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

October 9, 2017

Ubiquiti Networks
2580 Orchard Pkwy
San Jose, CA 95131

Dear Alex Pavlos,

Enclosed is the EMC Wireless test report for compliance testing of the Ubiquiti Networks, AirFiber 5XHD 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 3).

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.

Joel Huna
Documentation Department

Reference: (\Ubiquiti Networks\ EMC94950-FCC407 UNII 3 Rev. 2)

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

Electromagnetic Compatibility Criteria
Test Report

for the

Ubiquiti Networks
Model AirFiber 5XHD

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

MET Report: EMC94950-FCC407 UNII 3 Rev. 2

October 9, 2017

Prepared For:

Ubiquiti Networks
2580 Orchard Pkwy
San Jose, CA 95131

Prepared By:
MET Laboratories, Inc.
914 West Patapsco Avenue, Baltimore, MD 21230

Electromagnetic Compatibility Criteria
Test Report

for the

Ubiquiti Networks
Model AirFiber 5XHD

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

Donald Salguero, Project Engineer
Electromagnetic Compatibility Lab

Joel Huna
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 Part 15.407, of the FCC Rules under normal use and maintenance.

John Mason,
Director, Electromagnetic Compatibility Lab

Report Status Sheet

Revision	Report Date	Reason for Revision
∅	September 22, 2017	Initial Issue.
1	October 6, 2017	Editorial corrections.
2	October 9, 2017	Removed 13dBi omnidirectional antenna on fixed point-to-point operation data.

Table of Contents

List of Tables

List of Figures

List of Plots

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**ilo**v**olt
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 Ubiquiti Networks AirFiber 5XHD, 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 AirFiber 5XHD. Ubiquiti Networks should retain a copy of this document which should be kept on file for at least two years after the manufacturing of the AirFiber 5XHD, 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 Ubiquiti Networks, purchase order number US101490. 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 Bandwidth	Compliant
§15.407 (a)(3)	Maximum Conducted Output Power	Compliant
§15.407 (a)(3)	Maximum Power Spectral Density	Compliant
§15.407 (b)(4)& (6 - 7)	Undesirable Emissions	Compliant
§15.407(b)(6)	Conducted Emission Limits	Compliant
§15.407(e)	6 dB Bandwidth	Compliant
§15.407(f)	RF Exposure	Compliant
§15.407(g)	Frequency Stability	Compliant

Table 1. Executive Summary of EMC Part 15.407 ComplianceTesting

II. Equipment Configuration

A. Overview

MET Laboratories, Inc. was contracted by Ubiquiti Networks to perform testing on the AirFiber 5XHD, under Ubiquiti Networks's purchase order number US101490.

This document describes the test setups, test methods, required test equipment, and the test limit criteria used to perform compliance testing of the Ubiquiti Networks AirFiber 5XHD.

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

Model(s) Tested:	AirFiber 5XHD	
Model(s) Covered:	AirFiber 5XHD	
EUT Specifications:	Primary Power: 120 VAC, 60 Hz	
	FCC ID: SWX-AF5XHD	
	Type of Modulations:	OFDM
	Equipment Code:	NII
	Max. RF Output Power:	29.61dBm with a 22dBi antenna
	EUT Frequency Ranges:	5730 – 5845 MHz
	Bandwidths:	10/20/30/40/50/60/80/100 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	
Evaluated by:	Donald Salguero	
Report Date(s):	October 9, 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

Table 3. References

C. Test Site

All testing was performed at MET Laboratories, Inc., 914 West Patapsco Avenue, Baltimore, MD 21230. All equipment used in making physical determinations is accurate and bears recent traceability to the National Institute of Standards and Technology.

MET Laboratories is a ISO/IEC 17025 accredited site by A2LA. Baltimore #0591.01.

Radiated Emissions measurements were performed in a 3 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 Ubiquiti Networks AirFiber 5XHD, Equipment Under Test (EUT), is 5.150GHz – 5.850GHz, Digital Transmission radio that uses OFDM MIMO Uncorrelated Cross-Polarized communication with a 100/80/60/50MHz/40MHz/30MHz/28MHz/ 20MHz/10MHz/ 7MHz/5MHz/3.5MHz bandwidth configuration. The EUT would be used outdoors and pole mounted. It is powered from a PoE adapter. The reverse-polarized connectorized has the ability when professionally installed by a user with cross-polarized antennas. This is the only matter that would be able to create a functional link to work.

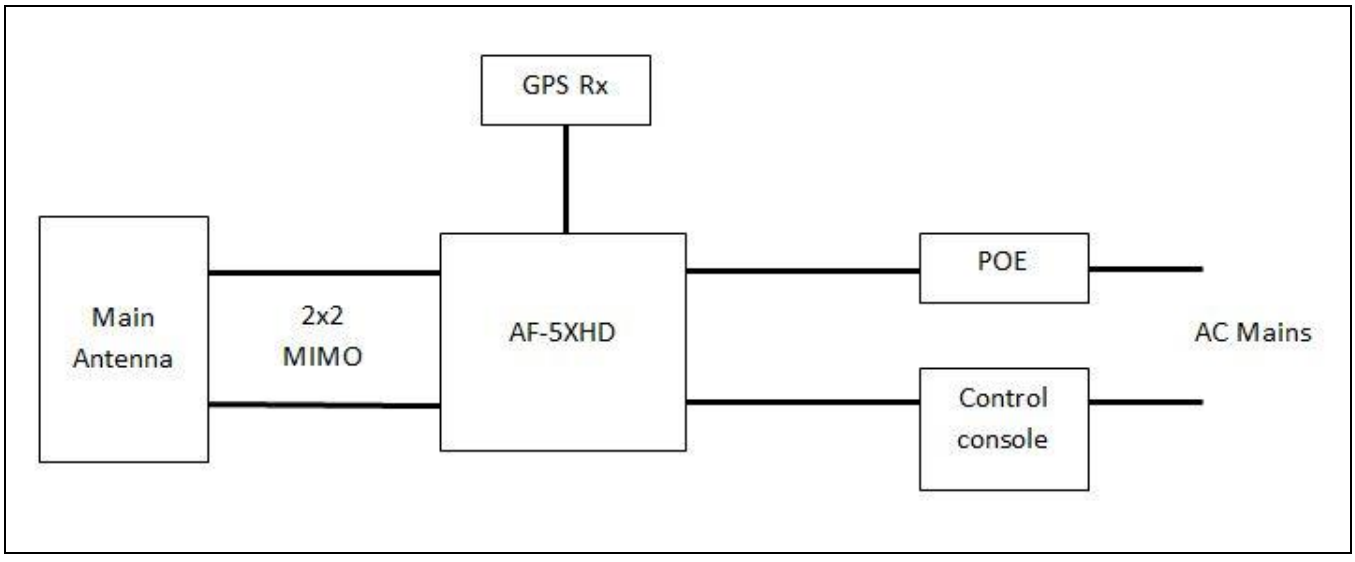


Figure 1. Block Diagram of Test Configuration

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
1	Switching Gigabit Power Supply	GP-H240-100G-4	1514	0000936	--
2	Middle Gain Omni	AMO-5G10	AM5E	43771	--
3	5 GHz 34dBi Slant 45 Antenna	AF-5G34-S45	AF5C	07623	--
4	Ethernet Cables	N/A	N/A	N/A	--
5	GPS Antenna	N/A	N/A	N/A	--
6	Sector Antenna	N/A	N/A	N/A	--

Table 4. Equipment Configuration

E. 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	*Customer Supplied Calibration Data
1	Laptop	HP	Pro Book 430 G1	N/A
2	Laptop	ASUS	X502C	N/A
3	Laptop	Apple	MacBook Pro	N/A

Table 5. Support Equipment

F. Ports and Cabling Information

Ref. ID	Port Name on EUT	Cable Description	Qty.	Length (m)	Shielded (Y/N)	Termination Point
1	Management Port	RJ45 Ethernet	1	2	Yes	
2	Data Port	RJ45 Ethernet	1	2	Yes	
3	RP sma CH0	RF coax	1	2	Yes	
4	RP sma CH1	RF coax	1	2	Yes	

Table 6. Ports and Cabling Information

G. Mode of Operation

Using internal test modes only for testing purposes the radio is set up in a continuous transmit mode. This allows for frequency, power, and channel bandwidth to be adjusted for measurement purposes. Scripts and specific command line commands are used to manipulate the radio in test mode.

H. Method of Monitoring EUT Operation

1. A blinking green "Data" LED will indicate error-free data is being transferred on the test cable.
2. Any other LED status besides the blinking green LED (i.e. LED light off, etc) will indicate error-free data is not being transferred on the test cable.

I. 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.

J. Disposition of EUT

The test sample including all support equipment submitted to the Electro-Magnetic Compatibility Lab for testing was returned to Ubiquiti Networks 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 of §15.203. The antenna is professionally installed. The gains of the antennae are 22dBi, and 34dBi. They are used for point-to-point, and point-to-multipoint operation. Additionally, a 13dBi omnidirectional is used solely for point-to-multipoint operation.

Test Engineer(s): Donald Salguero

Test Date(s): August 10, 2017

Electromagnetic Compatibility Criteria for Intentional Radiators

§ 15. 403(i) 26 dB Bandwidth

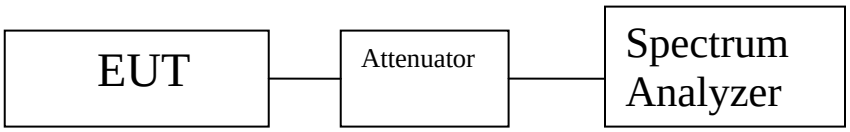
Test Requirements: **§ 15.403(i):** For purposes of this subpart the emission bandwidth shall be determined by measuring the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, that are 26 dB down relative to the maximum level of 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.

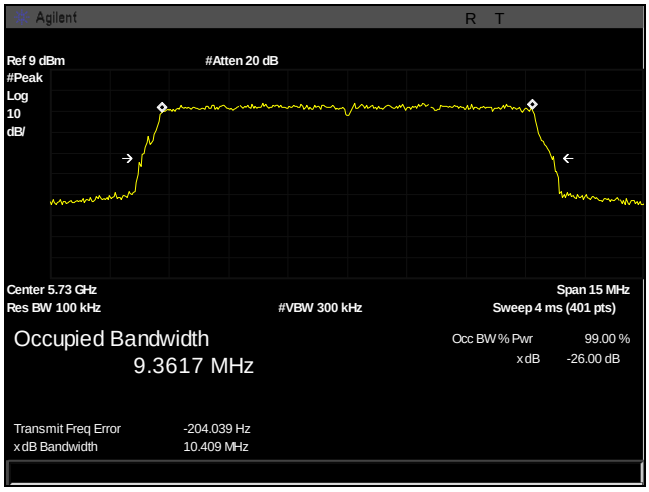
Test Engineer(s): Donald Salguero

Test Date(s): August 31 – September 5, 2017

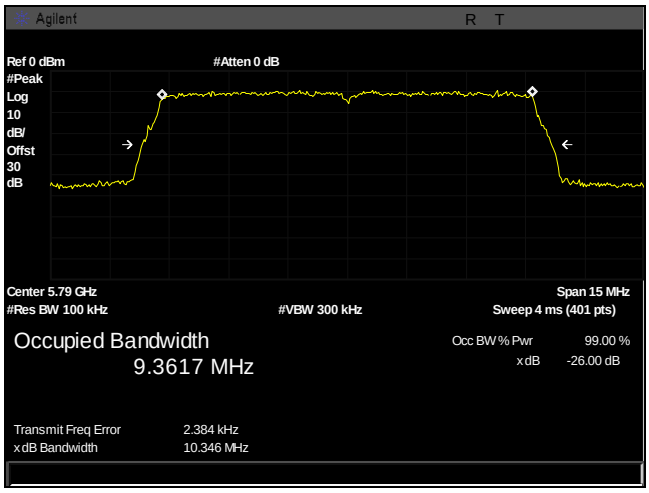


Nominal Channel Bandwidth (MHz)	Center Frequency (MHz)	26dB Bandwidth (MHz)
10	5730	10.409
	5790	10.346
	5845	10.298
20	5735	20.776
	5790	20.746
	5840	20.668
30	5740	30.978
	5790	31.291
	5835	31.097
40	5745	40.889
	5790	40.964
	5830	40.835
50	5750	52.611
	5790	52.651
	5825	52.726
60	5755	62.456
	5790	62.781
	5820	62.689
80	5765	83.076
	5790	83.175
	5810	83.152
100	5775	103.428
	5790	103.884
	5800	104.436

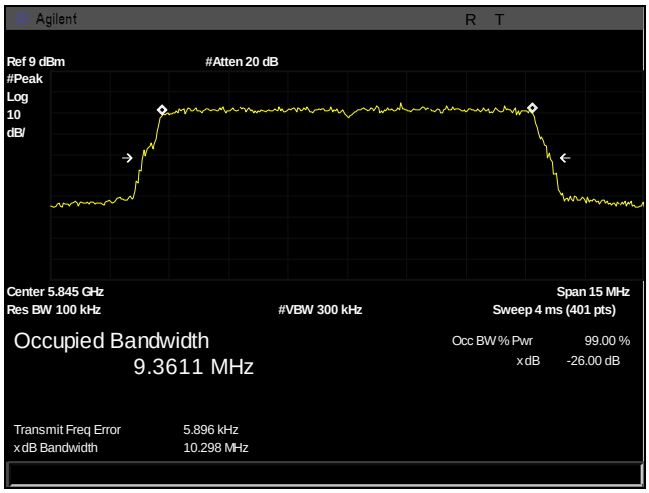
26 dB Occupied Bandwidth, Test Results



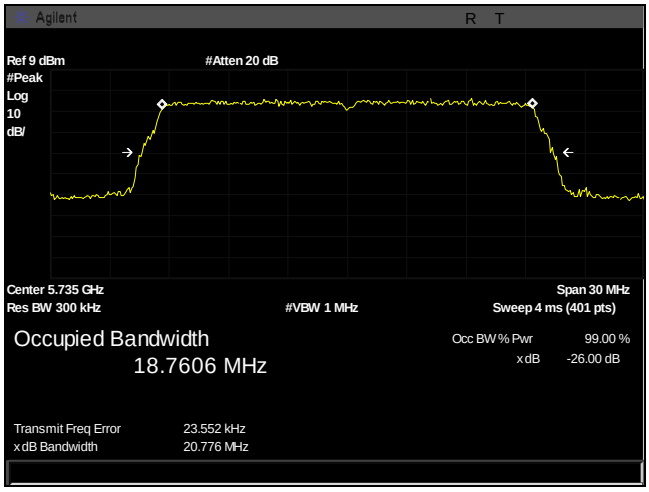
Plot 1. 26 dB Occupied Bandwidth, 10M, 5730M, chain0



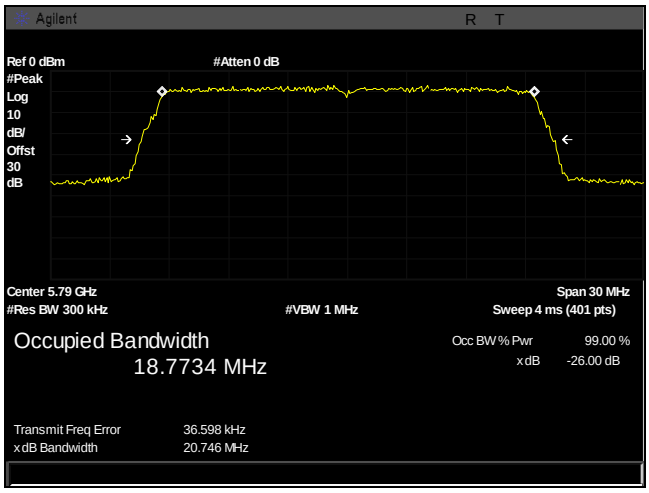
Plot 2. 26 dB Occupied Bandwidth, 10M, 5790M, chain0



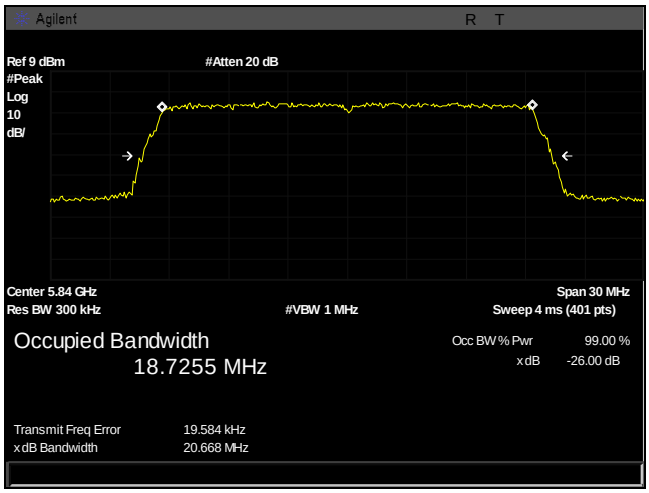
Plot 3. 26 dB Occupied Bandwidth, 10M, 5845M, chain0



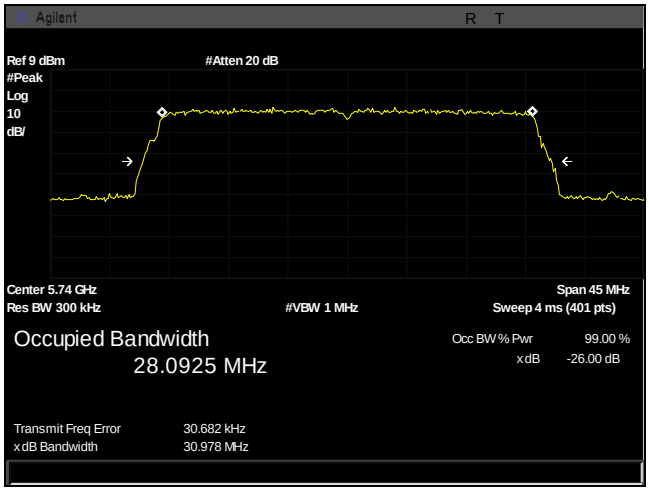
Plot 4. 26 dB Occupied Bandwidth, 20M, 5735M, chain0



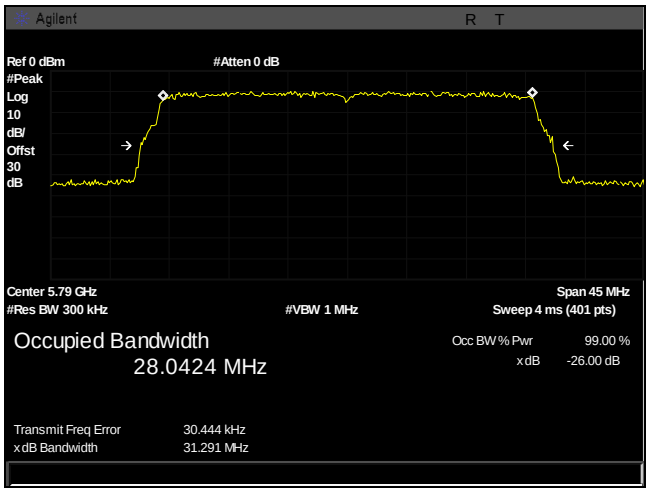
Plot 5. 26 dB Occupied Bandwidth, 20M, 5790M, chain0



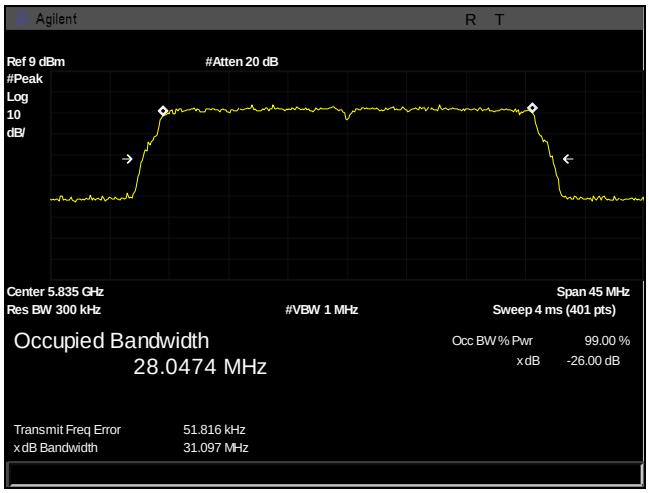
Plot 6. 26 dB Occupied Bandwidth, 20M, 5840M, chain0



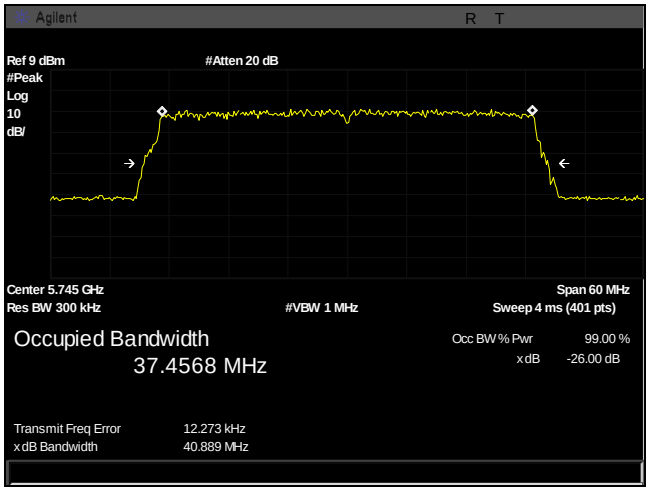
Plot 7. 26 dB Occupied Bandwidth, 30M, 5740M, chain0



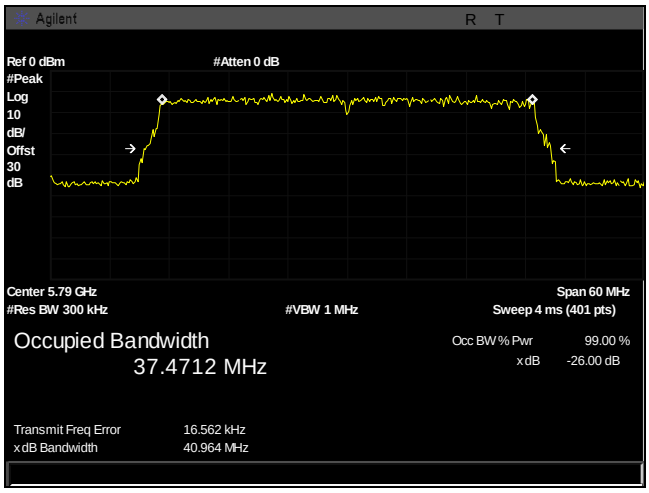
Plot 8. 26 dB Occupied Bandwidth, 30M, 5790M, chain0



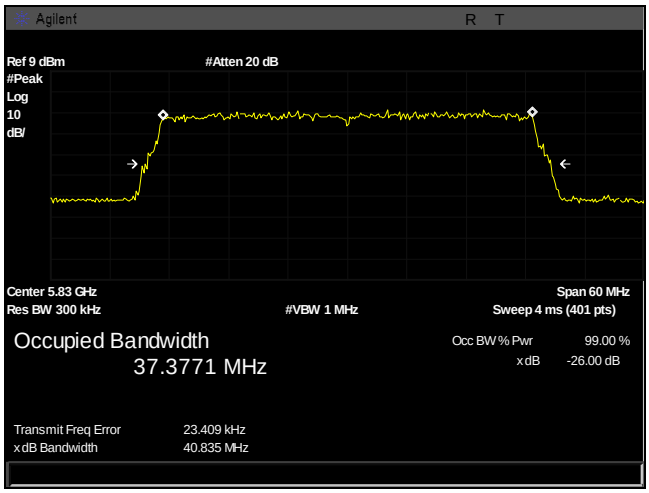
Plot 9. 26 dB Occupied Bandwidth, 30M, 5835M, chain0



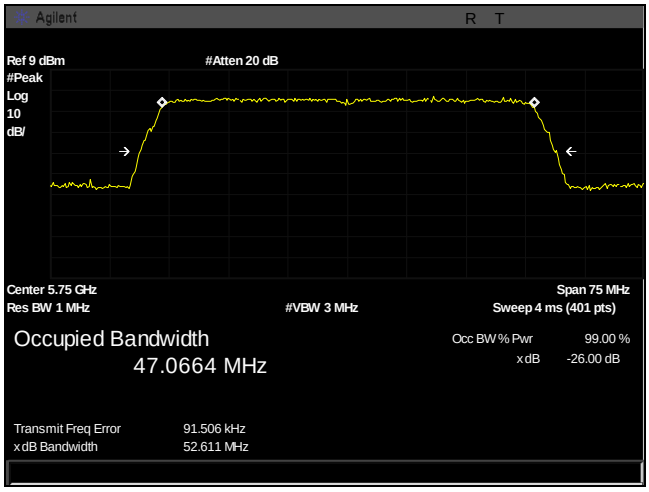
Plot 10. 26 dB Occupied Bandwidth, 40M, 5745M, chain0



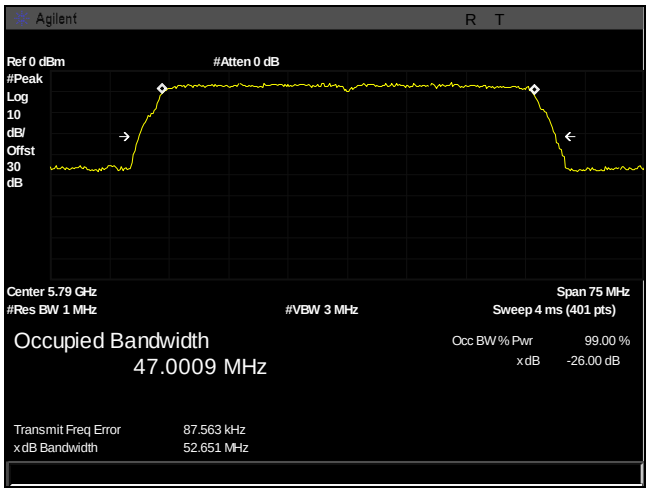
Plot 11. 26 dB Occupied Bandwidth, 40M, 5790M, chain0



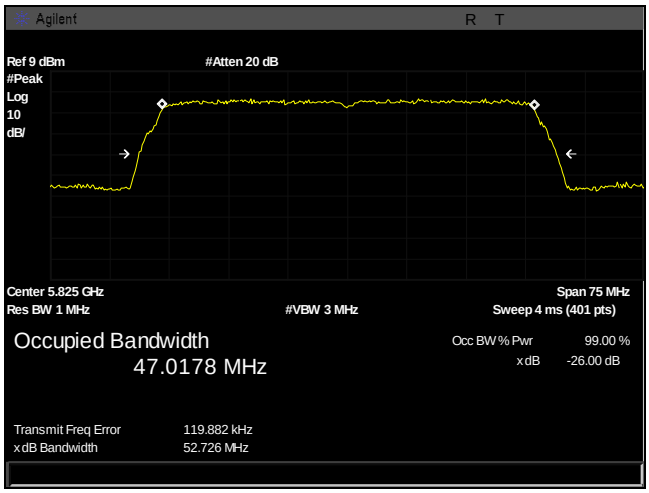
Plot 12. 26 dB Occupied Bandwidth, 40M, 5830M, chain0



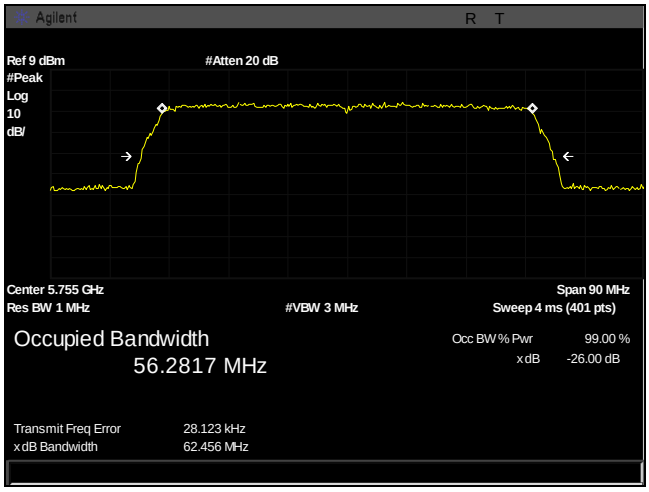
Plot 13. 26 dB Occupied Bandwidth, 50M, 5750M, chain0



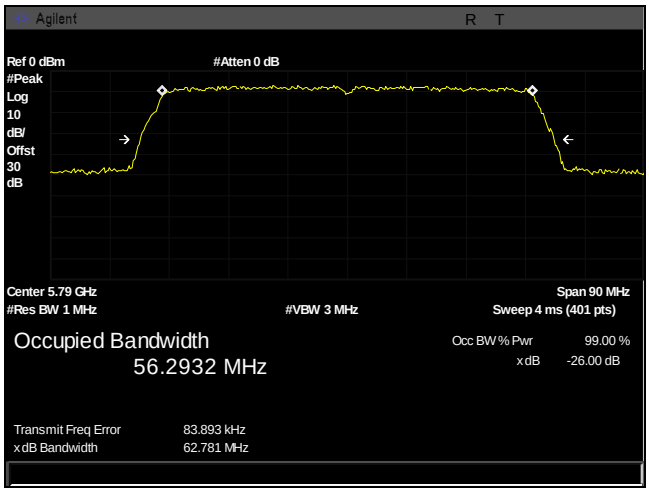
Plot 14. 26 dB Occupied Bandwidth, 50M, 5790M, chain0



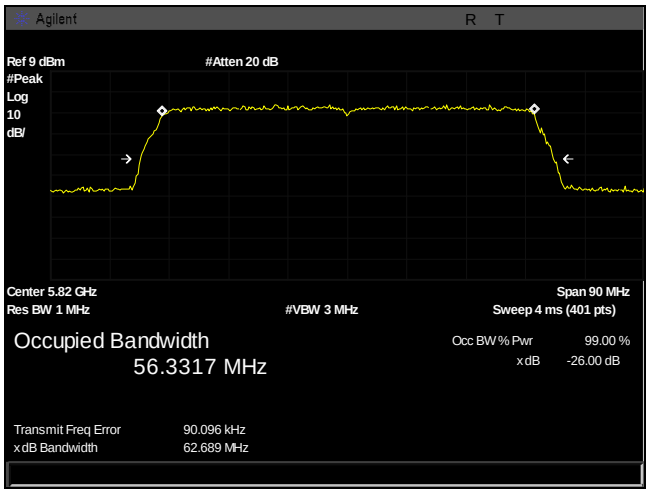
Plot 15. 26 dB Occupied Bandwidth, 50M, 5825M, chain0



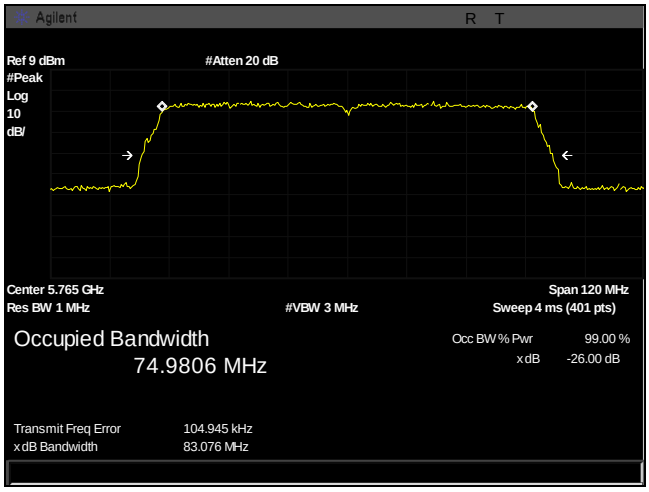
Plot 16. 26 dB Occupied Bandwidth, 60M, 5755M, chain0



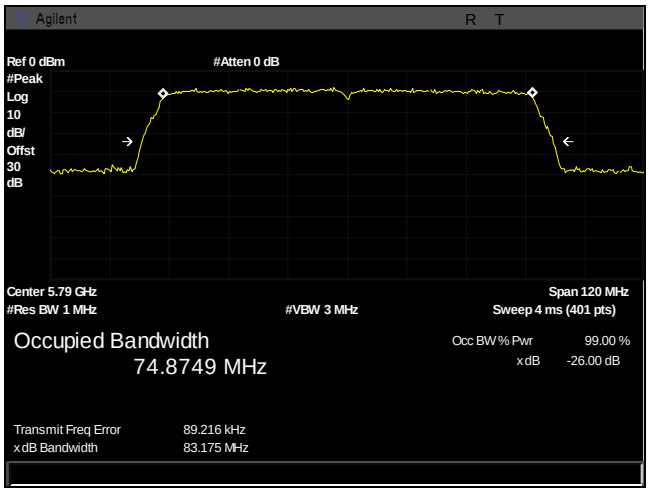
Plot 17. 26 dB Occupied Bandwidth, 60M, 5790M, chain0



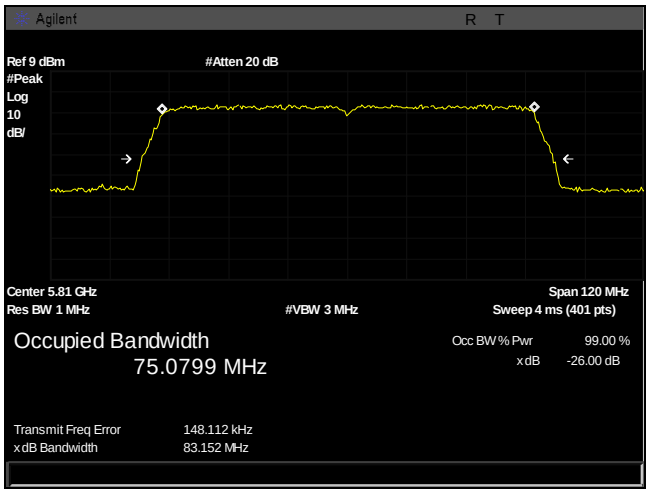
Plot 18. 26 dB Occupied Bandwidth, 60M, 5820M, chain0



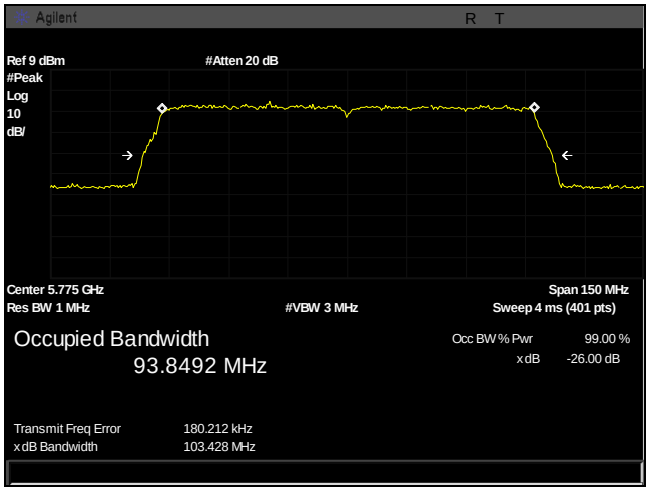
Plot 19. 26 dB Occupied Bandwidth, 80M, 5765M, chain0



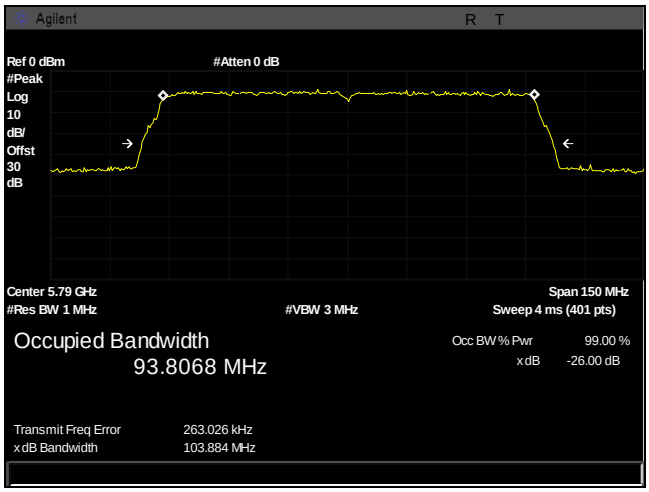
Plot 20. 26 dB Occupied Bandwidth, 80M, 5790M, chain0



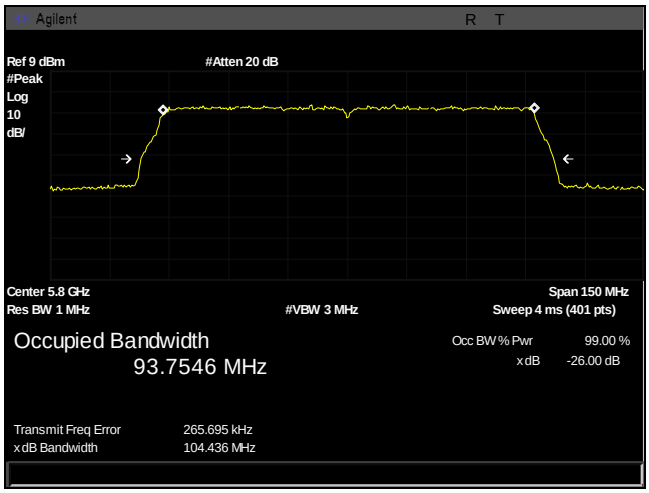
Plot 21. 26 dB Occupied Bandwidth, 80M, 5810M, chain0



Plot 22. 26 dB Occupied Bandwidth, 100M, 5775M, chain0



Plot 23. 26 dB Occupied Bandwidth, 100M, 5790M, chain0



Plot 24. 26 dB Occupied Bandwidth, 100M, 5800M, chain0

Electromagnetic Compatibility Criteria for Intentional Radiators

§15. 407(a)(3) Maximum Conducted Output Power

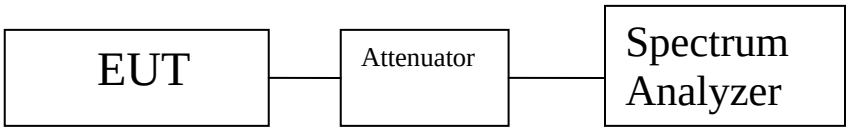
Test Requirements: **§15.407(a)(3):** For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.
If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

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.

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

Test Engineer(s): August 30, 2017

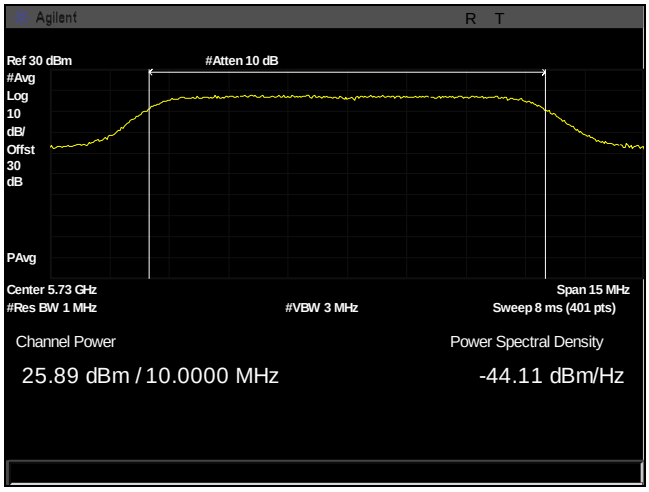
Test Date(s): Bradley Jones



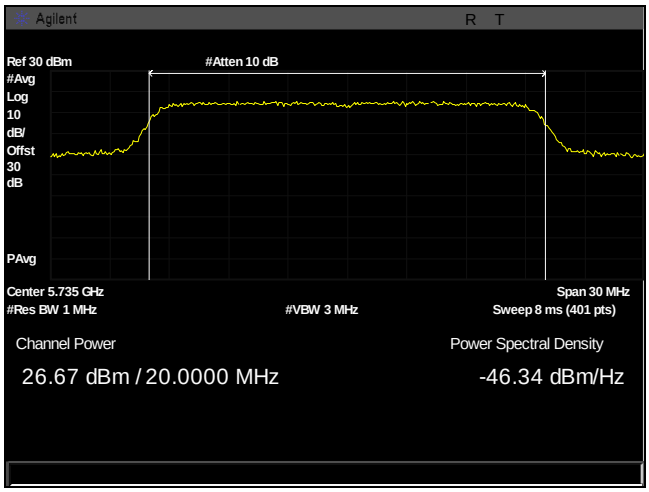
Conducted Transmitter Output Power, Fixed Point-to-Point

Channel BW (MHz)	Frequency (MHz)	Chain 0 (dBm)	Chain 1 (dBm)	Sum (dBm)	Limit (dBm)	Margin (dB)
10	5730	25.89	25	28.48	30	-1.521
	5790	26.67	26.52	29.61	30	-0.394
	5845	26.1	25.48	28.81	30	-1.188
20	5735	26.67	25.94	29.33	30	-0.669
	5790	26.5	26.66	29.59	30	-0.408
	5840	26.16	25.81	29	30	-1.001
30	5740	25.81	25.81	28.82	30	-1.179
	5790	26.31	26.8	29.57	30	-0.427
	5835	26.04	25.55	28.81	30	-1.187
40	5745	24.55	24.42	27.5	30	-2.504
	5790	23.93	24.27	27.11	30	-2.886
	5830	24.23	24.02	27.14	30	-2.863
50	5750	25.3	25.67	28.5	30	-1.5
	5790	26.23	25.97	29.11	30	-0.887
	5825	26.09	25.69	28.91	30	-1.095
60	5755	25.72	25.87	28.81	30	-1.194
	5790	26.31	26.22	29.28	30	-0.724
	5820	25.76	25.86	28.82	30	-1.179
80	5765	25.62	26.31	28.99	30	-1.011
	5790	25.2	25.83	28.54	30	-1.463
	5810	25.34	25.89	28.64	30	-1.365
100	5775	25.38	26.01	28.72	30	-1.283
	5790	25.07	26.08	28.62	30	-1.385
	5800	25.07	25.76	28.44	30	-1.561

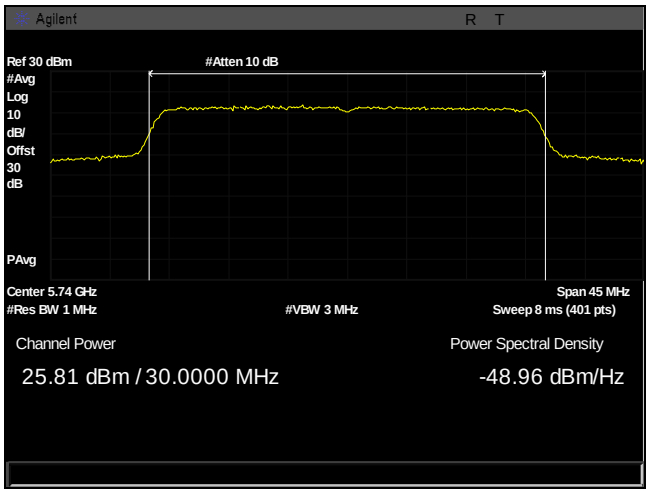
Table 7. Conducted Transmitter Output Power, Fixed Point-to-Point, Test Results 2



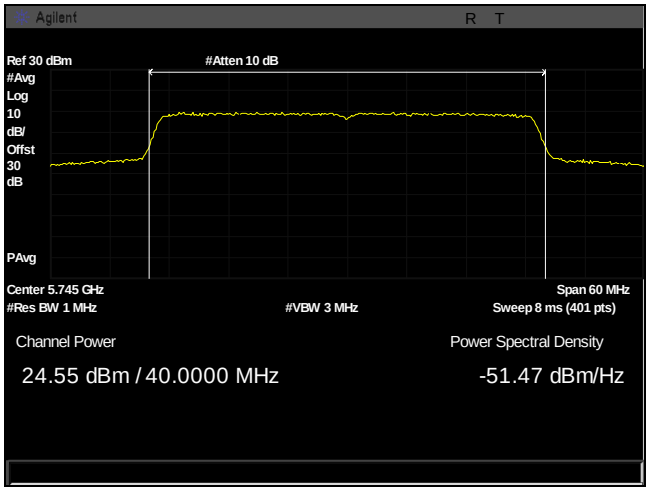
Plot 25. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5730M, 10M



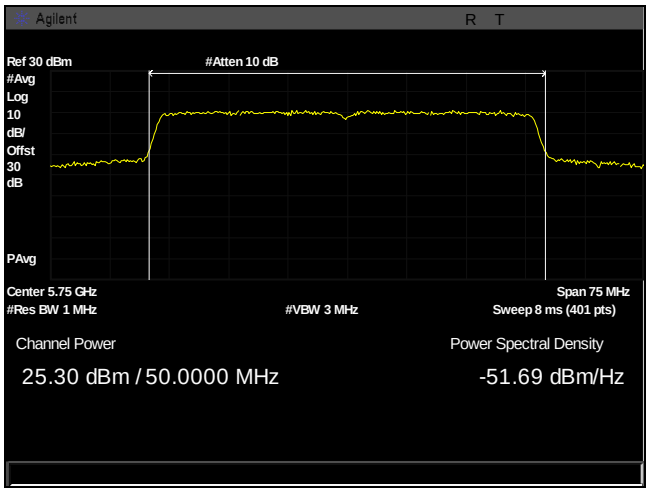
Plot 26. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5735M, 20M



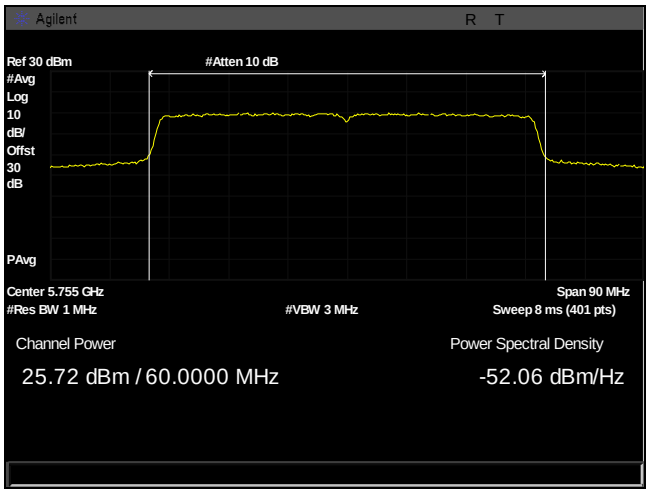
Plot 27. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5740M, 30M



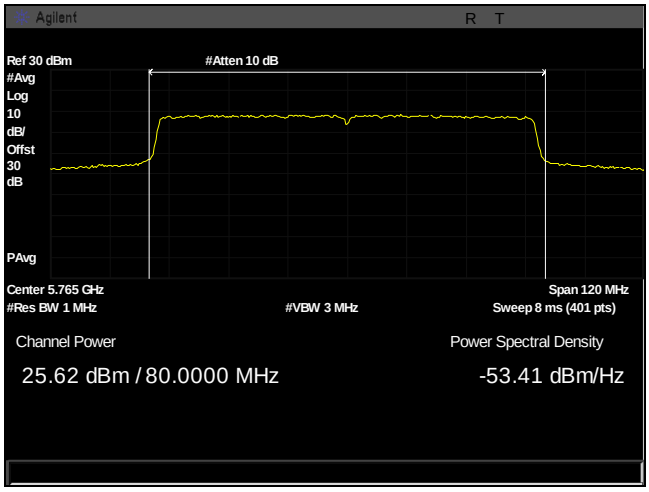
Plot 28. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5745M, 40M



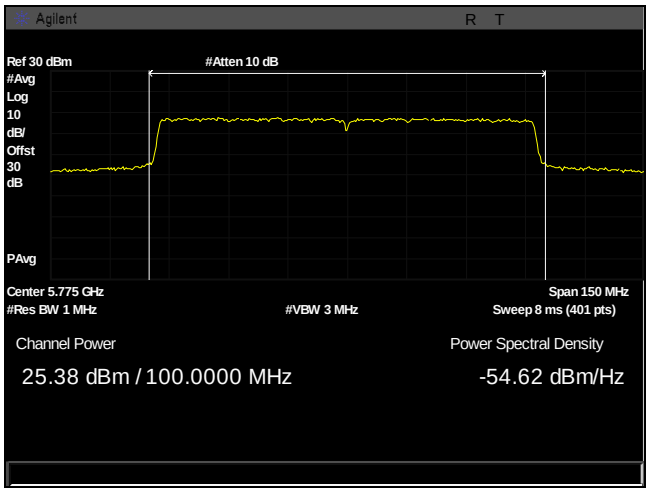
Plot 29. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5750M, 50M



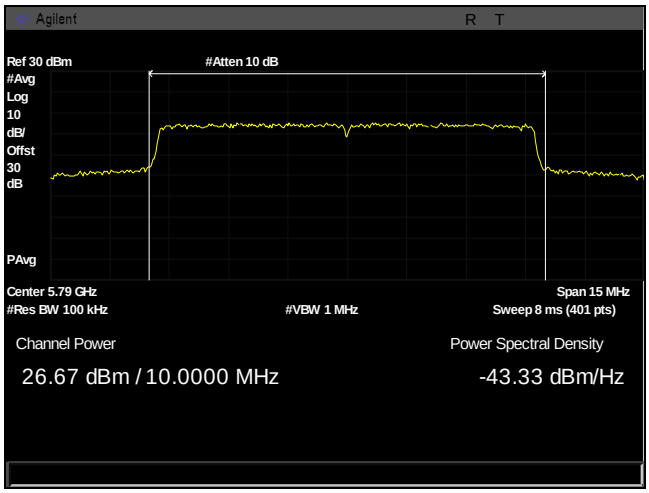
Plot 30. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5755M, 60M



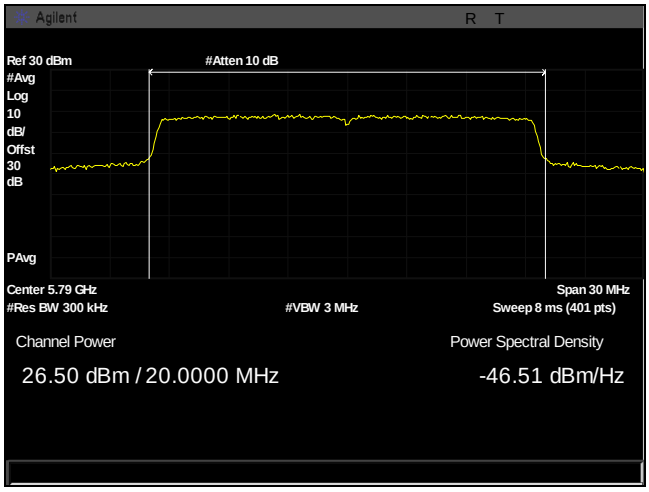
Plot 31. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5765M, 80M



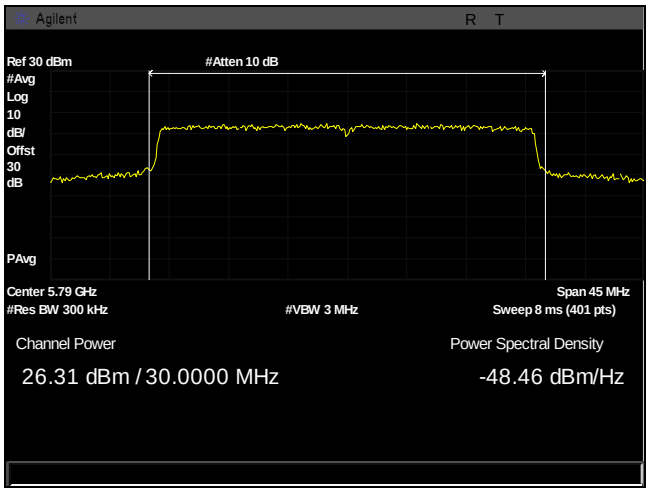
Plot 32. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5775M, 100M



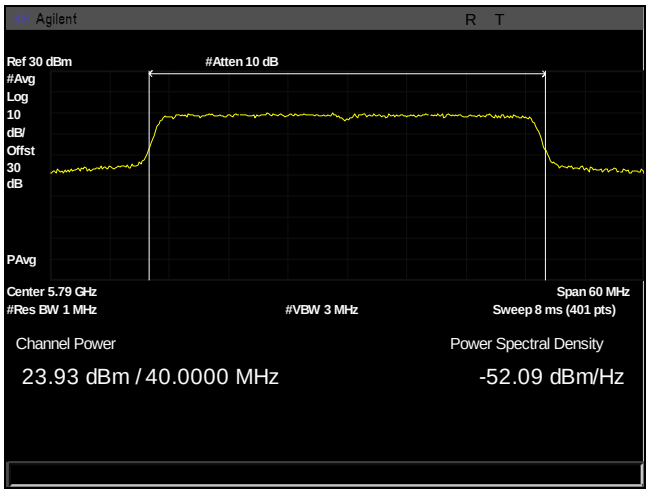
Plot 33. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5790M, 10M



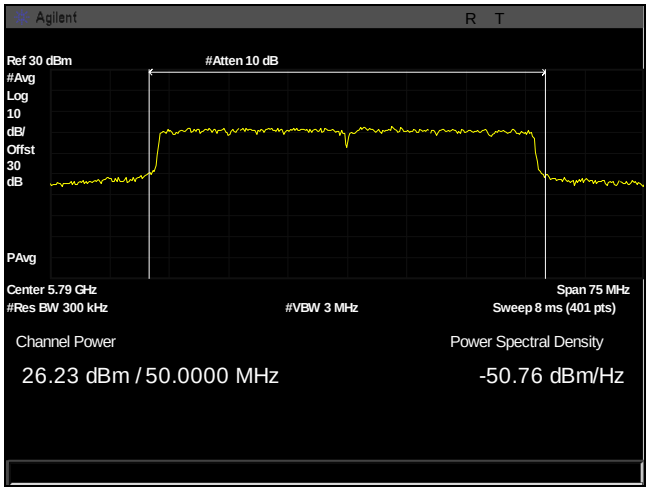
Plot 34. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5790M, 20M



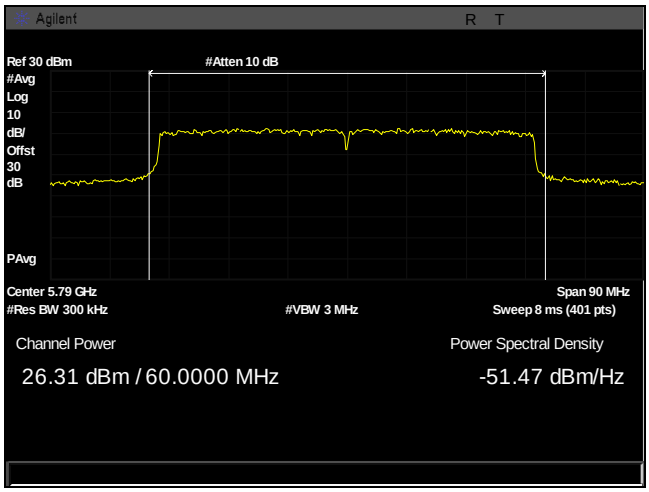
Plot 35. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5790M, 30M



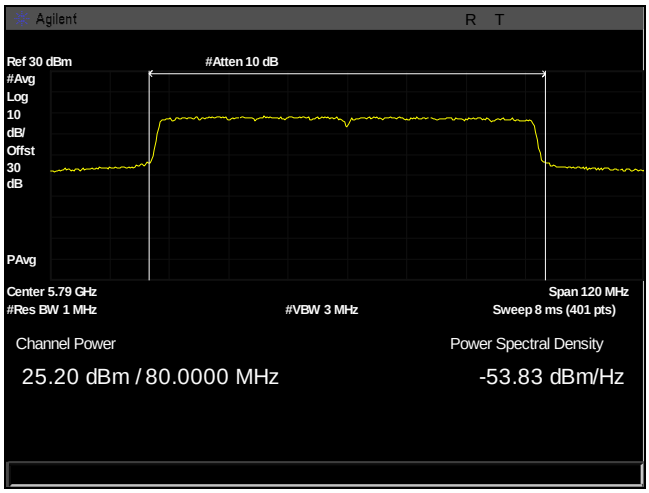
Plot 36. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5790M, 40M



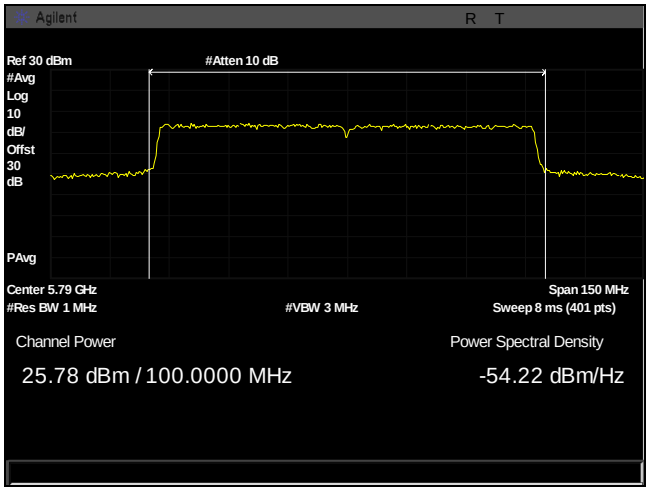
Plot 37. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5790M, 50M



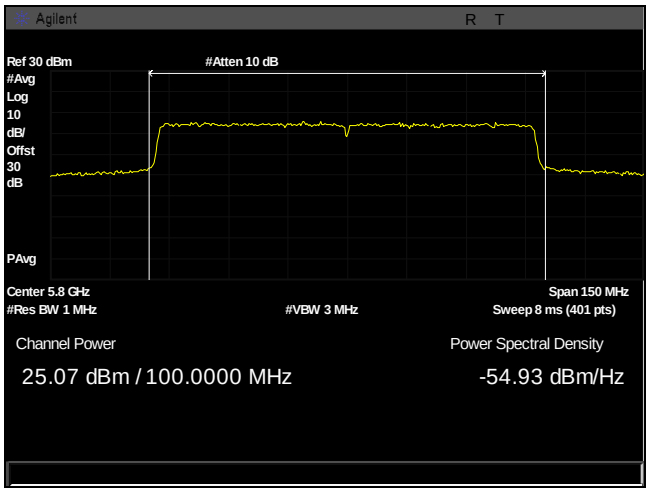
Plot 38. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5790M, 60M



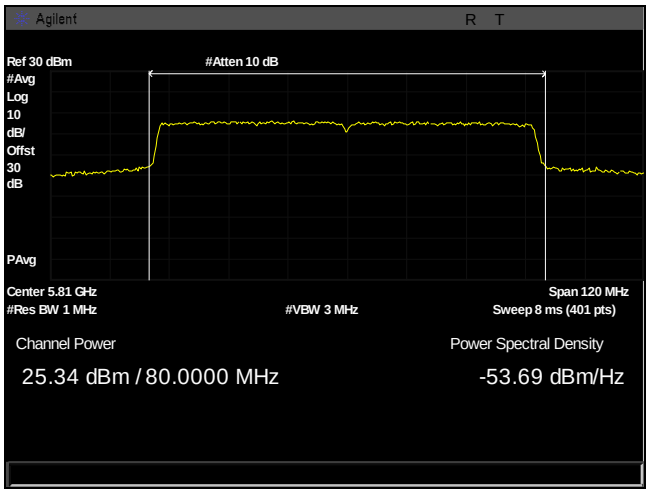
Plot 39. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5790M, 80M



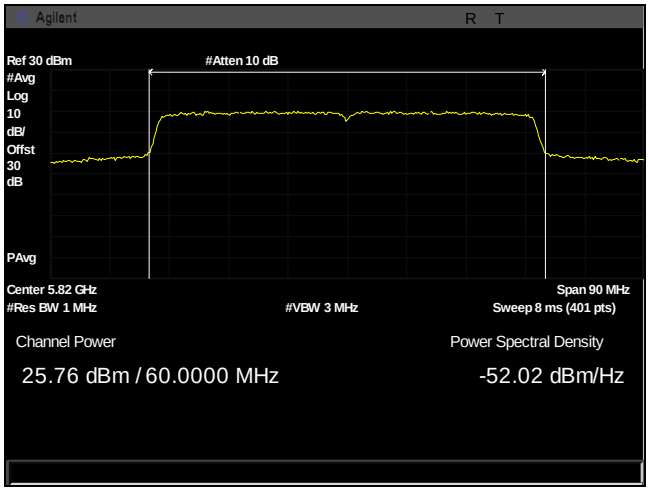
Plot 40. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5790M, 100M



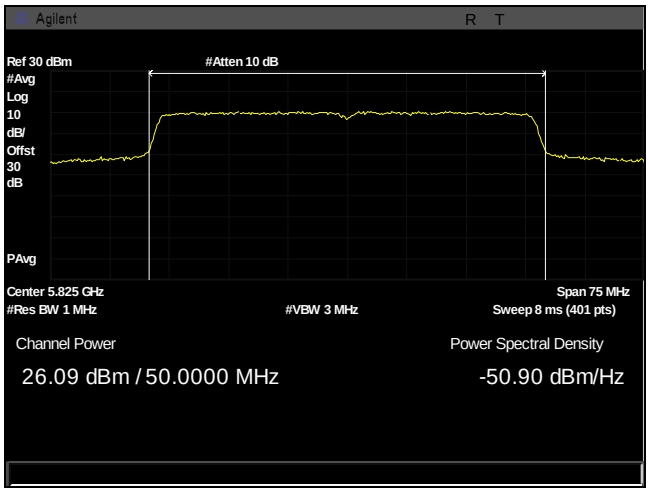
Plot 41. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5800M, 100M



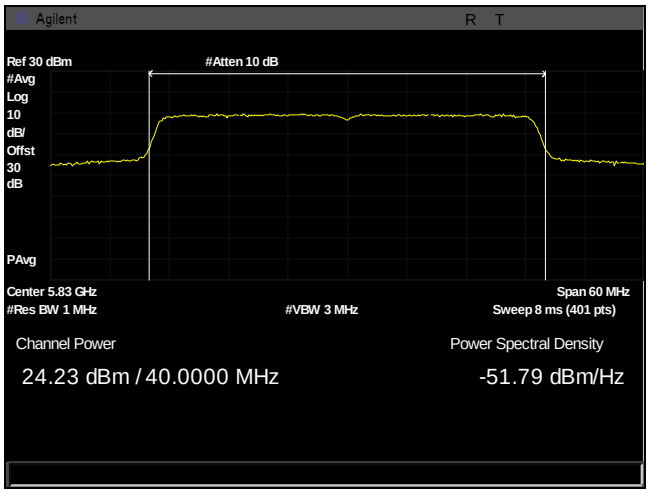
Plot 42.Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5810M, 80M



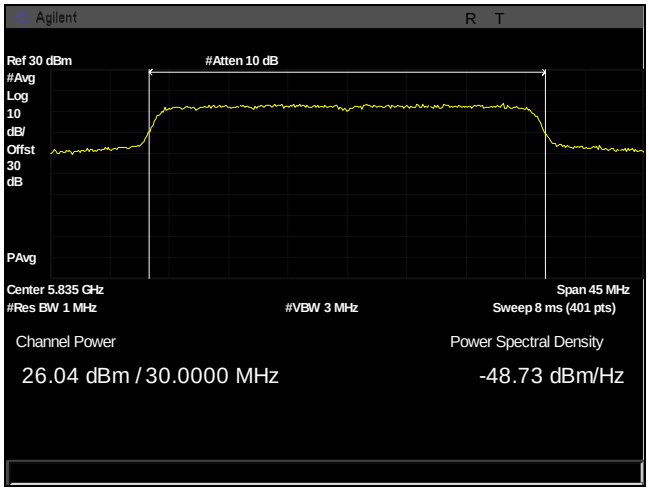
Plot 43. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5820M, 60M



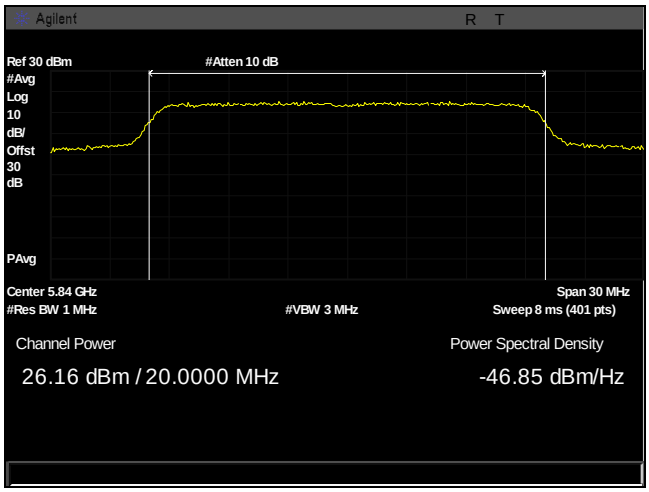
Plot 44. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5825M, 50M



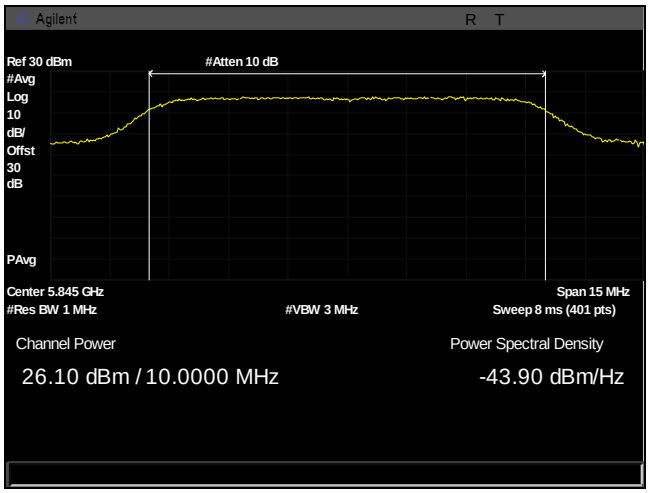
Plot 45. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5830M, 40M



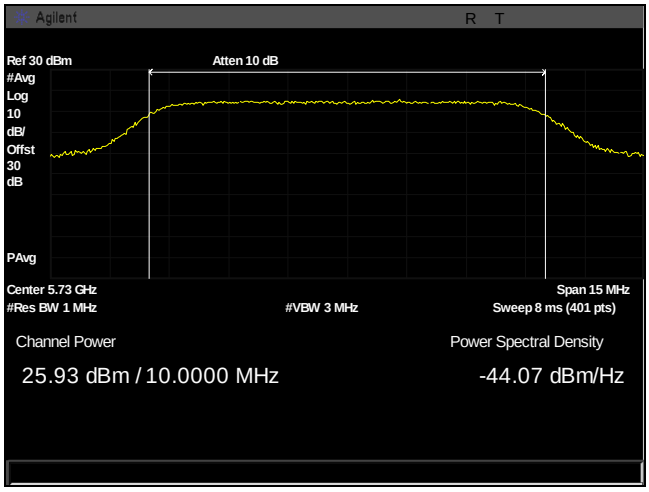
Plot 46. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5835M, 30M



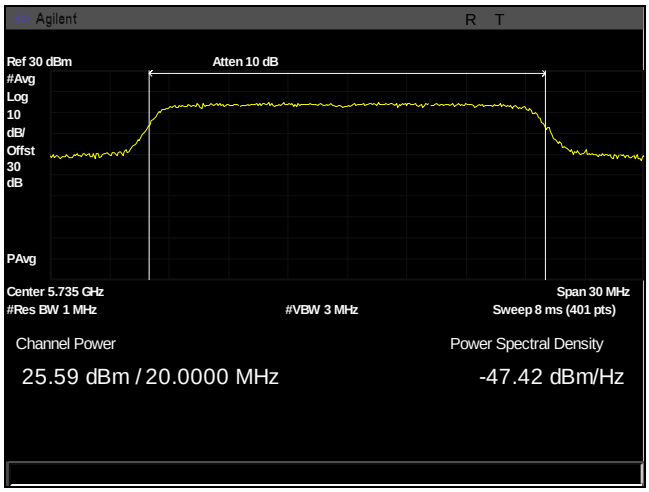
Plot 47. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5840M, 20M



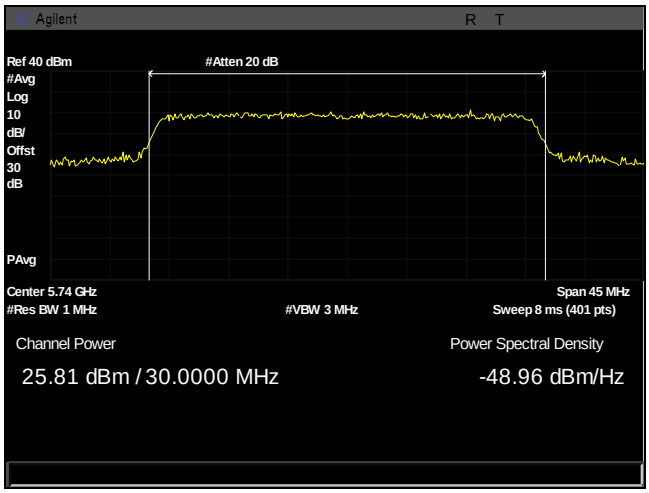
Plot 48. Conducted Transmitter Output Power, Fixed Point-to-Point, chain0, 5845M, 10M



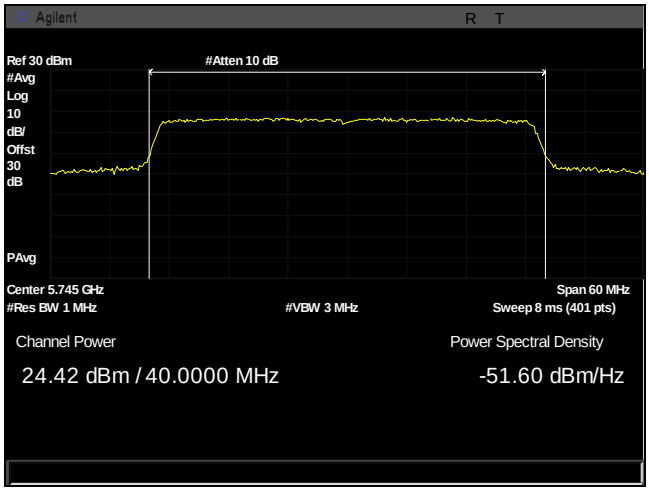
Plot 49. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5730M, 10M



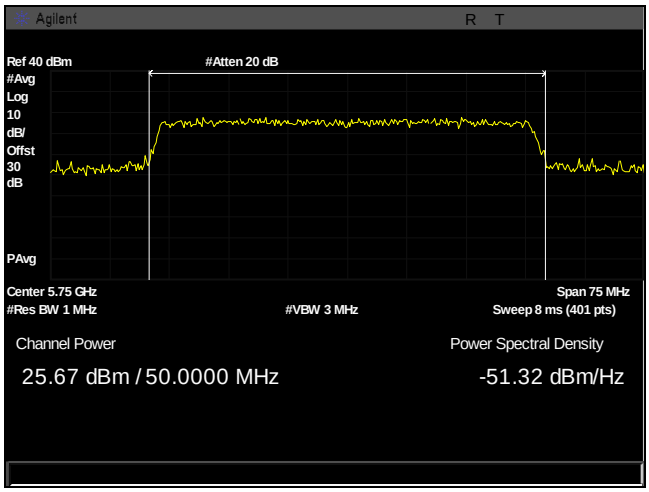
Plot 50. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5735M, 20M



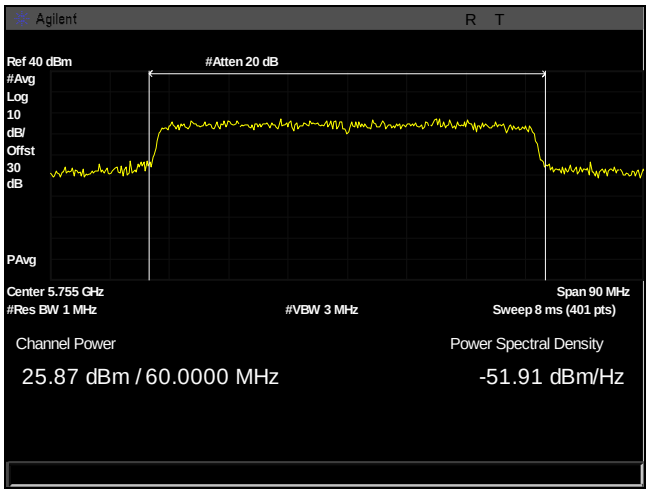
Plot 51. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5740M, 30M



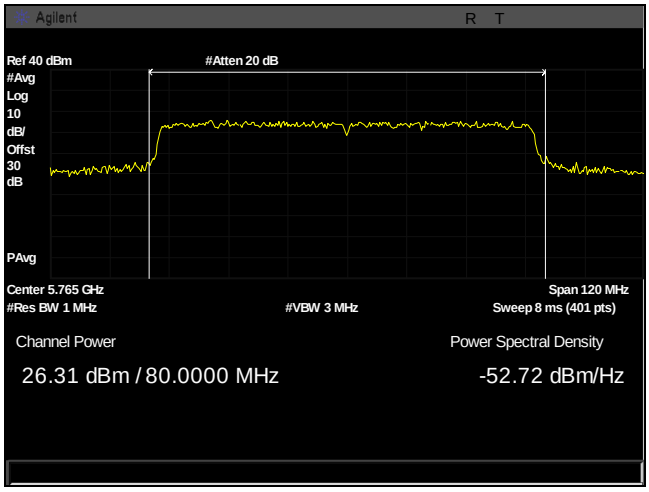
Plot 52. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5745M, 40M



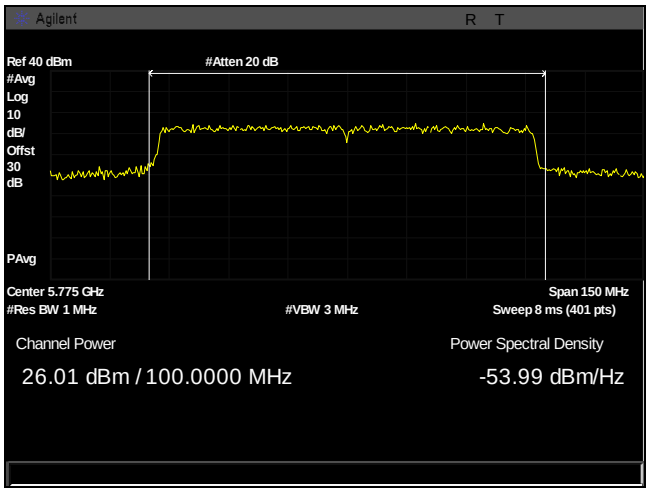
Plot 53. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5750M, 50M



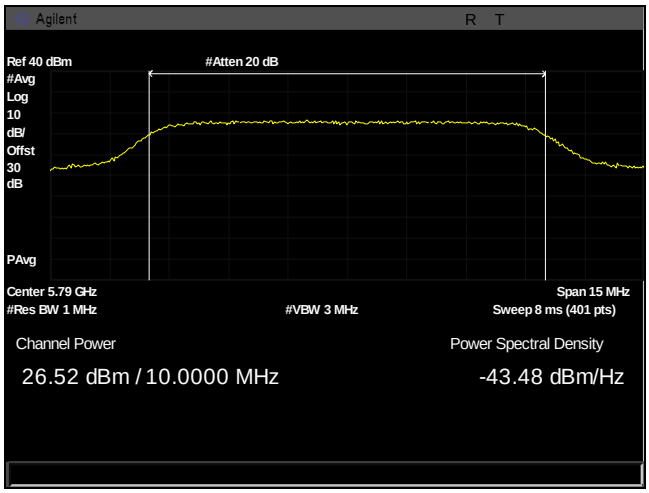
Plot 54. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5755M, 60M



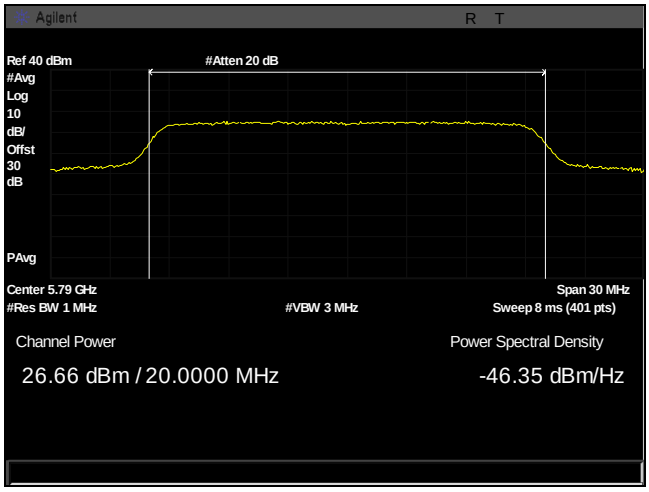
Plot 55. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5765M, 80M



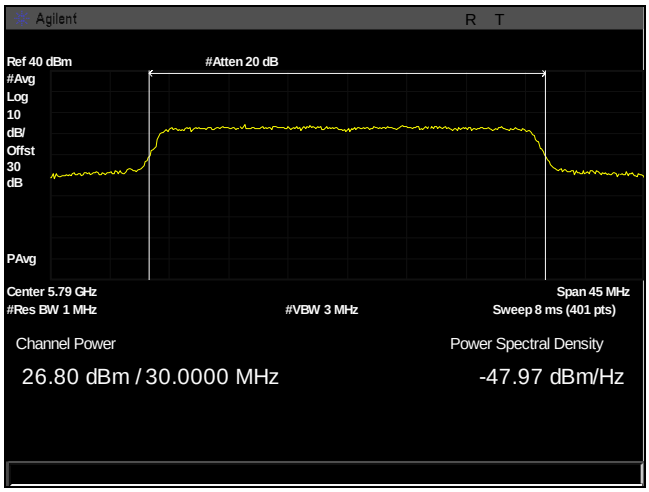
Plot 56. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5775M, 100M



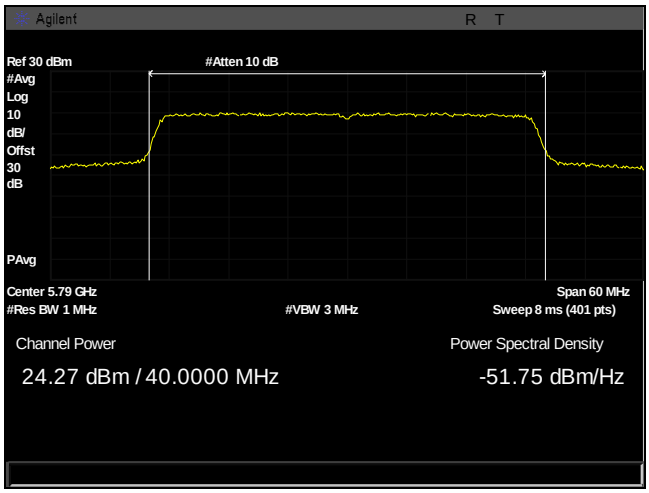
Plot 57. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5790M, 10M



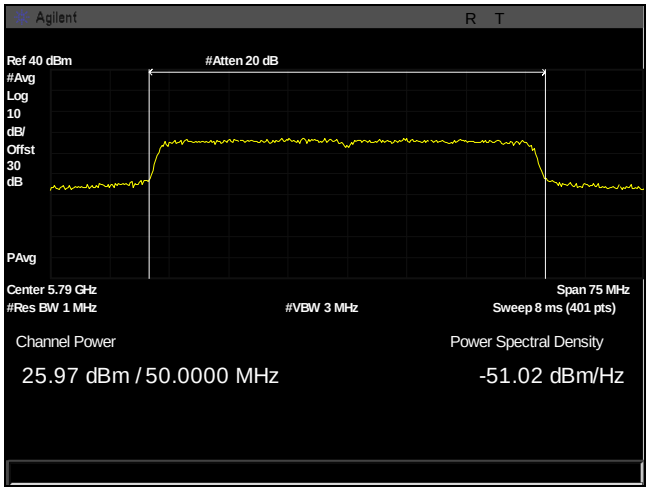
Plot 58. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5790M, 20M



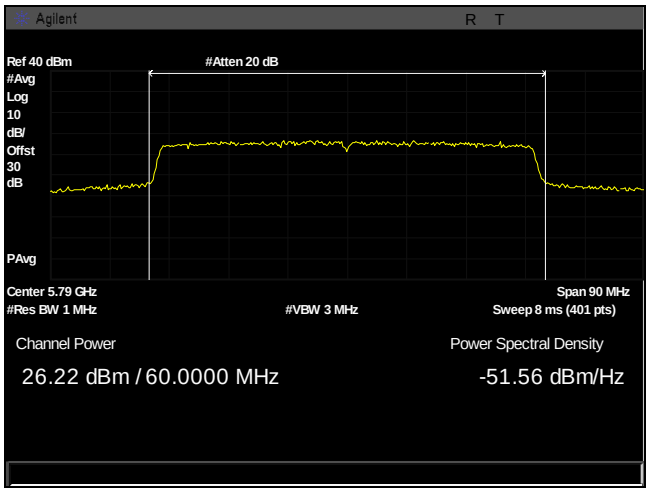
Plot 59. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5790M, 30M



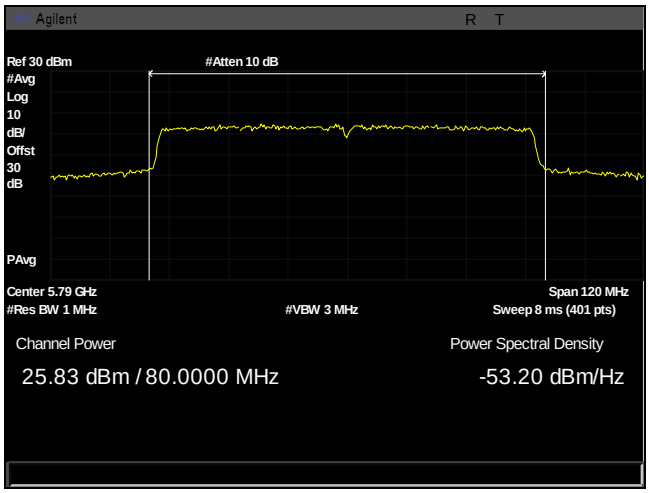
Plot 60. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5790M, 40M



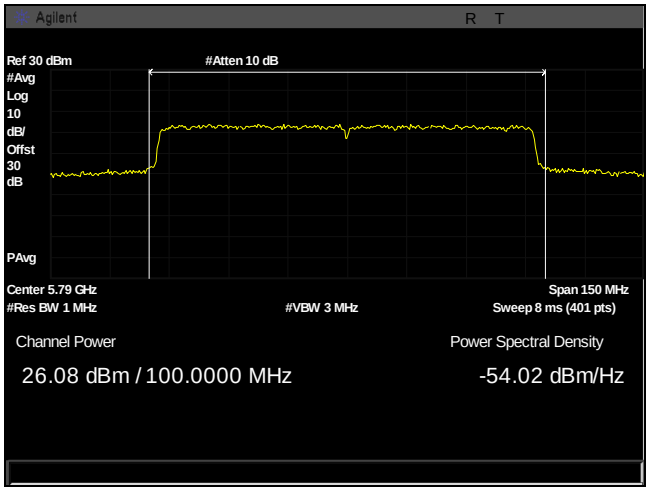
Plot 61. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5790M, 50M



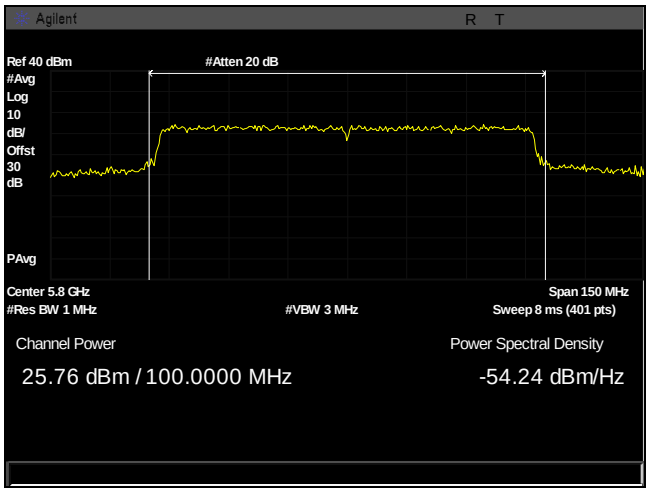
Plot 62. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5790M, 60M



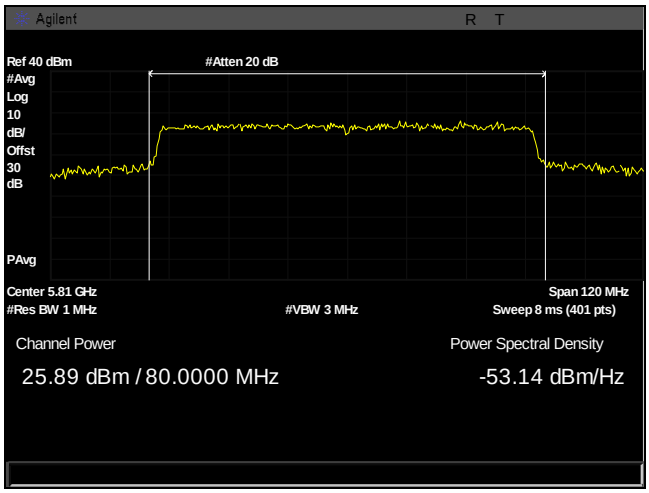
Plot 63. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5790M, 80M



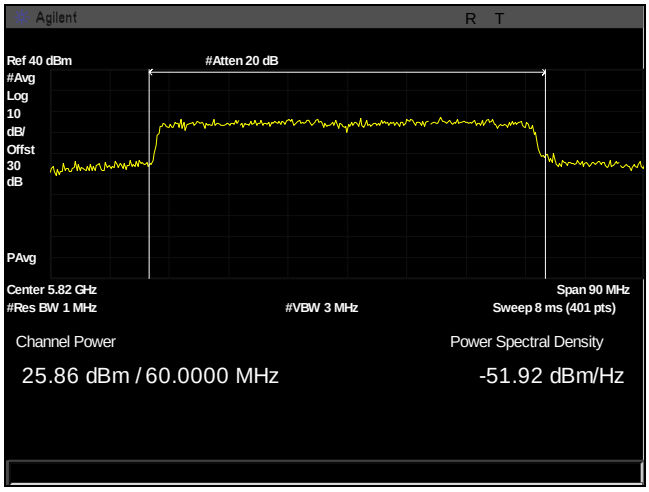
Plot 64. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5790M, 100M



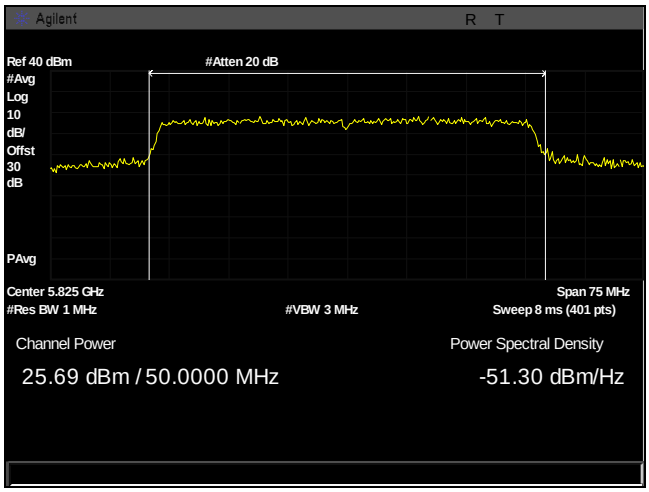
Plot 65. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5800M, 100M



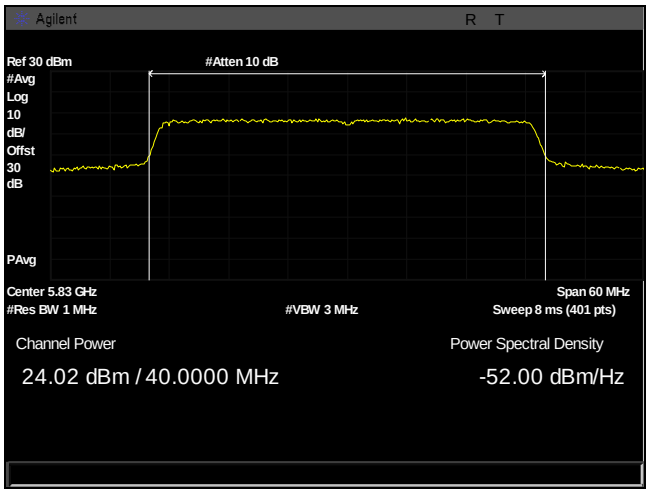
Plot 66. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5810M, 80M



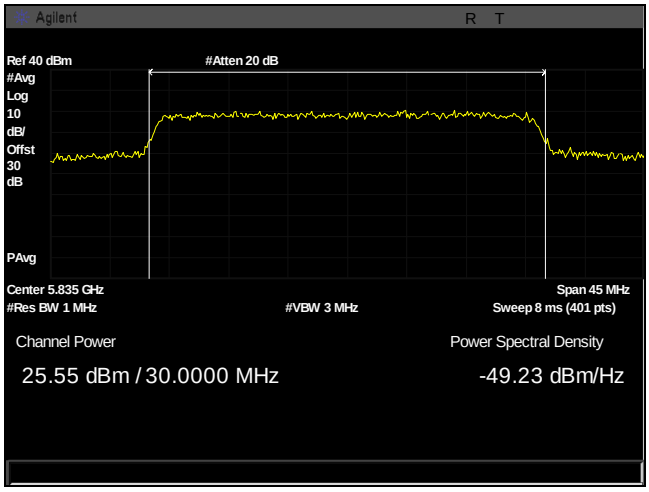
Plot 67. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5820M, 60M



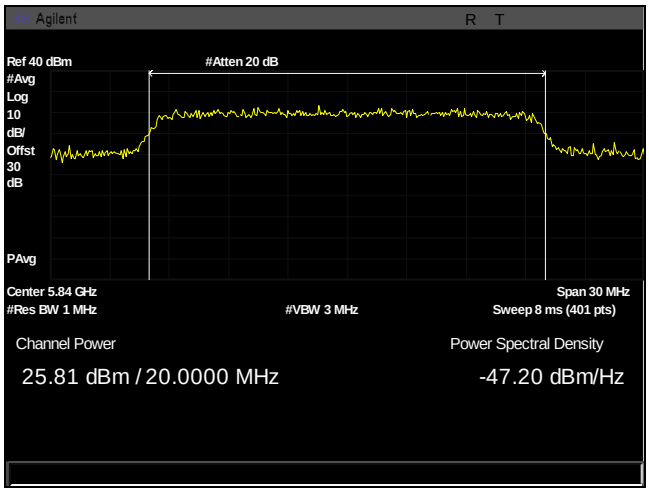
Plot 68. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5825M, 50M



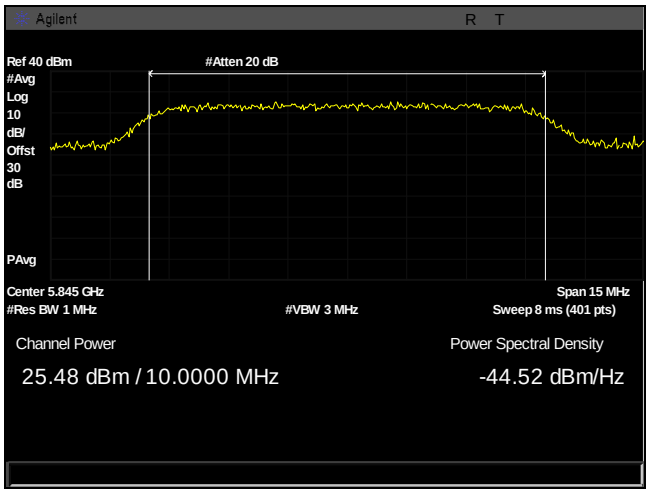
Plot 69. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5830M, 40M



Plot 70. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5835M, 30M



Plot 71. Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5840M, 20M

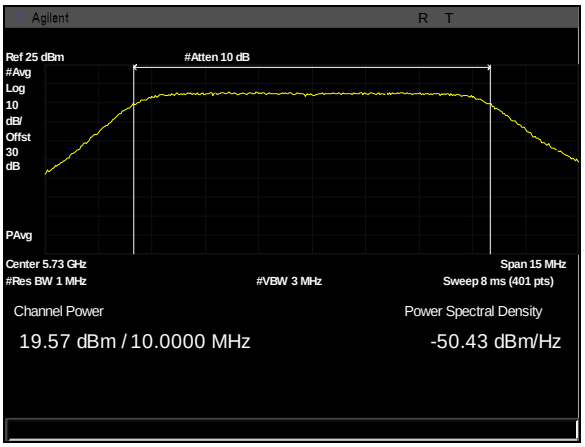


Plot 72.Conducted Transmitter Output Power, Fixed Point-to-Point, chain1, 5845M, 10M

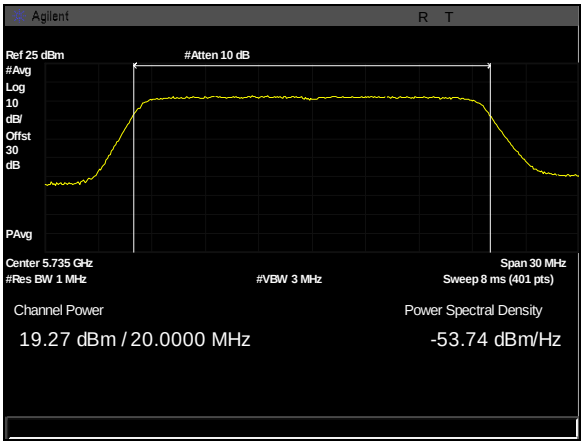
Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi

Channel BW (MHz)	Frequency (MHz)	Chain 0 (dBm)	Chain 1 (dBm)	Sum (dBm)	Limit (dBm)	Directional Gain (dBi)	Final Limit (dBm)	Margin (dB)
10	5730	19.57	19.39	22.49	30	13	23	-0.508
	5790	19.38	19.49	22.45	30	13	23	-0.554
	5845	19.88	19.38	22.65	30	13	23	-0.352
20	5735	19.27	19.63	22.47	30	13	23	-0.535
	5790	19.62	19.39	22.52	30	13	23	-0.483
	5840	19.81	19.23	22.54	30	13	23	-0.46
30	5740	19.5	19.51	22.52	30	13	23	-0.484
	5790	19.76	19.43	22.61	30	13	23	-0.391
	5835	19.26	19.25	22.27	30	13	23	-0.734
40	5745	19.59	19.34	22.48	30	13	23	-0.522
	5790	19.46	19.49	22.49	30	13	23	-0.514
	5830	19.49	19.18	22.35	30	13	23	-0.651
50	5750	19.52	19.49	22.52	30	13	23	-0.484
	5790	19.7	19.62	22.67	30	13	23	-0.329
	5825	19.53	19.47	22.51	30	13	23	-0.489
60	5755	19.67	19.66	22.68	30	13	23	-0.324
	5790	19.66	19.39	22.54	30	13	23	-0.462
	5820	19.84	19.19	22.54	30	13	23	-0.462
80	5765	19.89	19.8	22.86	30	13	23	-0.144
	5790	19.57	19.46	22.53	30	13	23	-0.474
	5810	19.67	19.65	22.67	30	13	23	-0.329
100	5775	19.78	19.72	22.76	30	13	23	-0.239
	5790	19.52	19.53	22.54	30	13	23	-0.464
	5800	19.64	19.88	22.77	30	13	23	-0.228

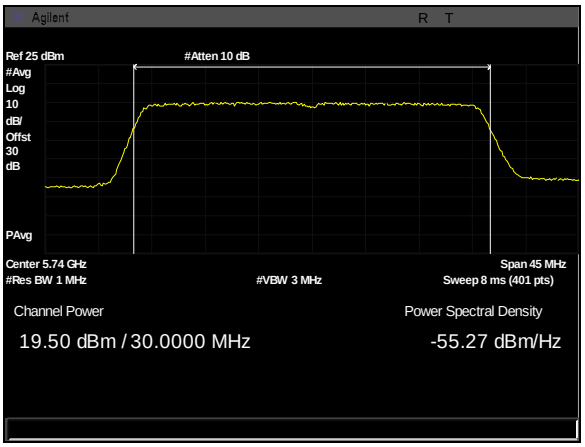
Table 8. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, 2x2, Test Results 2



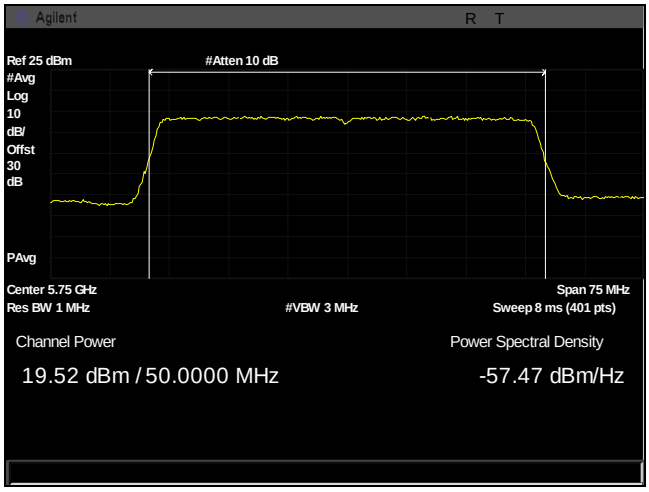
Plot 73. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5730M, 10M



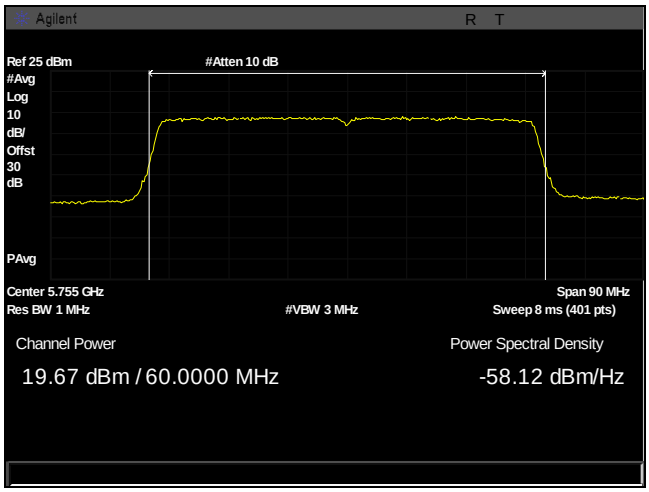
Plot 74. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5735M, 20M



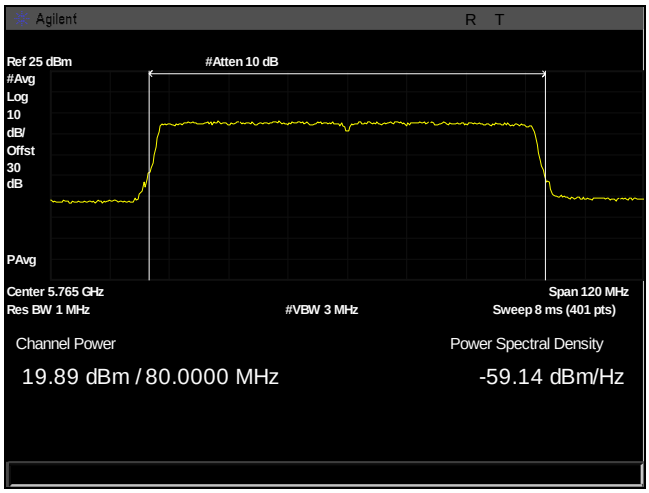
Plot 75. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5740M, 30M



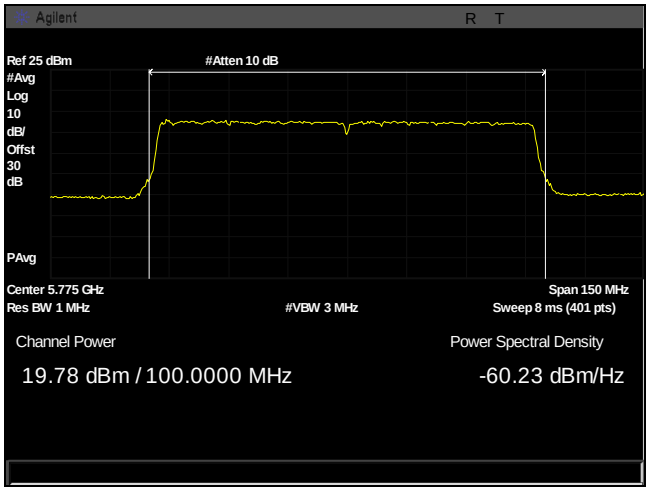
Plot 76. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5750M, 50M



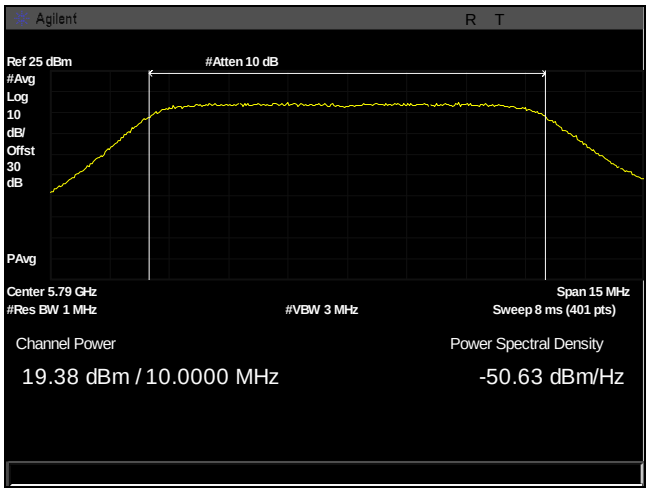
Plot 77. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5755M, 60M



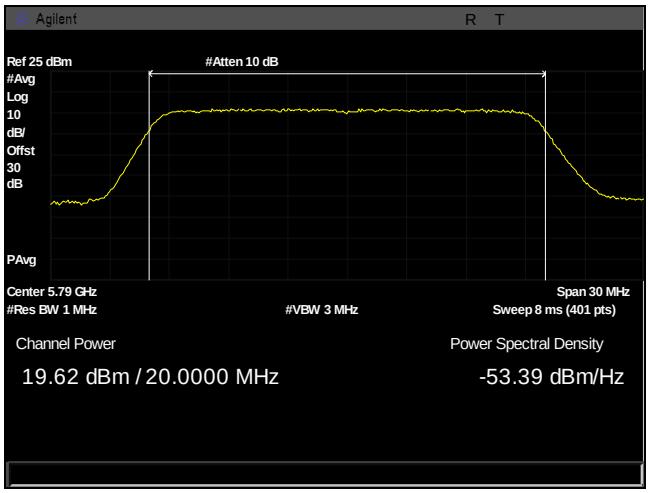
Plot 78. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5765M, 80M



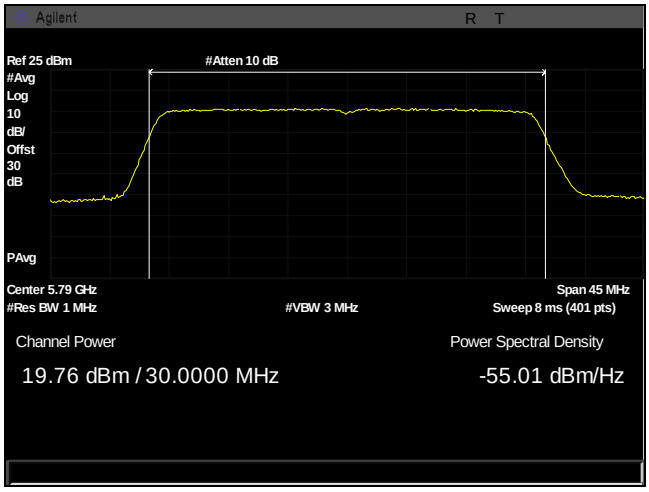
Plot 79. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5775M, 100M



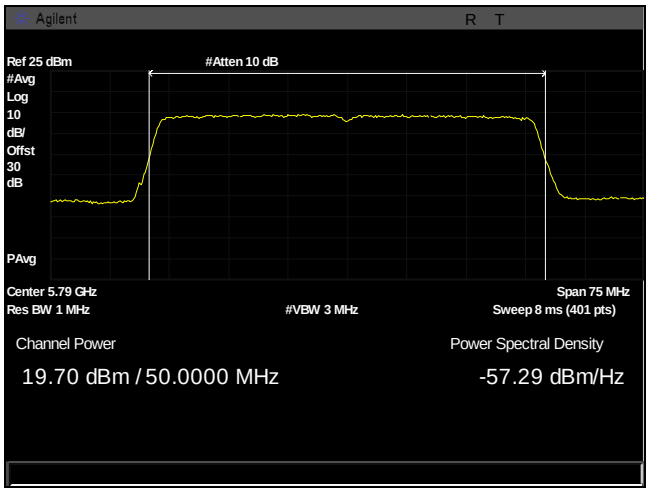
Plot 80. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5790M, 10M



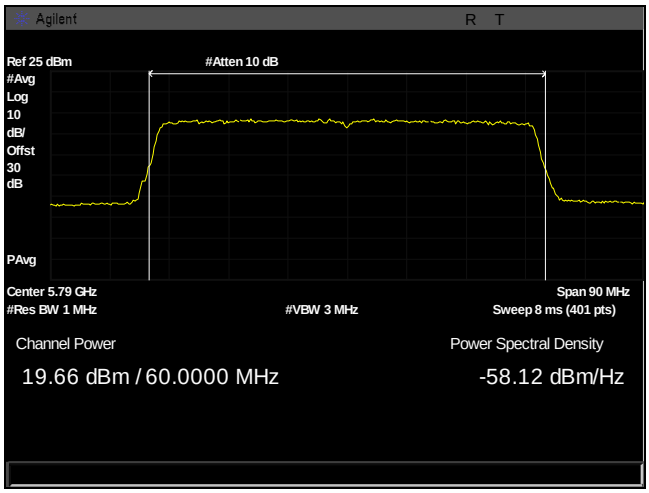
Plot 81. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5790M, 20M



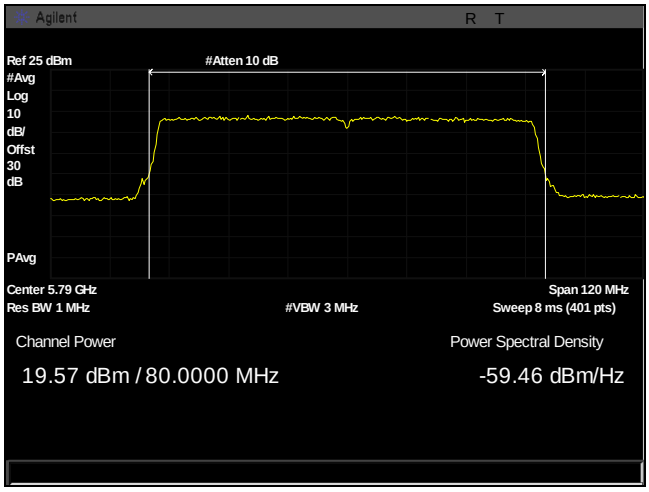
Plot 82. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5790M, 30M



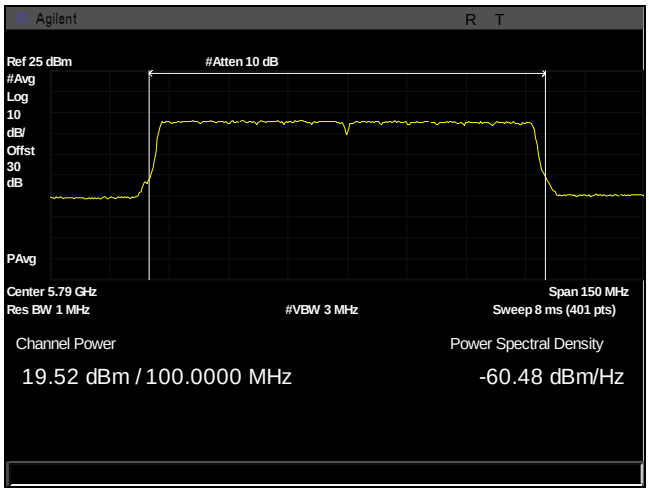
Plot 83. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5790M, 50M



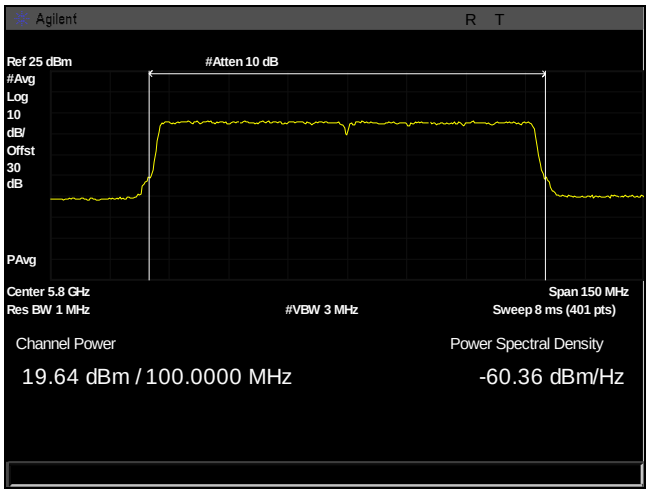
Plot 84. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5790M, 60M



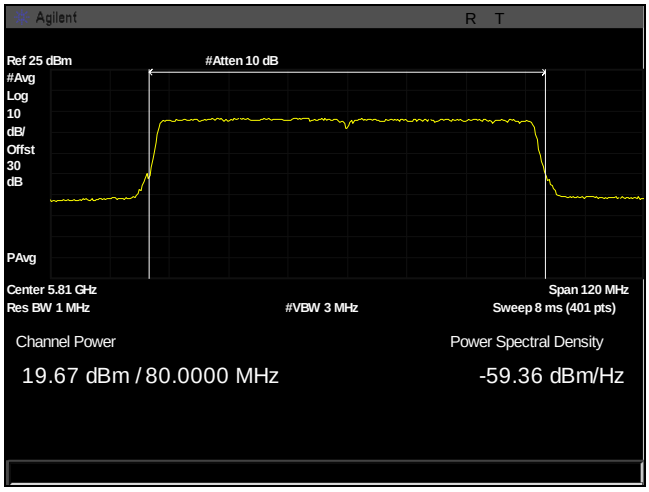
Plot 85. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5790M, 80M



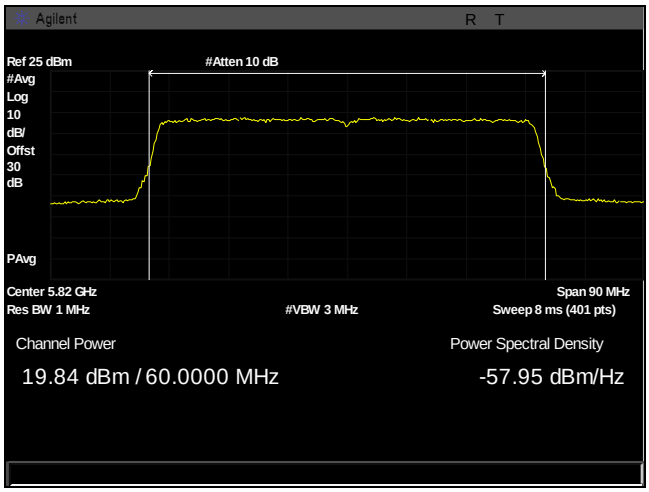
Plot 86. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5790M, 100M



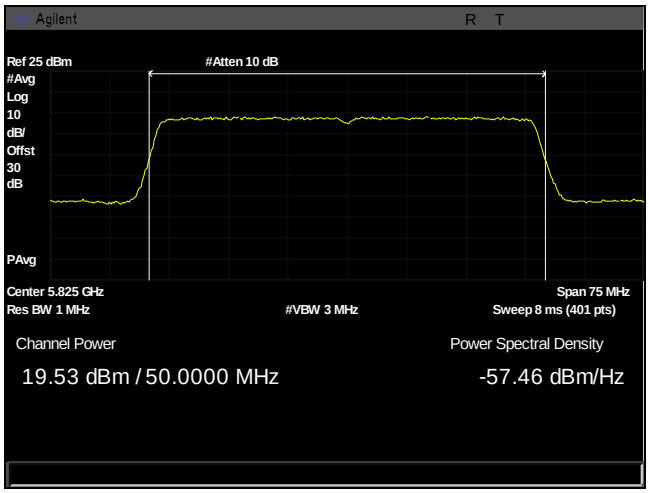
Plot 87. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5800M, 100M



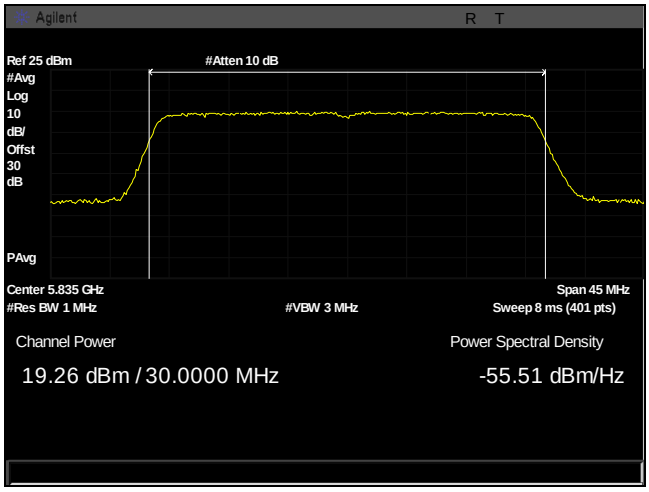
Plot 88. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5810M, 80M



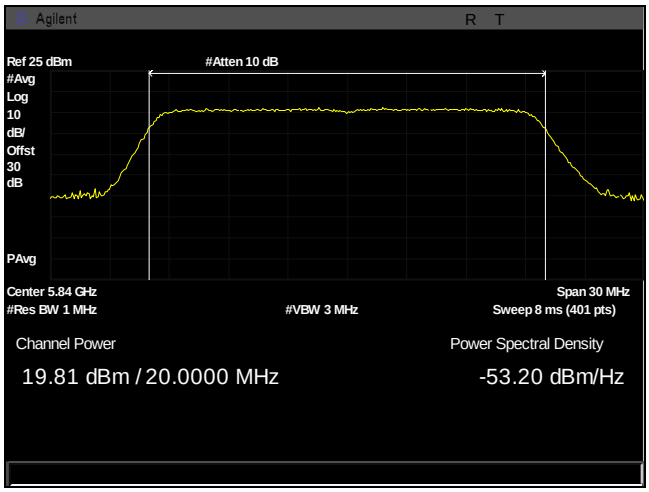
Plot 89. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5820M, 60M



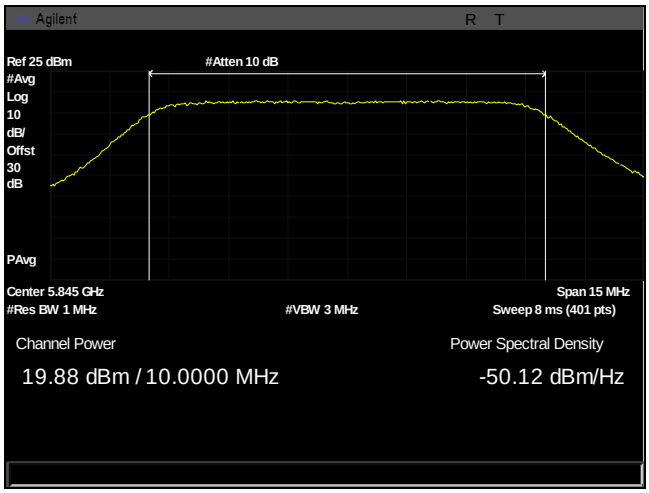
Plot 90. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5825M, 50M



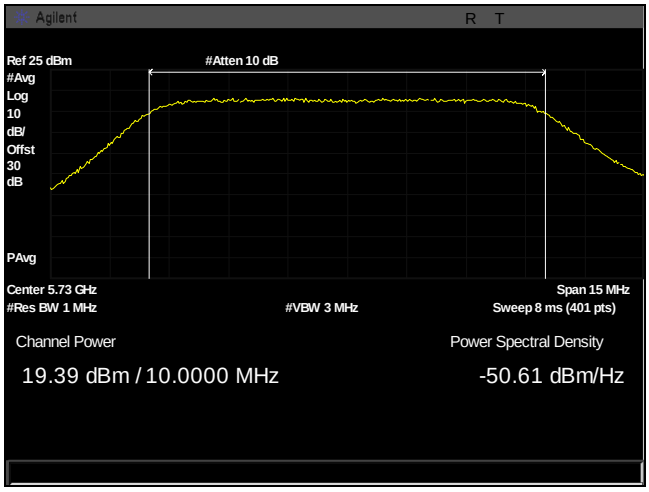
Plot 91. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5835M, 30M



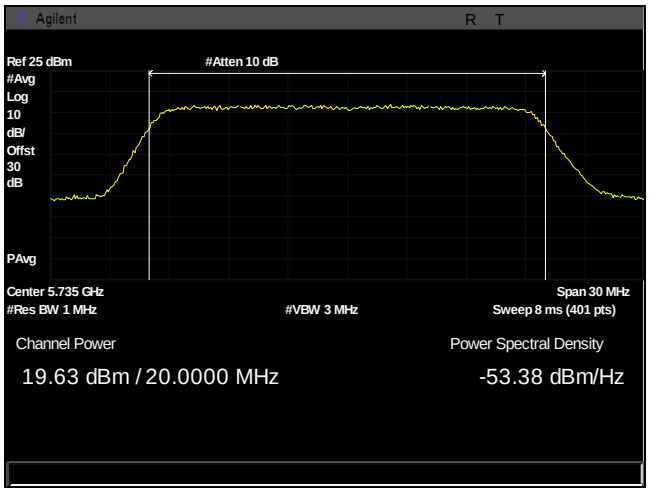
Plot 92. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5840M, 20M



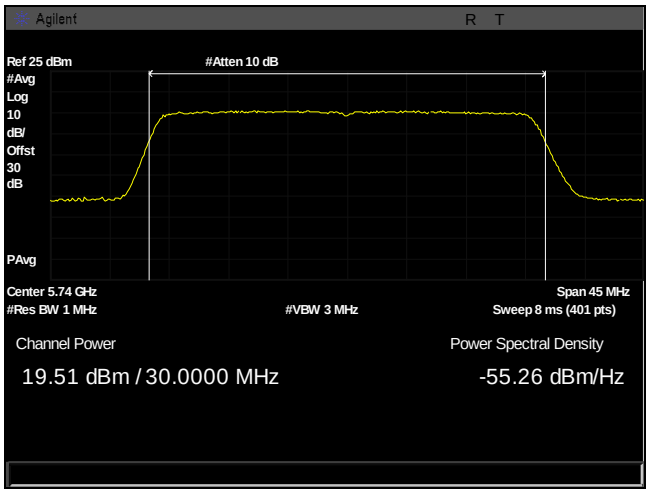
Plot 93. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain0, 5845M, 10M



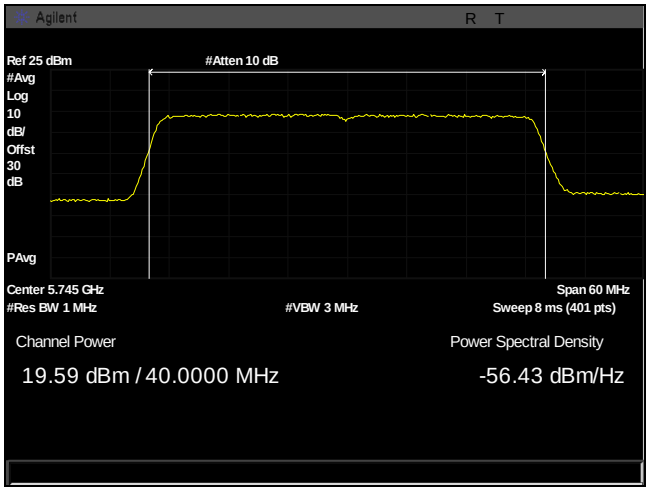
Plot 94. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5730M, 10M



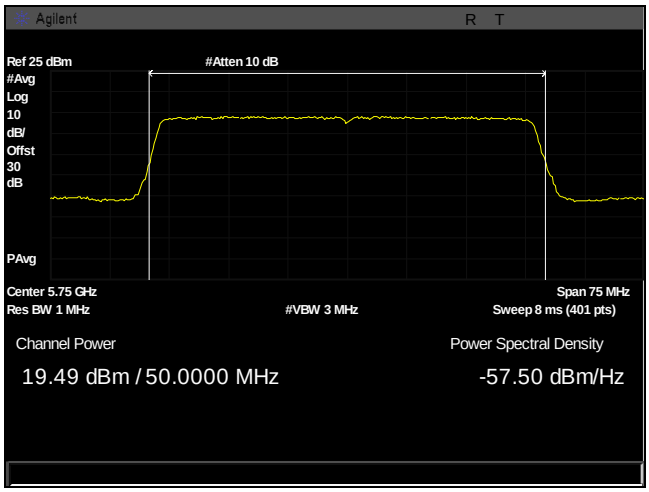
Plot 95. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5735M, 20M



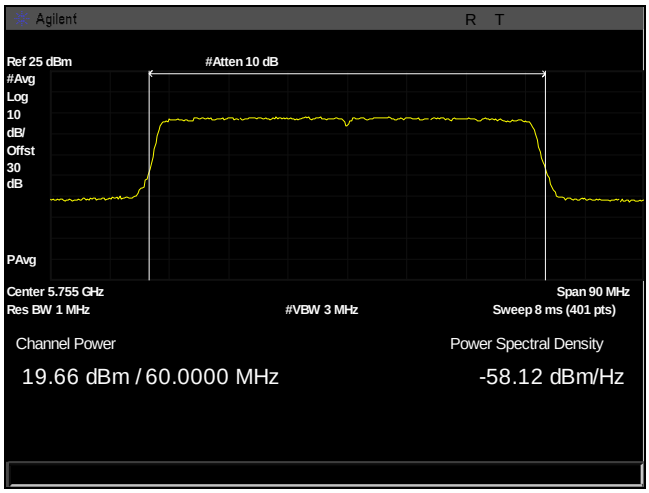
Plot 96. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5740M, 30M



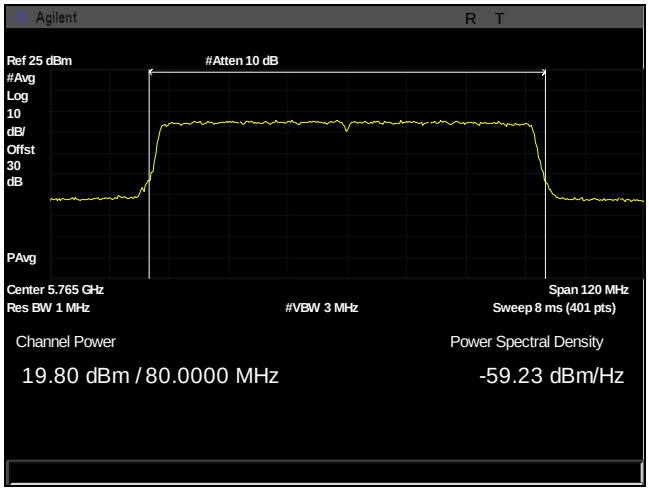
Plot 97. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5745M, 40M



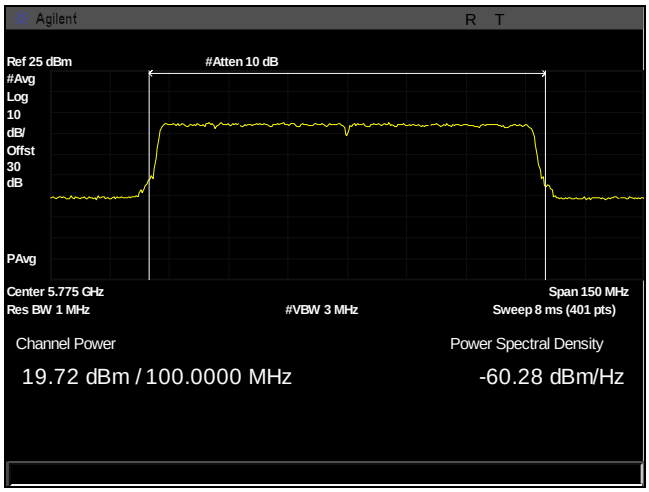
Plot 98. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5750M, 50M



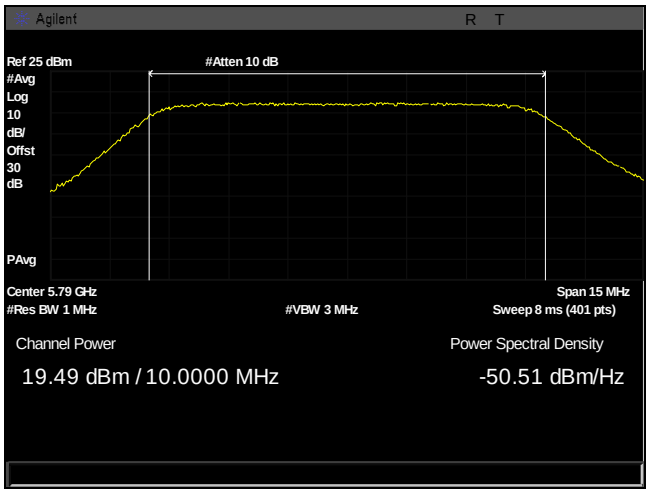
Plot 99. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5755M, 60M



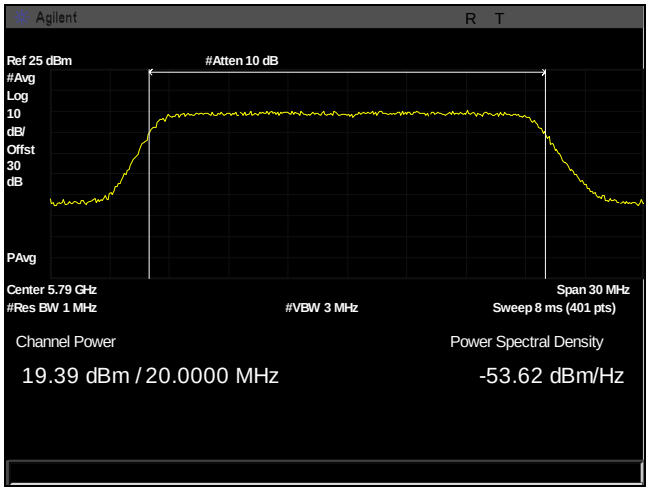
Plot 100. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5765M, 80M



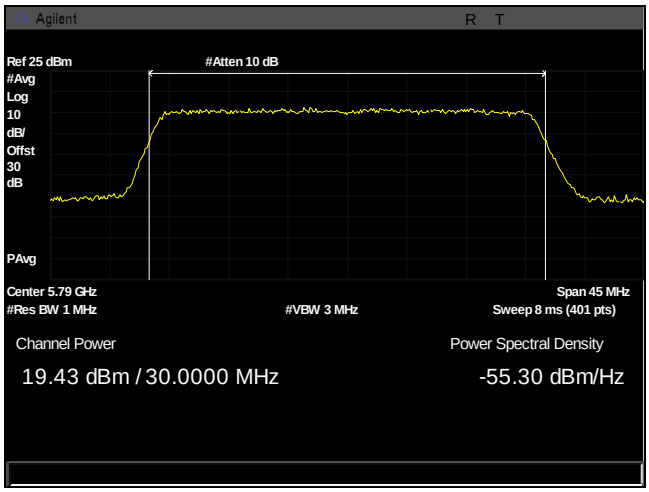
Plot 101. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5775M, 100M



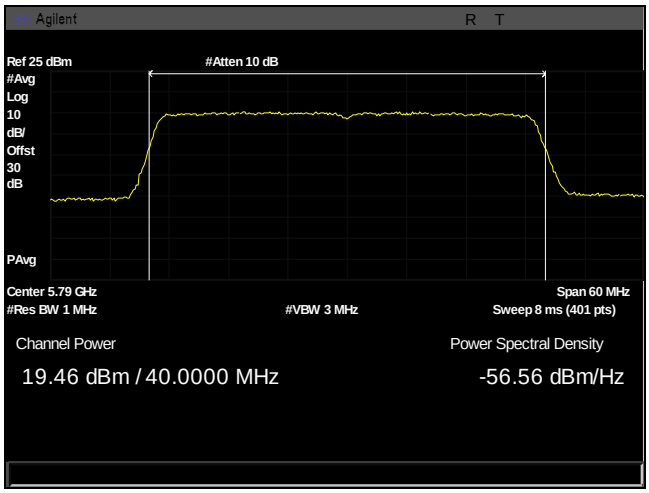
Plot 102. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5790M, 10M



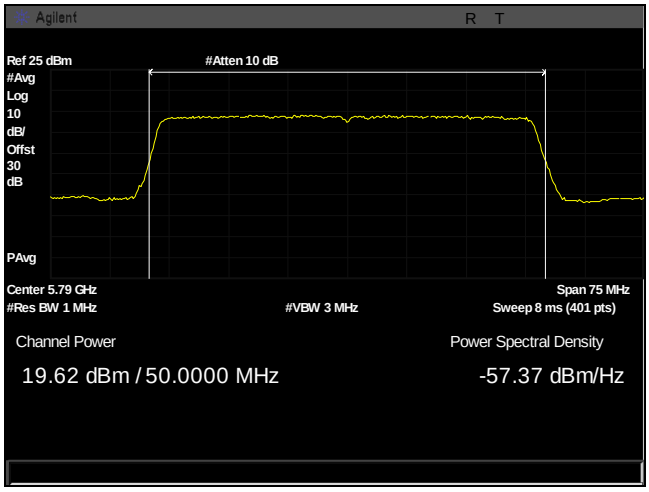
Plot 103. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5790M, 20M



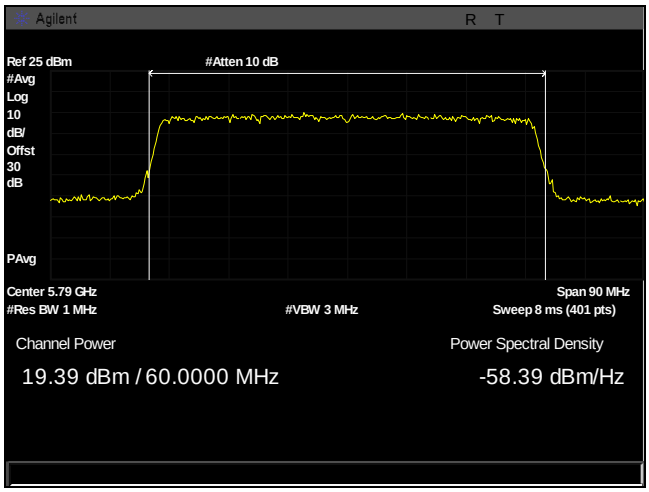
Plot 104.Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5790M, 30M



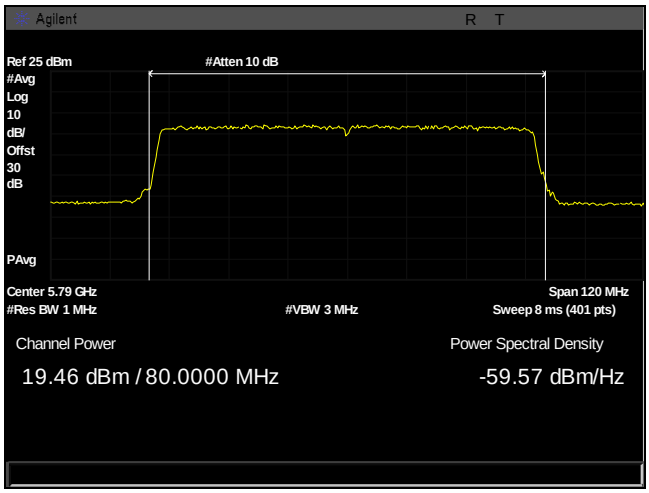
Plot 105. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5790M, 40M



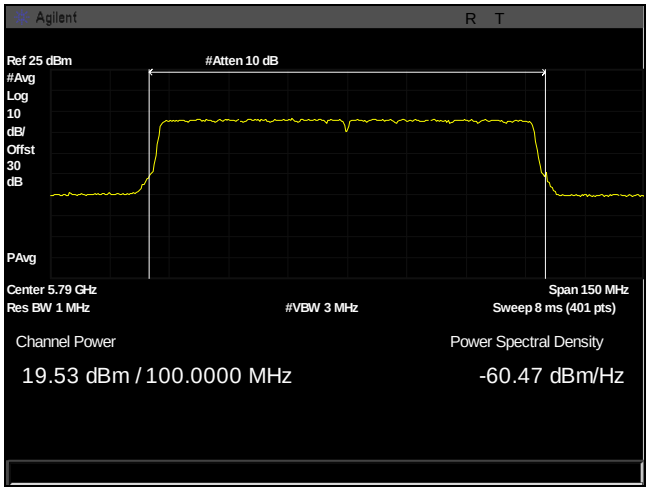
Plot 106. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5790M, 50M



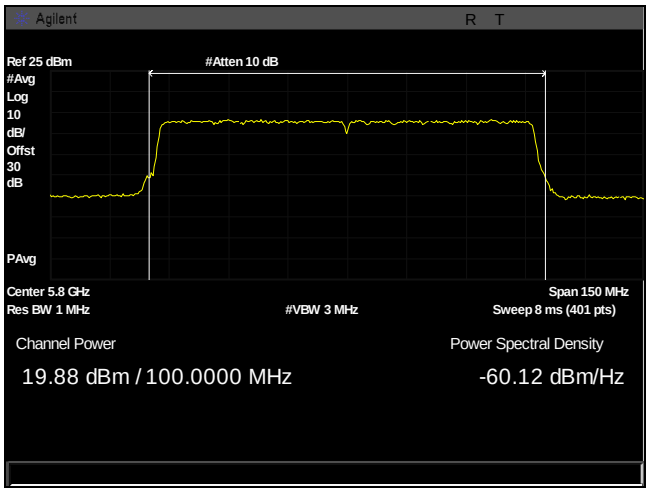
Plot 107. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5790M, 60M



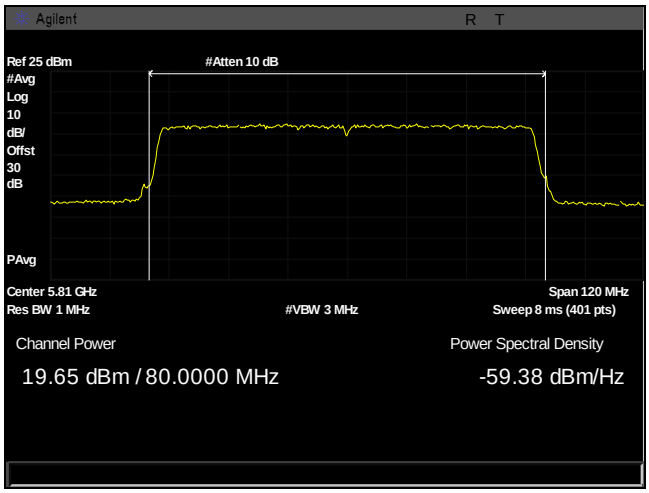
Plot 108. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5790M, 80M



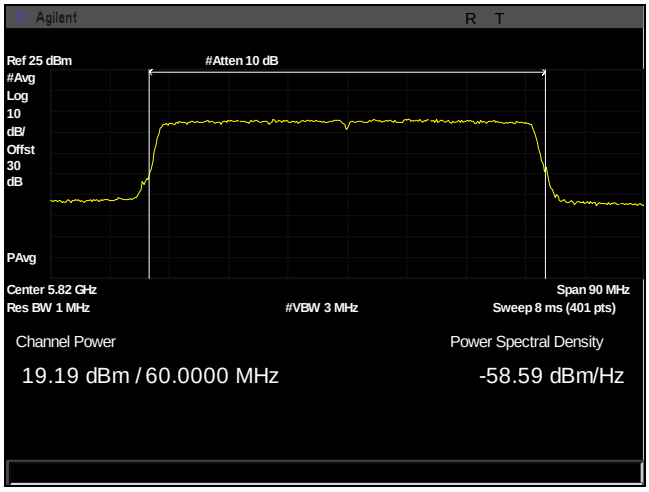
Plot 109. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5790M, 100M



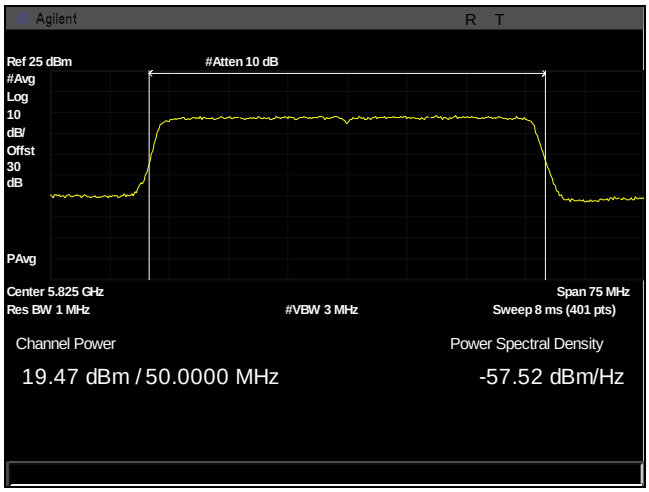
Plot 110. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5800M, 100M



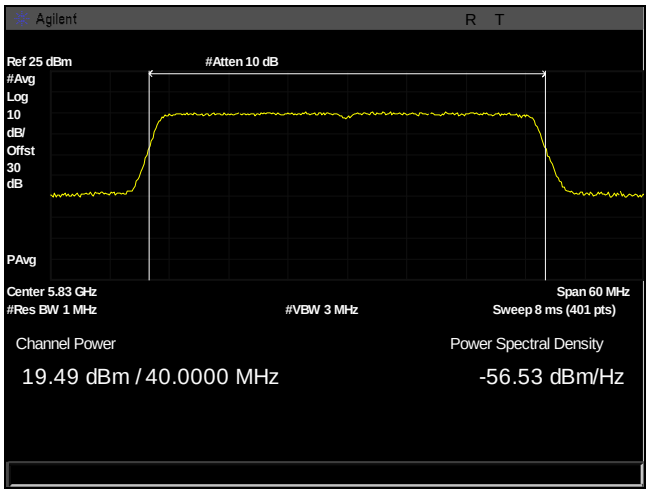
Plot 111. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5810M, 80M



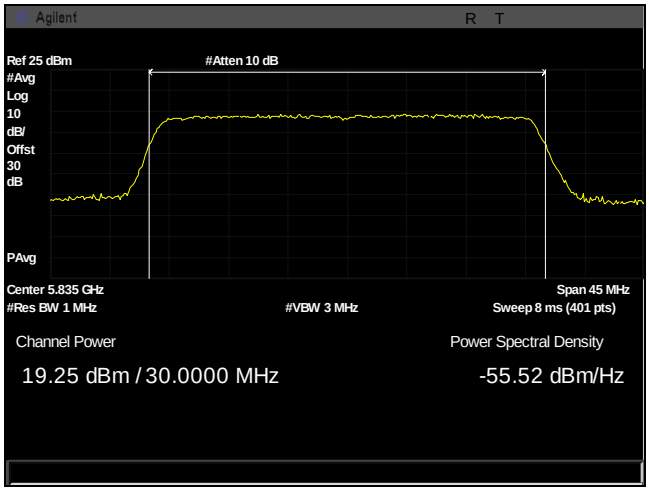
Plot 112. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5820M, 60M



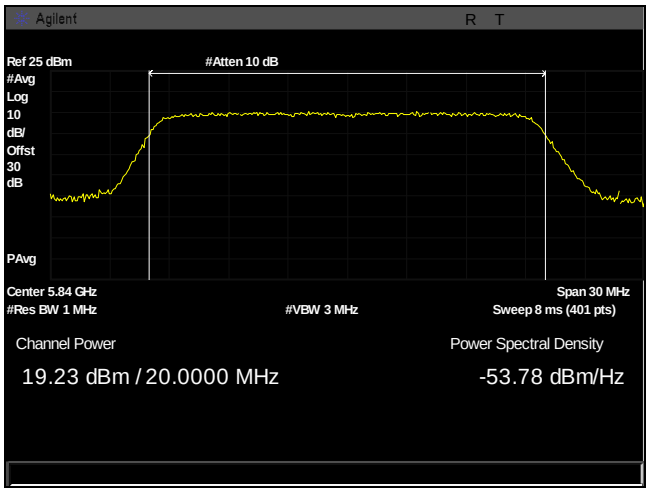
Plot 113. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5825M, 50M



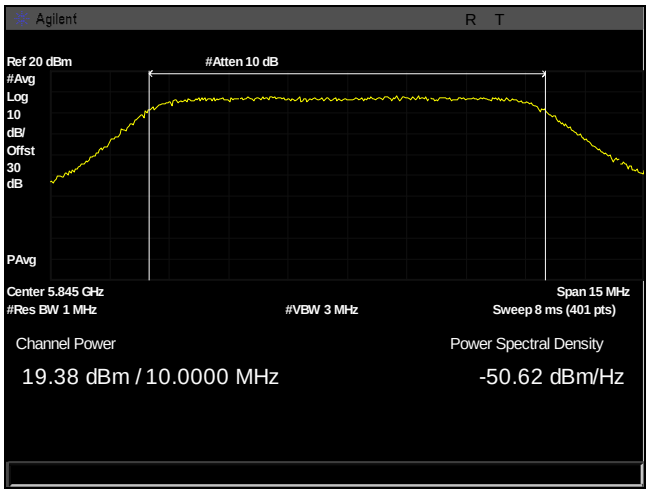
Plot 114. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5830M, 40M



Plot 115. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5835M, 30M



Plot 116. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5840M, 20M

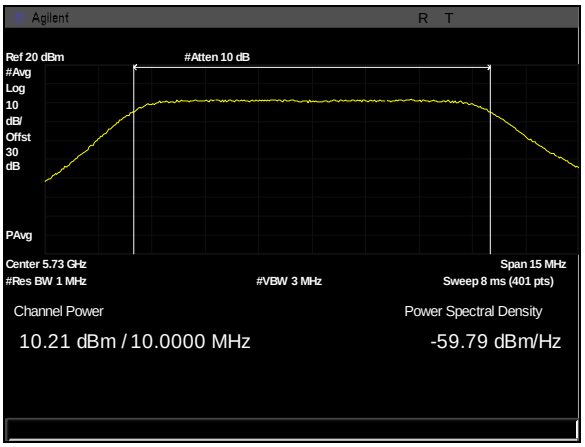


Plot 117. Conducted Transmitter Output Power, Point-to-Multipoint, 13 dBi, chain1, 5845M, 10M

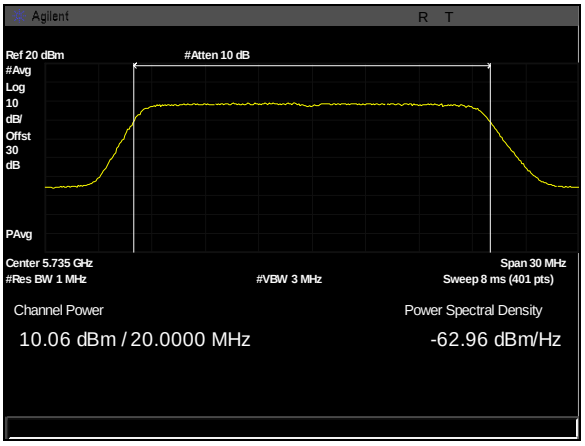
Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi

Channel BW (MHz)	Frequency (MHz)	Chain 0 (dBm)	Chain 1 (dBm)	Sum (dBm)	Limit (dBm)	Directional Gain (dBi)	Final Limit (dBm)	Margin (dB)
10	5730	10.21	10.65	13.45	30	22	14	-0.554
	5790	10.62	10.86	13.75	30	22	14	-0.248
	5845	10.75	10.51	13.64	30	22	14	-0.358
20	5735	10.06	10.55	13.32	30	22	14	-0.677
	5790	10.25	10.12	13.2	30	22	14	-0.804
	5840	10.3	10.23	13.28	30	22	14	-0.724
30	5740	10.58	10.07	13.34	30	22	14	-0.657
	5790	10.75	10.94	13.86	30	22	14	-0.143
	5835	9.8	10.53	13.19	30	22	14	-0.809
40	5745	10.37	10.34	13.37	30	22	14	-0.634
	5790	10.37	10.47	13.43	30	22	14	-0.569
	5830	10.42	10.29	13.37	30	22	14	-0.634
50	5750	10.33	9.79	13.08	30	22	14	-0.921
	5790	10.69	9.77	13.27	30	22	14	-0.735
	5825	10.66	10	13.35	30	22	14	-0.647
60	5755	10.28	10.69	13.5	30	22	14	-0.499
	5790	10.81	10.21	13.53	30	22	14	-0.469
	5820	10.86	10.87	13.88	30	22	14	-0.124
80	5765	10.35	10.14	13.26	30	22	14	-0.743
	5790	10.71	10.87	13.8	30	22	14	-0.198
	5810	10.84	10	13.45	30	22	14	-0.549
100	5775	10.16	9.92	13.05	30	22	14	-0.948
	5790	10.85	10.05	13.48	30	22	14	-0.521
	5800	10.64	10.51	13.59	30	22	14	-0.414

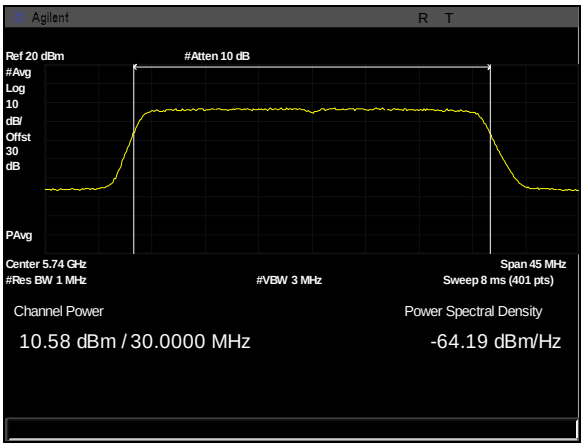
Table 9. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, 2x2, Test Results 2



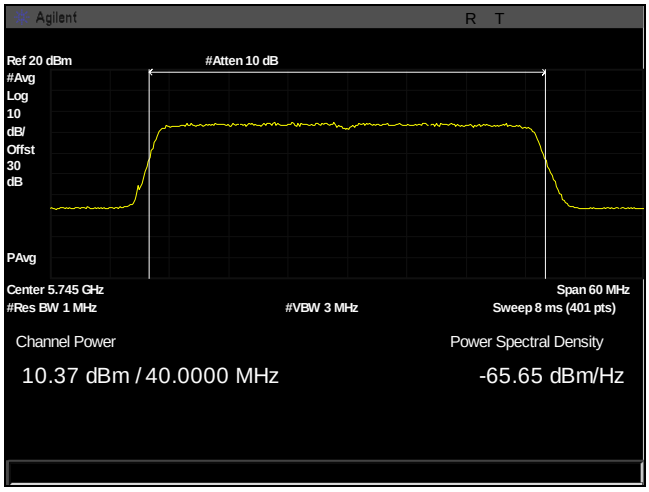
Plot 118. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5730M, 10M



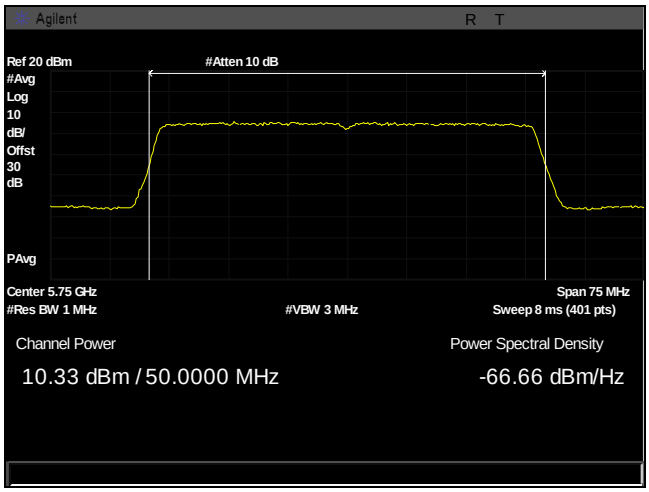
Plot 119. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5735M, 20M



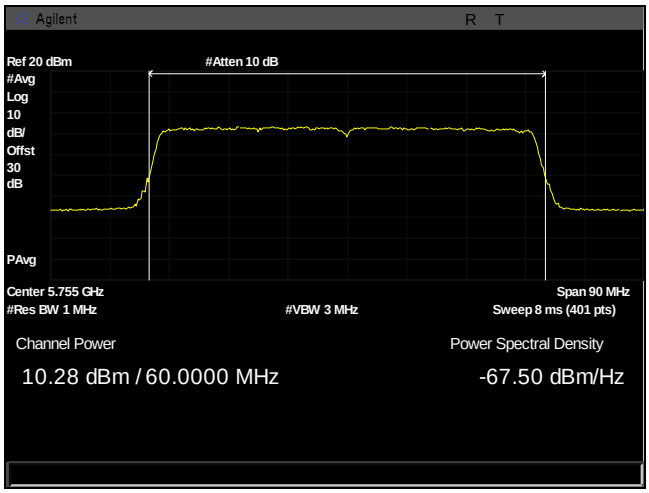
Plot 120. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5740M, 30M



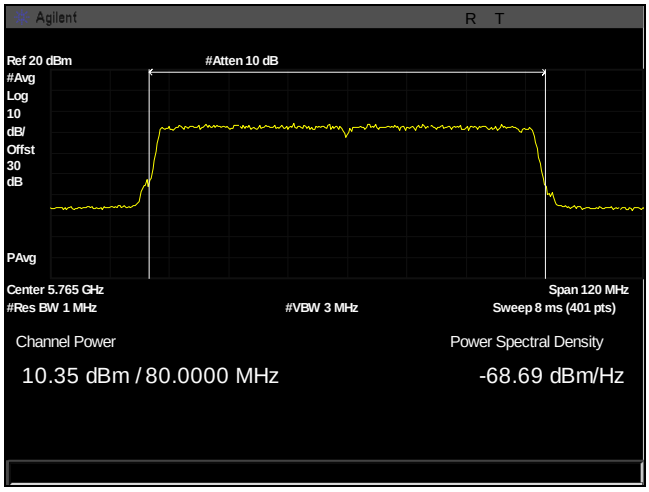
Plot 121. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5745M, 40M



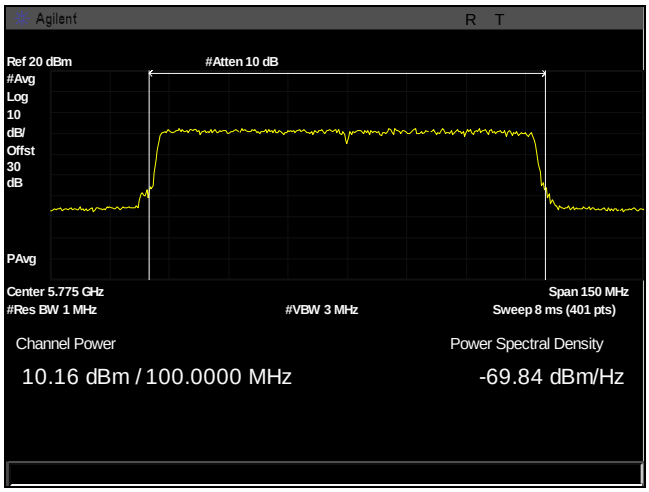
Plot 122. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5750M, 50M



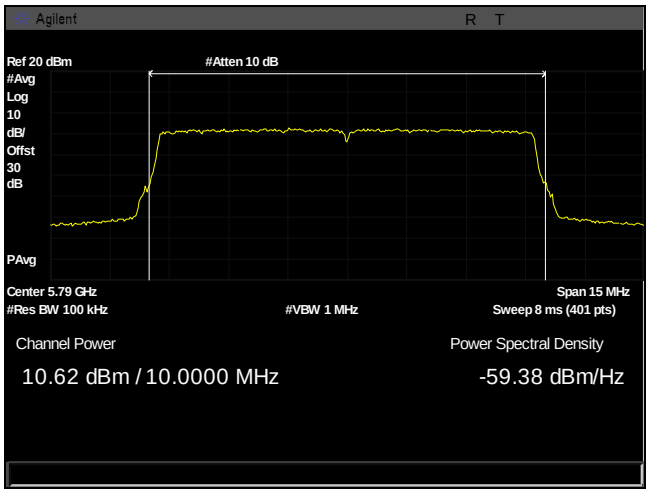
Plot 123. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5755M, 60M



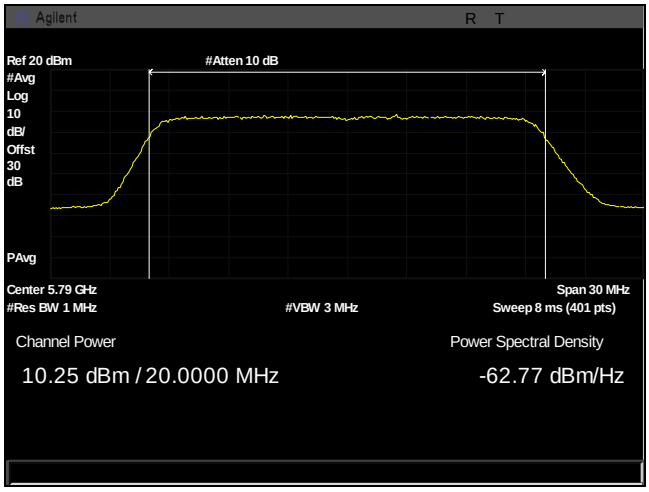
Plot 124. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5765M, 80M



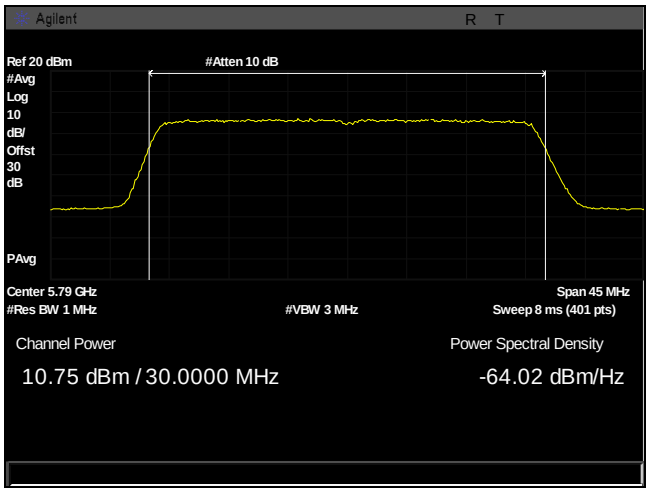
Plot 125. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5775M, 100M



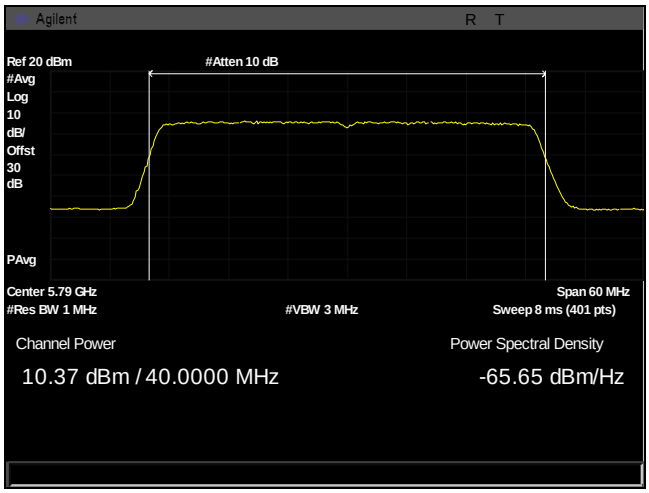
Plot 126. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5790M, 10M



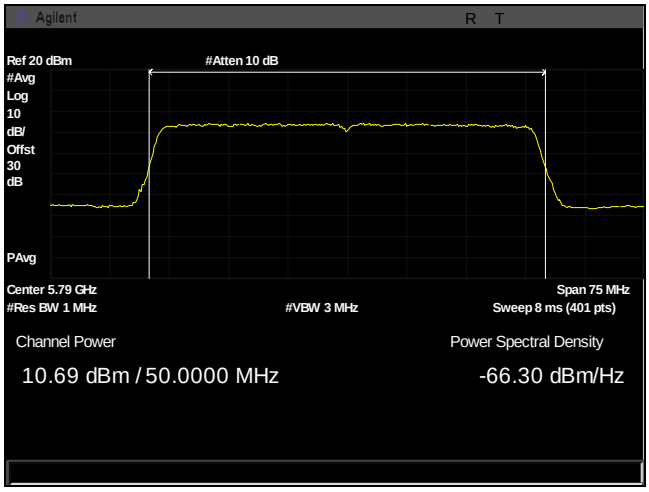
Plot 127. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5790M, 20M



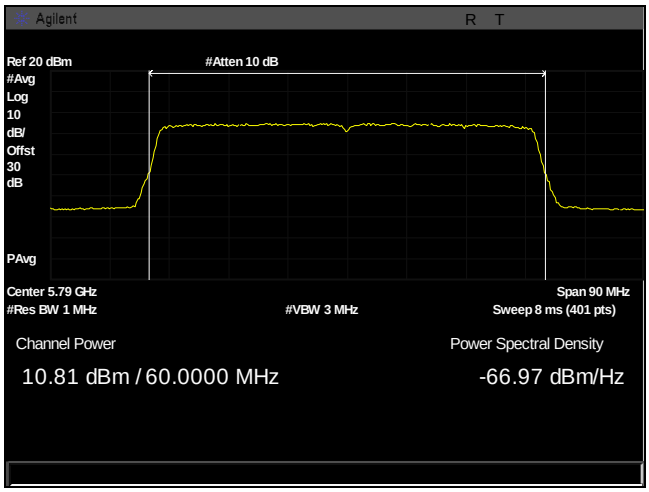
Plot 128. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5790M, 30M



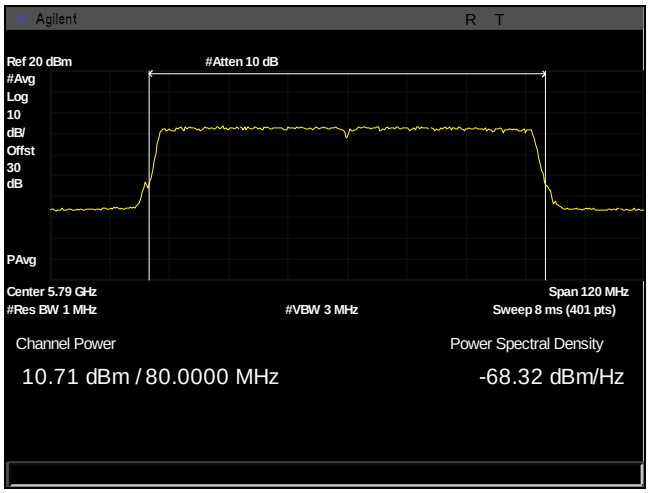
Plot 129. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5790M, 40M



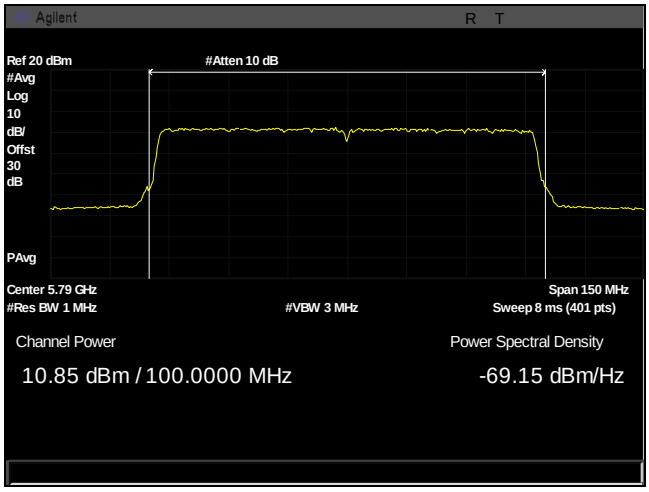
Plot 130. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5790M, 50M



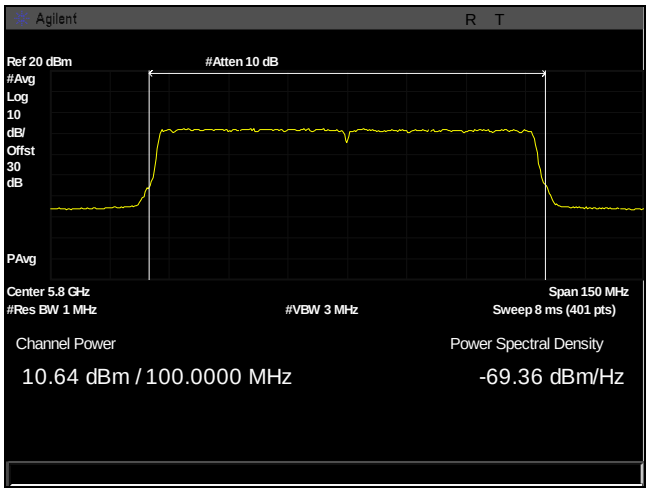
Plot 131. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5790M, 60M



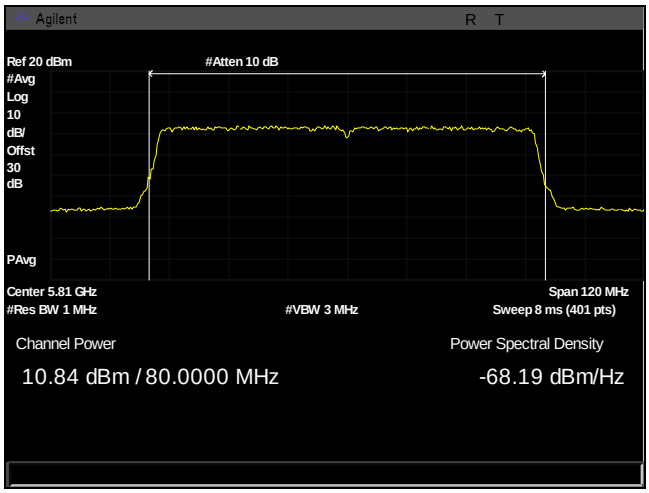
Plot 132. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5790M, 80M



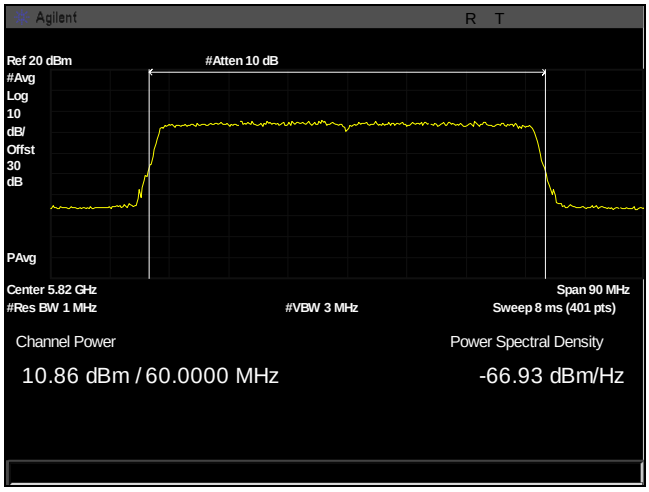
Plot 133. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5790M, 100M



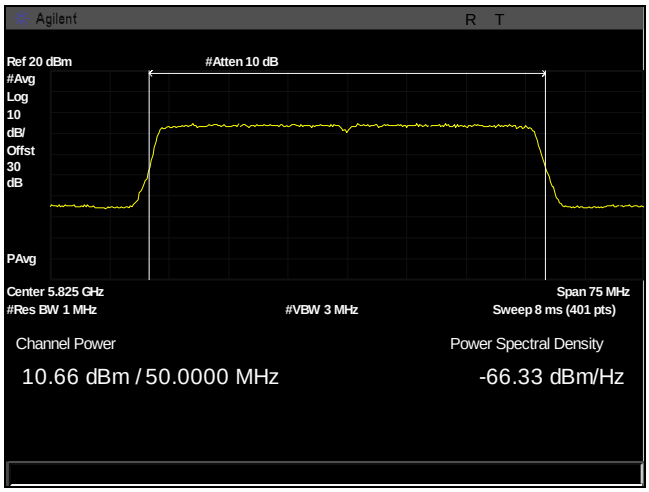
Plot 134. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5800M, 100M



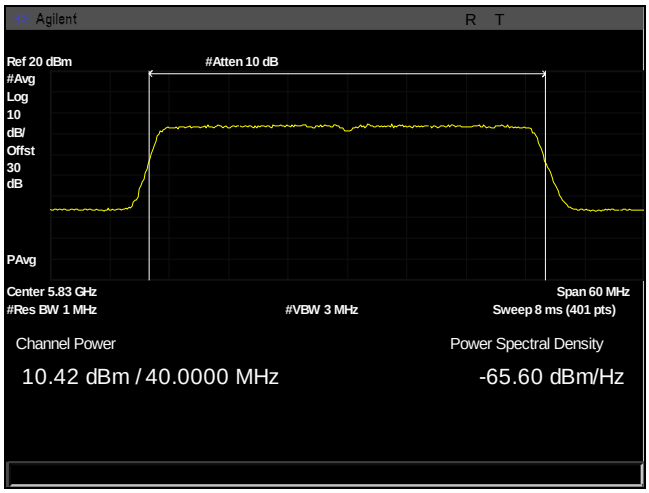
Plot 135. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5810M, 80M



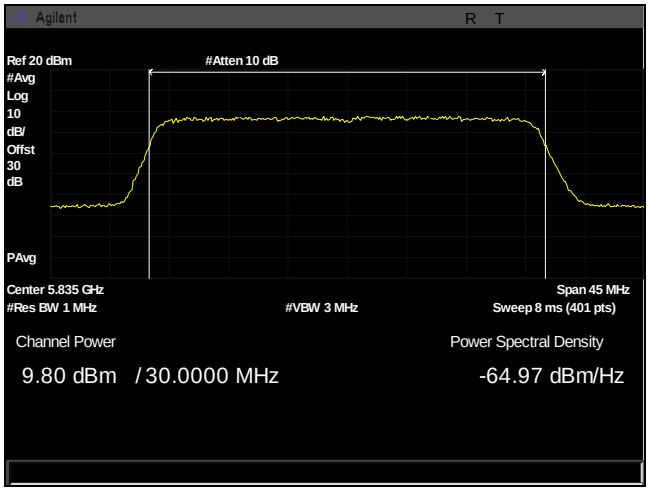
Plot 136. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5820M, 60M



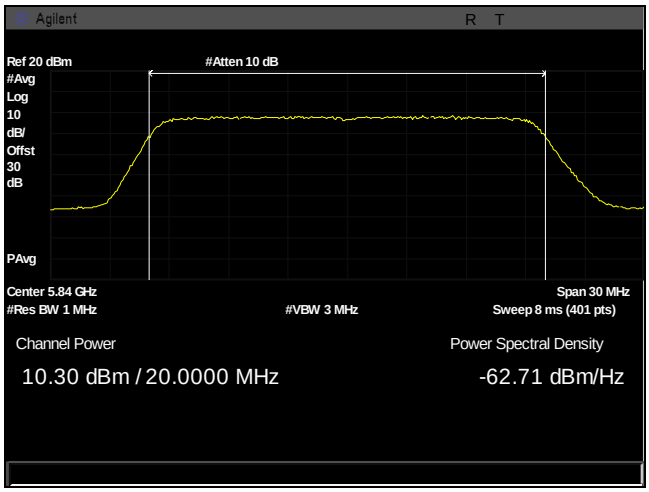
Plot 137. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5825M, 50M



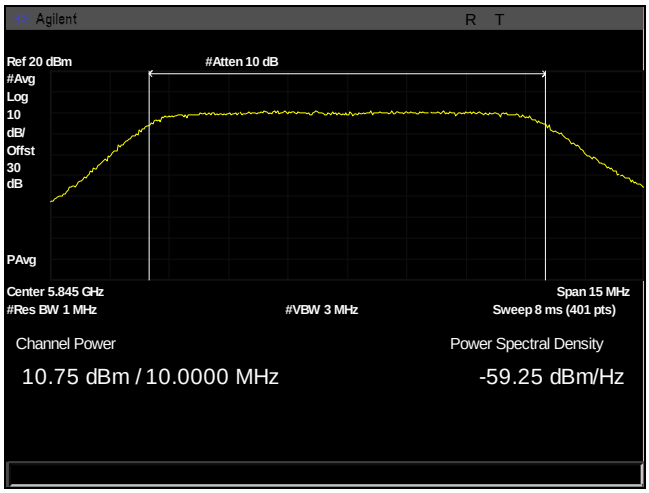
Plot 138. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5830M, 40M



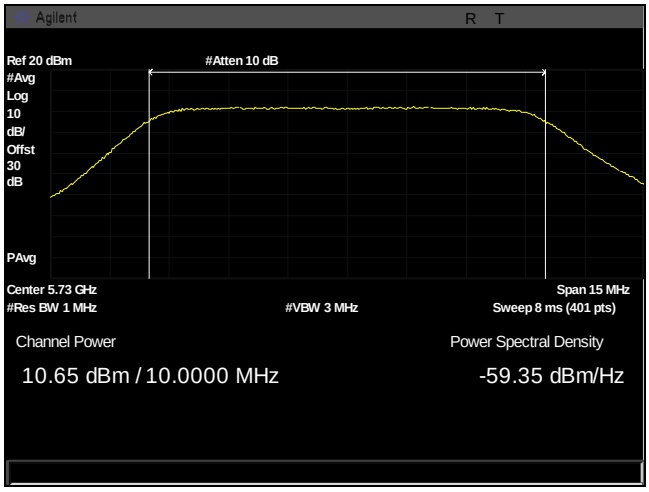
Plot 139. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5835M, 30M



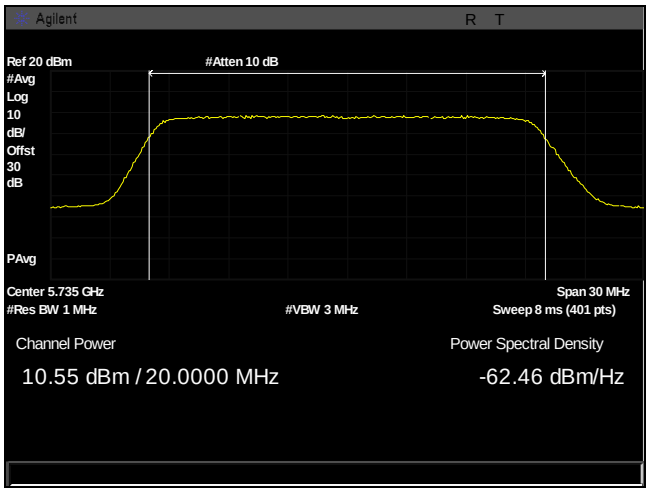
Plot 140. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5840M, 20M



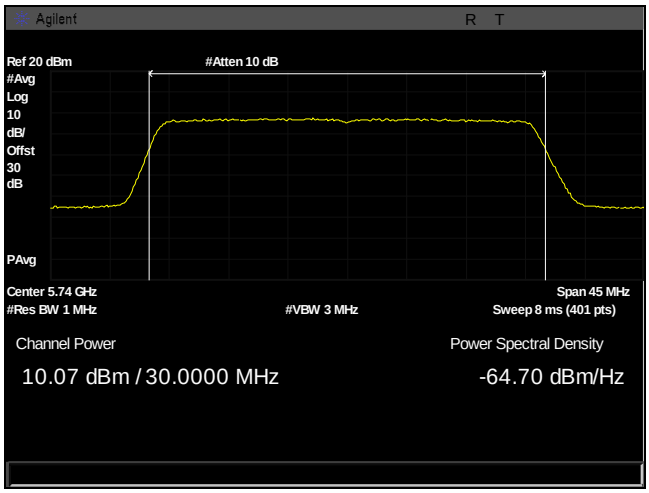
Plot 141. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain0, 5845M, 10M



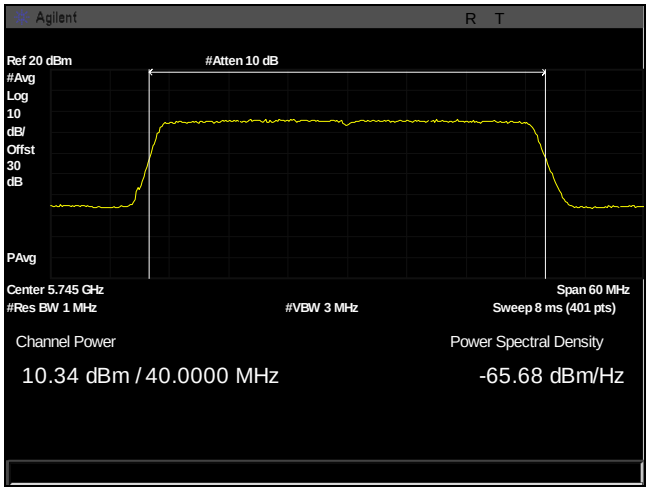
Plot 142. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5730M, 10M



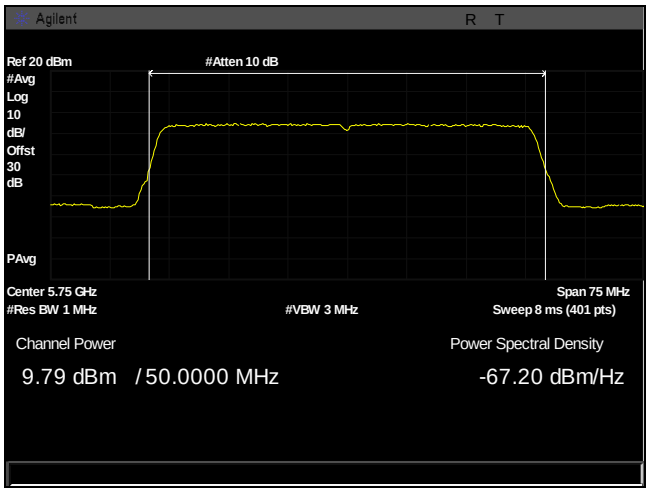
Plot 143. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5735M, 20M



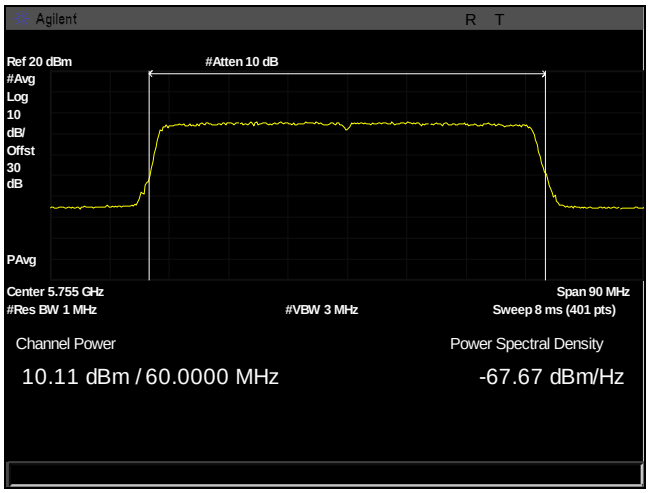
Plot 144. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5740M, 30M



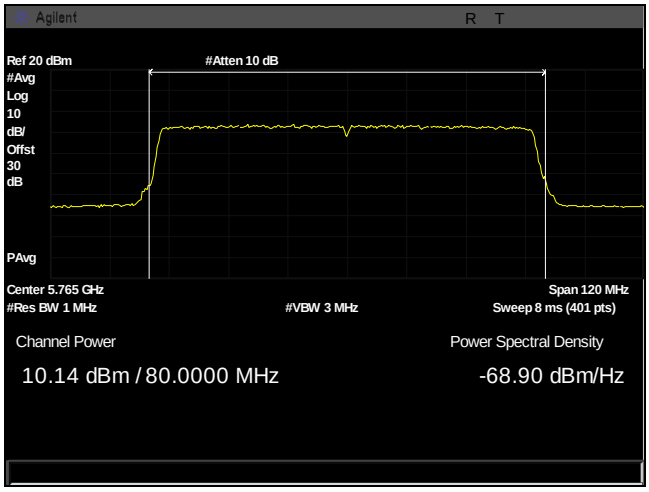
Plot 145. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5745M, 40M



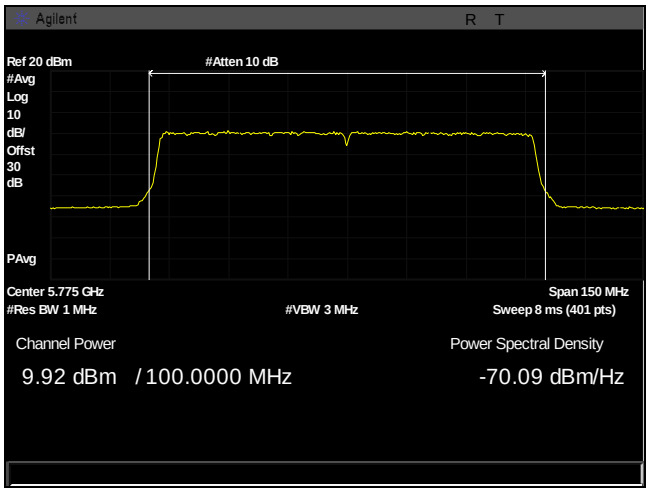
Plot 146. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5750M, 50M



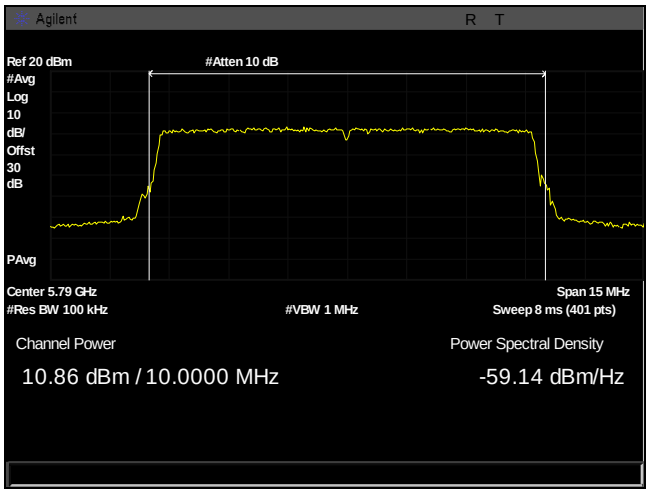
Plot 147. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5755M, 60M



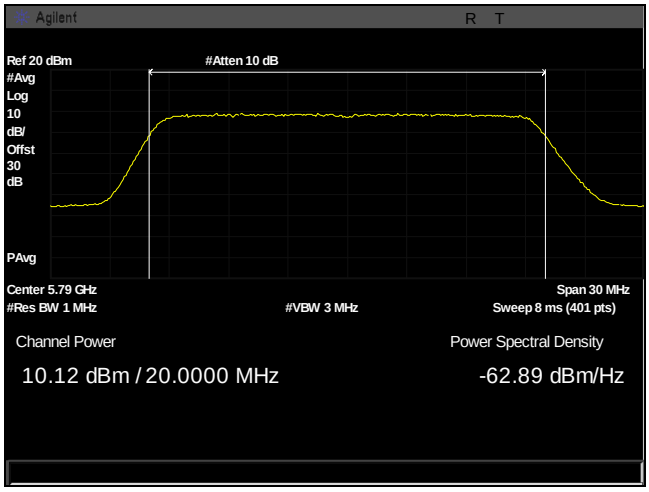
Plot 148. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5765M, 80M



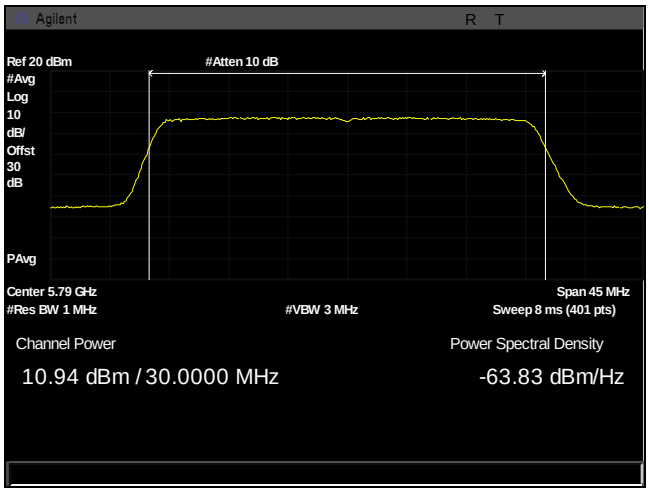
Plot 149. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5775M, 100M



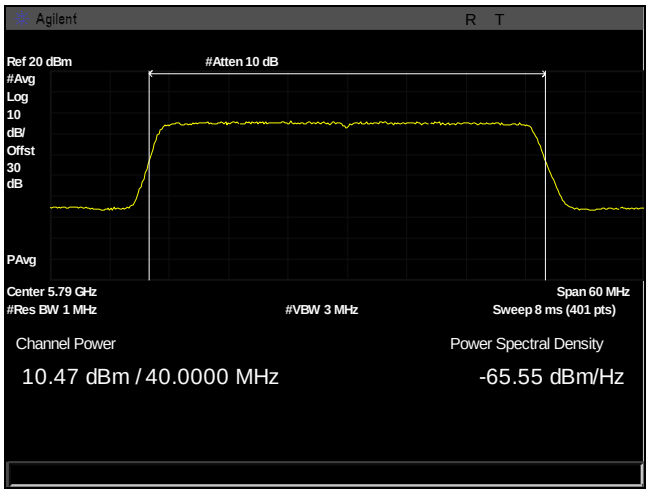
Plot 150. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5790M, 10M



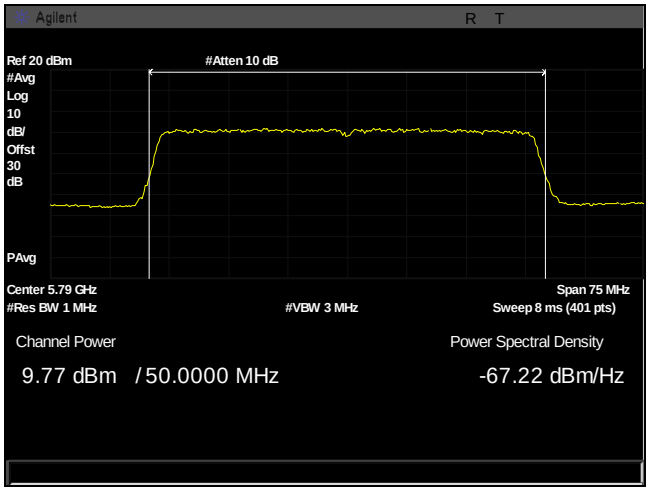
Plot 151. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5790M, 20M



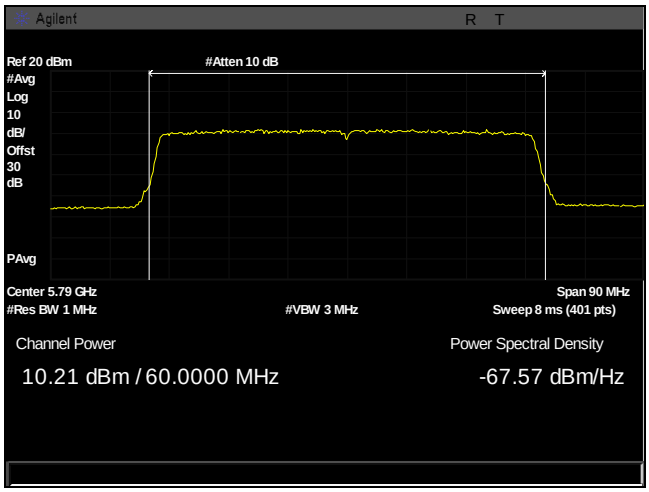
Plot 152. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5790M, 30M



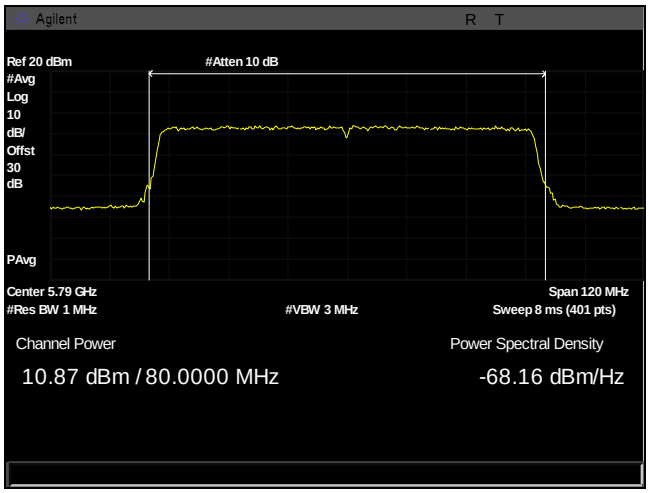
Plot 153. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5790M, 40M



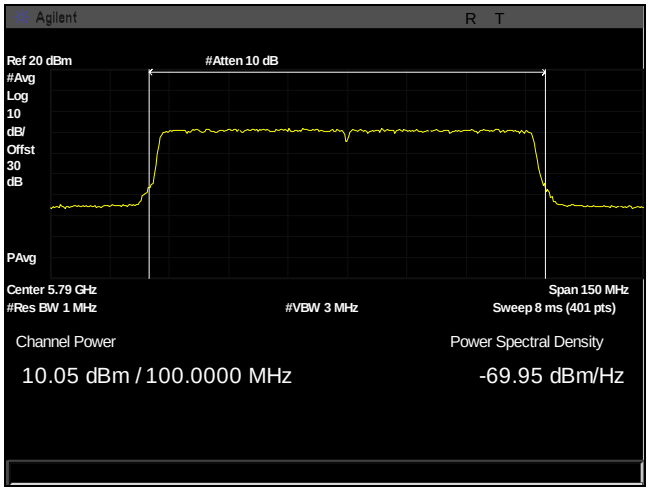
Plot 154. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5790M, 50M



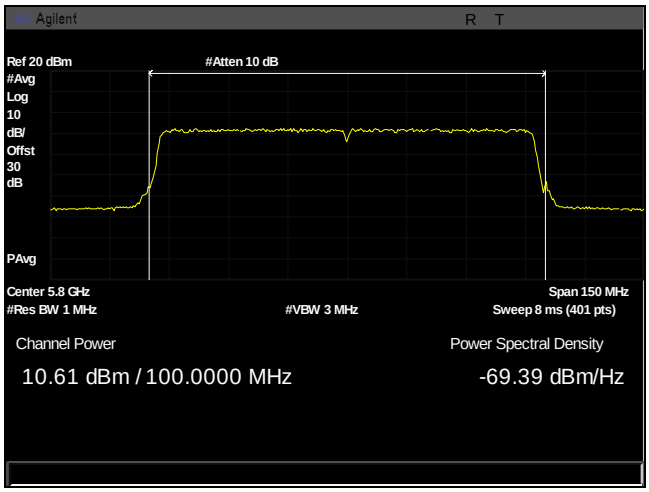
Plot 155. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5790M, 60M



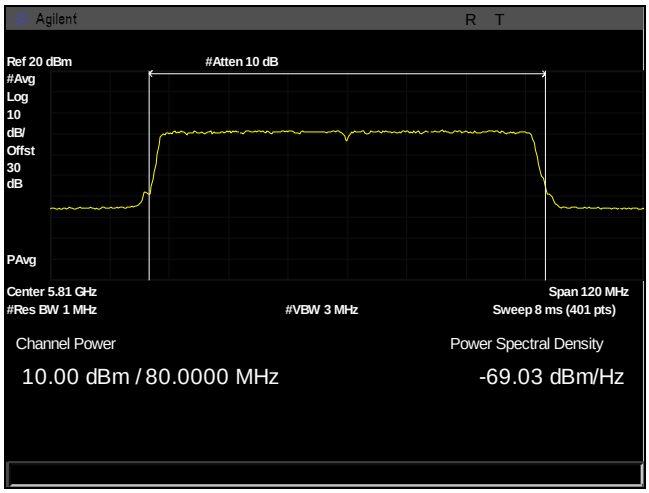
Plot 156. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5790M, 80M



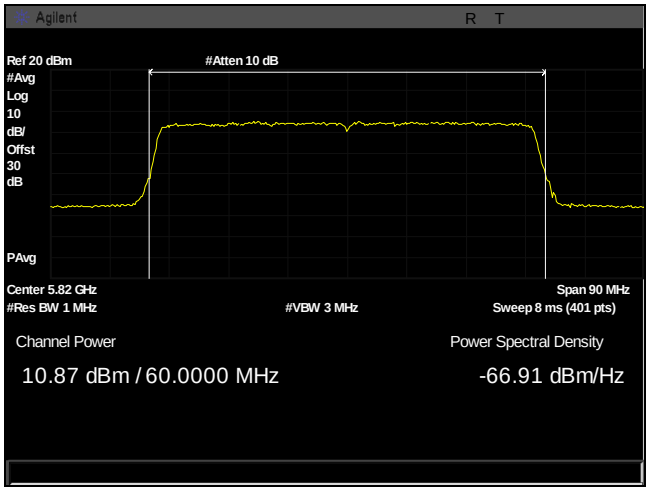
Plot 157. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5790M, 100M



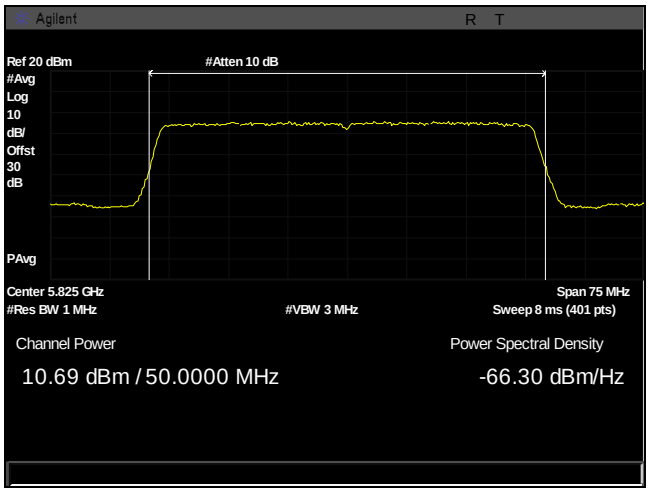
Plot 158. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5800M, 100M



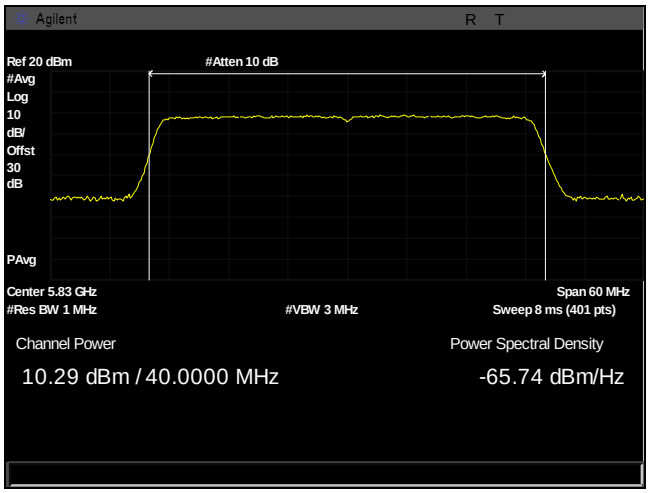
Plot 159. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5810M, 80M



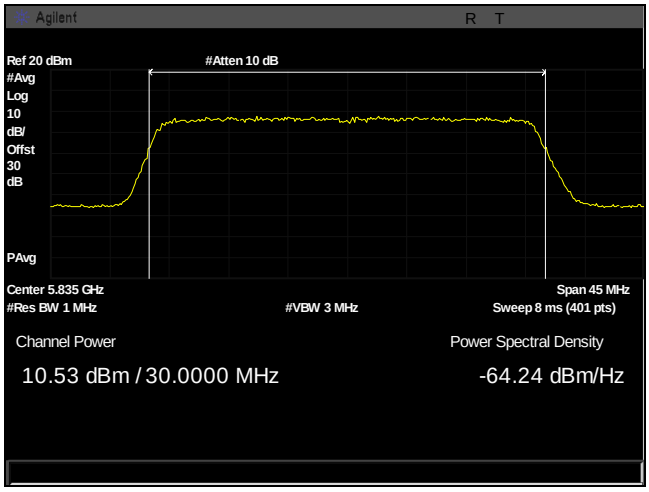
Plot 160. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5820M, 60M



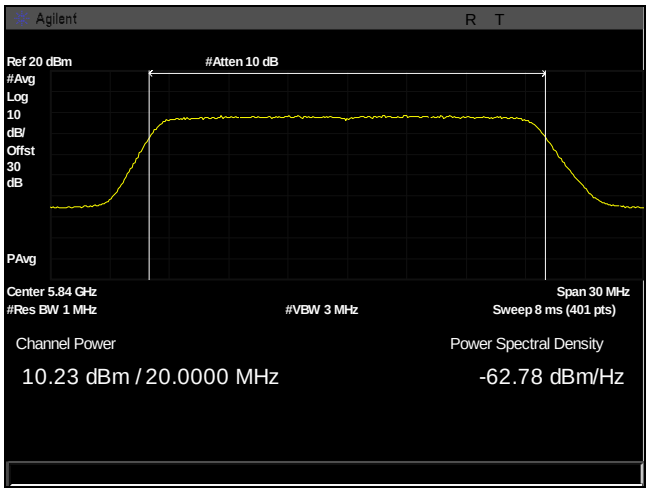
Plot 161. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5825M, 50M



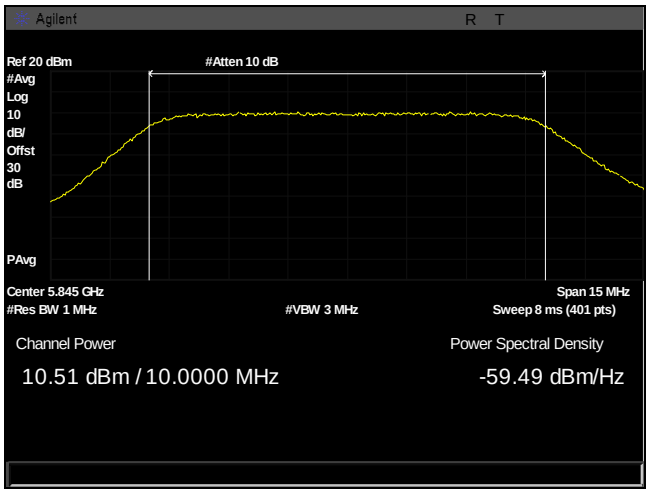
Plot 162. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5830M, 40M



Plot 163. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5835M, 30M



Plot 164 Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5840M, 20M

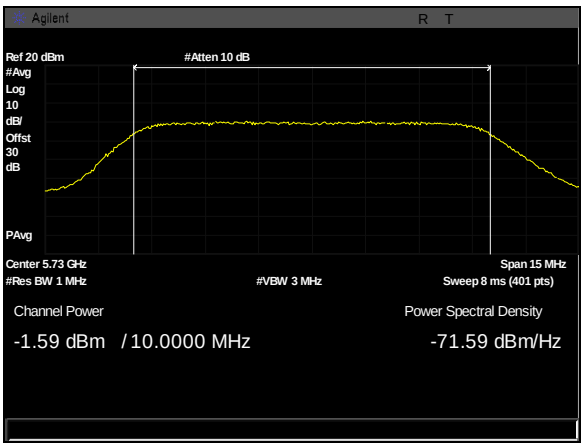


Plot 165. Conducted Transmitter Output Power, Point-to-Multipoint, 22 dBi, chain1, 5845M, 10M

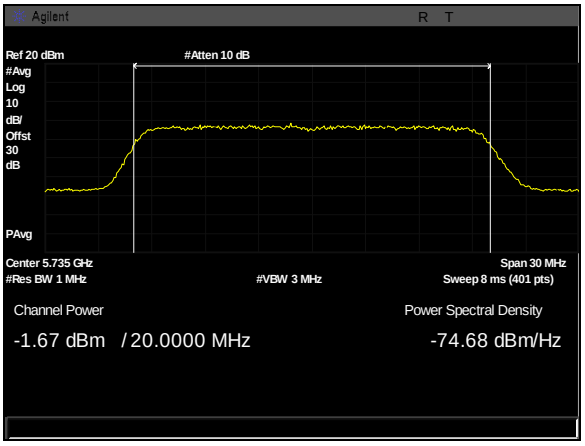
Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi

Channel BW (MHz)	Frequency (MHz)	Chain 0 (dBm)	Chain 1 (dBm)	Sum (dBm)	Limit (dBm)	Directional Gain (dBi)	Final Limit (dBm)	Margin (dB)
10	5730	-1.59	-1.96	1.24	30	34	2	-0.76
	5790	-1.11	-1.79	1.574	30	34	2	-0.426
	5845	-1.27	-1.36	1.696	30	34	2	-0.304
20	5735	-1.67	-1.69	1.331	30	34	2	-0.669
	5790	-1.16	-1.48	1.694	30	34	2	-0.306
	5840	-1.31	-1.52	1.597	30	34	2	-0.403
30	5740	-1.89	-1.3	1.426	30	34	2	-0.574
	5790	-1.32	-1.93	1.397	30	34	2	-0.603
	5835	-1.58	-1.69	1.376	30	34	2	-0.624
40	5745	-1.54	-1.36	1.562	30	34	2	-0.438
	5790	-1.46	-1.31	1.626	30	34	2	-0.374
	5830	-1.6	-1.41	1.507	30	34	2	-0.493
50	5750	-1.2	-1.54	1.644	30	34	2	-0.356
	5790	-1.53	-1.1	1.701	30	34	2	-0.299
	5825	-1.78	-1.96	1.142	30	34	2	-0.858
60	5755	-1.08	-1.24	1.852	30	34	2	-0.148
	5790	-1.35	-1.95	1.371	30	34	2	-0.629
	5820	-1.6	-1.78	1.322	30	34	2	-0.678
80	5765	-2.05	-1.46	1.266	30	34	2	-0.734
	5790	-1.4	-2.06	1.293	30	34	2	-0.707
	5810	-1.32	-1.68	1.515	30	34	2	-0.485
100	5775	-1.22	-1.62	1.595	30	34	2	-0.405
	5790	-1.25	-2.15	1.334	30	34	2	-0.666
	5800	-1.3	-1.72	1.506	30	34	2	-0.494

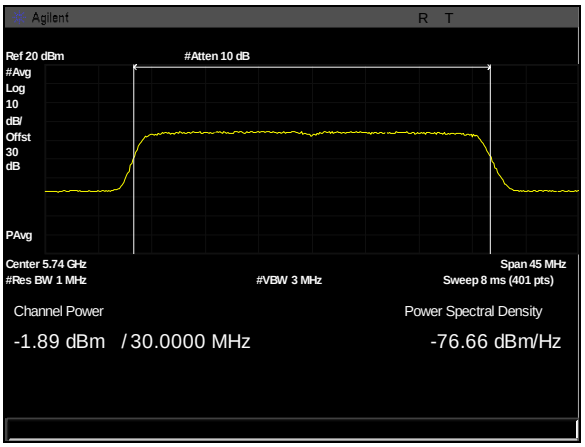
Table 10. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, 2x2, Test Results 2



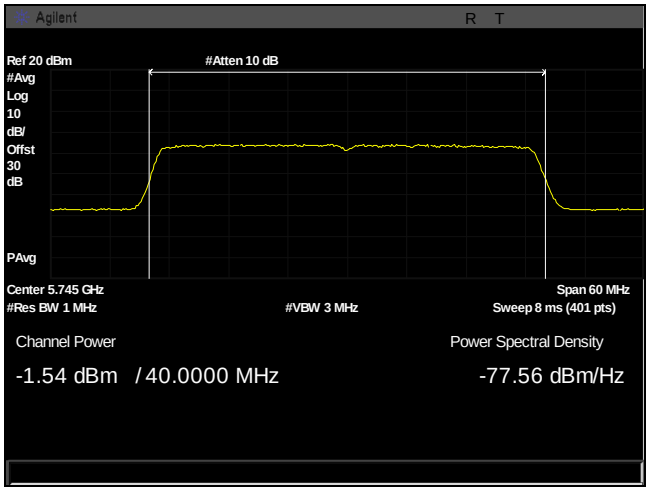
Plot 166. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5730M, 10M



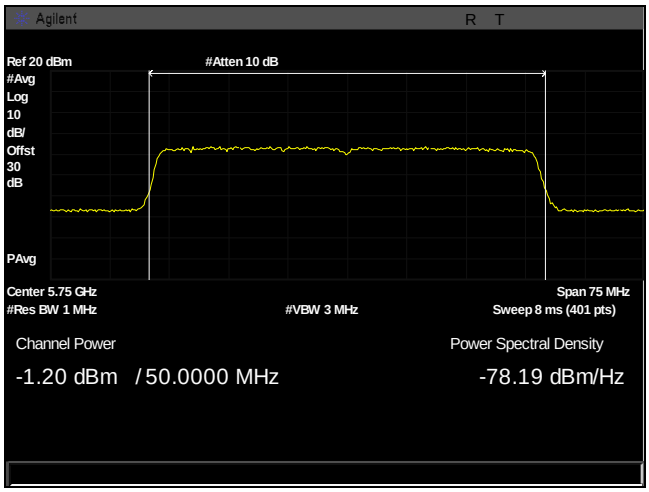
Plot 167. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5735M, 20M



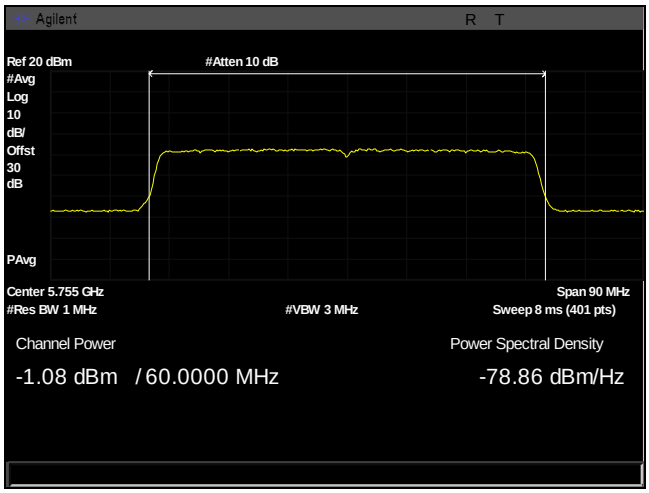
Plot 168. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5740M, 30M



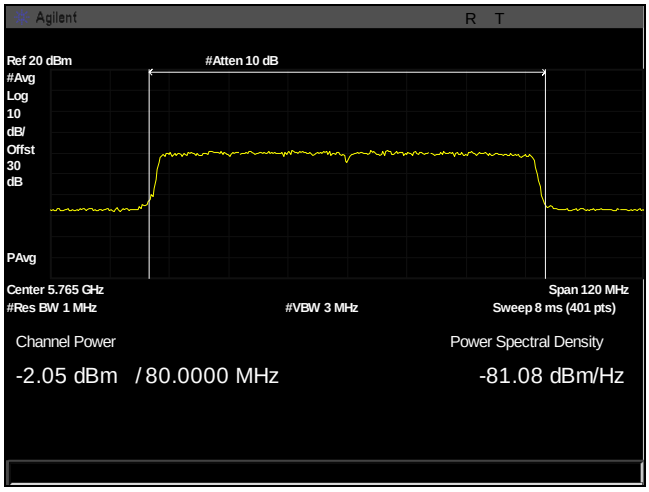
Plot 169. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5745M, 40M



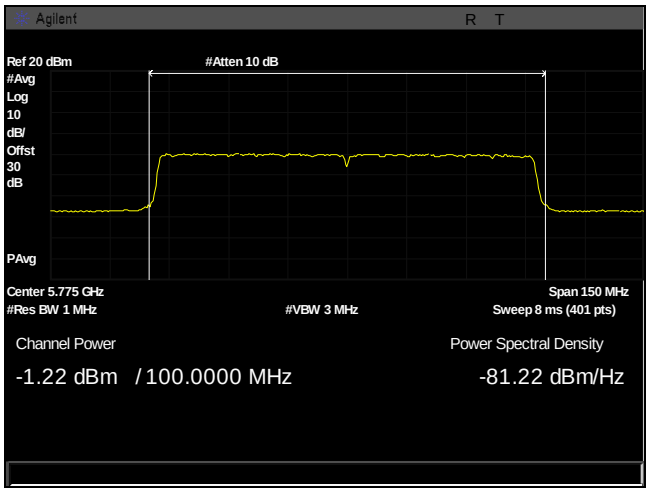
Plot 170. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5750M, 50M



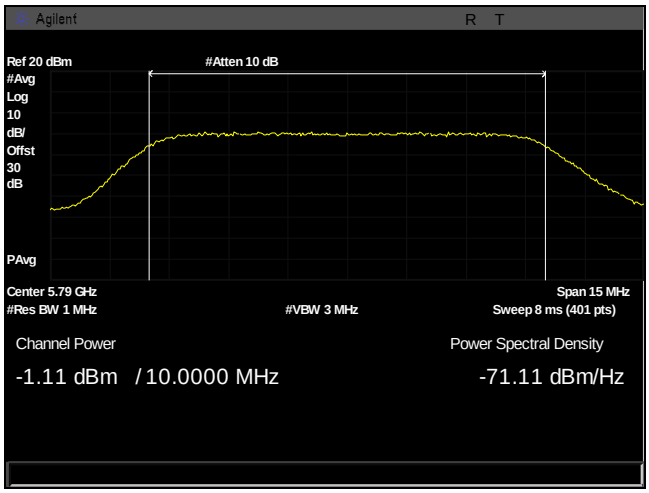
Plot 171. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5755M, 60M



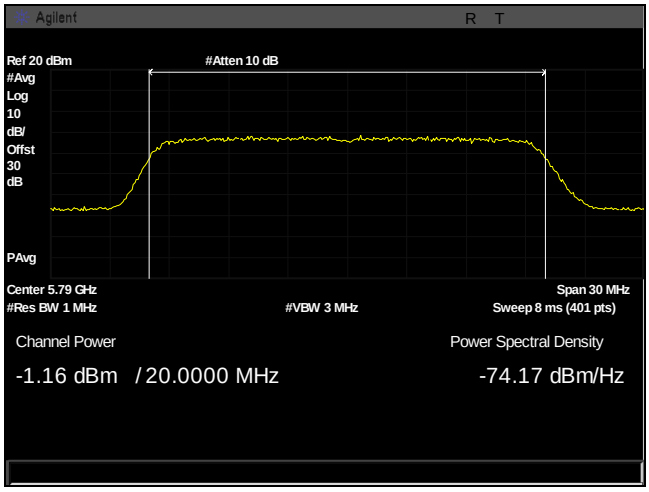
Plot 172. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5765M, 80M



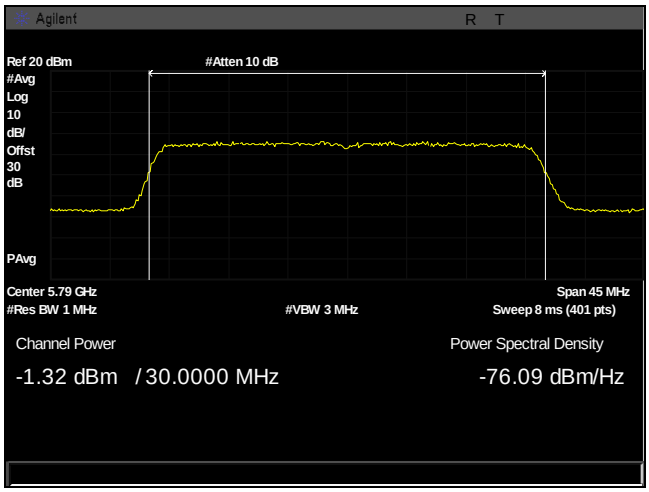
Plot 173. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5775M, 100M



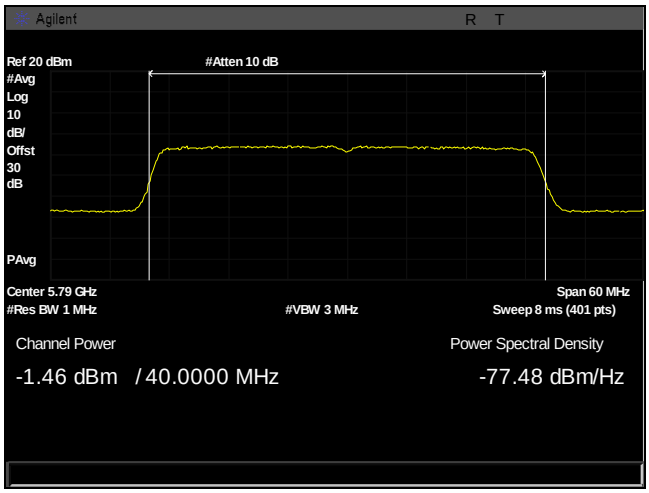
Plot 174. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5790M, 10M



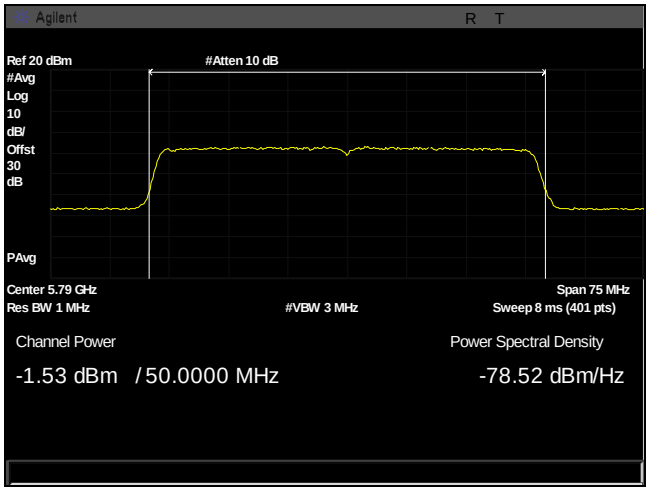
Plot 175. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5790M, 20M



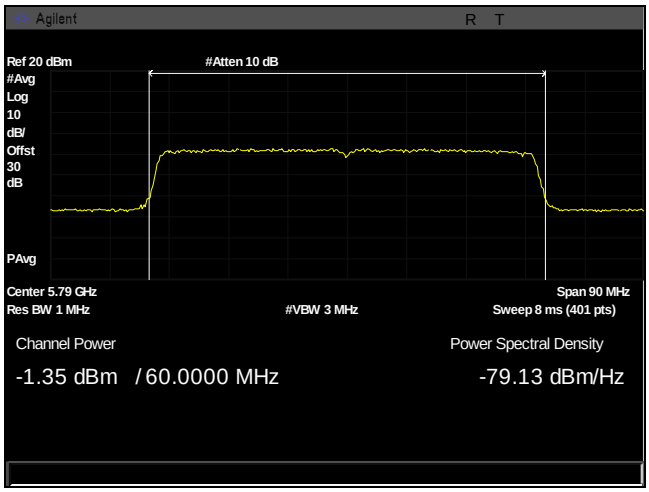
Plot 176. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5790M, 30M



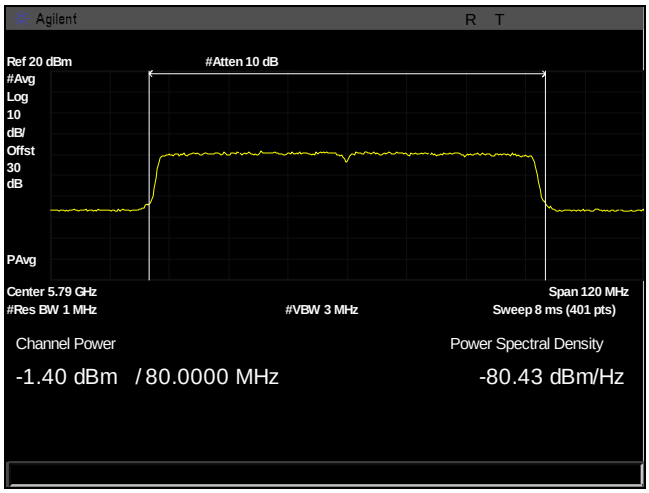
Plot 177. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5790M, 40M



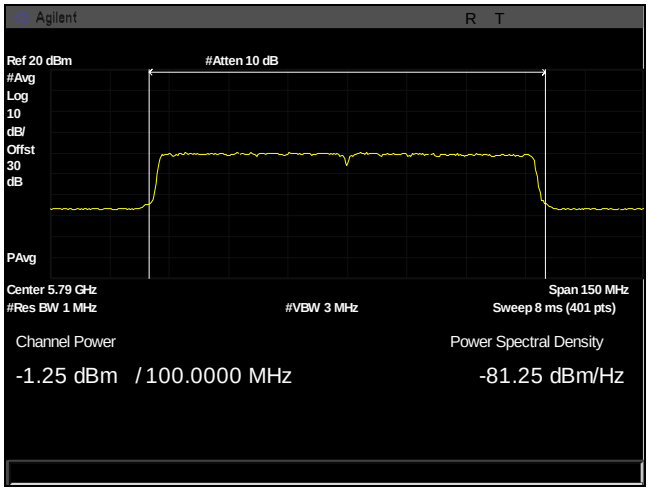
Plot 178. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5790M, 50M



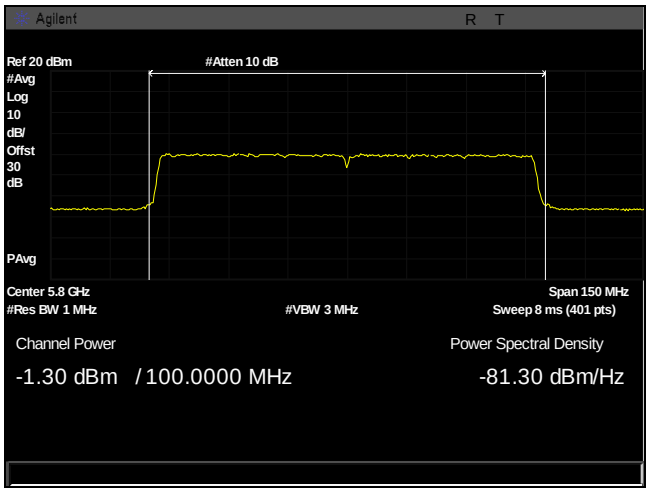
Plot 179. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5790M, 60M



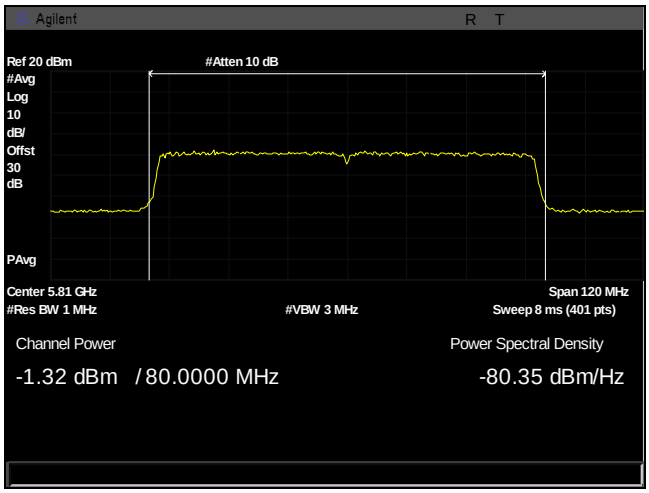
Plot 180. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5790M, 80M



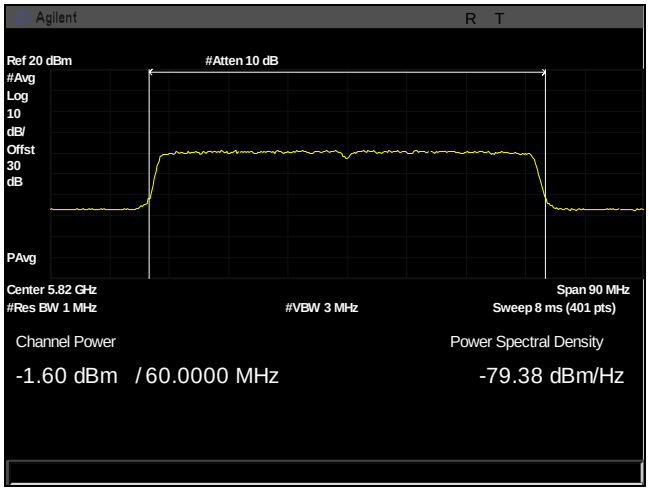
Plot 181. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5790M, 100M



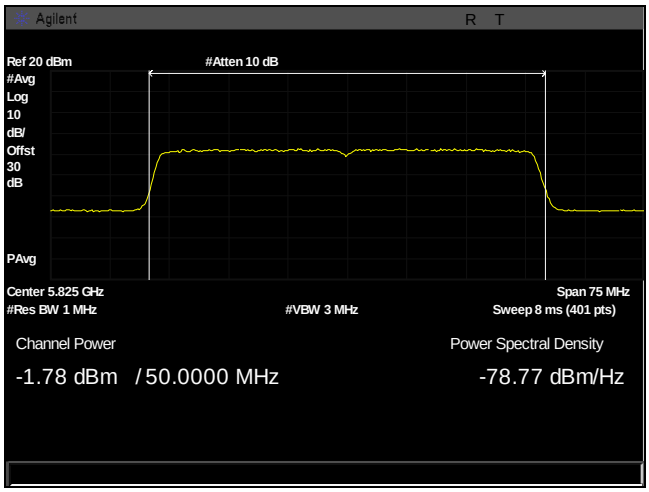
Plot 182. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5800M, 100M



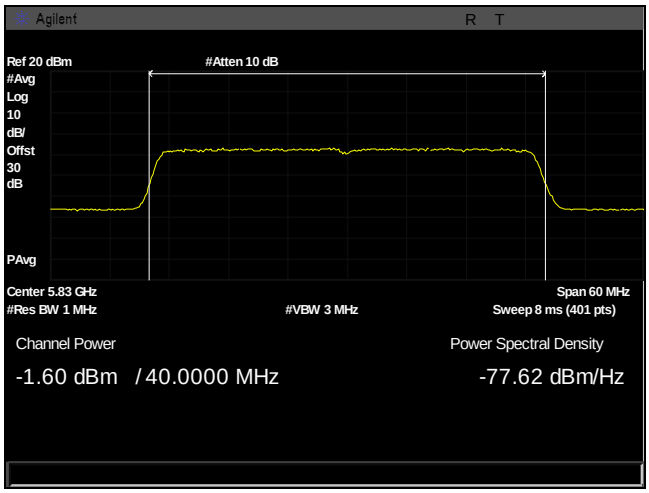
Plot 183. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5810M, 80M



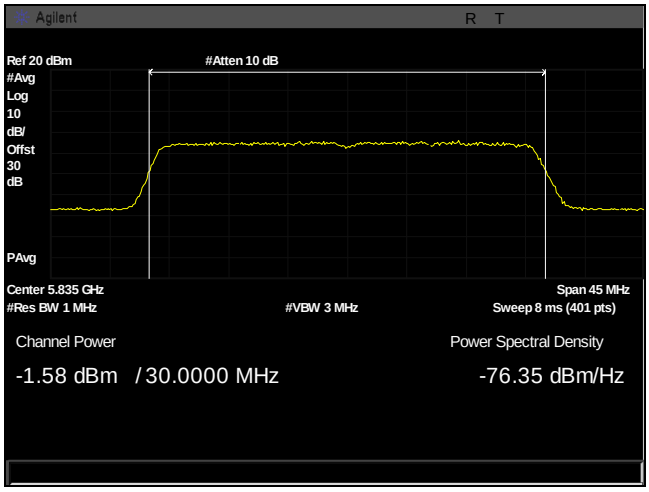
Plot 184. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5820M, 60M



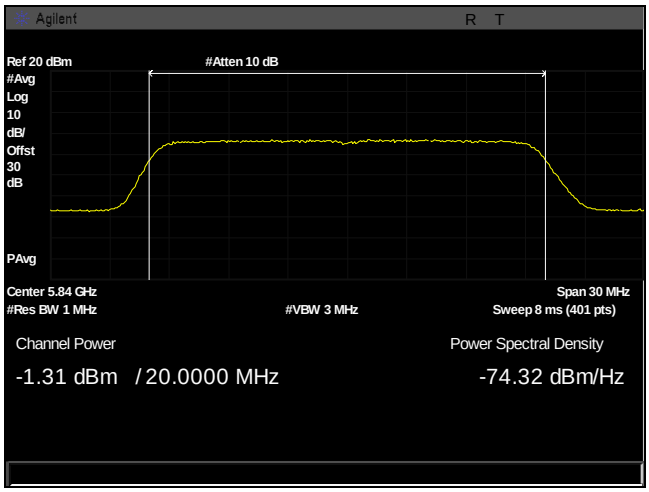
Plot 185. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5825M, 50M



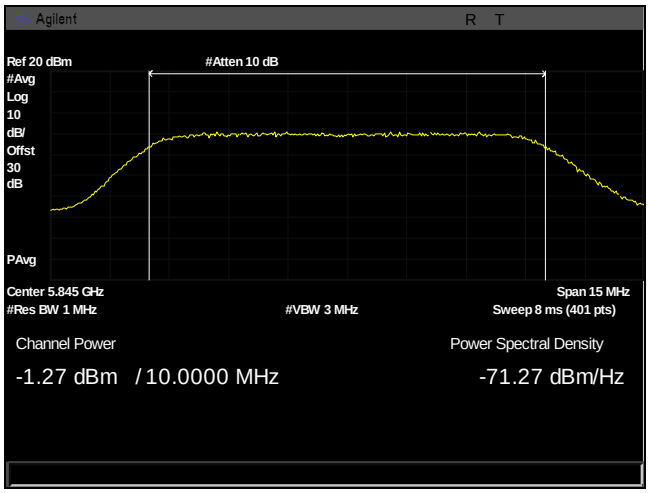
Plot 186. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5830M, 40M



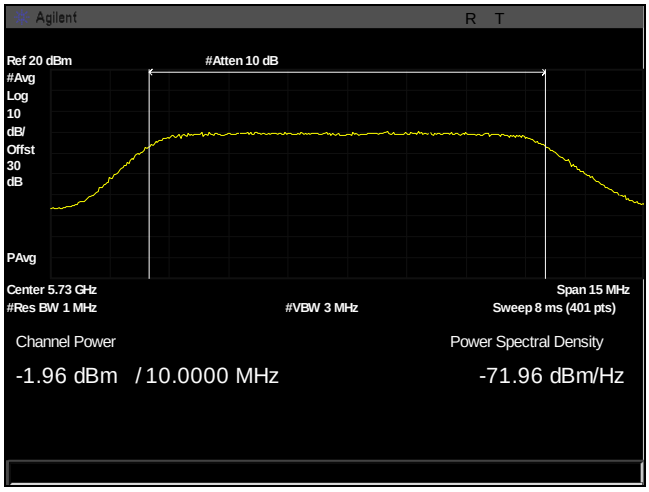
Plot 187. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5835M, 30M



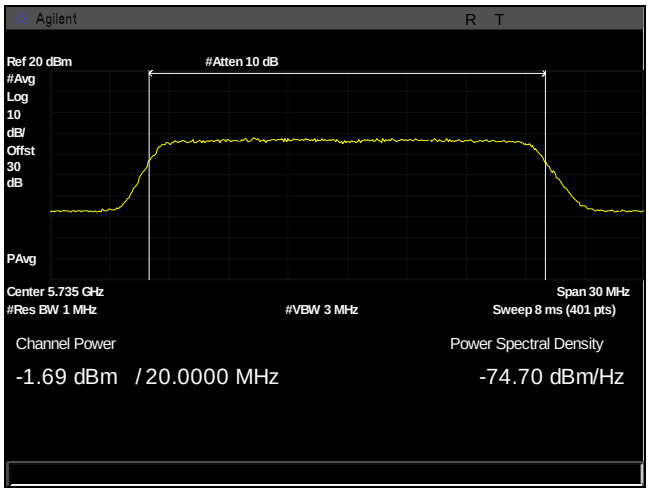
Plot 188. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5840M, 20M



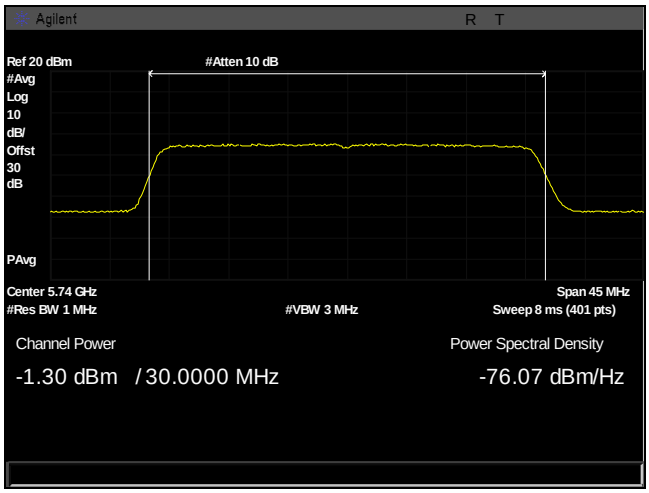
Plot 189. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain0, 5845M, 10M



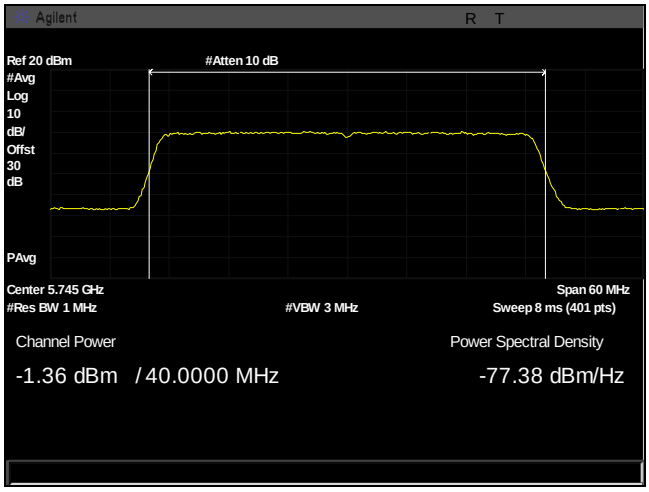
Plot 190. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5730M, 10M



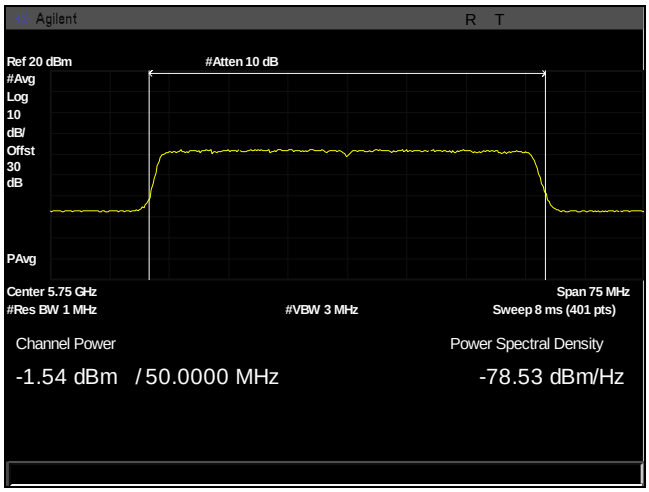
Plot 191. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5735M, 20M



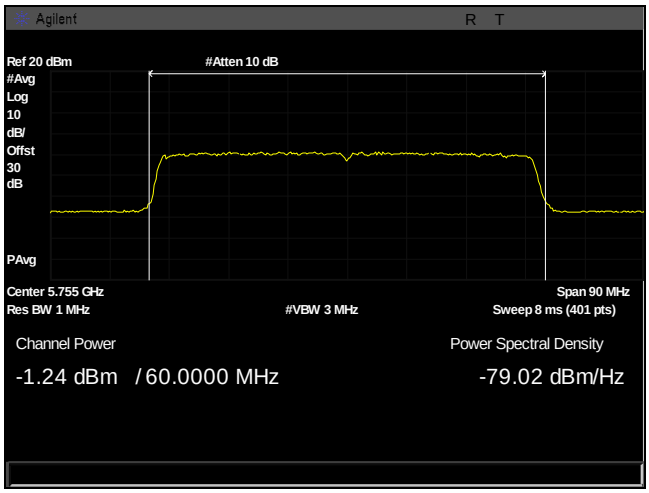
Plot 192. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5740M, 30M



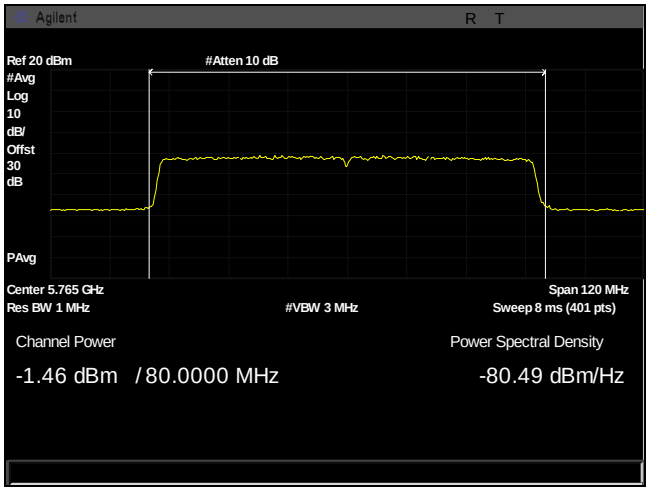
Plot 193. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5745M, 40M



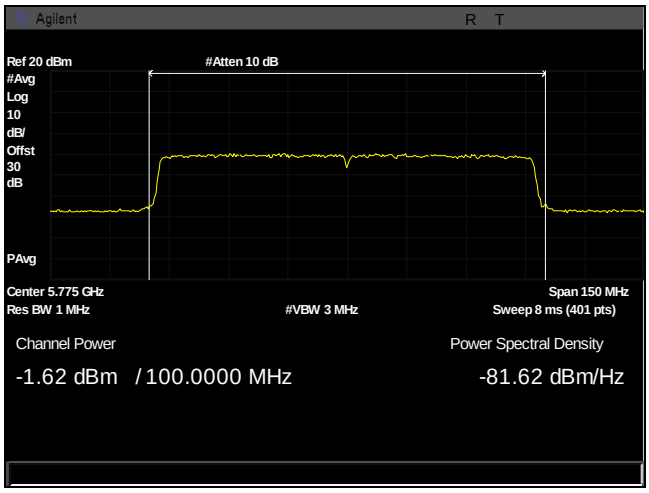
Plot 194. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5750M, 50M



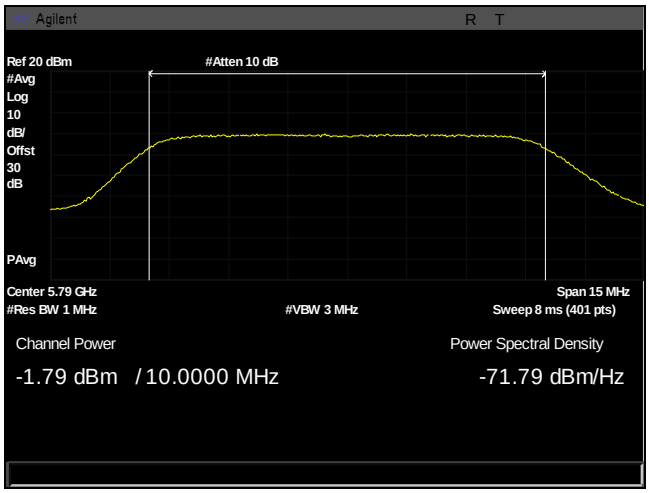
Plot 195. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5755M, 60M



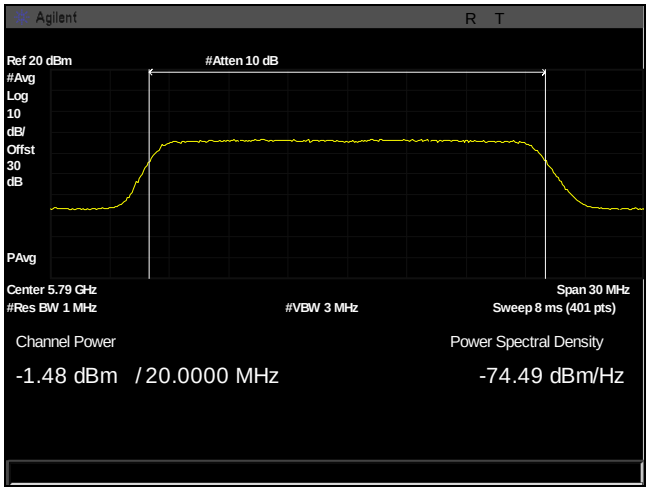
Plot 196. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5765M, 80M



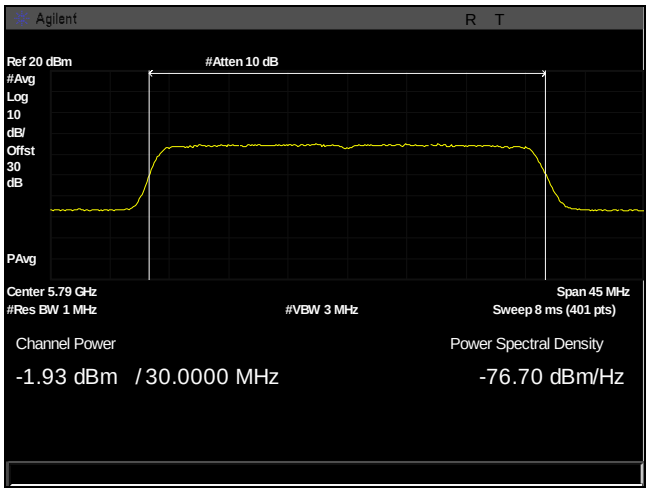
Plot 197. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5775M, 100M



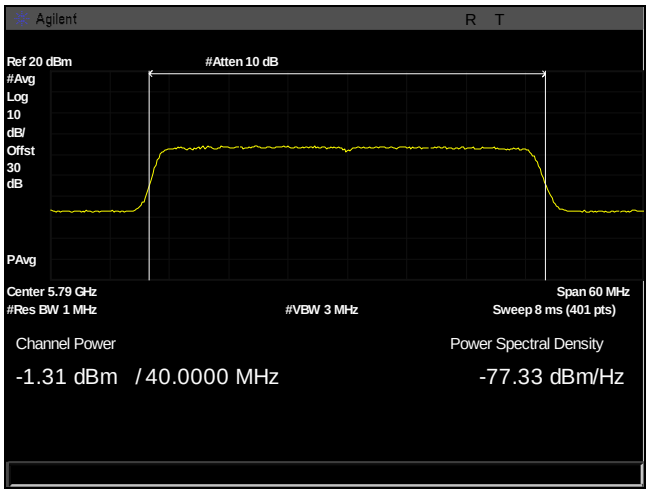
Plot 198. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5790M, 10M



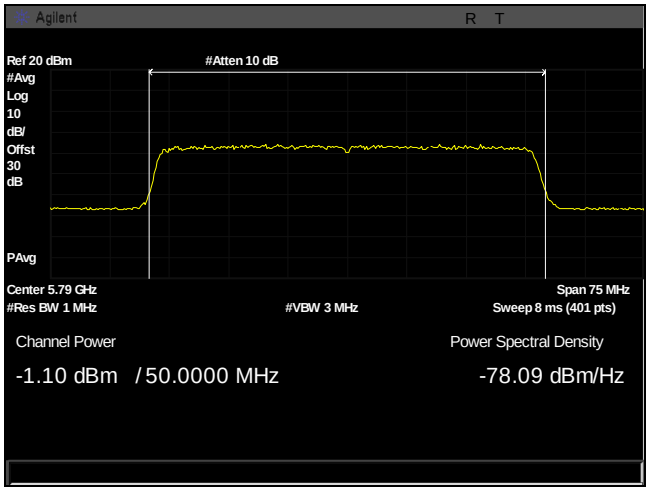
Plot 199. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5790M, 20M



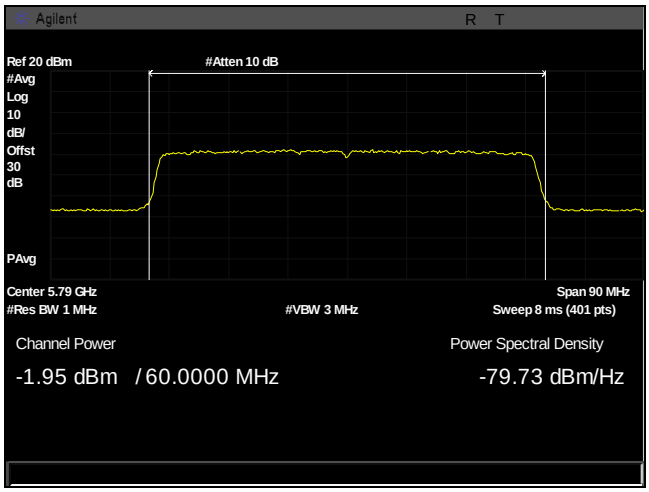
Plot 200. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5790M, 30M



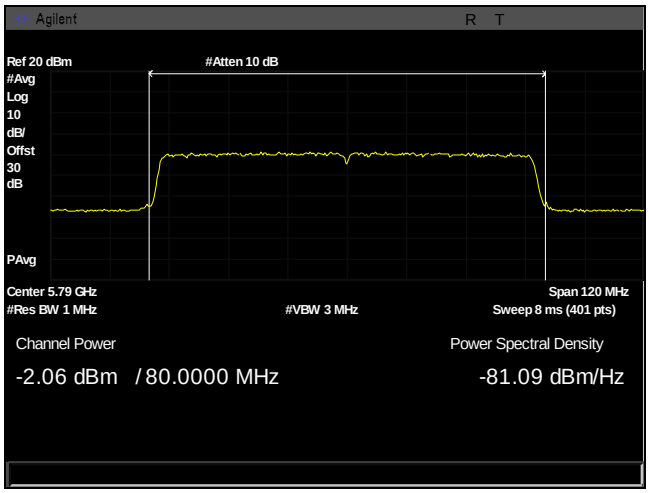
Plot 201. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5790M, 40M



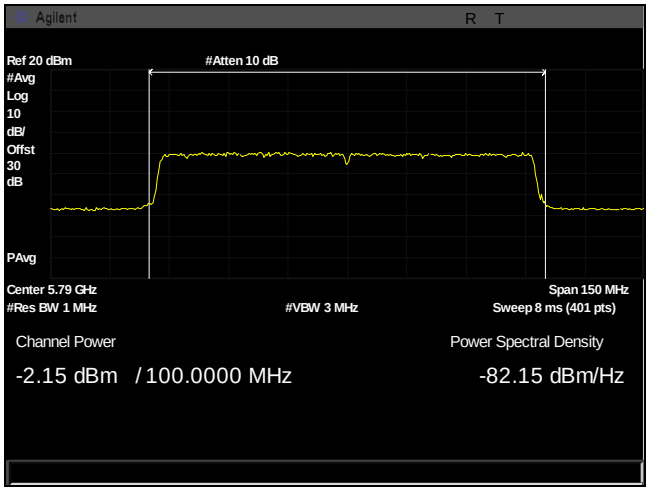
Plot 202. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5790M, 50M



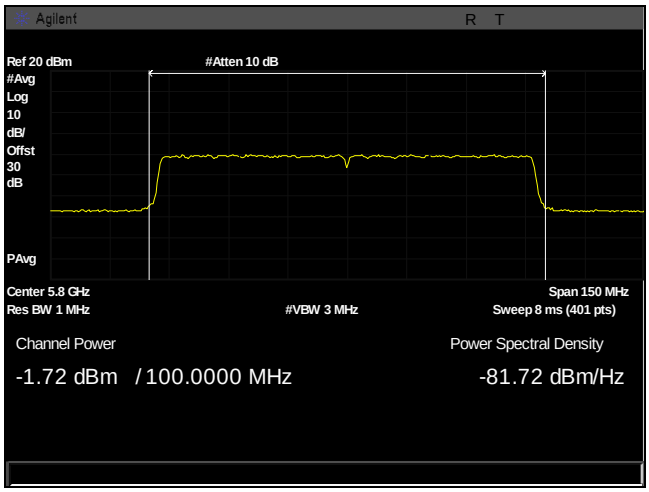
Plot 203. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5790M, 60M



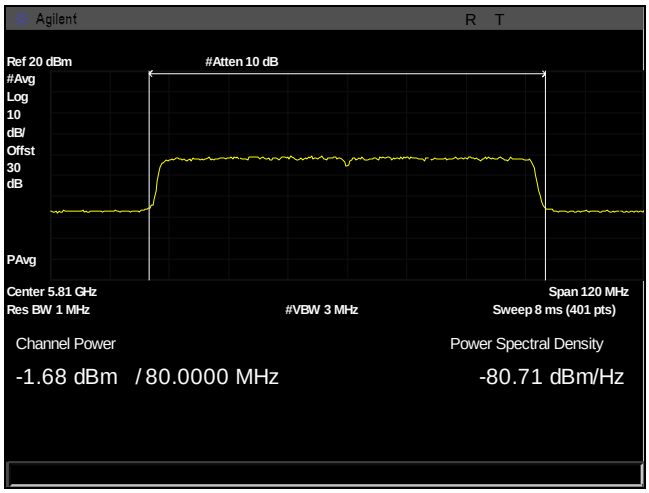
Plot 204. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5790M, 80M



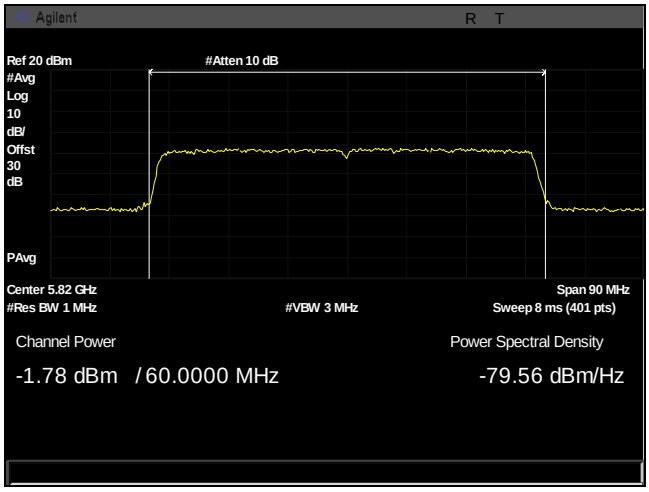
Plot 205. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5790M, 100M



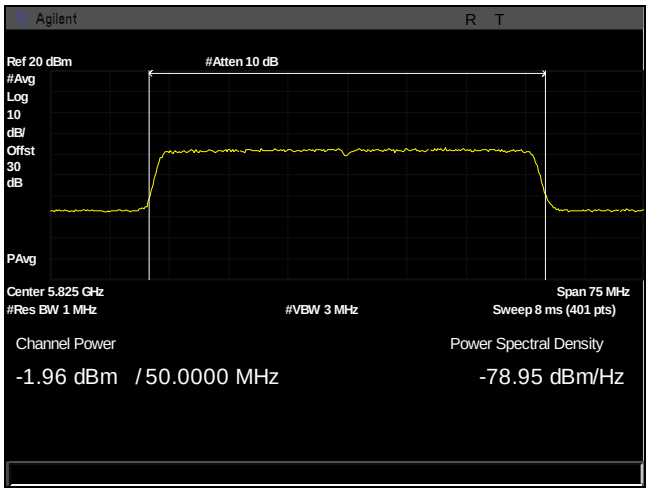
Plot 206. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5800M, 100M



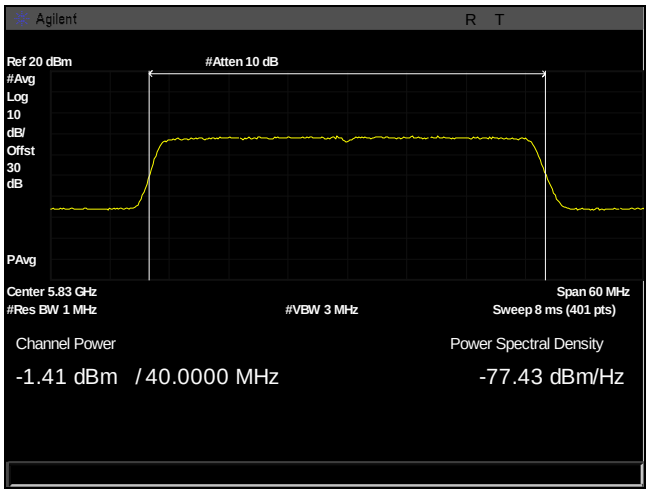
Plot 207. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5810M, 80M



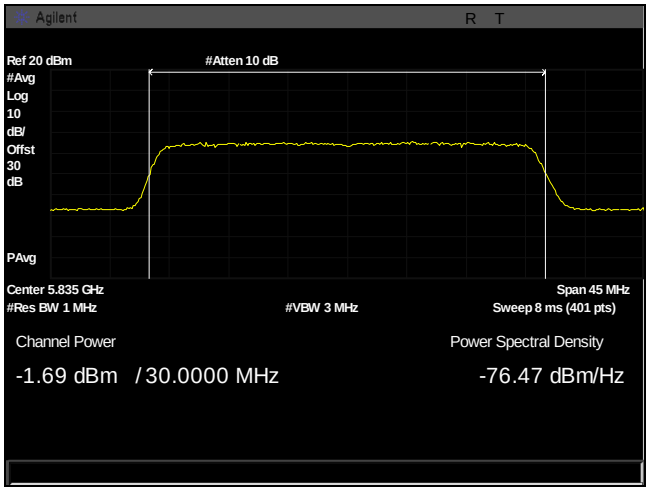
Plot 208. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5820M, 60M



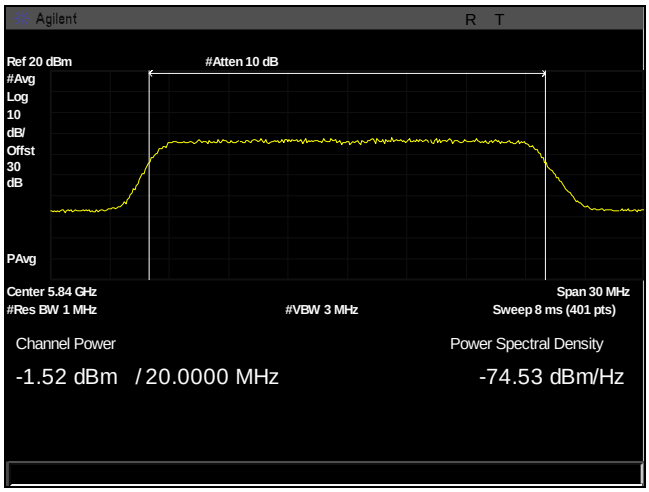
Plot 209. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5825M, 50M



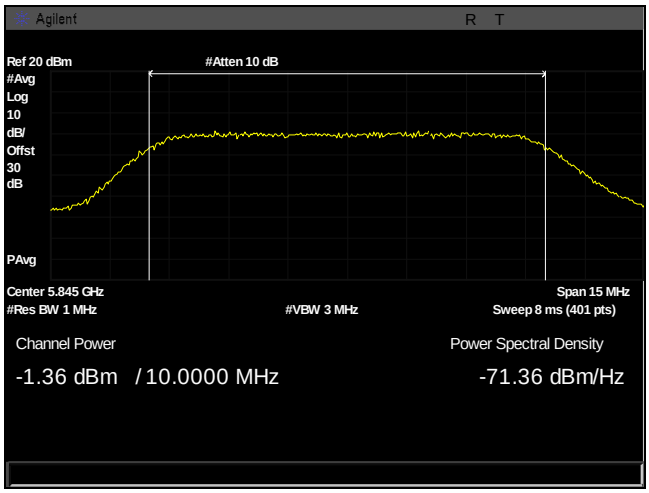
Plot 210. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5830M, 40M



Plot 211. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5835M, 30M



Plot 212. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5840M, 20M



Plot 213. Conducted Transmitter Output Power, Point-to-Multipoint, 34 dBi, chain1, 5845M, 10M

Electromagnetic Compatibility Criteria for Intentional Radiators

§15.407(a)(3) Maximum Power Spectral Density

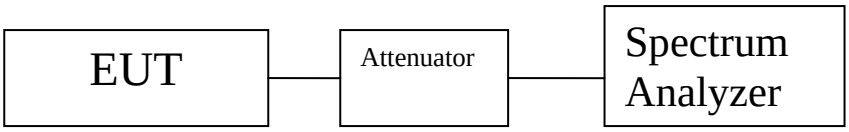
Test Requirements: **§15.407(a)(3):** In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.
If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

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 KDB 789033 D02 General UNII Test Procedures v01. A 1 MHz RBW was used during testing, as this provides a worst-case scenario.

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

Test Engineer(s): Bradley Jones

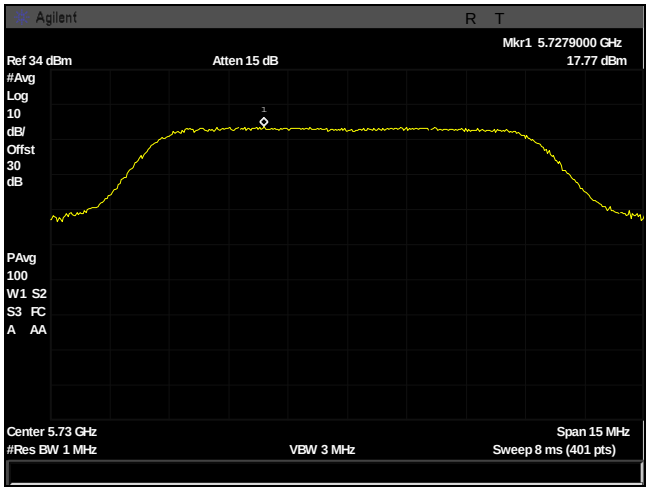
Test Date(s): August 30, 2017



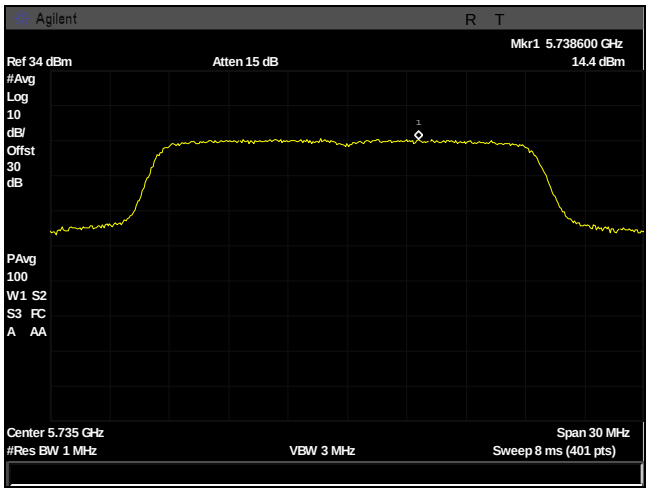
Power Spectral Density, Fixed Point-to-Point

Channel BW (MHz)	Frequency (MHz)	Chain 0 (dBm)	Chain 1 (dBm)	Sum (dBm)	Limit (dBm)	Margin (dB)
10	5730	17.77	17.47	20.633	30	-9.367
	5790	16.19	17.02	19.636	30	-10.364
	5845	15.59	16.45	19.052	30	-10.948
20	5735	14.4	14.11	17.268	30	-12.732
	5790	11.57	14	15.964	30	-14.036
	5840	12.76	13.83	16.339	30	-13.661
30	5740	11.11	12.7	14.988	30	-15.012
	5790	10.1	12.02	14.176	30	-15.824
	5835	10.45	12.28	14.471	30	-15.529
40	5745	9.105	11.19	13.282	30	-16.718
	5790	9.812	10.51	13.186	30	-16.814
	5830	8.721	10.21	12.54	30	-17.46
50	5750	9.218	10.57	12.957	30	-17.043
	5790	8.217	10.23	12.35	30	-17.65
	5825	8.598	9.552	12.112	30	-17.888
60	5755	8.965	9.526	12.265	30	-17.735
	5790	8.031	9.275	11.708	30	-18.292
	5820	8.004	8.784	11.422	30	-18.578
80	5765	7.923	8.179	11.064	30	-18.936
	5790	6.399	7.205	9.831	30	-20.169
	5810	6.909	7.774	10.374	30	-19.626
100	5775	6.993	6.844	9.93	30	-20.07
	5790	5.656	6.286	8.993	31	-22.007
	5800	5.569	6.353	8.989	32	-23.011

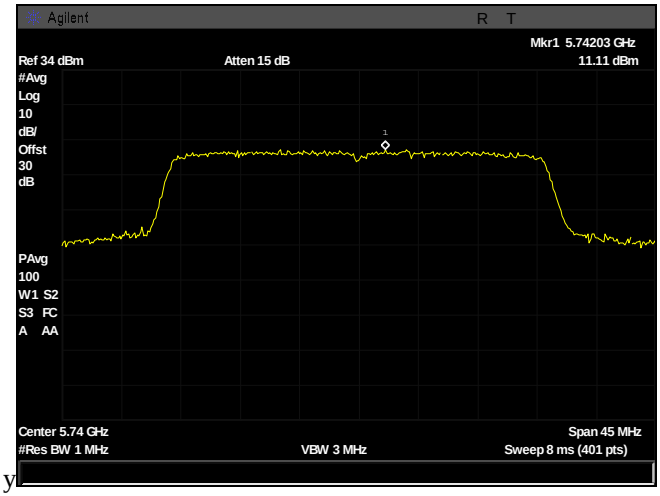
Table 11. Power Spectral Density, Fixed Point-to-Point, Test Results



Plot 214. Power Spectral Density, Fixed Point-to-Point, chain0, 5730M, 10M

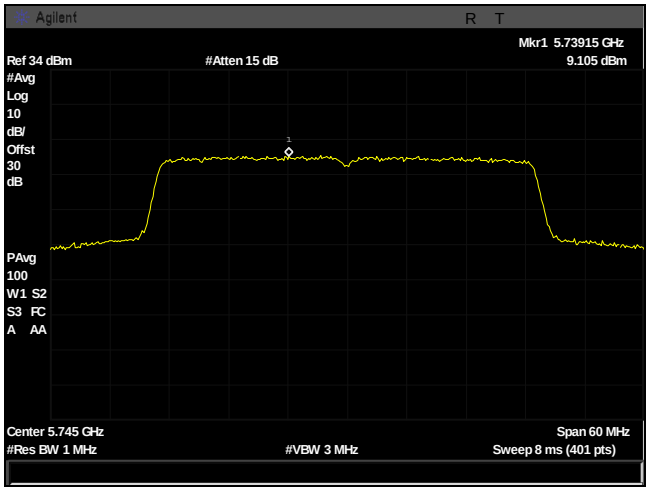


Plot 215. Power Spectral Density, Fixed Point-to-Point, chain0, 5735M, 20M

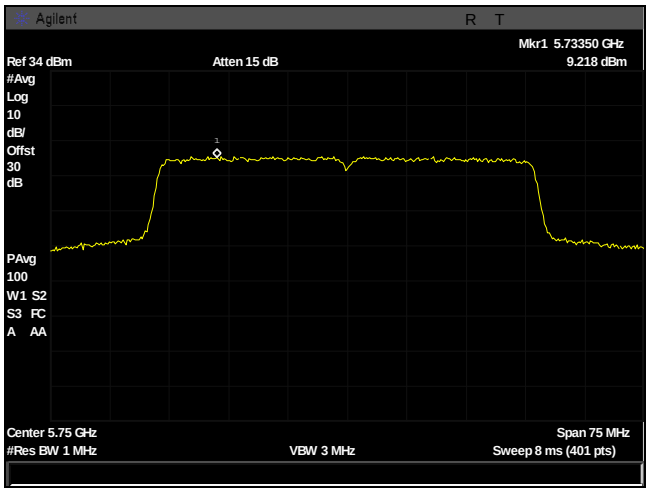


y

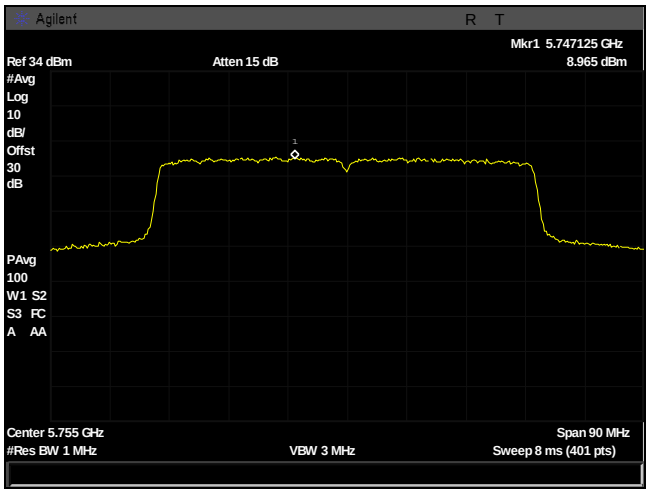
Plot 216. Power Spectral Density, Fixed Point-to-Point, chain0, 5740M, 30M



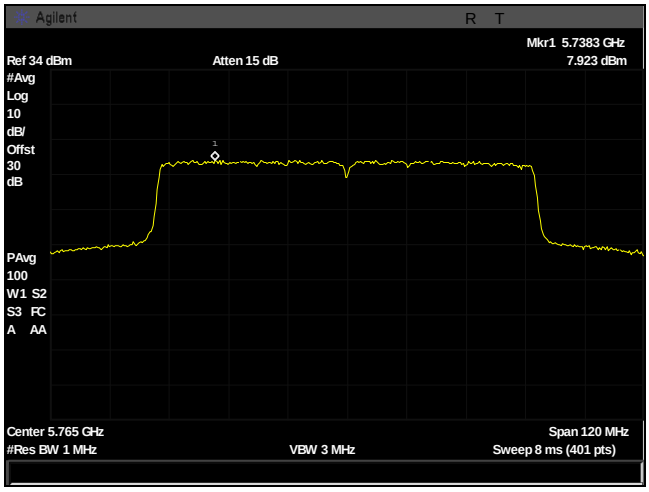
Plot 217. Power Spectral Density, Fixed Point-to-Point, chain0, 5745M, 40M



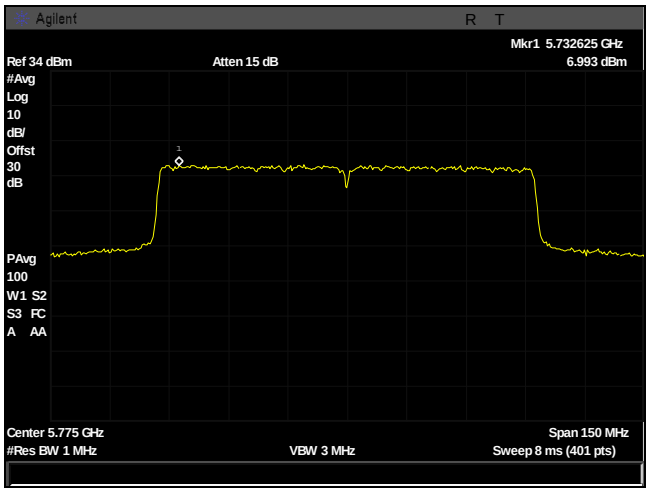
Plot 218. Power Spectral Density, Fixed Point-to-Point, chain0, 5750M, 50M



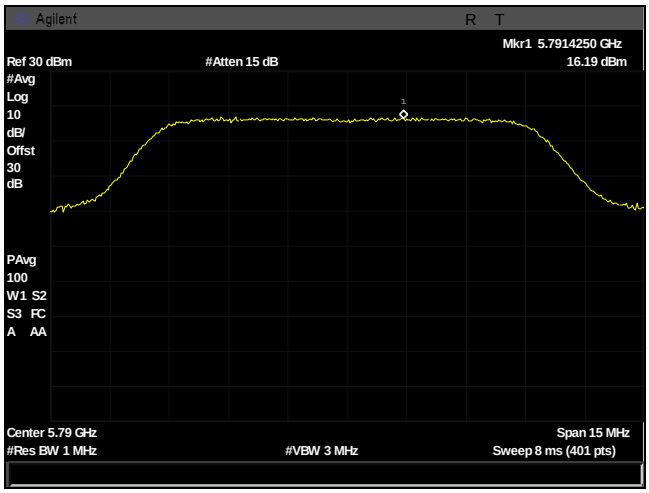
Plot 219. Power Spectral Density, Fixed Point-to-Point, chain0, 5755M, 60M



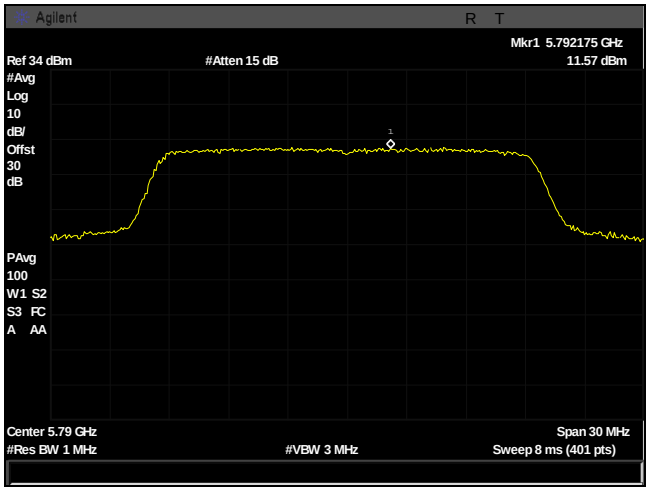
Plot 220. Power Spectral Density, Fixed Point-to-Point, chain0, 5765M, 80M



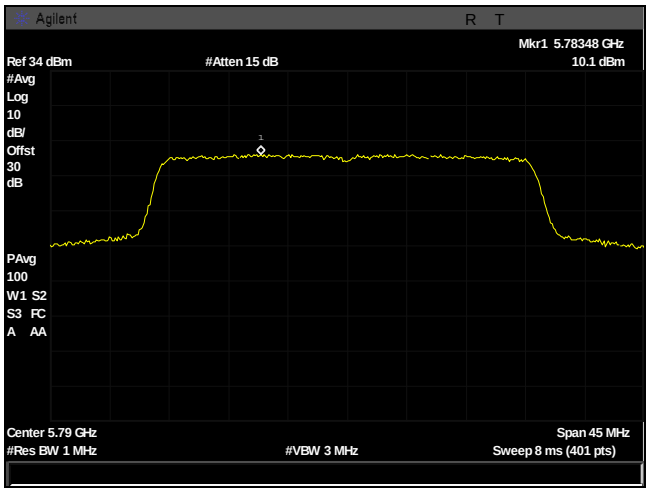
Plot 221. Power Spectral Density, Fixed Point-to-Point, chain0, 5775M, 100M



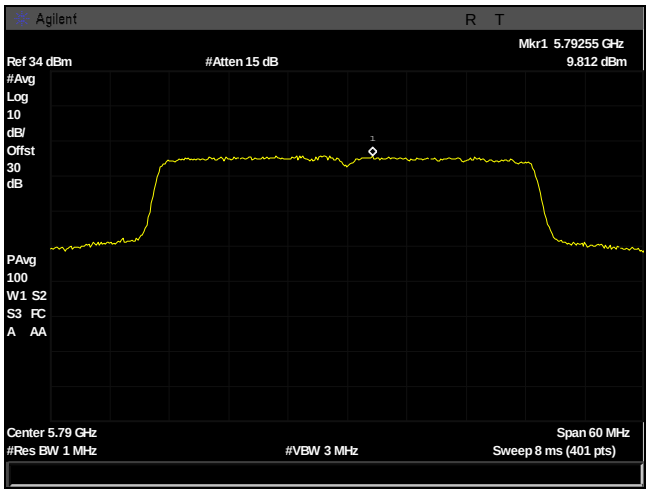
Plot 222. Power Spectral Density, Fixed Point-to-Point, chain0, 5790M, 10M



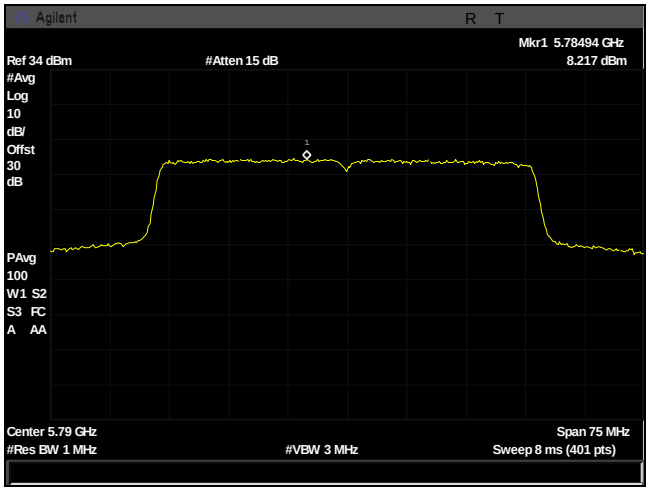
Plot 223. Power Spectral Density, Fixed Point-to-Point, chain0, 5790M, 20M



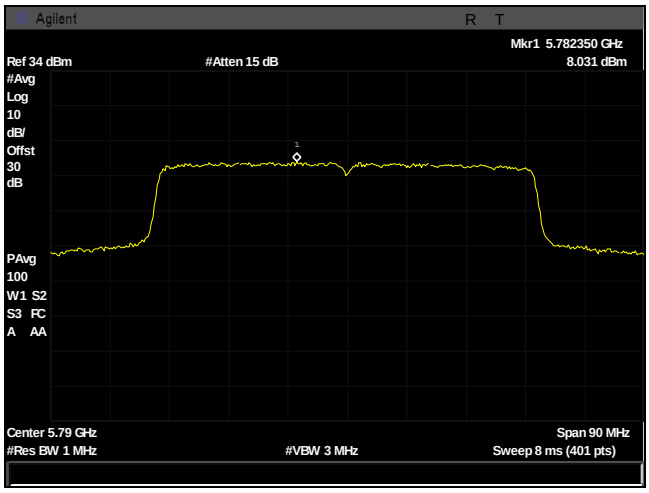
Plot 224. Power Spectral Density, Fixed Point-to-Point, chain0, 5790M, 30M



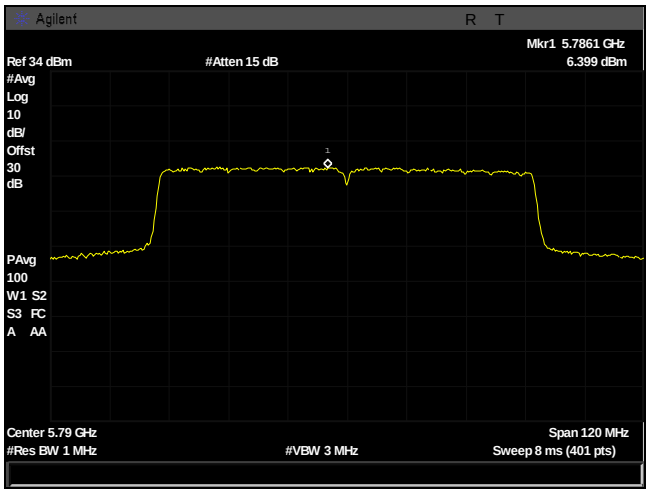
Plot 225. Power Spectral Density, Fixed Point-to-Point, chain0, 5790M, 40M



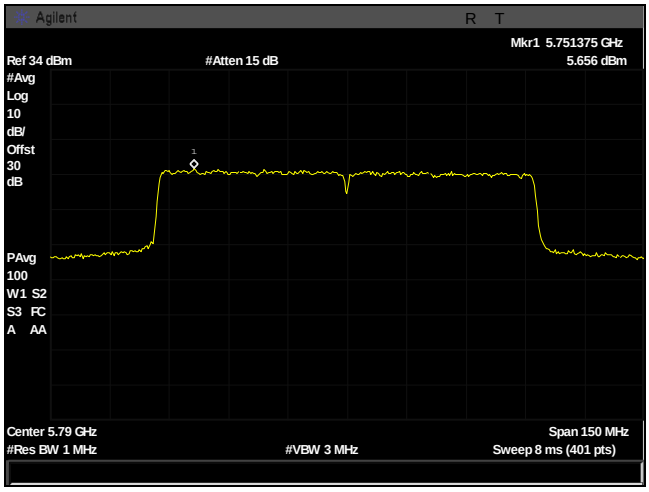
Plot 226. Power Spectral Density, Fixed Point-to-Point, chain0, 5790M, 50M



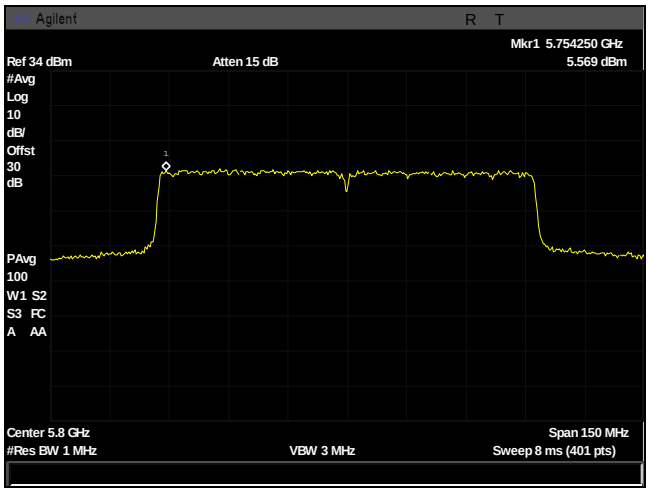
Plot 227. Power Spectral Density, Fixed Point-to-Point, chain0, 5790M, 60M



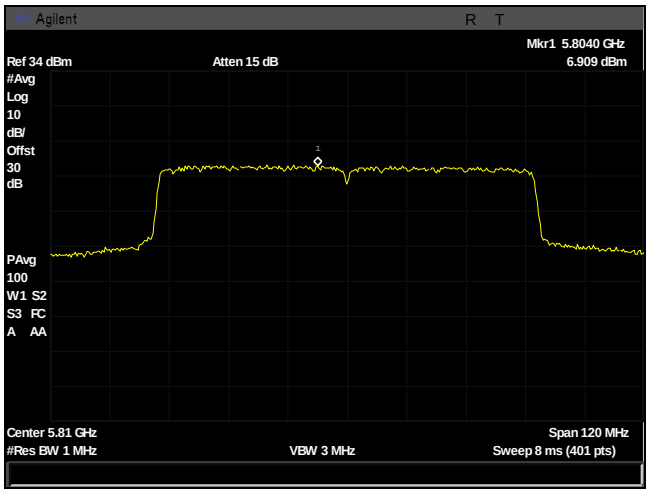
Plot 228. Power Spectral Density, Fixed Point-to-Point, chain0, 5790M, 80M



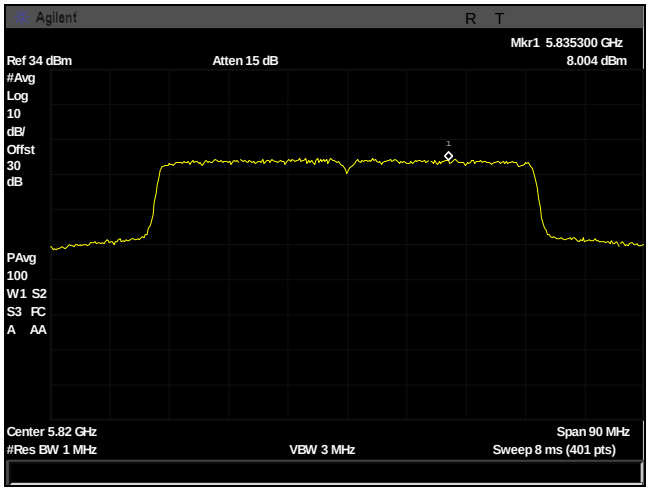
Plot 229. Power Spectral Density, Fixed Point-to-Point, chain0, 5790M, 100M



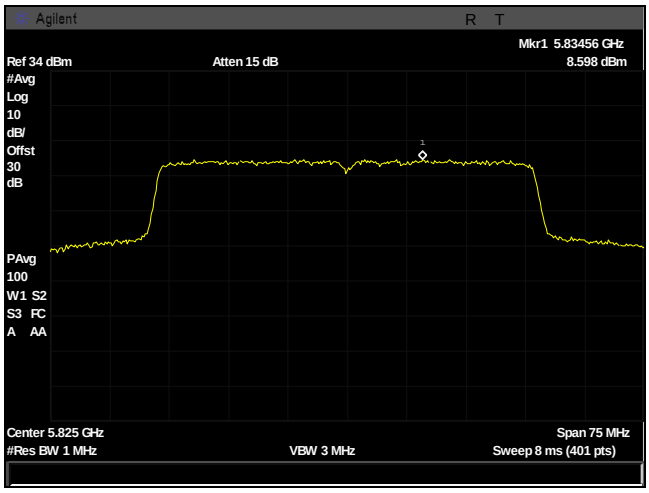
Plot 230. Power Spectral Density, Fixed Point-to-Point, chain0, 5800M, 100M



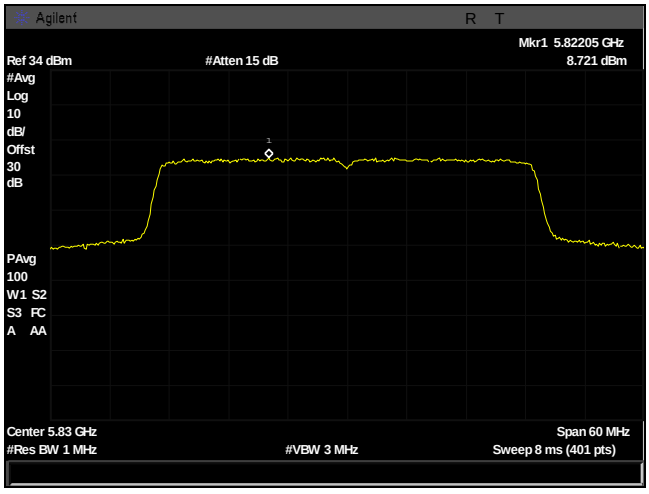
Plot 231. Power Spectral Density, Fixed Point-to-Point, chain0, 5810M, 80M



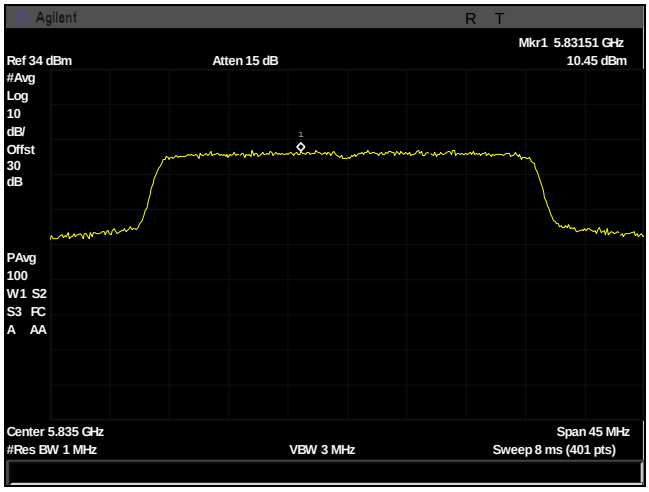
Plot 232. Power Spectral Density, Fixed Point-to-Point, chain0, 5820M, 60M



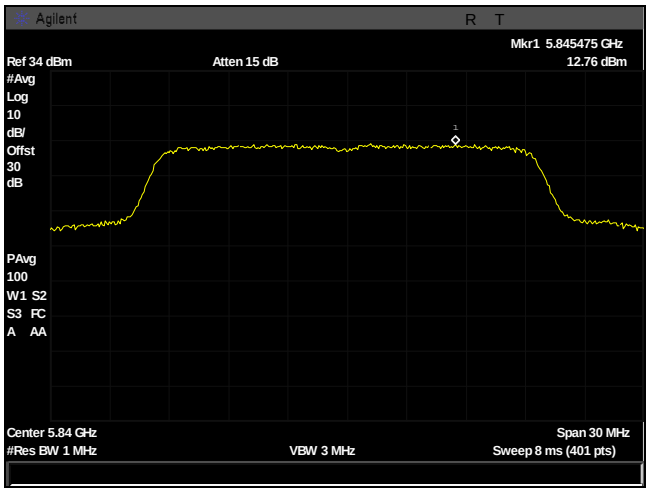
Plot 233. Power Spectral Density, Fixed Point-to-Point, chain0, 5825M, 50M



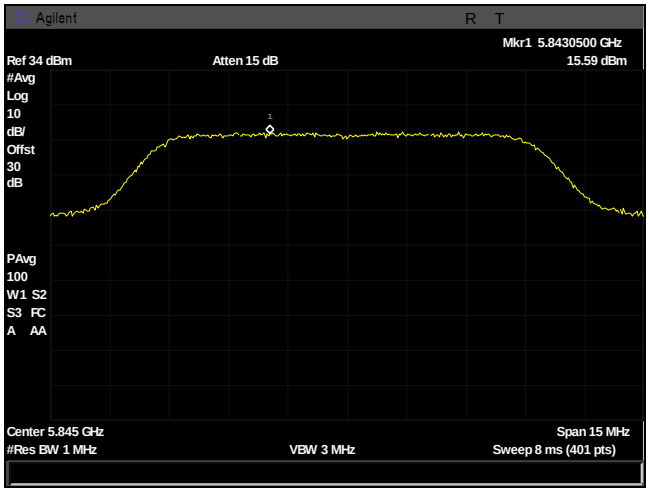
Plot 234. Power Spectral Density, Fixed Point-to-Point, chain0, 5830M, 40M



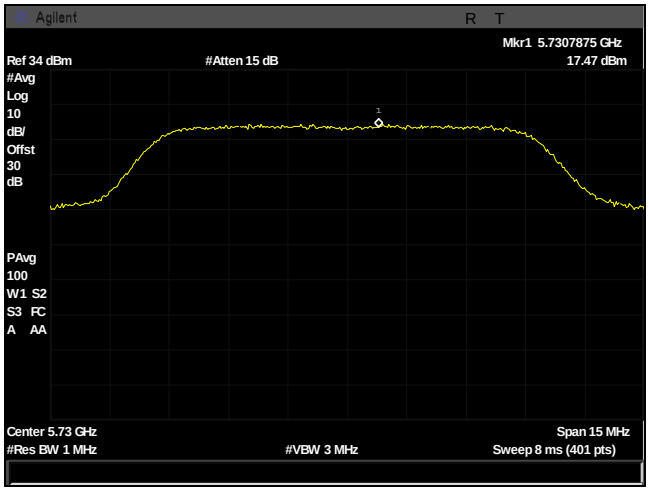
Plot 235. Power Spectral Density, Fixed Point-to-Point, chain0, 5835M, 30M



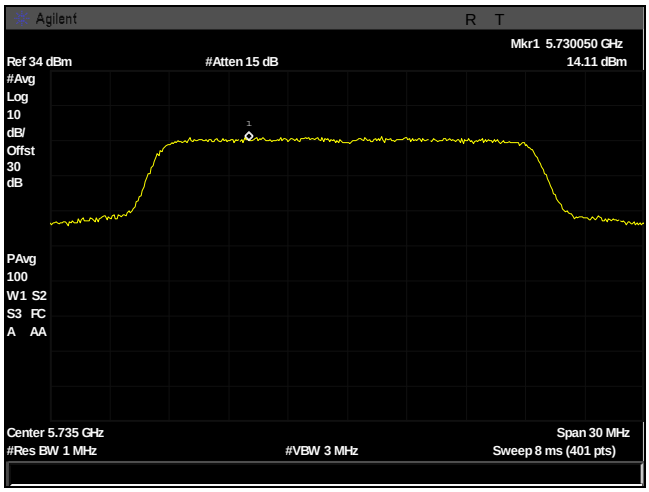
Plot 236. Power Spectral Density, Fixed Point-to-Point, chain0, 5840M, 20M



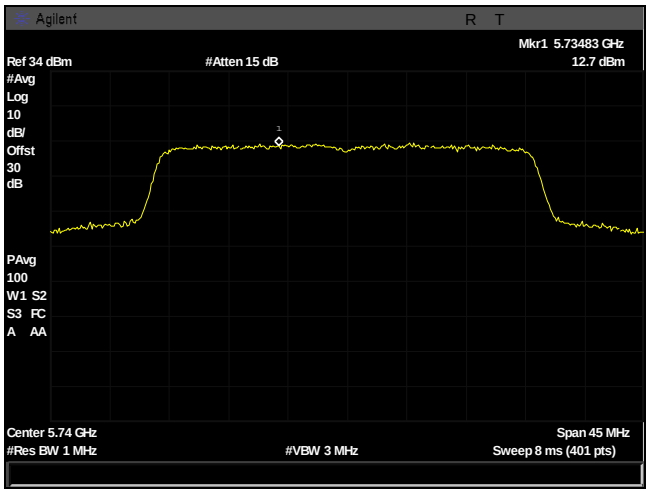
Plot 237. Power Spectral Density, Fixed Point-to-Point, chain0, 5845M, 10M



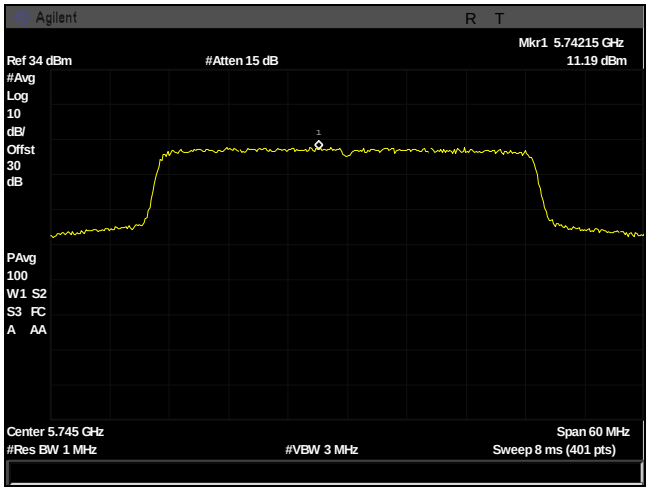
Plot 238. Power Spectral Density, Fixed Point-to-Point, chain1, 5730M, 10M



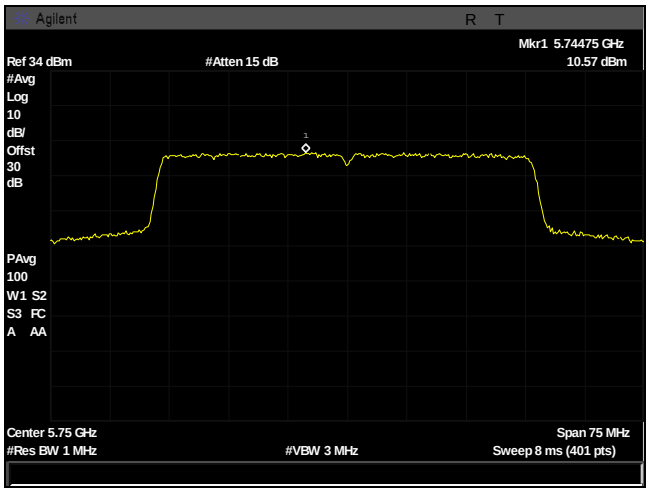
Plot 239. Power Spectral Density, Fixed Point-to-Point, chain1, 5735M, 20M



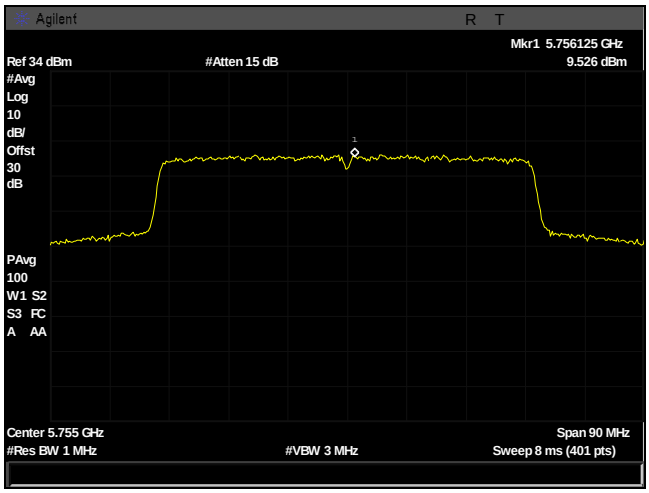
Plot 240. Power Spectral Density, Fixed Point-to-Point, chain1, 5740M, 30M



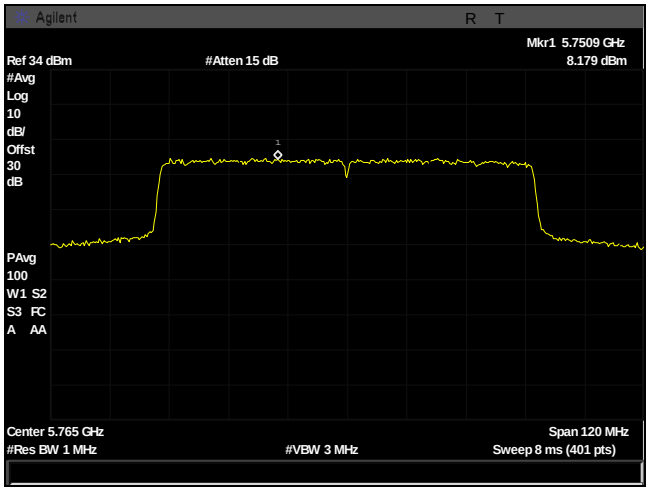
Plot 241. Power Spectral Density, Fixed Point-to-Point, chain1, 5745M, 40M



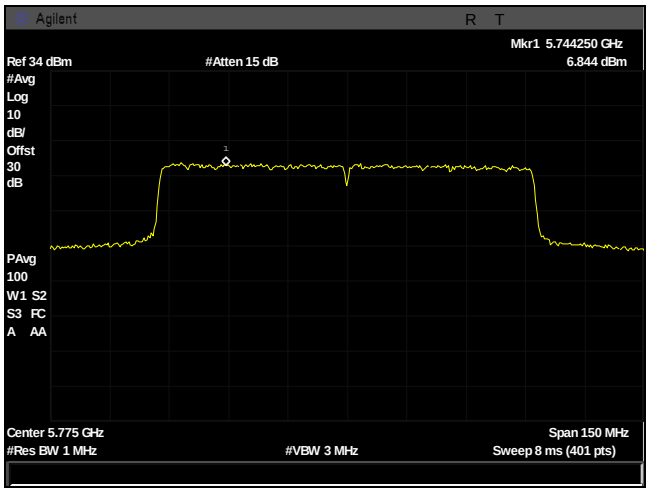
Plot 242. Power Spectral Density, Fixed Point-to-Point, chain1, 5750M, 50M



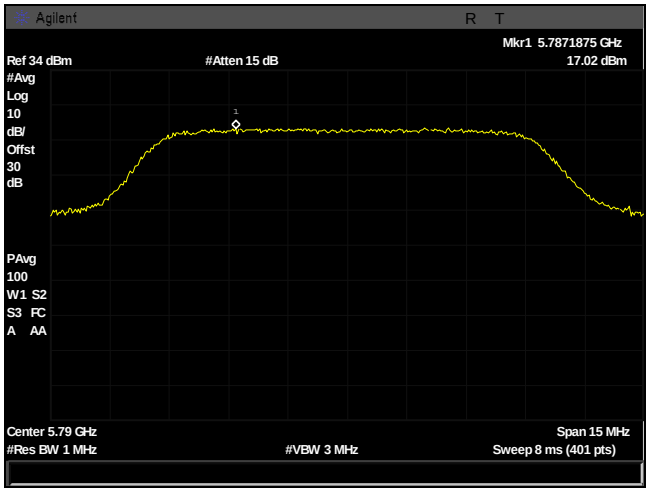
Plot 243. Power Spectral Density, Fixed Point-to-Point, chain1, 5755M, 60M



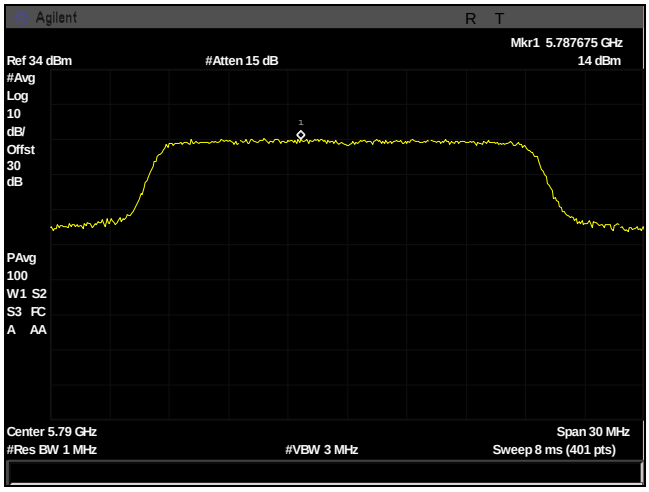
Plot 244.Power Spectral Density, Fixed Point-to-Point, chain1, 5765M, 80M



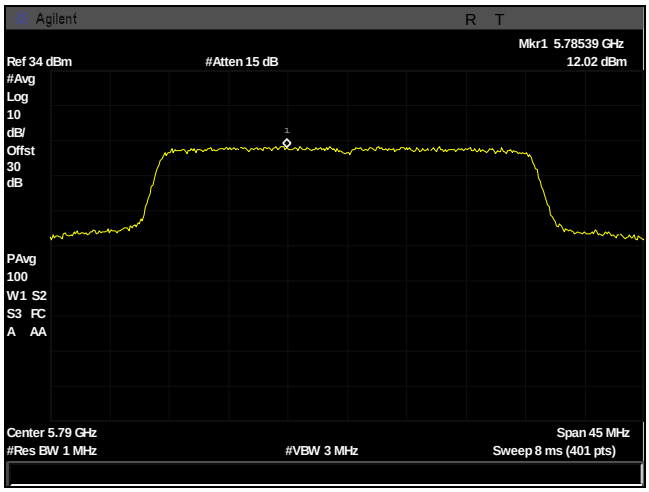
Plot 245.Power Spectral Density, Fixed Point-to-Point, chain1, 5775M, 100M



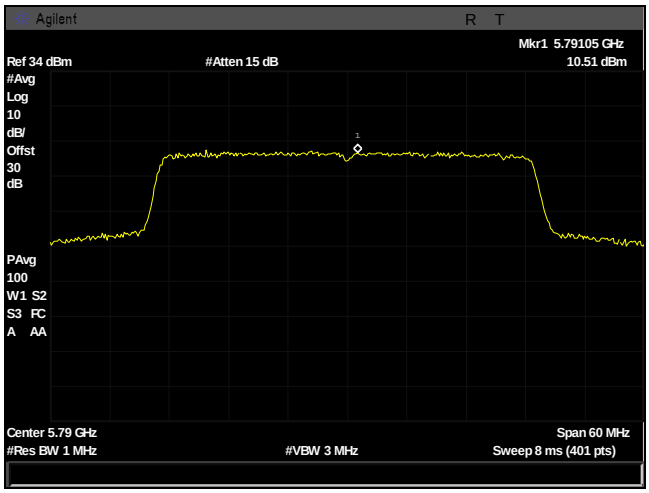
Plot 246.Power Spectral Density, Fixed Point-to-Point, chain1, 5790M, 10M



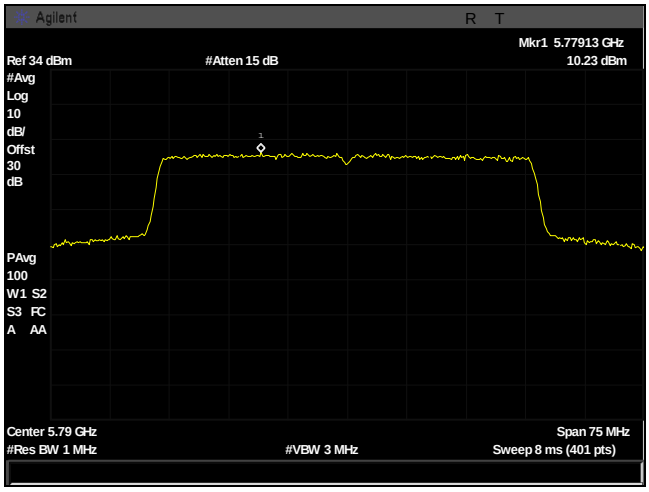
Plot 247.Power Spectral Density, Fixed Point-to-Point, chain1, 5790M, 20M



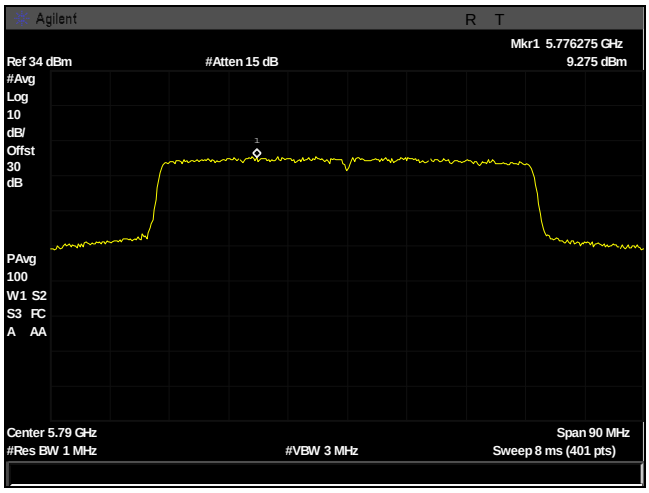
Plot 248.Power Spectral Density, Fixed Point-to-Point, chain1, 5790M, 30M



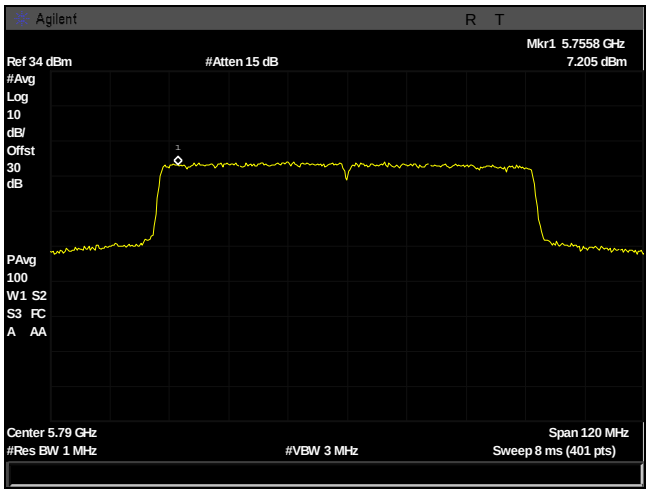
Plot 249. .Power Spectral Density, Fixed Point-to-Point, chain1, 5790M, 40M



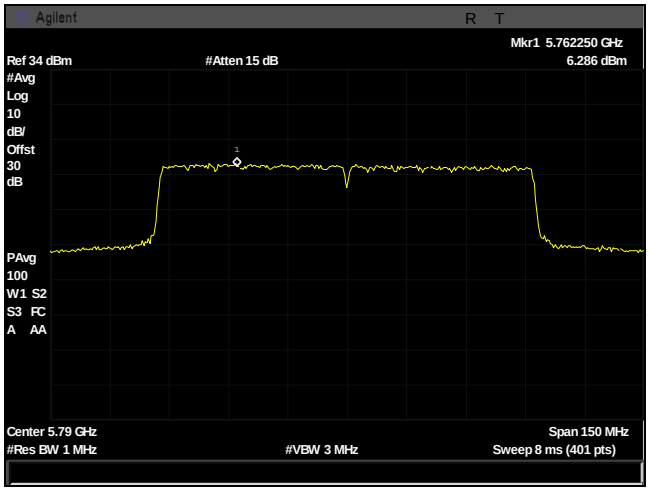
Plot 250. Power Spectral Density, Fixed Point-to-Point, chain1, 5790M, 50M



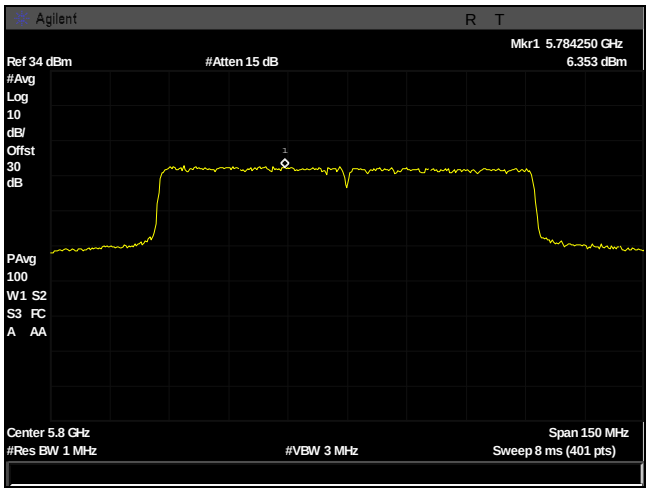
Plot 251. Power Spectral Density, Fixed Point-to-Point, chain1, 5790M, 60M



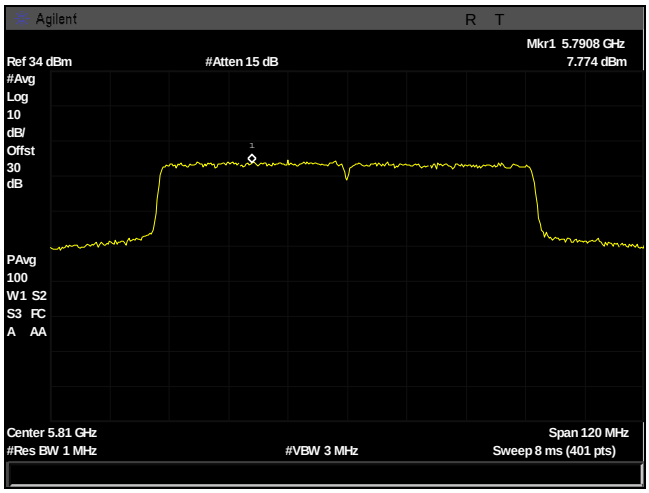
Plot 252. Power Spectral Density, Fixed Point-to-Point, chain1, 5790M, 80M



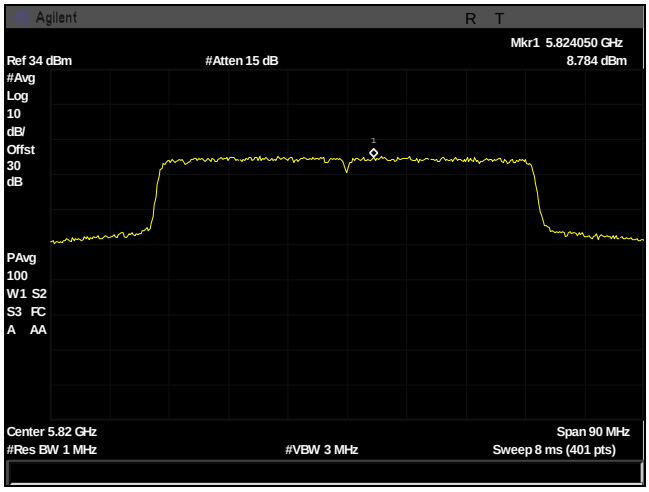
Plot 253. Power Spectral Density, Fixed Point-to-Point, chain1, 5790M, 100M



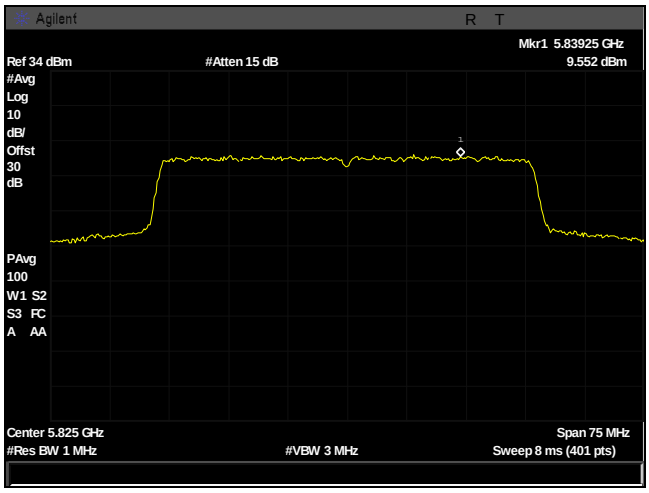
Plot 254. Power Spectral Density, Fixed Point-to-Point, chain1, 5800M, 100M



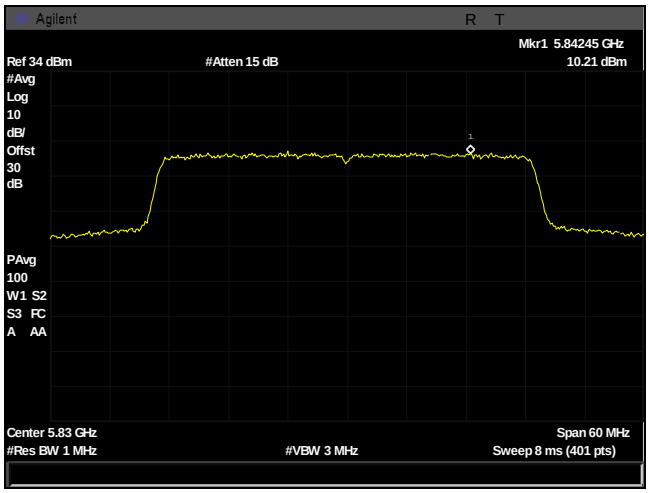
Plot 255. Power Spectral Density, Fixed Point-to-Point, chain1, 5810M, 80M



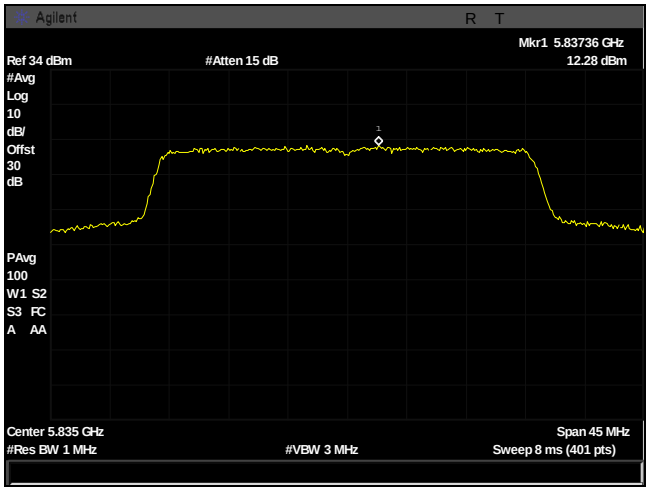
Plot 256. Power Spectral Density, Fixed Point-to-Point, chain1, 5820M, 60M



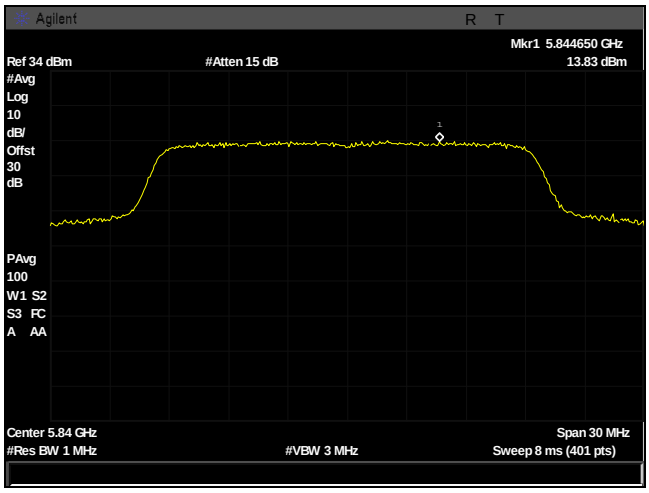
Plot 257. Power Spectral Density, Fixed Point-to-Point, chain1, 5825M, 50M



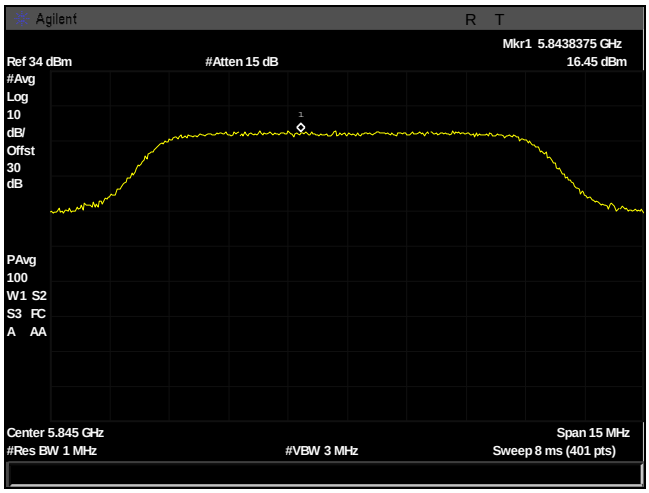
Plot 258. Power Spectral Density, Fixed Point-to-Point, chain1, 5830M, 40M



Plot 259. Power Spectral Density, Fixed Point-to-Point, chain1, 5835M, 30M



Plot 260. Power Spectral Density, Fixed Point-to-Point, chain1, 5840M, 20M

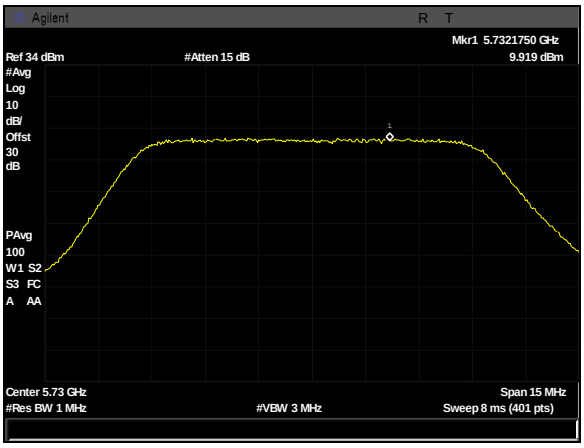


Plot 261. Power Spectral Density, Fixed Point-to-Point, chain1, 5845M, 10M

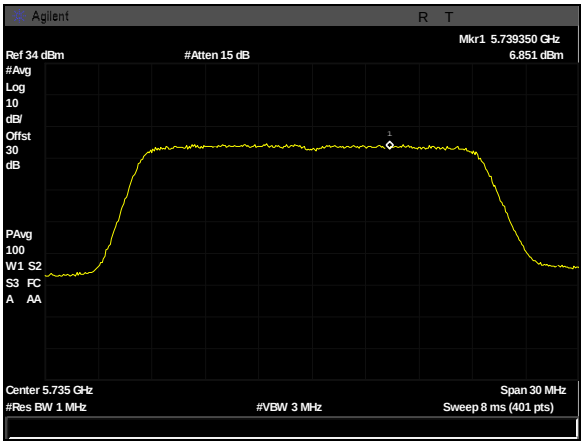
Power Spectral Density, Point-to-Multipoint, 13 dBi

Channel BW (MHz)	Frequency (MHz)	Chain 0 (dBm)	Chain 1 (dBm)	Sum (dBm)	Limit (dBm)	Directional Gain (dBi)	Final Limit (dBm)	Margin (dB)
10	5730	9.919	10.88	13.437	30	13	23	-9.563
	5790	11.14	11.1	14.131	30	13	23	-8.869
	5845	10.34	10.05	13.208	30	13	23	-9.792
20	5735	6.851	8.385	10.696	30	13	23	-12.304
	5790	9.144	7.985	11.614	30	13	23	-11.386
	5840	8.633	8.193	11.429	30	13	23	-11.571
30	5740	6	7.13	9.612	30	13	23	-13.388
	5790	6.999	6.825	9.924	30	13	23	-13.076
	5835	5.613	6.021	8.833	30	13	23	-14.167
40	5745	4.866	6.269	8.635	30	13	23	-14.365
	5790	5.924	7.168	9.601	30	13	23	-13.399
	5830	6.315	6.197	9.267	30	13	23	-13.733
50	5750	3.076	3.96	6.551	30	13	23	-16.449
	5790	5.076	5.114	8.106	30	13	23	-14.894
	5825	4.049	4.116	7.093	30	13	23	-15.907
60	5755	3.79	3.936	6.874	30	13	23	-16.126
	5790	4.078	4.296	7.199	30	13	23	-15.801
	5820	3.85	3.371	6.628	30	13	23	-16.372
80	5765	2.45	2.999	5.744	30	13	23	-17.256
	5790	2.714	3.004	5.872	30	13	23	-17.128
	5810	2.37	2.162	5.278	30	13	23	-17.722
100	5775	1.637	1.418	4.54	30	13	23	-18.46
	5790	1.783	1.808	4.806	30	13	23	-18.194
	5800	1.746	2.062	4.918	30	13	23	-18.082

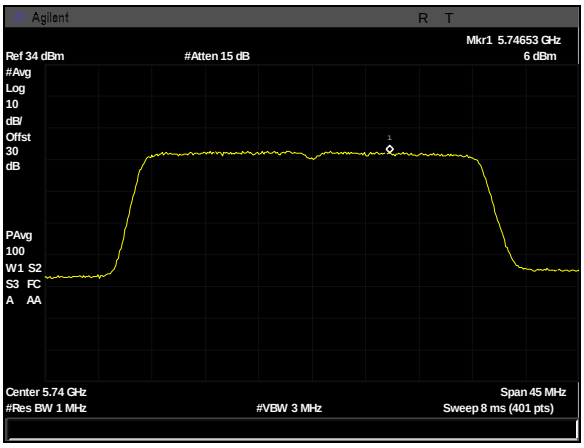
Table 12. Power Spectral Density, Point-to-Multipoint, 13 dBi, 2x2, Test Results



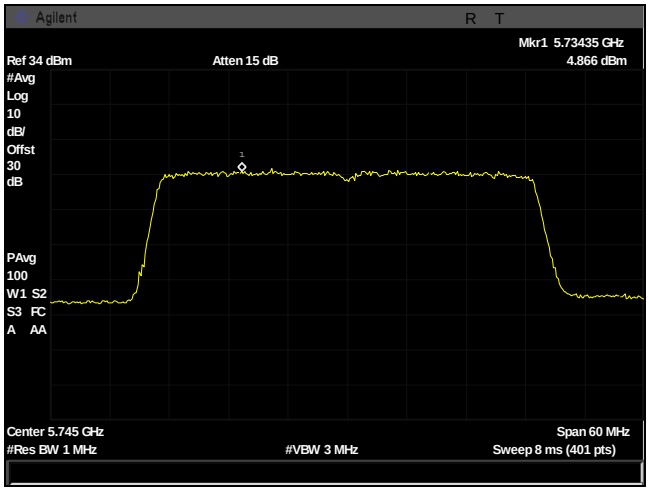
Plot 262. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5370M, 10M



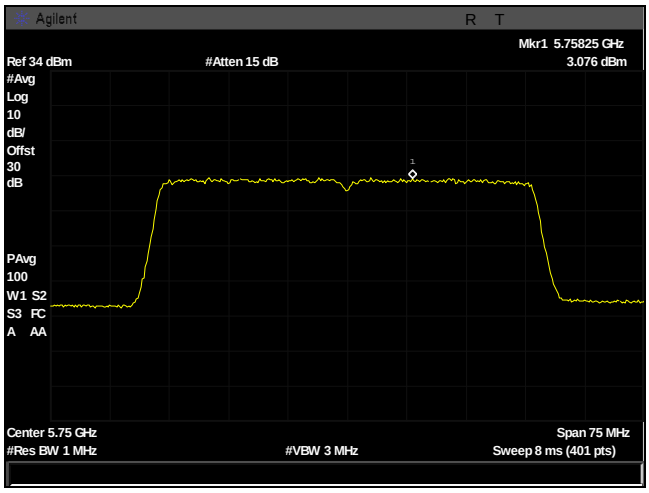
Plot 263. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5735M, 20M



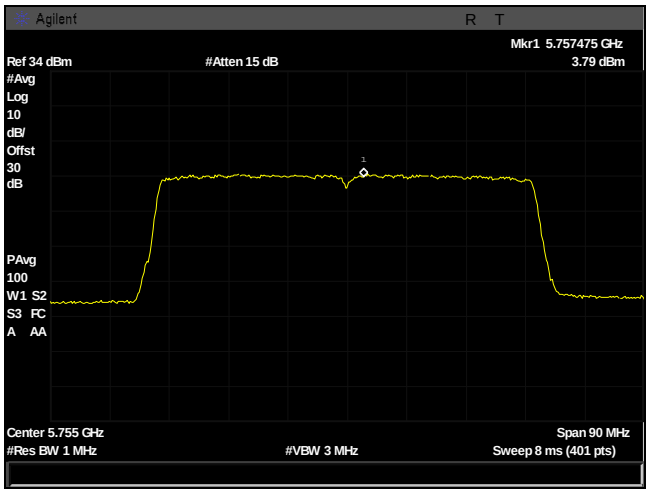
Plot 264. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5740M, 30M



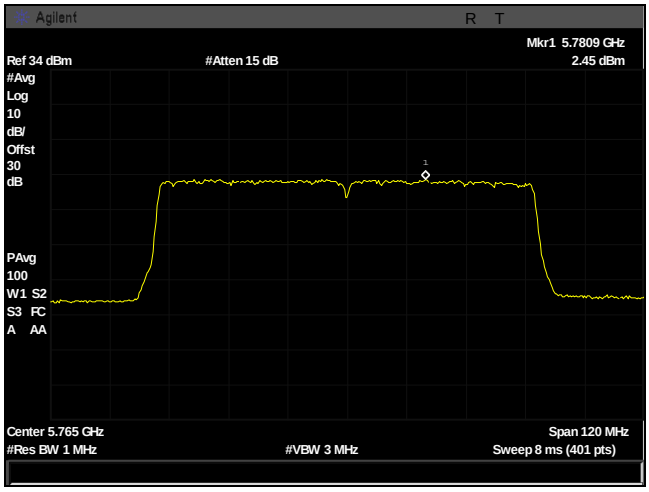
Plot 265. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5745M, 40M



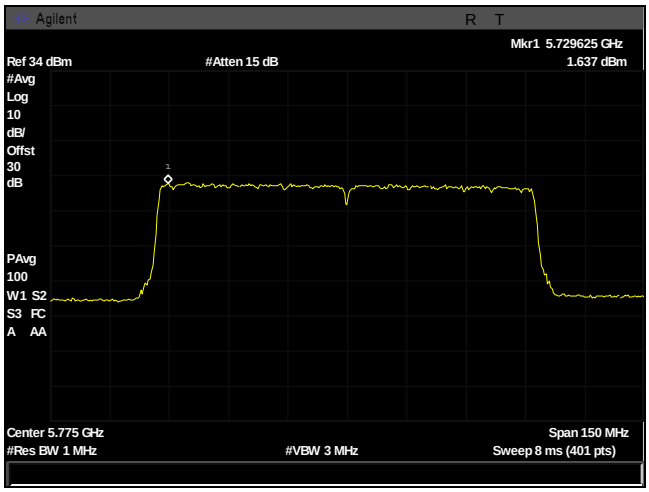
Plot 266. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5750M, 50M



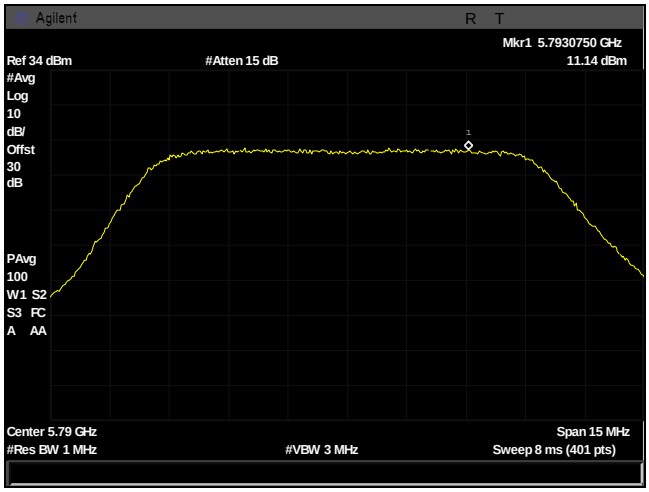
Plot 267. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5755M, 60M



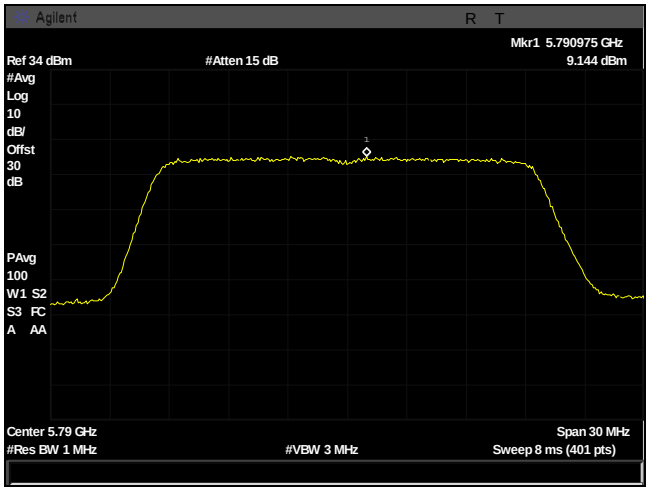
Plot 268. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5765M, 80M



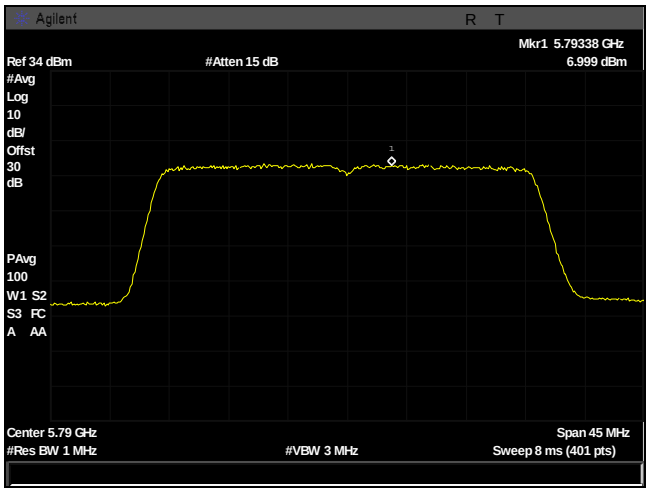
Plot 269. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5775M, 100M



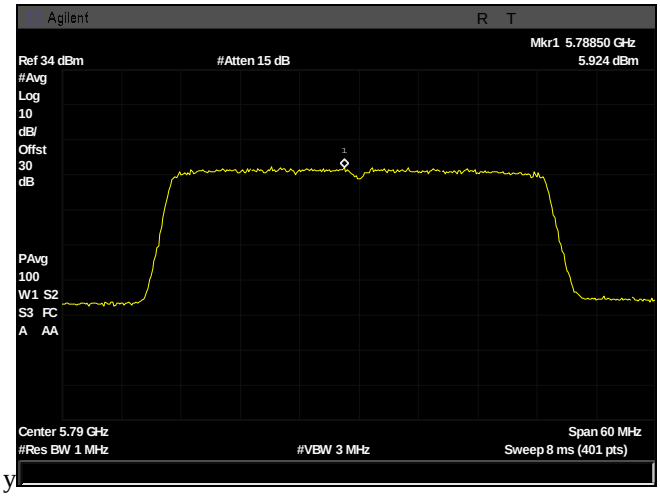
Plot 270. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5790M, 10M



Plot 271. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5790M, 20M

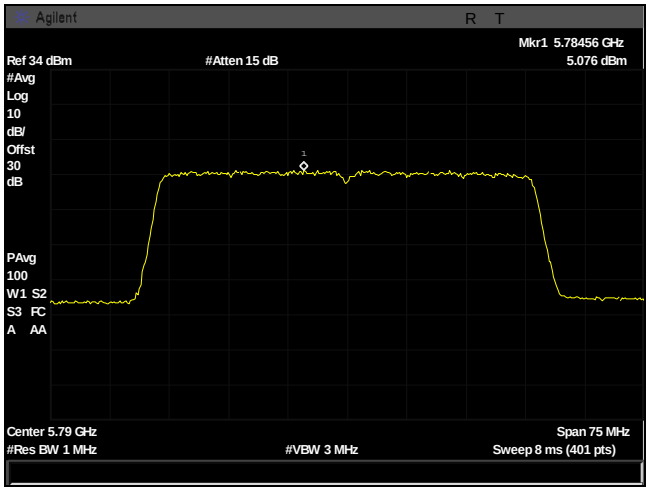


Plot 272. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5790M, 30M

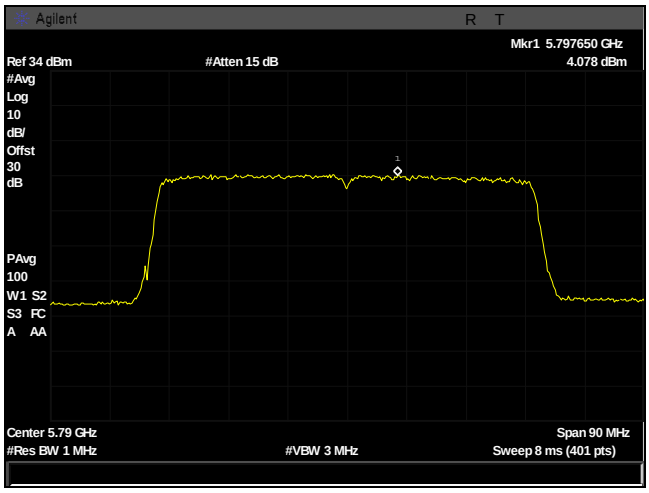


y

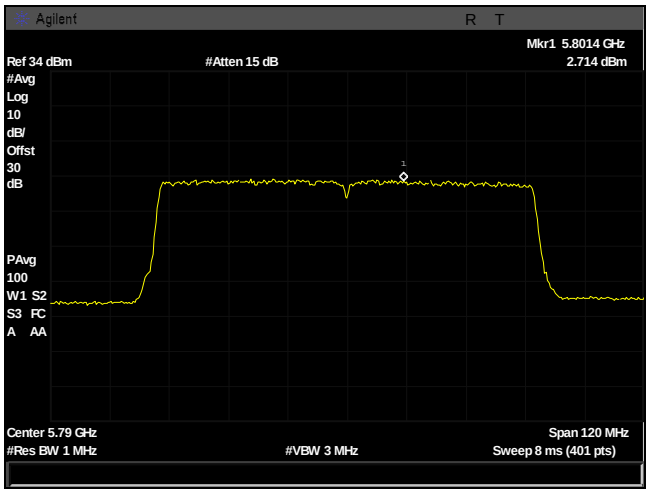
Plot 273. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5790M, 40M



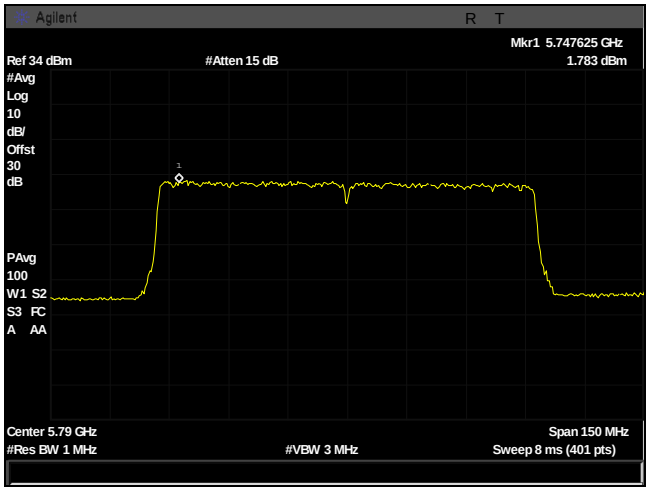
Plot 274. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5790M, 50M



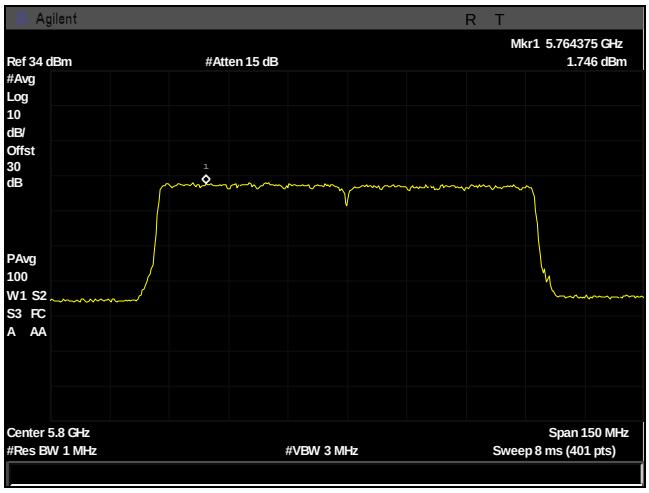
Plot 275. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5790M, 60M



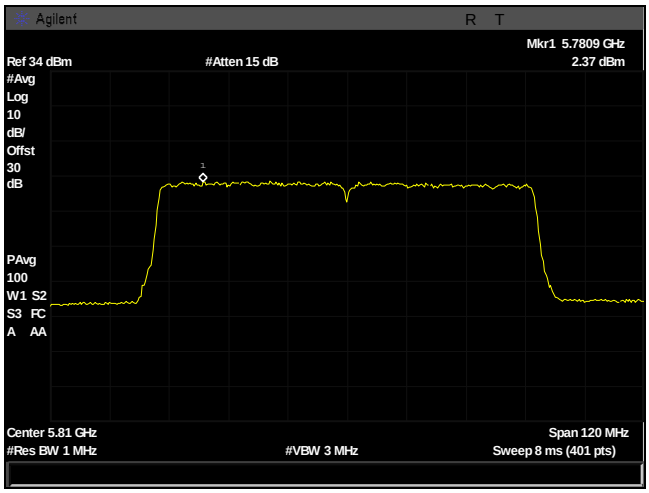
Plot 276. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5790M, 80M



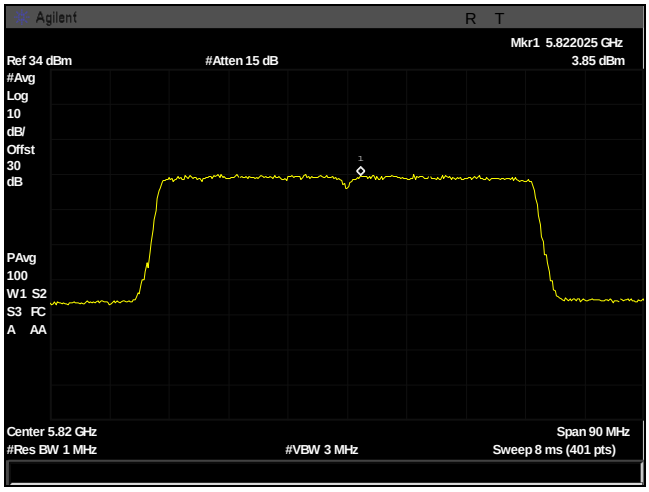
Plot 277. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5790M, 100M



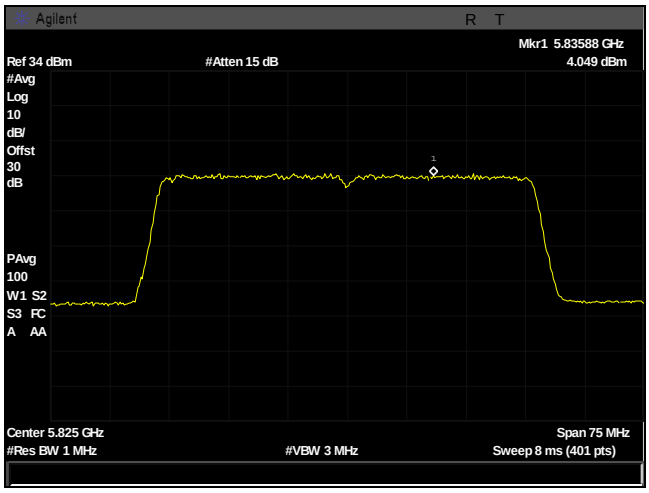
Plot 278. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5800M, 100M



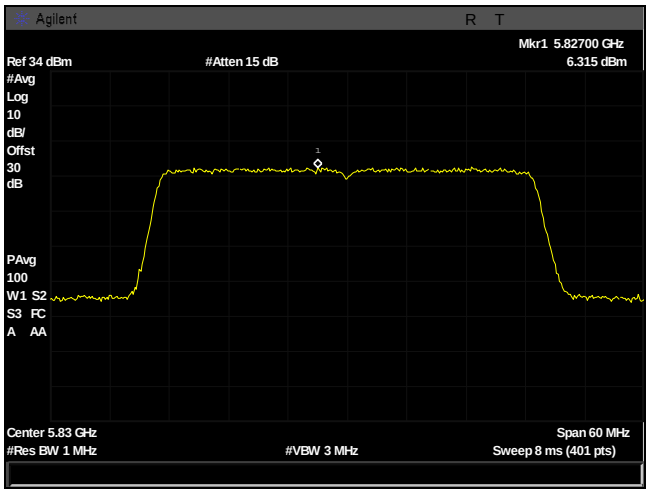
Plot 279. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5810M, 80M



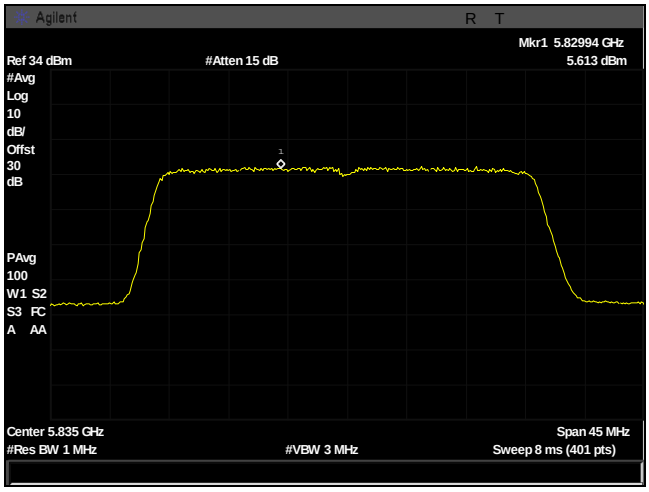
Plot 280. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5820M, 60M



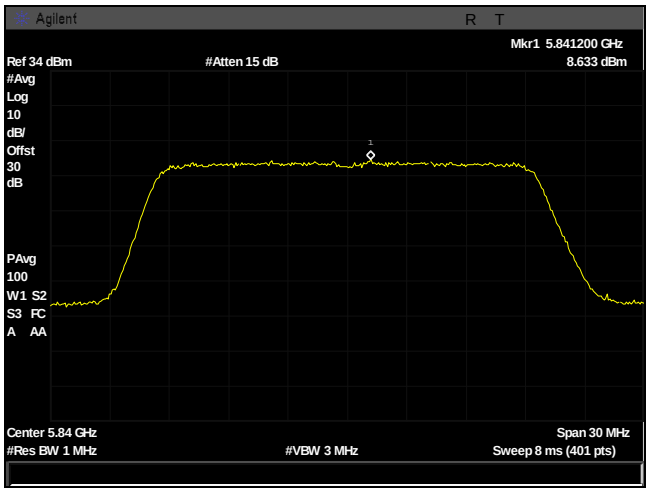
Plot 281. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5825M, 50M



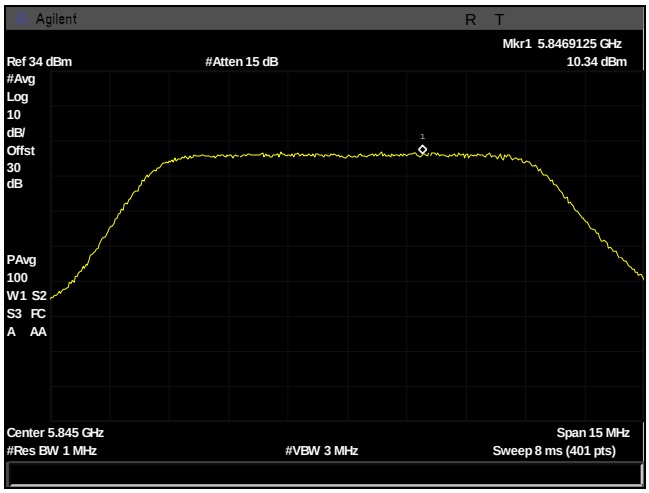
Plot 282. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5830M, 40M



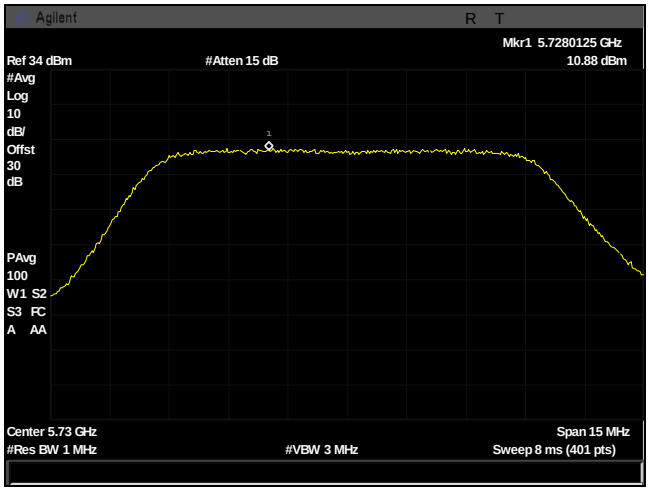
Plot 283. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5835M, 30M



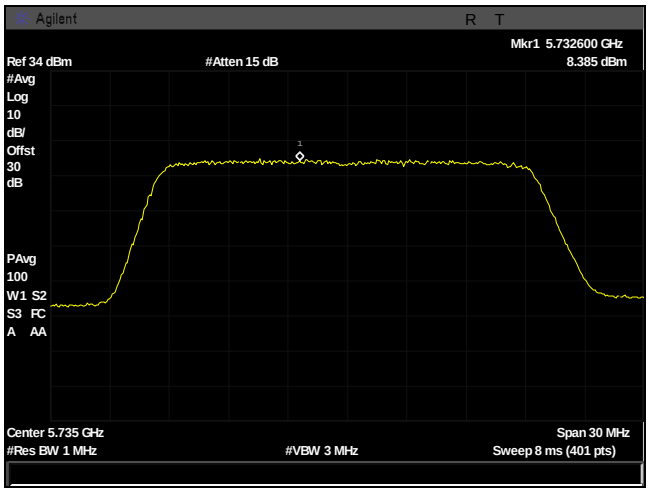
Plot 284. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5840M, 20M



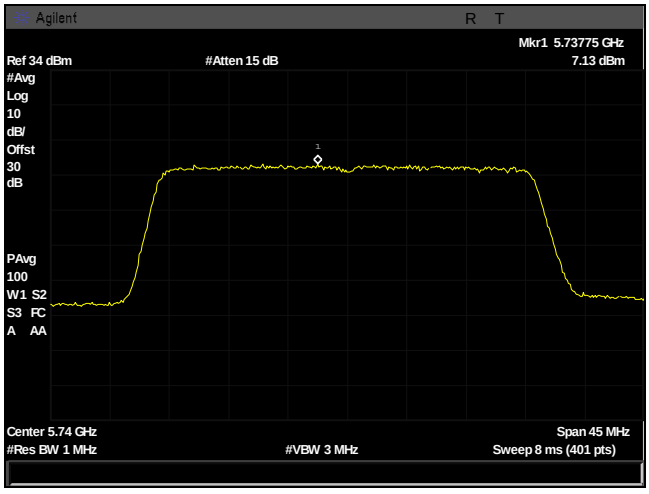
Plot 285. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain0, 5845M, 10M



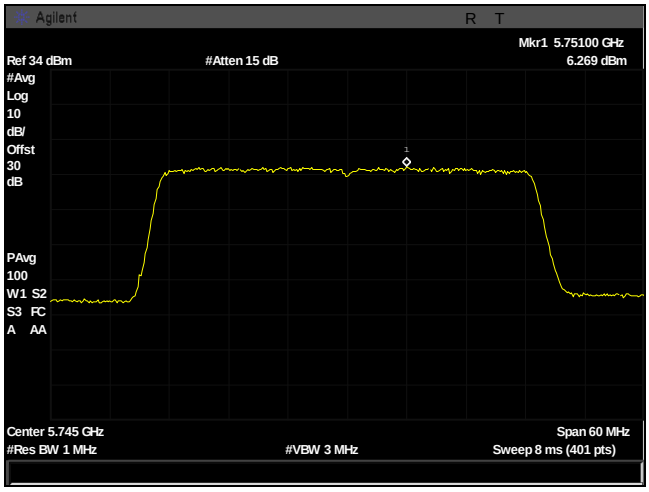
Plot 286. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5730M, 10M



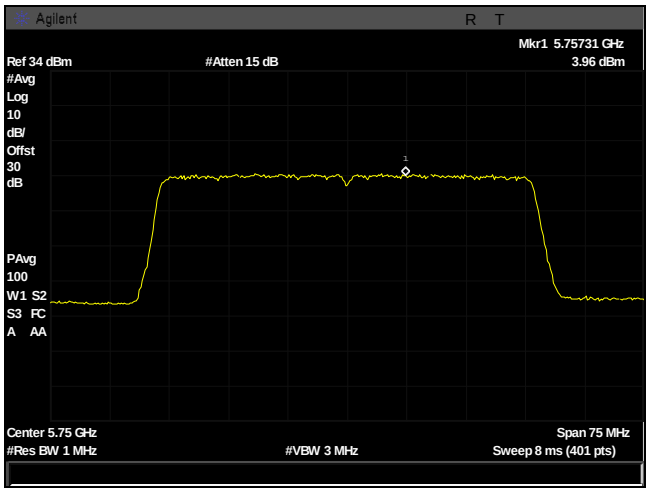
Plot 287. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5735M, 20M



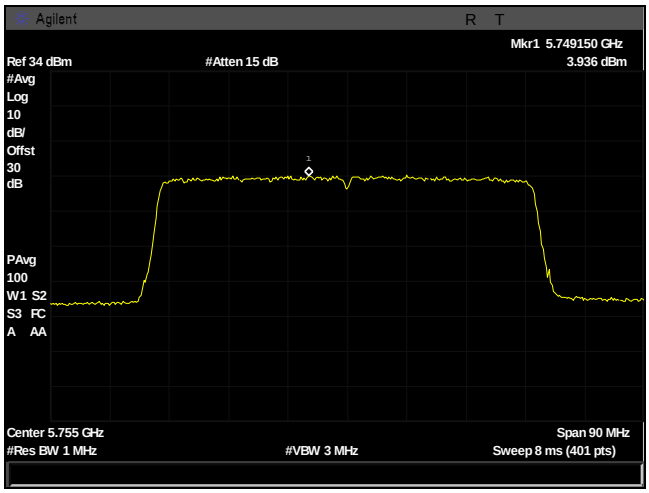
Plot 288. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5740M, 30M



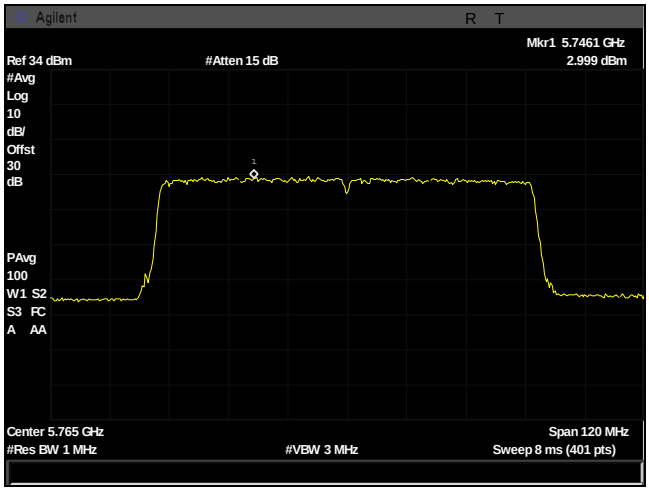
Plot 289. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5745M, 40M



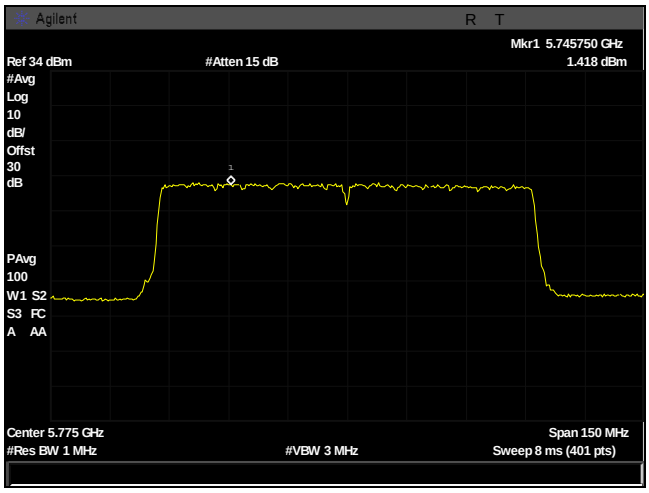
Plot 290. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5750M, 50M



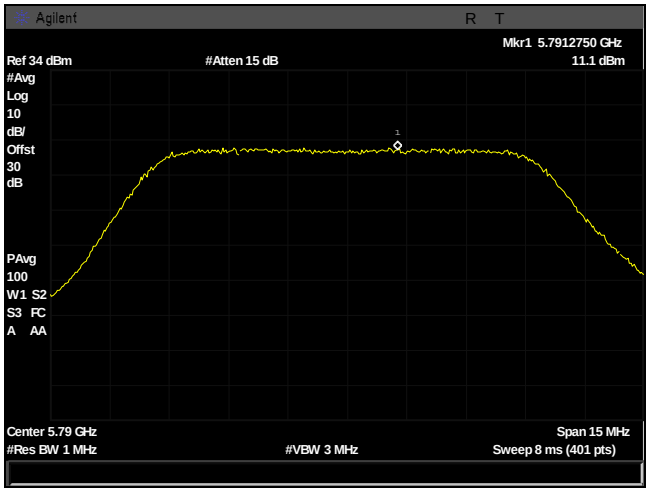
Plot 291. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5755M, 60M



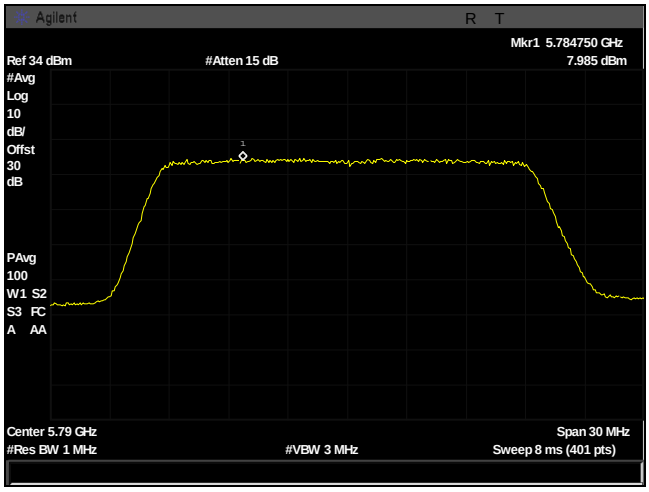
Plot 292. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5765M, 80M



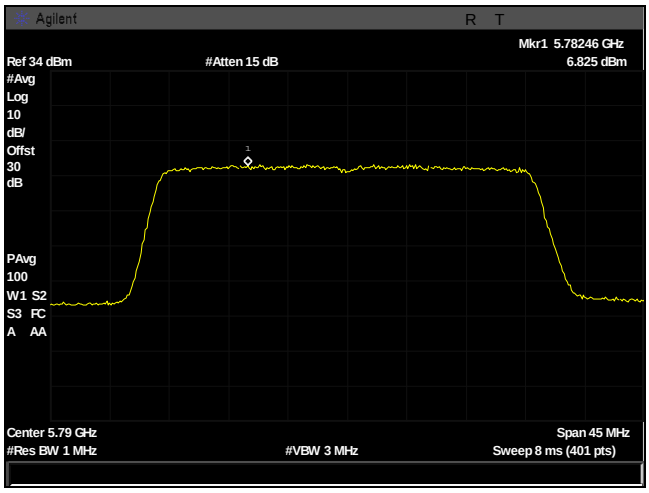
Plot 293. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5775M, 100M



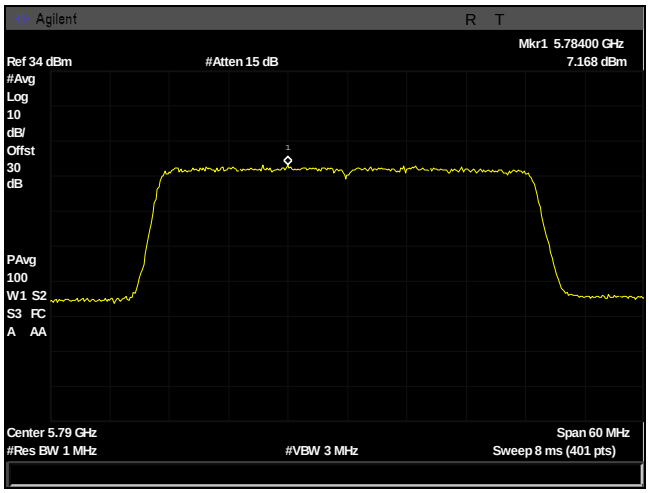
Plot 294. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5790M, 10M



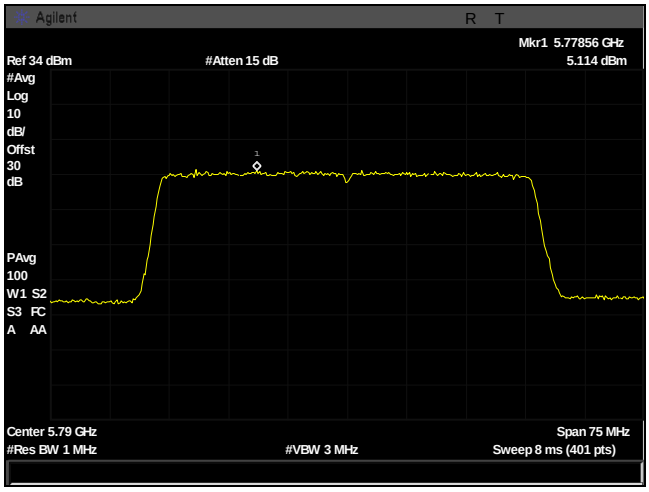
Plot 295. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5790M, 20M



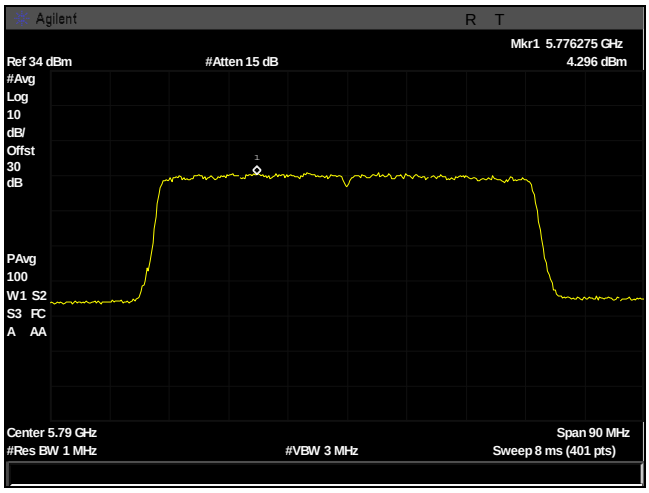
Plot 296. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5790M, 30M



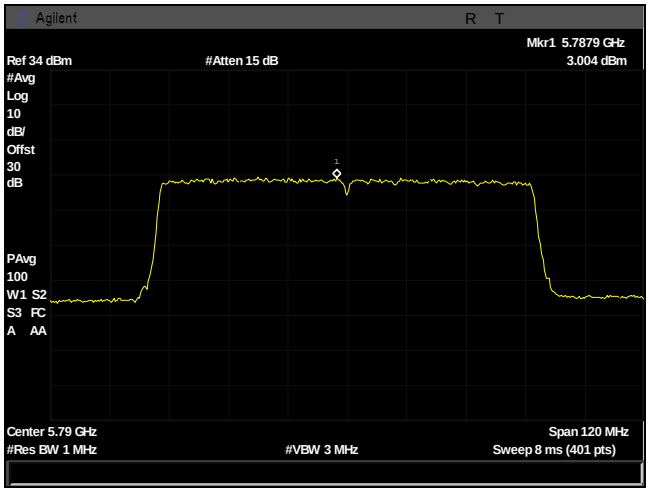
Plot 297. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5790M, 40M



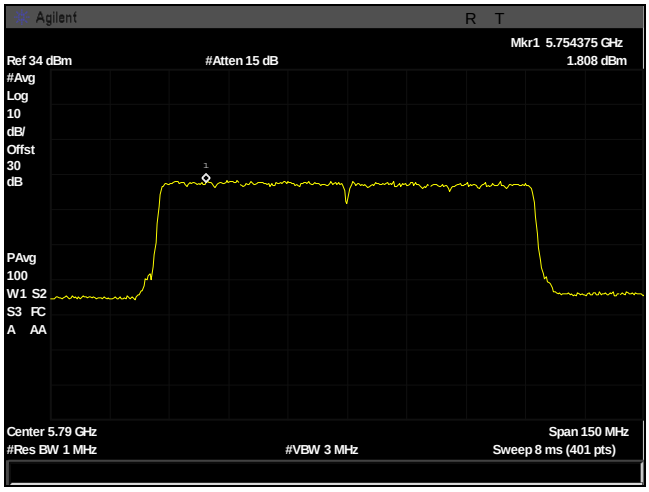
Plot 298. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5790M, 50M



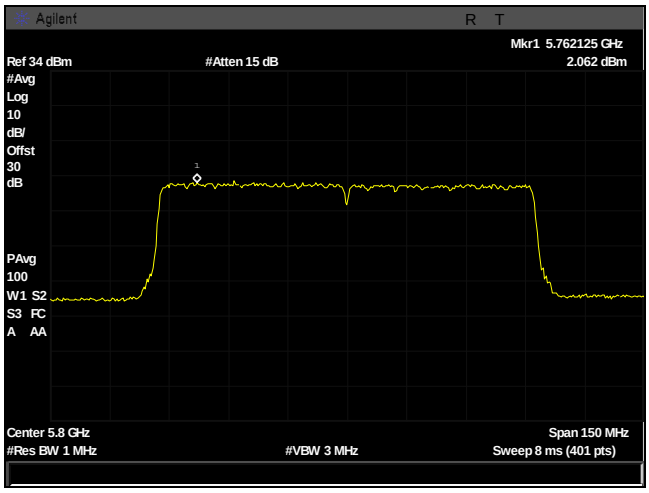
Plot 299. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5790M, 60M.



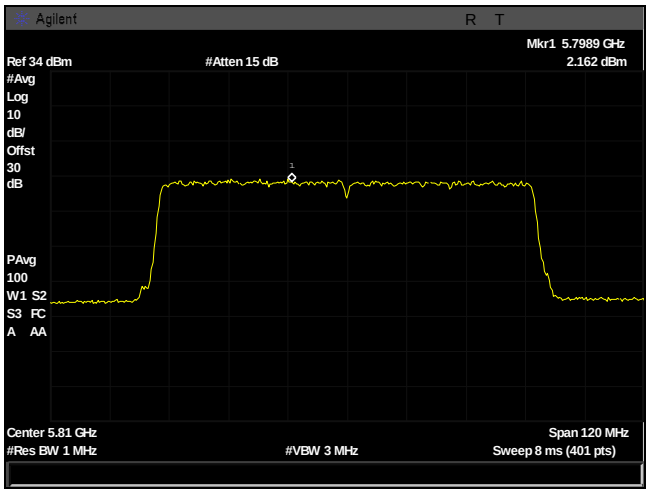
Plot 300. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5790M, 80M



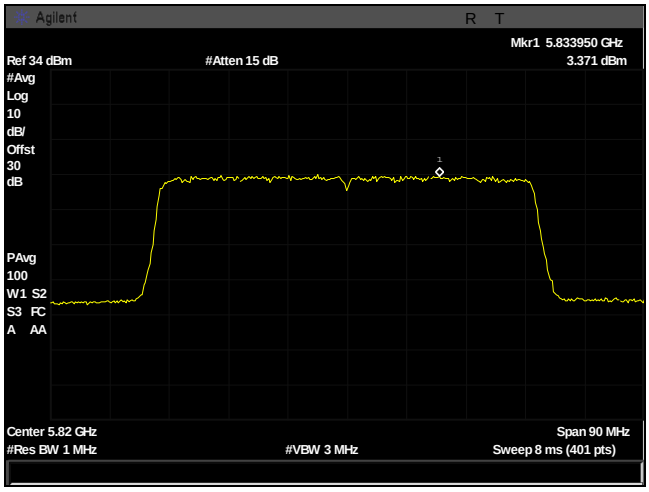
Plot 301. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5790M, 100M



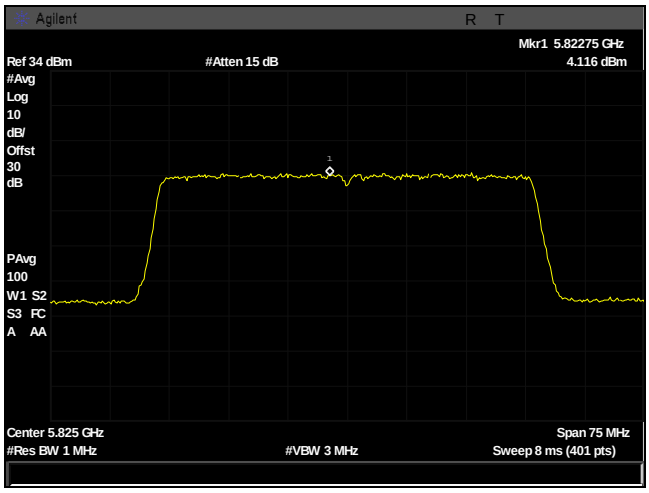
Plot 302. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5800M, 100M



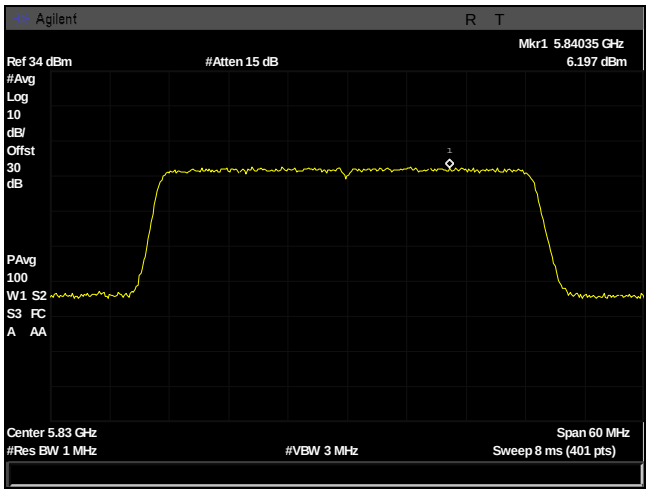
Plot 303. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5810M, 80M



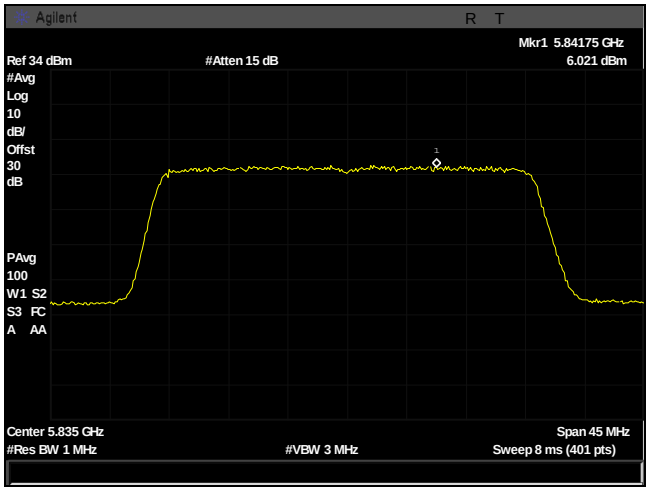
Plot 304. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5820M, 60M



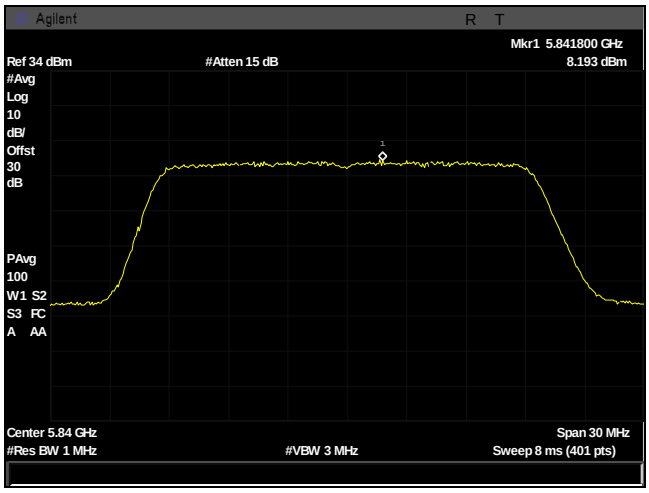
Plot 305. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5825M, 50M



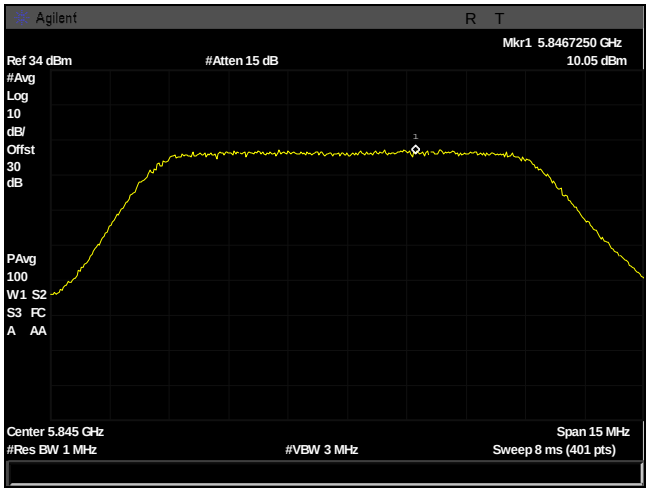
Plot 306. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5830M, 40M



Plot 307. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5835M, 30M



Plot 308. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5840M, 20M

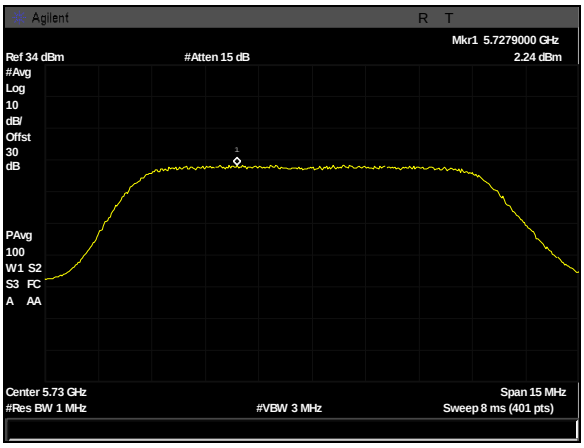


Plot 309. Power Spectral Density, Point-to-Multipoint, 13 dBi, chain1, 5845M, 10M

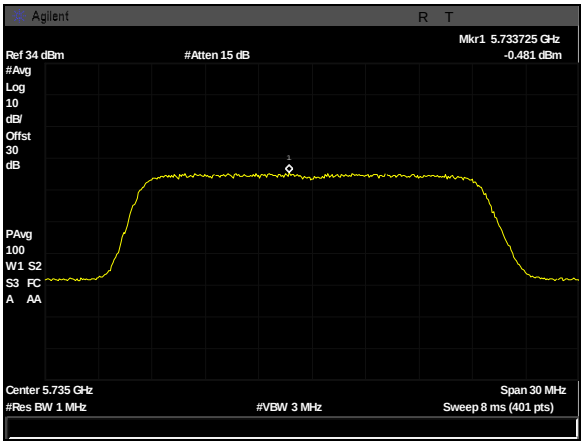
Power Spectral Density, Point-to-Multipoint, 22 dBi

Channel BW (MHz)	Frequency (MHz)	Chain 0 (dBm)	Chain 1 (dBm)	Sum (dBm)	Limit (dBm)	Directional Gain (dBi)	Final Limit (dBm)	Margin (dB)
10	5730	2.24	2.978	5.635	30	22	14	-8.365
	5790	2.371	1.308	4.883	30	22	14	-9.117
	5845	1.994	2.79	5.421	30	22	14	-8.579
20	5735	-0.481	-0.614	2.464	30	22	14	-11.536
	5790	-0.93	-0.365	2.372	30	22	14	-11.628
	5840	-1.143	-0.382	2.265	30	22	14	-11.735
30	5740	-1.975	-1.912	1.067	30	22	14	-12.933
	5790	-1.462	-0.996	1.788	30	22	14	-12.212
	5835	-3.458	-1.889	0.408	30	22	14	-13.592
40	5745	-3.181	-2.57	0.146	30	22	14	-13.854
	5790	-2.847	-2.932	0.122	30	22	14	-13.878
	5830	-2.862	-2.417	0.377	30	22	14	-13.623
50	5750	-4.607	-4.284	-1.432	30	22	14	-15.432
	5790	-3.485	-3.698	-0.579	30	22	14	-14.579
	5825	-4.709	-3.731	-1.182	30	22	14	-15.182
60	5755	-5.518	-5.168	-2.329	30	22	14	-16.329
	5790	-4.438	-4.305	-1.36	30	22	14	-15.36
	5820	-4.531	-4.449	-1.479	30	22	14	-15.479
80	5765	-6.569	-6.476	-3.511	30	22	14	-17.511
	5790	-6.046	-5.969	-2.997	30	22	14	-16.997
	5810	-6.505	-5.57	-3.002	30	22	14	-17.002
100	5775	-7.747	-7.423	-4.571	30	22	14	-18.571
	5790	-6.559	-5.976	-3.247	30	22	14	-17.247
	5800	-7.685	-7.59	-4.626	30	22	14	-18.626

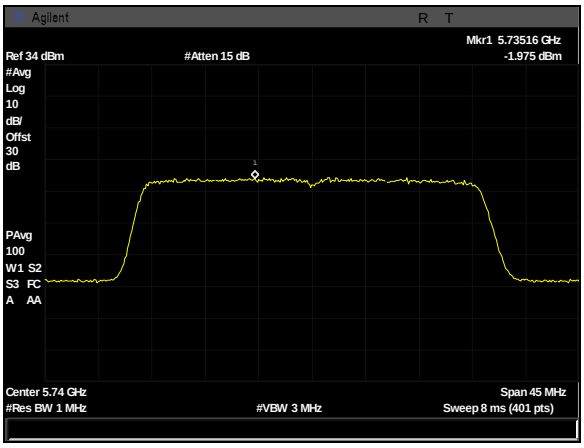
Table 13. Power Spectral Density, Point-to-Multipoint, 22 dBi, 2x2, Test Results



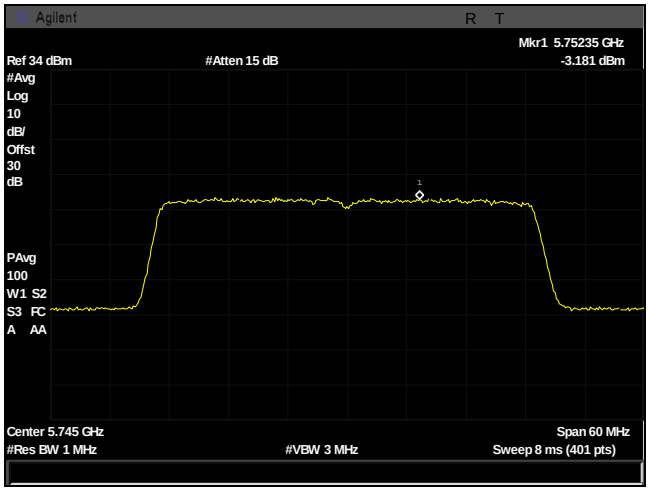
Plot 310. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5370M, 10M



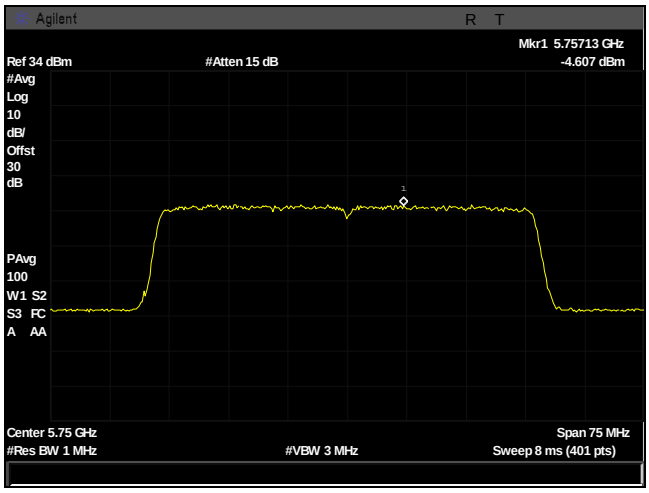
Plot 311. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5735M, 20M



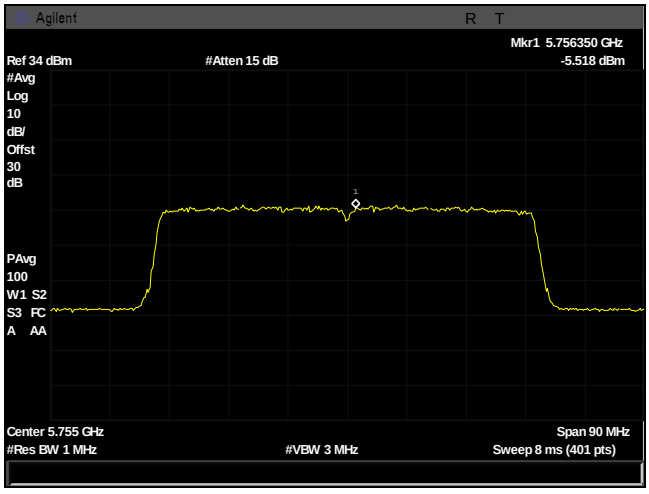
Plot 312. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5740M, 30M



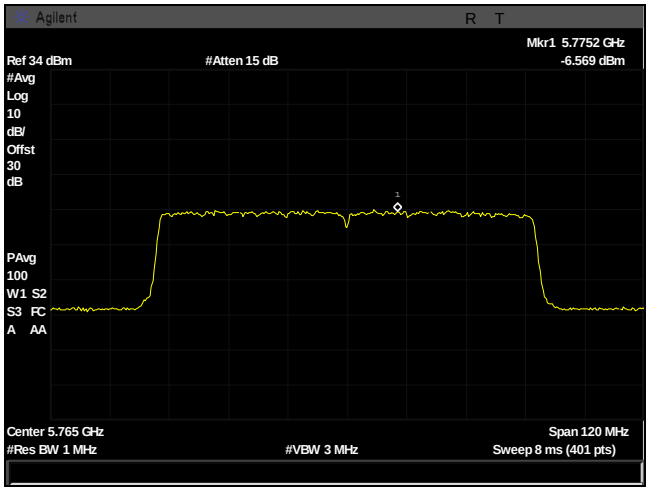
Plot 313. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5745M, 40M



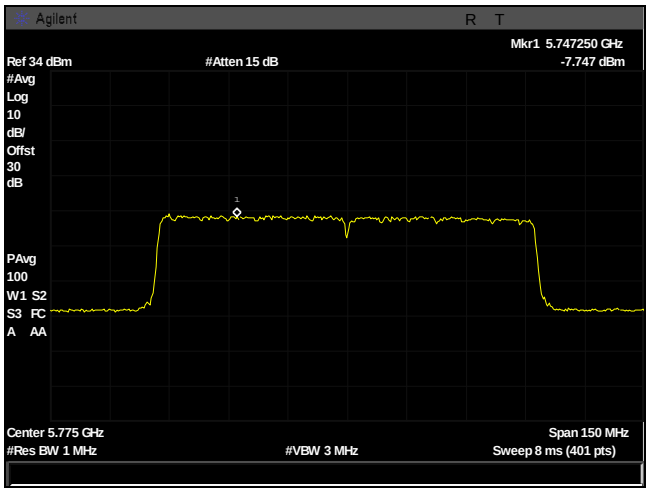
Plot 314. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5750M, 50M



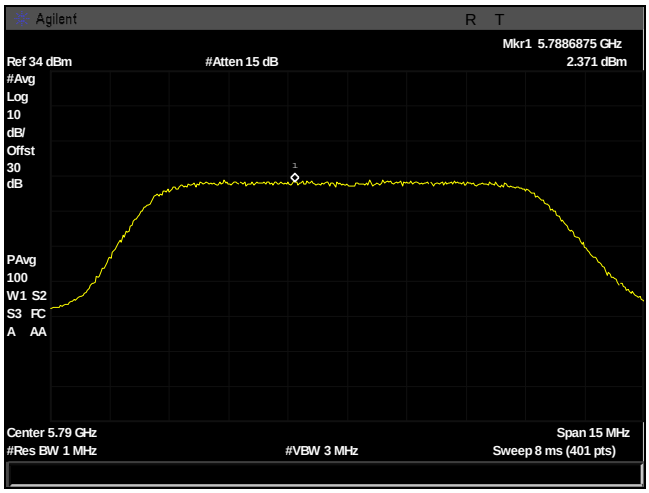
Plot 315. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5755M, 60M



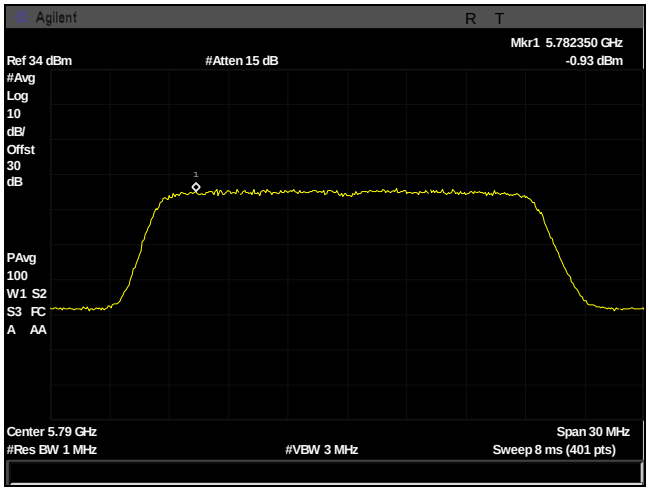
Plot 316. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5765M, 80M



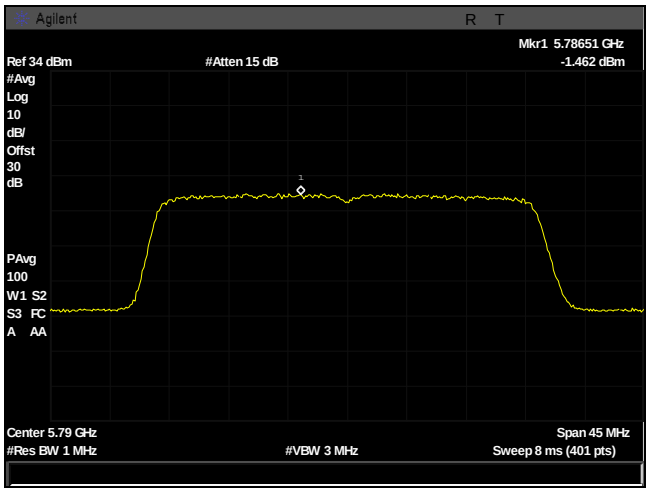
Plot 317. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5775M, 100M



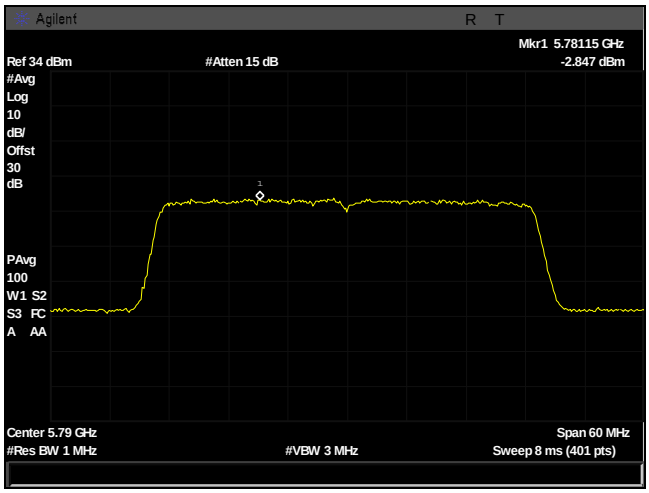
Plot 318. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5790M, 10M



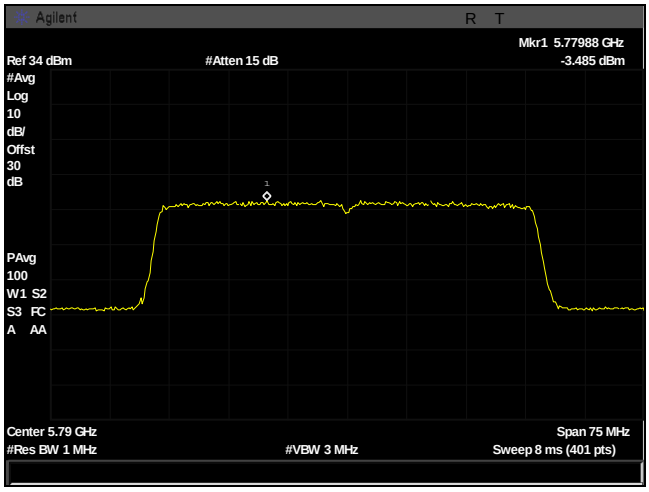
Plot 319. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5790M, 20M



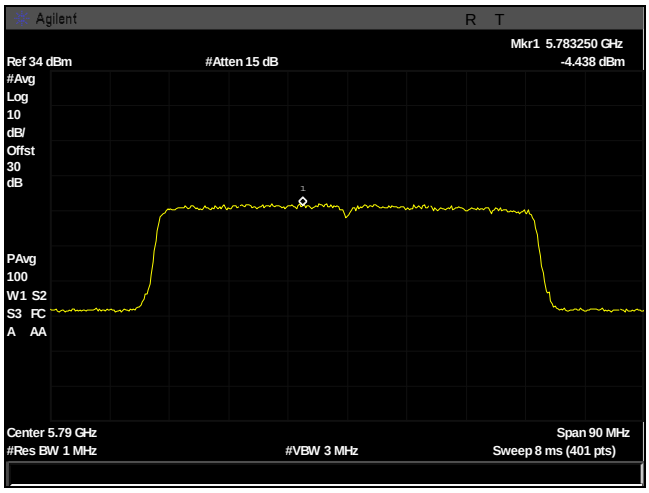
Plot 320. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5790M, 30M



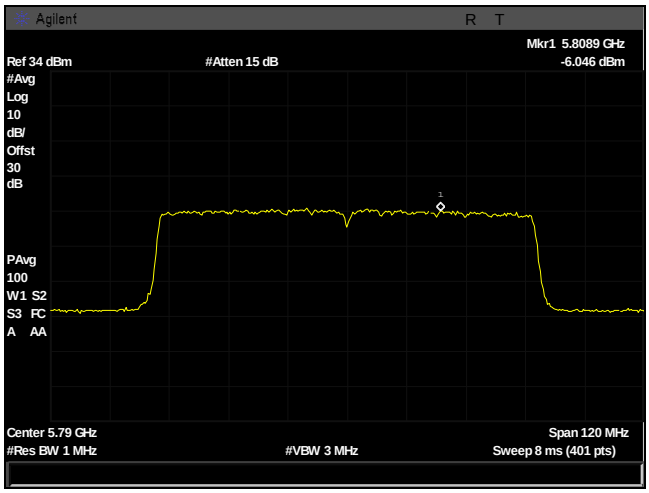
Plot 321. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5790M, 40M



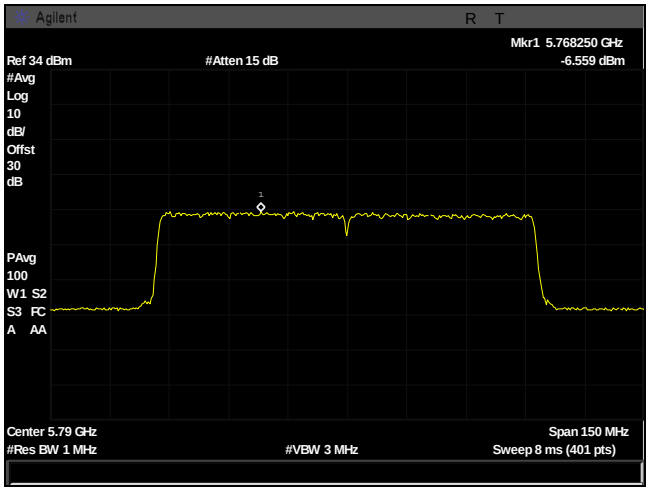
Plot 322. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5790M, 50M



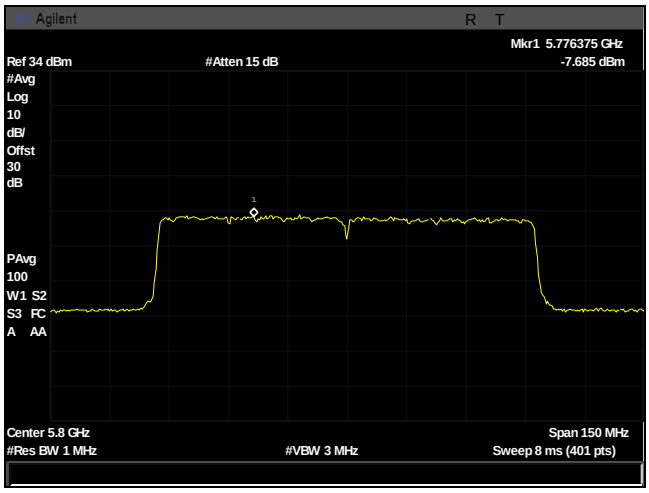
Plot 323. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5790M, 60M



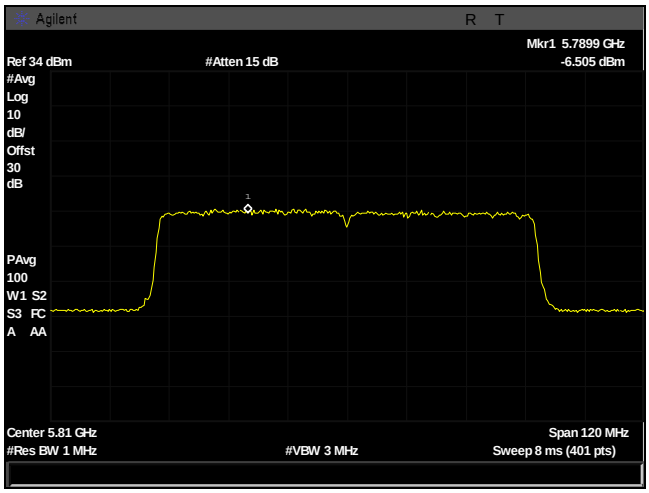
Plot 324. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5790M, 80M



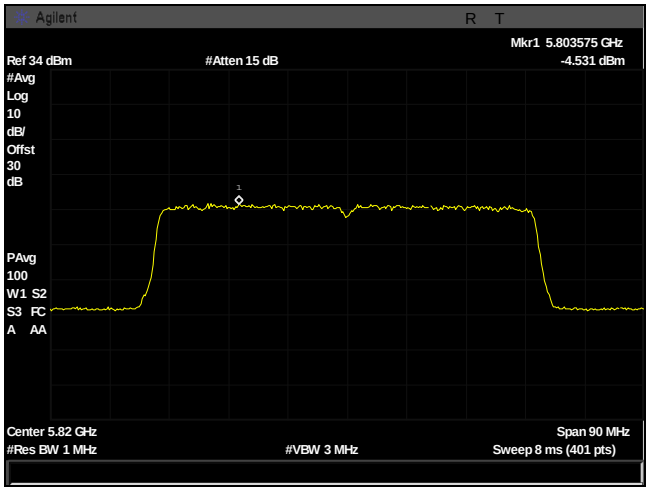
Plot 325. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5790M, 100M



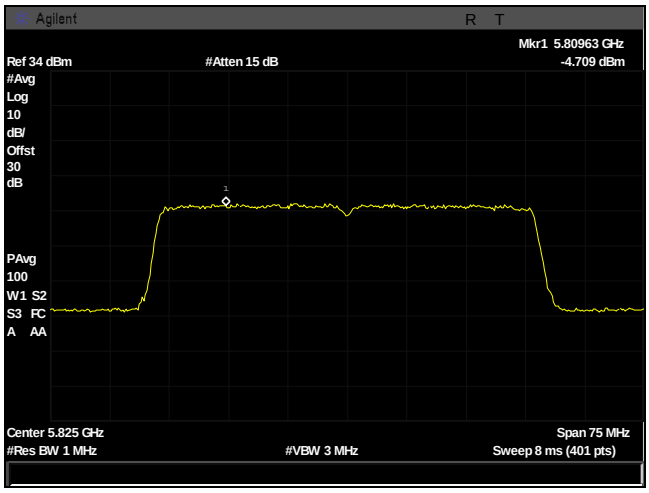
Plot 326. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5800M, 100M



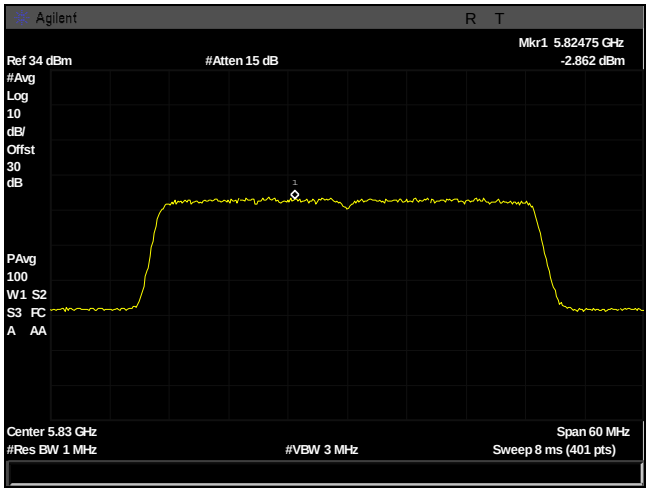
Plot 327. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5810M, 80M



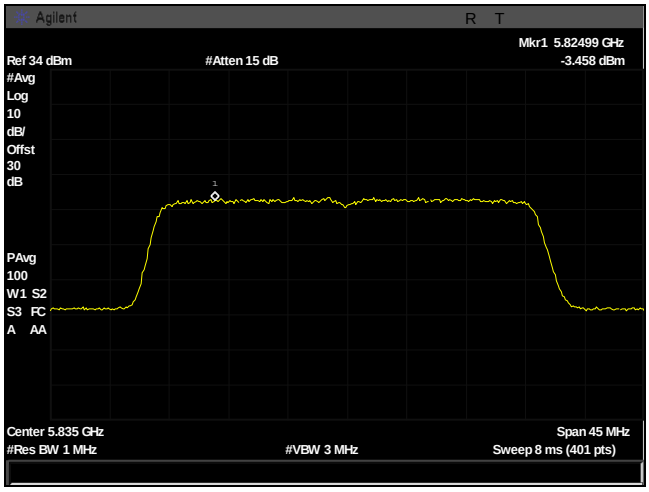
Plot 328. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5820M, 60M



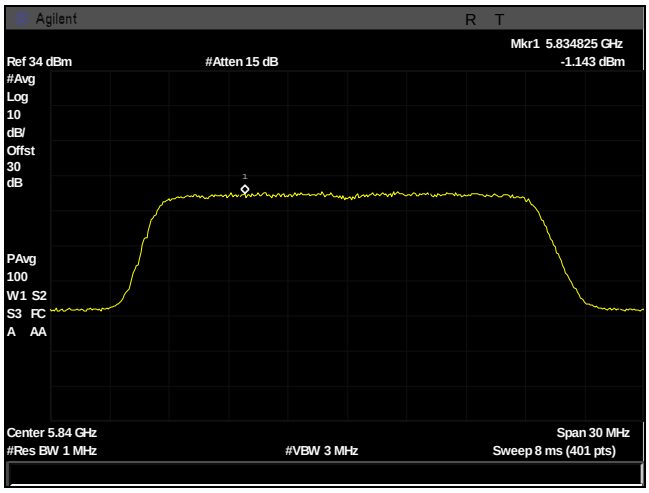
Plot 329. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5825M, 50M



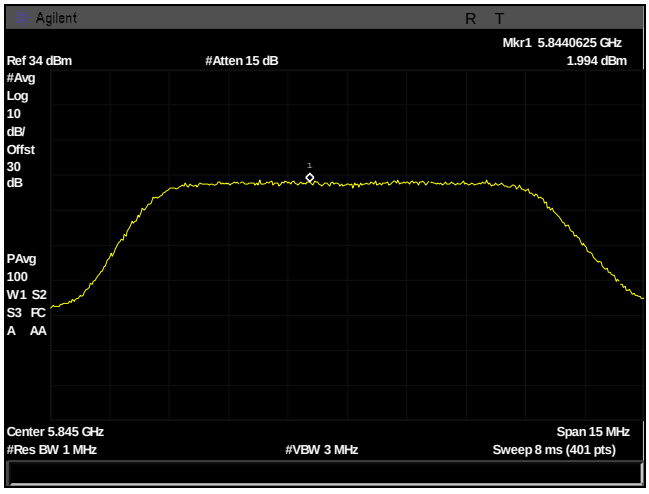
Plot 330. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5830M, 40M



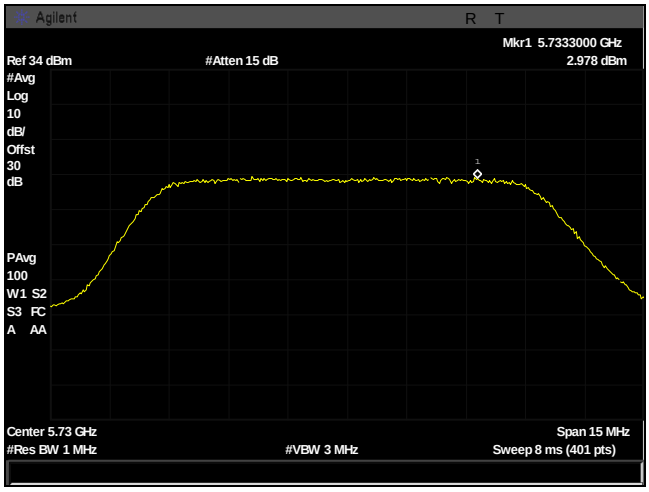
Plot 331. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5835M, 30M



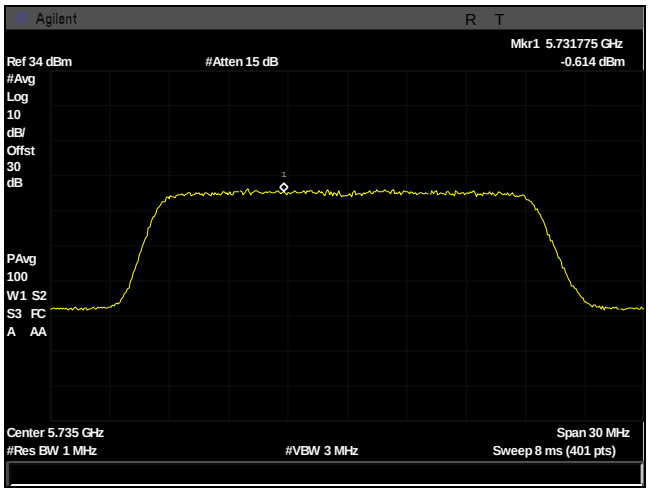
Plot 332. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5840M, 20M



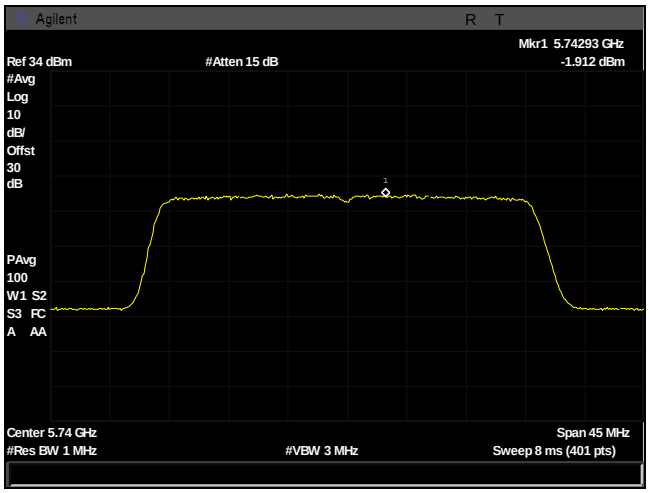
Plot 333. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain0, 5845M, 10M



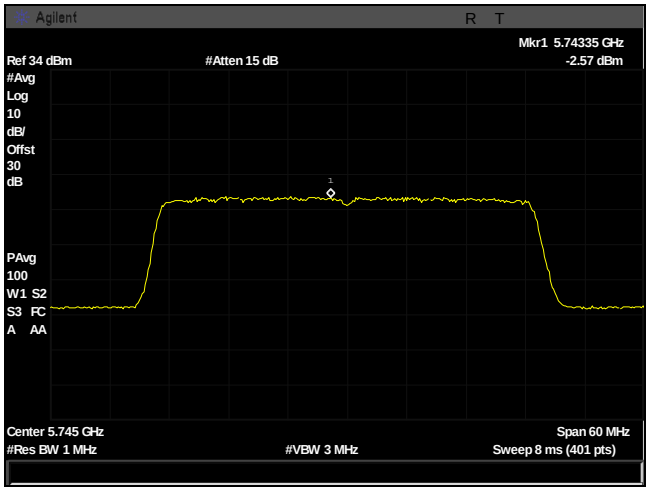
Plot 334. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5730M, 10M



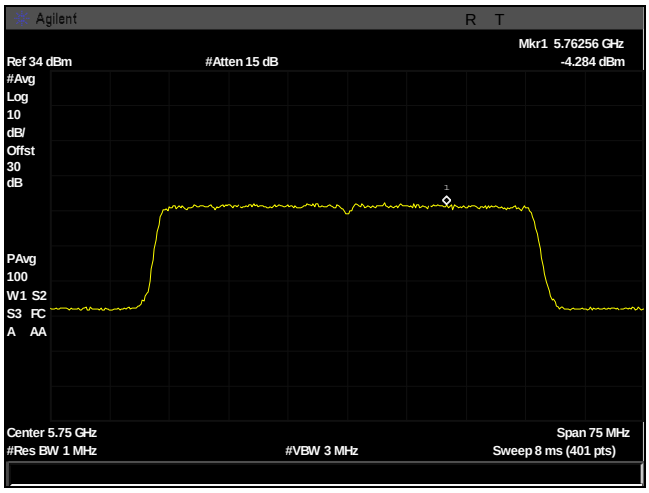
Plot 335. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5735M, 20M



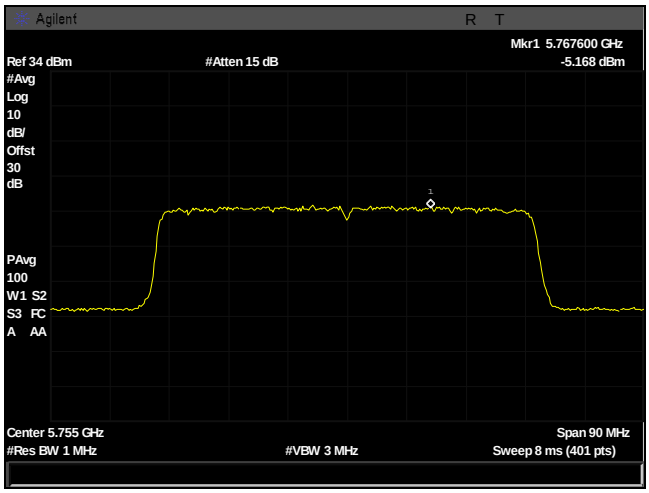
Plot 336. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5740M, 30M



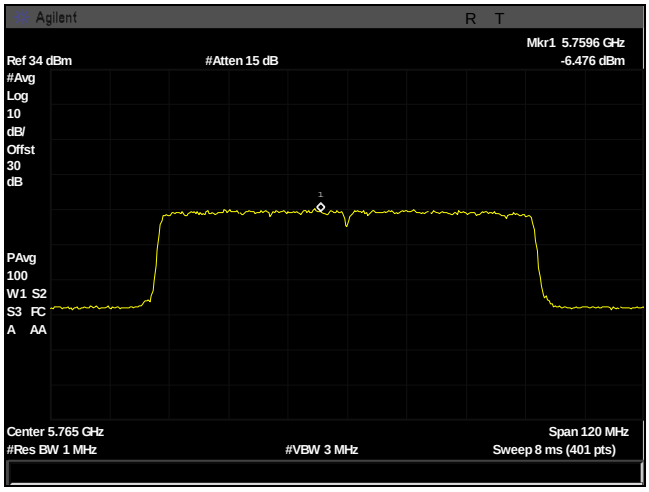
Plot 337. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5745M, 40M



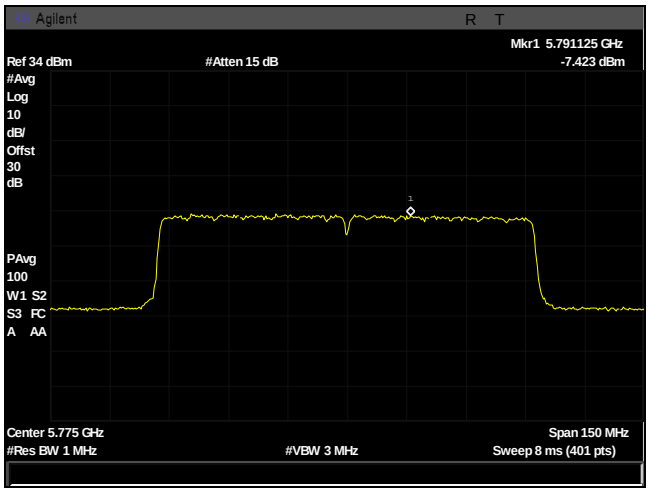
Plot 338. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5750M, 50M



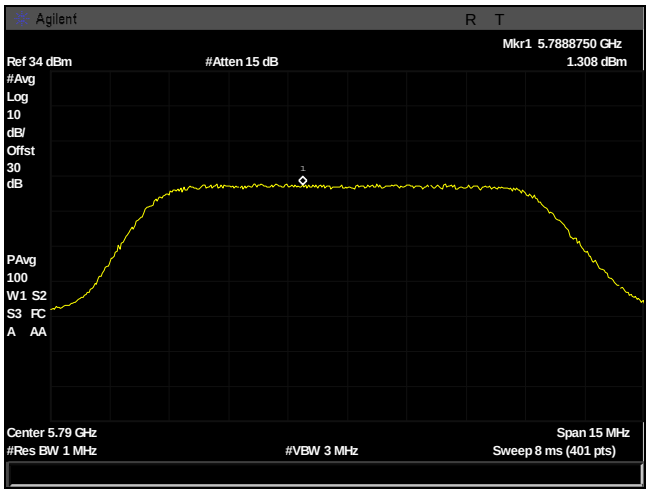
Plot 339. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5755M, 60M



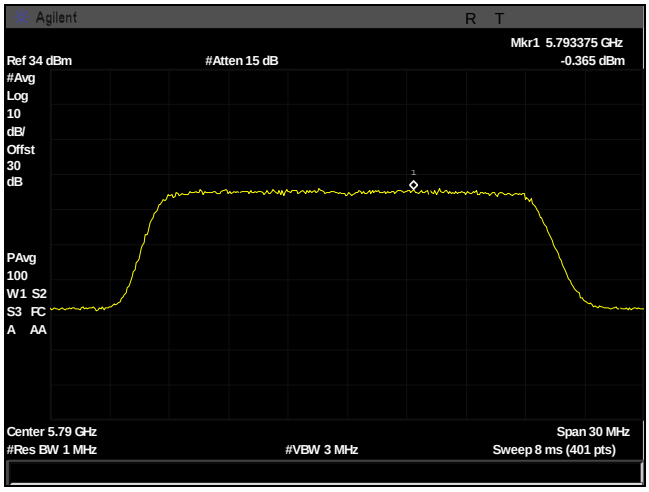
Plot 340. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5765M, 80M



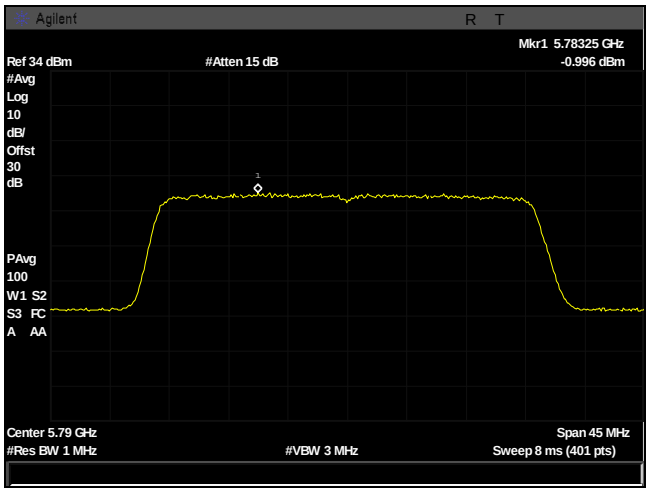
Plot 341. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5775M, 100M



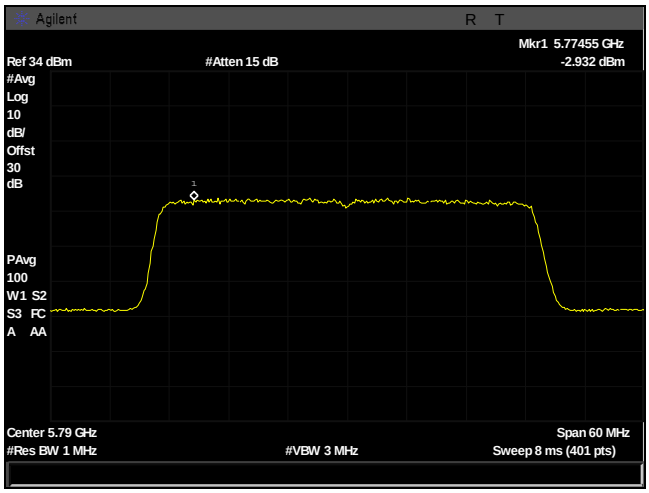
Plot 342. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5790M, 10M



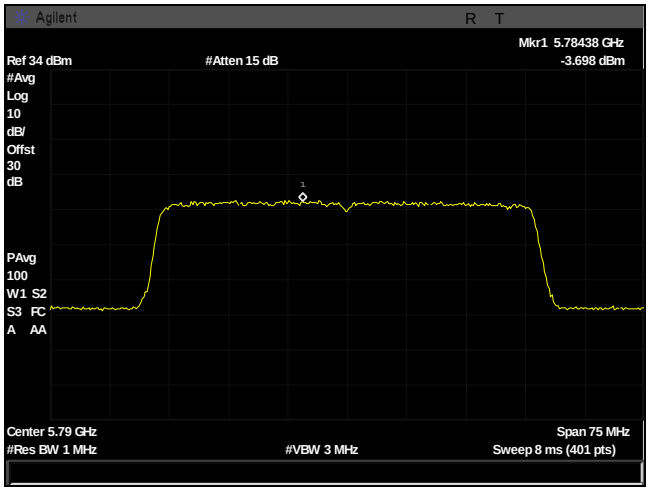
Plot 343. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5790M, 20M



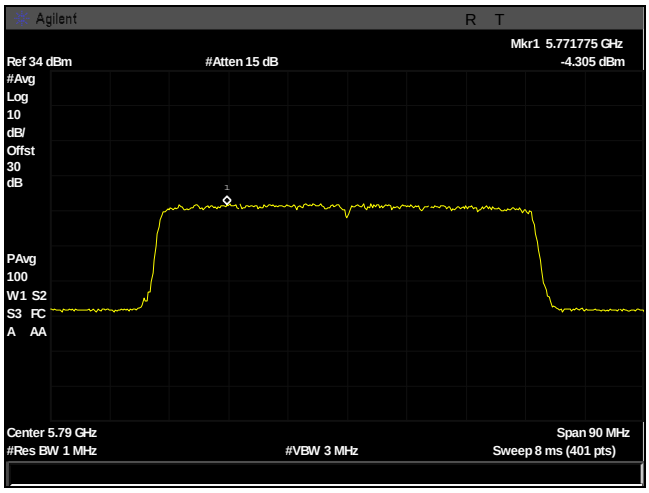
Plot 344. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5790M, 30M



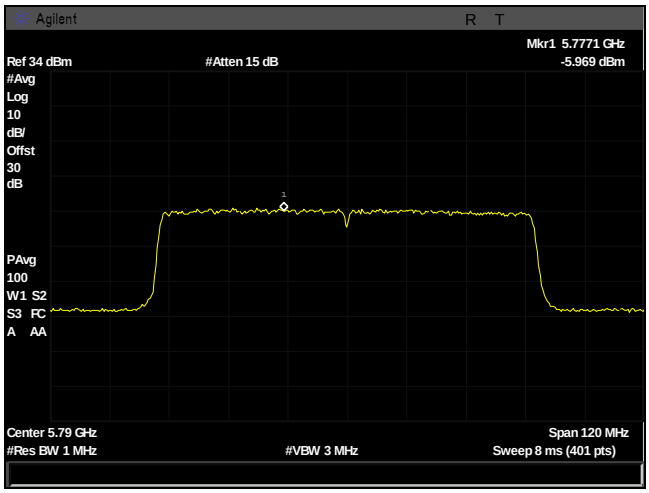
Plot 345. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5790M, 40M



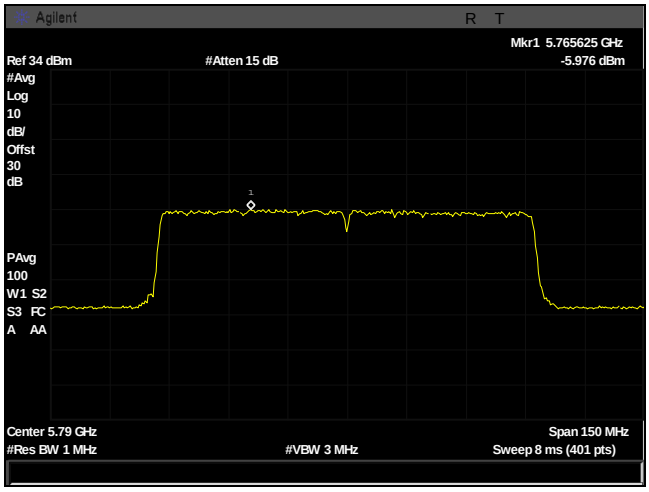
Plot 346. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5790M, 50M



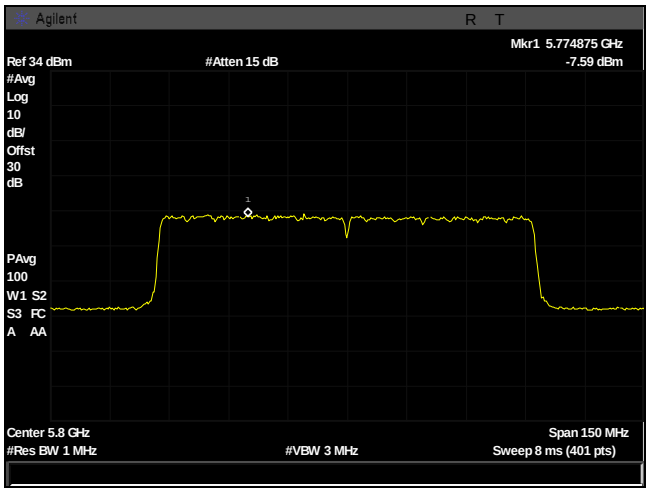
Plot 347. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5790M, 60M



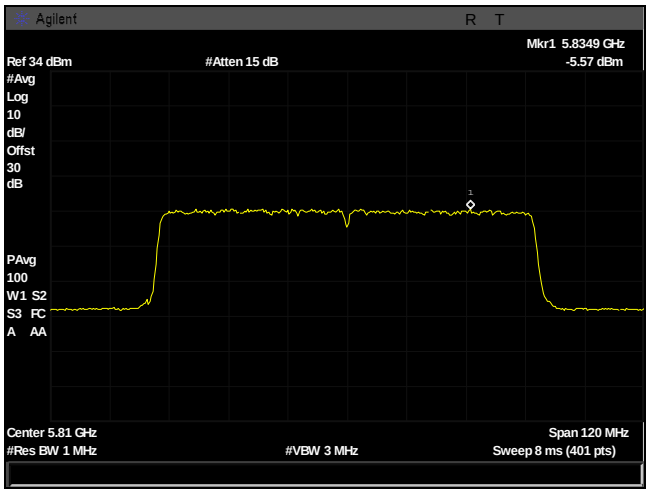
Plot 348. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5790M, 80M



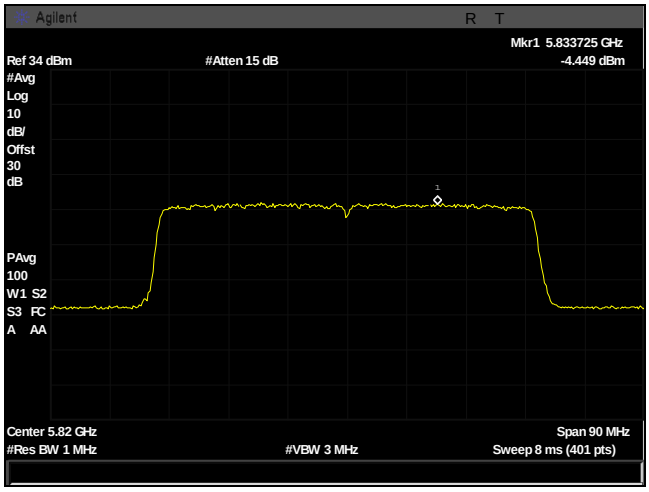
Plot 349. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5790M, 100M



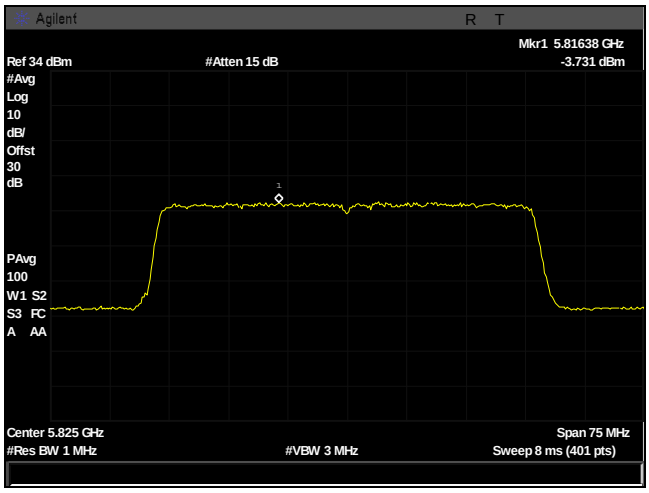
Plot 350. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5800M, 100M



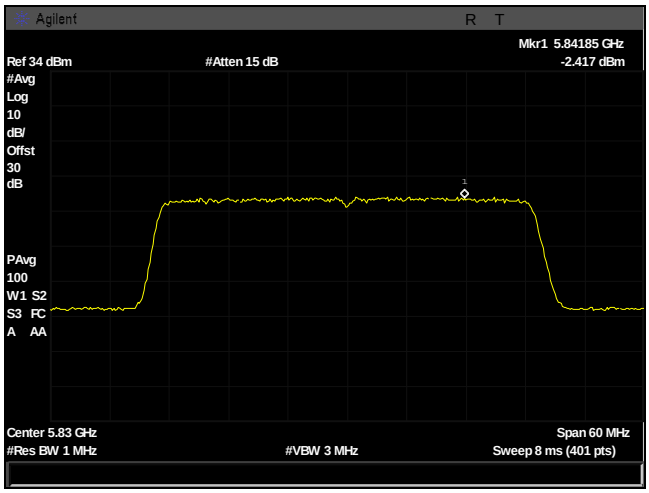
Plot 351. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5810M, 80M



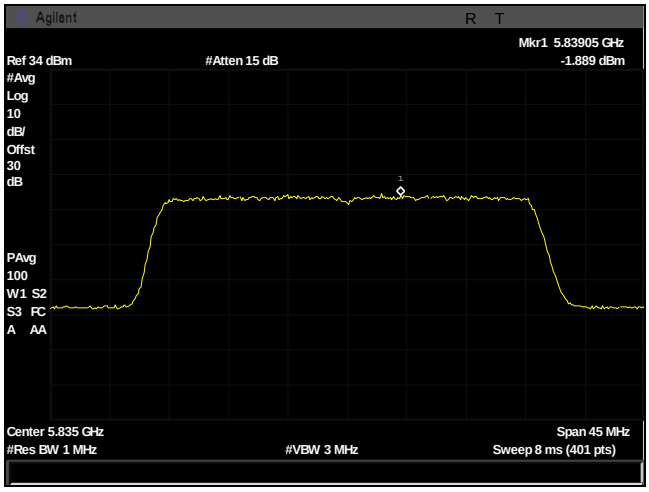
Plot 352. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5820M, 60M



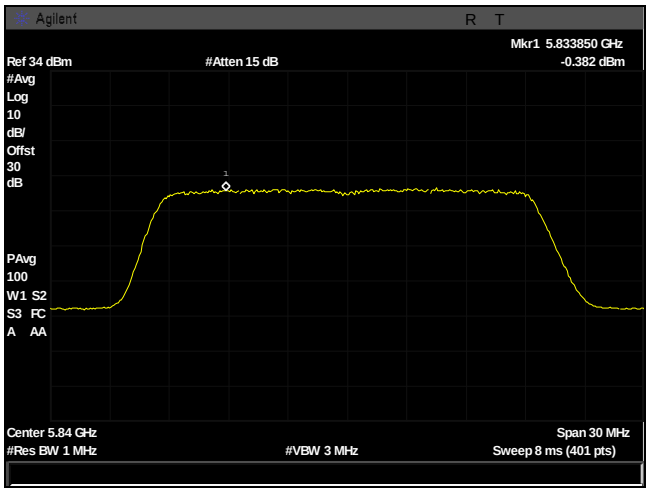
Plot 353. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5825M, 50M



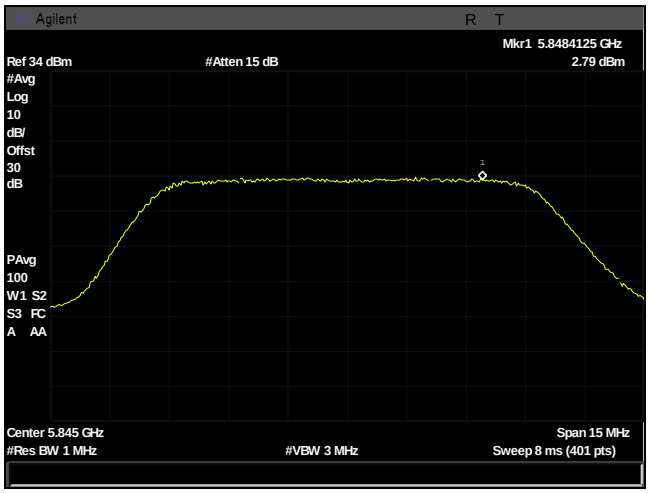
Plot 354. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5830M, 40M



Plot 355. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5835M, 30M



Plot 356. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5840M, 20M

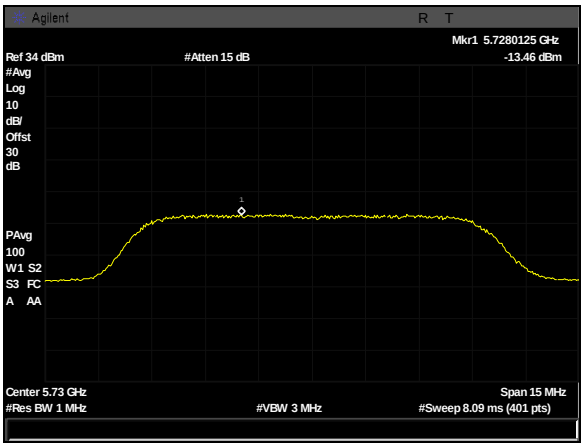


Plot 357. Power Spectral Density, Point-to-Multipoint, 22 dBi, chain1, 5845M, 10M

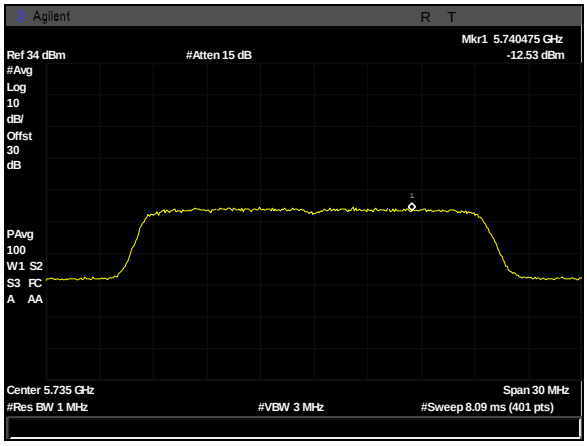
Power Spectral Density, Point-to-Multipoint, 34 dBi

Channel BW (MHz)	Frequency (MHz)	Chain 0 (dBm)	Chain 1 (dBm)	Sum (dBm)	Limit (dBm)	Directional Gain (dBi)	Final Limit (dBm)	Margin (dB)
10	5730	-13.46	-10.14	-8.479	30	34	2	-10.479
	5790	-8.687	-9.378	-6.008	30	34	2	-8.008
	5845	-8.763	-9.302	-6.013	30	34	2	-8.013
20	5735	-12.53	-11.83	-9.155	30	34	2	-11.155
	5790	-11.51	-12.26	-8.858	30	34	2	-10.858
	5840	-11.63	-12.52	-9.041	30	34	2	-11.041
30	5740	-13.49	-14.47	-10.942	30	34	2	-12.942
	5790	-13.22	-14.19	-10.667	30	34	2	-12.667
	5835	-14.41	-14.5	-11.444	30	34	2	-13.444
40	5745	-15.23	-14.98	-12.092	30	34	2	-14.092
	5790	-15.15	-16.27	-12.663	30	34	2	-14.663
	5830	-16.62	-15.17	-12.824	30	34	2	-14.824
50	5750	-16.49	-16.28	-13.373	30	34	2	-15.373
	5790	-16.09	-14.8	-12.386	30	34	2	-14.386
	5825	-15.99	-17.01	-13.459	30	34	2	-15.459
60	5755	-15.96	-16.5	-13.211	30	34	2	-15.211
	5790	-16.26	-17.22	-13.703	30	34	2	-15.703
	5820	-17.98	-17.4	-14.67	30	34	2	-16.67
80	5765	-18.51	-17.95	-15.21	30	34	2	-17.21
	5790	-17.2	-18.53	-14.803	30	34	2	-16.803
	5810	-18.29	-18.94	-15.592	30	34	2	-17.592
100	5775	-18.86	-19.52	-16.167	30	34	2	-18.167
	5790	-17.95	-19.74	-15.743	30	34	2	-17.743
	5800	-18.48	-19.52	-15.958	30	34	2	-17.958

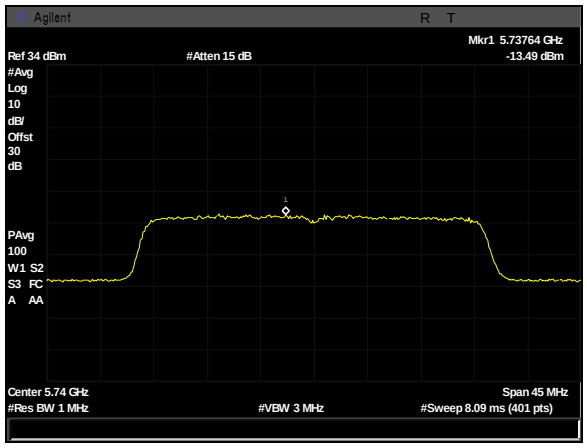
Table 14. Power Spectral Density, Point-to-Multipoint, 34 dBi, 2x2, Test Results



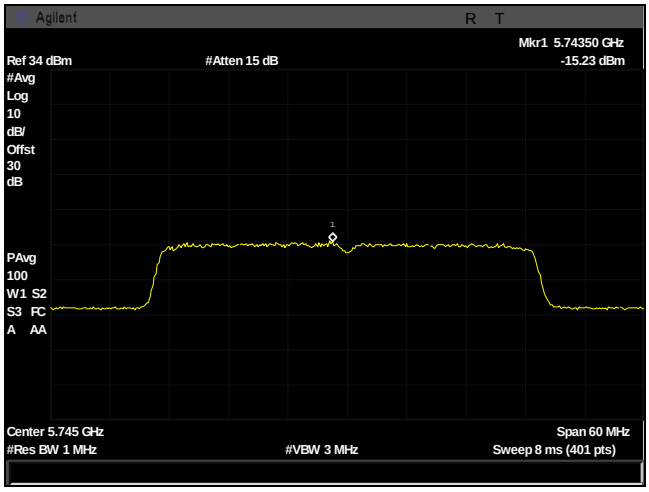
Plot 358. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5370M, 10M



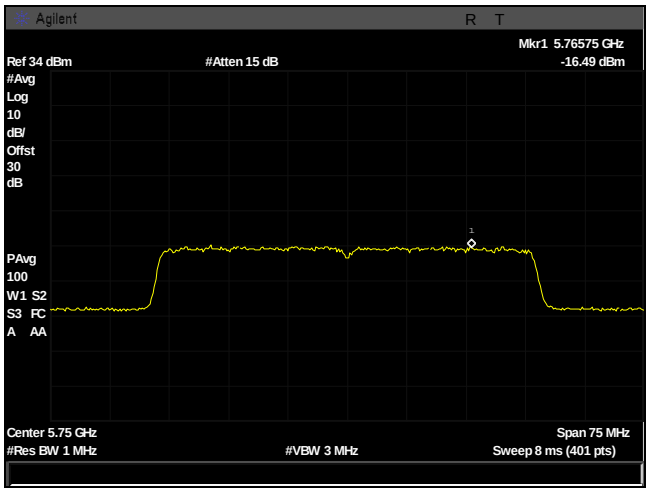
Plot 359. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5735M, 20M



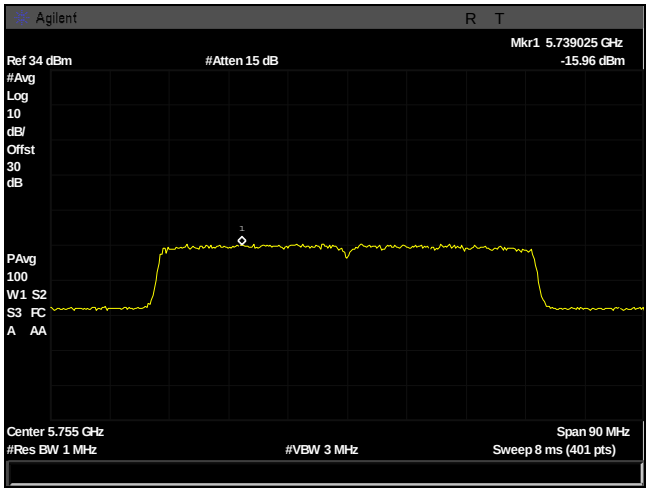
Plot 360. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5740M, 30M



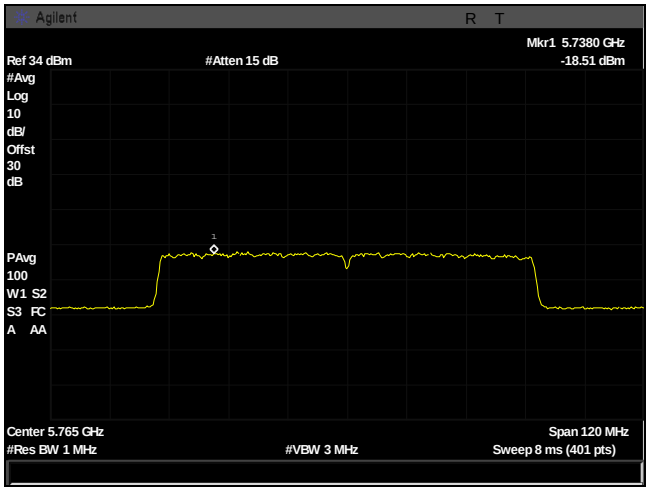
Plot 361. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5745M, 40M



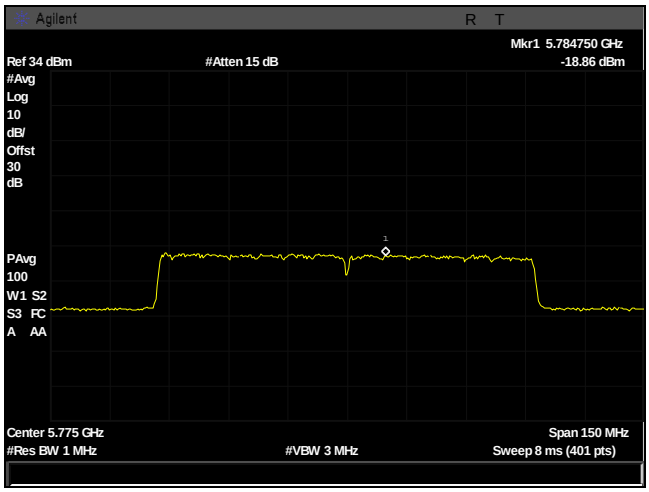
Plot 362. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5750M, 50M



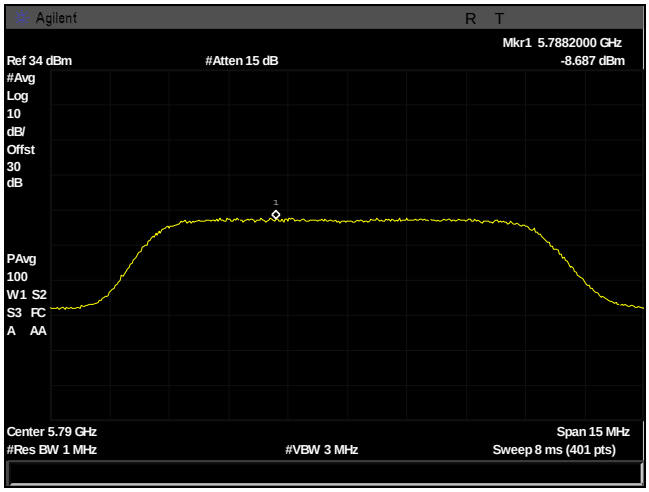
Plot 363. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5755M, 60M



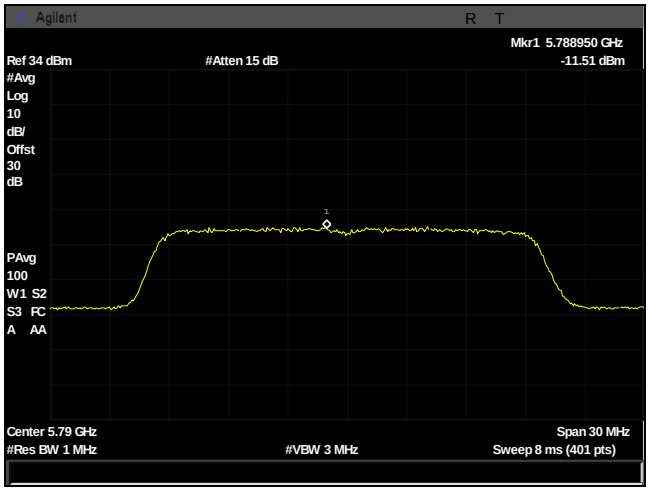
Plot 364. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5765M, 80M



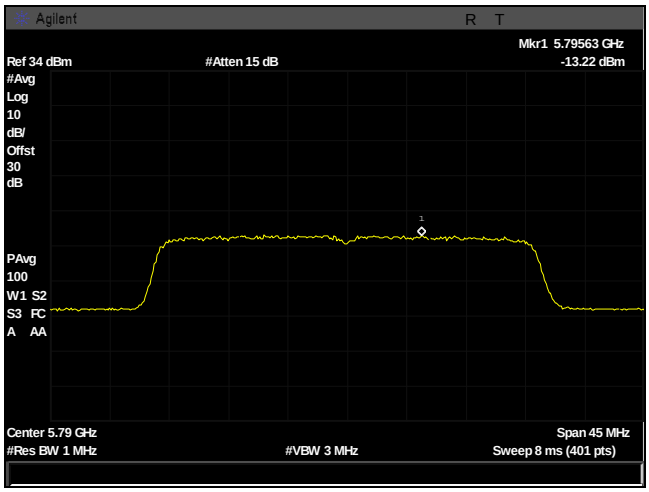
Plot 365. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5775M, 100M



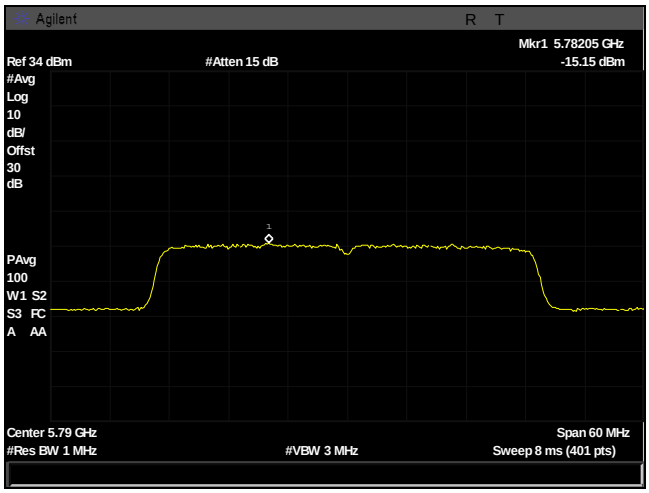
Plot 366. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5790M, 10M



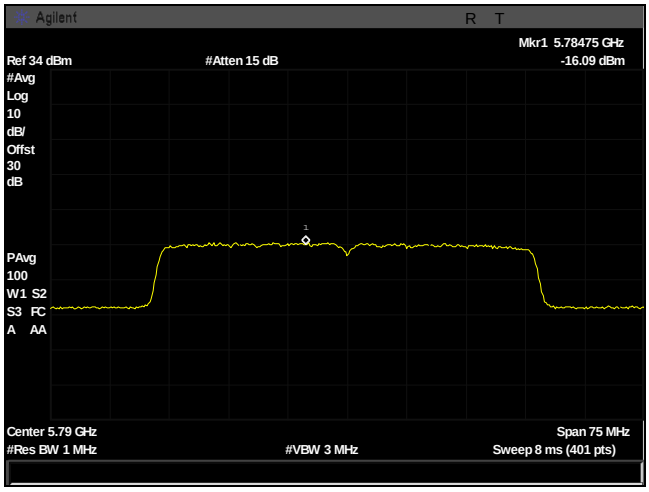
Plot 367. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5790M, 20M



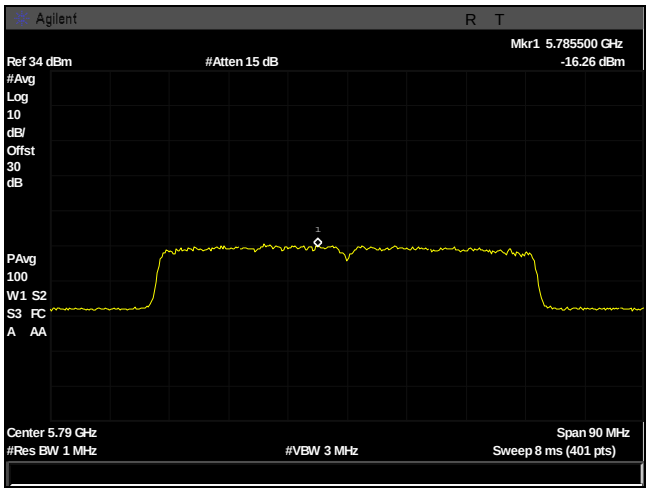
Plot 368. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5790M, 30M



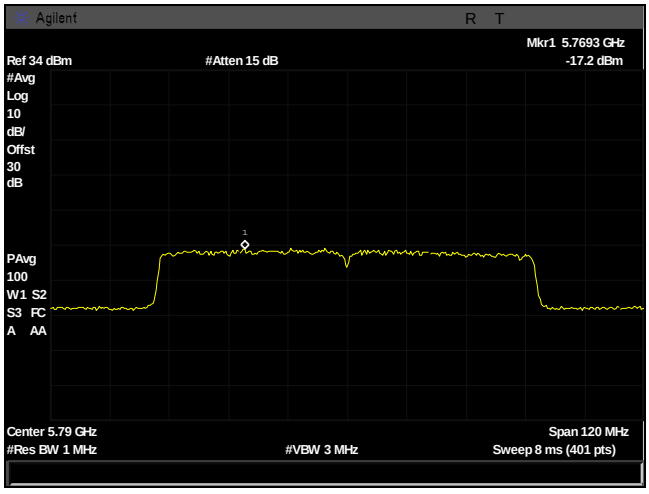
Plot 369. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5790M, 40M



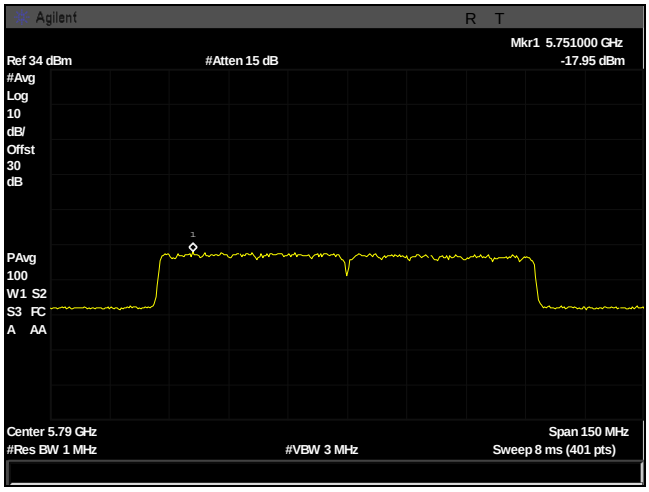
Plot 370. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5790M, 50M



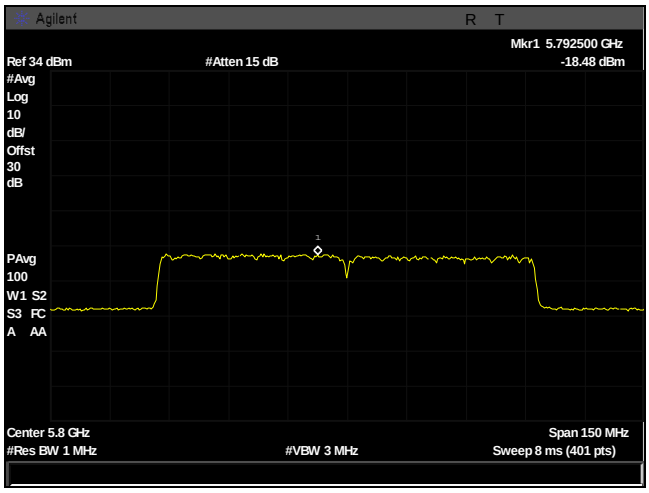
Plot 371. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5790M, 60M



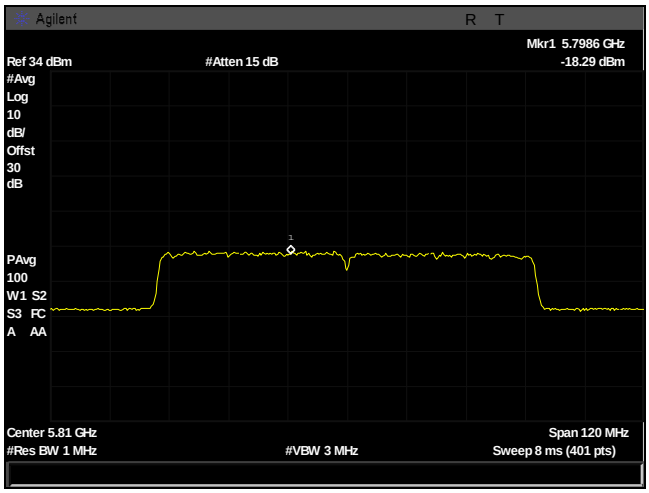
Plot 372. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5790M, 80M



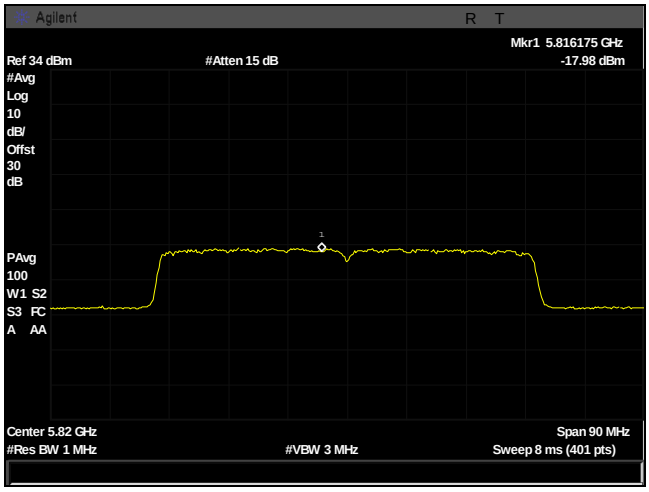
Plot 373. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5790M, 100M



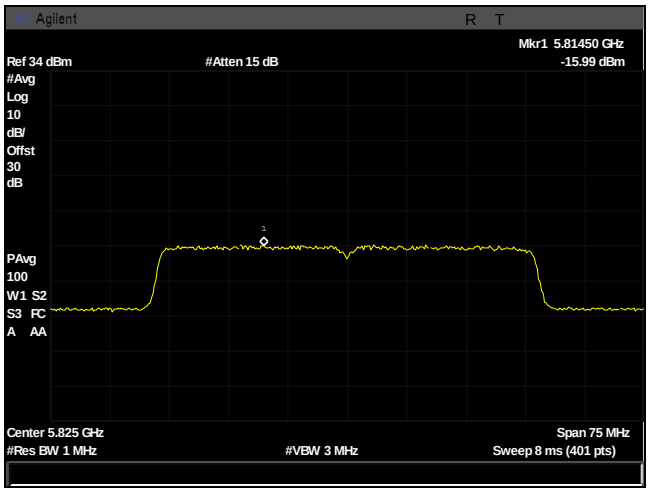
Plot 374. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5800M, 100M



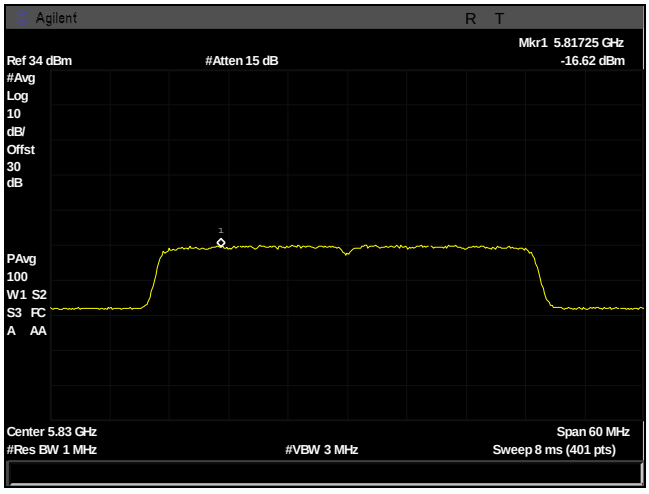
Plot 375. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5810M, 80M



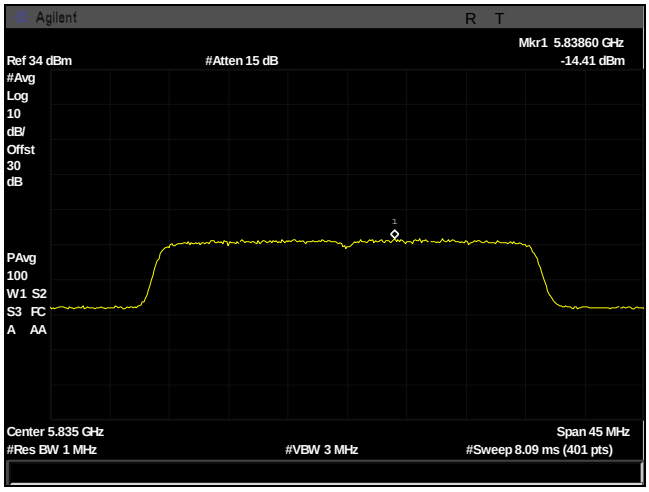
Plot 376. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5820M, 60M



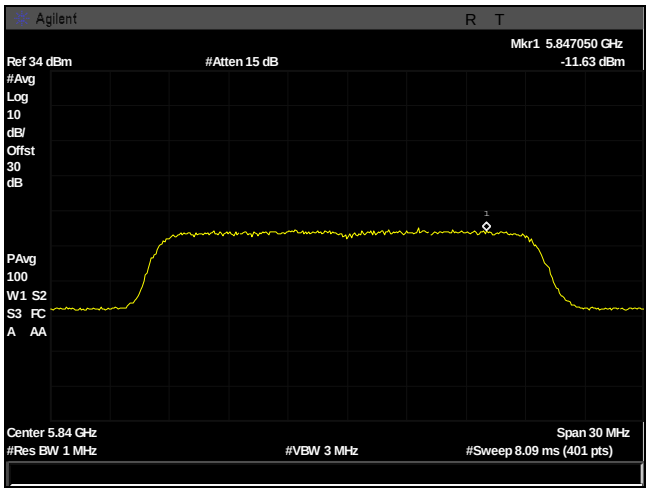
Plot 377. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5825M, 50M



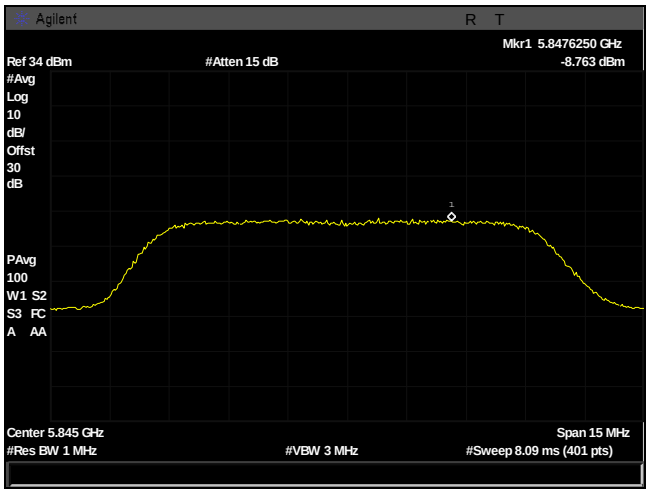
Plot 378. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5830M, 40M



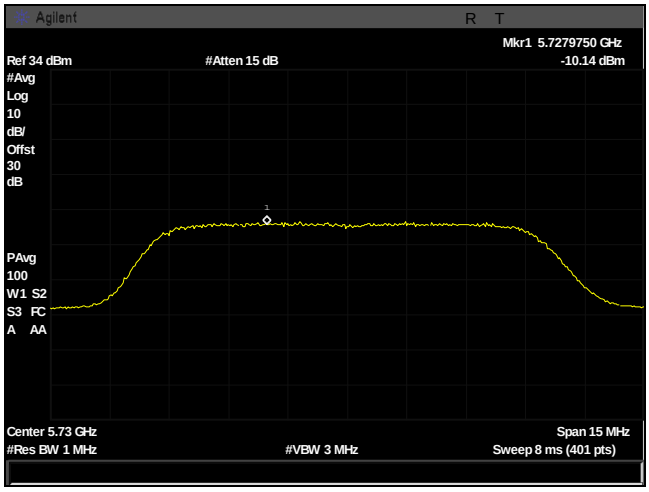
Plot 379. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5835M, 30M



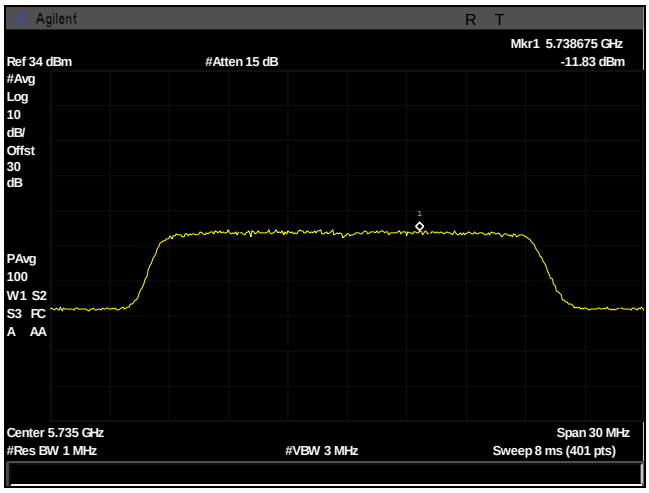
Plot 380. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5840M, 20M



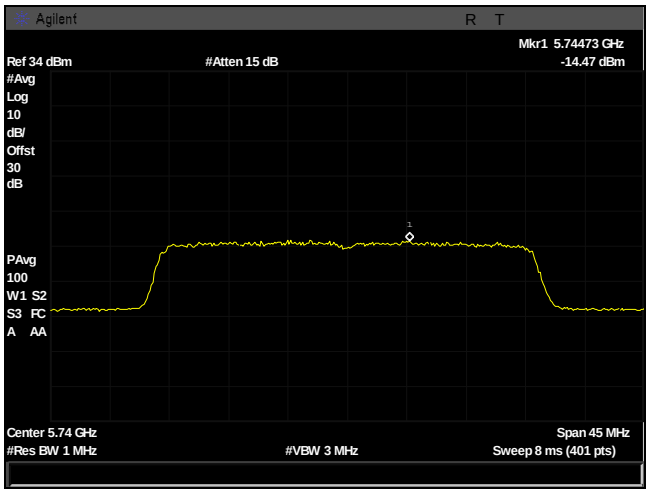
Plot 381. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain0, 5845M, 10M



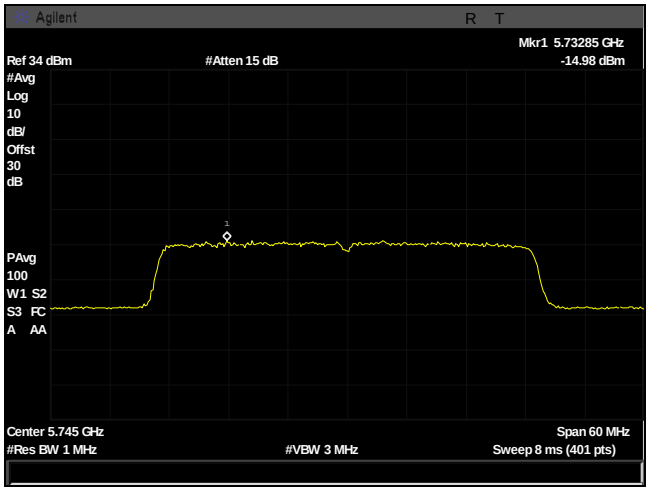
Plot 382. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5730M, 10M



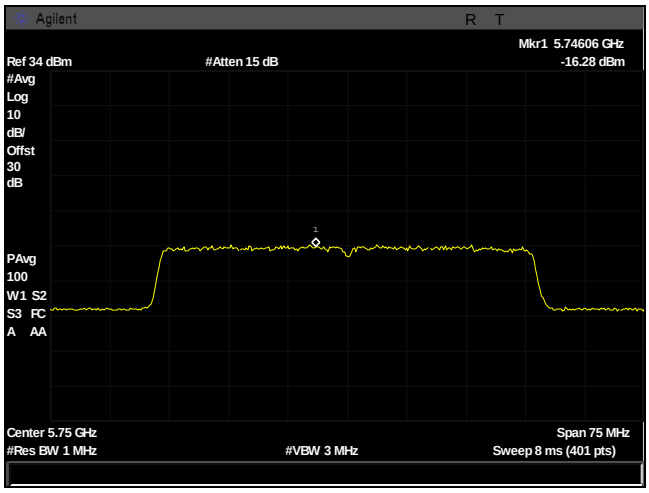
Plot 383. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5735M, 20M



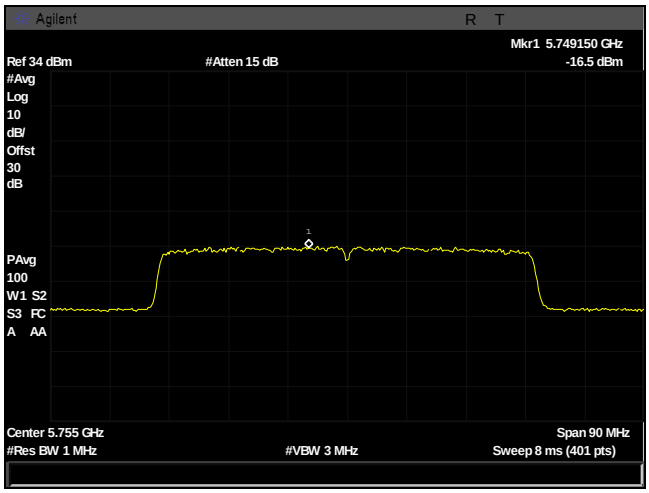
Plot 384. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5740M, 30M



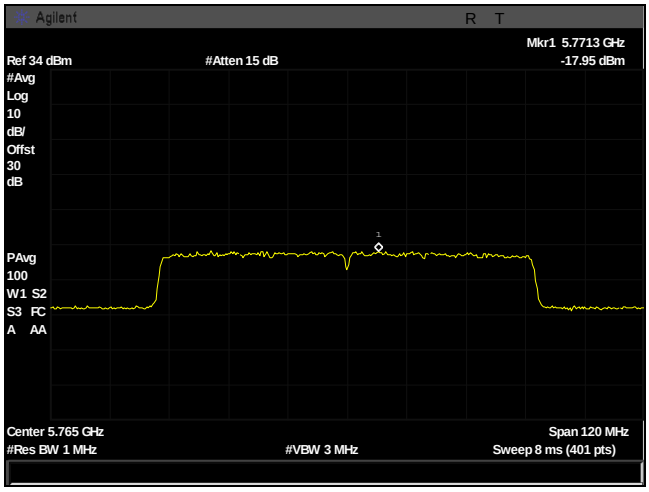
Plot 385. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5745M, 40M



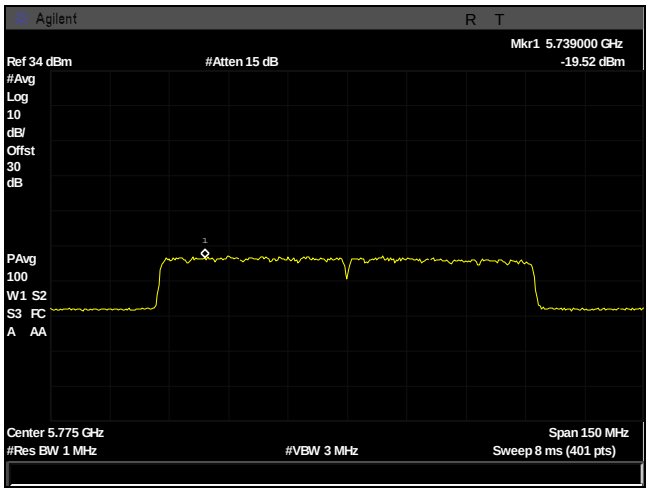
Plot 386. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5750M, 50M



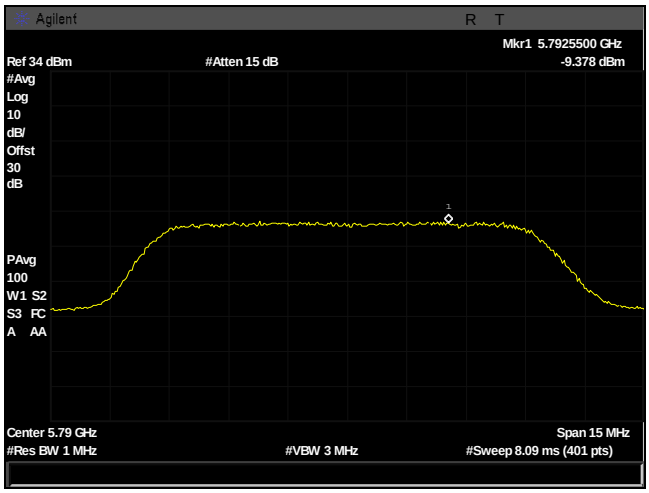
Plot 387. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5755M, 60M



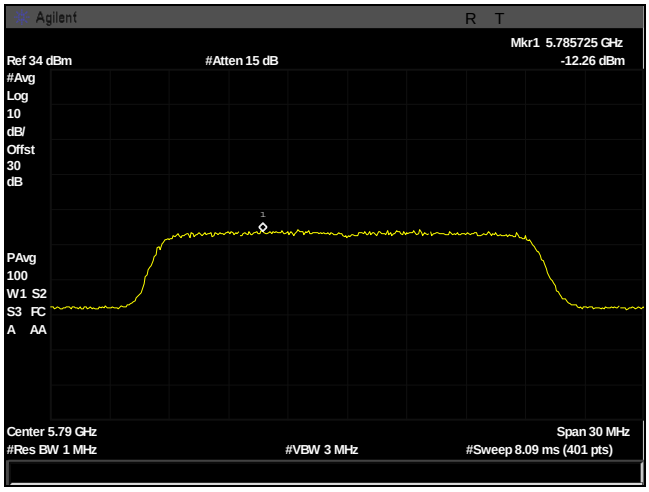
Plot 388. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5765M, 80M



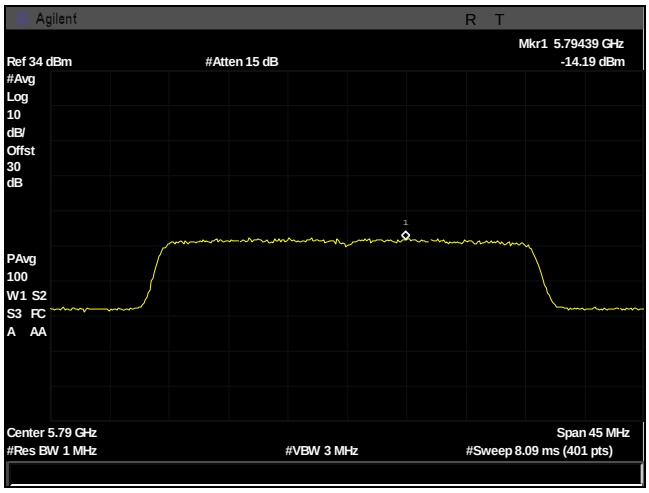
Plot 389. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5775M, 100M



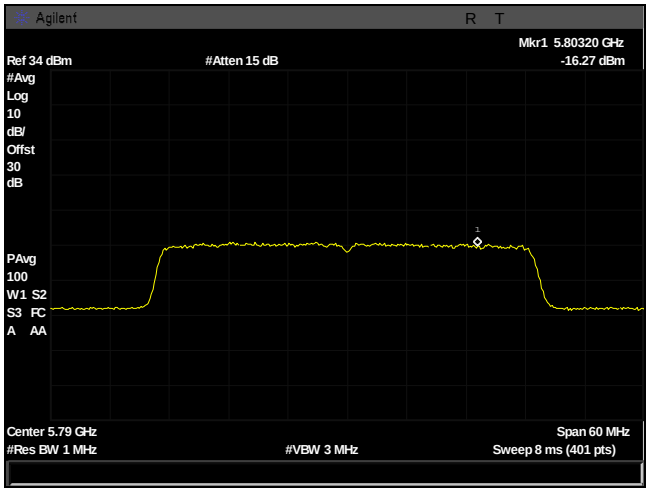
Plot 390. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5790M, 10M



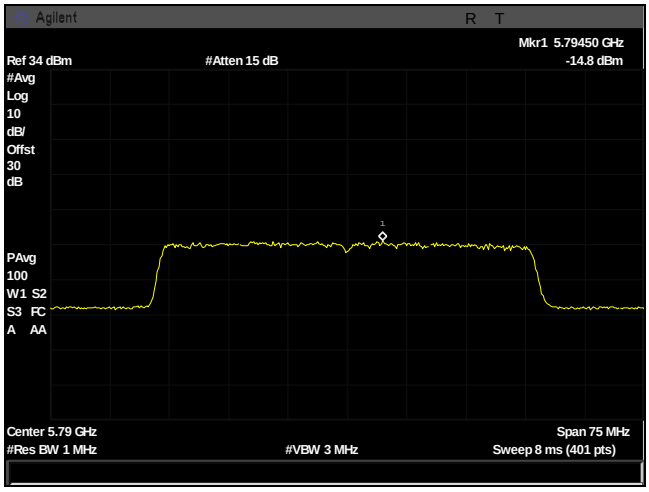
Plot 391. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5790M, 20M



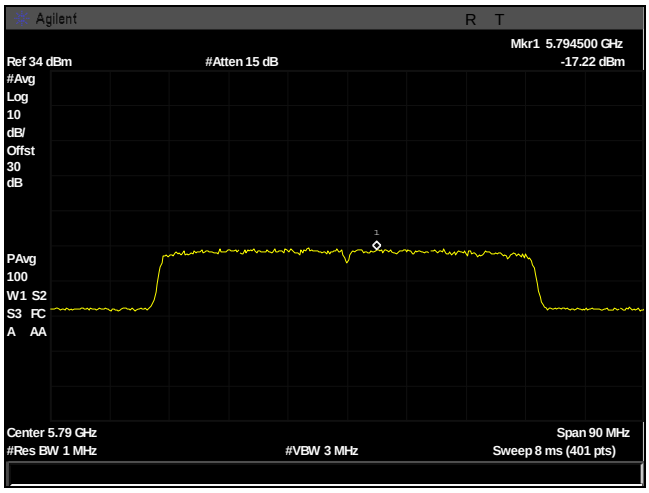
Plot 392. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5790M, 30M



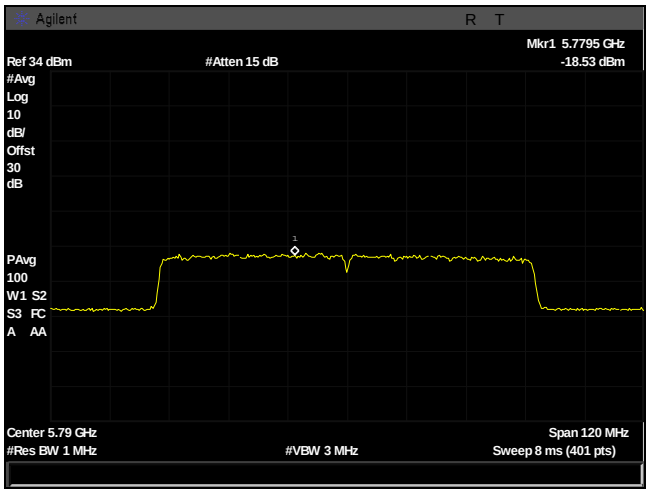
Plot 393. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5790M, 40M



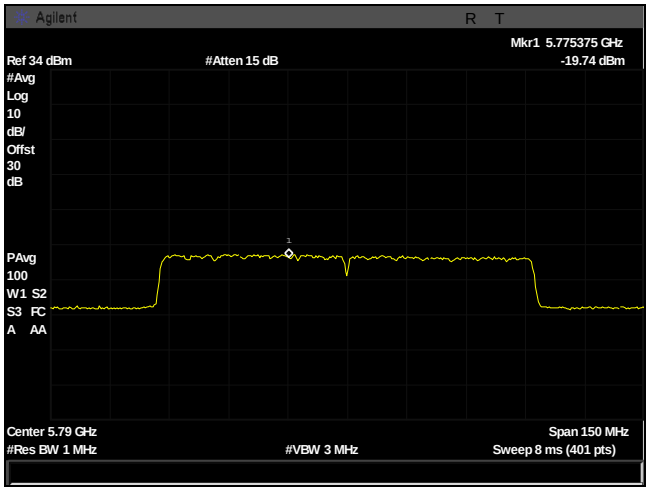
Plot 394. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5790M, 50M



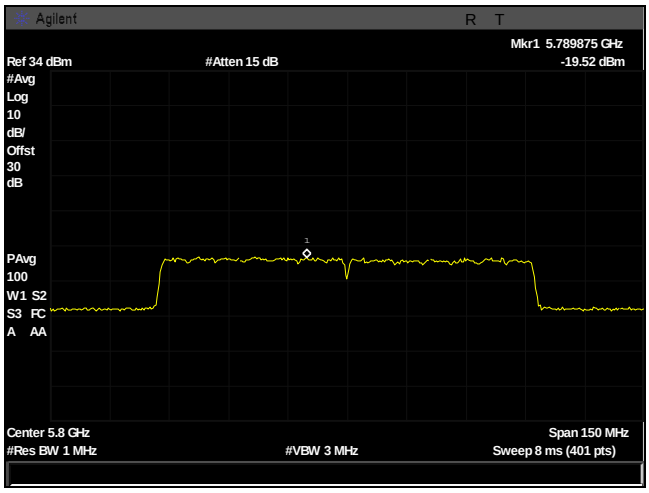
Plot 395. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5790M, 60M



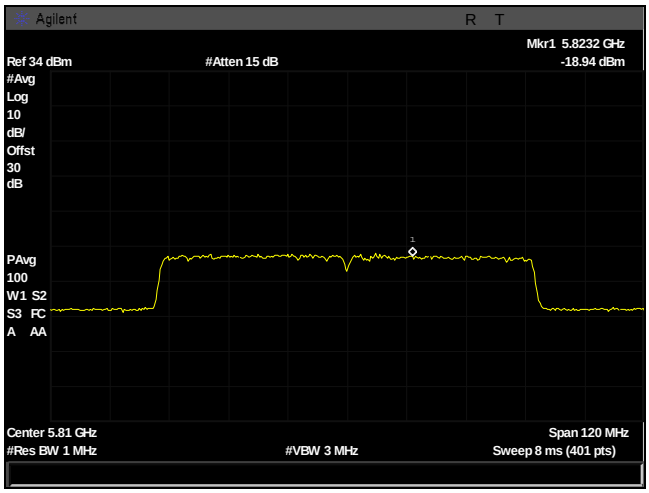
Plot 396. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5790M, 80M



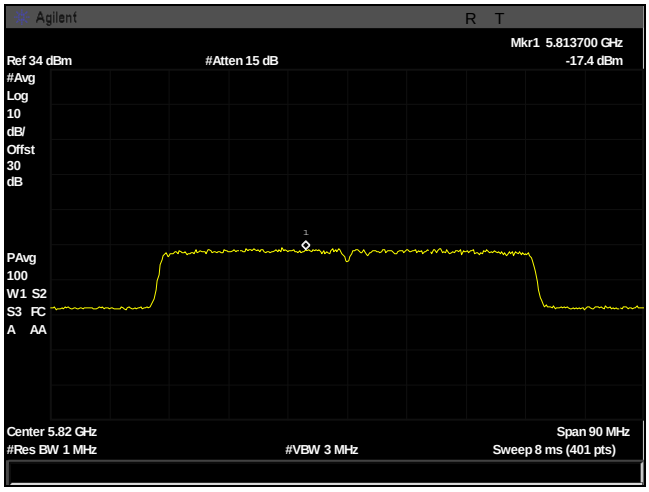
Plot 397. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5790M, 100M



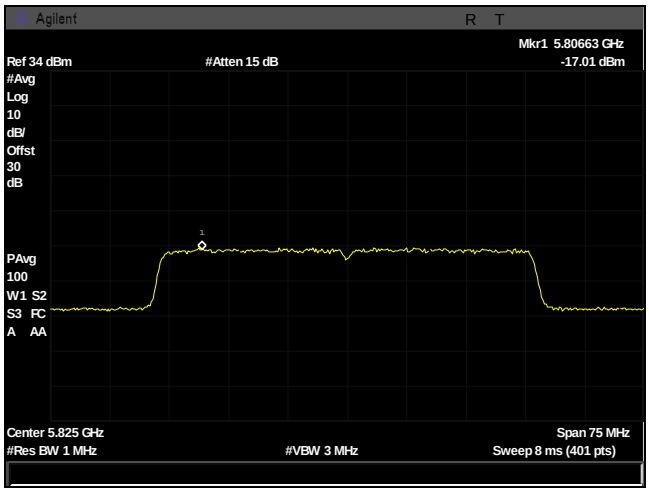
Plot 398. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5800M, 100M



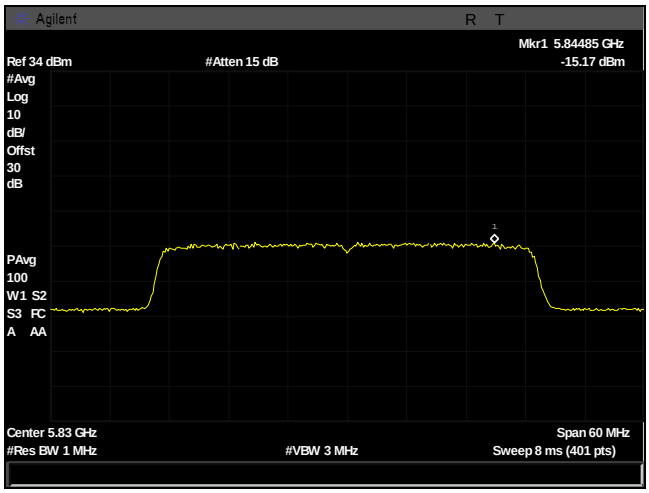
Plot 399. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5810M, 80M



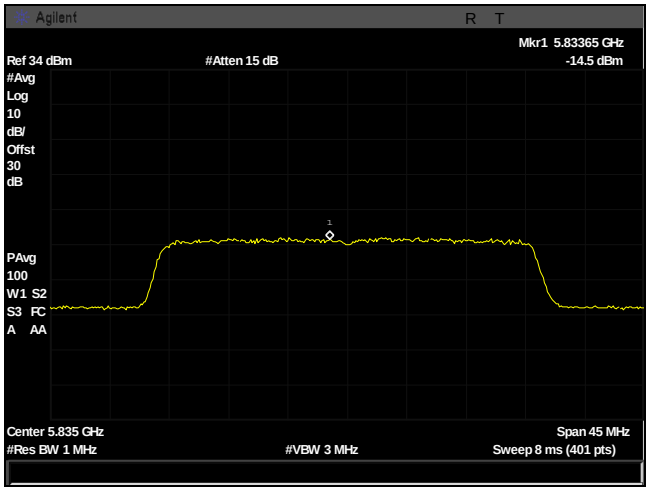
Plot 400. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5820M, 60M



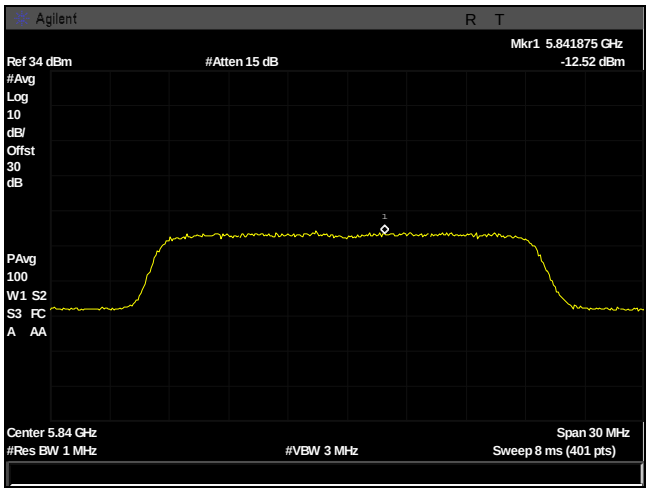
Plot 401. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5825M, 50M



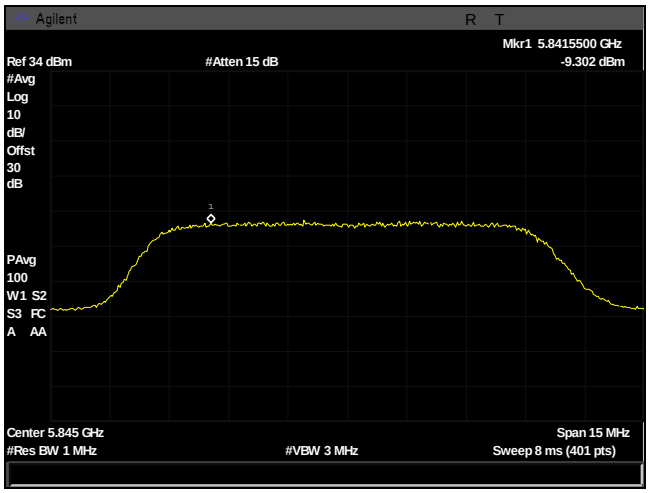
Plot 402. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5830M, 40M



Plot 403. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5835M, 30M



Plot 404. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5840M, 20M



Plot 405. Power Spectral Density, Point-to-Multipoint, 34 dBi, chain1, 5845M, 10M