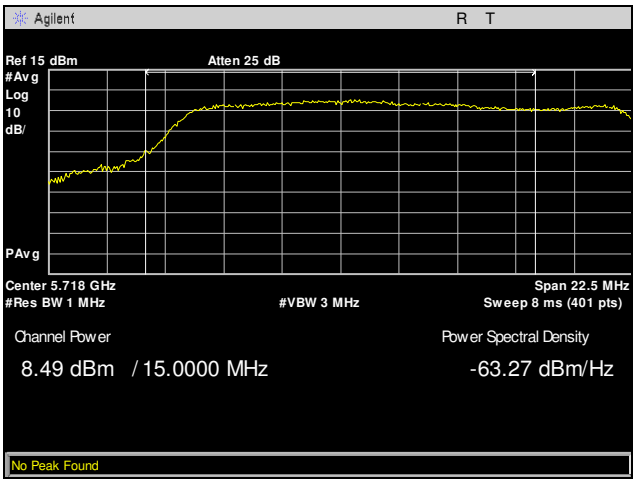
Plot 263. Conducted Output Power, 802.11a, 5580 MHz, Port 8, Radio 1, 8x8



Plot 264. Conducted Output Power, 802.11a, 5680 MHz, Port 8, Radio 1, 8x8

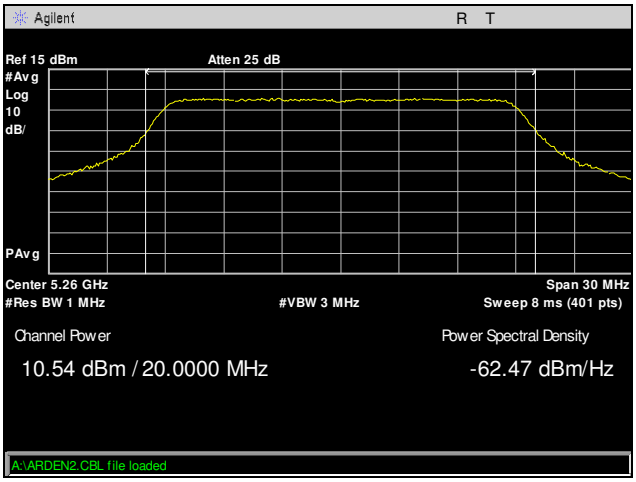


Plot 265. Conducted Output Power, 802.11a, 5700 MHz, Port 8, Radio 1, 8x8

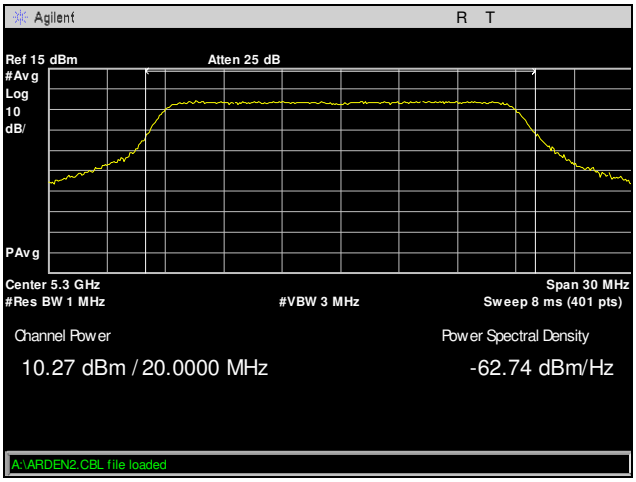


Plot 266. Conducted Output Power, 802.11a, 5720 MHz, Port 8, Radio 1, 8x8

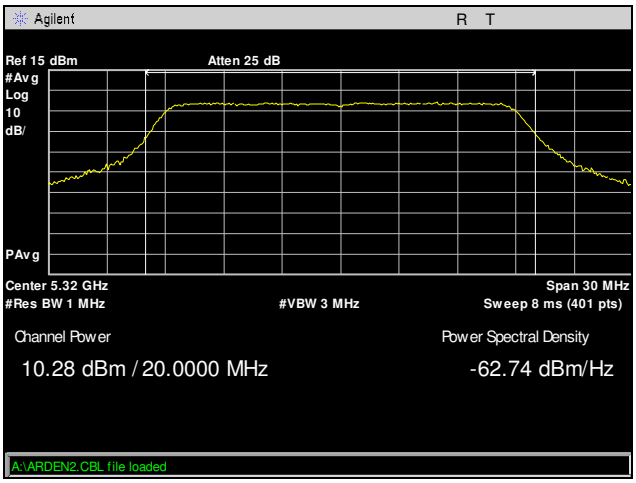
Conducted Output Power, 802.11ac 20 MHz, Port 1, Radio 0, 8x8



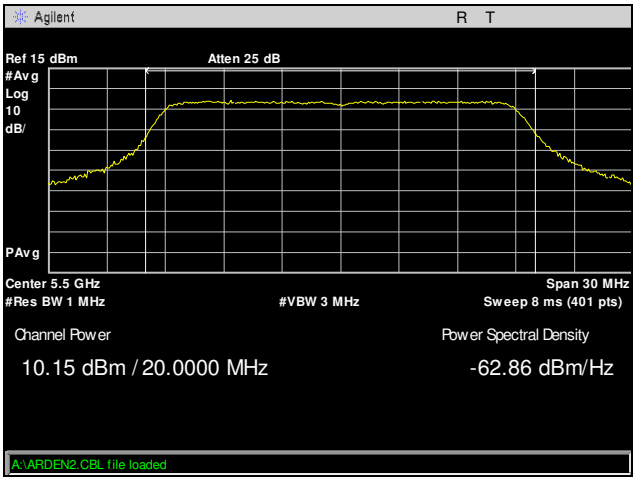
Plot 267. Conducted Output Power, 802.11ac 20 MHz, 5260 MHz, Port 1, Radio 0, 8x8



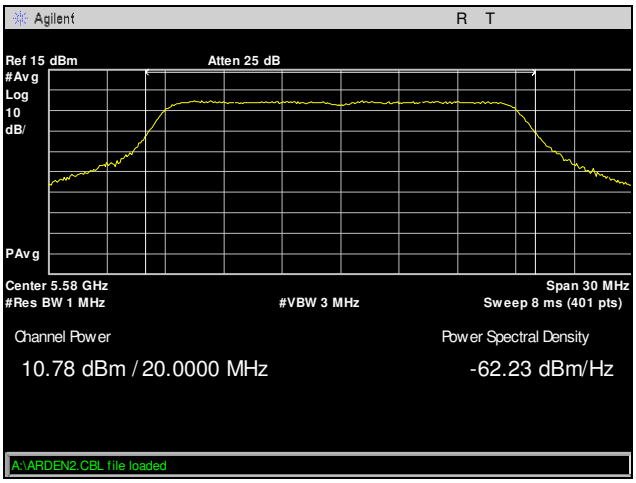
Plot 268. Conducted Output Power, 802.11ac 20 MHz, 5300 MHz, Port 1, Radio 0, 8x8



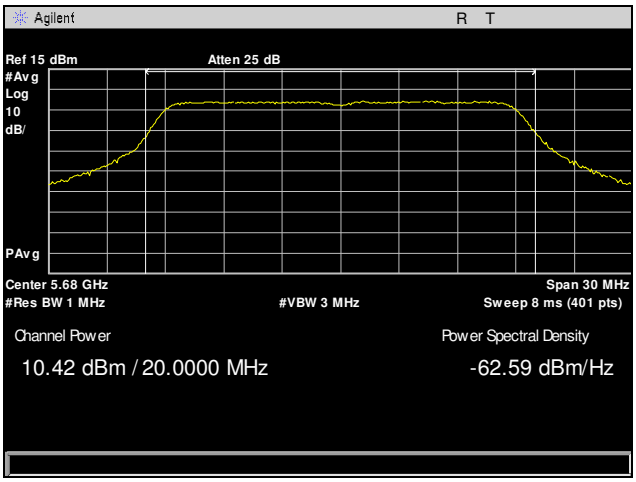
Plot 269. Conducted Output Power, 802.11ac 20 MHz, 5320 MHz, Port 1, Radio 0, 8x8



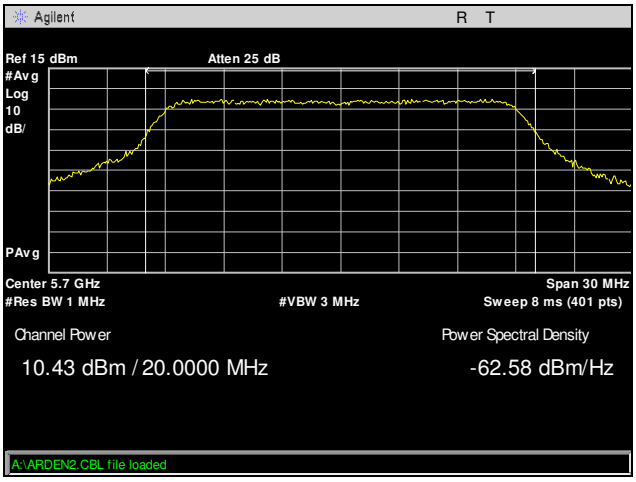
Plot 270. Conducted Output Power, 802.11ac 20 MHz, 5500 MHz, Port 1, Radio 0, 8x8



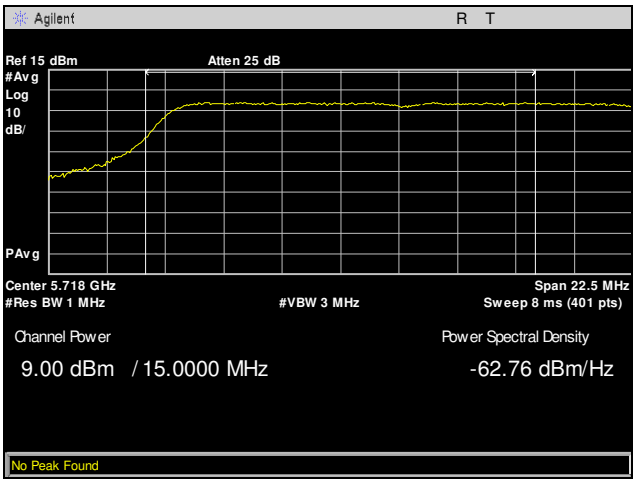
Plot 271. Conducted Output Power, 802.11ac 20 MHz, 5580 MHz, Port 1, Radio 0, 8x8



Plot 272. Conducted Output Power, 802.11ac 20 MHz, 5680 MHz, Port 1, Radio 0, 8x8

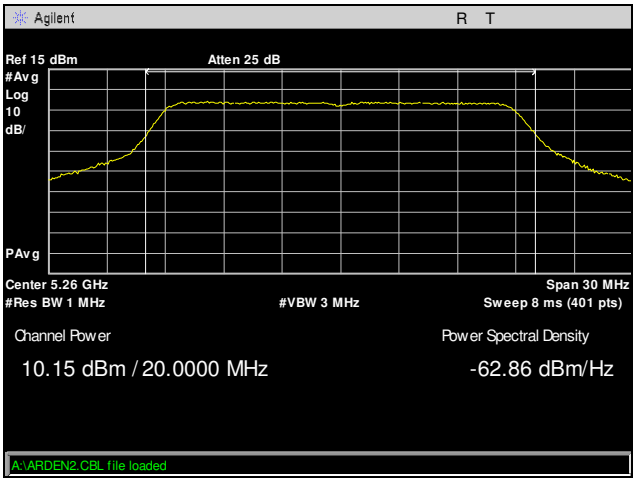


Plot 273. Conducted Output Power, 802.11ac 20 MHz, 5700 MHz, Port 1, Radio 0, 8x8

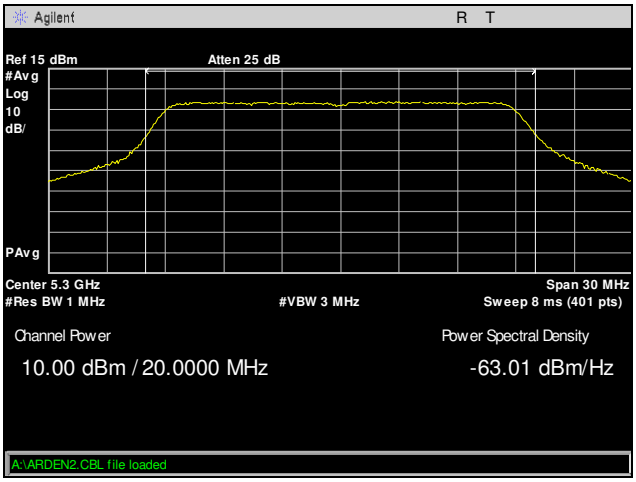


Plot 274. Conducted Output Power, 802.11ac 20 MHz, 5720 MHz, Port 1, Radio 0, 8x8

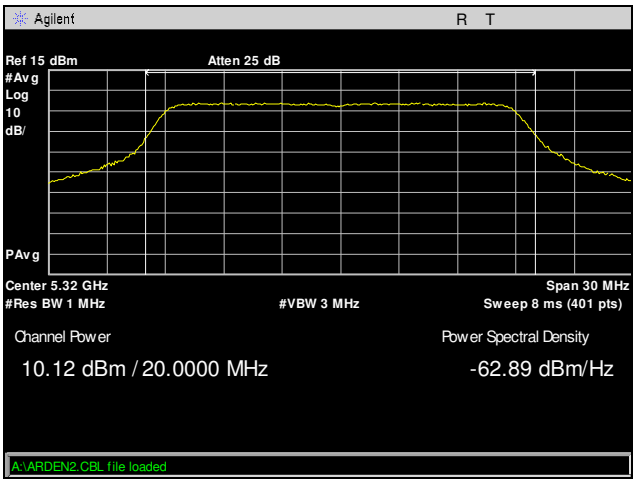
Conducted Output Power, 802.11ac 20 MHz, Port 2, Radio 0, 8x8



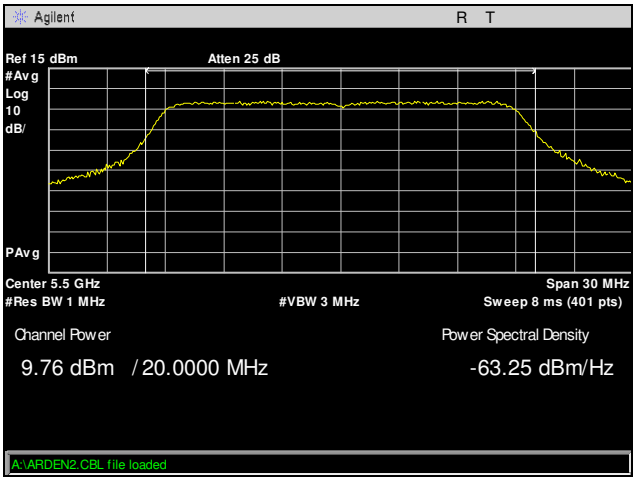
Plot 275. Conducted Output Power, 802.11ac 20 MHz, 5260 MHz, Port 2, Radio 0, 8x8



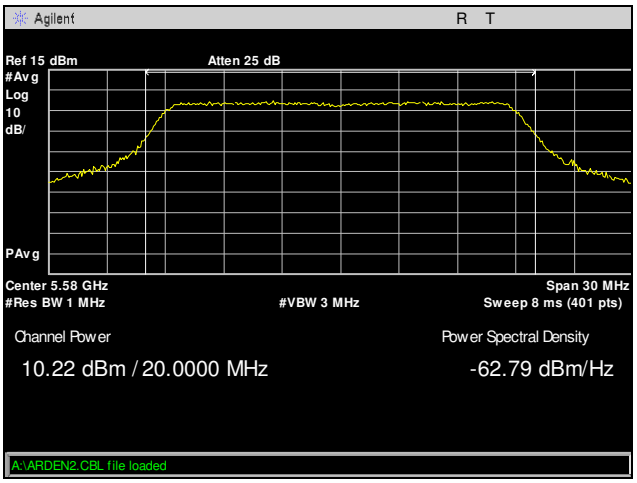
Plot 276. Conducted Output Power, 802.11ac 20 MHz, 5300 MHz, Port 2, Radio 0, 8x8



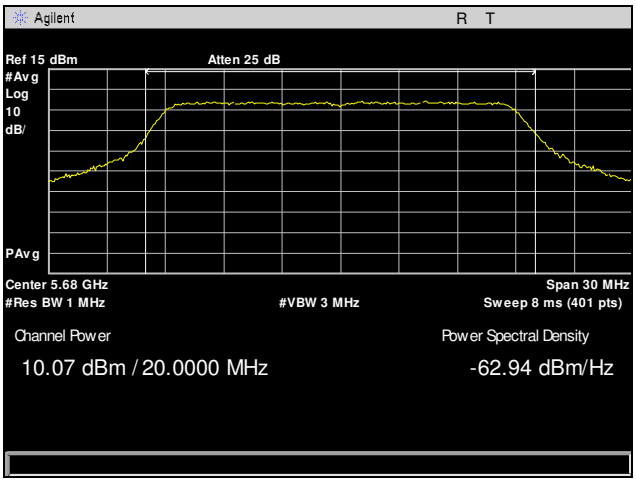
Plot 277. Conducted Output Power, 802.11ac 20 MHz, 5320 MHz, Port 2, Radio 0, 8x8



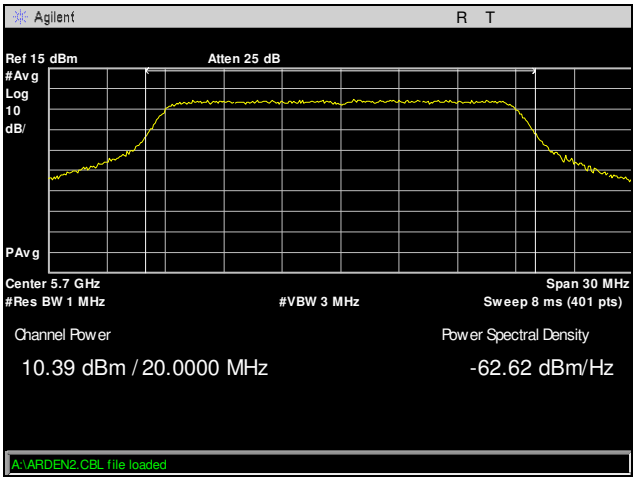
Plot 278. Conducted Output Power, 802.11ac 20 MHz, 5500 MHz, Port 2, Radio 0, 8x8



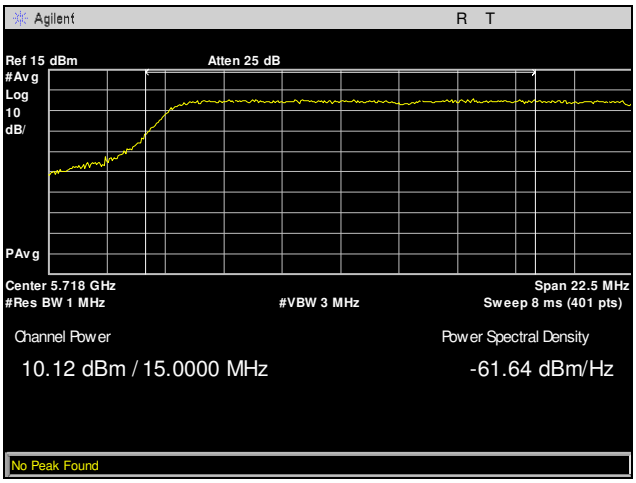
Plot 279. Conducted Output Power, 802.11ac 20 MHz, 5580 MHz, Port 2, Radio 0, 8x8



Plot 280. Conducted Output Power, 802.11ac 20 MHz, 5680 MHz, Port 2, Radio 0, 8x8

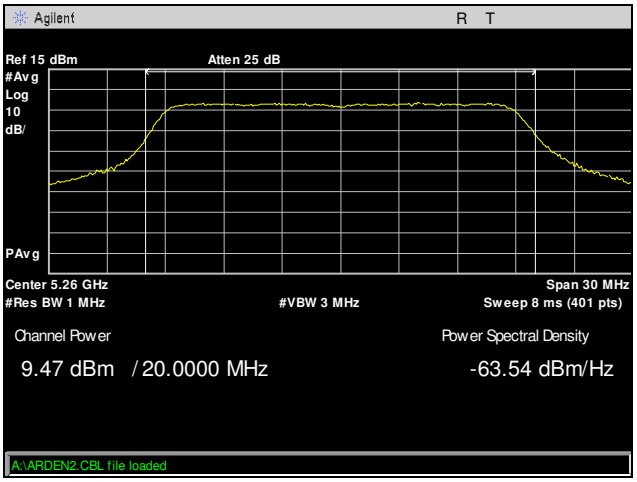


Plot 281. Conducted Output Power, 802.11ac 20 MHz, 5700 MHz, Port 2, Radio 0, 8x8

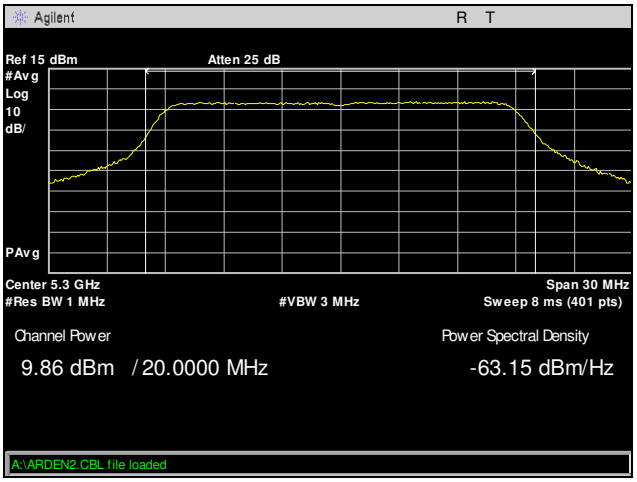


Plot 282. Conducted Output Power, 802.11ac 20 MHz, 5720 MHz, Port 2, Radio 0, 8x8

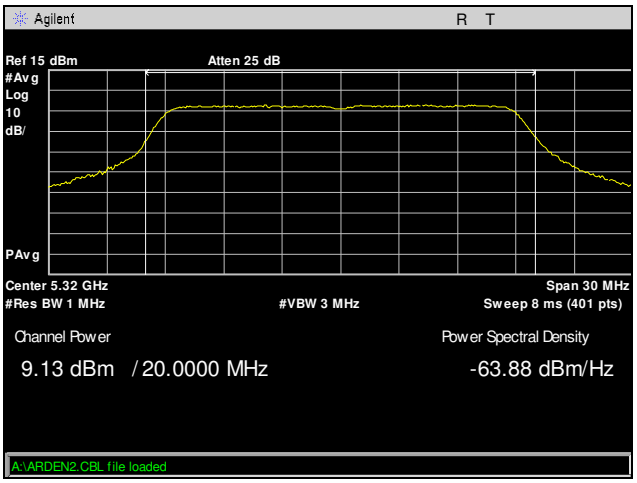
Conducted Output Power, 802.11ac 20 MHz, Port 3, Radio 0, 8x8



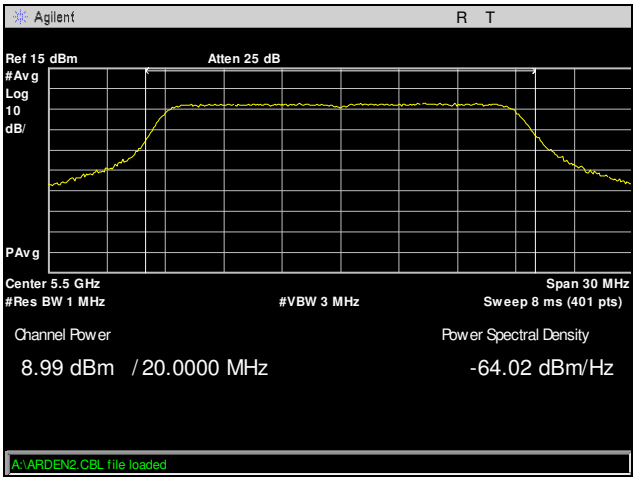
Plot 283. Conducted Output Power, 802.11ac 20 MHz, 5260 MHz, Port 3, Radio 0, 8x8



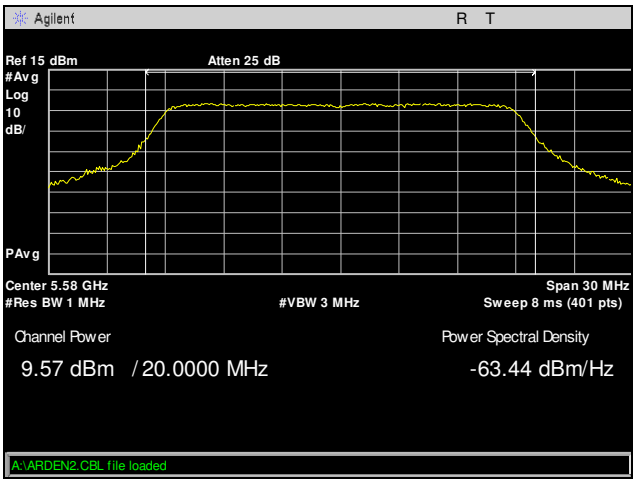
Plot 284. Conducted Output Power, 802.11ac 20 MHz, 5300 MHz, Port 3, Radio 0, 8x8



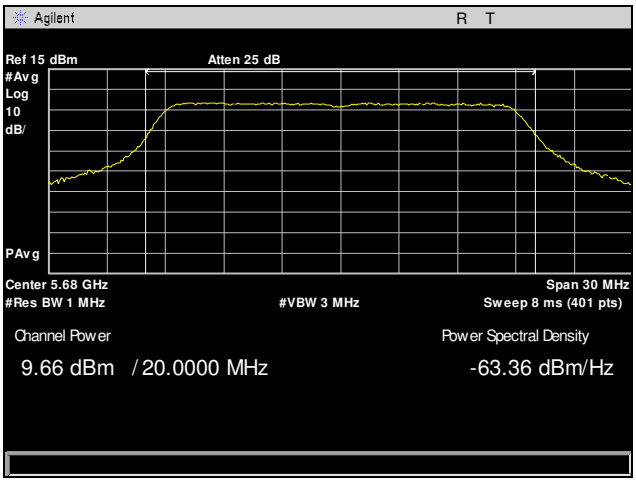
Plot 285. Conducted Output Power, 802.11ac 20 MHz, 5320 MHz, Port 3, Radio 0, 8x8



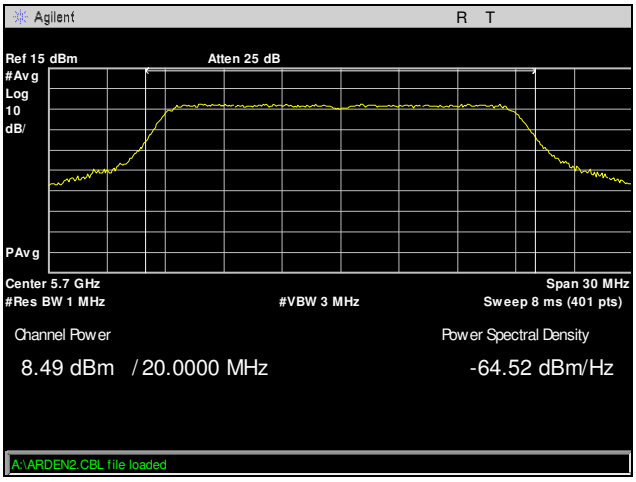
Plot 286. Conducted Output Power, 802.11ac 20 MHz, 5500 MHz, Port 3, Radio 0, 8x8



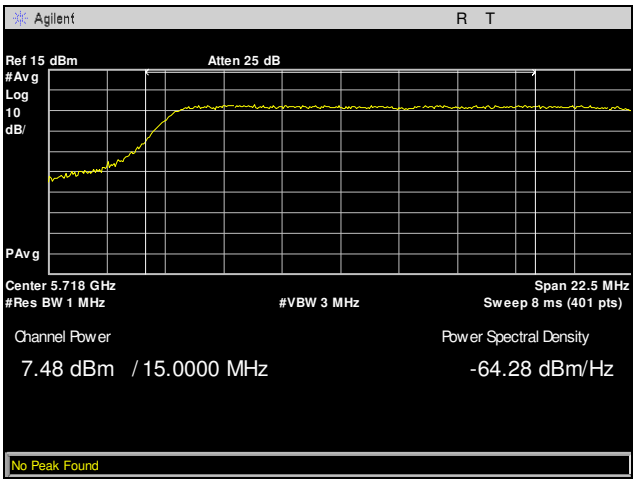
Plot 287. Conducted Output Power, 802.11ac 20 MHz, 5580 MHz, Port 3, Radio 0, 8x8



Plot 288. Conducted Output Power, 802.11ac 20 MHz, 5680 MHz, Port 3, Radio 0, 8x8

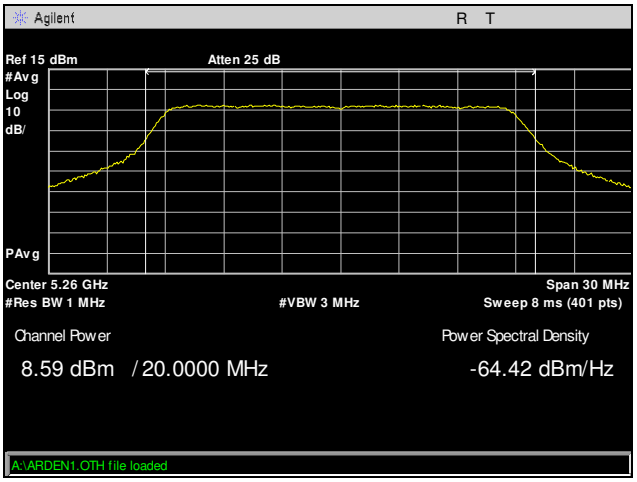


Plot 289. Conducted Output Power, 802.11ac 20 MHz, 5700 MHz, Port 3, Radio 0, 8x8

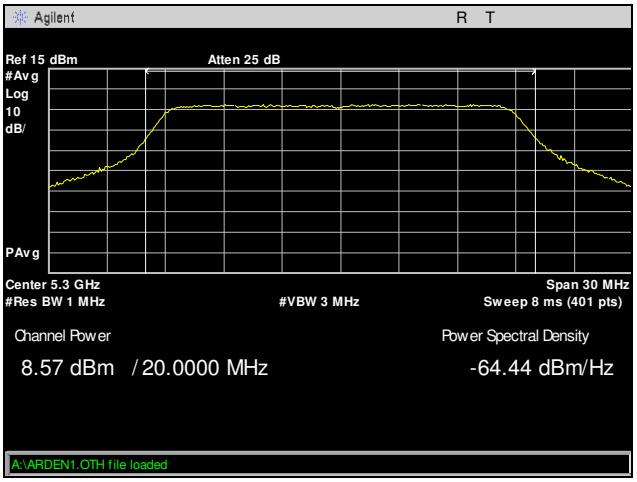


Plot 290. Conducted Output Power, 802.11ac 20 MHz, 5720 MHz, Port 3, Radio 0, 8x8

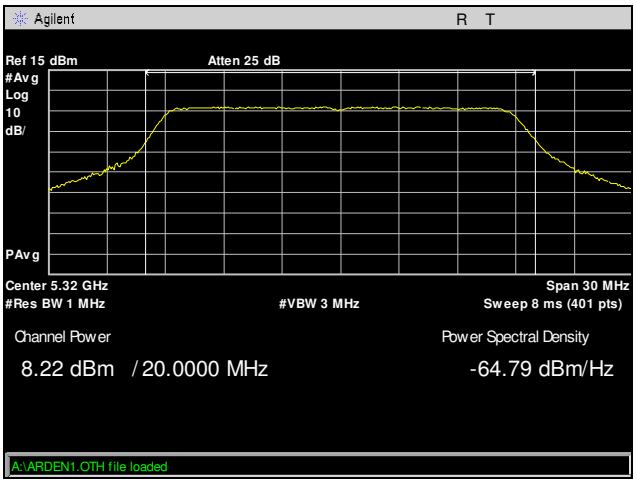
Conducted Output Power, 802.11ac 20 MHz, Port 4, Radio 0, 8x8



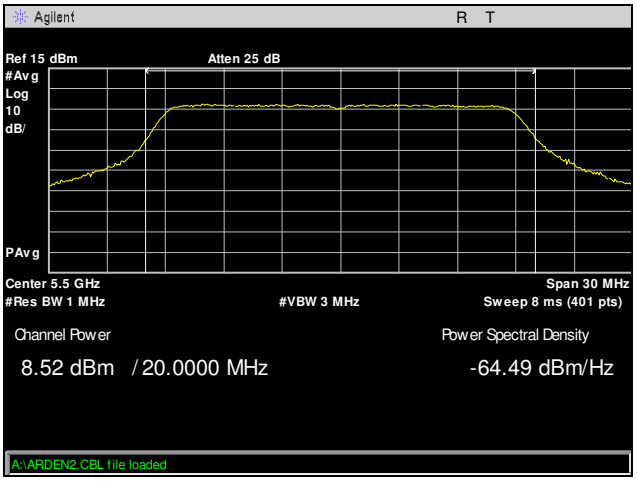
Plot 291. Conducted Output Power, 802.11ac 20 MHz, 5260 MHz, Port 4, Radio 0, 8x8



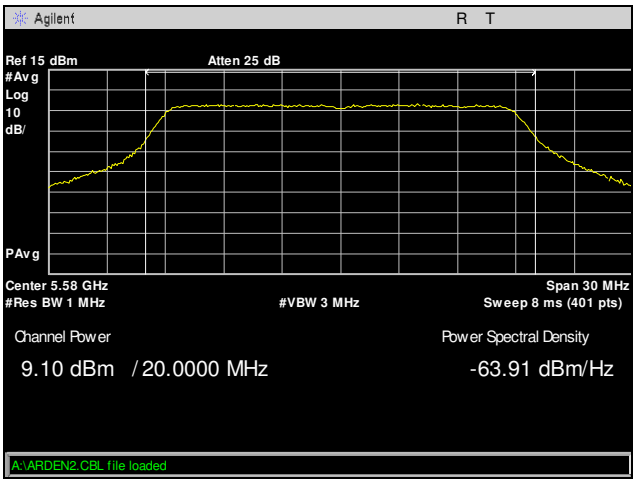
Plot 292. Conducted Output Power, 802.11ac 20 MHz, 5300 MHz, Port 4, Radio 0, 8x8



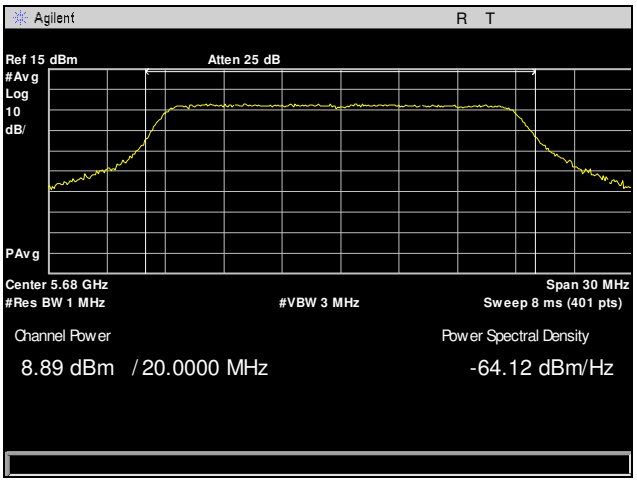
Plot 293. Conducted Output Power, 802.11ac 20 MHz, 5320 MHz, Port 4, Radio 0, 8x8



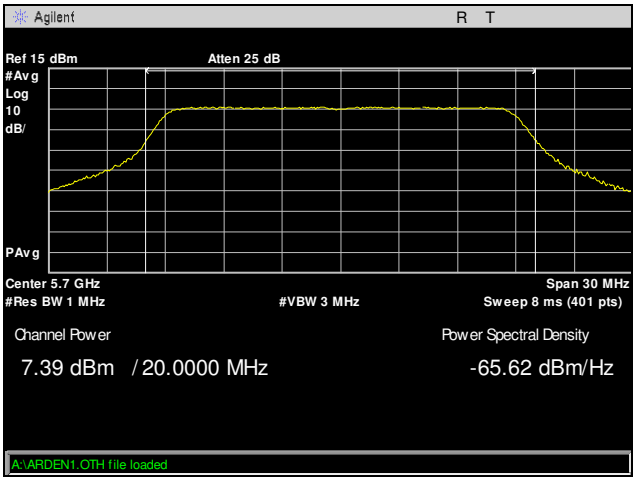
Plot 294. Conducted Output Power, 802.11ac 20 MHz, 5500 MHz, Port 4, Radio 0, 8x8



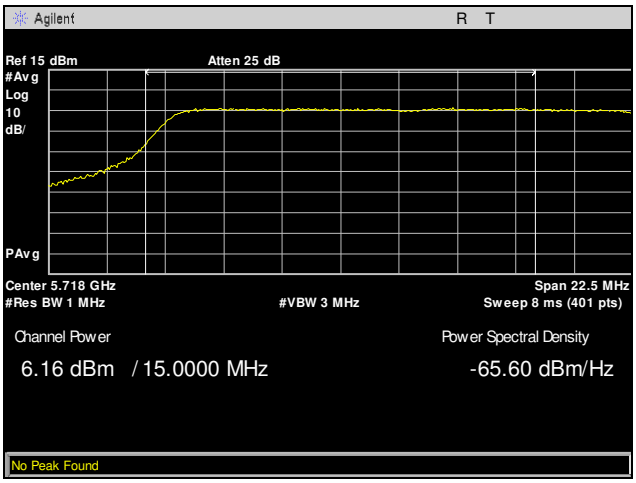
Plot 295. Conducted Output Power, 802.11ac 20 MHz, 5580 MHz, Port 4, Radio 0, 8x8



Plot 296. Conducted Output Power, 802.11ac 20 MHz, 5680 MHz, Port 4, Radio 0, 8x8

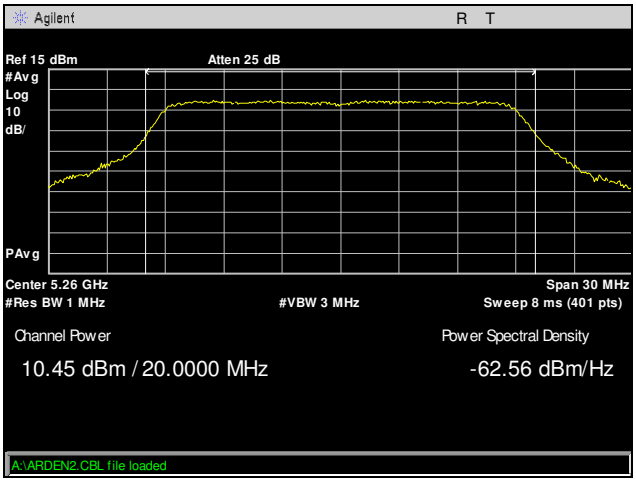


Plot 297. Conducted Output Power, 802.11ac 20 MHz, 5700 MHz, Port 4, Radio 0, 8x8

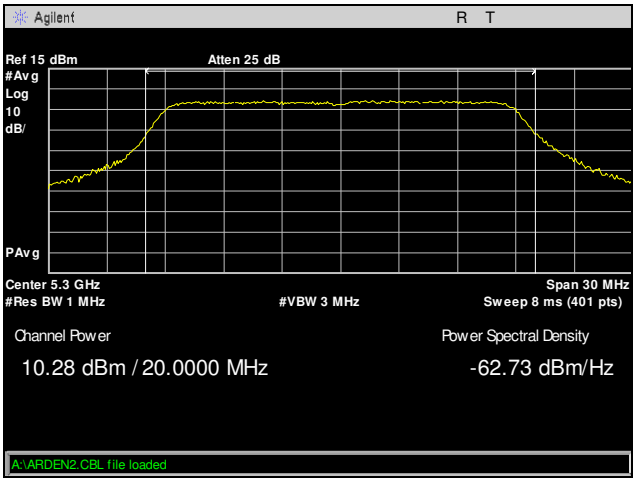


Plot 298. Conducted Output Power, 802.11ac 20 MHz, 5720 MHz, Port 4, Radio 0, 8x8

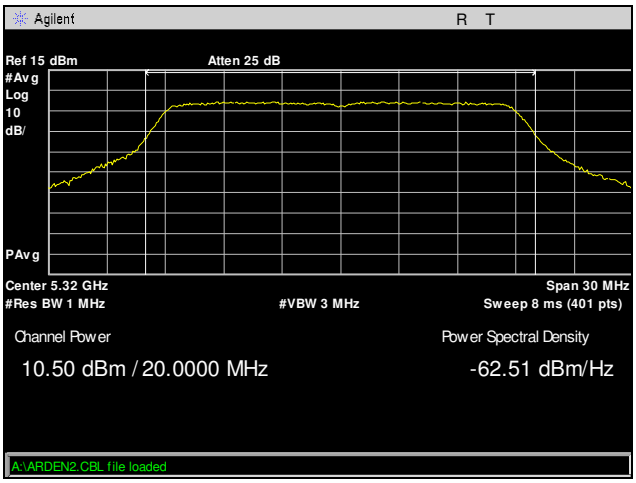
Conducted Output Power, 802.11ac 20 MHz, Port 5, Radio 1, 8x8



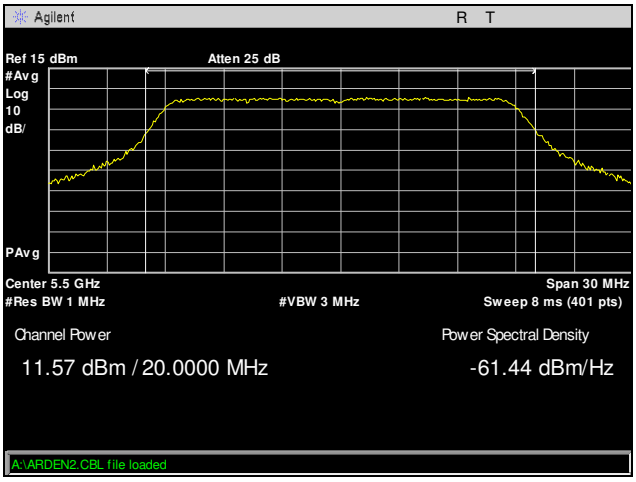
Plot 299. Conducted Output Power, 802.11ac 20 MHz, 5260 MHz, Port 5, Radio 1, 8x8



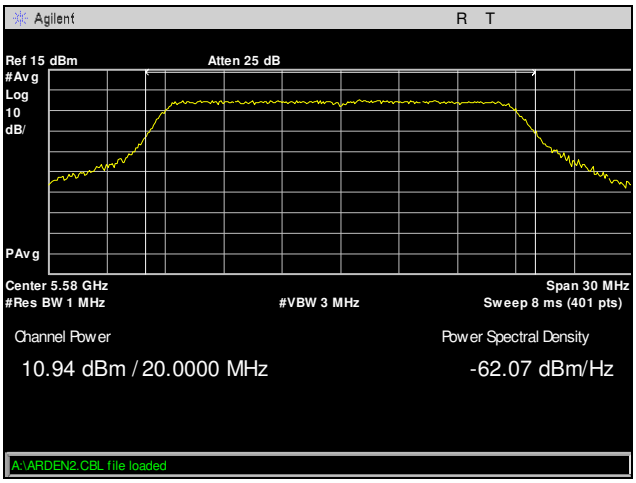
Plot 300. Conducted Output Power, 802.11ac 20 MHz, 5300 MHz, Port 5, Radio 1, 8x8



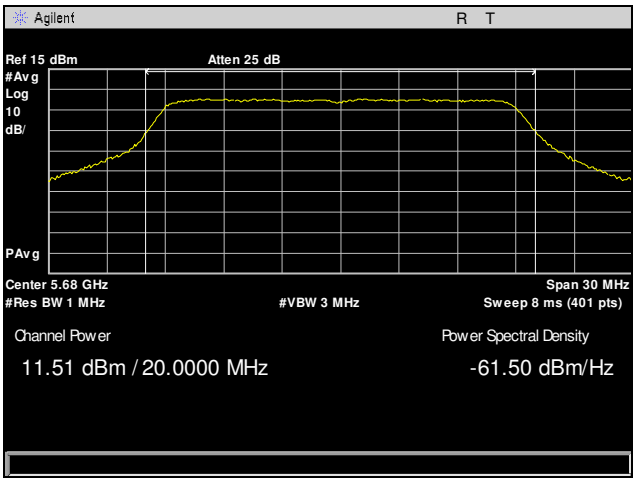
Plot 301. Conducted Output Power, 802.11ac 20 MHz, 5320 MHz, Port 5, Radio 1, 8x8



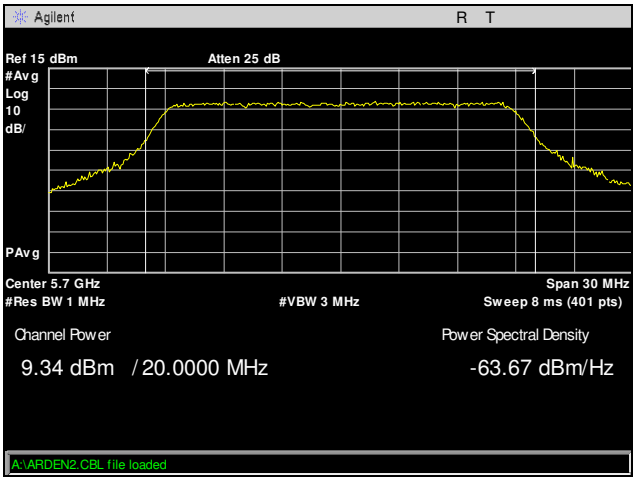
Plot 302. Conducted Output Power, 802.11ac 20 MHz, 5500 MHz, Port 5, Radio 1, 8x8



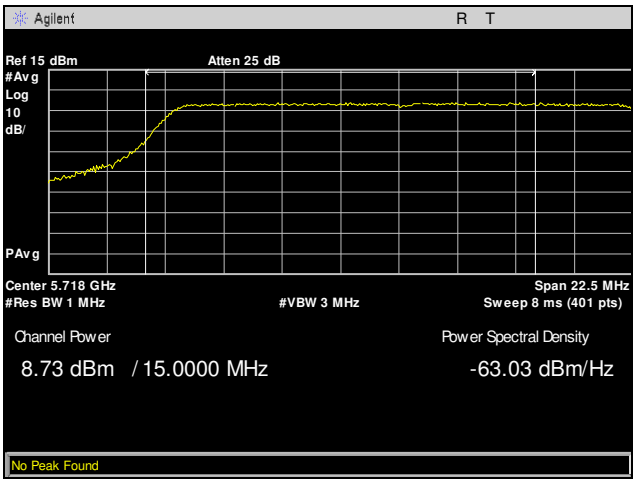
Plot 303. Conducted Output Power, 802.11ac 20 MHz, 5580 MHz, Port 5, Radio 1, 8x8



Plot 304. Conducted Output Power, 802.11ac 20 MHz, 5680 MHz, Port 5, Radio 0, 8x8

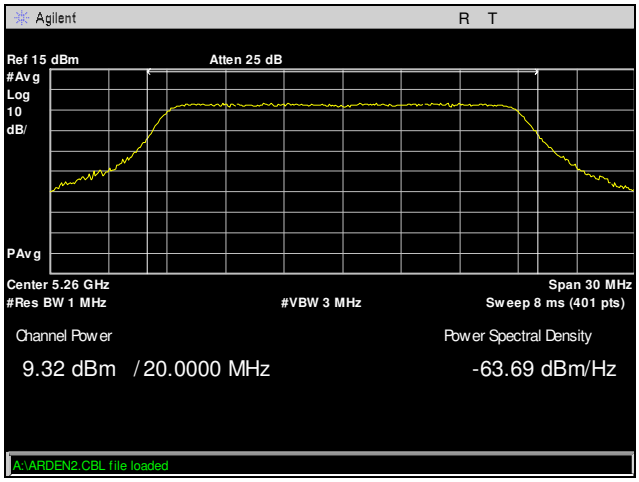


Plot 305. Conducted Output Power, 802.11ac 20 MHz, 5700 MHz, Port 5, Radio 1, 8x8

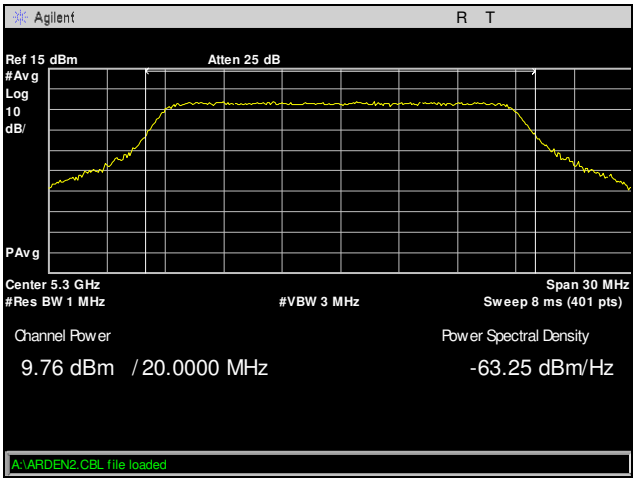


Plot 306. Conducted Output Power, 802.11ac 20 MHz, 5720 MHz, Port 5, Radio 1, 8x8

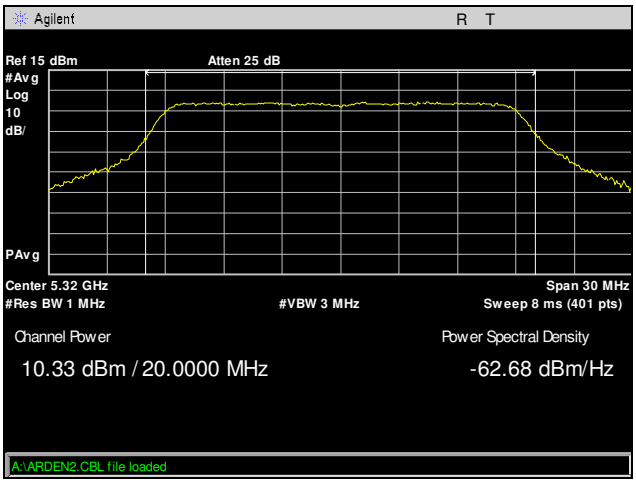
Conducted Output Power, 802.11ac 20 MHz, Port 6, Radio 1, 8x8



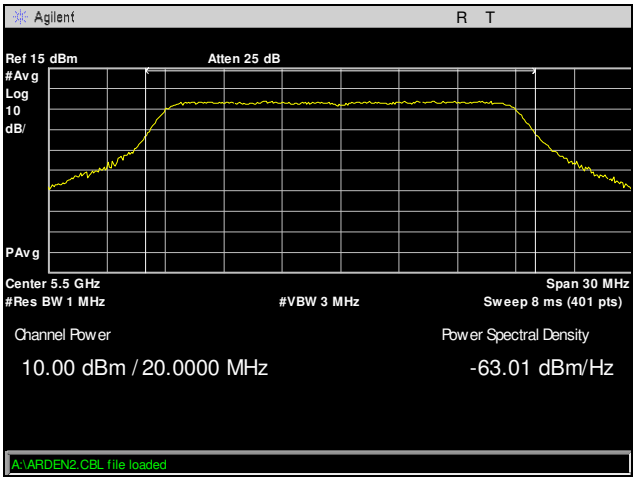
Plot 307. Conducted Output Power, 802.11ac 20 MHz, 5260 MHz, Port 6, Radio 1, 8x8



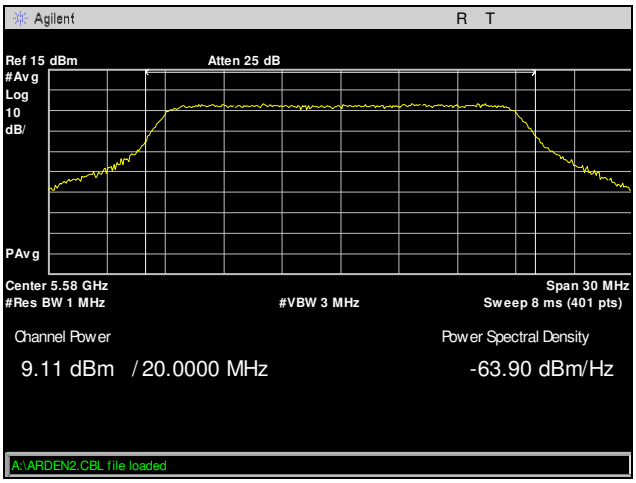
Plot 308. Conducted Output Power, 802.11ac 20 MHz, 5300 MHz, Port 6, Radio 1, 8x8



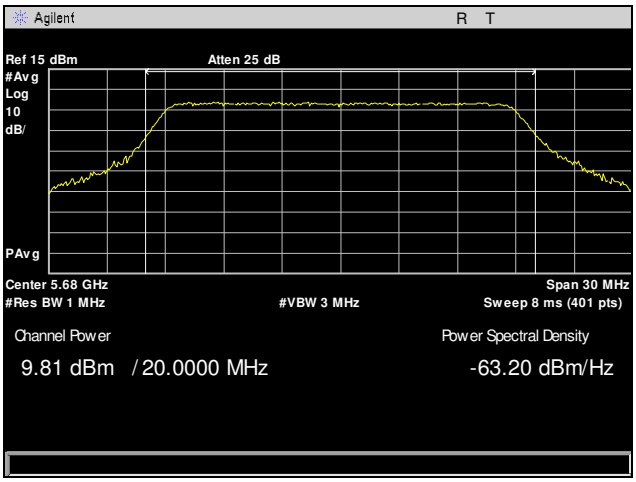
Plot 309. Conducted Output Power, 802.11ac 20 MHz, 5320 MHz, Port 6, Radio 1, 8x8



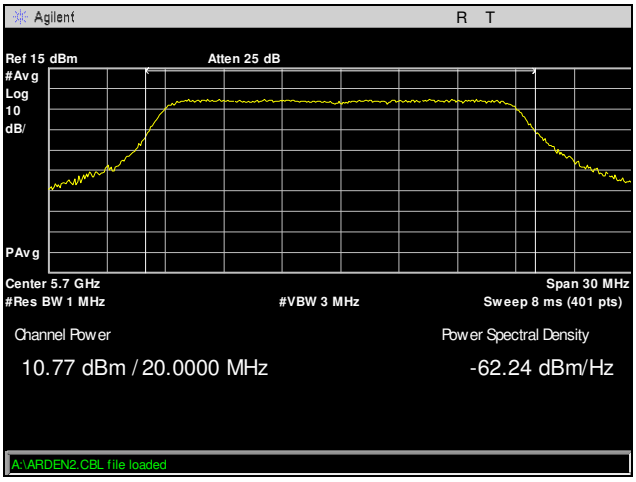
Plot 310. Conducted Output Power, 802.11ac 20 MHz, 5500 MHz, Port 6, Radio 1, 8x8



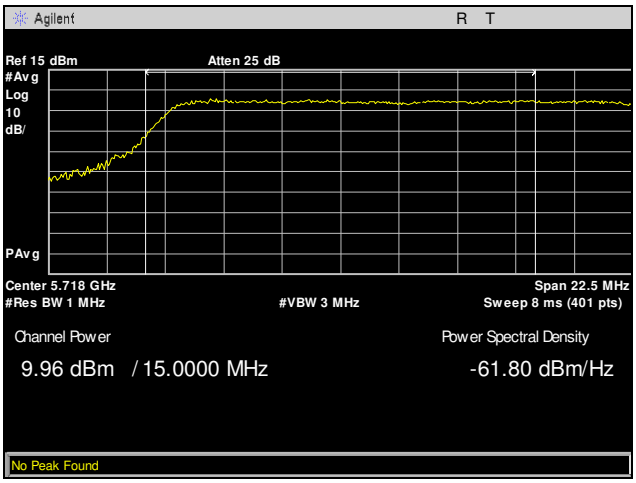
Plot 311. Conducted Output Power, 802.11ac 20 MHz, 5580 MHz, Port 6, Radio 1, 8x8



Plot 312. Conducted Output Power, 802.11ac 20 MHz, 5680 MHz, Port 6, Radio 0, 8x8

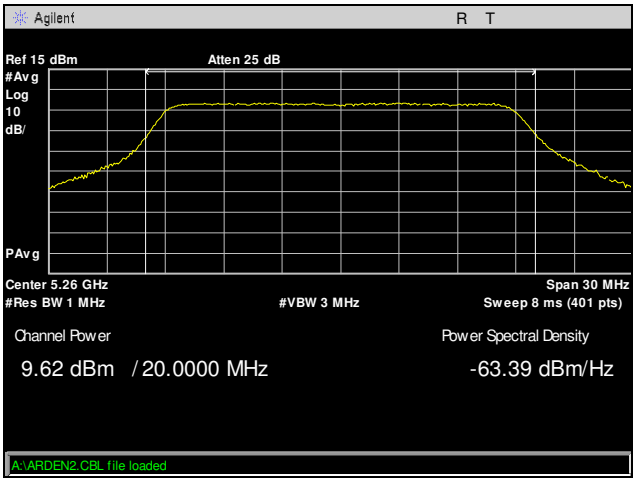


Plot 313. Conducted Output Power, 802.11ac 20 MHz, 5700 MHz, Port 6, Radio 1, 8x8

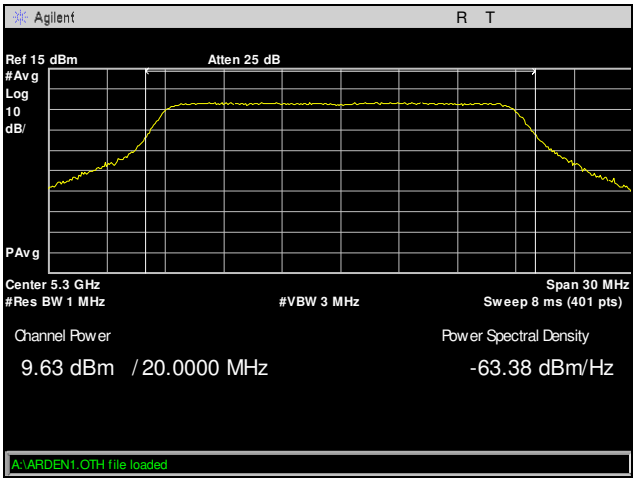


Plot 314. Conducted Output Power, 802.11ac 20 MHz, 5720 MHz, Port 6, Radio 1, 8x8

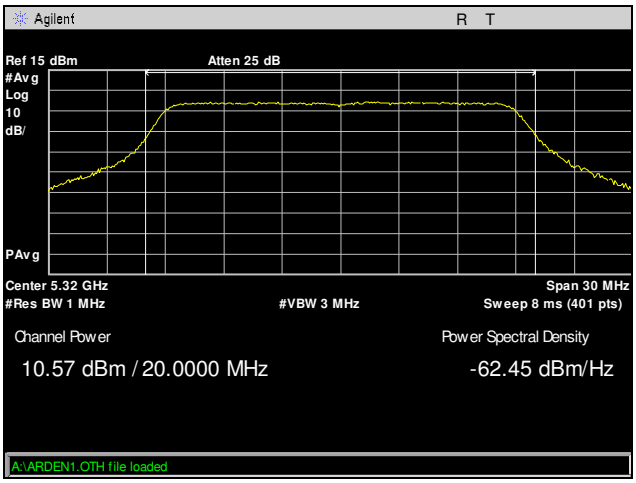
Conducted Output Power, 802.11ac 20 MHz, Port 7, Radio 1, 8x8



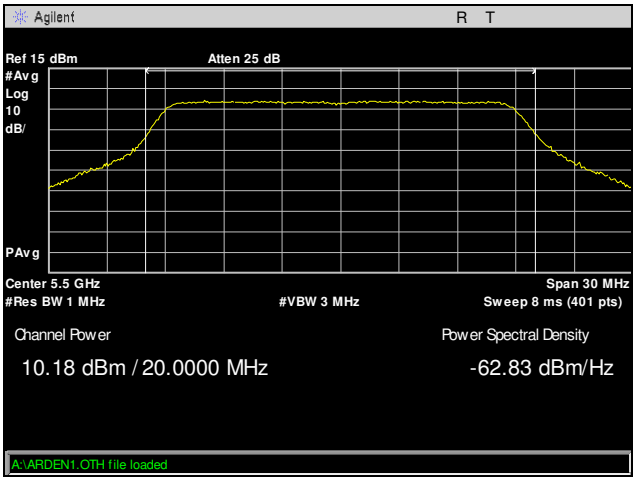
Plot 315. Conducted Output Power, 802.11ac 20 MHz, 5260 MHz, Port 7, Radio 1, 8x8



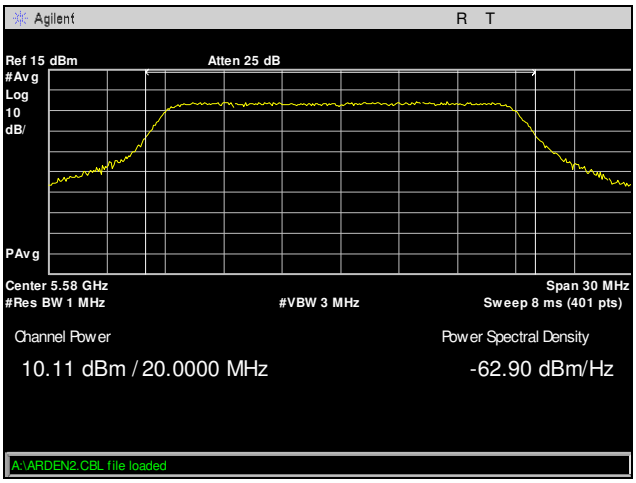
Plot 316. Conducted Output Power, 802.11ac 20 MHz, 5300 MHz, Port 7, Radio 1, 8x8



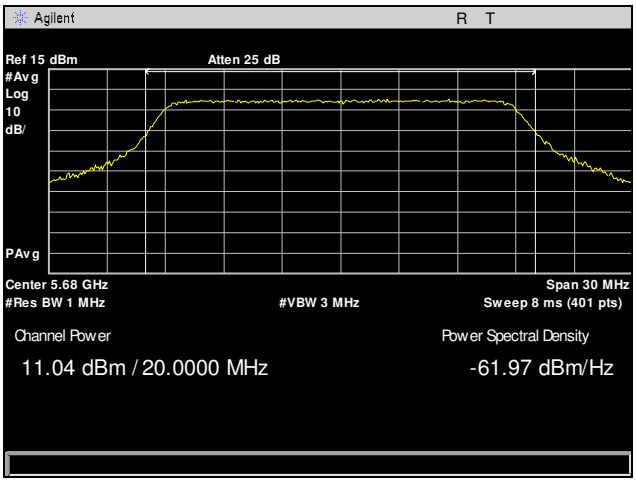
Plot 317. Conducted Output Power, 802.11ac 20 MHz, 5320 MHz, Port 7, Radio 1, 8x8



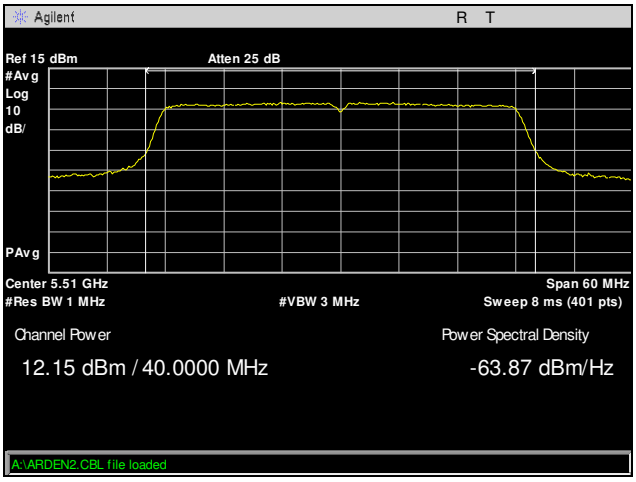
Plot 318. Conducted Output Power, 802.11ac 20 MHz, 5500 MHz, Port 7, Radio 1, 8x8



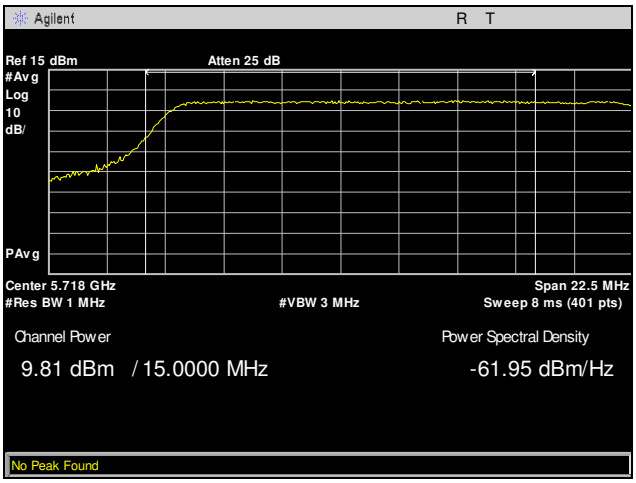
Plot 319. Conducted Output Power, 802.11ac 20 MHz, 5580 MHz, Port 7, Radio 1, 8x8



Plot 320. Conducted Output Power, 802.11ac 20 MHz, 5680 MHz, Port 7, Radio 0, 8x8

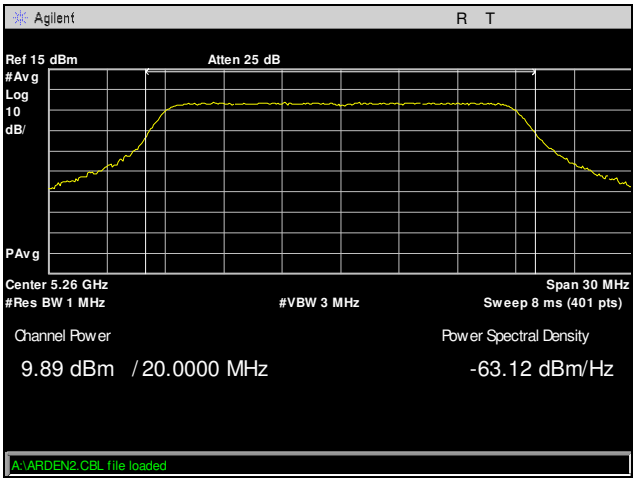


Plot 321. Conducted Output Power, 802.11ac 20 MHz, 5700 MHz, Port 7, Radio 1, 8x8

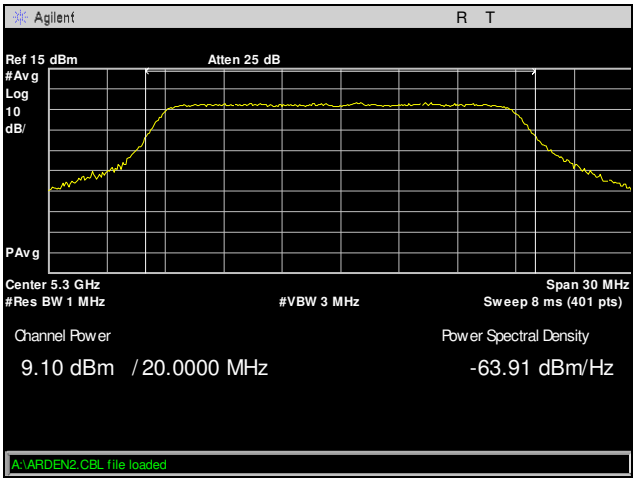


Plot 322. Conducted Output Power, 802.11ac 20 MHz, 5720 MHz, Port 7, Radio 1, 8x8

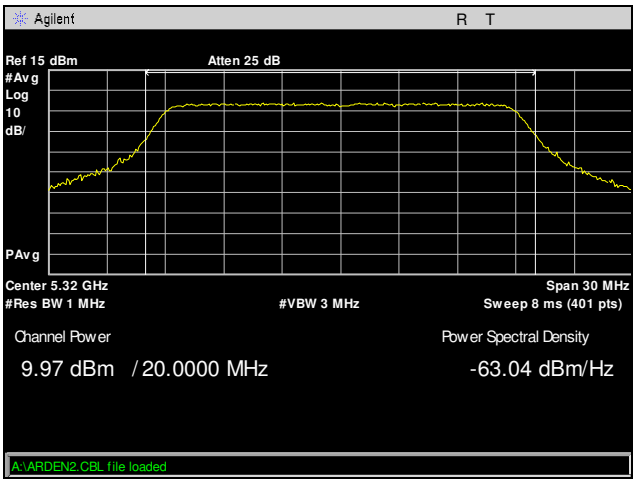
Conducted Output Power, 802.11ac 20 MHz, Port 8, Radio 1, 8x8



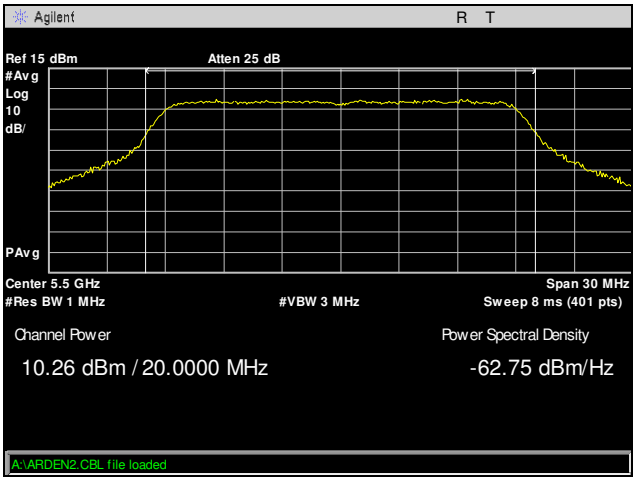
Plot 323. Conducted Output Power, 802.11ac 20 MHz, 5260 MHz, Port 8, Radio 1, 8x8



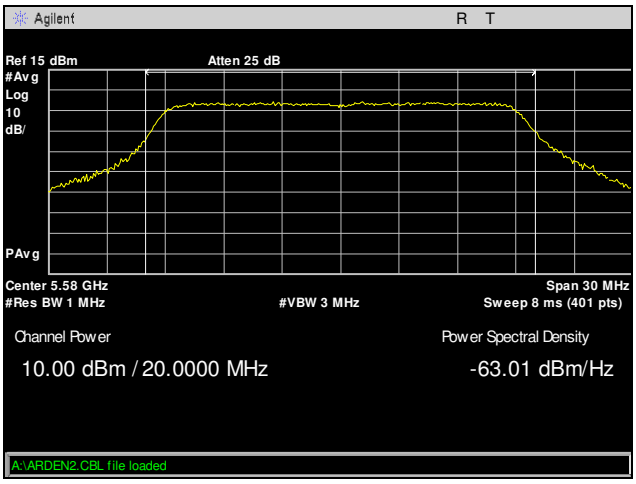
Plot 324. Conducted Output Power, 802.11ac 20 MHz, 5300 MHz, Port 8, Radio 1, 8x8



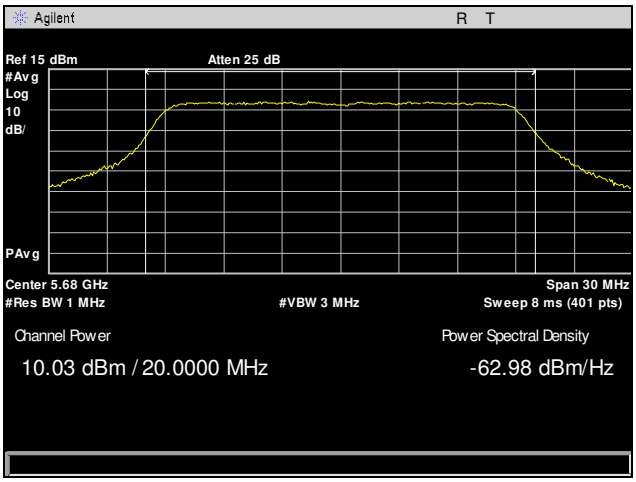
Plot 325. Conducted Output Power, 802.11ac 20 MHz, 5320 MHz, Port 8, Radio 1, 8x8



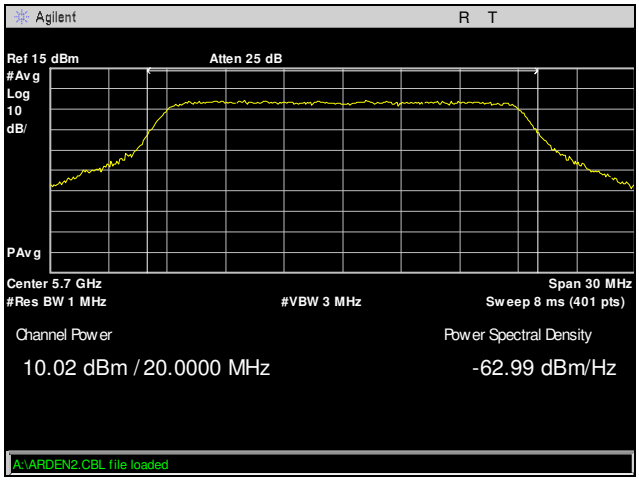
Plot 326. Conducted Output Power, 802.11ac 20 MHz, 5500 MHz, Port 8, Radio 1, 8x8



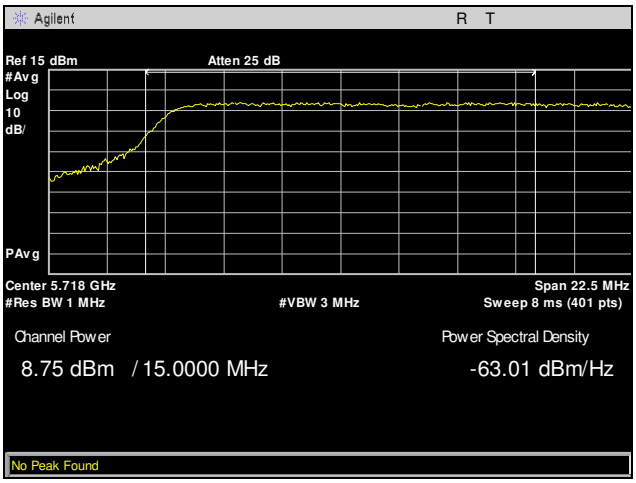
Plot 327. Conducted Output Power, 802.11ac 20 MHz, 5580 MHz, Port 8, Radio 1, 8x8



Plot 328. Conducted Output Power, 802.11ac 20 MHz, 5680 MHz, Port 8, Radio 0, 8x8

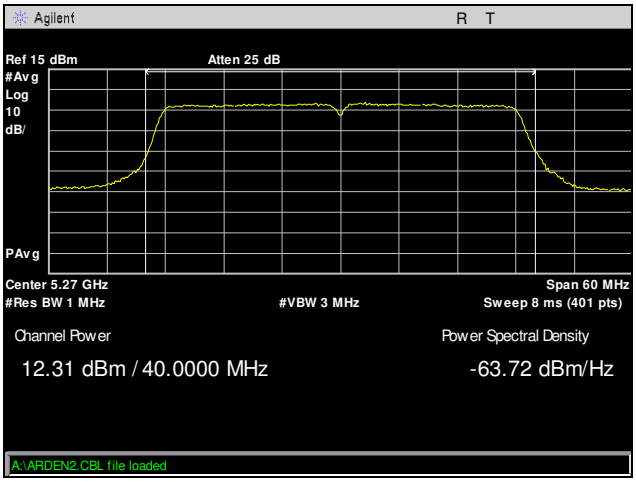


Plot 329. Conducted Output Power, 802.11ac 20 MHz, 5700 MHz, Port 8, Radio 1, 8x8

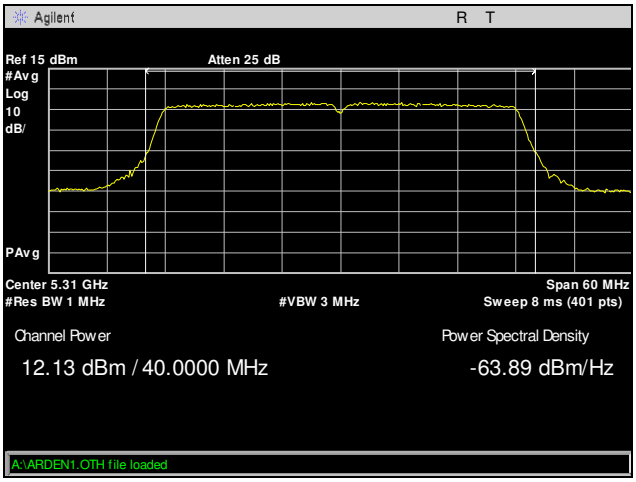


Plot 330. Conducted Output Power, 802.11ac 20 MHz, 5720 MHz, Port 8, Radio 1, 8x8

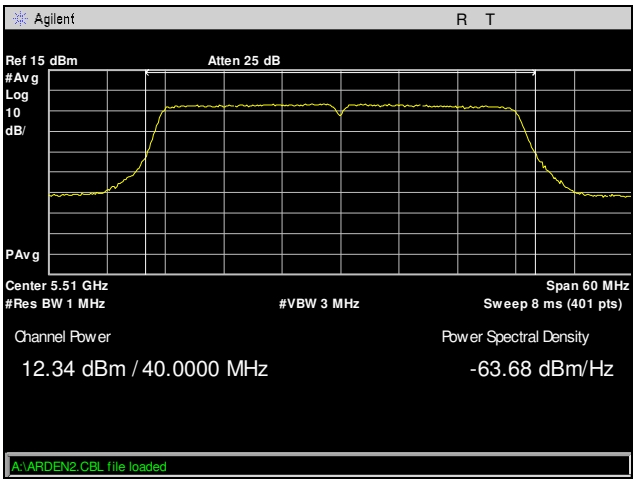
Conducted Output Power, 802.11ac 40 MHz, Port 1, Radio 0, 8x8



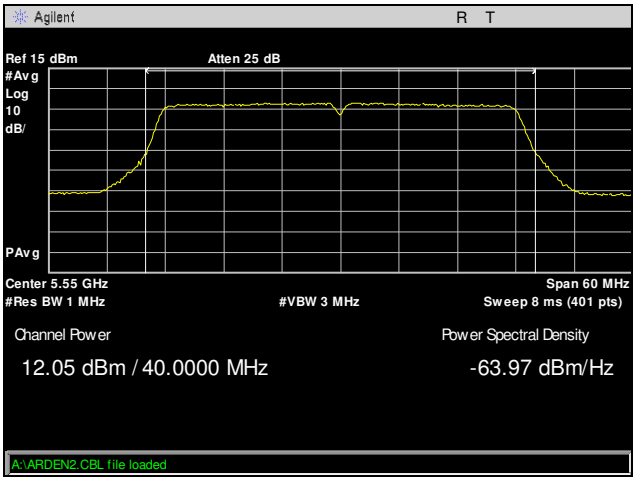
Plot 331. Conducted Output Power, 802.11ac 40 MHz, 5270 MHz, Port 1, Radio 0, 8x8



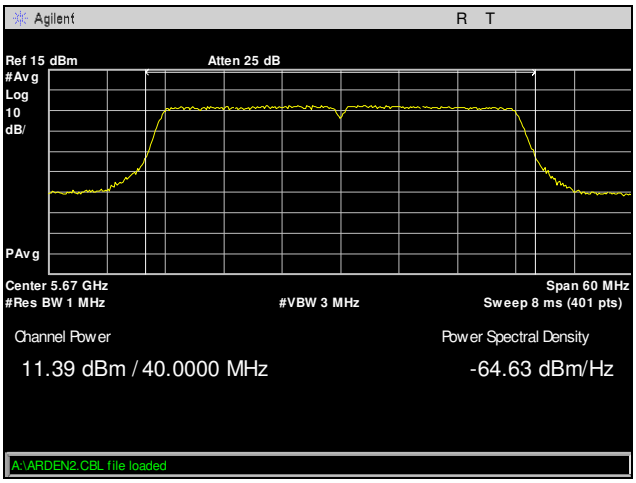
Plot 332. Conducted Output Power, 802.11ac 40 MHz, 5310 MHz, Port 1, Radio 0, 8x8



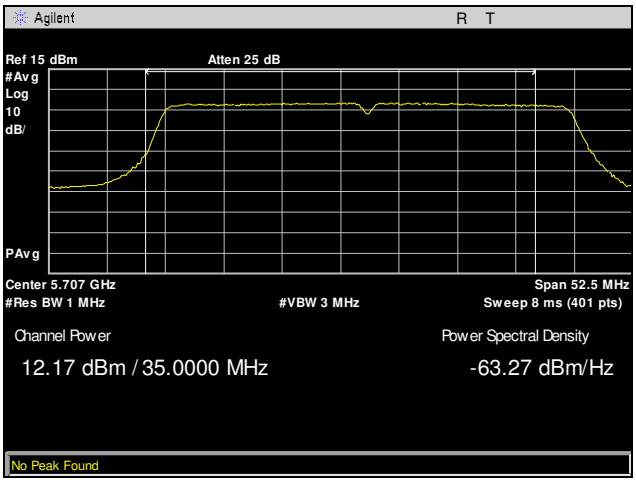
Plot 333. Conducted Output Power, 802.11ac 40 MHz, 5510 MHz, Port 1, Radio 0, 8x8



Plot 334. Conducted Output Power, 802.11ac 40 MHz, 5550 MHz, Port 1, Radio 0, 8x8

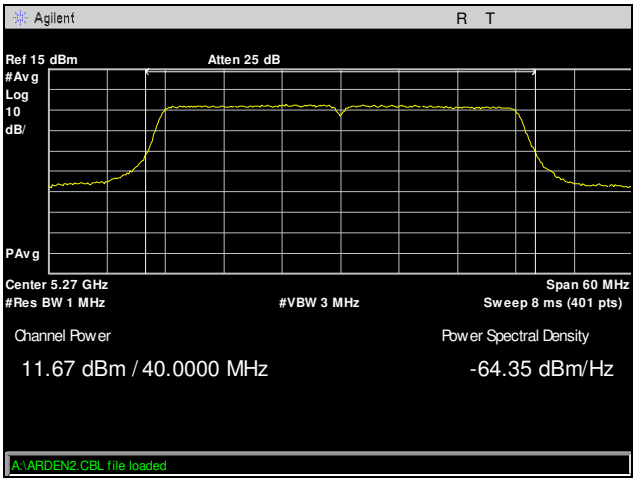


Plot 335. Conducted Output Power, 802.11ac 40 MHz, 5670 MHz, Port 1, Radio 0, 8x8

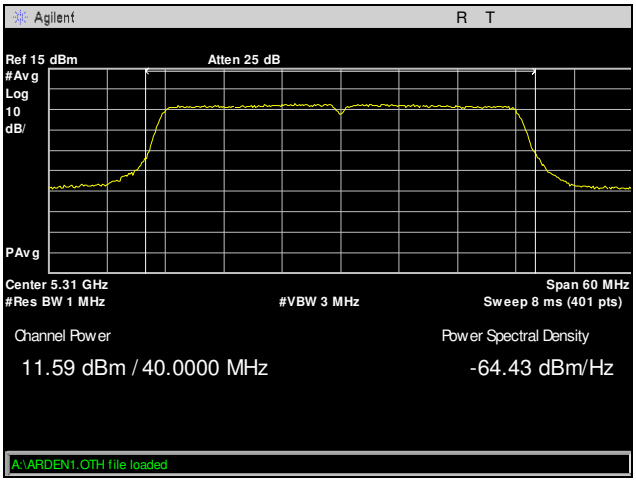


Plot 336. Conducted Output Power, 802.11ac 40 MHz, 5710 MHz, Port 1, Radio 0, 8x8

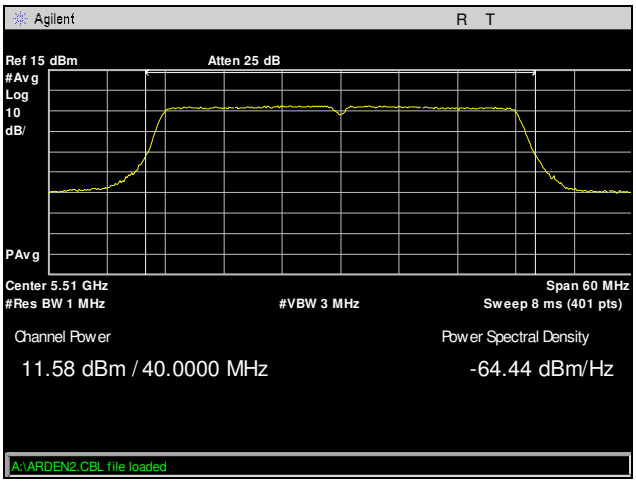
Conducted Output Power, 802.11ac 40 MHz, Port 2, Radio 0, 8x8



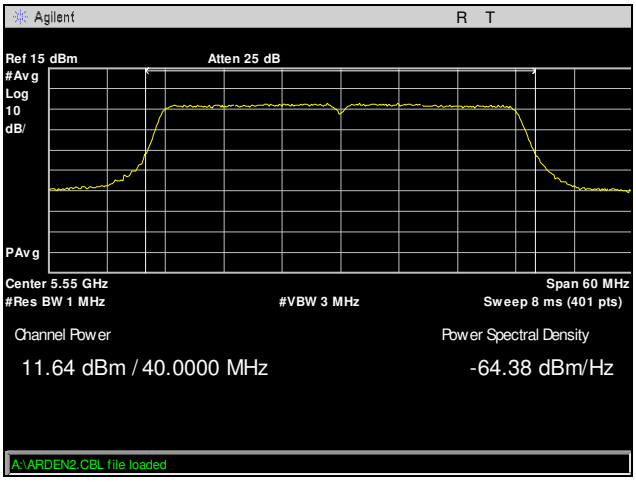
Plot 337. Conducted Output Power, 802.11ac 40 MHz, 5270 MHz, Port 2, Radio 0, 8x8



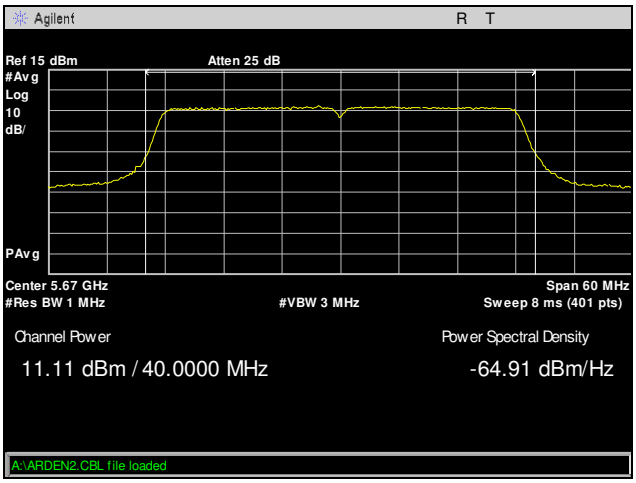
Plot 338. Conducted Output Power, 802.11ac 40 MHz, 5310 MHz, Port 2, Radio 0, 8x8



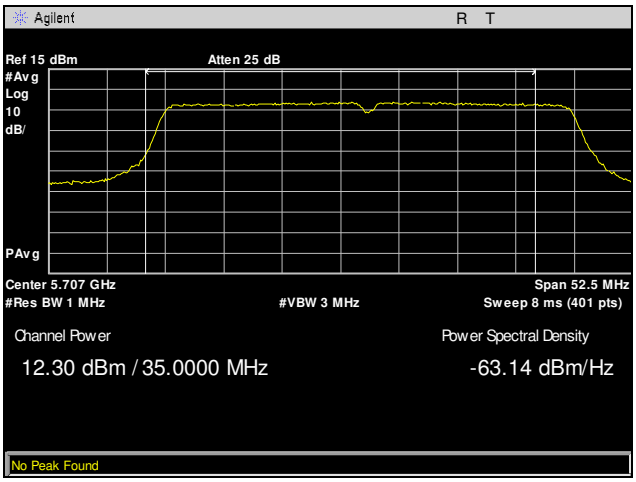
Plot 339. Conducted Output Power, 802.11ac 40 MHz, 5510 MHz, Port 2, Radio 0, 8x8



Plot 340. Conducted Output Power, 802.11ac 40 MHz, 5550 MHz, Port 2, Radio 0, 8x8

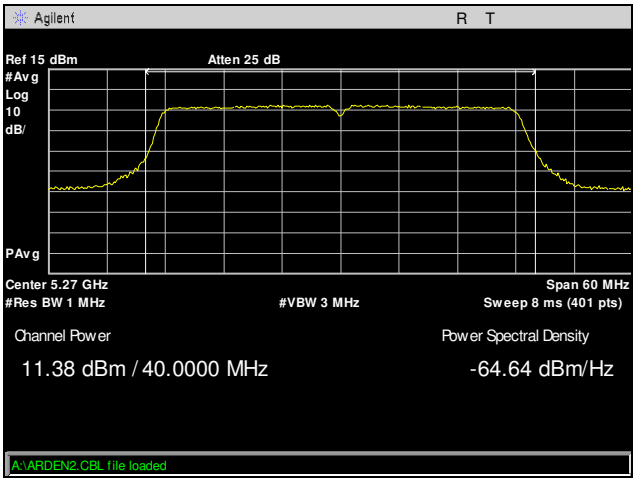


Plot 341. Conducted Output Power, 802.11ac 40 MHz, 5670 MHz, Port 2, Radio 0, 8x8

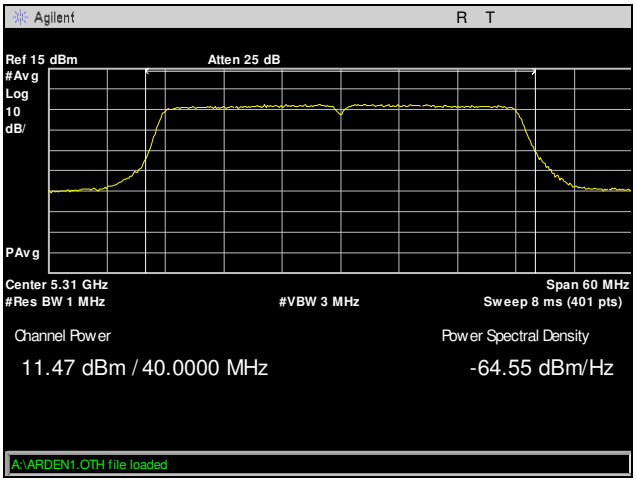


Plot 342. Conducted Output Power, 802.11ac 40 MHz, 5710 MHz, Port 2, Radio 0, 8x8

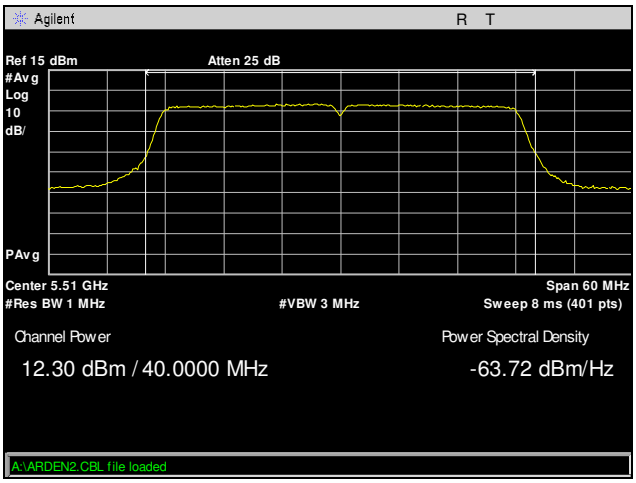
Conducted Output Power, 802.11ac 40 MHz, Port 3, Radio 0, 8x8



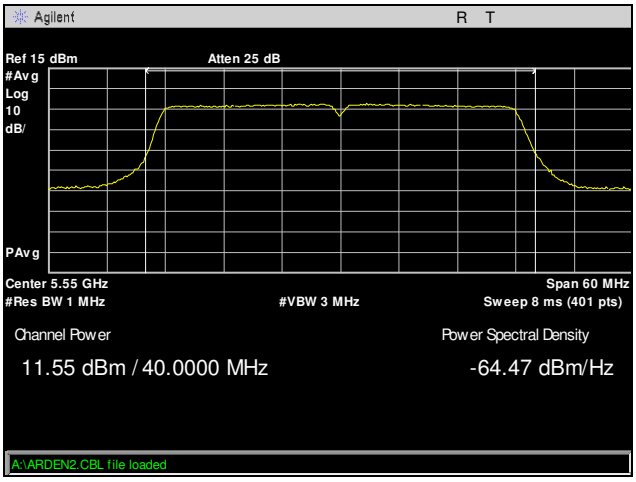
Plot 343. Conducted Output Power, 802.11ac 40 MHz, 5270 MHz, Port 3, Radio 0, 8x8



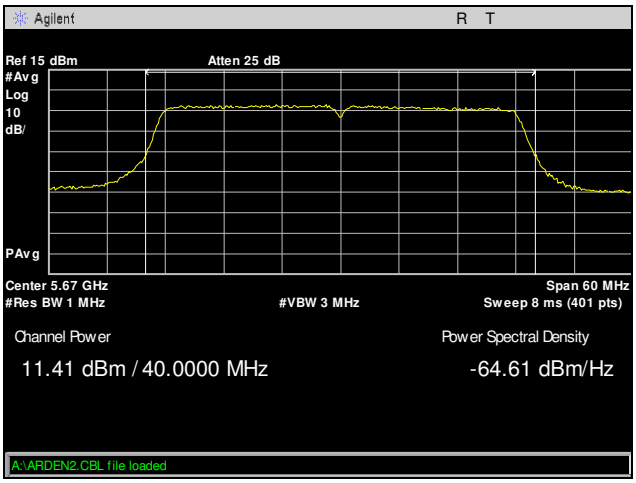
Plot 344. Conducted Output Power, 802.11ac 40 MHz, 5310 MHz, Port 3, Radio 0, 8x8



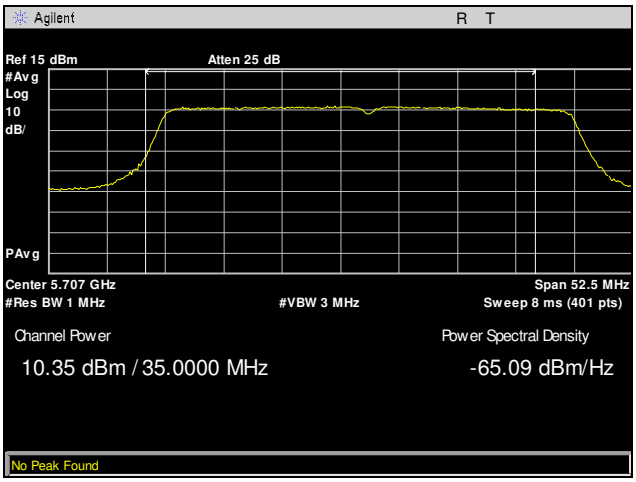
Plot 345. Conducted Output Power, 802.11ac 40 MHz, 5510 MHz, Port 3, Radio 0, 8x8



Plot 346. Conducted Output Power, 802.11ac 40 MHz, 5550 MHz, Port 3, Radio 0, 8x8

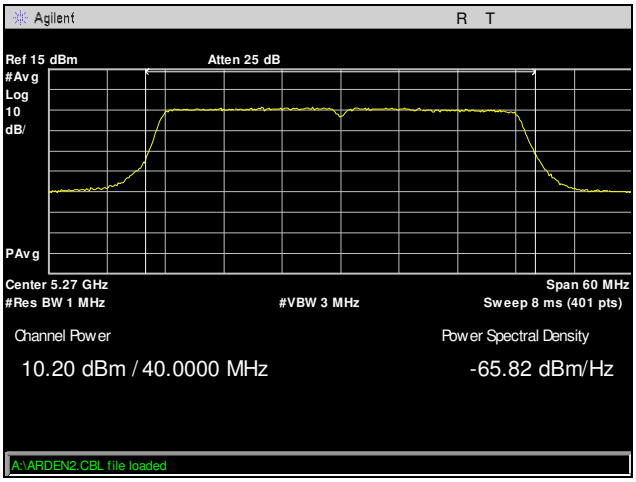


Plot 347. Conducted Output Power, 802.11ac 40 MHz, 5670 MHz, Port 3, Radio 0, 8x8

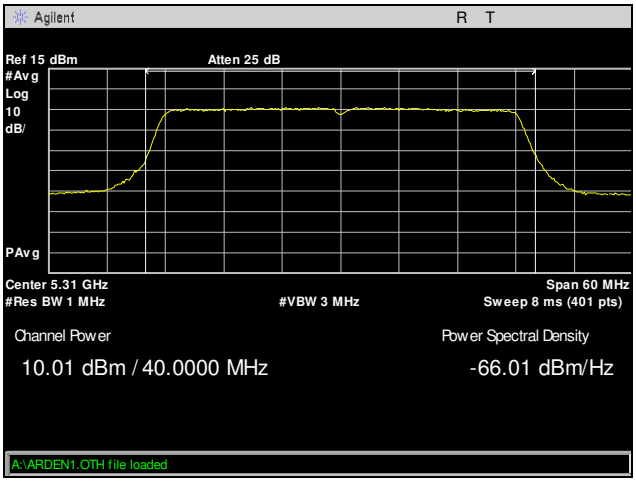


Plot 348. Conducted Output Power, 802.11ac 40 MHz, 5710 MHz, Port 3, Radio 0, 8x8

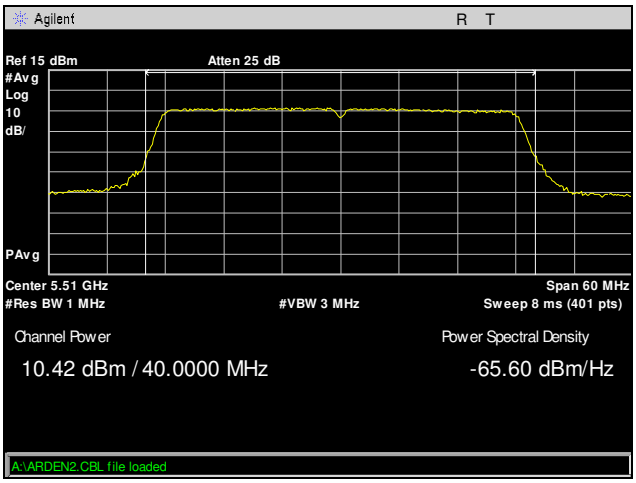
Conducted Output Power, 802.11ac 40 MHz, Port 4, Radio 0, 8x8



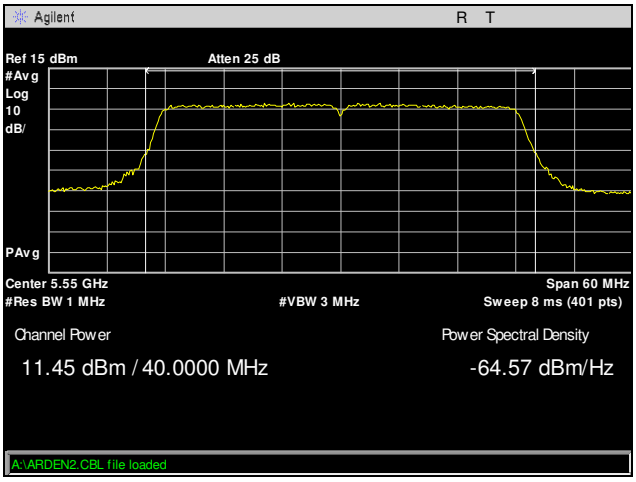
Plot 349. Conducted Output Power, 802.11ac 40 MHz, 5270 MHz, Port 4, Radio 0, 8x8



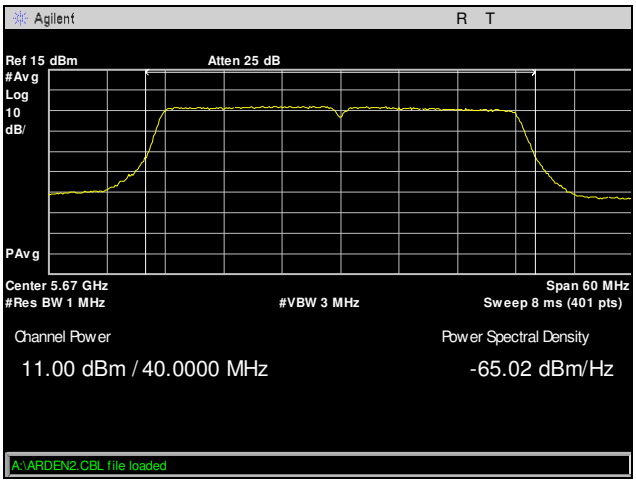
Plot 350. Conducted Output Power, 802.11ac 40 MHz, 5310 MHz, Port 4, Radio 0, 8x8



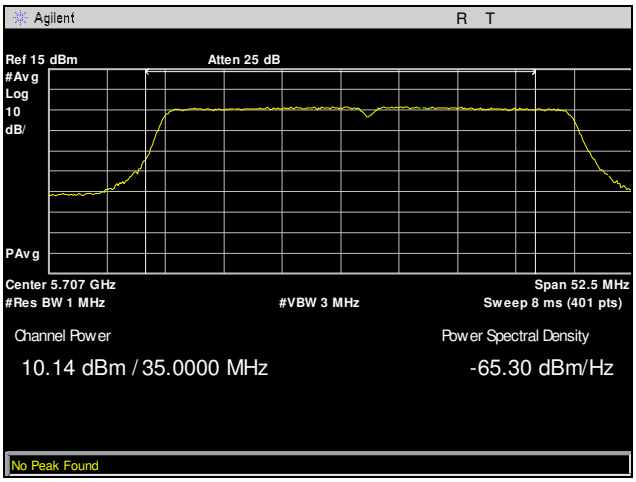
Plot 351. Conducted Output Power, 802.11ac 40 MHz, 5510 MHz, Port 4, Radio 0, 8x8



Plot 352. Conducted Output Power, 802.11ac 40 MHz, 5550 MHz, Port 4, Radio 0, 8x8

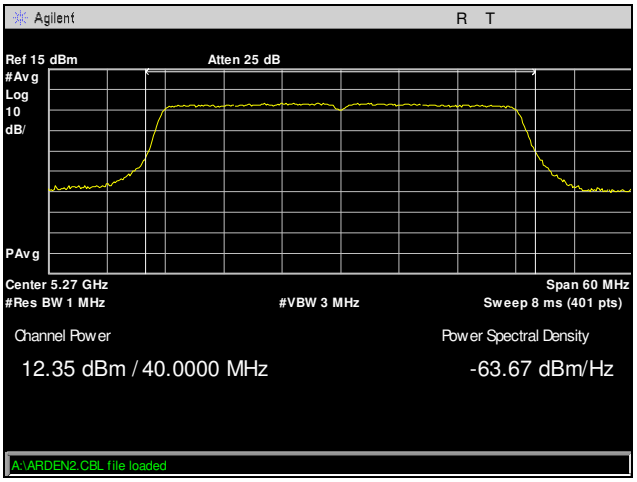


Plot 353. Conducted Output Power, 802.11ac 40 MHz, 5670 MHz, Port 4, Radio 0, 8x8

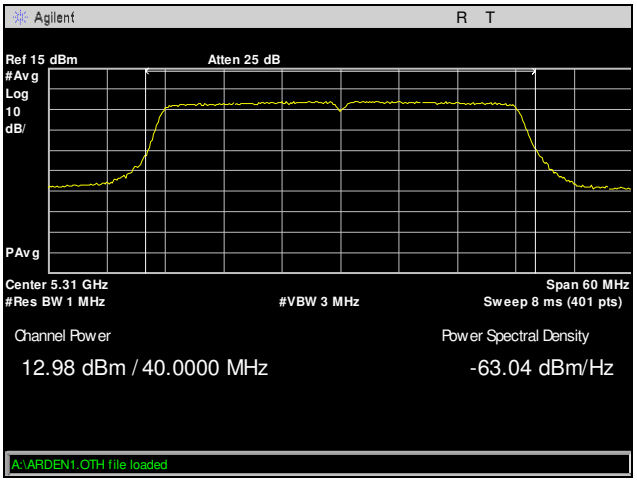


Plot 354. Conducted Output Power, 802.11ac 40 MHz, 5710 MHz, Port 4, Radio 0, 8x8

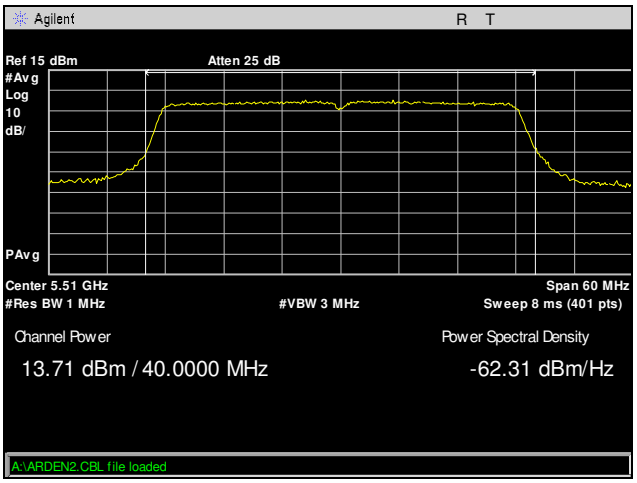
Conducted Output Power, 802.11ac 40 MHz, Port 5, Radio 1, 8x8



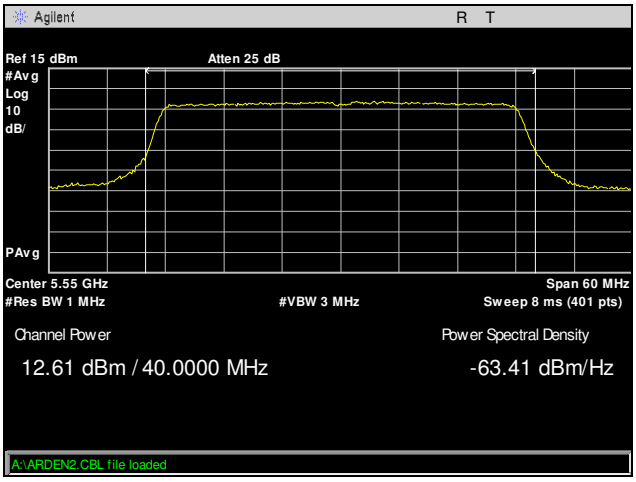
Plot 355. Conducted Output Power, 802.11ac 40 MHz, 5270 MHz, Port 5, Radio 1, 8x8



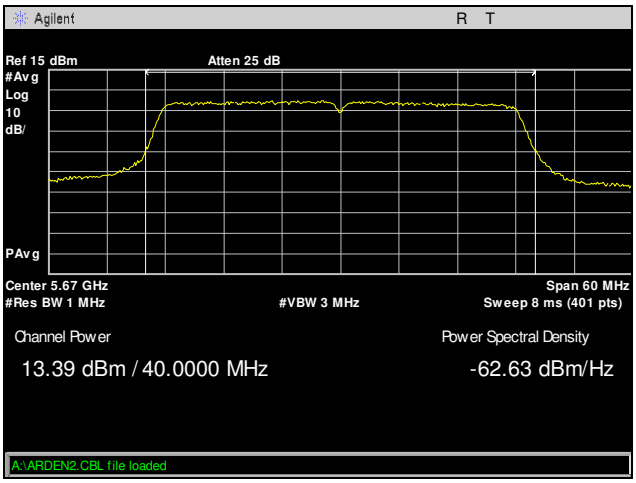
Plot 356. Conducted Output Power, 802.11ac 40 MHz, 5310 MHz, Port 5, Radio 1, 8x8



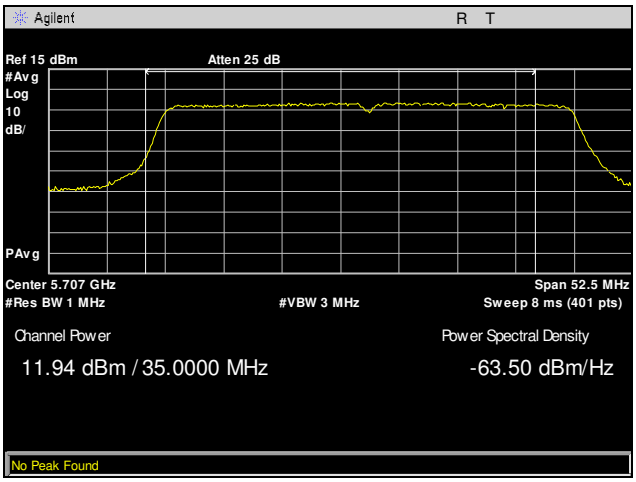
Plot 357. Conducted Output Power, 802.11ac 40 MHz, 5510 MHz, Port 5, Radio 1, 8x8



Plot 358. Conducted Output Power, 802.11ac 40 MHz, 5550 MHz, Port 5, Radio 1, 8x8

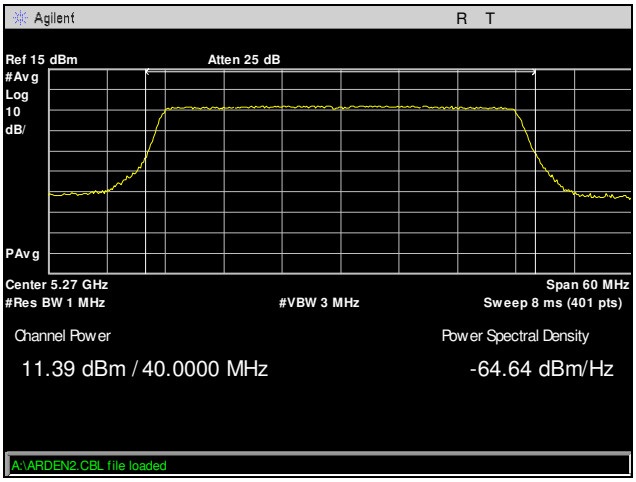


Plot 359. Conducted Output Power, 802.11ac 40 MHz, 5670 MHz, Port 5, Radio 1, 8x8

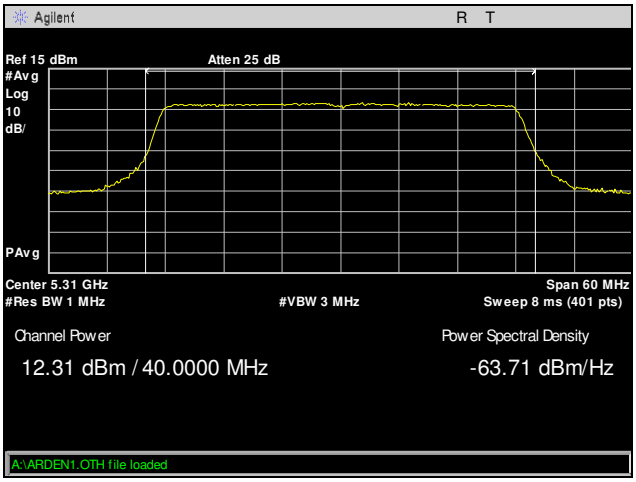


Plot 360. Conducted Output Power, 802.11ac 40 MHz, 5710 MHz, Port 5, Radio 1, 8x8

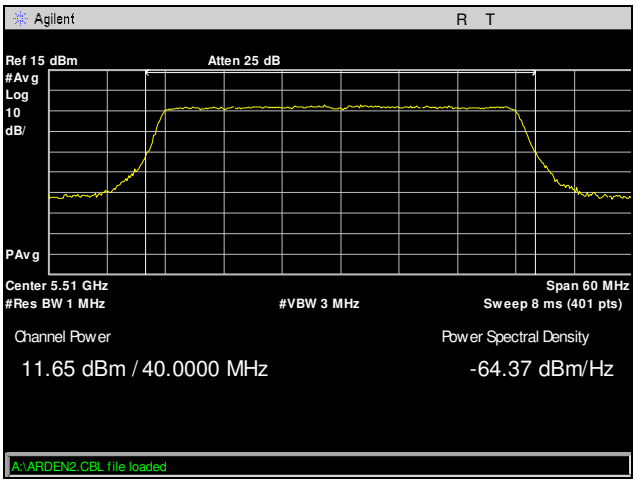
Conducted Output Power, 802.11ac 40 MHz, Port 6, Radio 1, 8x8



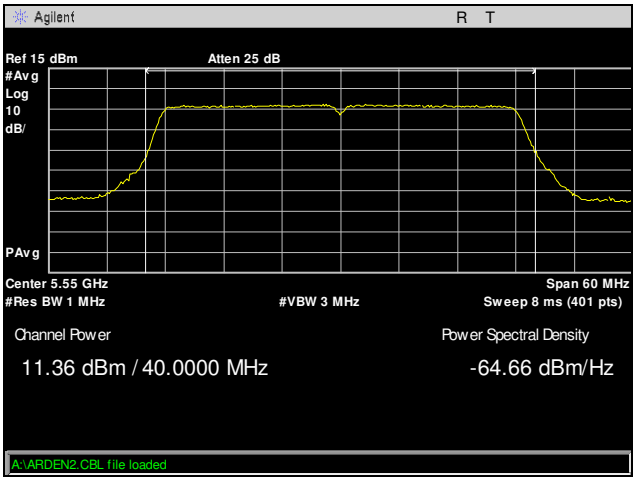
Plot 361. Conducted Output Power, 802.11ac 40 MHz, 5270 MHz, Port 6, Radio 1, 8x8



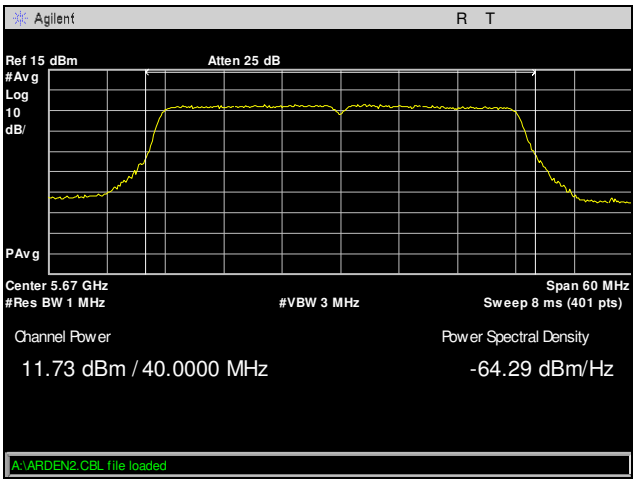
Plot 362. Conducted Output Power, 802.11ac 40 MHz, 5310 MHz, Port 6, Radio 1, 8x8



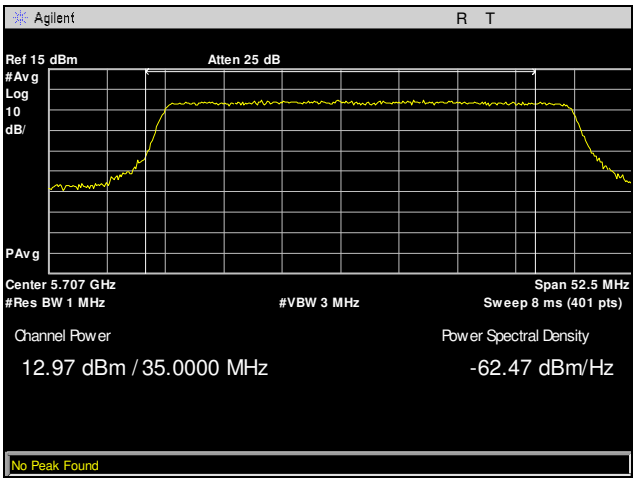
Plot 363. Conducted Output Power, 802.11ac 40 MHz, 5510 MHz, Port 6, Radio 1, 8x8



Plot 364. Conducted Output Power, 802.11ac 40 MHz, 5550 MHz, Port 6, Radio 1, 8x8

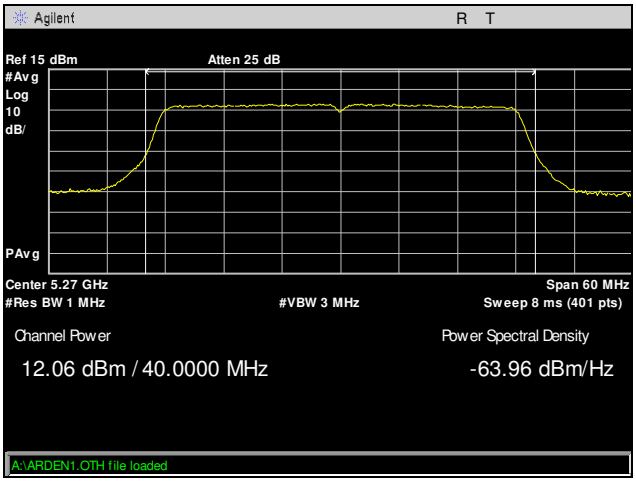


Plot 365. Conducted Output Power, 802.11ac 40 MHz, 5670 MHz, Port 6, Radio 1, 8x8

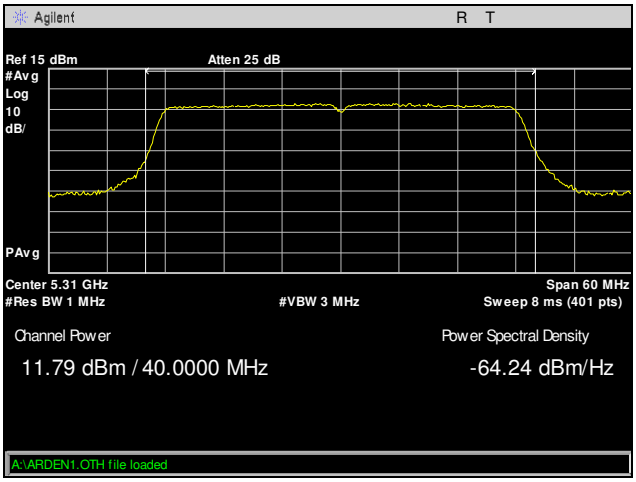


Plot 366. Conducted Output Power, 802.11ac 40 MHz, 5710 MHz, Port 6, Radio 1, 8x8

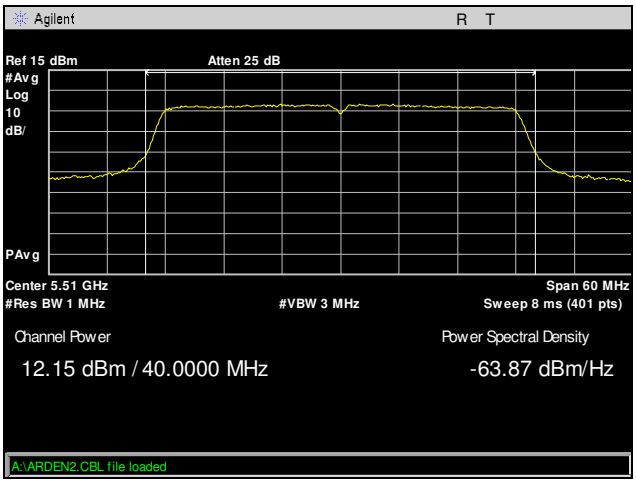
Conducted Output Power, 802.11ac 40 MHz, Port 7, Radio 1, 8x8



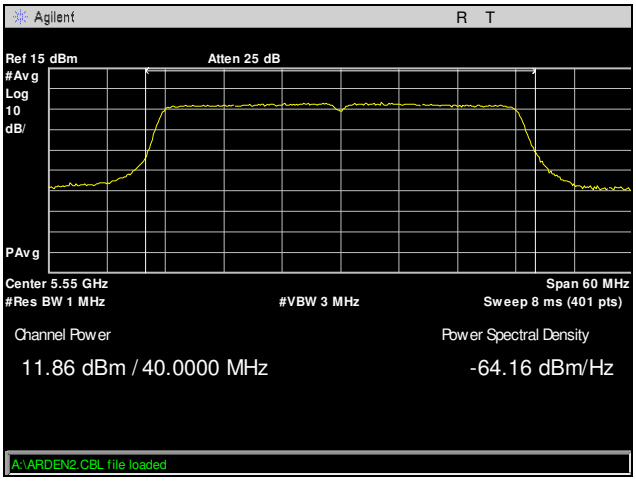
Plot 367. Conducted Output Power, 802.11ac 40 MHz, 5270 MHz, Port 7, Radio 1, 8x8



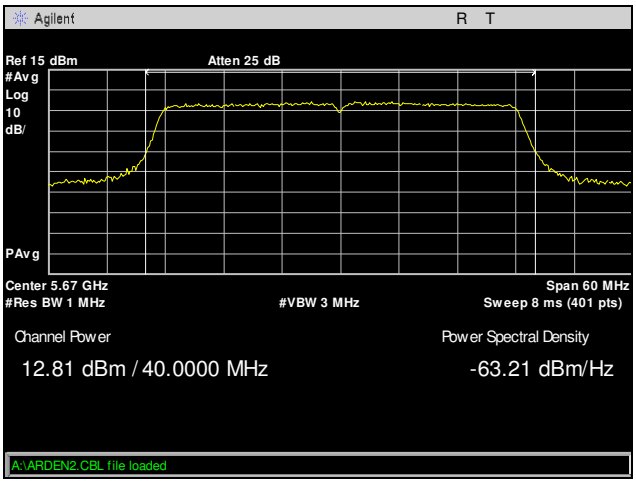
Plot 368. Conducted Output Power, 802.11ac 40 MHz, 5310 MHz, Port 7, Radio 1, 8x8



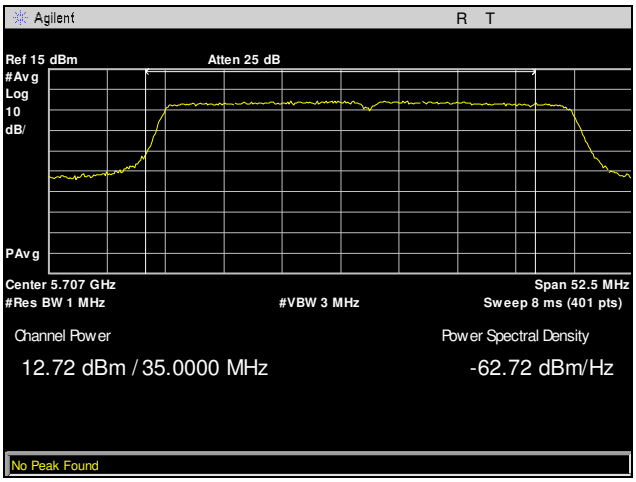
Plot 369. Conducted Output Power, 802.11ac 40 MHz, 5510 MHz, Port 7, Radio 1, 8x8



Plot 370. Conducted Output Power, 802.11ac 40 MHz, 5550 MHz, Port 7, Radio 1, 8x8

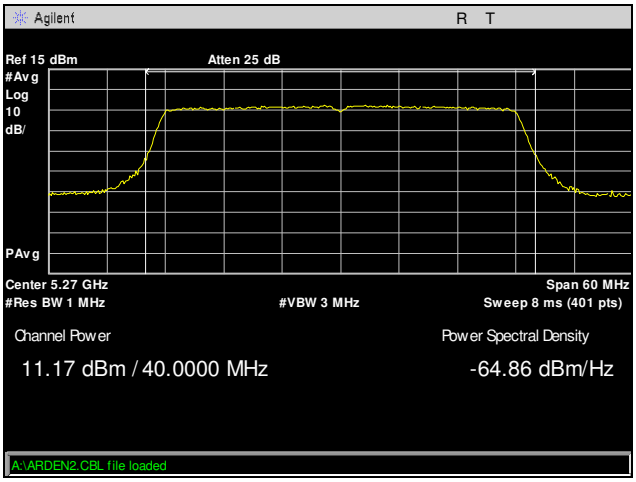


Plot 371. Conducted Output Power, 802.11ac 40 MHz, 5670 MHz, Port 7, Radio 1, 8x8

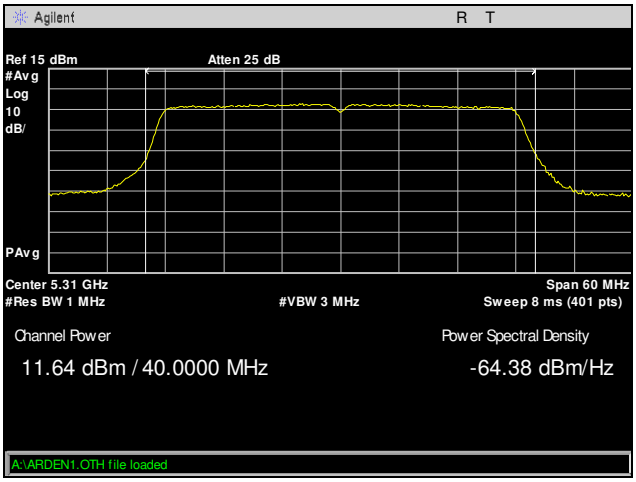


Plot 372. Conducted Output Power, 802.11ac 40 MHz, 5710 MHz, Port 7, Radio 1, 8x8

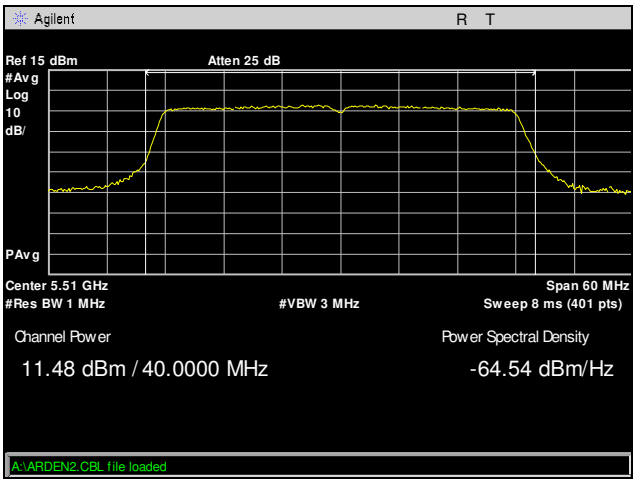
Conducted Output Power, 802.11ac 40 MHz, Port 8, Radio 1, 8x8



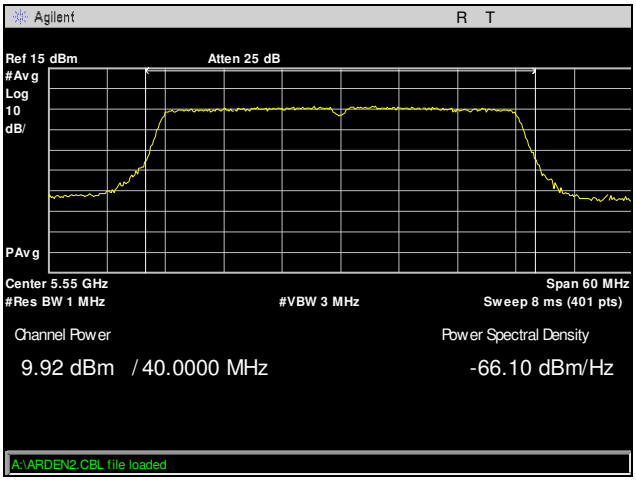
Plot 373. Conducted Output Power, 802.11ac 40 MHz, 5270 MHz, Port 8, Radio 1, 8x8



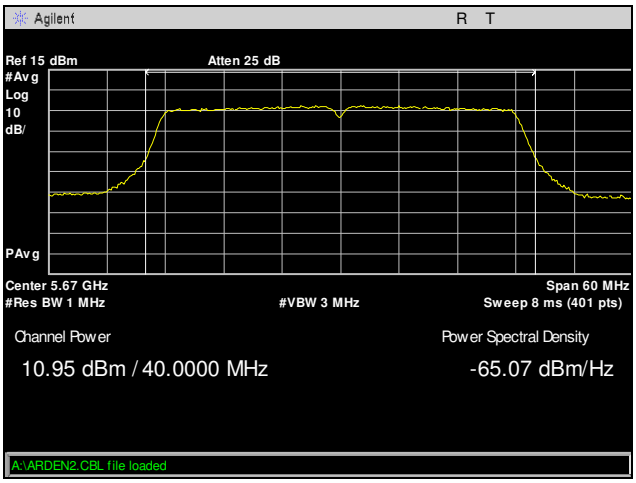
Plot 374. Conducted Output Power, 802.11ac 40 MHz, 5310 MHz, Port 8, Radio 1, 8x8



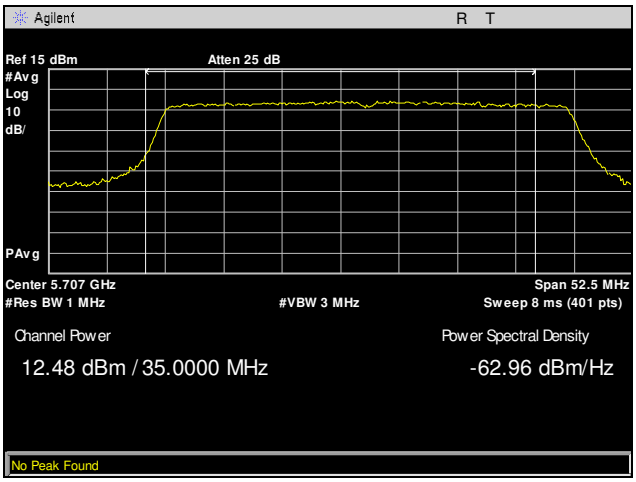
Plot 375. Conducted Output Power, 802.11ac 40 MHz, 5510 MHz, Port 8, Radio 1, 8x8



Plot 376. Conducted Output Power, 802.11ac 40 MHz, 5550 MHz, Port 8, Radio 1, 8x8

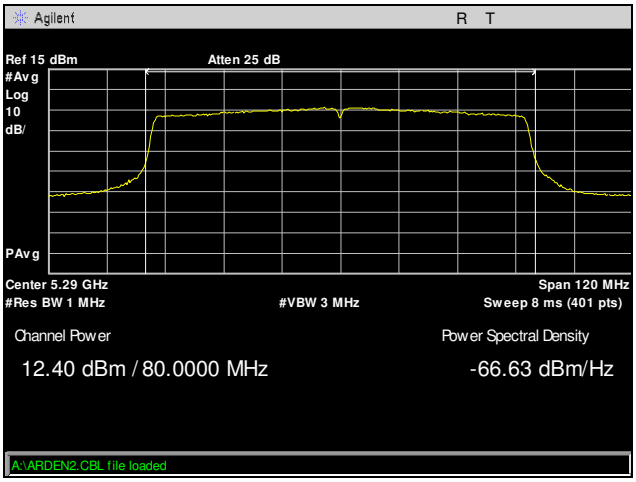


Plot 377. Conducted Output Power, 802.11ac 40 MHz, 5670 MHz, Port 8, Radio 1, 8x8

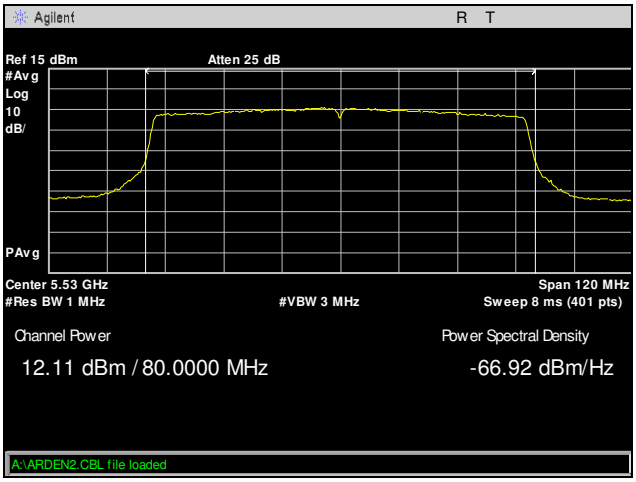


Plot 378. Conducted Output Power, 802.11ac 40 MHz, 5710 MHz, Port 8, Radio 1, 8x8

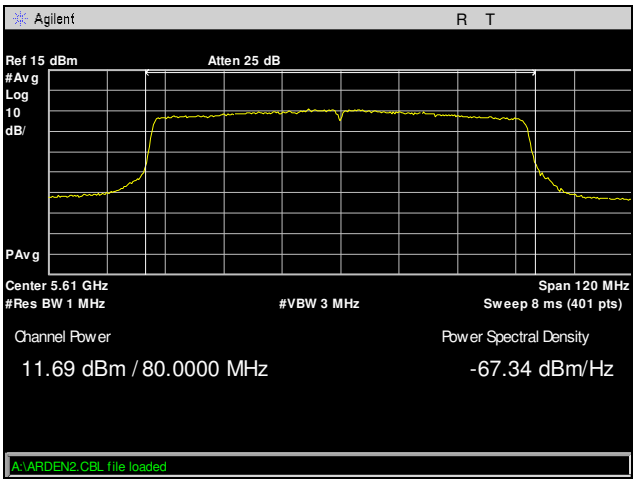
Conducted Output Power, 802.11ac 80 MHz, Port 1, Radio 0, 8x8



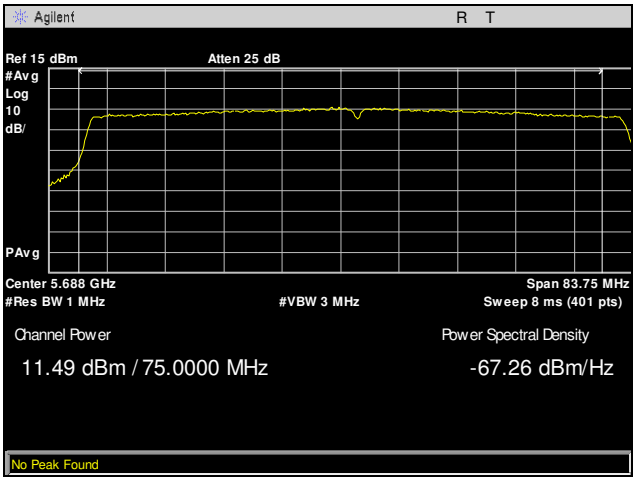
Plot 379. Conducted Output Power, 802.11ac 80 MHz, 5290 MHz, Port 1, Radio 0, 8x8



Plot 380. Conducted Output Power, 802.11ac 80 MHz, 5530 MHz, Port 1, Radio 0, 8x8

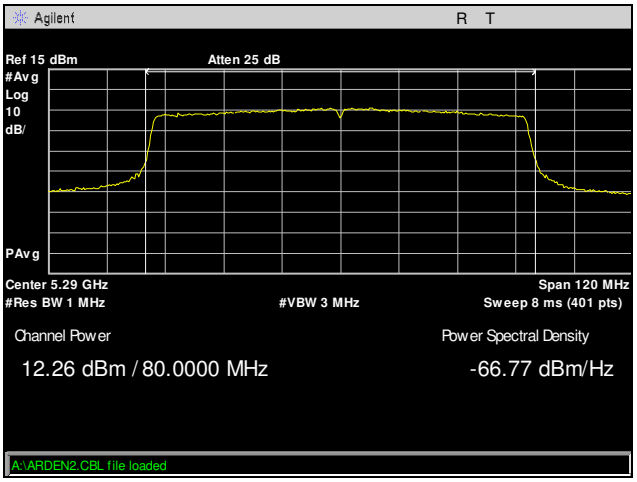


Plot 381. Conducted Output Power, 802.11ac 80 MHz, 5610 MHz, Port 1, Radio 0, 8x8

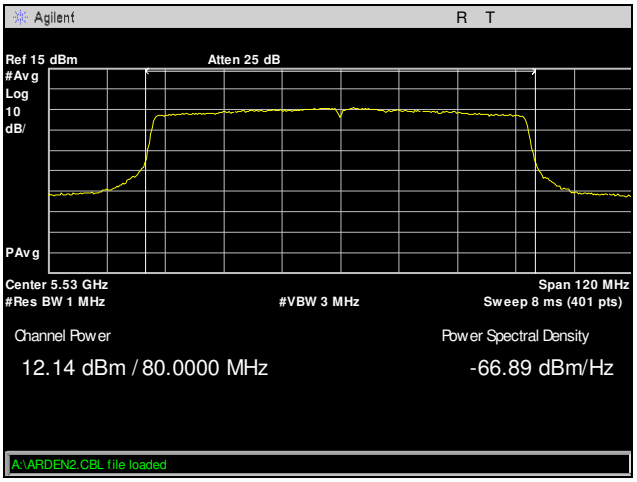


Plot 382. Conducted Output Power, 802.11ac 80 MHz, 5690 MHz, Port 1, Radio 0, 8x8

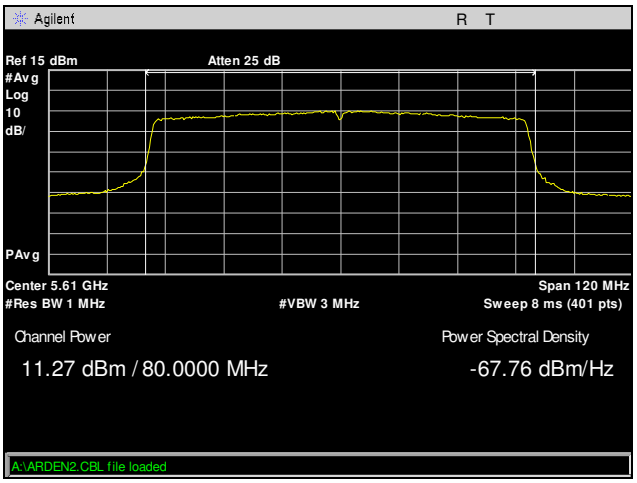
Conducted Output Power, 802.11ac 80 MHz, Port 2, Radio 0, 8x8



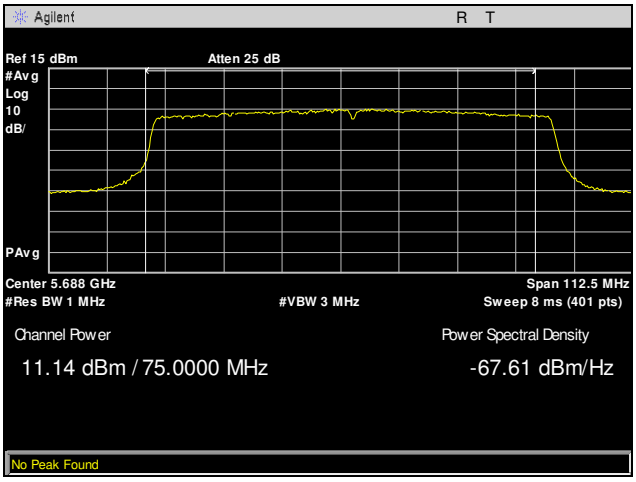
Plot 383. Conducted Output Power, 802.11ac 80 MHz, 5290 MHz, Port 2, Radio 0, 8x8



Plot 384. Conducted Output Power, 802.11ac 80 MHz, 5530 MHz, Port 2, Radio 0, 8x8

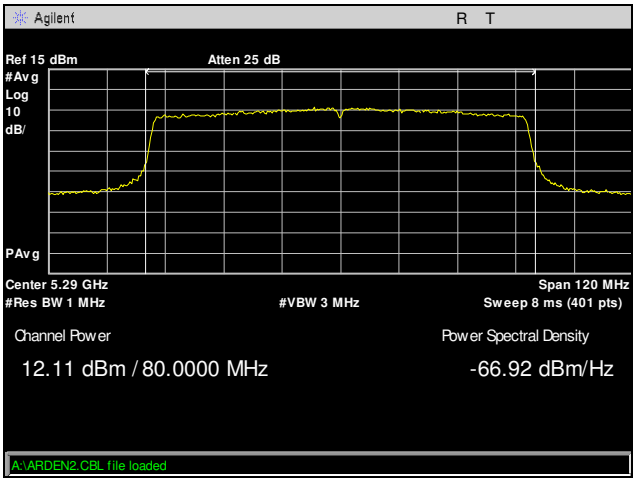


Plot 385. Conducted Output Power, 802.11ac 80 MHz, 5610 MHz, Port 2, Radio 0, 8x8

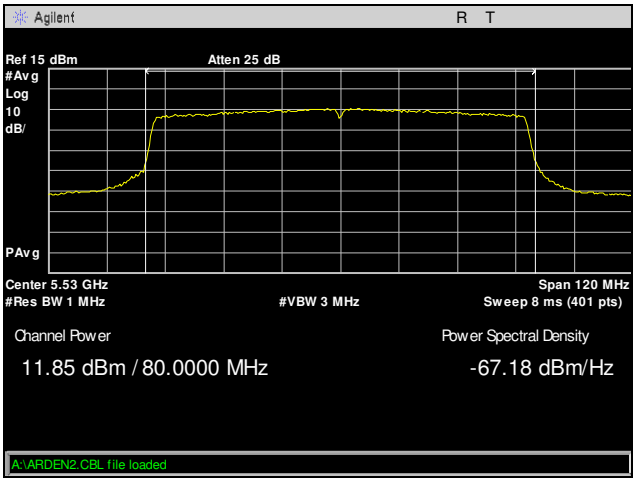


Plot 386. Conducted Output Power, 802.11ac 80 MHz, 5690 MHz, Port 2, Radio 0, 8x8

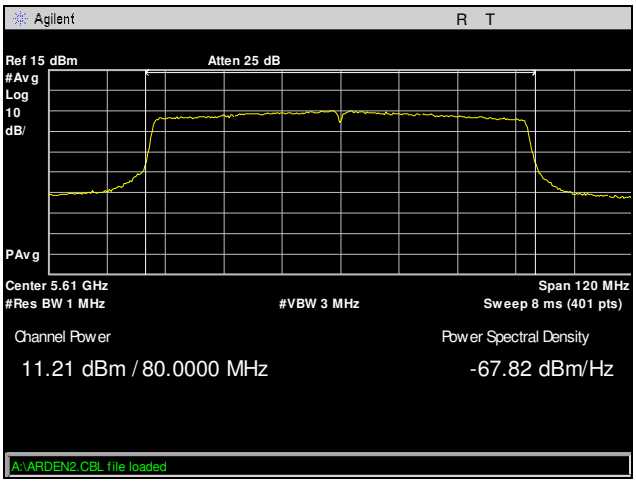
Conducted Output Power, 802.11ac 80 MHz, Port 3, Radio 0, 8x8



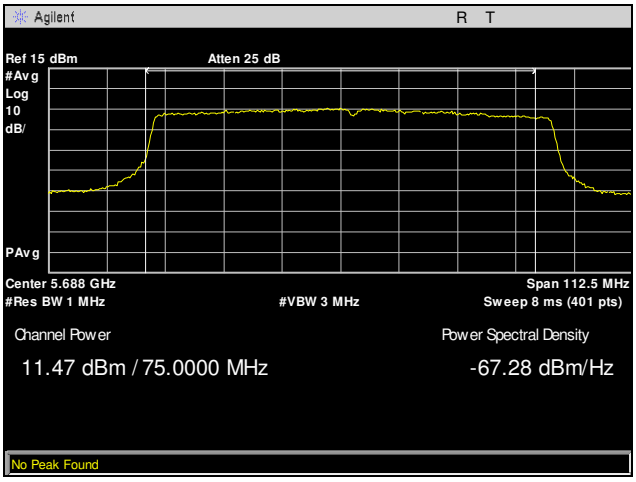
Plot 387. Conducted Output Power, 802.11ac 80 MHz, 5290 MHz, Port 3, Radio 0, 8x8



Plot 388. Conducted Output Power, 802.11ac 80 MHz, 5530 MHz, Port 3, Radio 0, 8x8

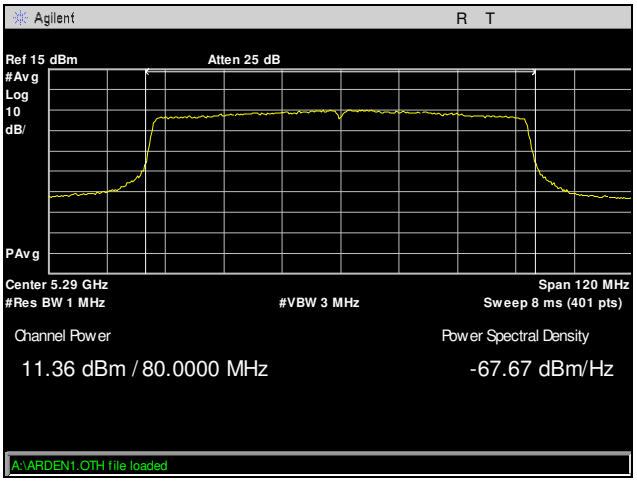


Plot 389. Conducted Output Power, 802.11ac 80 MHz, 5610 MHz, Port 3, Radio 0, 8x8

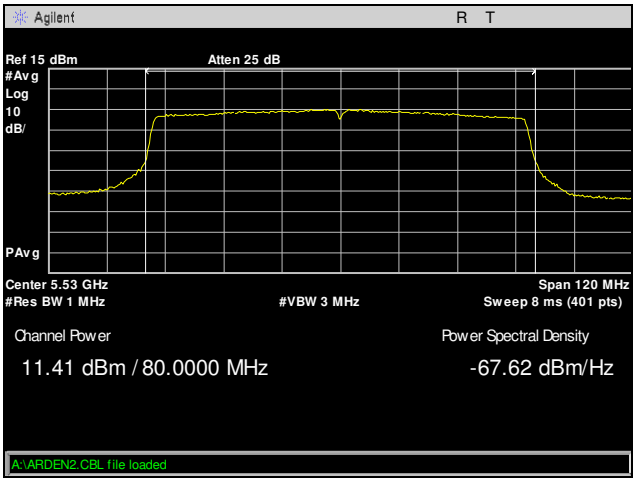


Plot 390. Conducted Output Power, 802.11ac 80 MHz, 5690 MHz, Port 3, Radio 0, 8x8

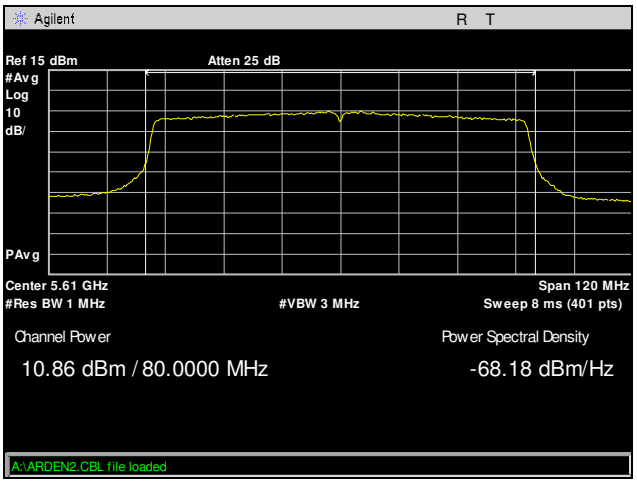
Conducted Output Power, 802.11ac 80 MHz, Port 4, Radio 0, 8x8



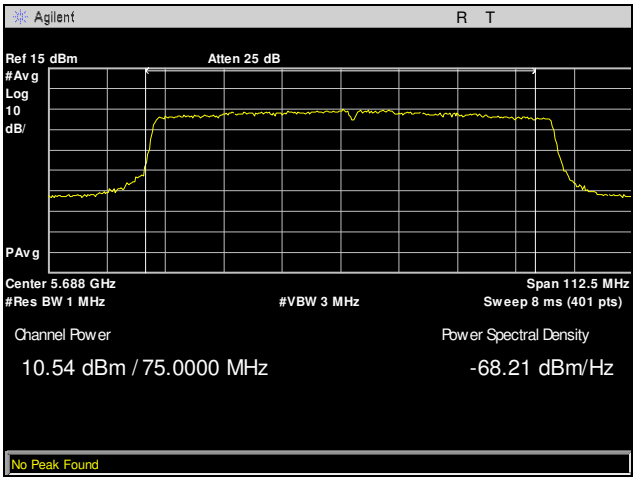
Plot 391. Conducted Output Power, 802.11ac 80 MHz, 5290 MHz, Port 4, Radio 0, 8x8



Plot 392. Conducted Output Power, 802.11ac 80 MHz, 5530 MHz, Port 4, Radio 0, 8x8

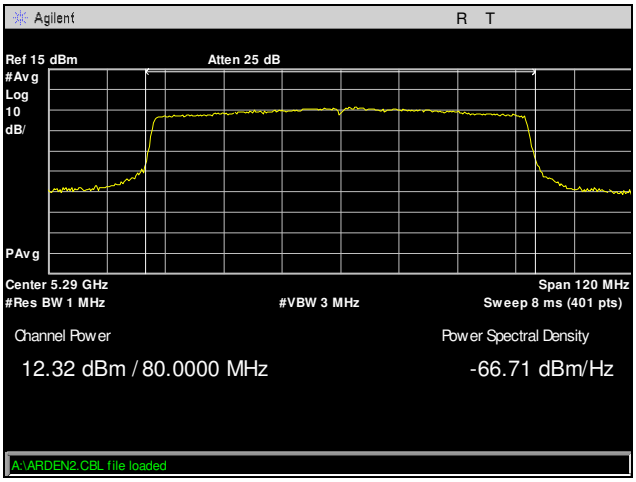


Plot 393. Conducted Output Power, 802.11ac 80 MHz, 5610 MHz, Port 4, Radio 0, 8x8

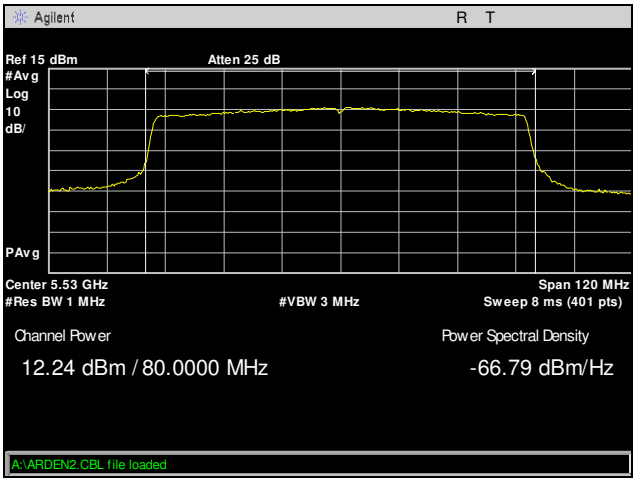


Plot 394. Conducted Output Power, 802.11ac 80 MHz, 5690 MHz, Port 4, Radio 0, 8x8

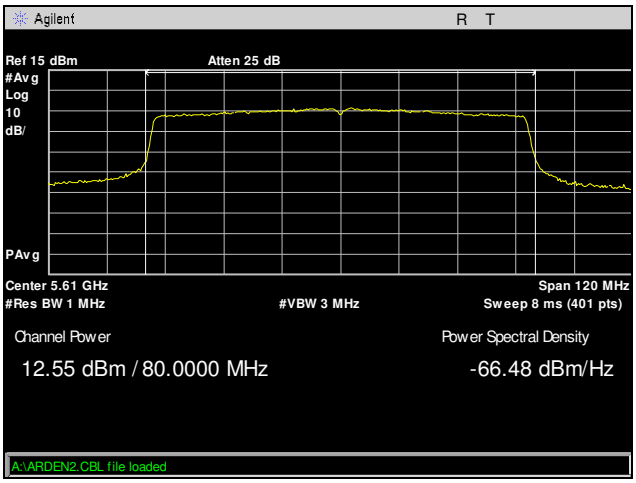
Conducted Output Power, 802.11ac 80 MHz, Port 5, Radio 1, 8x8



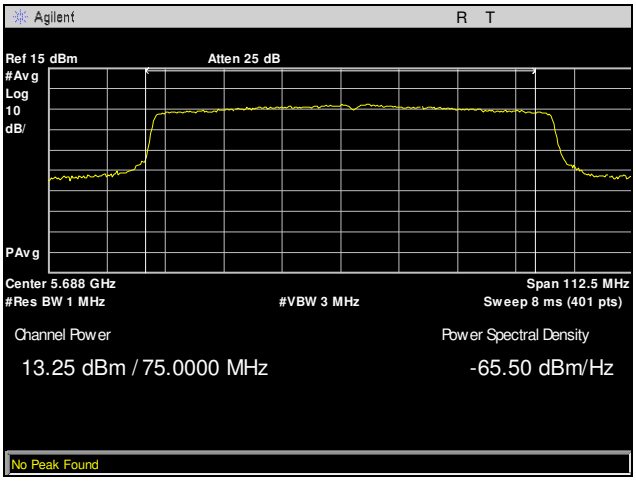
Plot 395. Conducted Output Power, 802.11ac 80 MHz, 5290 MHz, Port 5, Radio 1, 8x8



Plot 396. Conducted Output Power, 802.11ac 80 MHz, 5530 MHz, Port 5, Radio 1, 8x8

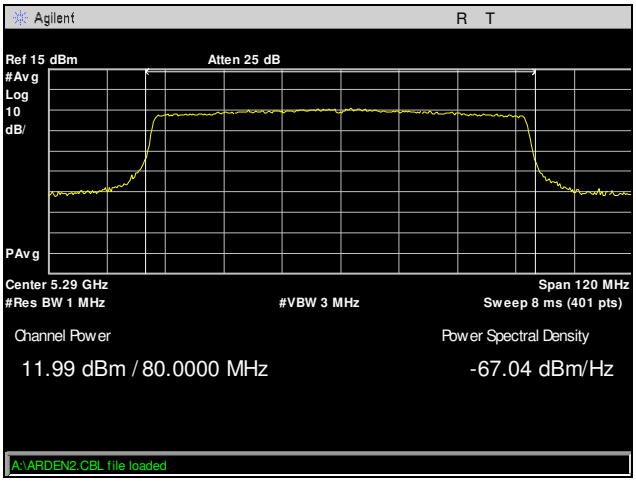


Plot 397. Conducted Output Power, 802.11ac 80 MHz, 5610 MHz, Port 5, Radio 1, 8x8

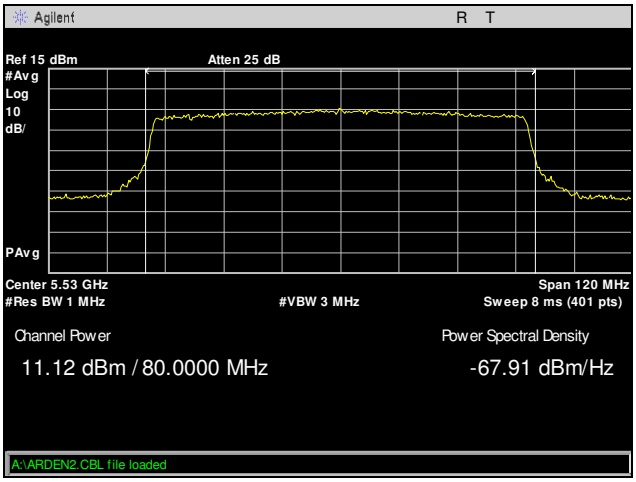


Plot 398. Conducted Output Power, 802.11ac 80 MHz, 5690 MHz, Port 5, Radio 1, 8x8

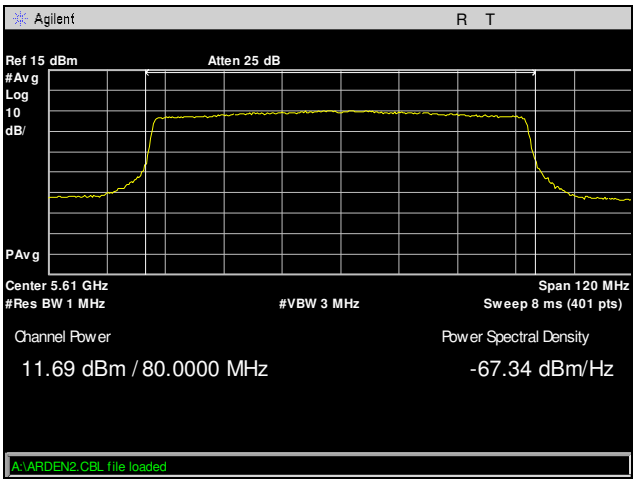
Conducted Output Power, 802.11ac 80 MHz, Port 6, Radio 1, 8x8



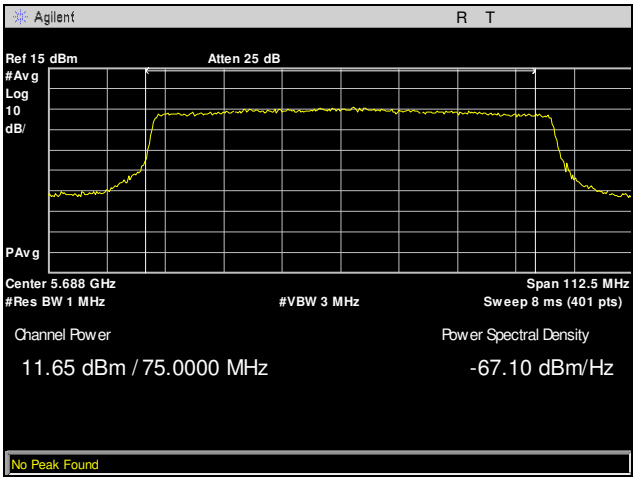
Plot 399. Conducted Output Power, 802.11ac 80 MHz, 5290 MHz, Port 6, Radio 1, 8x8



Plot 400. Conducted Output Power, 802.11ac 80 MHz, 5530 MHz, Port 6, Radio 1, 8x8

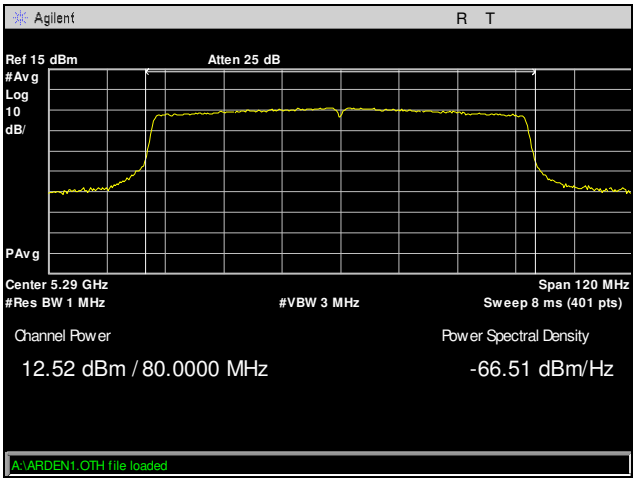


Plot 401. Conducted Output Power, 802.11ac 80 MHz, 5610 MHz, Port 6, Radio 1, 8x8

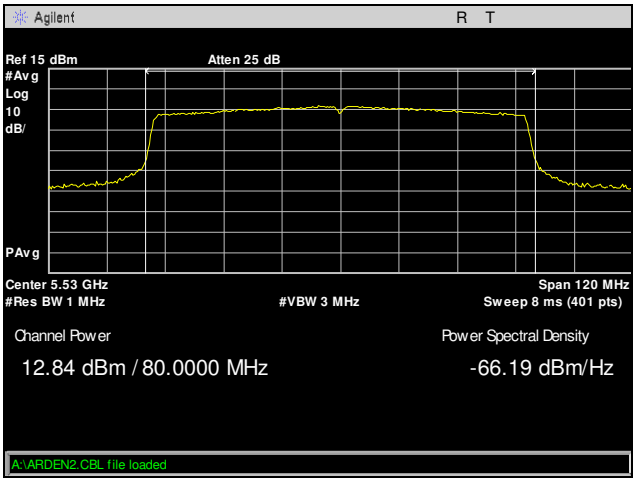


Plot 402. Conducted Output Power, 802.11ac 80 MHz, 5690 MHz, Port 6, Radio 1, 8x8

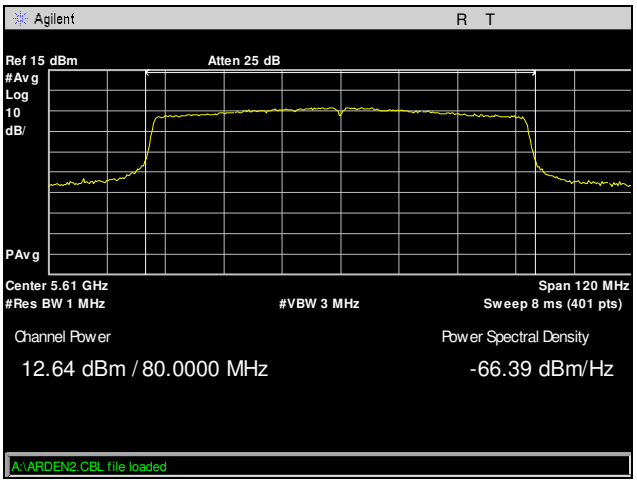
Conducted Output Power, 802.11ac 80 MHz, Port 7, Radio 1, 8x8



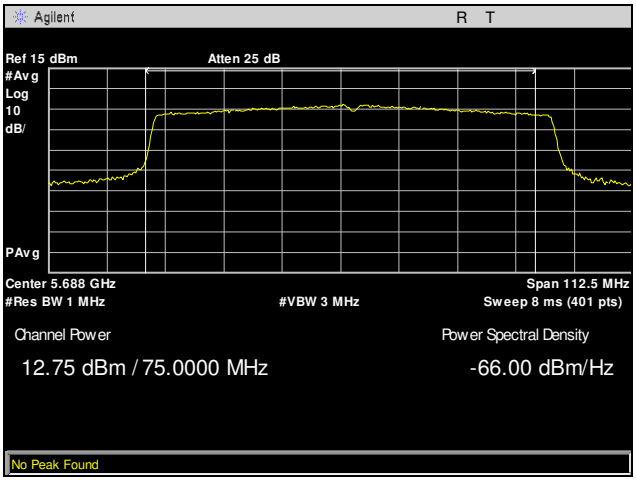
Plot 403. Conducted Output Power, 802.11ac 80 MHz, 5290 MHz, Port 7, Radio 1, 8x8



Plot 404. Conducted Output Power, 802.11ac 80 MHz, 5530 MHz, Port 7, Radio 1, 8x8

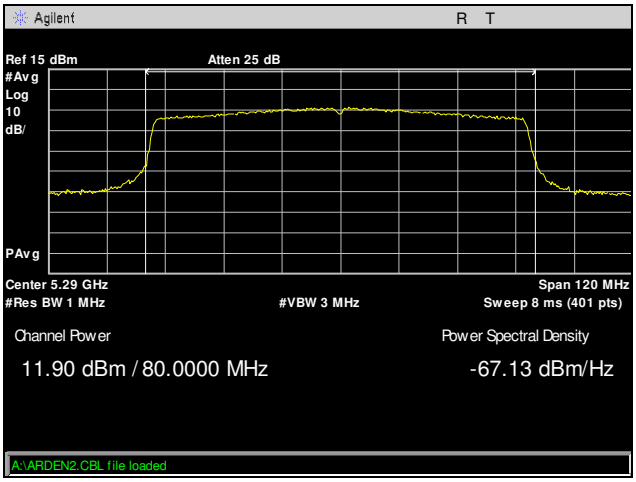


Plot 405. Conducted Output Power, 802.11ac 80 MHz, 5610 MHz, Port 7, Radio 1, 8x8

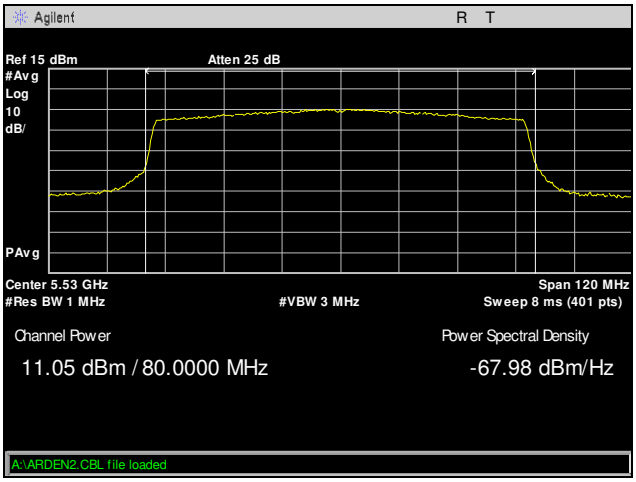


Plot 406. Conducted Output Power, 802.11ac 80 MHz, 5690 MHz, Port 7, Radio 1, 8x8

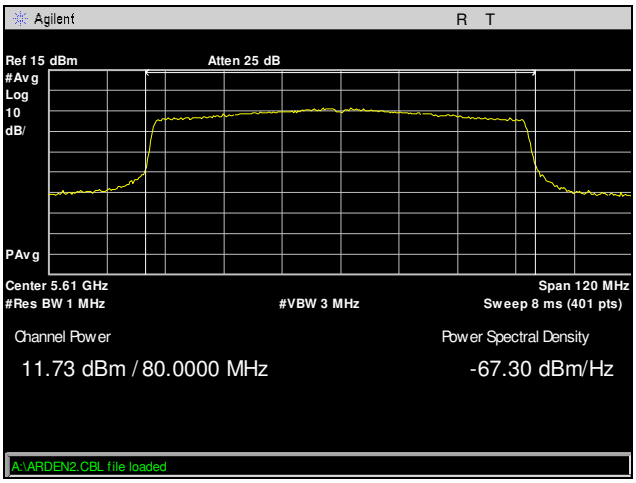
Conducted Output Power, 802.11ac 80 MHz, Port 8, Radio 1, 8x8



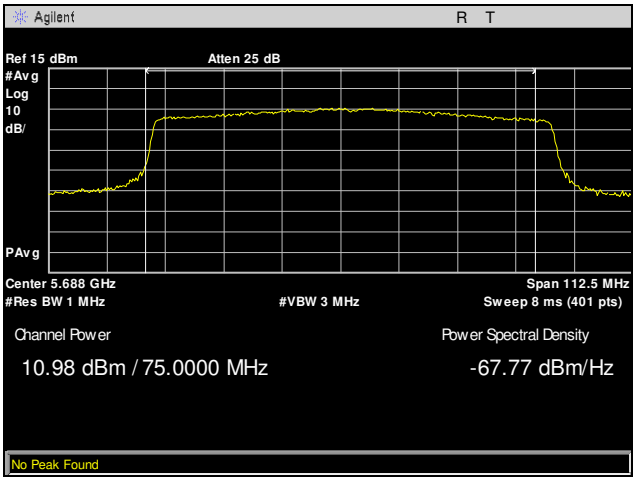
Plot 407. Conducted Output Power, 802.11ac 80 MHz, 5290 MHz, Port 8, Radio 1, 8x8



Plot 408. Conducted Output Power, 802.11ac 80 MHz, 5530 MHz, Port 8, Radio 1, 8x8

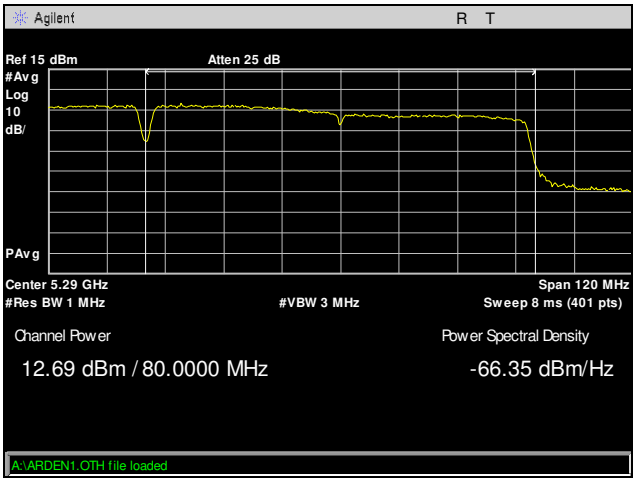


Plot 409. Conducted Output Power, 802.11ac 80 MHz, 5610 MHz, Port 8, Radio 1, 8x8

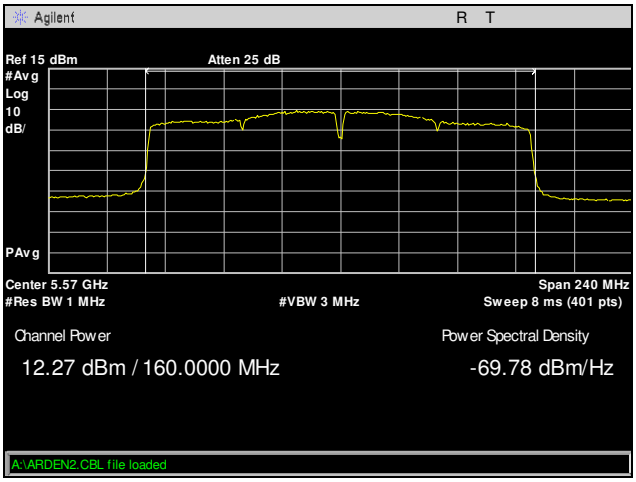


Plot 410. Conducted Output Power, 802.11ac 80 MHz, 5690 MHz, Port 8, Radio 1, 8x8

Conducted Output Power, 802.11ac 160 MHz, Port 1, Radio 0, 8x8

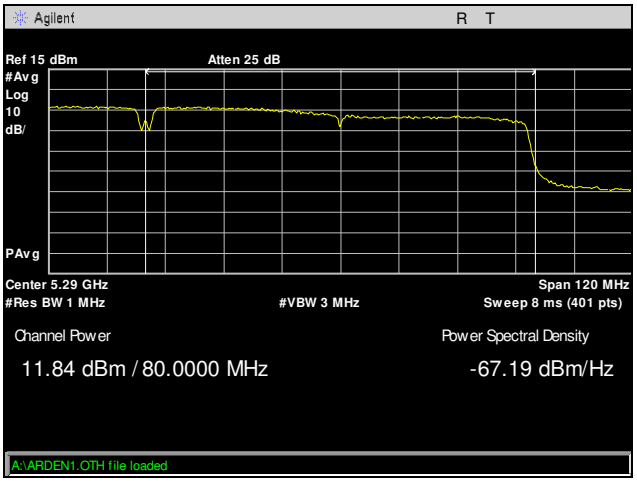


Plot 411. Conducted Output Power, 802.11ac 160 MHz, 5250 MHz, Port 1, Radio 0, 8x8

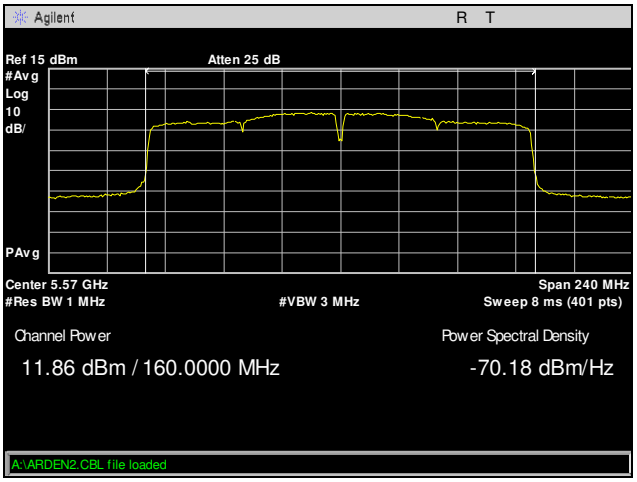


Plot 412. Conducted Output Power, 802.11ac 160 MHz, 5570 MHz, Port 1, Radio 0, 8x8

Conducted Output Power, 802.11ac 160 MHz, Port 2, Radio 0, 8x8

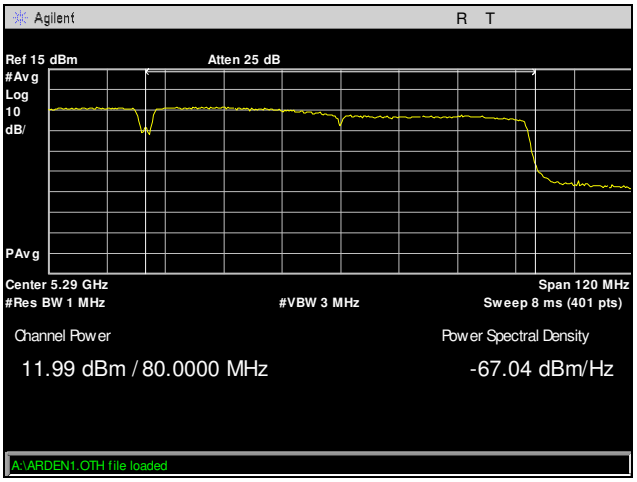


Plot 413. Conducted Output Power, 802.11ac 160 MHz, 5250 MHz, Port 2, Radio 0, 8x8

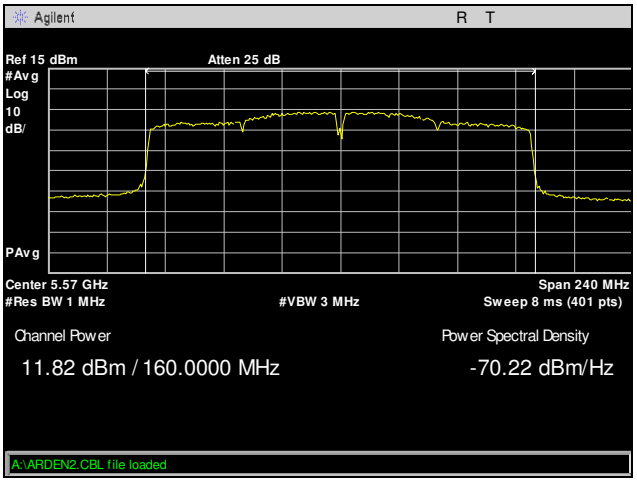


Plot 414. Conducted Output Power, 802.11ac 160 MHz, 5570 MHz, Port 2, Radio 0, 8x8

Conducted Output Power, 802.11ac 160 MHz, Port 3, Radio 0, 8x8

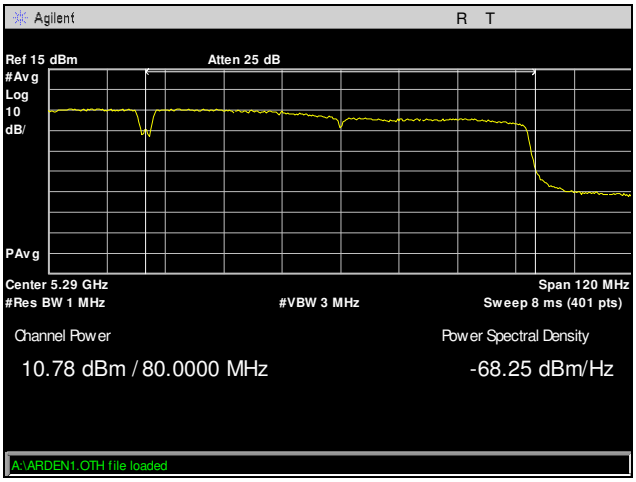


Plot 415. Conducted Output Power, 802.11ac 160 MHz, 5250 MHz, Port 3, Radio 0, 8x8

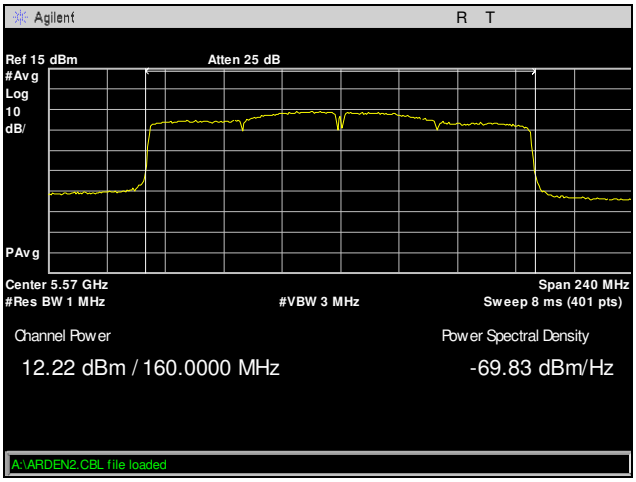


Plot 416. Conducted Output Power, 802.11ac 160 MHz, 5570 MHz, Port 3, Radio 0, 8x8

Conducted Output Power, 802.11ac 160 MHz, Port 4, Radio 0, 8x8

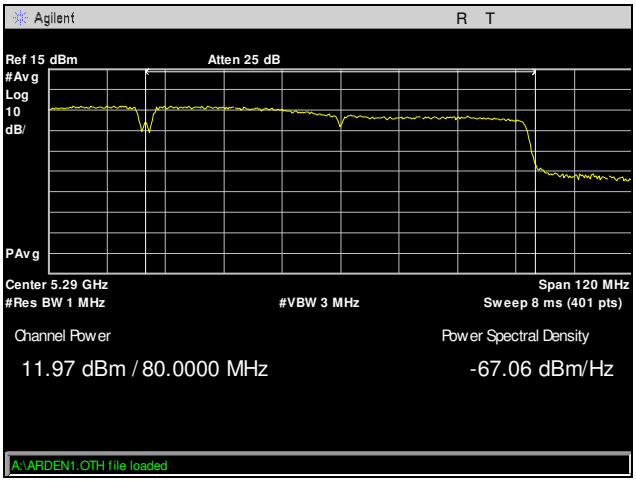


Plot 417. Conducted Output Power, 802.11ac 160 MHz, 5250 MHz, Port 4, Radio 0, 8x8

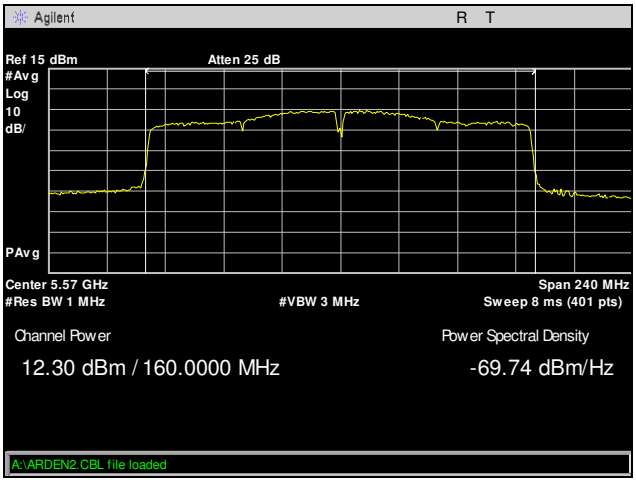


Plot 418. Conducted Output Power, 802.11ac 160 MHz, 5570 MHz, Port 4, Radio 0, 8x8

Conducted Output Power, 802.11ac 160 MHz, Port 5, Radio 1, 8x8



Plot 419. Conducted Output Power, 802.11ac 160 MHz, 5250 MHz, Port 5, Radio 1, 8x8



Plot 420. Conducted Output Power, 802.11ac 160 MHz, 5570 MHz, Port 5, Radio 1, 8x8