

TEST REPORT

REPORT NUMBER: B17W00112-WLAN 5.8GHz_Rev2

ON

Type of Equipment: 4G TLE mobile phone
Model Name: A1-901
Manufacturer: SHENZHEN FUTAIHONG PRECISION
INDUSTRY CO.,LTD

ACCORDING TO

FCC Part 15

15.407 General technical requirements.

**ANSI C63.10-2013:American National Standard of Procedures for Compliance Testing of Unlicensed
Wireless Devices**

Chongqing Institute of Telecommunications

Month date, year

Jun, 2, 2017

Signature



Zhang Yan

Director

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of Chongqing Institute of Telecommunications.

FCC ID: 2AK9KA1

Report Date: 2017-05-31

Test Firm Name: Chongqing Institute of Telecommunications

FCC Registration Number: 428018

Statement

The measurements shown in this report were made in accordance with the procedures described on test pages. All reported tests were carried out on a sample equipment to demonstrate limited compliance with FCC CFR 47 Parts 15. The sample tested was found to comply with the requirements defined in the applied rules.

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1 General Information

1.1 Notes

All reported tests were carried out on a sample equipment to demonstrate limited compliance with FCC CFR 47 Parts 15.

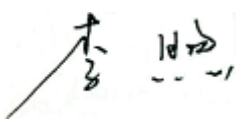
The test results of this test report relate exclusively to the item(s) tested as specified in section 2.

The following deviation from, additions to, or exclusions from the test specifications have been made. See Annex B.


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1.2 Testers

Name: Li Xu
Position: Engineer
Department: Department of RF test
Date: 2017-02-21 to 2017-06-02
Signature: 

Editor of this test report:

Name: Zhou Jin
Position: Engineer
Department: Department of RF test
Date: 2017-06-02
Signature: 

Technical responsibility for area of testing:

Name: Zhang Yan
Position: Manager
Department: Director of the laboratory
Date: 2017-06-02
Signature: 

1.3 Testing Laboratory information

1.3.1 Location

Name: Chongqing Institute of Telecommunications
Address: No. 8, Yuma Road, Chayuan New City, Nan'an District
Chongqing
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1.3.2 Details of accreditation status

Accredited by: -----
Registration number: -----
Standard: -----

1.3.3 Test location, where different from section 1.3.1

Name: -----
Street: -----
City: -----
Country: -----
Telephone: -----
Fax: -----
Postcode: -----

1.4 Details of applicant or manufacturer

1.4.1 Applicant

Name: Cloud Minds(Shenzhen) Holdings Co. Ltd
Address: Room 201 Building A No.1 Qian hai shengang Corporation
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Country: China
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Fax: -----
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1.4.2 Manufacturer (if different from applicant in section 1.4.1)

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CO.,LTD
Address: Office Address Floor 2.Building 3. Zone K1. Foxcon
Technology park, 2ND DONGHUA RD NO.2.LONGHUA
Agency. LONGHUA NEW DISTRICT SHENZHEN
Country: China
Telephone: -----
Fax: -----
Contact: -----
Email: -----

2 Test Item

2.1 General Information

Manufacturer: SHENZHEN FUTAIHONG PRECISION INDUSTRY CO.,LTD
 Type of Equipment: 4G TLE mobile phone
 Model Name: A1-901
 Serial Number: S7/18: 862851030000163/862851030020161
 S15/18: 862851030000175/862851030020177
 Production Status: Product
 Receipt date of test item: 2017-02-21

2.2 Outline of Equipment under Test

The A1-901, referred to as “EUT” hereafter, is a 4G TLE mobile phone, the EUT supports MIMO 2T2X, all transmit signals are completely uncorrelated. The table below shows the supported bands for the EUT.

Technology	Band	Frequency (MHz)	Note
WLAN	Band 1	5180 – 5240	--
	Band 2	5260 – 5320	--
	Band 3	5500 – 5700	--
	Band 4	5745 – 5825	--

2.3 Modifications Incorporated in EUT

The EUT has not been modified from what is described by the brand name and unique type identification stated above.

2.4 Equipment Configuration

Equipment configuration list:

Item	Generic Description	Manufacturer	Type	Serial No.	Remarks
A	Adaptor	None	None	--	None

2.5 Other Information

--

3 Summary of Test Results

A brief summary of the tests carried out is shown as following.

FCC Rules	Name of Test	Result
15.407 (a)	Maximum Peak Output Power	Pass
15.407 (a)	Peak Power Spectral Density	Pass
15. 407 (e)	Occupied Bandwidth	Pass
15. 407 (b)	Band Edges Compliance	Pass
15. 407 (b)	Transmitter Spurious Emission - Conducted	Pass
15. 407 (b)	Transmitter Spurious Emission - Radiated	Pass
15. 407 (b)	AC Powerline Conducted Emission	Pass
Note :--		

4 Test Equipments and Ancillaries Used For Tests

The test equipments and ancillaries used are as follows.

No.	Equipment	Model	SN	Manufacture	Cal. Due Date
1	EMI Test Receiver	ESU26	100367	R&S	2018-03-03
2	Trilog super broadband test antenna	VULB 9163	9163-544	R&S	2017-12-01
3	Double-Ridged Horn Antenna	HF907	100356	R&S	2017-12-01
4	Fully-Anechoic Chamber	11.8m×6.5 m×6.3m	--	ETS	2017-08-19
5	Universal Radio Communication Tester	CMW500	128181	R&S	2018-03-03
6	Signal Generator	SMU200A	104517	R&S	2018-03-03
7	spectrum analyzer	FSQ 26	201137/026	R&S	2018-03-03
8	DC Power Supply	N6705B	MY50000919	Agilent	2017-12-06
9	Test Receiver	ESU40	100350	R&S	2018-03-03

5 Test Results

5.1 Maximum Peak Output Power

Specifications:	FCC Part 15.407 (a)
DUT Serial Number:	S15/18: 862851030000175/862851030020177
Test conditions:	Ambient Temperature:15℃-35℃ Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	Pass

Limit Level Construction:

According to Part 15.407(a)

For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

Note: where “B” is the 26 dB emissions bandwidth in MHz.

Antenna Gain:

Antenna1 gain is 0.5 dBi and the value is supplied by the applicant or manufacturer.

Antenna2 gain is 0.5 dBi and the value is supplied by the applicant or manufacturer.

Note:

The MIMO test requirement, RF conducted output power shall measure each transmitter chain by using channel power method.

And after obtain each individual transmitter chain power, then sum the output power.

5.1.1 802.11a Conducted RF Power Output Results

Mode	ANT	Frequency (MHz)	Channel	Maximum output power(rms) (dBm)
802.11a	1	5180	36	16.99
		5200	40	16.99
		5220	44	17.10
		5240	48	17.63
		5260	52	17.60
		5280	56	17.51
		5300	60	17.53
		5320	64	17.49
		5500	100	17.41
		5580	116	17.00
		5700	140	16.74
		5745	149	16.95
		5785	157	16.87
		5825	165	16.88

Mode	ANT	Frequency (MHz)	Channel	Maximum output power(rms) (dBm)
802.11a	2	5180	36	8.11
		5200	40	7.72
		5220	44	7.72
		5240	48	7.73
		5260	52	8.09
		5280	56	8.20
		5300	60	8.87
		5320	64	8.98
		5500	100	8.01
		5580	116	9.09
		5700	140	8.86
		5745	149	7.43
		5785	157	8.06
		5825	165	7.64

5.1.2 802.11n 20MHz Conducted RF Power Output Results

Mode	ANT	Frequency (MHz)	Channel	Maximum output power(rms) (dBm)
802.11n (20MHz)	1	5180	36	16.88
		5200	40	16.83
		5220	44	16.98
		5240	48	17.43
		5260	52	17.45
		5280	56	17.31
		5300	60	17.35
		5320	64	17.30
		5500	100	17.19
		5580	116	16.80
		5700	140	16.55
		5745	149	16.76
		5785	157	16.71
		5825	165	16.70

Mode	ANT	Frequency (MHz)	Channel	Maximum output power(rms) (dBm)
802.11n (20MHz)	2	5180	36	8.04
		5200	40	7.66
		5220	44	7.66
		5240	48	7.70
		5260	52	7.99
		5280	56	8.10
		5300	60	8.73
		5320	64	8.90
		5500	100	7.88
		5580	116	8.96
		5700	140	8.75
		5745	149	7.34
		5785	157	7.98
		5825	165	7.56

Mode	ANT	Frequency (MHz)	Channel	Maximum output power(rms) (dBm)
802.11n (20MHz)	1+2	5180	36	17.42
		5200	40	17.32
		5220	44	17.46
		5240	48	17.87
		5260	52	17.92
		5280	56	17.80
		5300	60	17.91
		5320	64	17.89
		5500	100	17.67
		5580	116	17.47
		5700	140	17.22
		5745	149	17.23
		5785	157	17.26
		5825	165	17.20

5.1.3 802.11n 40MHz Conducted RF Power Output Results

Mode	ANT	Frequency (MHz)	Channel	Maximum output power(rms) (dBm)
802.11n (40MHz)	1	5190	38	17.39
		5230	46	17.81
		5270	54	17.89
		5310	62	17.87
		5510	102	17.74
		5550	110	17.62
		5670	134	17.29
		5755	151	17.27
		5795	159	17.30

Mode	ANT	Frequency (MHz)	Channel	Maximum output power(rms) (dBm)
802.11n (40MHz)	2	5190	38	8.40
		5230	46	8.18
		5270	54	8.51
		5310	62	9.31
		5510	102	8.36
		5550	110	8.82
		5670	134	9.78
		5755	151	7.95
		5795	159	8.78

Mode	ANT	Frequency (MHz)	Channel	Maximum output power(rms) (dBm)
802.11n (40MHz)	1+2	5190	38	17.90
		5230	46	18.26
		5270	54	18.36
		5310	62	18.43
		5510	102	18.22
		5550	110	18.16
		5670	134	18.00
		5755	151	17.75
		5795	159	17.87

5.1.4 802.11ac 20MHz Conducted RF Power Output Results

Mode	ANT	Frequency (MHz)	Channel	Maximum output power(rms) (dBm)
802.11ac (20MHz)	1	5180	36	16.80
		5200	40	16.91
		5220	44	17.00
		5240	48	17.52
		5260	52	17.50
		5280	56	17.45
		5300	60	17.44
		5320	64	17.39
		5500	100	17.23
		5580	116	16.93
		5700	140	16.67
		5745	149	16.84
		5785	157	16.86
		5825	165	16.80

Mode	ANT	Frequency (MHz)	Channel	Maximum output power(rms) (dBm)
802.11ac (20MHz)	2	5180	36	8.04
		5200	40	7.65
		5220	44	7.63
		5240	48	7.64
		5260	52	7.96
		5280	56	8.05
		5300	60	8.83
		5320	64	8.86
		5500	100	7.89
		5580	116	8.96
		5700	140	8.73
		5745	149	7.31
		5785	157	7.94
		5825	165	7.55

Mode	ANT	Frequency (MHz)	Channel	Maximum output power(rms) (dBm)
802.11ac (20MHz)	1+2	5180	36	17.35
		5200	40	17.40
		5220	44	17.47
		5240	48	17.95
		5260	52	17.96
		5280	56	17.92
		5300	60	18.00
		5320	64	17.96
		5500	100	17.71
		5580	116	17.57
		5700	140	17.32
		5745	149	17.30
		5785	157	17.38
		5825	165	17.29

5.1.5 802.11ac 40MHz Conducted RF Power Output Results

Mode	ANT	Frequency (MHz)	Channel	Maximum output power(rms) (dBm)
802.11ac (40MHz)	1	5190	38	17.47
		5230	46	17.89
		5270	54	17.92
		5310	62	17.89
		5510	102	17.76
		5550	110	17.61
		5670	134	17.36
		5755	151	17.36
		5795	159	17.28

Mode	ANT	Frequency (MHz)	Channel	Maximum output power(rms) (dBm)
802.11ac (40MHz)	2	5190	38	8.53
		5230	46	8.25
		5270	54	8.58
		5310	62	9.34
		5510	102	8.40
		5550	110	8.84
		5670	134	9.79
		5755	151	7.95
		5795	159	8.82

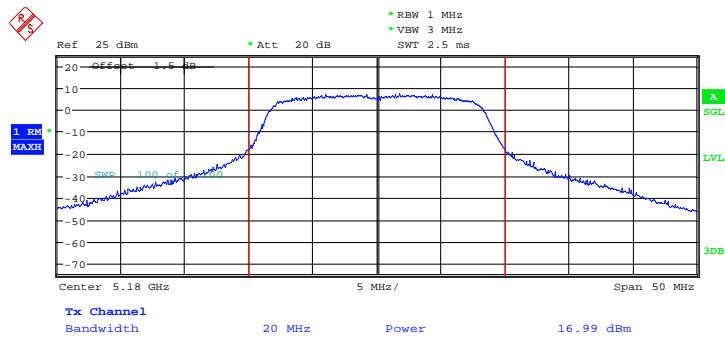
Mode	ANT	Frequency (MHz)	Channel	Maximum output power(rms) (dBm)
802.11ac (40MHz)	1+2	5190	38	17.99
		5230	46	18.34
		5270	54	18.39
		5310	62	18.46
		5510	102	18.23
		5550	110	18.16
		5670	134	18.06
		5755	151	17.83
		5795	159	17.86

5.1.6 802.11ac 80MHz Conducted RF Power Output Results

Mode	ANT	Frequency (MHz)	Channel	Maximum output power(rms) (dBm)
802.11ac (80MHz)	1	5210	42	17.68
		5290	58	17.76
		5530	106	17.46
		5690	138	17.24
		5775	155	17.27

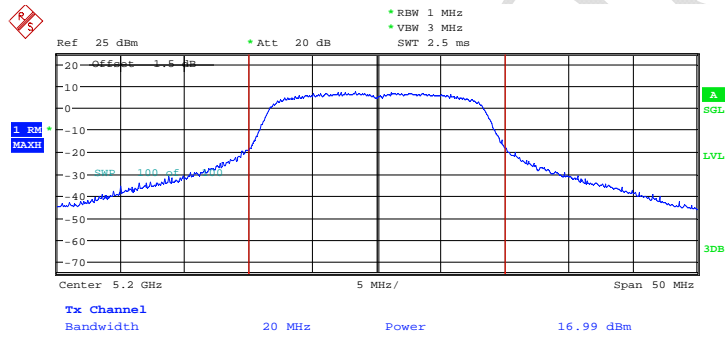
Mode	ANT	Frequency (MHz)	Channel	Maximum output power(rms) (dBm)
802.11ac (80MHz)	2	5210	42	8.37
		5290	58	8.64
		5530	106	8.37
		5690	138	9.42
		5775	155	8.08

Mode	ANT	Frequency (MHz)	Channel	Maximum output power(rms) (dBm)
802.11ac (80MHz)	1+2	5210	42	18.19
		5290	58	18.23
		5530	106	18.09
		5690	138	17.74
		5775	155	17.27



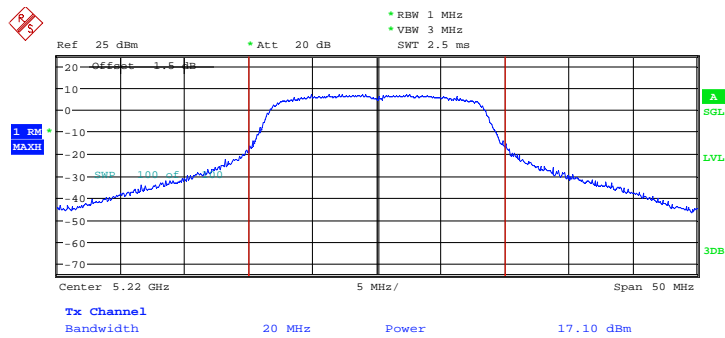
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Fig. 1 Conducted Output Power 802.11a ANT1 CH36



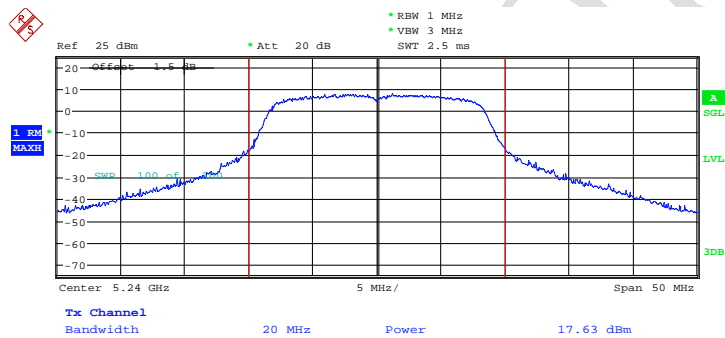
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Fig. 2 Conducted Output Power 802.11a ANT1 CH40



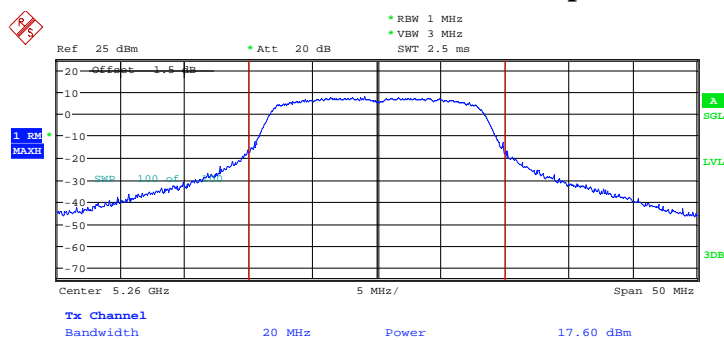
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Fig. 3 Conducted Output Power 802.11a ANT1 CH44



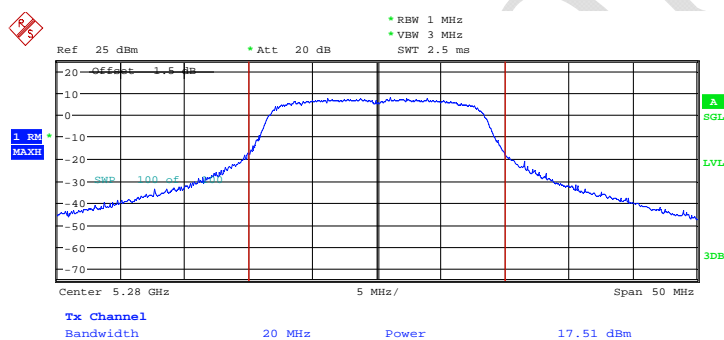
Date: 16.MAR.2017 20:22:42

Fig. 4 Conducted Output Power 802.11a ANT1 CH48



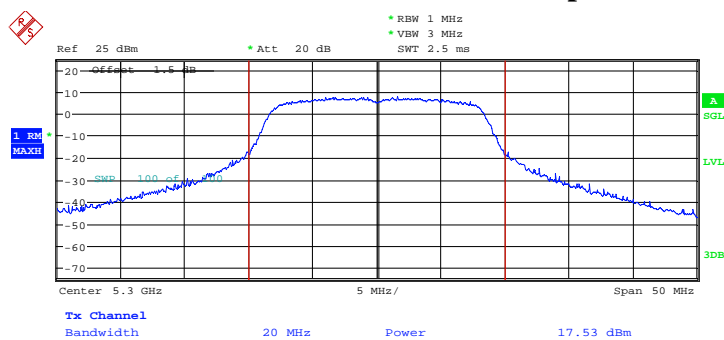
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Fig. 5 Conducted Output Power 802.11a ANT1 CH52



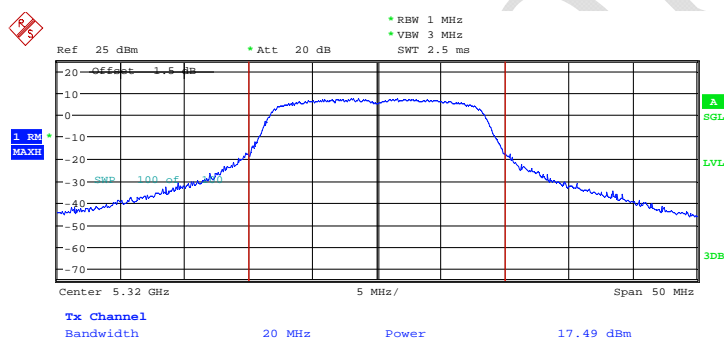
Date: 16.MAR.2017 20:25:06

Fig. 6 Conducted Output Power 802.11a ANT1 CH56



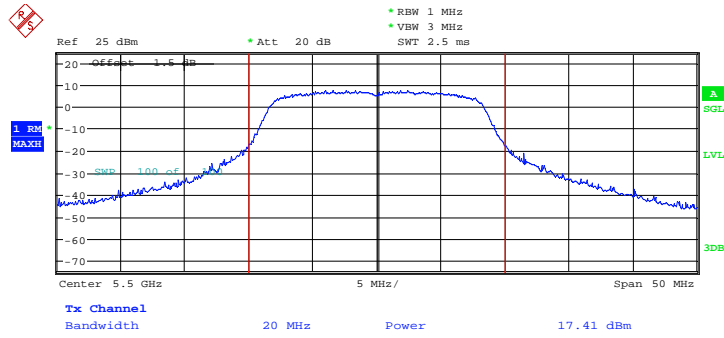
Date: 16.MAR.2017 20:25:36

Fig. 7 Conducted Output Power 802.11a ANT1 CH60



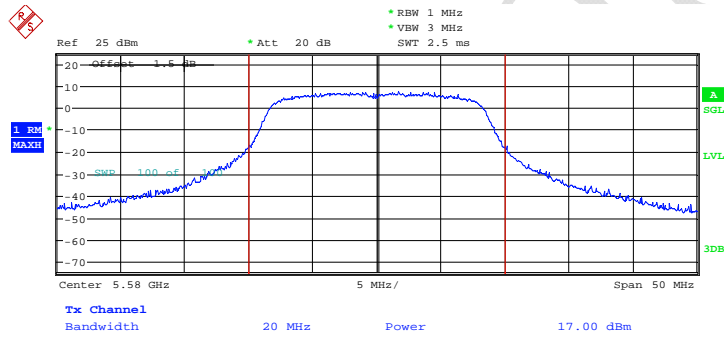
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Fig. 8 Conducted Output Power 802.11a ANT1 CH64



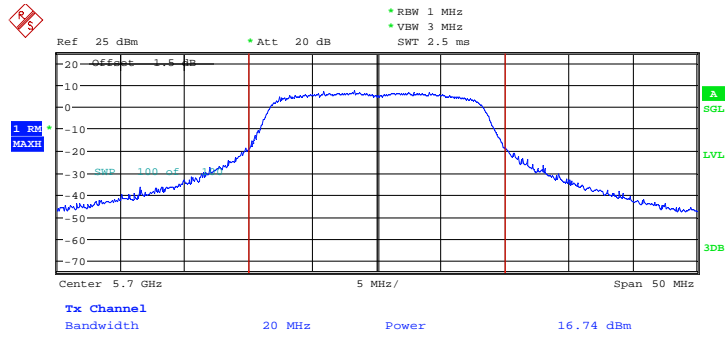
Date: 16.MAR.2017 20:30:27

Fig. 9 Conducted Output Power 802.11a ANT1 CH100



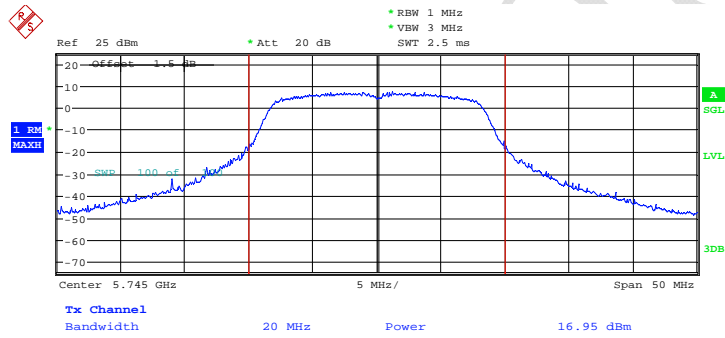
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Fig. 10 Conducted Output Power 802.11a ANT1 CH116



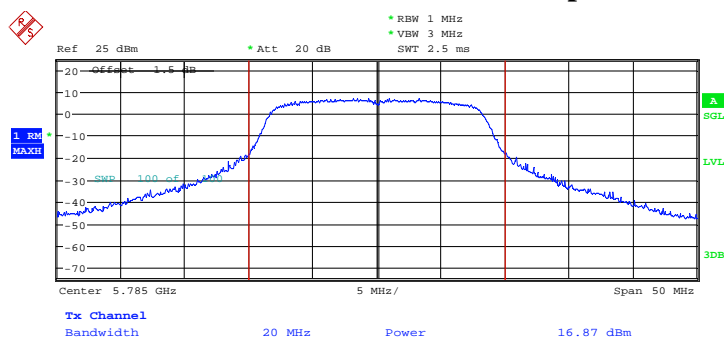
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Fig. 11 Conducted Output Power 802.11a ANT1 CH140



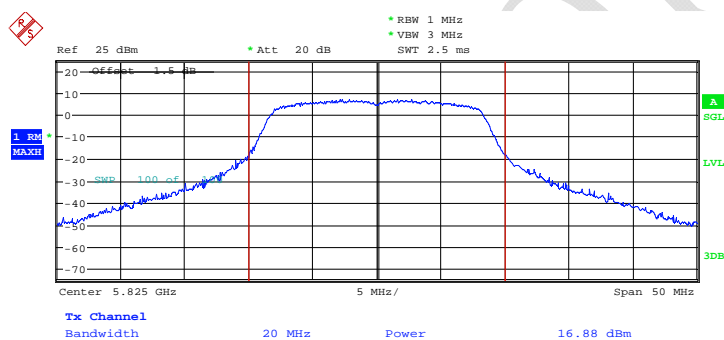
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Fig. 12 Conducted Output Power 802.11a ANT1 CH149



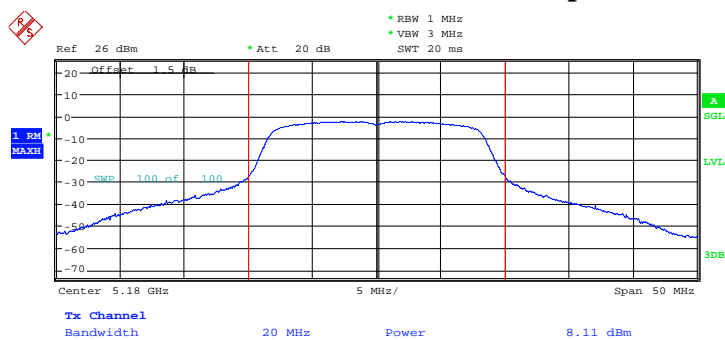
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Fig. 13 Conducted Output Power 802.11a ANT1 CH157



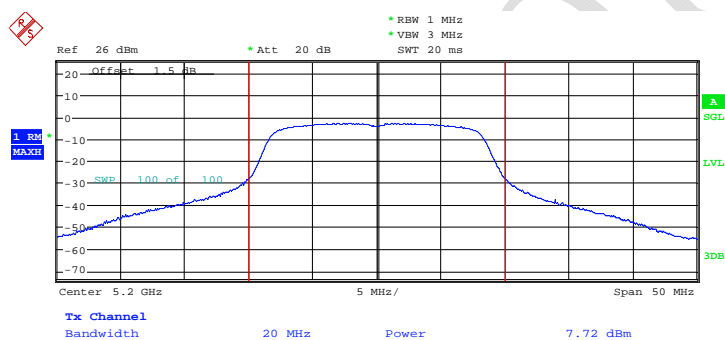
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Fig. 14 Conducted Output Power 802.11a ANT1 CH165



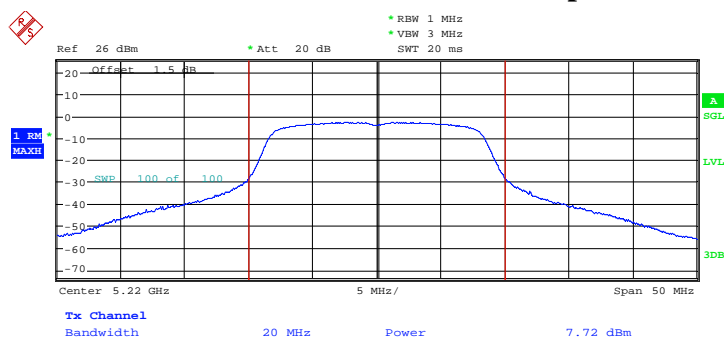
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Fig. 15 Conducted Output Power 802.11a ANT2 CH36



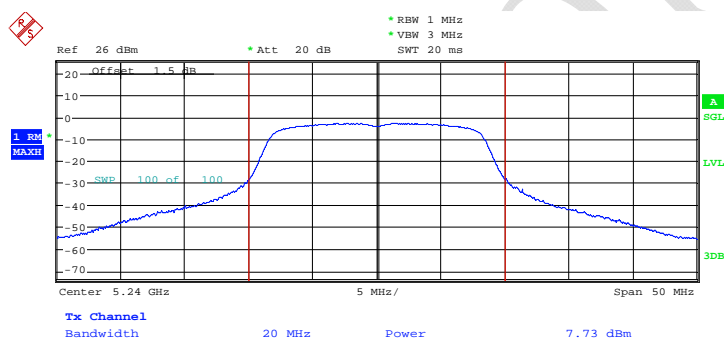
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Fig. 16 Conducted Output Power 802.11a ANT2 CH40



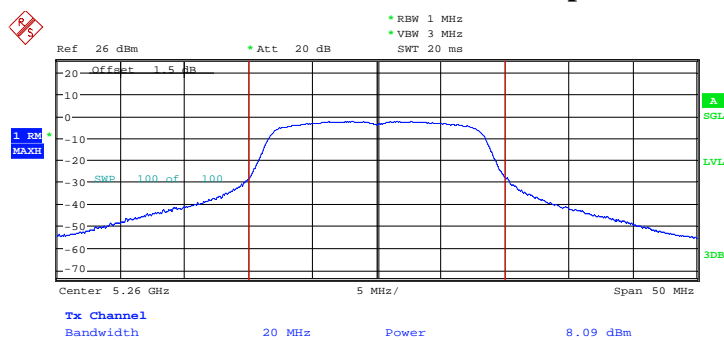
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Fig. 17 Conducted Output Power 802.11a ANT2 CH44



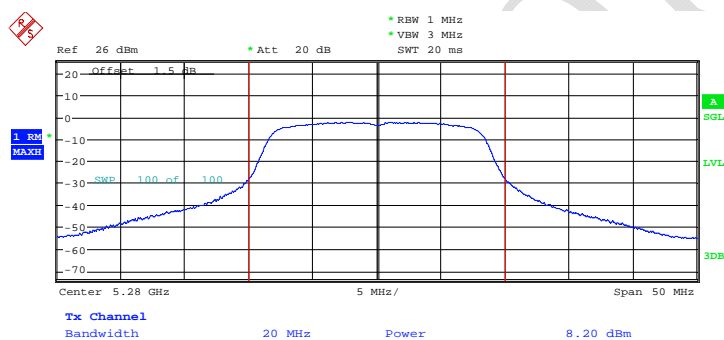
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Fig. 18 Conducted Output Power 802.11a ANT2 CH48



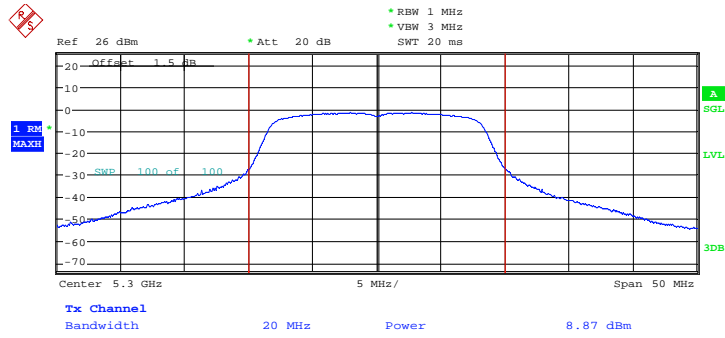
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Fig. 19 Conducted Output Power 802.11a ANT2 CH52



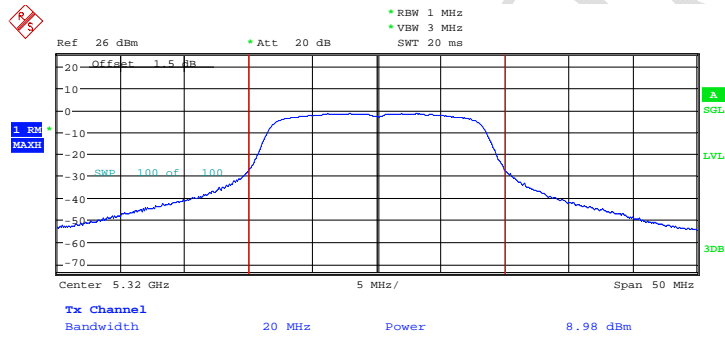
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Fig. 20 Conducted Output Power 802.11a ANT2 CH56



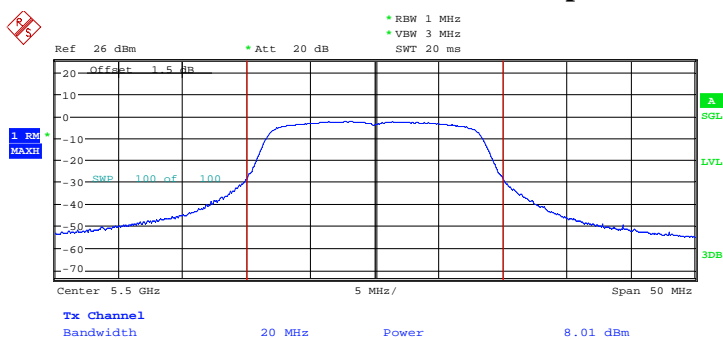
Date: 20.MAR.2017 09:13:37

Fig. 21 Conducted Output Power 802.11a ANT2 CH60



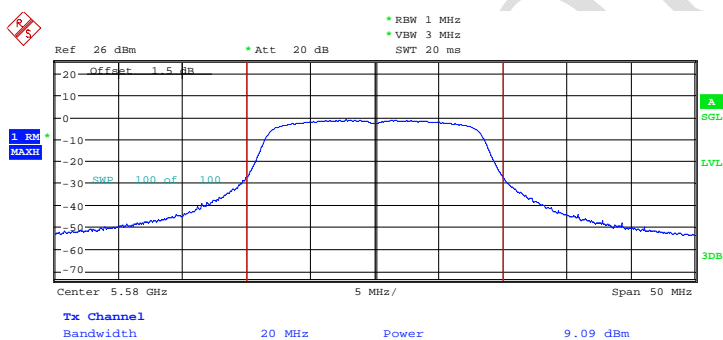
Date: 20.MAR.2017 09:14:05

Fig. 22 Conducted Output Power 802.11a ANT2 CH64



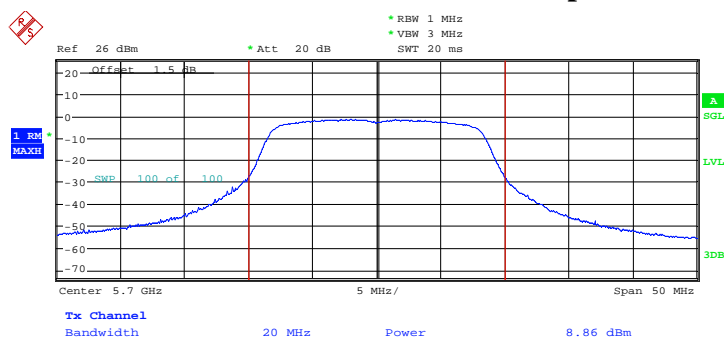
Date: 20.MAR.2017 09:14:32

Fig. 23 Conducted Output Power 802.11a ANT2 CH100



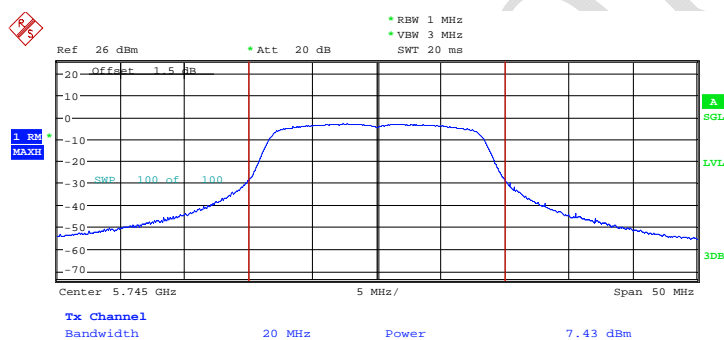
Date: 20.MAR.2017 09:14:57

Fig. 24 Conducted Output Power 802.11a ANT2 CH116



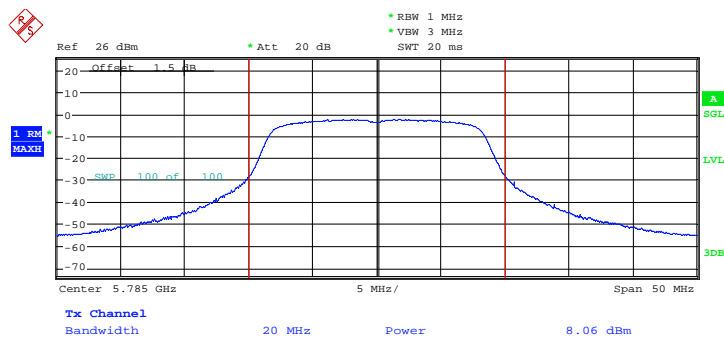
Date: 20.MAR.2017 09:15:26

Fig. 25 Conducted Output Power 802.11a ANT2 CH140



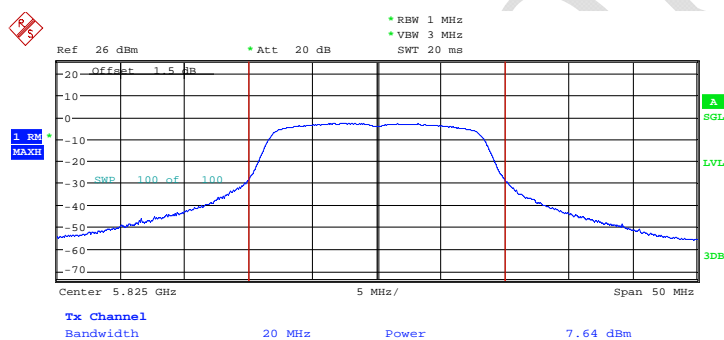
Date: 20.MAR.2017 09:15:52

Fig. 26 Conducted Output Power 802.11a ANT2 CH149



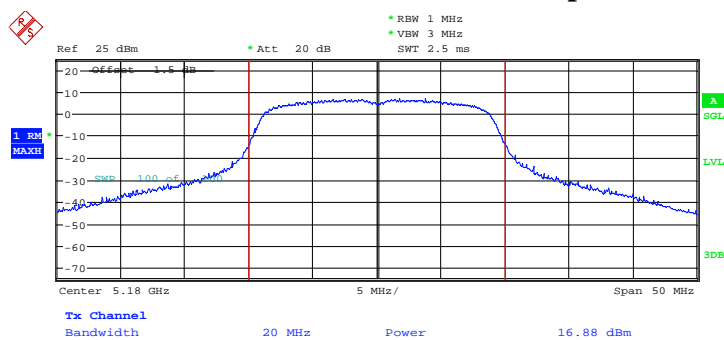
Date: 20.MAR.2017 09:18:35

Fig. 27 Conducted Output Power 802.11a ANT2 CH157



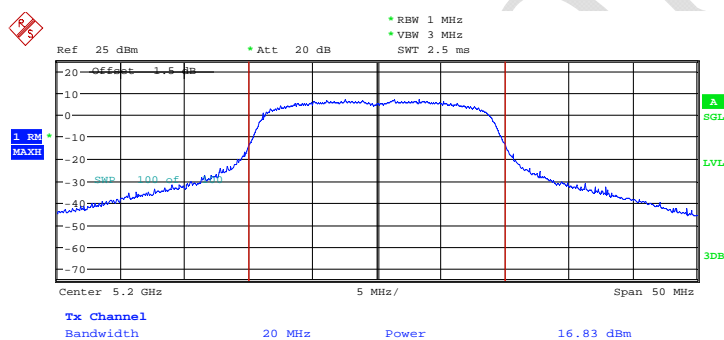
Date: 20.MAR.2017 09:19:01

Fig. 28 Conducted Output Power 802.11a ANT2 CH165



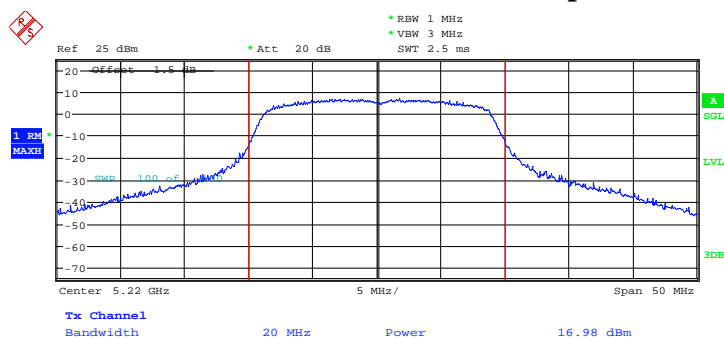
Date: 16.MAR.2017 20:40:45

Fig. 29 Conducted Output Power 802.11n 20MHz ANT1 CH36



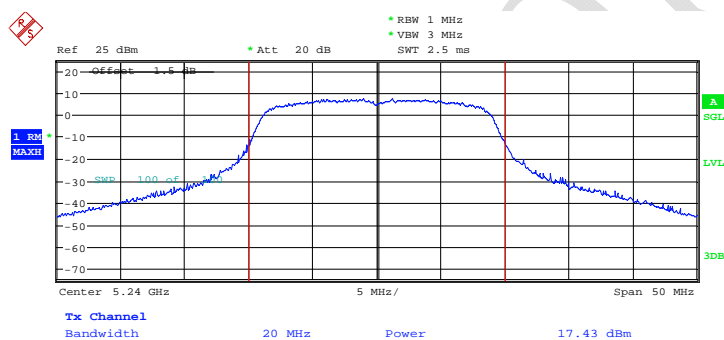
Date: 16.MAR.2017 20:41:21

Fig. 30 Conducted Output Power 802.11n 20MHz ANT1 CH40



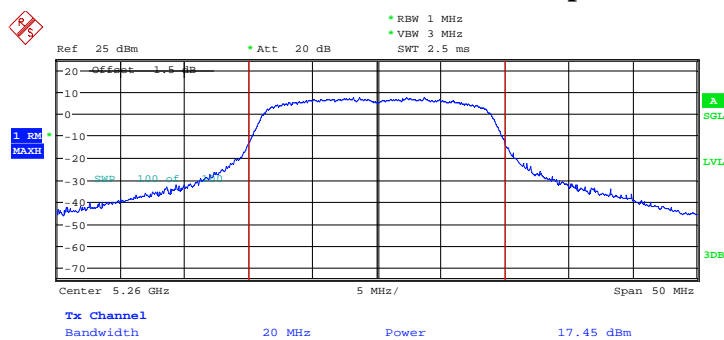
Date: 16.MAR.2017 20:41:52

Fig. 31 Conducted Output Power 802.11n 20MHz ANT1 CH44



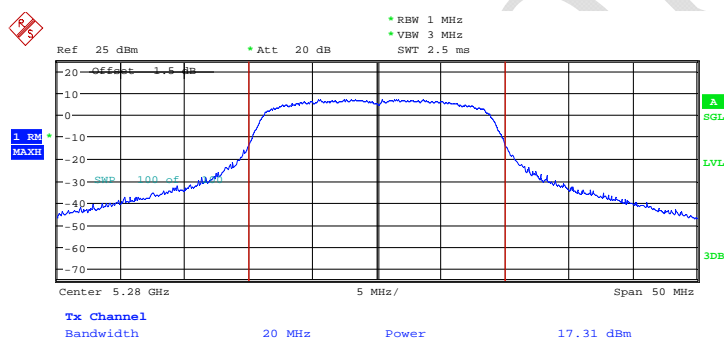
Date: 16.MAR.2017 20:42:23

Fig. 32 Conducted Output Power 802.11n 20MHz ANT1 CH48



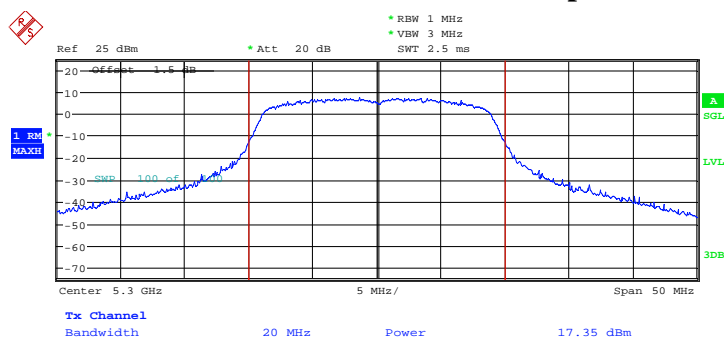
Date: 16.MAR.2017 20:43:08

Fig. 33 Conducted Output Power 802.11n 20MHz ANT1 CH52



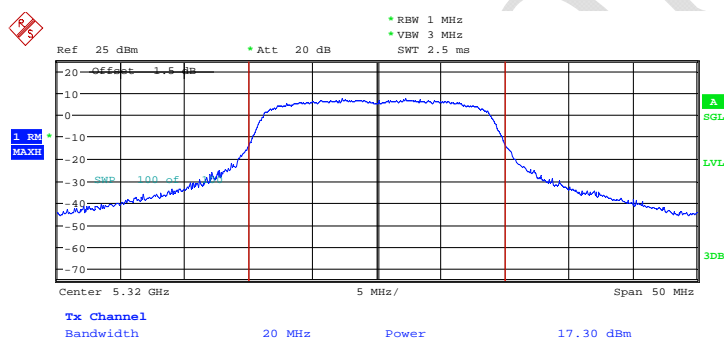
Date: 16.MAR.2017 20:43:38

Fig. 34 Conducted Output Power 802.11n 20MHz ANT1 CH56



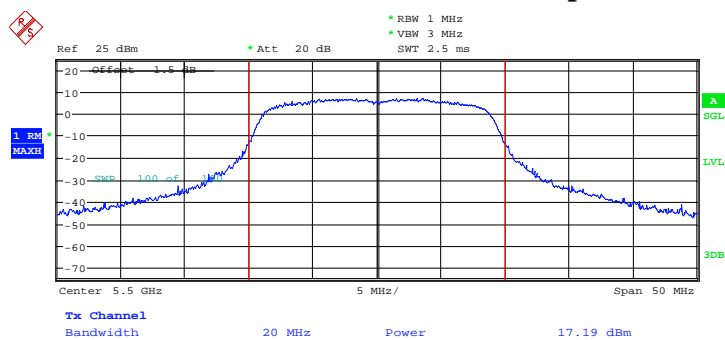
Date: 16.MAR.2017 20:44:13

Fig. 35 Conducted Output Power 802.11n 20MHz ANT1 CH60



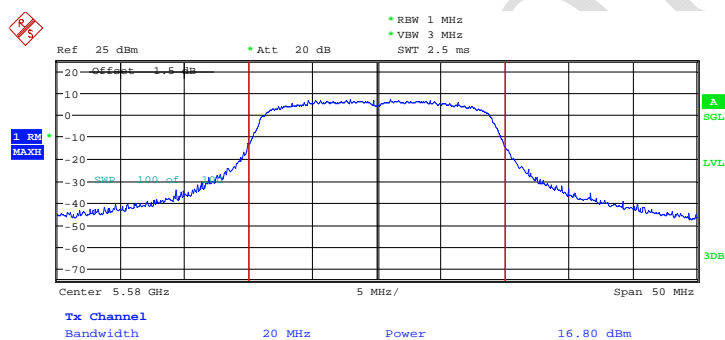
Date: 16.MAR.2017 20:44:41

Fig. 36 Conducted Output Power 802.11n 20MHz ANT1 CH64



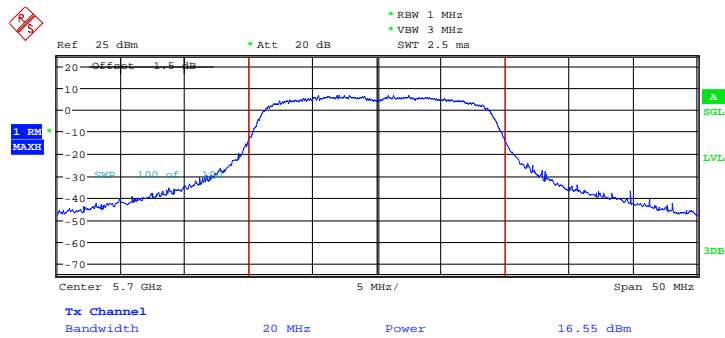
Date: 16.MAR.2017 20:45:08

Fig. 37 Conducted Output Power 802.11n 20MHz ANT1 CH100



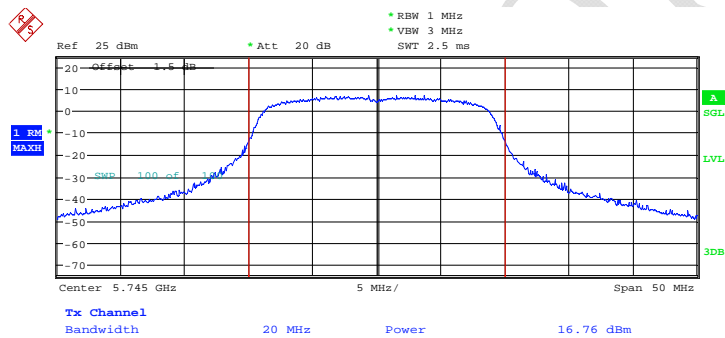
Date: 16.MAR.2017 20:45:37

Fig. 38 Conducted Output Power 802.11n 20MHz ANT1 CH116



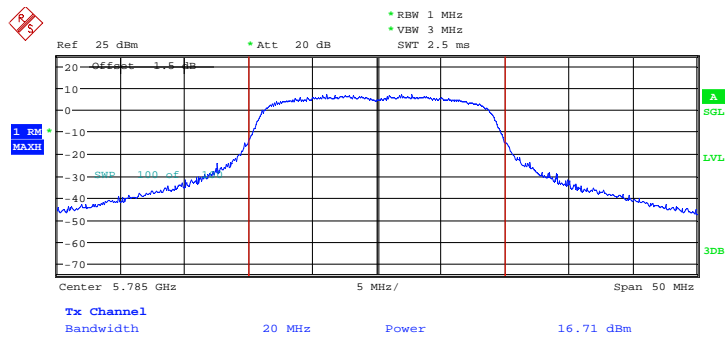
Date: 16.MAR.2017 20:46:08

Fig. 39 Conducted Output Power 802.11n 20MHz ANT1 CH140



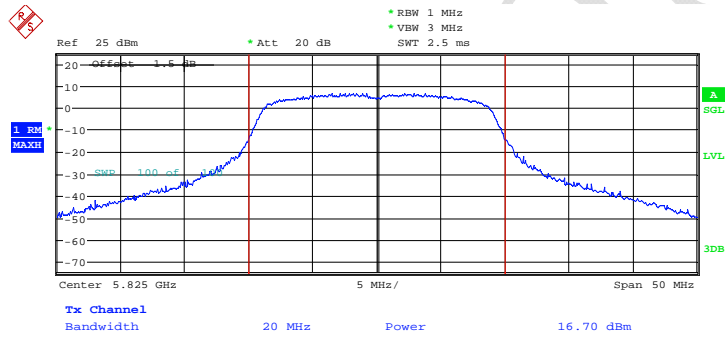
Date: 16.MAR.2017 20:46:37

Fig. 40 Conducted Output Power 802.11n 20MHz ANT1 CH149



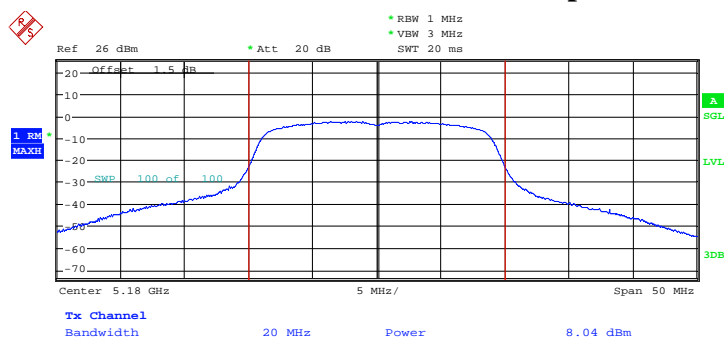
Date: 16.MAR.2017 20:47:04

Fig. 41 Conducted Output Power 802.11n 20MHz ANT1 CH157



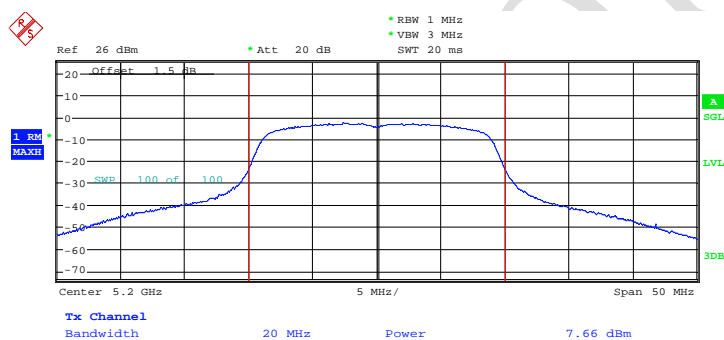
Date: 16.MAR.2017 20:47:30

Fig. 42 Conducted Output Power 802.11n 20MHz ANT1 CH165



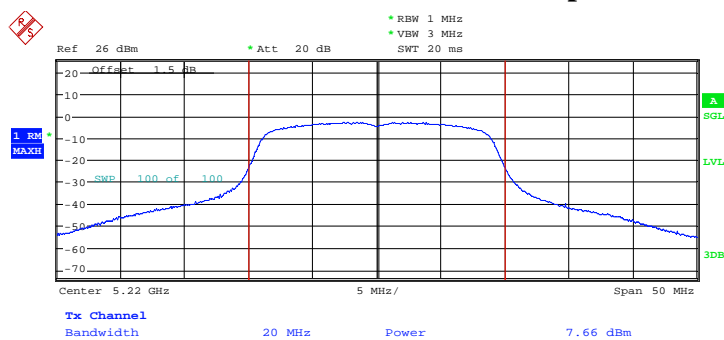
Date: 20.MAR.2017 09:19:55

Fig. 43 Conducted Output Power 802.11n 20MHz ANT2 CH36



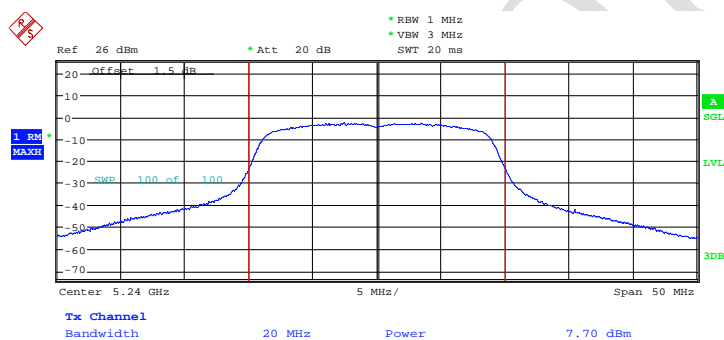
Date: 20.MAR.2017 09:20:26

Fig. 44 Conducted Output Power 802.11n 20MHz ANT2 CH40



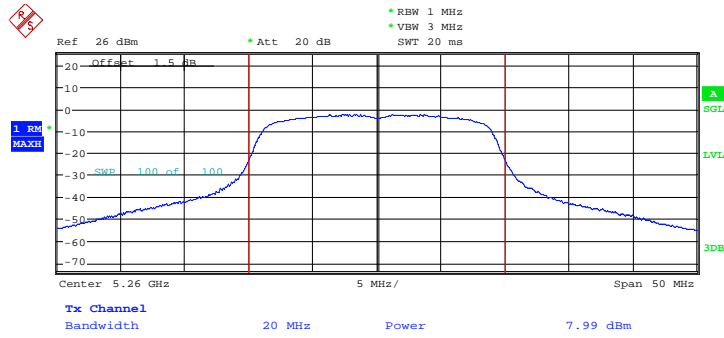
Date: 20.MAR.2017 09:21:30

Fig. 45 Conducted Output Power 802.11n 20MHz ANT2 CH44



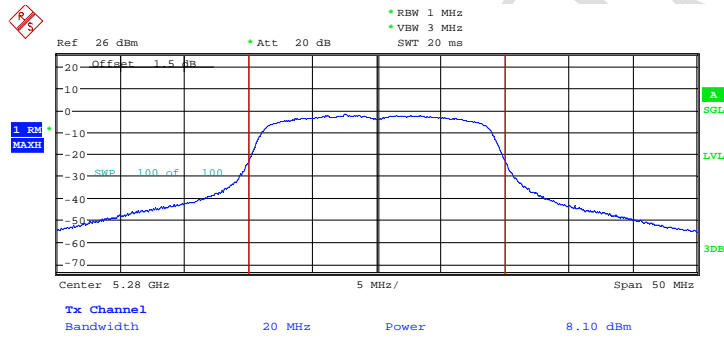
Date: 20.MAR.2017 09:21:53

Fig. 46 Conducted Output Power 802.11n 20MHz ANT2 CH48



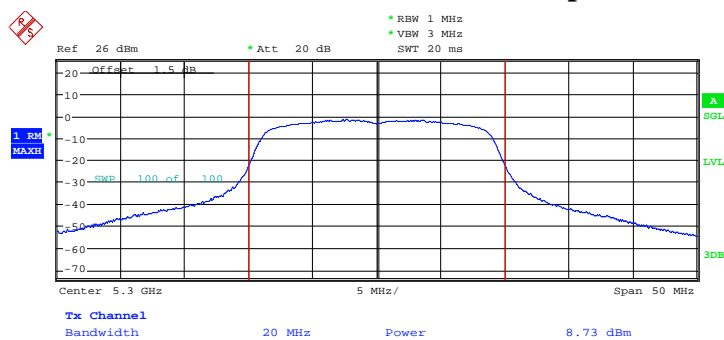
Date: 20.MAR.2017 09:22:25

Fig. 47 Conducted Output Power 802.11n 20MHz ANT2 CH52



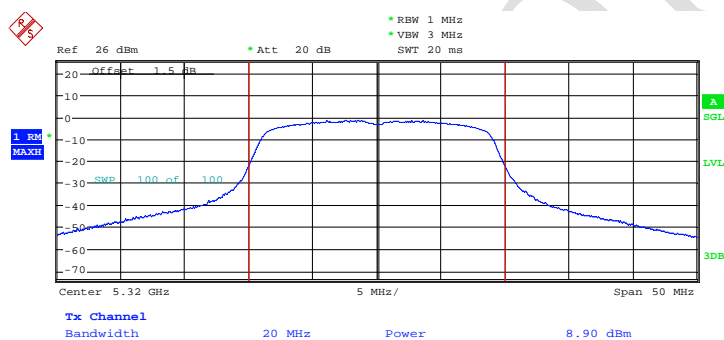
Date: 20.MAR.2017 09:22:49

Fig. 48 Conducted Output Power 802.11n 20MHz ANT2 CH56



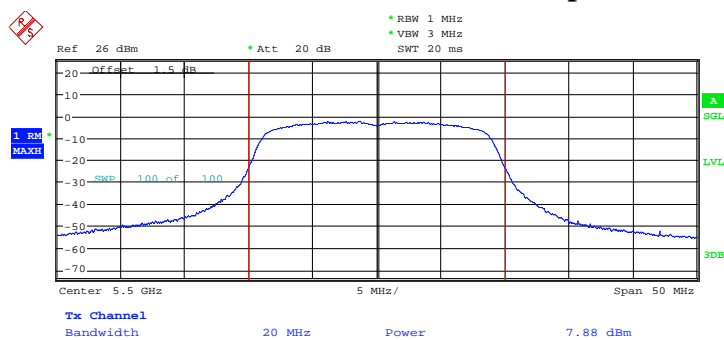
Date: 20.MAR.2017 09:23:17

Fig. 49 Conducted Output Power 802.11n 20MHz ANT2 CH60



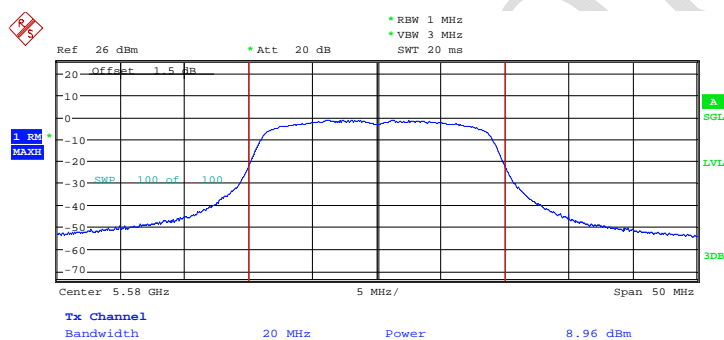
Date: 20.MAR.2017 09:23:40

Fig. 50 Conducted Output Power 802.11n 20MHz ANT2 CH64



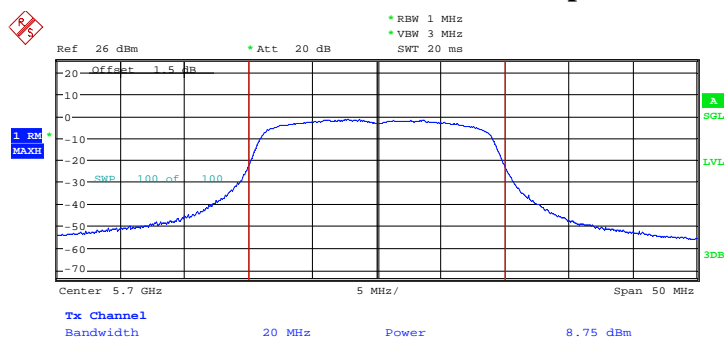
Date: 20.MAR.2017 09:24:04

Fig. 51 Conducted Output Power 802.11n 20MHz ANT2 CH100



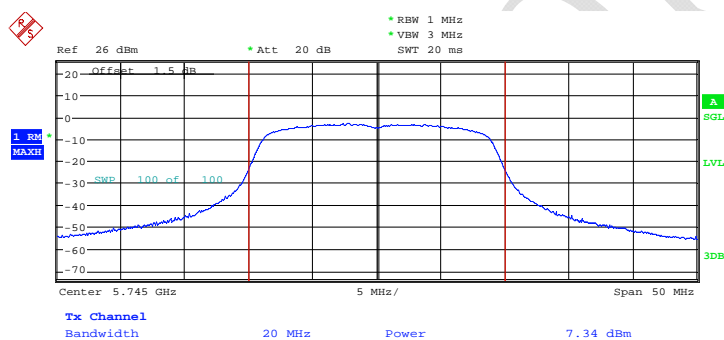
Date: 20.MAR.2017 09:24:30

Fig. 52 Conducted Output Power 802.11n 20MHz ANT2 CH116



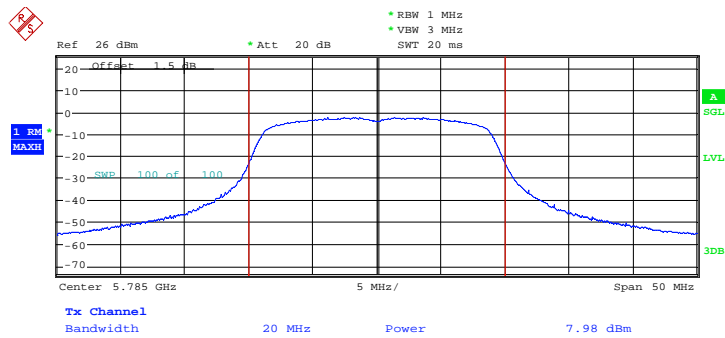
Date: 20.MAR.2017 09:24:54

Fig. 53 Conducted Output Power 802.11n 20MHz ANT2 CH140



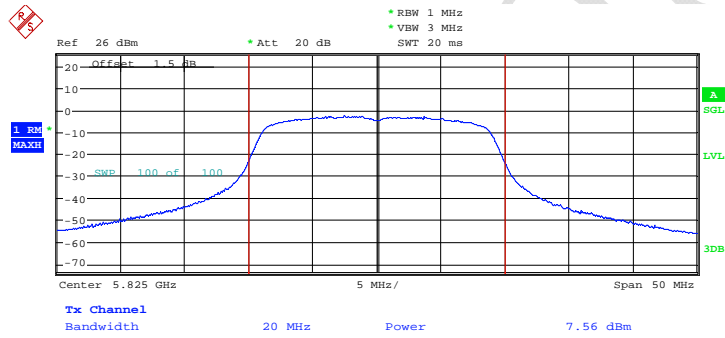
Date: 20.MAR.2017 09:25:25

Fig. 54 Conducted Output Power 802.11n 20MHz ANT2 CH149



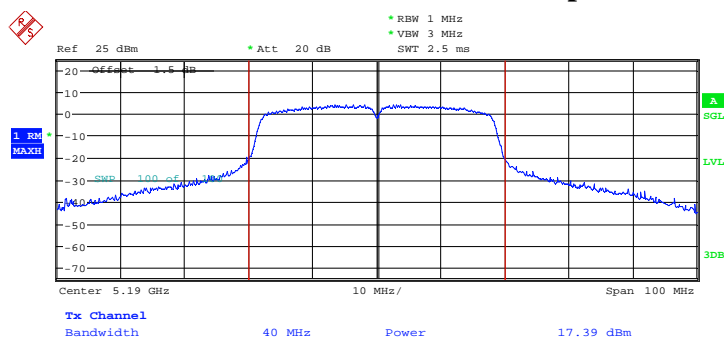
Date: 20.MAR.2017 09:26:05

Fig. 55 Conducted Output Power 802.11n 20MHz ANT2 CH157



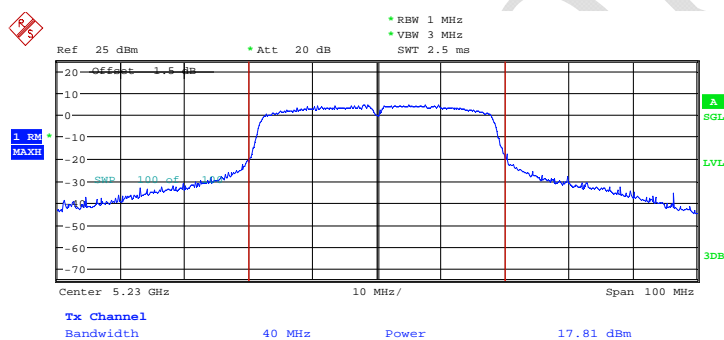
Date: 20.MAR.2017 09:26:50

Fig. 56 Conducted Output Power 802.11n 20MHz ANT2 CH165



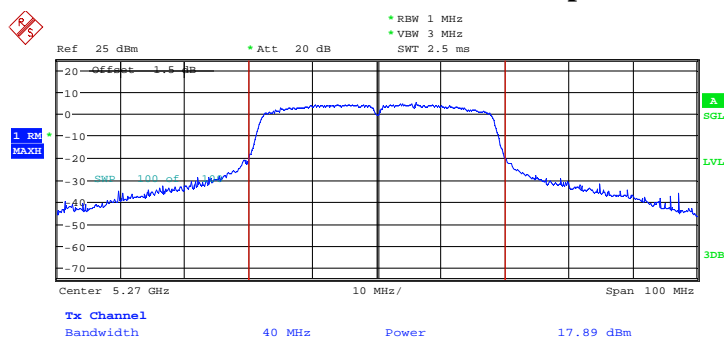
Date: 16.MAR.2017 20:50:51

Fig. 57 Conducted Output Power 802.11n 40MHz ANT1 CH38



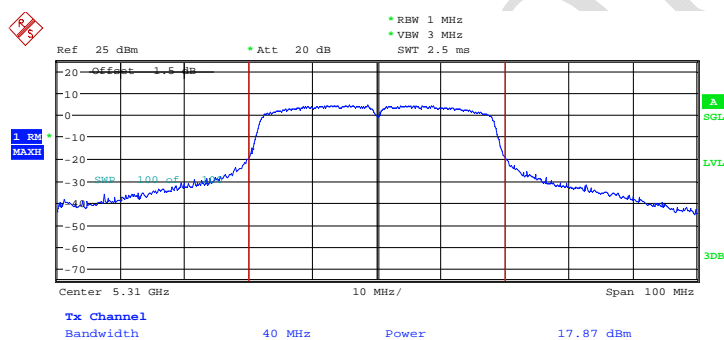
Date: 16.MAR.2017 20:51:28

Fig. 58 Conducted Output Power 802.11n 40MHz ANT1 CH46



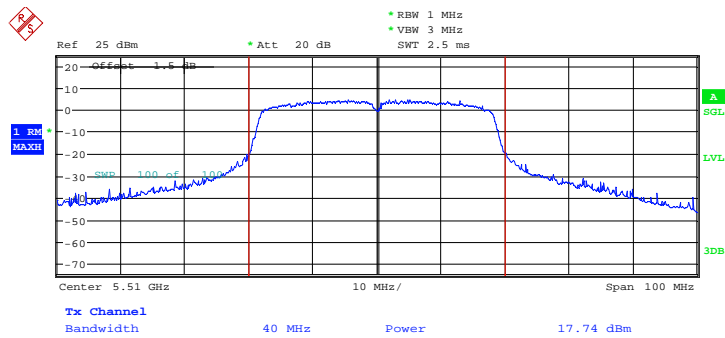
Date: 16.MAR.2017 20:52:01

Fig. 59 Conducted Output Power 802.11n 40MHz ANT1 CH54



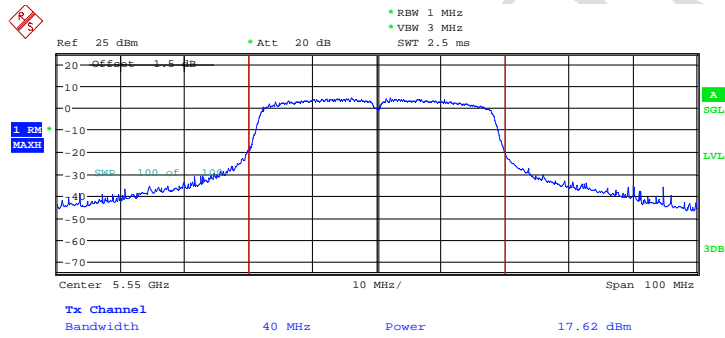
Date: 16.MAR.2017 20:52:40

Fig. 60 Conducted Output Power 802.11n 40MHz ANT1 CH62



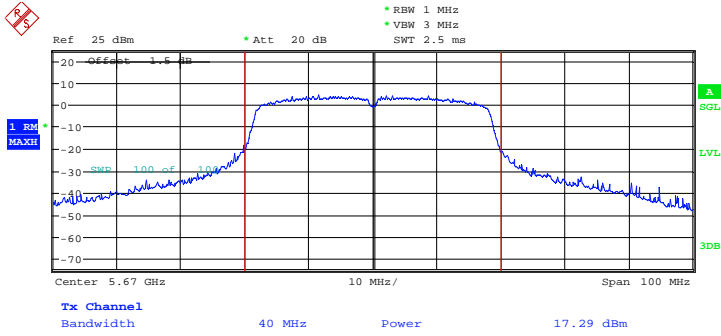
Date: 16.MAR.2017 20:53:13

Fig. 61 Conducted Output Power 802.11n 40MHz ANT1 CH102



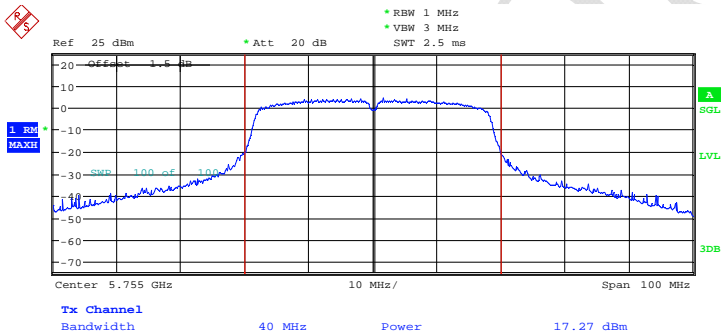
Date: 16.MAR.2017 20:53:46

Fig. 62 Conducted Output Power 802.11n 40MHz ANT1 CH110



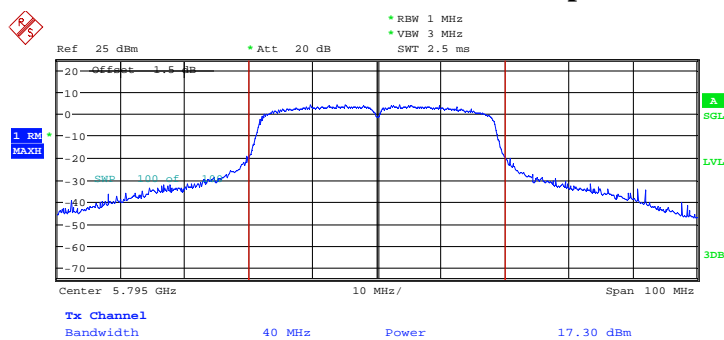
Date: 16.MAR.2017 20:54:18

Fig. 63 Conducted Output Power 802.11n 40MHz ANT1 CH134



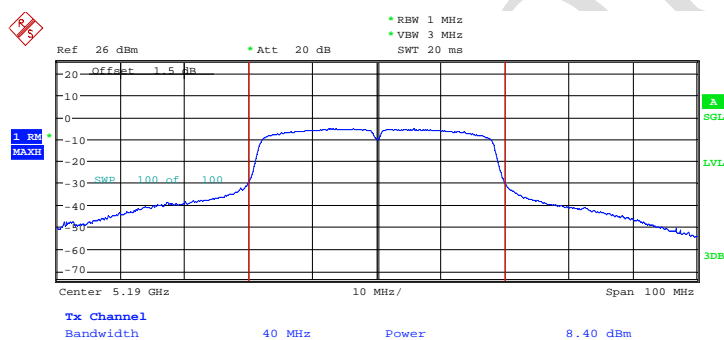
Date: 16.MAR.2017 22:36:14

Fig. 64 Conducted Output Power 802.11n 40MHz ANT1 CH151



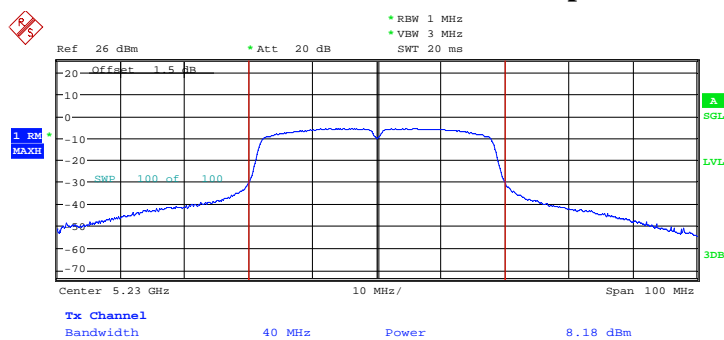
Date: 16.MAR.2017 22:37:00

Fig. 65 Conducted Output Power 802.11n 40MHz ANT1 CH159



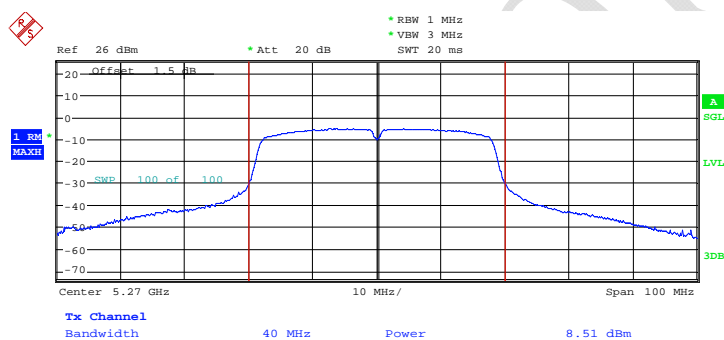
Date: 20.MAR.2017 09:27:35

Fig. 66 Conducted Output Power 802.11n 40MHz ANT2 CH38



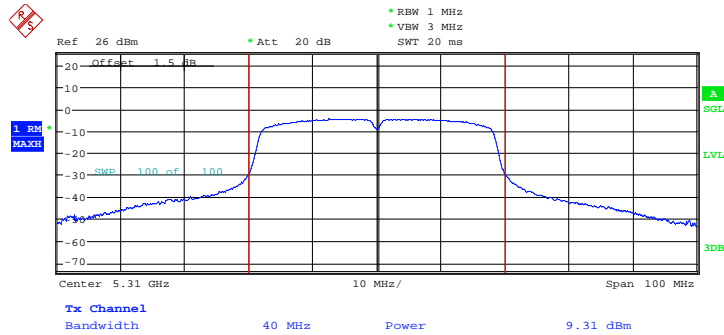
Date: 20.MAR.2017 09:28:00

Fig. 67 Conducted Output Power 802.11n 40MHz ANT2 CH46



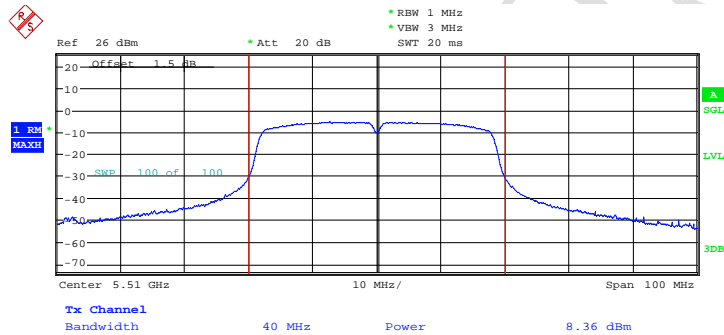
Date: 20.MAR.2017 09:28:29

Fig. 68 Conducted Output Power 802.11n 40MHz ANT2 CH54



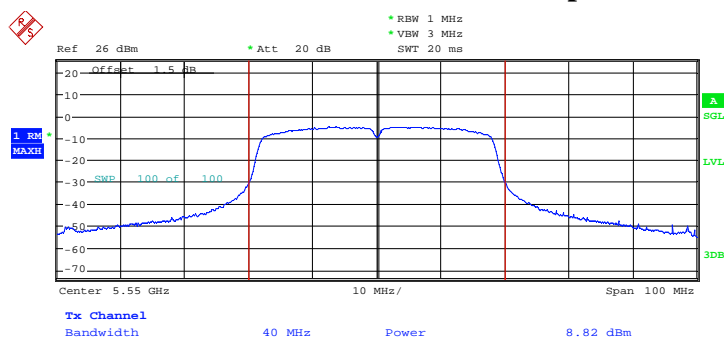
Date: 20.MAR.2017 09:30:50

Fig. 69 Conducted Output Power 802.11n 40MHz ANT2 CH62



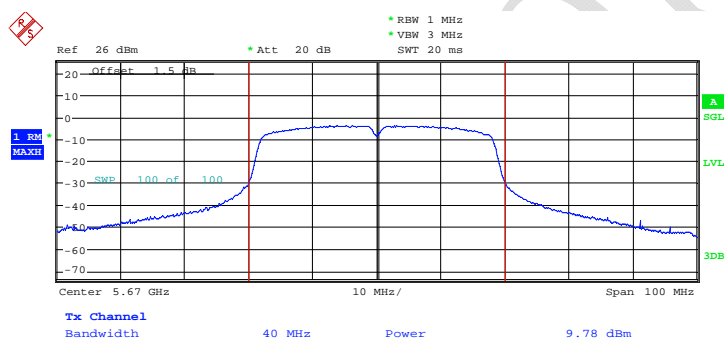
Date: 20.MAR.2017 09:31:20

Fig. 70 Conducted Output Power 802.11n 40MHz ANT2 CH102



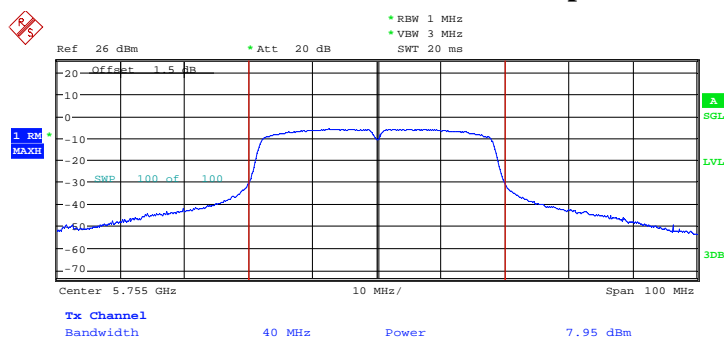
Date: 20.MAR.2017 09:35:36

Fig. 71 Conducted Output Power 802.11n 40MHz ANT2 CH110



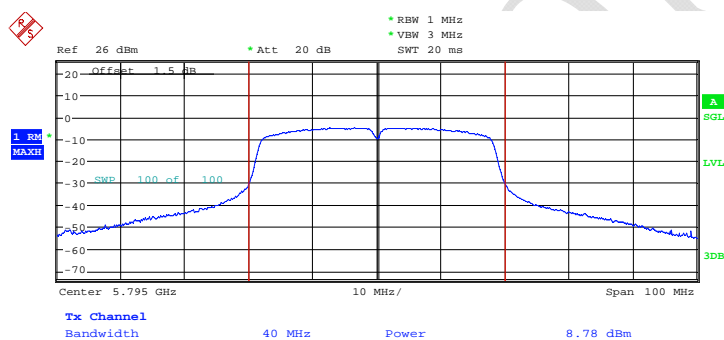
Date: 20.MAR.2017 09:36:04

Fig. 72 Conducted Output Power 802.11n 40MHz ANT2 CH134



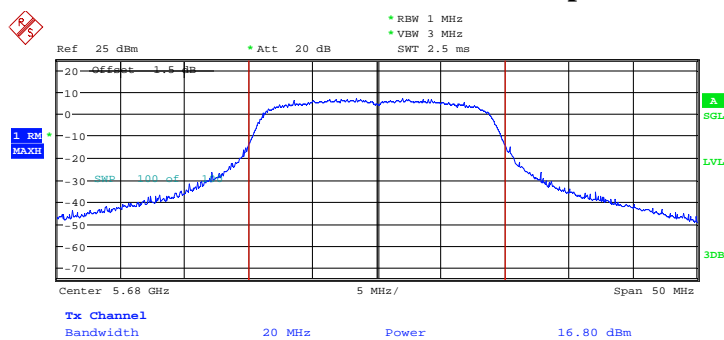
Date: 20.MAR.2017 09:36:36

Fig. 73 Conducted Output Power 802.11n 40MHz ANT2 CH151



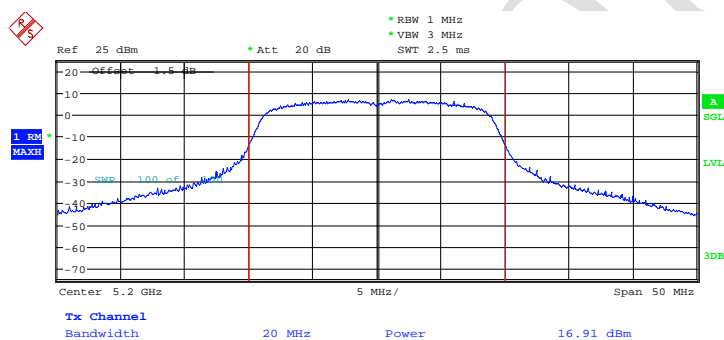
Date: 20.MAR.2017 09:37:09

Fig. 74 Conducted Output Power 802.11n 40MHz ANT2 CH159



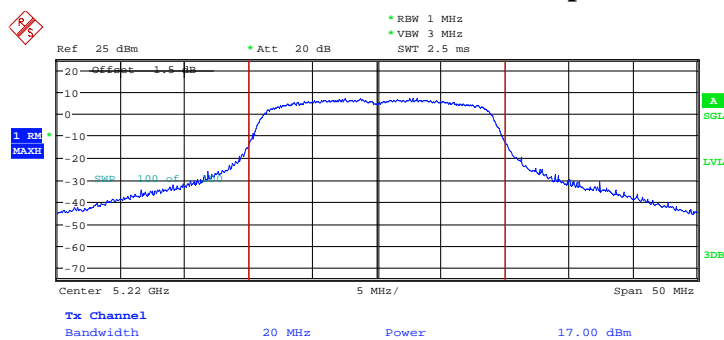
Date: 16.MAR.2017 23:57:49

Fig. 75 Conducted Output Power 802.11ac 20MHz ANT1 CH36



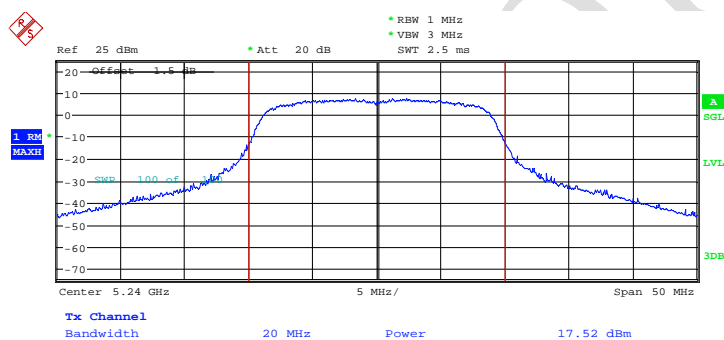
Date: 17.MAR.2017 00:05:24

Fig. 76 Conducted Output Power 802.11ac 20MHz ANT1 CH40



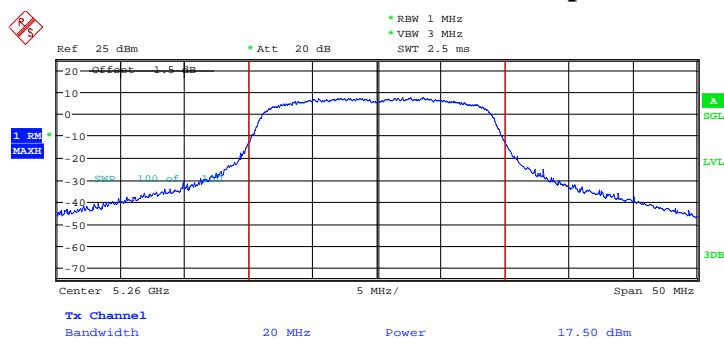
Date: 17.MAR.2017 00:06:12

Fig. 77 Conducted Output Power 802.11ac 20MHz ANT1 CH44



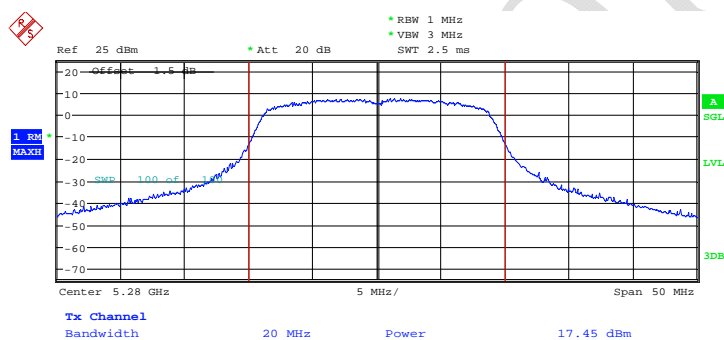
Date: 17.MAR.2017 00:06:45

Fig. 78 Conducted Output Power 802.11ac 20MHz ANT1 CH48



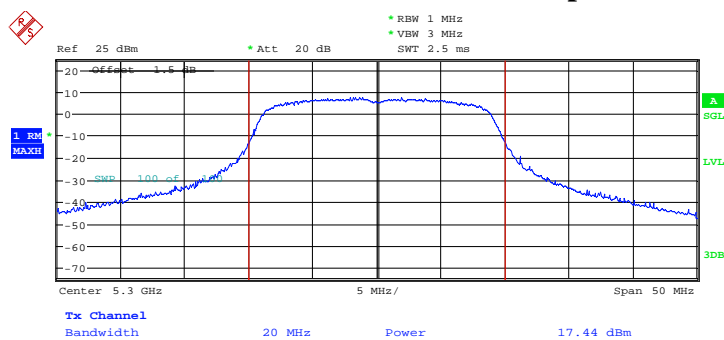
Date: 17.MAR.2017 00:07:19

Fig. 79 Conducted Output Power 802.11ac 20MHz ANT1 CH52



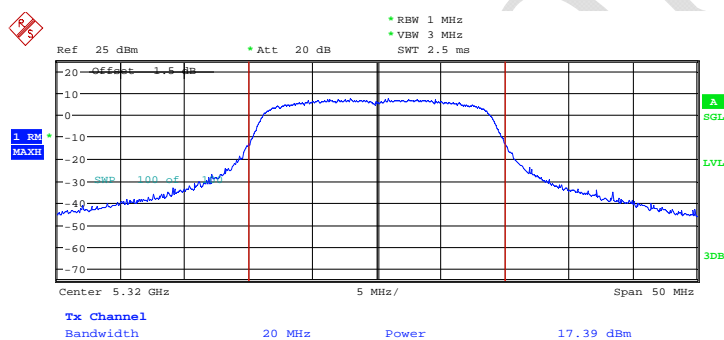
Date: 17.MAR.2017 00:07:52

Fig. 80 Conducted Output Power 802.11ac 20MHz ANT1 CH56



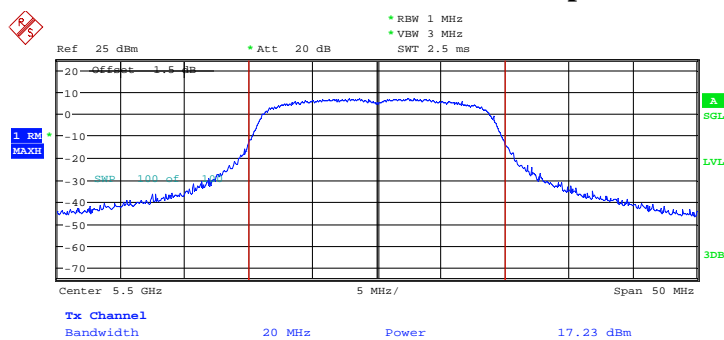
Date: 17.MAR.2017 00:08:22

Fig. 81 Conducted Output Power 802.11ac 20MHz ANT1 CH60



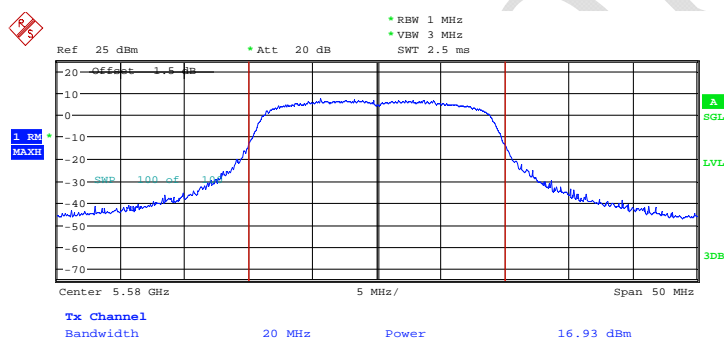
Date: 17.MAR.2017 00:08:52

Fig. 82 Conducted Output Power 802.11ac 20MHz ANT1 CH64



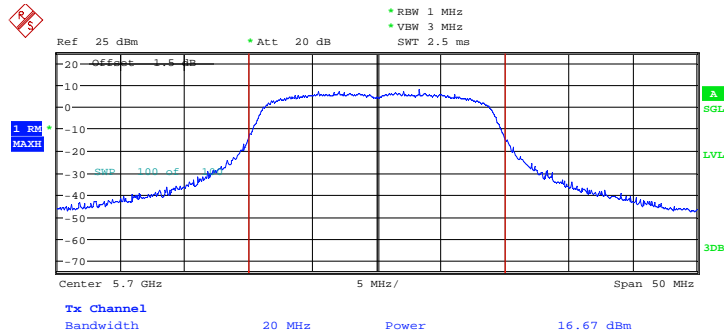
Date: 17.MAR.2017 00:09:50

Fig. 83 Conducted Output Power 802.11ac 20MHz ANT1 CH100



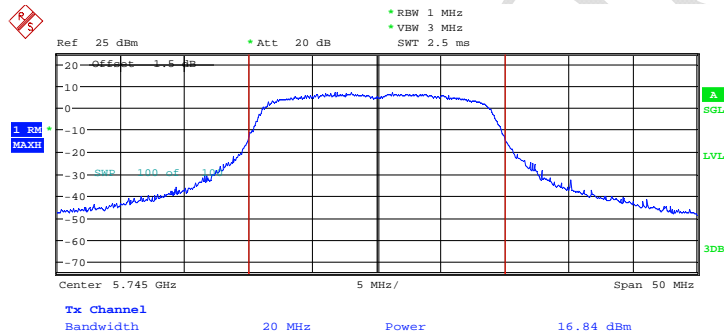
Date: 17.MAR.2017 00:10:13

Fig. 84 Conducted Output Power 802.11ac 20MHz ANT1 CH116



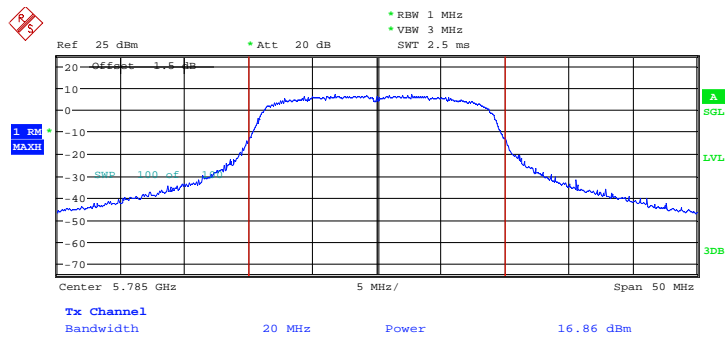
Date: 17.MAR.2017 00:10:53

Fig. 85 Conducted Output Power 802.11ac 20MHz ANT1 CH140



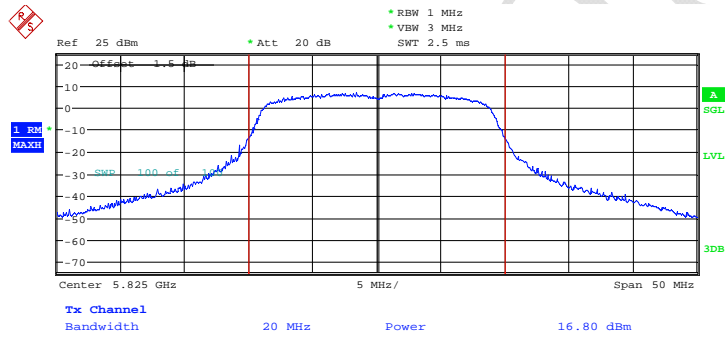
Date: 17.MAR.2017 00:11:18

Fig. 86 Conducted Output Power 802.11ac 20MHz ANT1 CH149



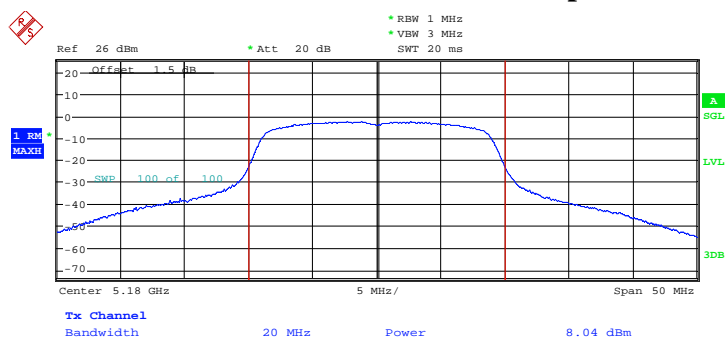
Date: 17.MAR.2017 00:11:40

Fig. 87 Conducted Output Power 802.11ac 20MHz ANT1 CH157



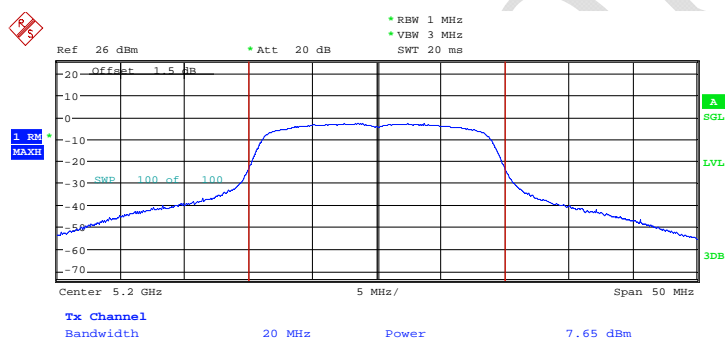
Date: 17.MAR.2017 00:12:03

Fig. 88 Conducted Output Power 802.11ac 20MHz ANT1 CH165



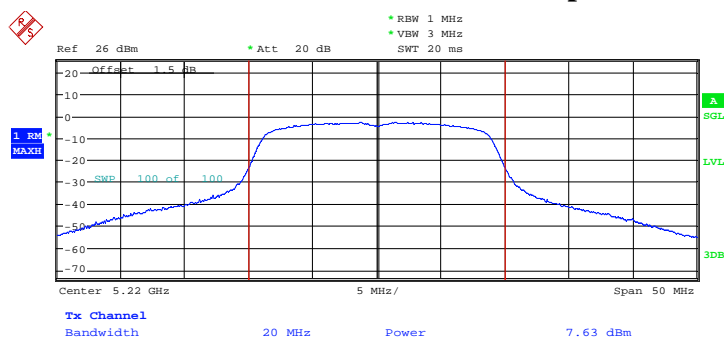
Date: 20.MAR.2017 09:44:51

Fig. 89 Conducted Output Power 802.11ac 20MHz ANT2 CH36



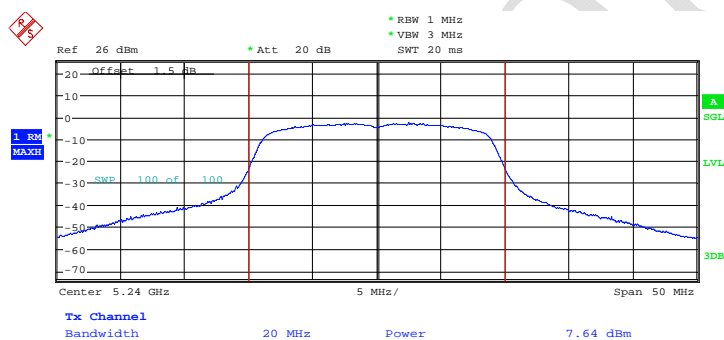
Date: 20.MAR.2017 09:45:59

Fig. 90 Conducted Output Power 802.11ac 20MHz ANT2 CH40



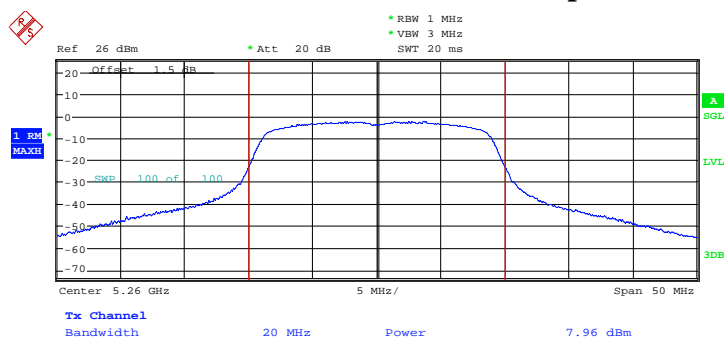
Date: 20.MAR.2017 09:46:52

Fig. 91 Conducted Output Power 802.11ac 20MHz ANT2 CH44



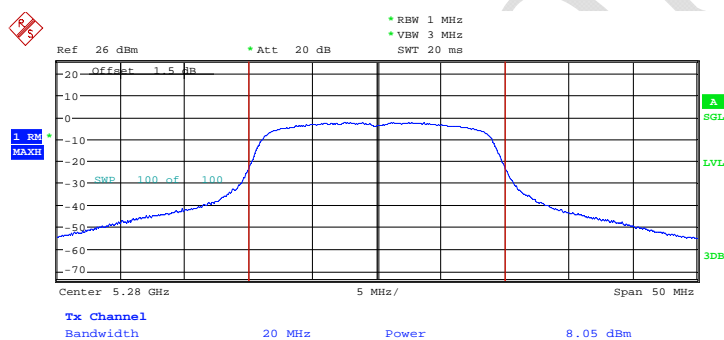
Date: 20.MAR.2017 09:48:00

Fig. 92 Conducted Output Power 802.11ac 20MHz ANT2 CH48



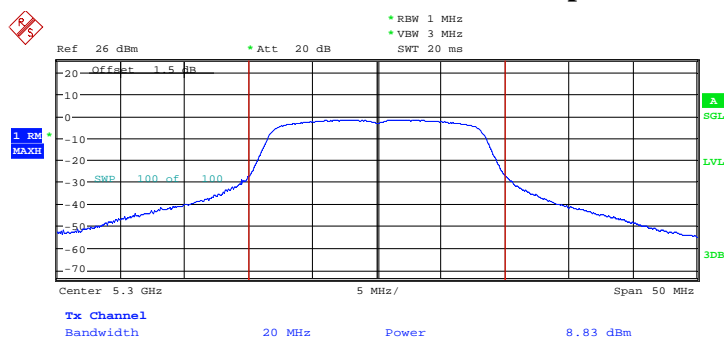
Date: 20.MAR.2017 09:48:57

Fig. 93 Conducted Output Power 802.11ac 20MHz ANT2 CH52



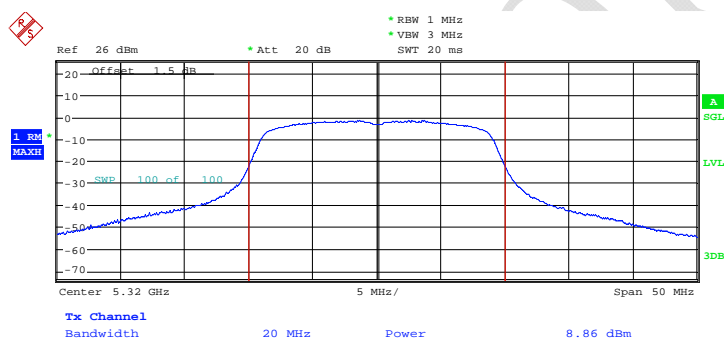
Date: 20.MAR.2017 09:49:58

Fig. 94 Conducted Output Power 802.11ac 20MHz ANT2 CH56



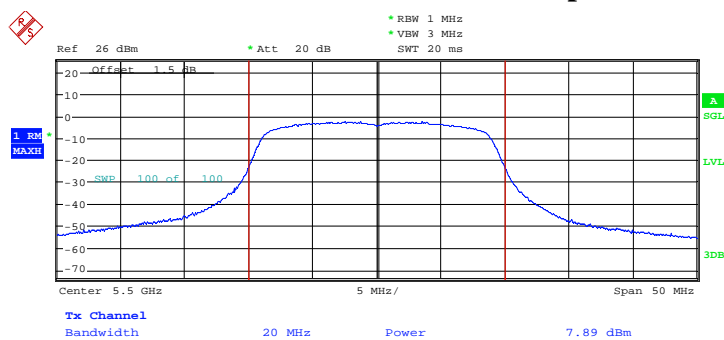
Date: 20.MAR.2017 09:50:37

Fig. 95 Conducted Output Power 802.11ac 20MHz ANT2 CH60



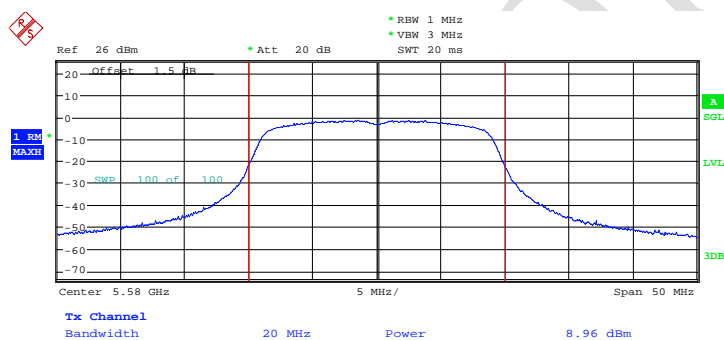
Date: 20.MAR.2017 09:51:28

Fig. 96 Conducted Output Power 802.11ac 20MHz ANT2 CH64



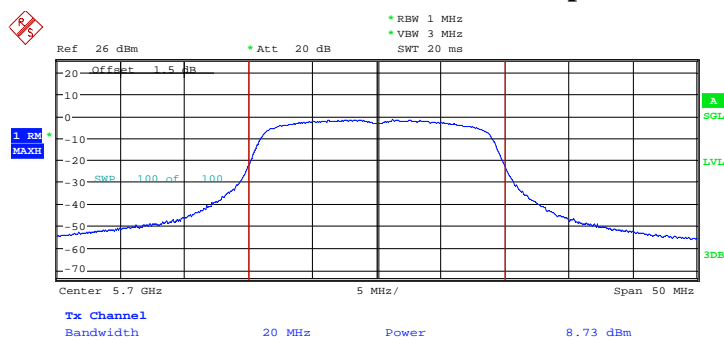
Date: 20.MAR.2017 09:52:34

Fig. 97 Conducted Output Power 802.11ac 20MHz ANT2 CH100



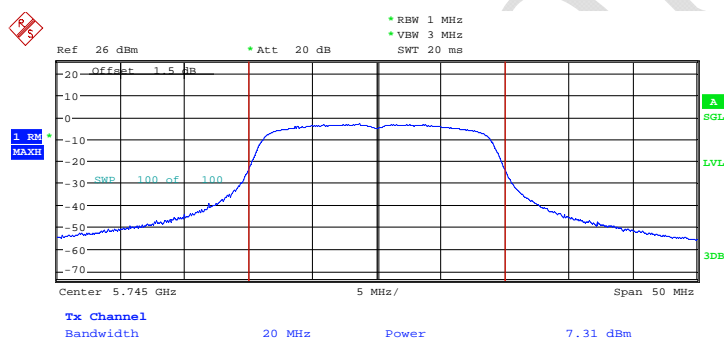
Date: 20.MAR.2017 09:53:09

Fig. 98 Conducted Output Power 802.11ac 20MHz ANT2 CH116



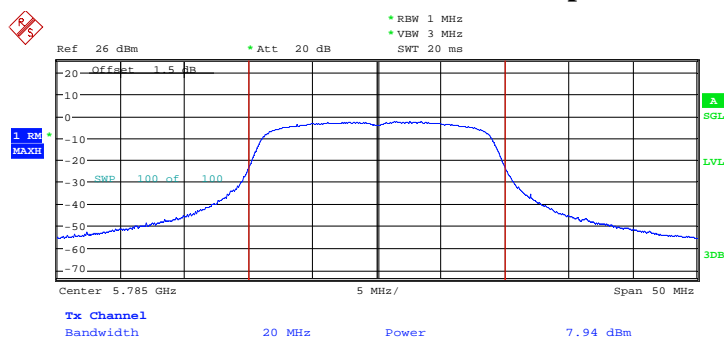
Date: 20.MAR.2017 09:53:53

Fig. 99 Conducted Output Power 802.11ac 20MHz ANT2 CH140



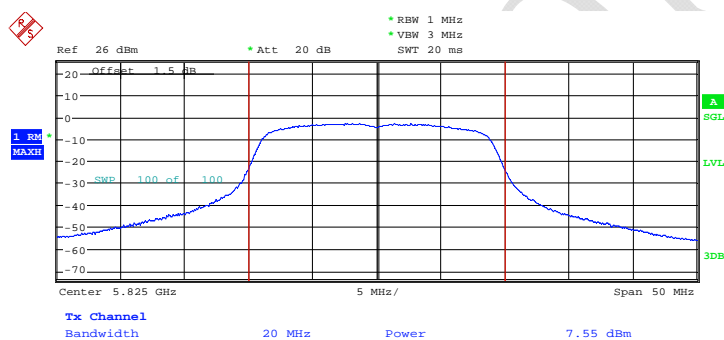
Date: 20.MAR.2017 09:54:30

Fig. 100 Conducted Output Power 802.11ac 20MHz ANT2 CH149



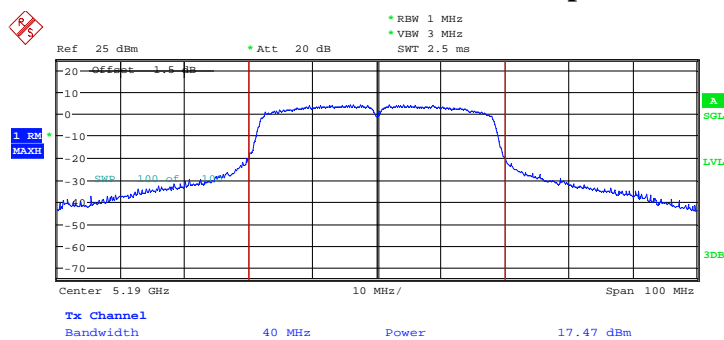
Date: 20.MAR.2017 09:55:02

Fig. 101 Conducted Output Power 802.11ac 20MHz ANT2 CH157



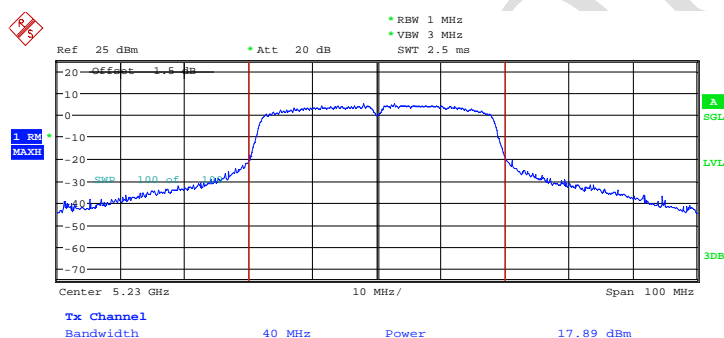
Date: 20.MAR.2017 09:56:03

Fig. 102 Conducted Output Power 802.11ac 20MHz ANT2 CH165



Date: 17.MAR.2017 00:12:55

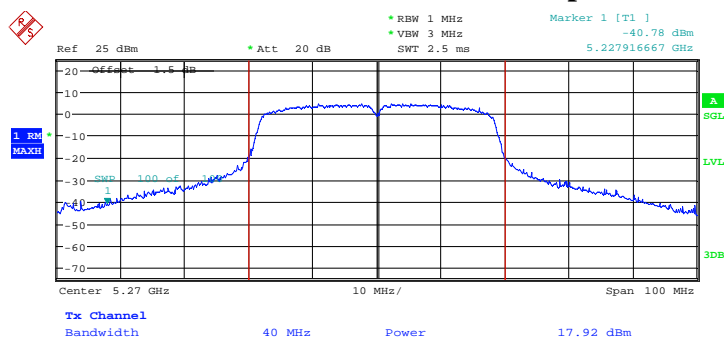
Fig. 103 Conducted Output Power 802.11ac 40MHz ANT1 CH38



Date: 17.MAR.2017 00:13:15

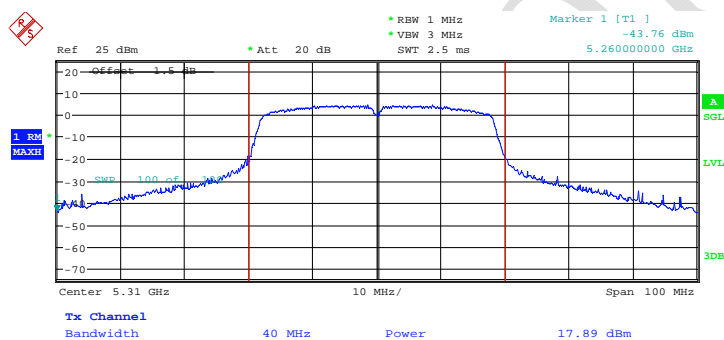
Fig. 104 Conducted Output Power 802.11ac 40MHz ANT1 CH46

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Date: 17.MAR.2017 01:26:06

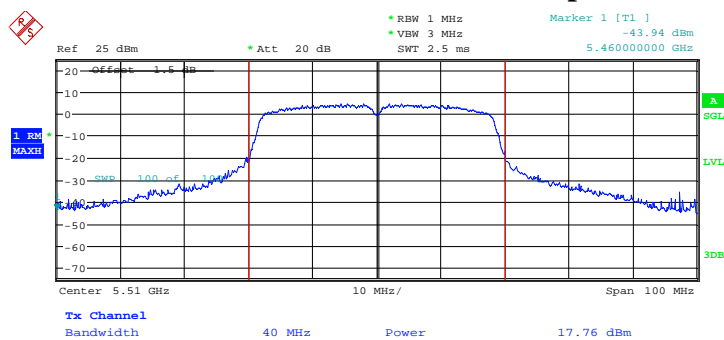
Fig. 105 Conducted Output Power 802.11ac 40MHz ANT1 CH54



Date: 17.MAR.2017 01:28:39

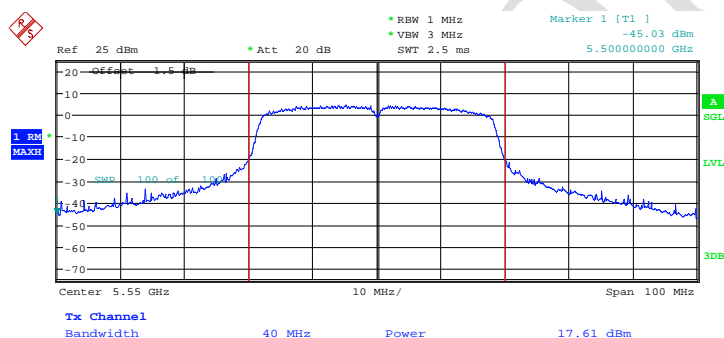
Fig. 106 Conducted Output Power 802.11ac 40MHz ANT1 CH62

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Date: 17.MAR.2017 01:29:15

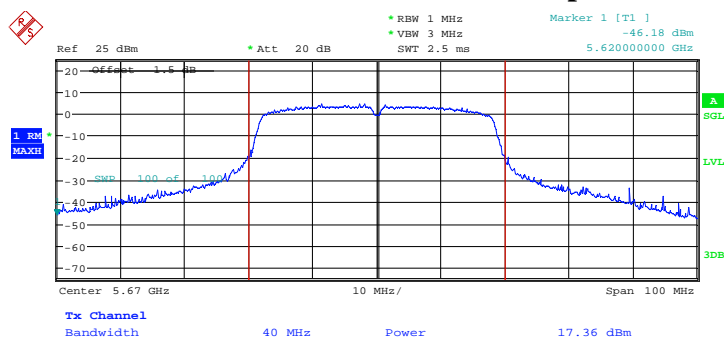
Fig. 107 Conducted Output Power 802.11ac 40MHz ANT1 CH102



Date: 17.MAR.2017 01:30:29

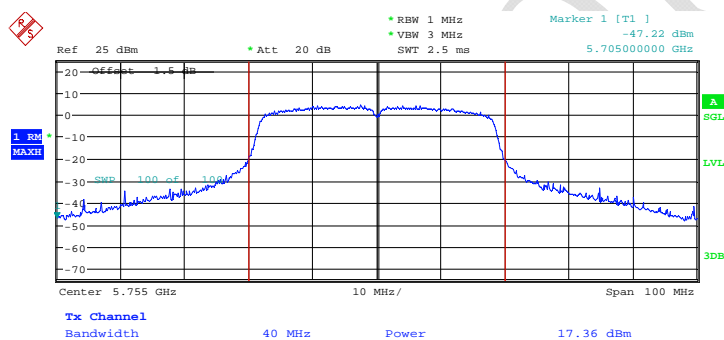
Fig. 108 Conducted Output Power 802.11ac 40MHz ANT1 CH110

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Date: 17.MAR.2017 01:31:03

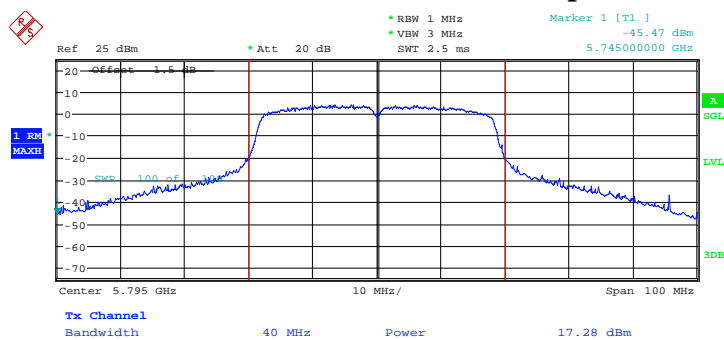
Fig. 109 Conducted Output Power 802.11ac 40MHz ANT1 CH134



Date: 17.MAR.2017 01:32:45

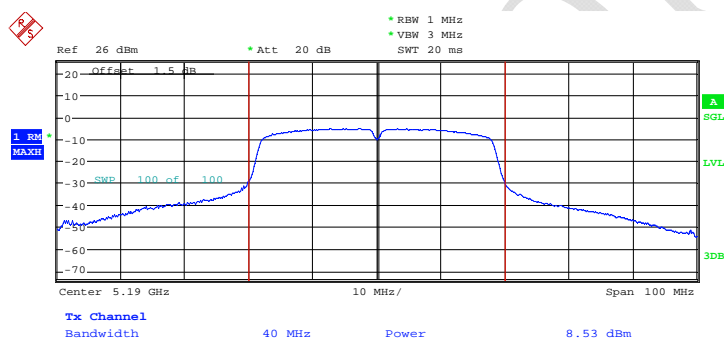
Fig. 110 Conducted Output Power 802.11ac 40MHz ANT1 CH151

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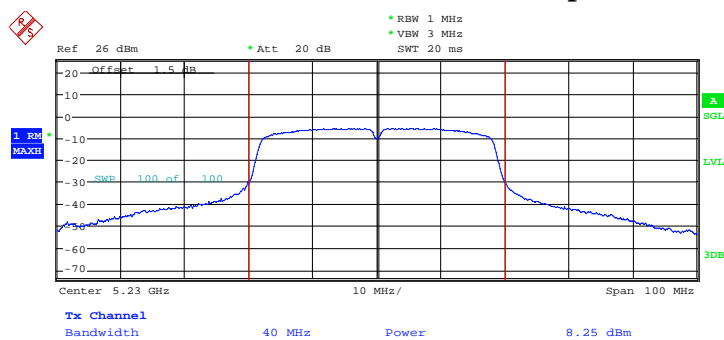
Date: 17.MAR.2017 01:33:18

Fig. 111 Conducted Output Power 802.11ac 40MHz ANT1 CH159



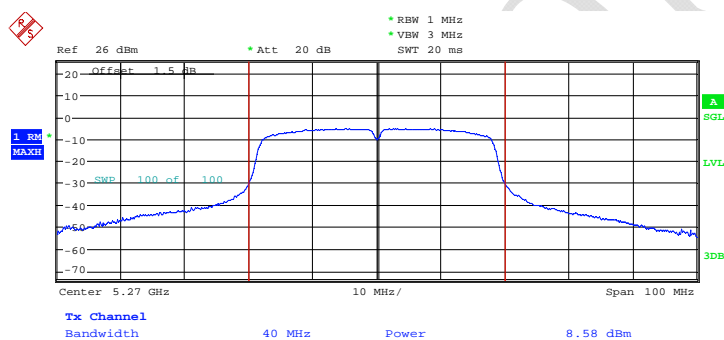
Date: 20.MAR.2017 11:47:05

Fig. 112 Conducted Output Power 802.11ac 40MHz ANT2 CH38



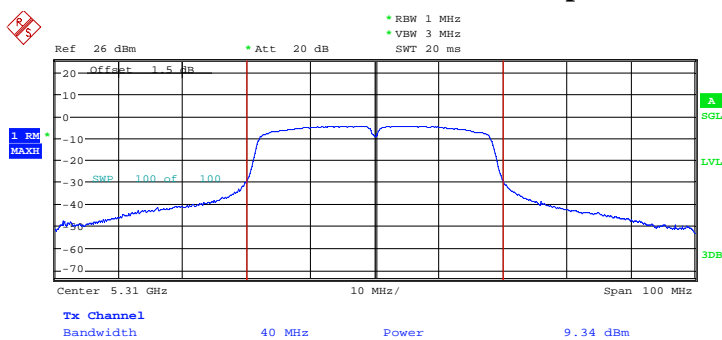
Date: 20.MAR.2017 11:47:33

Fig. 113 Conducted Output Power 802.11ac 40MHz ANT2 CH46



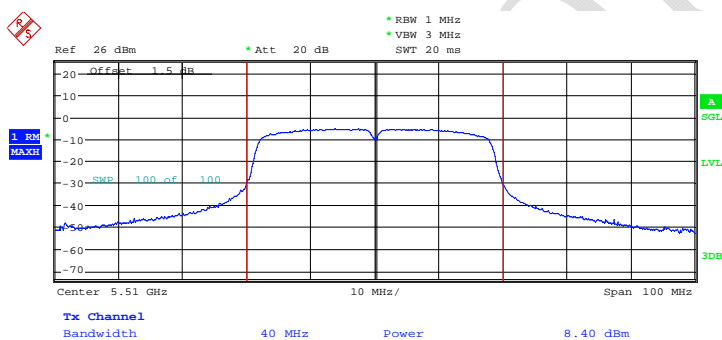
Date: 20.MAR.2017 11:48:00

Fig. 114 Conducted Output Power 802.11ac 40MHz ANT2 CH54



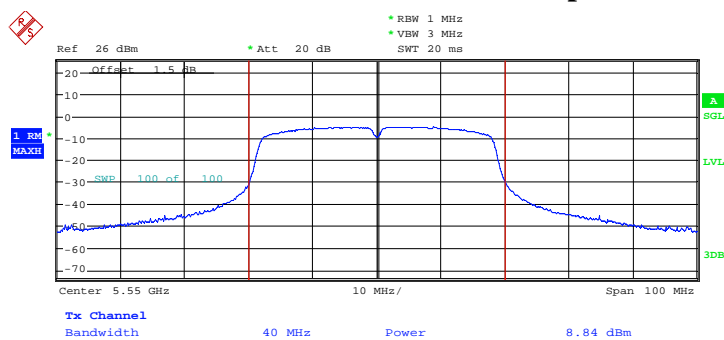
Date: 20.MAR.2017 11:48:29

Fig. 115 Conducted Output Power 802.11ac 40MHz ANT2 CH62



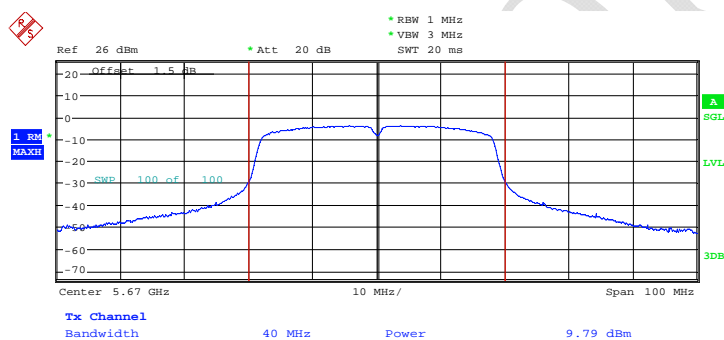
Date: 20.MAR.2017 11:49:00

Fig. 116 Conducted Output Power 802.11ac 40MHz ANT2 CH102



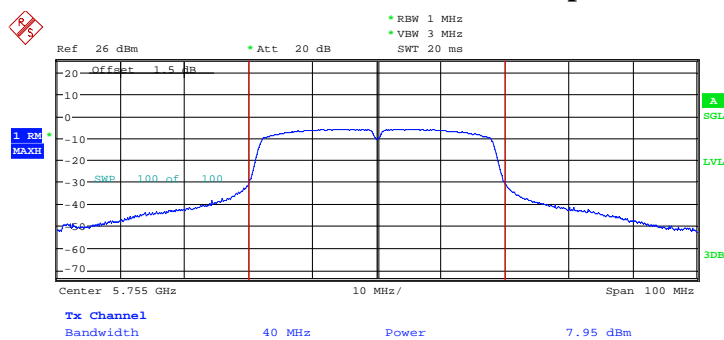
Date: 20.MAR.2017 11:49:36

Fig. 117 Conducted Output Power 802.11ac 40MHz ANT2 CH110



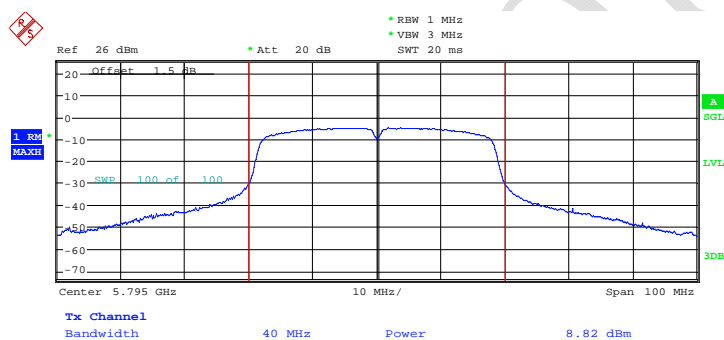
Date: 20.MAR.2017 11:50:07

Fig. 118 Conducted Output Power 802.11ac 40MHz ANT2 CH134



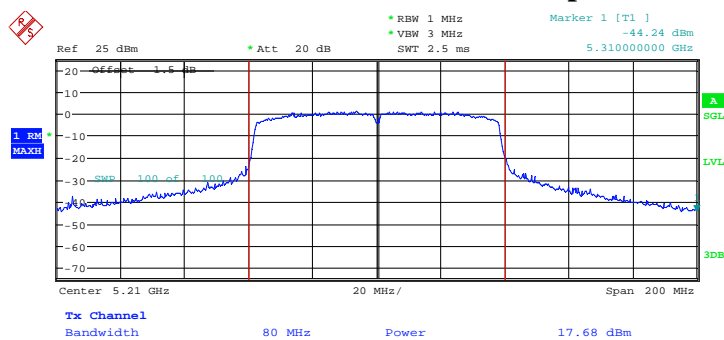
Date: 20.MAR.2017 11:50:41

Fig. 119 Conducted Output Power 802.11ac 40MHz ANT2 CH151



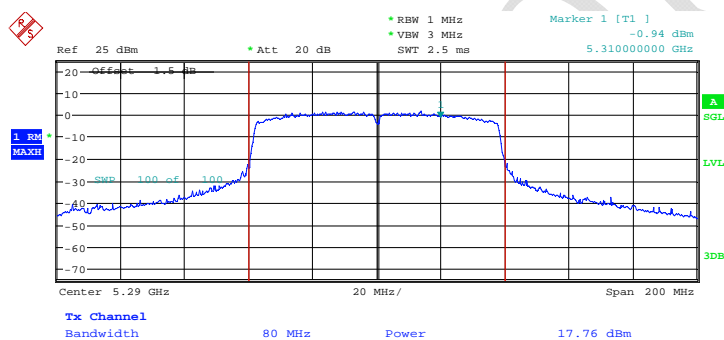
Date: 20.MAR.2017 11:51:12

Fig. 120 Conducted Output Power 802.11ac 40MHz ANT2 CH159



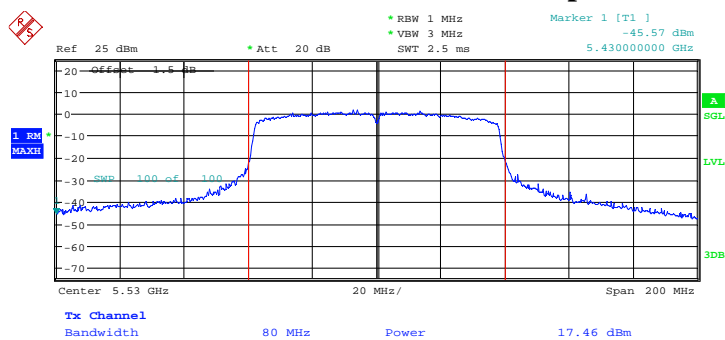
Date: 17.MAR.2017 01:34:39

Fig. 121 Conducted Output Power 802.11ac 80MHz ANT1 CH42



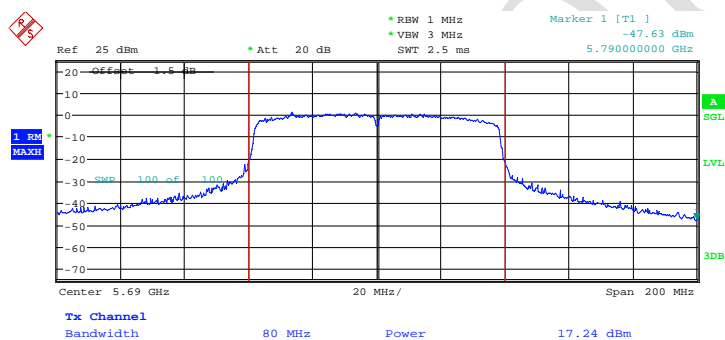
Date: 17.MAR.2017 01:35:24

Fig. 122 Conducted Output Power 802.11ac 80MHz ANT1 CH58



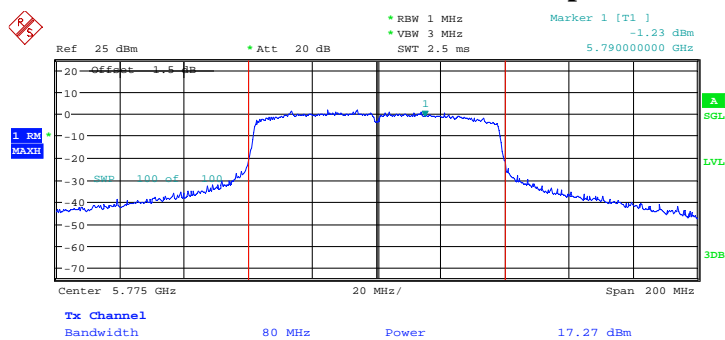
Date: 17.MAR.2017 01:36:31

Fig. 123 Conducted Output Power 802.11ac 80MHz ANT1 CH106



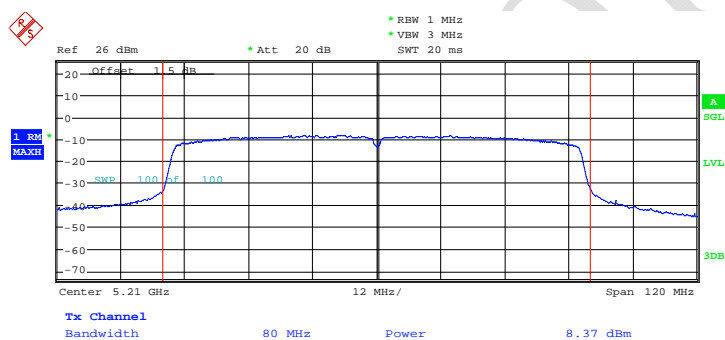
Date: 17.MAR.2017 01:37:27

Fig. 124 Conducted Output Power 802.11ac 80MHz ANT1 CH138



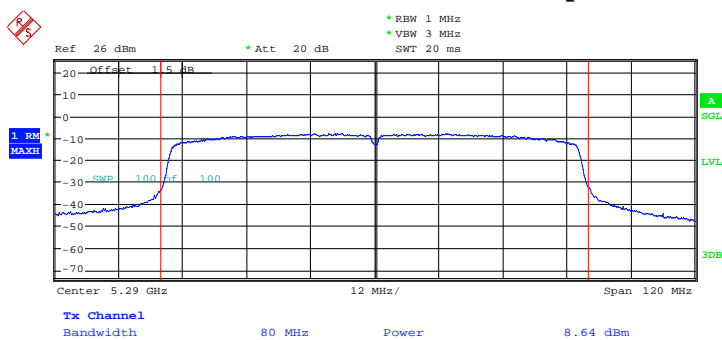
Date: 17.MAR.2017 01:38:22

Fig. 125 Conducted Output Power 802.11ac 80MHz ANT1 CH155



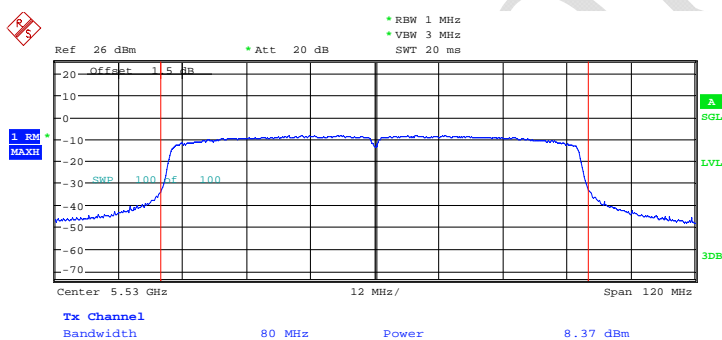
Date: 20.MAR.2017 11:52:00

Fig. 126 Conducted Output Power 802.11ac 80MHz ANT2 CH42



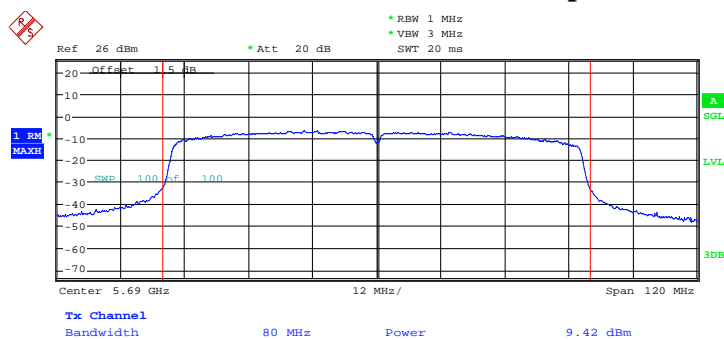
Date: 20.MAR.2017 11:52:33

Fig. 127 Conducted Output Power 802.11ac 80MHz ANT1 CH58



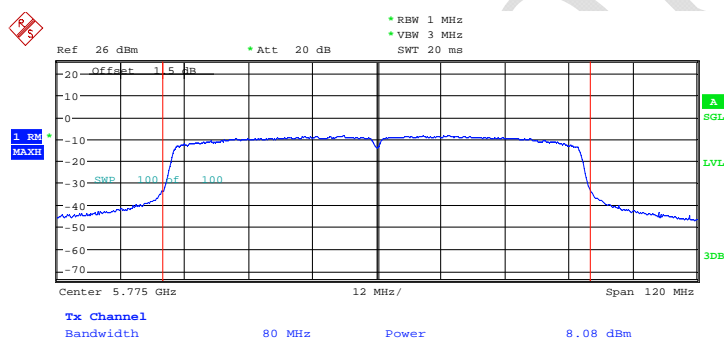
Date: 20.MAR.2017 11:53:02

Fig. 128 Conducted Output Power 802.11ac 80MHz ANT1 CH106



Date: 20.MAR.2017 11:53:37

Fig. 129 Conducted Output Power 802.11ac 80MHz ANT1 CH138



Date: 20.MAR.2017 11:54:08

Fig. 130 Conducted Output Power 802.11ac 80MHz ANT1 CH155

5.2 Peak Power Spectral Density

Specifications:	FCC Part 15.407 (a)
DUT Serial Number:	S15/18: 862851030000175/862851030020177
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	Pass

Limit Level Construction:

According to Part 15.407(a)

For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500kHz band.

Antenna Gain:

Antenna1 gain is 0.5 dBi and the value is supplied by the applicant or manufacturer.

Antenna2 gain is 0.5 dBi and the value is supplied by the applicant or manufacturer.

Note:

The MIMO test requirement, RF conducted output power shall measure each transmitter chain by using channel power method.

And after obtain each individual transmitter chain power, then sum the output power.

5.2.1 802.11a Power Spectral Density

Mode	ANT	Frequency (MHz)	Channel	Measured Power (dBm)	Antenna gain (dBi)	Power Spectral Density (dBm)
802.11a	1	5180	36	-0.85	0.5	-0.35
		5220	44	-1.21		-0.71
		5240	48	-1.10		-0.60
		5260	52	-0.47		0.03
		5280	56	-0.71		-0.21
		5320	64	0.31		0.81
		5500	100	-0.61		-0.11
		5560	112	-0.08		0.42
		5700	140	-0.07		0.43
		5745	149	-1.56		-1.06
		5785	157	-0.91		-0.41
		5825	165	-1.23		-0.73

Mode	ANT	Frequency (MHz)	Channel	Measured Power (dBm)	Antenna gain (dBi)	Power Spectral Density (dBm)
802.11a	2	5180	36	-2.11	0.5	-1.61
		5220	44	-2.56		-2.06
		5240	48	-2.74		-2.24
		5260	52	-1.90		-1.40
		5280	56	-2.12		-1.62
		5320	64	-1.62		-1.12
		5500	100	-2.76		-2.26
		5560	112	-1.92		-1.42
		5700	140	-0.77		-0.27
		5745	149	-2.11		-1.61
		5785	157	-1.71		-1.21
		5825	165	-1.90		-1.40

5.2.2 802.11n 20MHz Power Spectral Density

Mode	ANT	Frequency (MHz)	Channel	Measured Power (dBm)	Antenna gain (dBi)	Power Spectral Density (dBm)
802.11n (20MHz)	1	5180	36	-0.79	0.5	-0.29
		5220	44	-0.91		-0.41
		5240	48	-1.21		-0.71
		5260	52	-1.07		-0.57
		5280	56	-0.92		-0.42
		5320	64	-0.26		0.24
		5500	100	-0.86		-0.36
		5560	112	-0.55		-0.05
		5700	140	-0.35		0.15
		5745	149	-1.92		-1.42
		5785	157	-0.77		-0.27
		5825	165	-1.45		-0.95

Mode	ANT	Frequency (MHz)	Channel	Measured Power (dBm)	Antenna gain (dBi)	Power Spectral Density (dBm)
802.11n (20MHz)	2	5180	36	-3.10	0.5	-2.60
		5220	44	-2.96		-2.46
		5240	48	-2.04		-1.54
		5260	52	-2.53		-2.03
		5280	56	-2.43		-1.93
		5320	64	-1.79		-1.29
		5500	100	-2.91		-2.41
		5560	112	-2.10		-1.60
		5700	140	-1.48		-0.98
		5745	149	-1.84		-1.34
		5785	157	-2.37		-1.87
		5825	165	-2.08		-1.58

Mode	ANT	Frequency (MHz)	Channel	Power Spectral Density (dBm)
802.11n (20MHz)	1+2	5180	36	1.46
		5220	44	1.76
		5240	48	1.76
		5260	52	1.76
		5280	56	1.76
		5320	64	2.04
		5500	100	1.76
		5560	112	2.30
		5700	140	2.55
		5745	149	1.46
		5785	157	2.04
		5825	165	1.76

5.2.3 802.11n 40MHz Power Spectral Density

Mode	ANT	Frequency (MHz)	Channel	Measured Power (dBm)	Antenna gain (dBi)	Power Spectral Density (dBm)
802.11n (40MHz)	1	5190	38	-3.69	0.5	-3.19
		5230	46	-3.93		-3.43
		5270	54	-3.53		-3.03
		5310	62	-2.68		-2.18
		5510	102	-3.78		-3.28
		5550	110	-3.49		-2.99
		5755	151	-4.24		-3.74
		5795	159	-3.40		-2.90

Mode	ANT	Frequency (MHz)	Channel	Measured Power (dBm)	Antenna gain (dBi)	Power Spectral Density (dBm)
802.11n (40MHz)	2	5190	38	-5.79	0.5	-5.29
		5230	46	-5.27		-4.77
		5270	54	-4.59		-4.09
		5310	62	-4.47		-3.97
		5510	102	-5.52		-5.02
		5550	110	-4.43		-3.93
		5755	151	-4.81		-4.31
		5795	159	-4.85		-4.35

Mode	ANT	Frequency (MHz)	Channel	Power Spectral Density (dBm)
802.11n (40MHz)	1+2	5190	38	-0.97
		5230	46	-0.97
		5270	54	-0.46
		5310	62	0.00
		5510	102	-0.97
		5550	110	-0.46
		5755	151	-0.97
		5795	159	-0.46

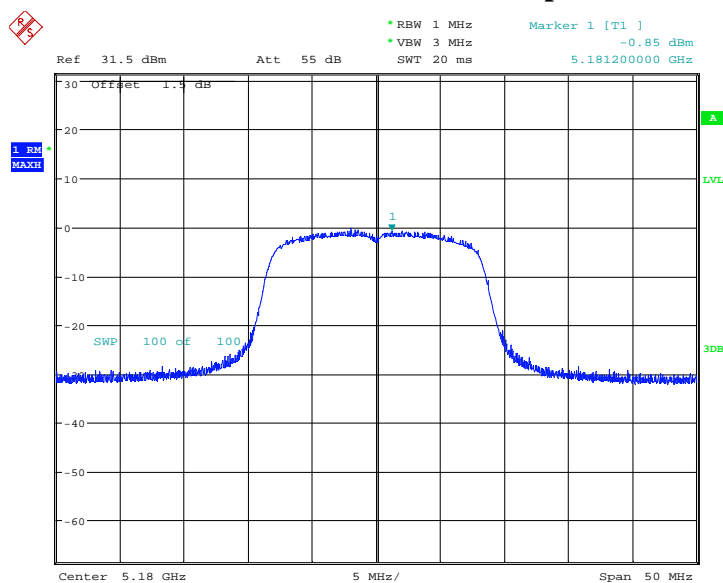
5.2.4 802.11ac 80MHz Power Spectral Density

Mode	ANT	Frequency (MHz)	Channel	Measured Power (dBm)	Antenna gain (dBi)	Power Spectral Density (dBm)
802.11ac (80MHz)	1	5210	42	-6.45	0.5	-5.95
		5290	58	-6.28		-5.78
		5530	106	-6.51		-6.01
		5690	138	-5.54		-5.04
		5775	155	-6.97		-6.47

Mode	ANT	Frequency (MHz)	Channel	Measured Power (dBm)	Antenna gain (dBi)	Power Spectral Density (dBm)
802.11ac (80MHz)	2	5210	42	-8.31	0.5	-7.81
		5290	58	-7.57		-7.07
		5530	106	-8.09		-7.59
		5690	138	-6.56		-6.06
		5775	155	-7.74		-7.24

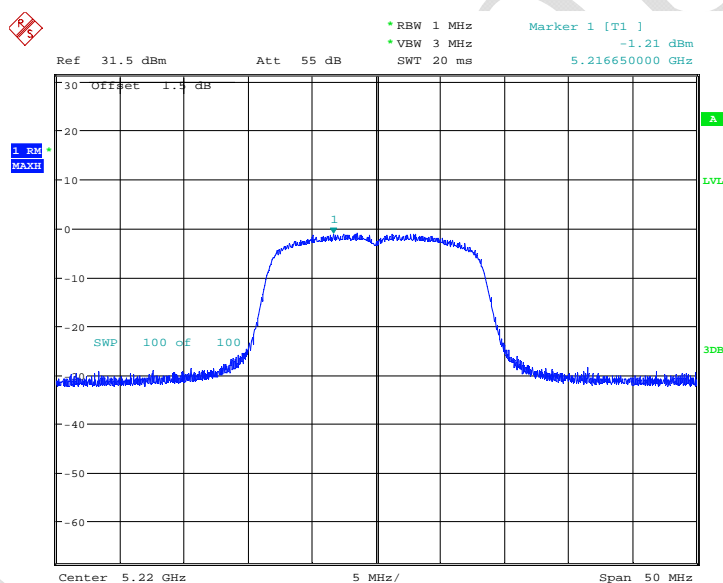
Mode	ANT	Frequency (MHz)	Channel	Power Spectral Density (dBm)
802.11ac (80MHz)	1+2	5210	42	-3.01
		5290	58	-3.01
		5530	106	-3.01
		5690	138	-3.01
		5775	155	-3.98

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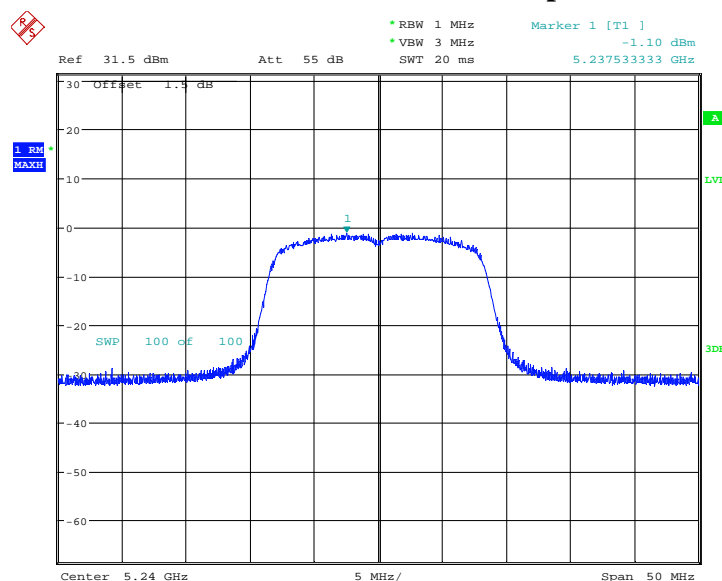
Fig. 131 Power Spectral Density 802.11a ANT1 CH36



Date: 21.MAR.2017 09:45:56

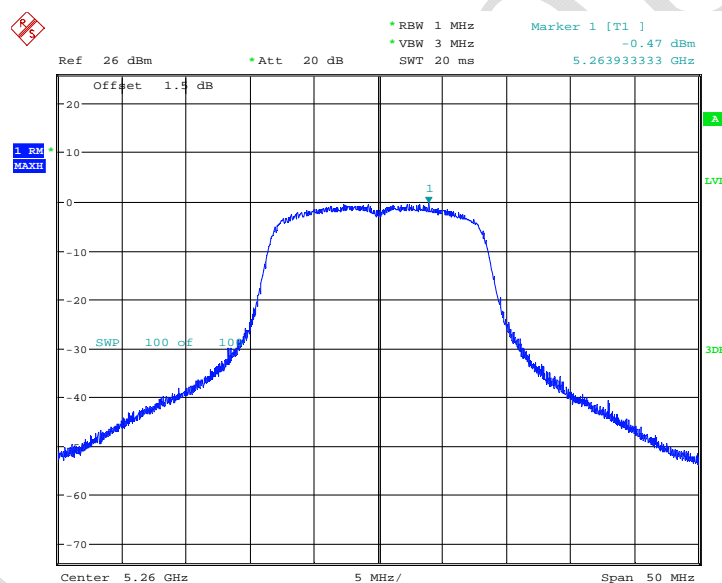
Fig. 132 Power Spectral Density 802.11a ANT1 CH44

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Date: 21.MAR.2017 09:46:25

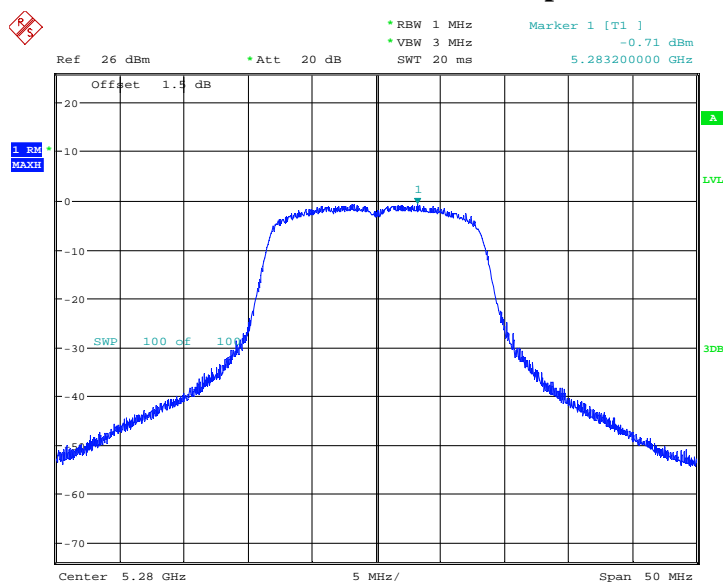
Fig. 133 Power Spectral Density 802.11a ANT1 CH48



Date: 20.MAR.2017 12:54:03

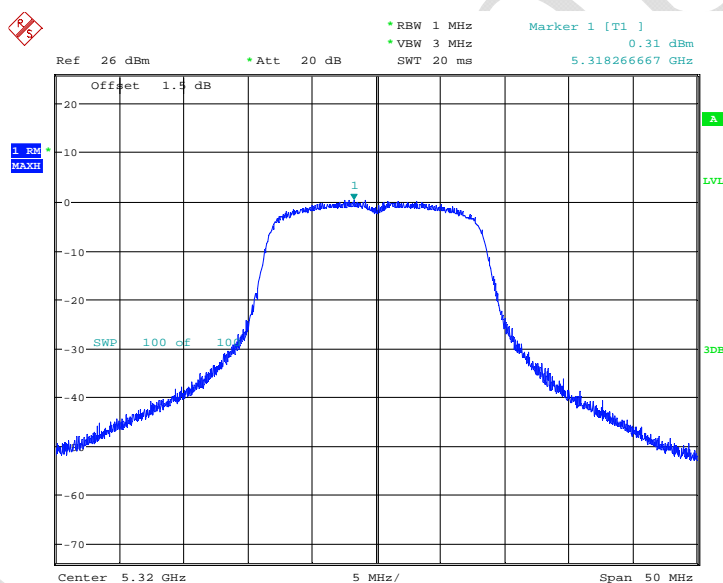
Fig. 134 Power Spectral Density 802.11a ANT1 CH52

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Date: 20.MAR.2017 12:54:42

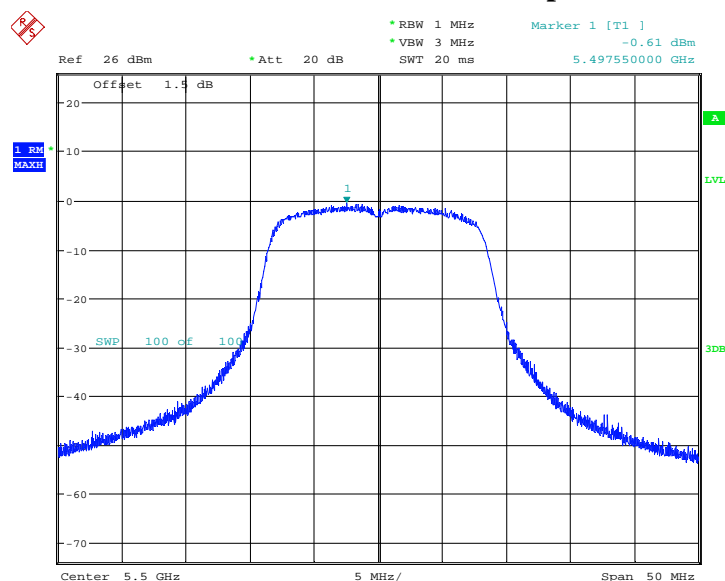
Fig. 135 Power Spectral Density 802.11a ANT1 CH56



Date: 20.MAR.2017 12:55:13

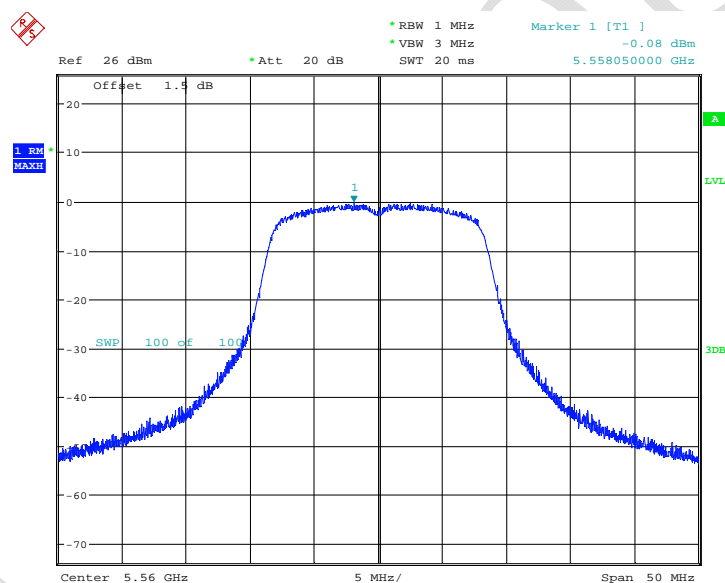
Fig. 136 Power Spectral Density 802.11a ANT1 CH64

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Date: 20.MAR.2017 12:55:36

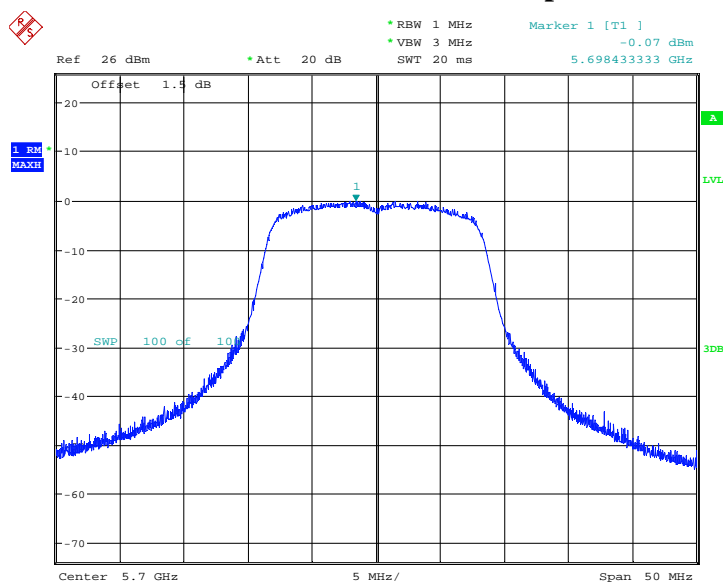
Fig. 137 Power Spectral Density 802.11a ANT1 CH100



Date: 20.MAR.2017 12:56:02

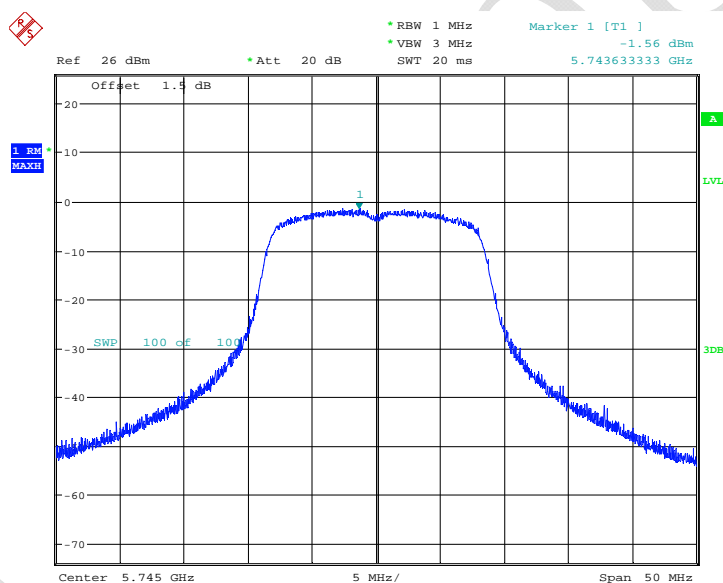
Fig. 138 Power Spectral Density 802.11a ANT1 CH112

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Date: 20.MAR.2017 12:56:24

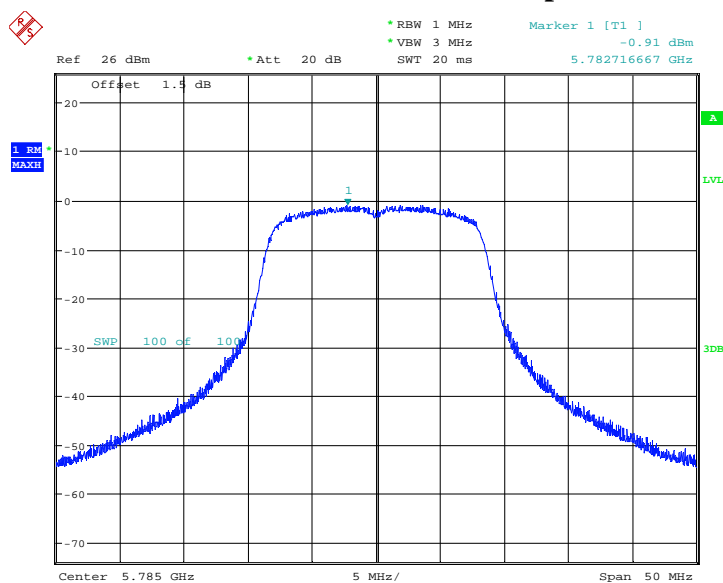
Fig. 139 Power Spectral Density 802.11a ANT1 CH140



Date: 20.MAR.2017 12:56:51

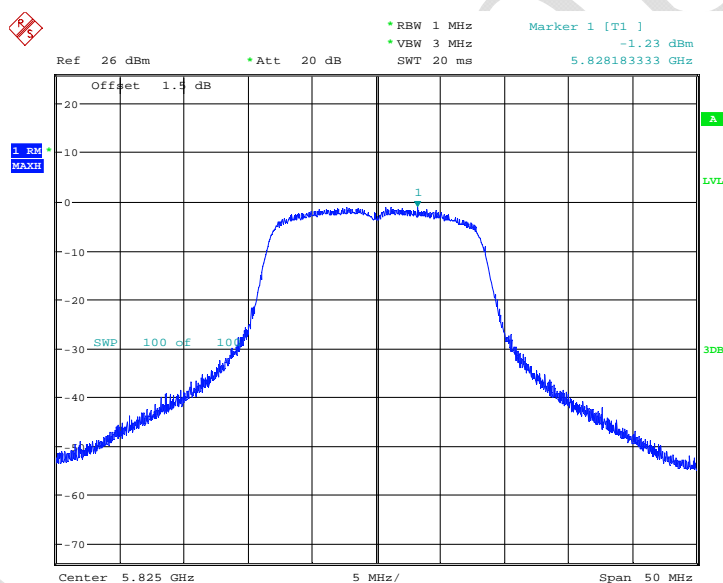
Fig. 140 Power Spectral Density 802.11a ANT1 CH149

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Date: 20.MAR.2017 12:57:12

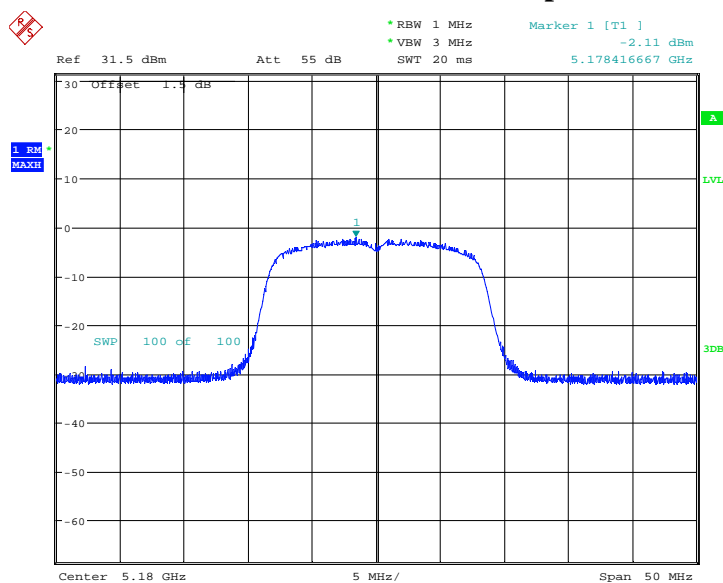
Fig. 141 Power Spectral Density 802.11a ANT1 CH157



Date: 20.MAR.2017 12:57:35

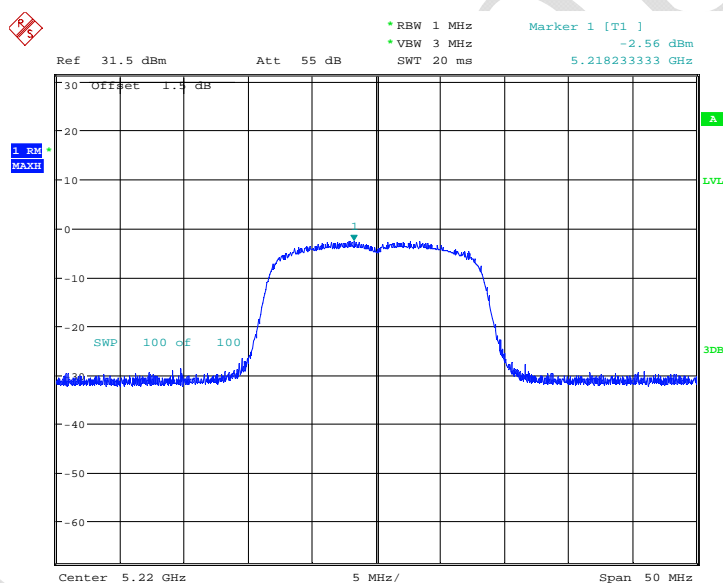
Fig. 142 Power Spectral Density 802.11a ANT1 CH165

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Date: 21.MAR.2017 09:54:22

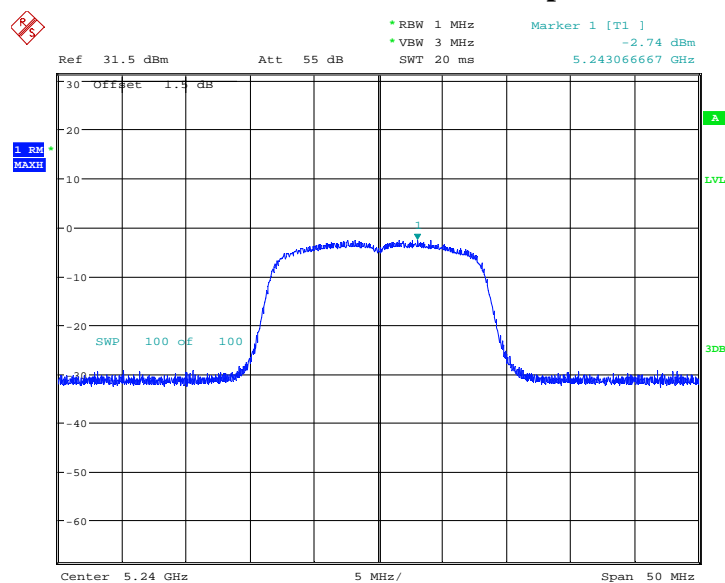
Fig. 143 Power Spectral Density 802.11a ANT2 CH36



Date: 21.MAR.2017 09:55:01

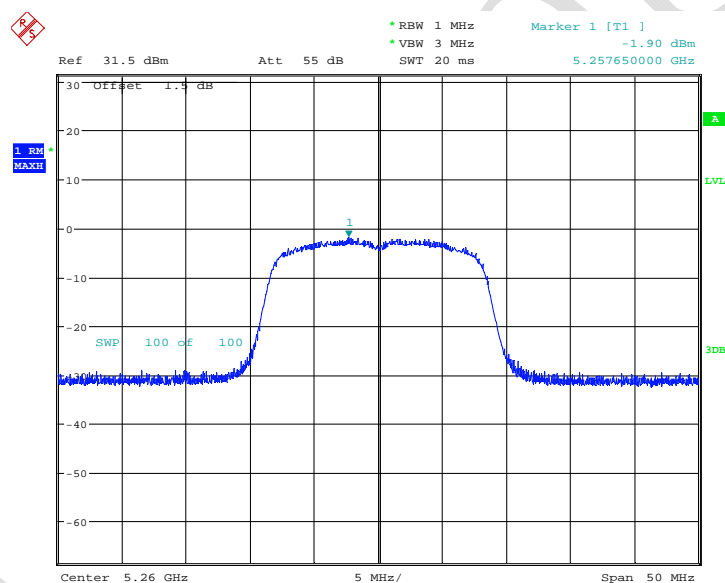
Fig. 144 Power Spectral Density 802.11a ANT2 CH44

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Date: 21.MAR.2017 09:58:38

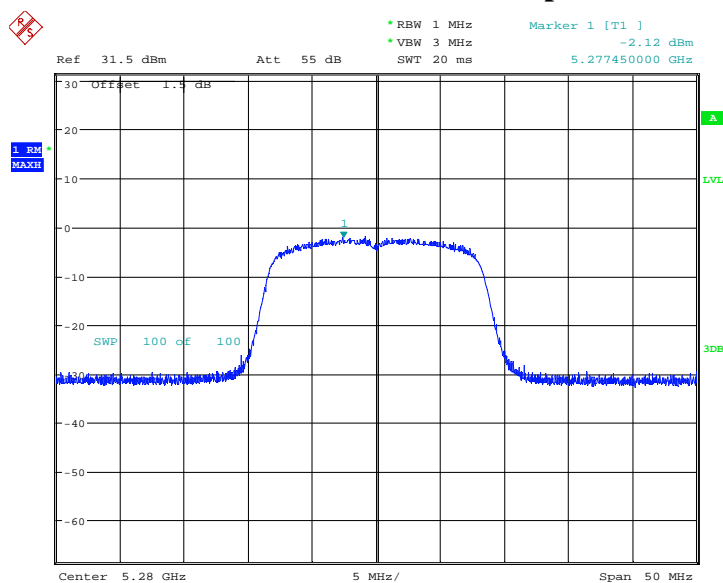
Fig. 145 Power Spectral Density 802.11a ANT2 CH48



Date: 21.MAR.2017 10:00:11

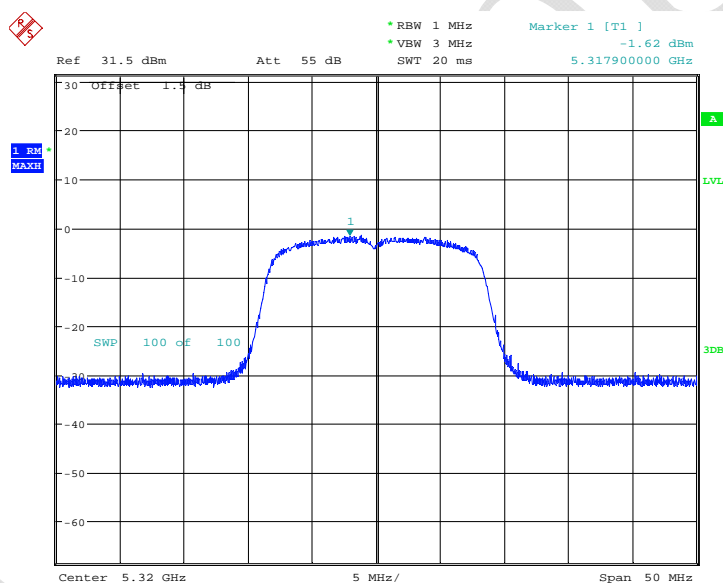
Fig. 146 Power Spectral Density 802.11a ANT2 CH52

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Date: 21.MAR.2017 10:00:43

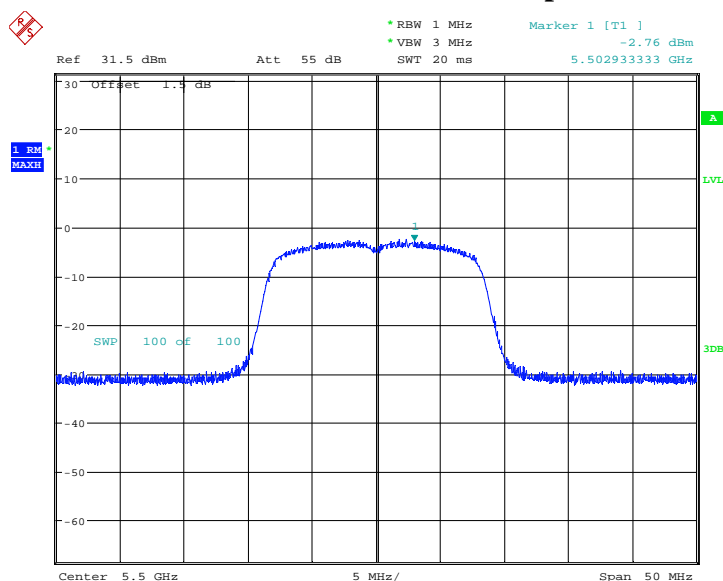
Fig. 147 Power Spectral Density 802.11a ANT2 CH56



Date: 21.MAR.2017 10:01:13

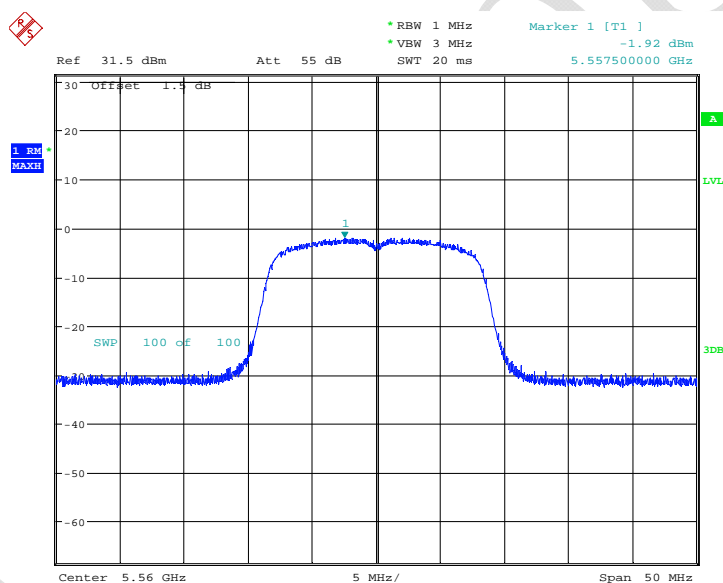
Fig. 148 Power Spectral Density 802.11a ANT2 CH64

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Date: 21.MAR.2017 10:01:44

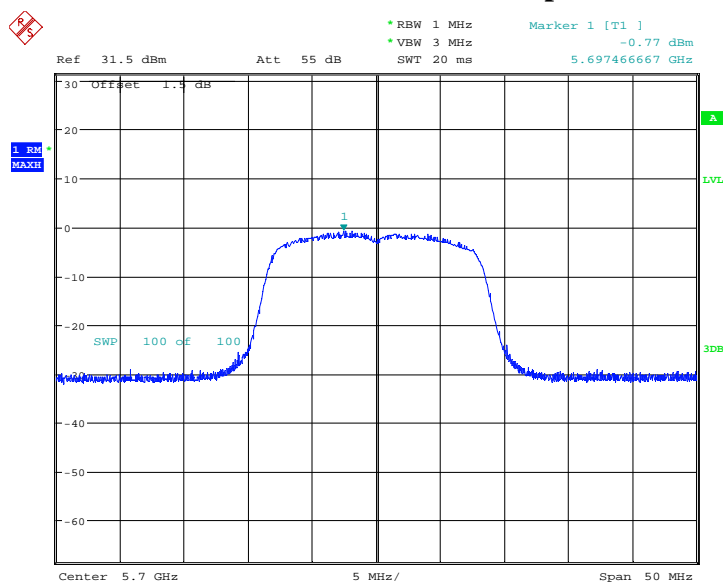
Fig. 149 Power Spectral Density 802.11a ANT2 CH100



Date: 21.MAR.2017 10:02:11

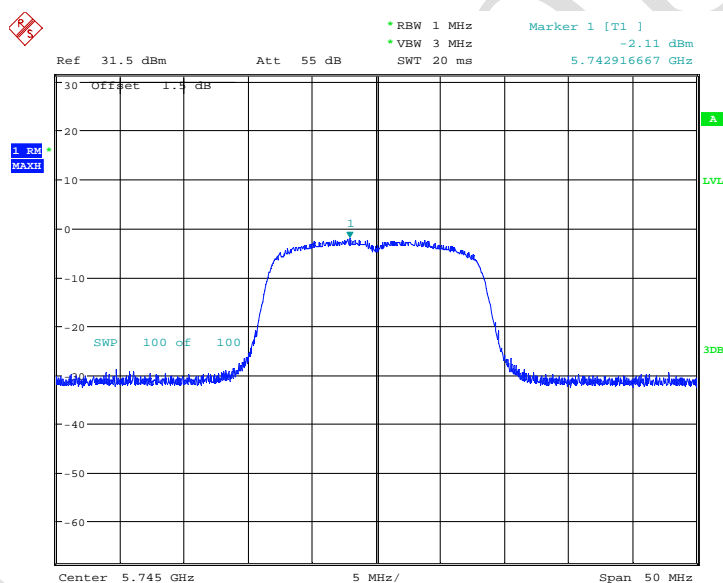
Fig. 150 Power Spectral Density 802.11a ANT2 CH112

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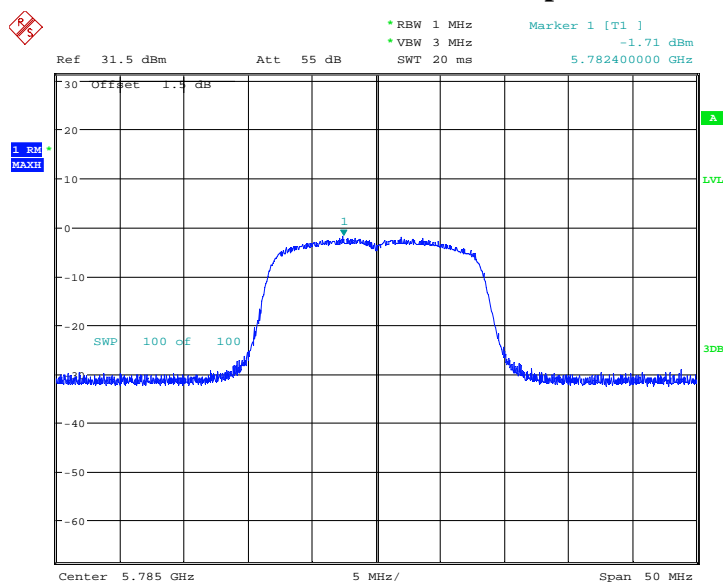
Date: 21.MAR.2017 10:15:13

Fig. 151 Power Spectral Density 802.11a ANT2 CH140



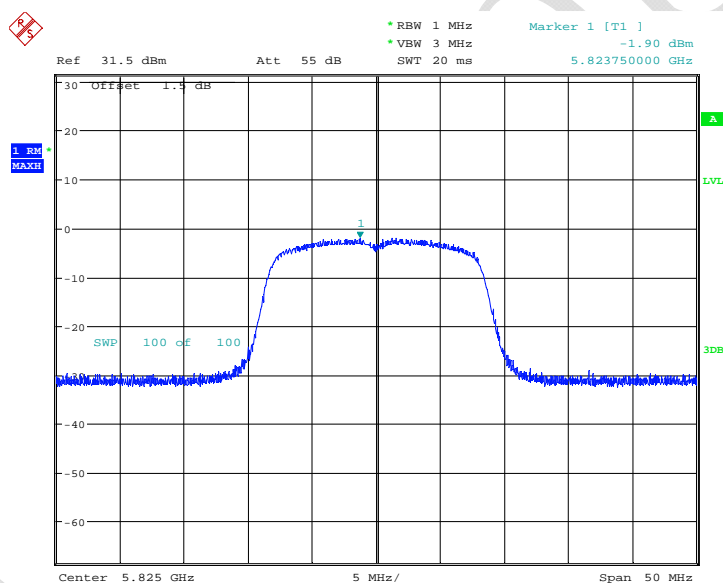
Date: 21.MAR.2017 10:15:49

Fig. 152 Power Spectral Density 802.11a ANT2 CH149



Date: 21.MAR.2017 10:16:17

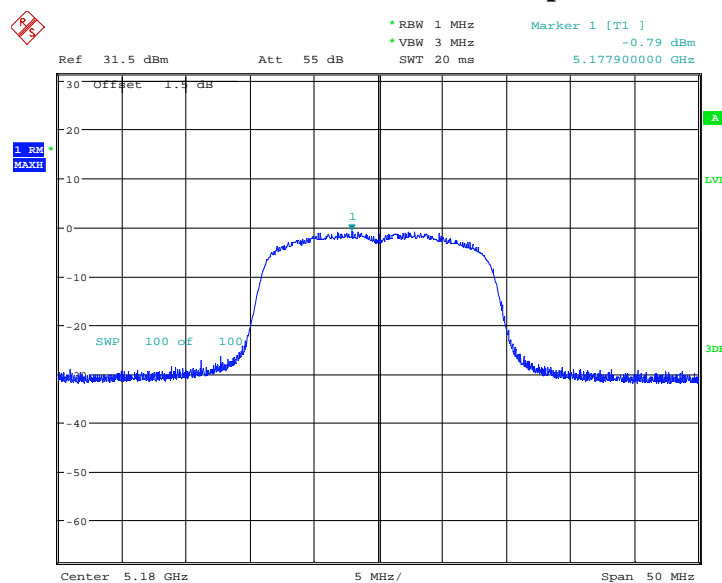
Fig. 153 Power Spectral Density 802.11a ANT2 CH157



Date: 21.MAR.2017 10:16:43

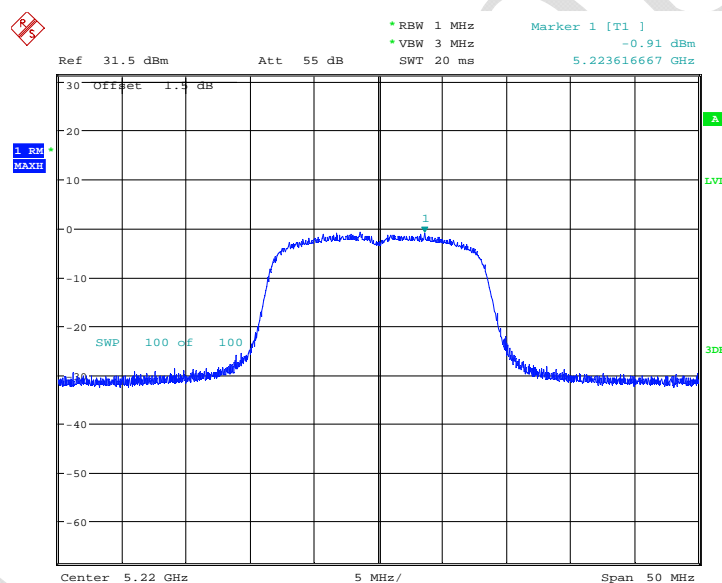
Fig. 154 Power Spectral Density 802.11a ANT2 CH165

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Date: 21.MAR.2017 09:47:31

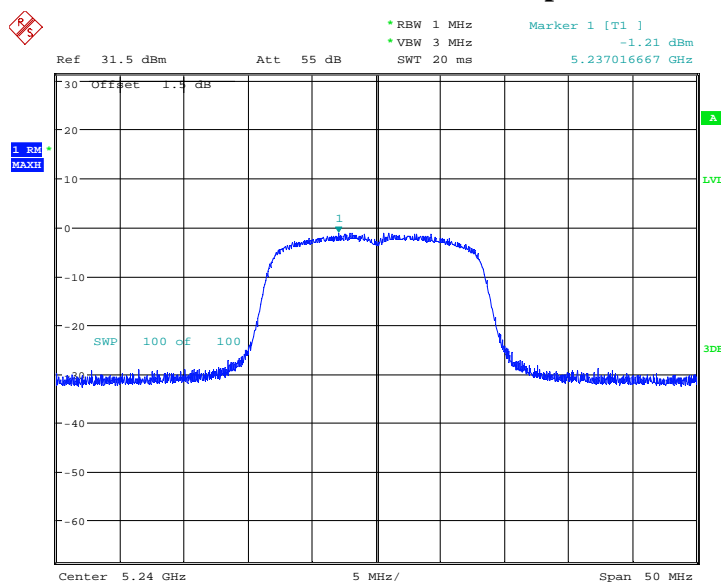
Fig. 155 Power Spectral Density 802.11n 20MHz ANT1 CH36



Date: 21.MAR.2017 09:48:11

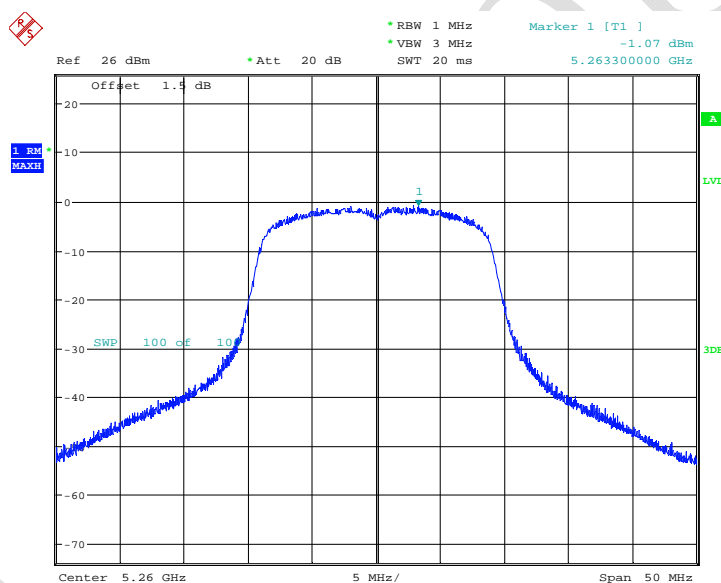
Fig. 156 Power Spectral Density 802.11n 20MHz ANT1 CH44

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Date: 21.MAR.2017 09:48:38

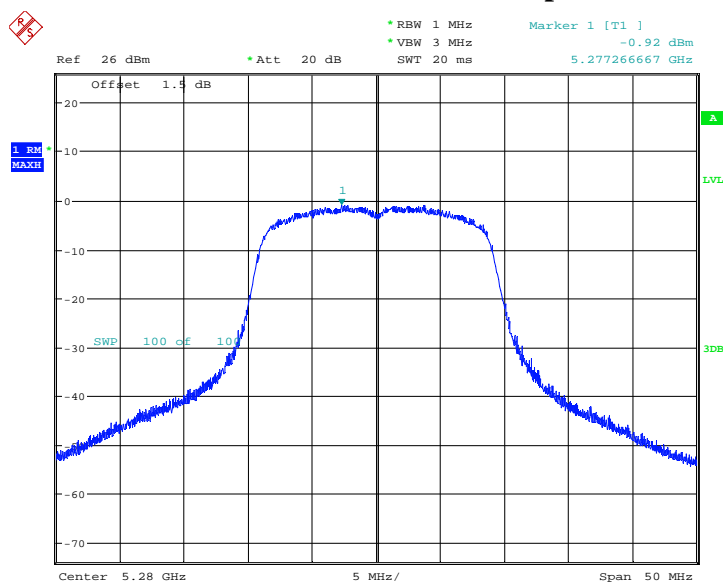
Fig. 157 Power Spectral Density 802.11n 20MHz ANT1 CH48



Date: 20.MAR.2017 12:58:14

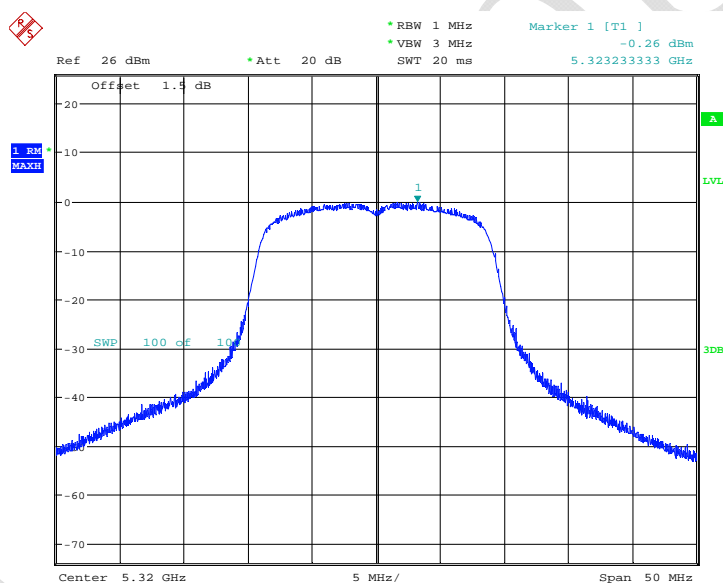
Fig. 158 Power Spectral Density 802.11n 20MHz ANT1 CH52

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Date: 20.MAR.2017 12:58:37

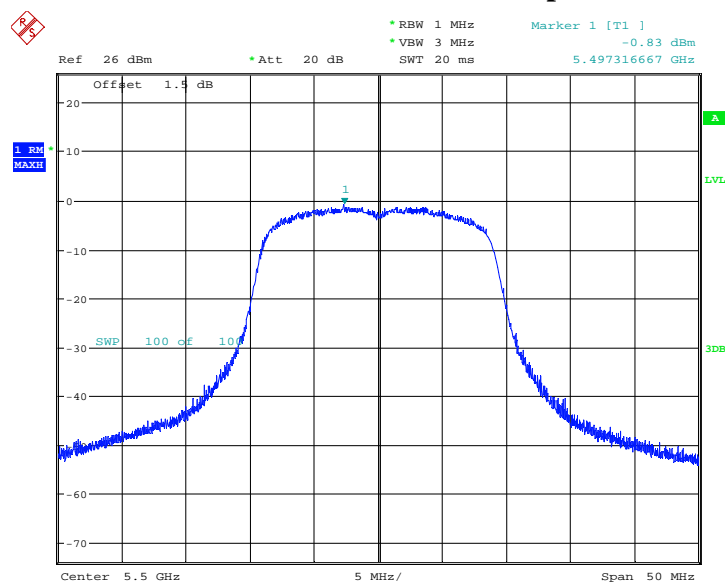
Fig. 159 Power Spectral Density 802.11n 20MHz ANT1 CH56



Date: 20.MAR.2017 12:59:04

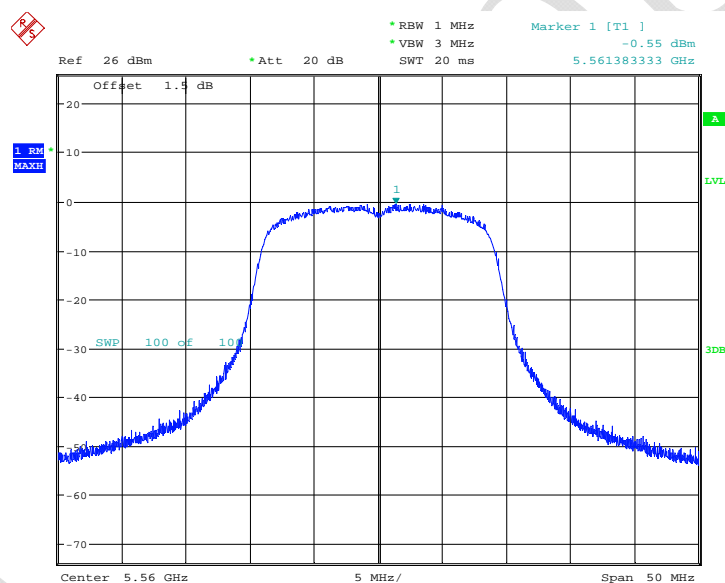
Fig. 160 Power Spectral Density 802.11n 20MHz ANT1 CH64

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Date: 20.MAR.2017 12:59:33

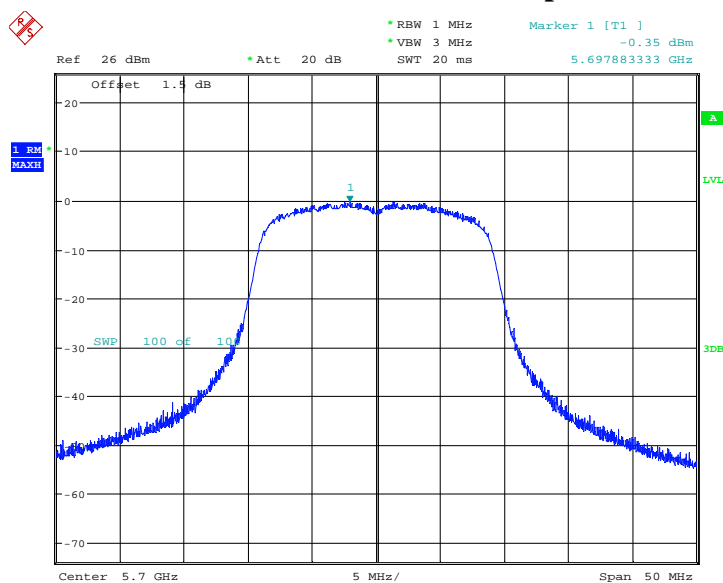
Fig. 161 Power Spectral Density 802.11n 20MHz ANT1 CH100



Date: 20.MAR.2017 13:00:01

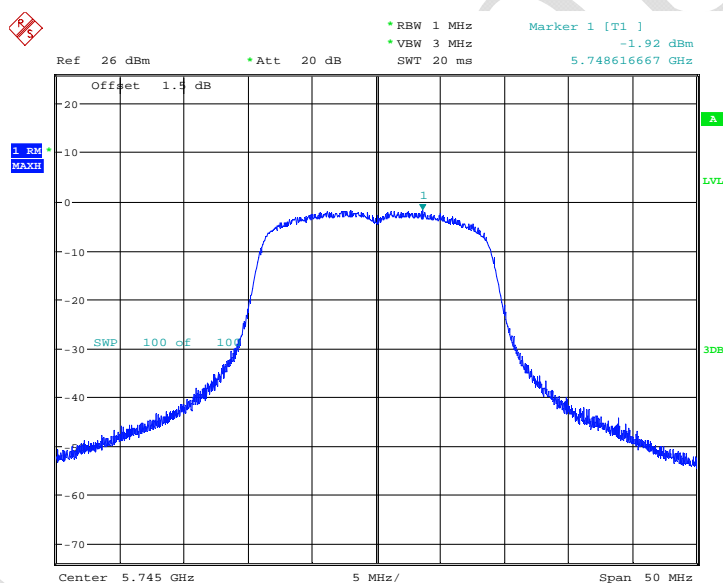
Fig. 162 Power Spectral Density 802.11n 20MHz ANT1 CH112

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Date: 20.MAR.2017 13:00:32

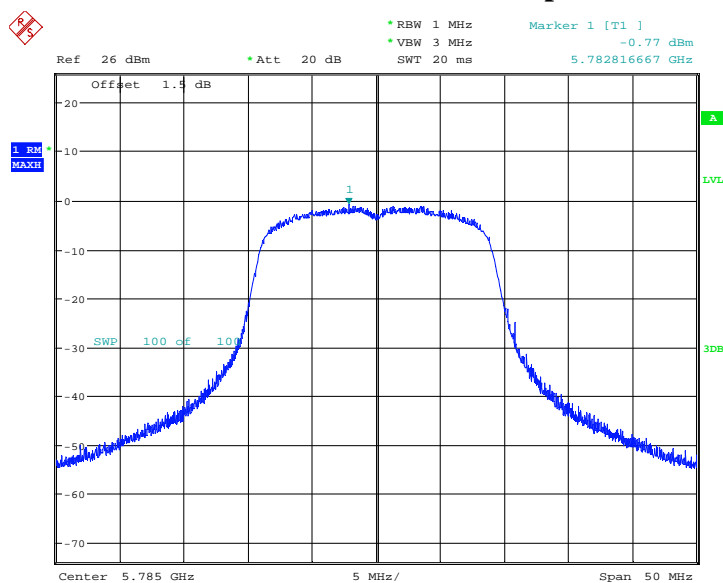
Fig. 163 Power Spectral Density 802.11n 20MHz ANT1 CH140



Date: 20.MAR.2017 13:00:58

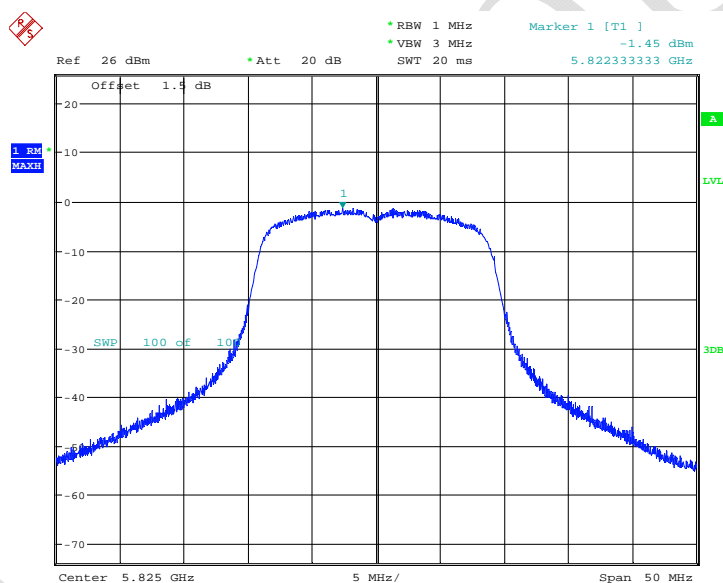
Fig. 164 Power Spectral Density 802.11n 20MHz ANT1 CH149

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Date: 20.MAR.2017 13:01:21

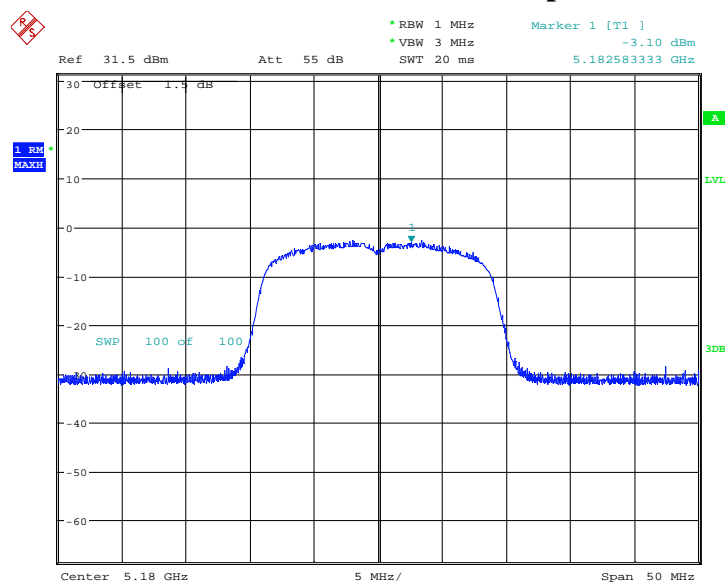
Fig. 165 Power Spectral Density 802.11n 20MHz ANT1 CH157



Date: 20.MAR.2017 13:01:47

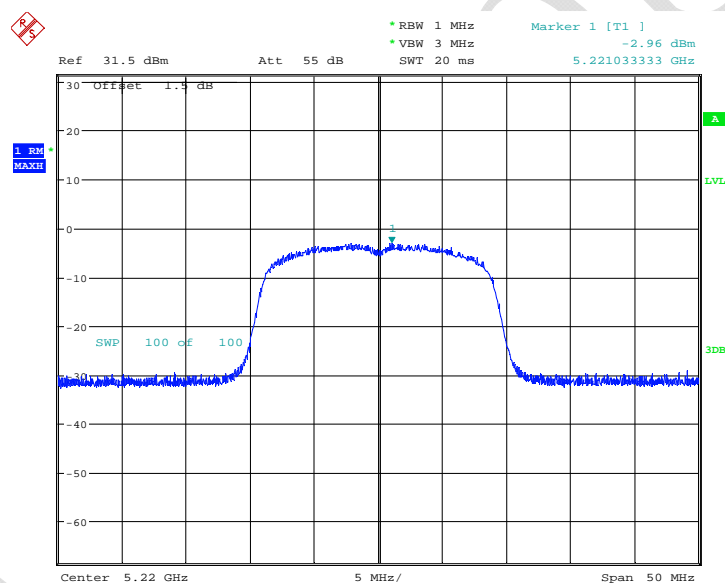
Fig. 166 Power Spectral Density 802.11n 20MHz ANT1 CH165

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Date: 21.MAR.2017 10:17:37

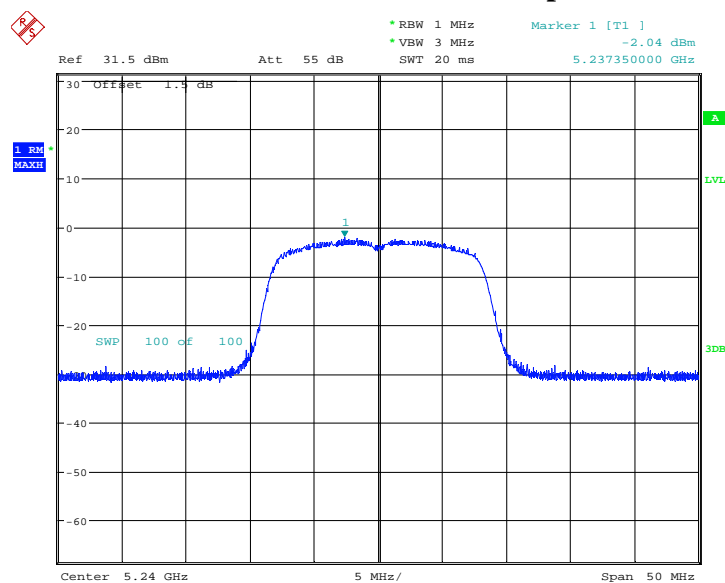
Fig. 167 Power Spectral Density 802.11n 20MHz ANT2 CH36



Date: 21.MAR.2017 10:18:13

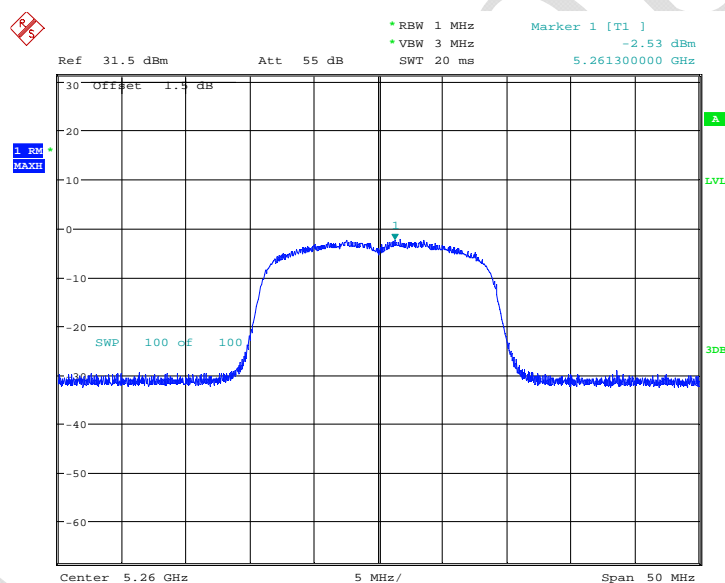
Fig. 168 Power Spectral Density 802.11n 20MHz ANT2 CH44

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Date: 21.MAR.2017 10:21:13

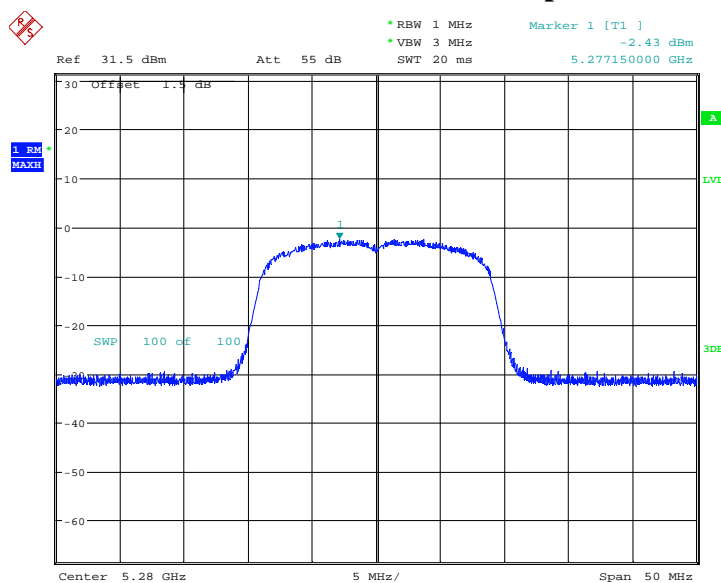
Fig. 169 Power Spectral Density 802.11n 20MHz ANT2 CH48



Date: 21.MAR.2017 10:21:54

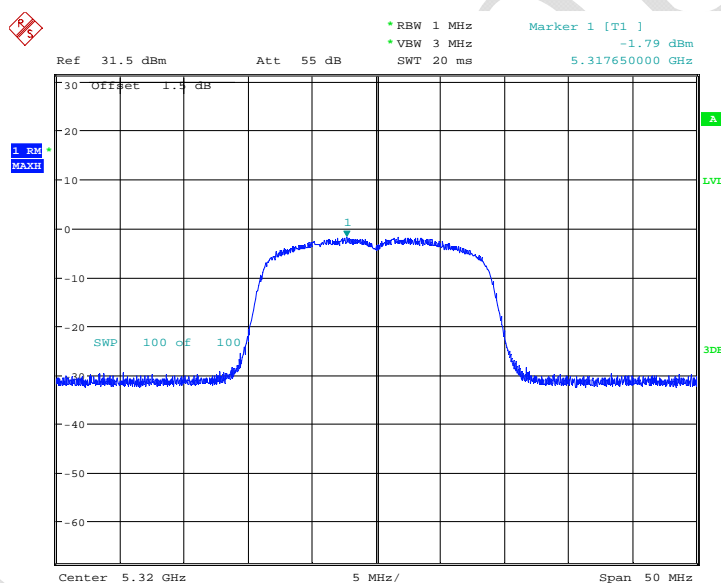
Fig. 170 Power Spectral Density 802.11n 20MHz ANT2 CH52

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Date: 21.MAR.2017 10:22:23

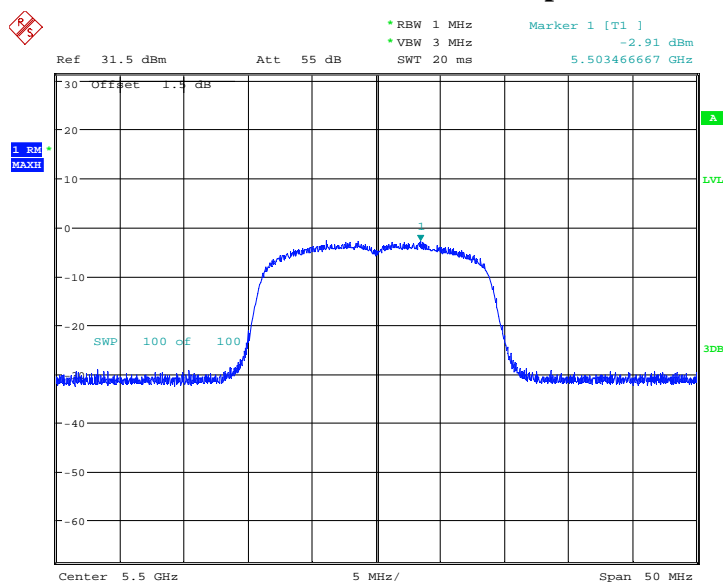
Fig. 171 Power Spectral Density 802.11n 20MHz ANT2 CH56



Date: 21.MAR.2017 10:23:05

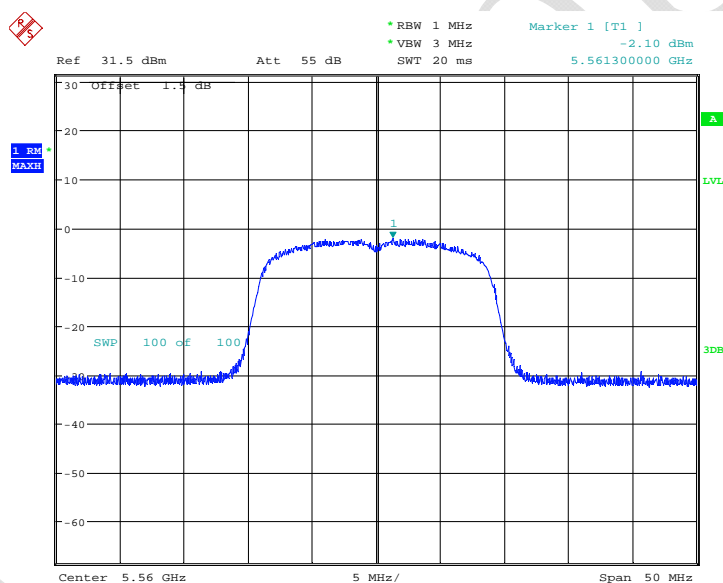
Fig. 172 Power Spectral Density 802.11n 20MHz ANT2 CH64

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Date: 21.MAR.2017 10:23:40

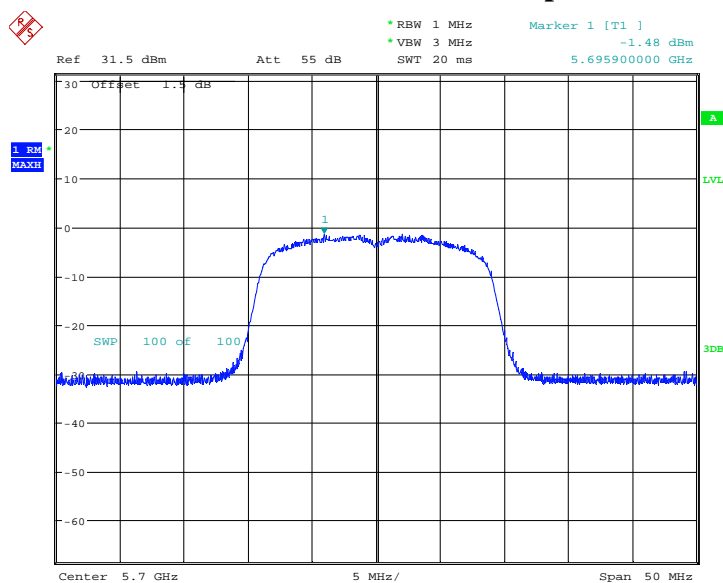
Fig. 173 Power Spectral Density 802.11n 20MHz ANT2 CH100



Date: 21.MAR.2017 10:24:09

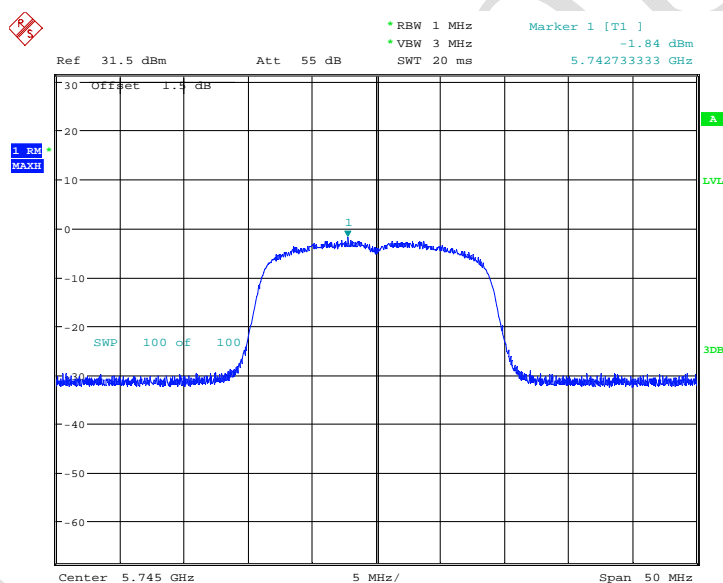
Fig. 174 Power Spectral Density 802.11n 20MHz ANT2 CH112

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Date: 21.MAR.2017 10:25:20

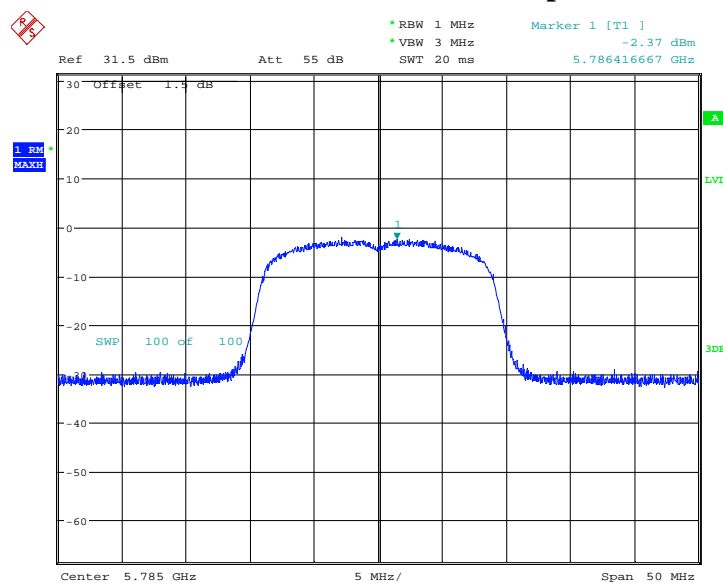
Fig. 175 Power Spectral Density 802.11n 20MHz ANT2 CH140



Date: 21.MAR.2017 10:25:49

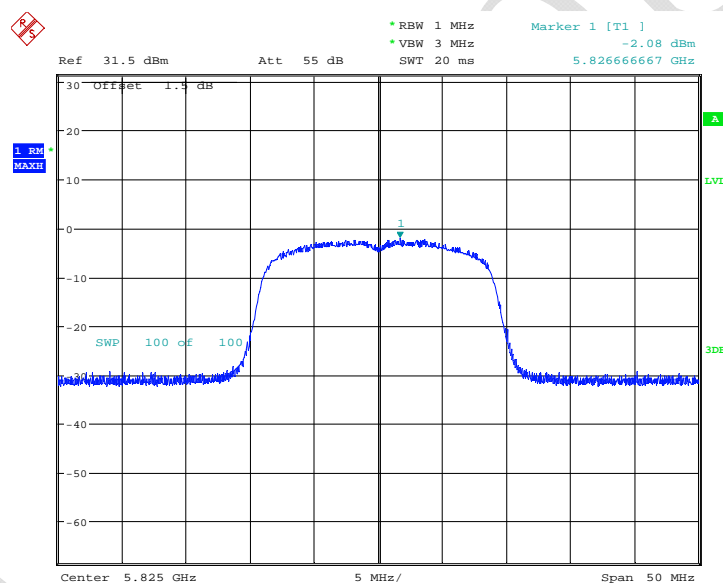
Fig. 176 Power Spectral Density 802.11n 20MHz ANT2 CH149

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Date: 21.MAR.2017 10:26:16

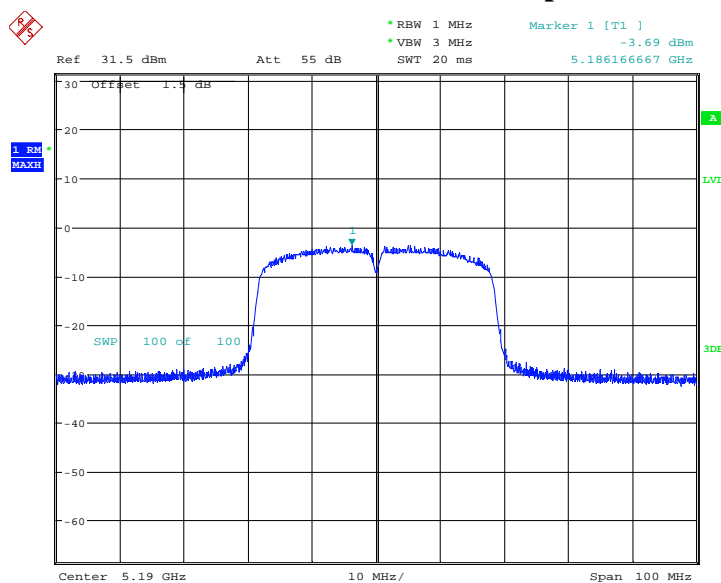
Fig. 177 Power Spectral Density 802.11n 20MHz ANT2 CH157



Date: 21.MAR.2017 10:26:46

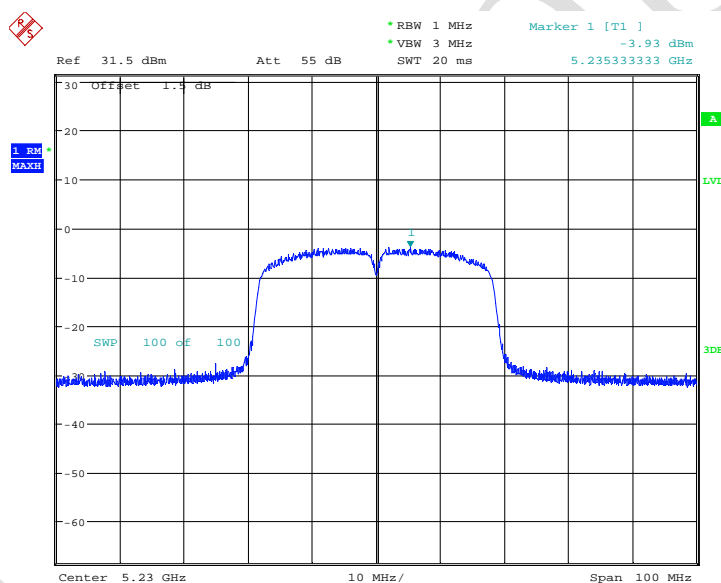
Fig. 178 Power Spectral Density 802.11n 20MHz ANT2 CH165

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Date: 21.MAR.2017 09:49:40

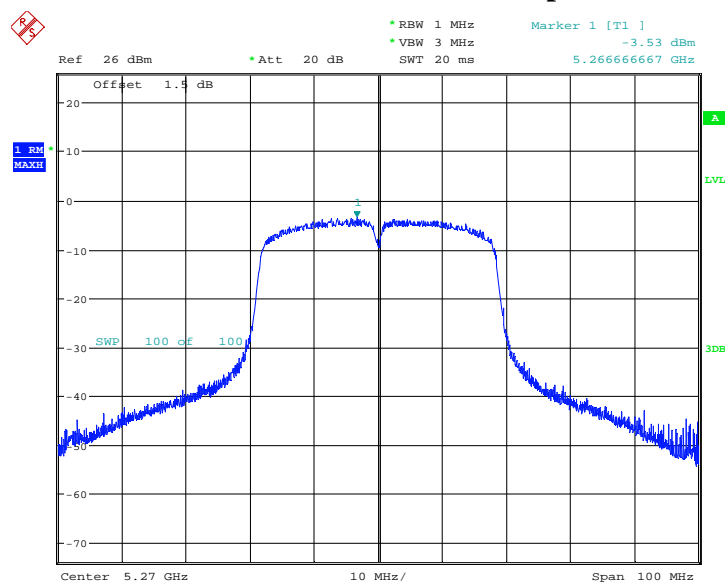
Fig. 179 Power Spectral Density 802.11n 40MHz ANT1 CH38



Date: 21.MAR.2017 09:50:21

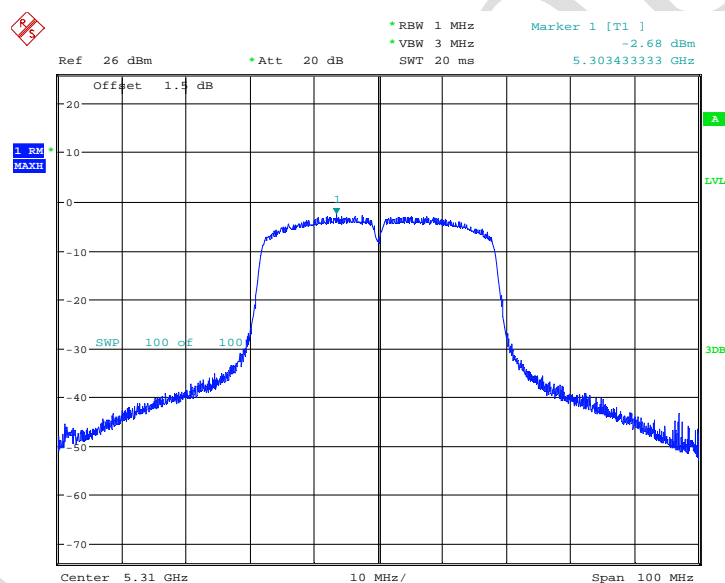
Fig. 180 Power Spectral Density 802.11n 40MHz ANT1 CH46

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Date: 20.MAR.2017 13:02:49

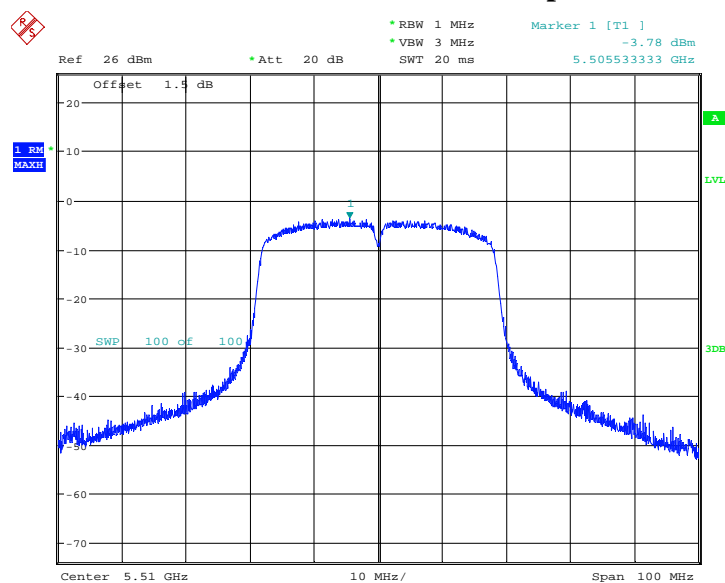
Fig. 181 Power Spectral Density 802.11n 40MHz ANT1 CH54



Date: 20.MAR.2017 13:03:18

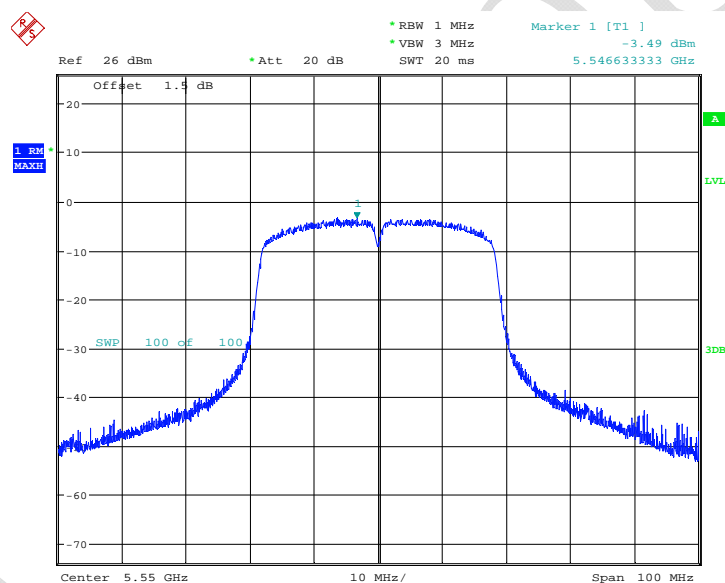
Fig. 182 Power Spectral Density 802.11n 40MHz ANT1 CH62

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Date: 20.MAR.2017 13:03:47

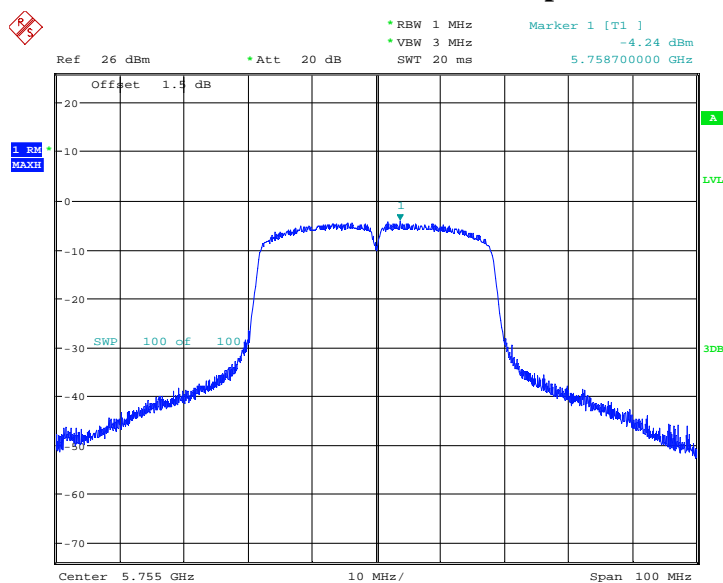
Fig. 183 Power Spectral Density 802.11n 40MHz ANT1 CH102



Date: 20.MAR.2017 13:04:15

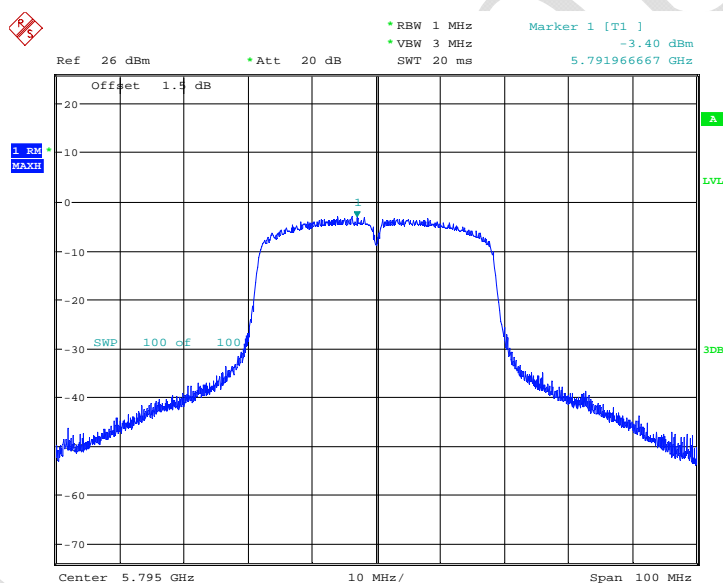
Fig. 184 Power Spectral Density 802.11n 40MHz ANT1 CH110

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Date: 20.MAR.2017 13:04:47

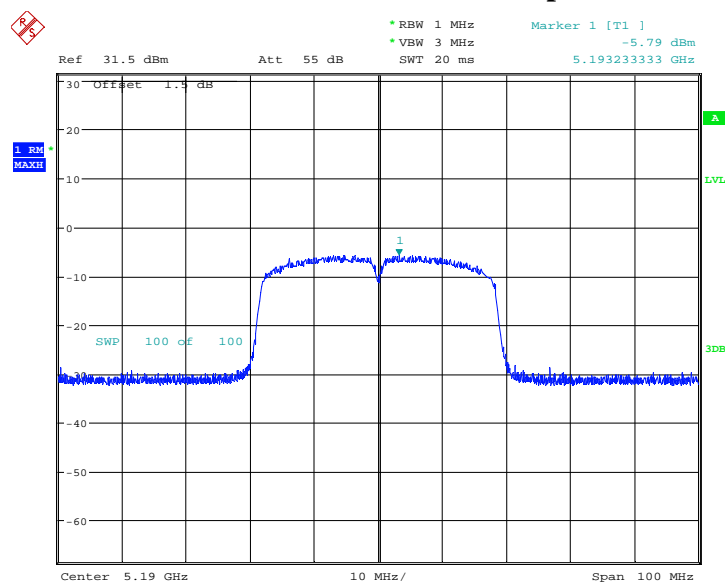
Fig. 185 Power Spectral Density 802.11n 40MHz ANT1 CH151



Date: 20.MAR.2017 13:05:23

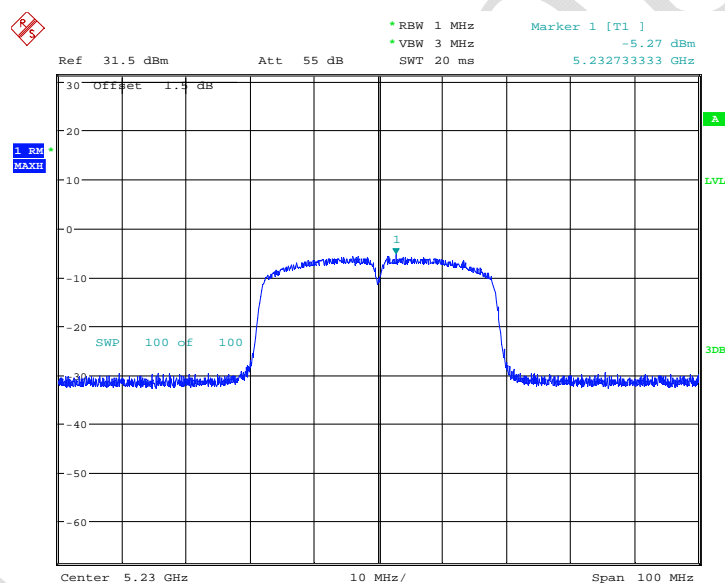
Fig. 186 Power Spectral Density 802.11n 40MHz ANT1 CH159

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Date: 21.MAR.2017 10:28:26

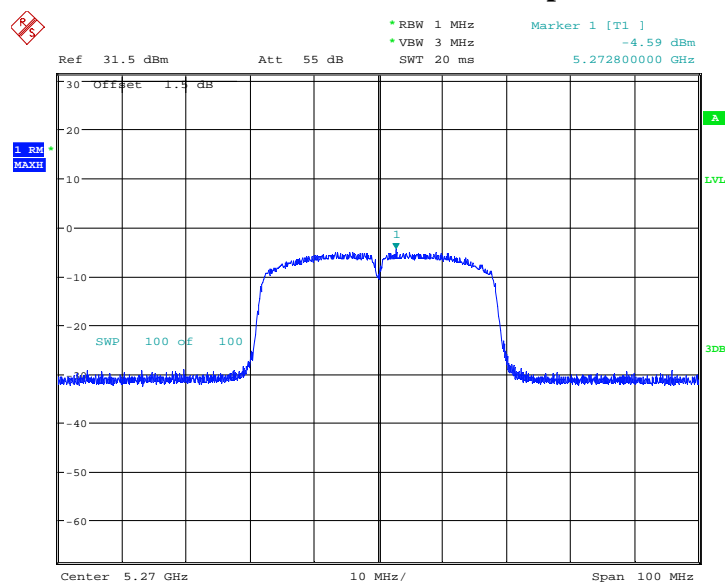
Fig. 187 Power Spectral Density 802.11n 40MHz ANT2 CH38



Date: 21.MAR.2017 10:29:01

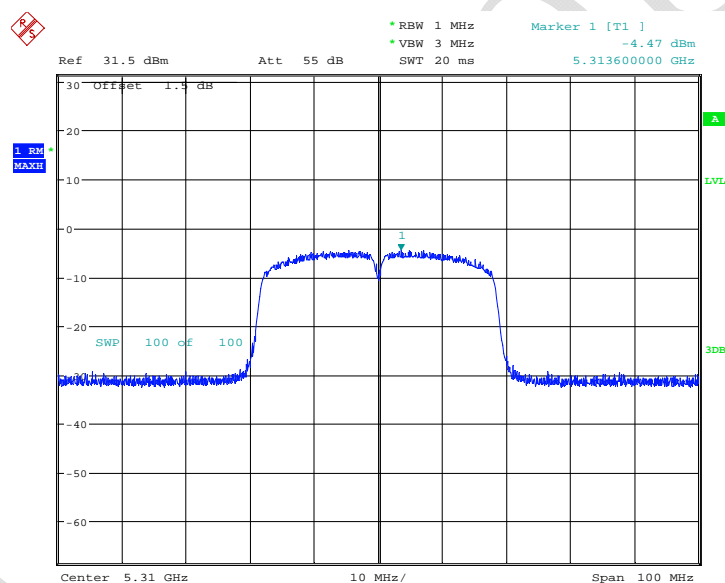
Fig. 188 Power Spectral Density 802.11n 40MHz ANT2 CH46

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Date: 21.MAR.2017 10:32:03

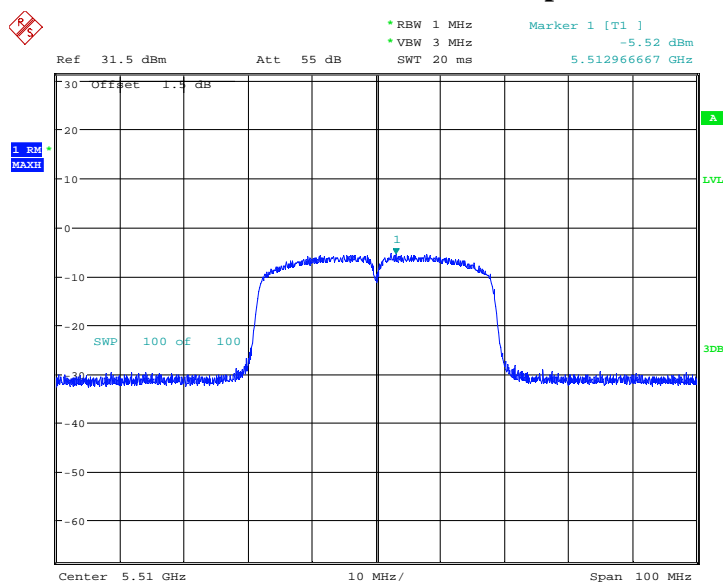
Fig. 189 Power Spectral Density 802.11n 40MHz ANT2 CH54



Date: 21.MAR.2017 10:37:28

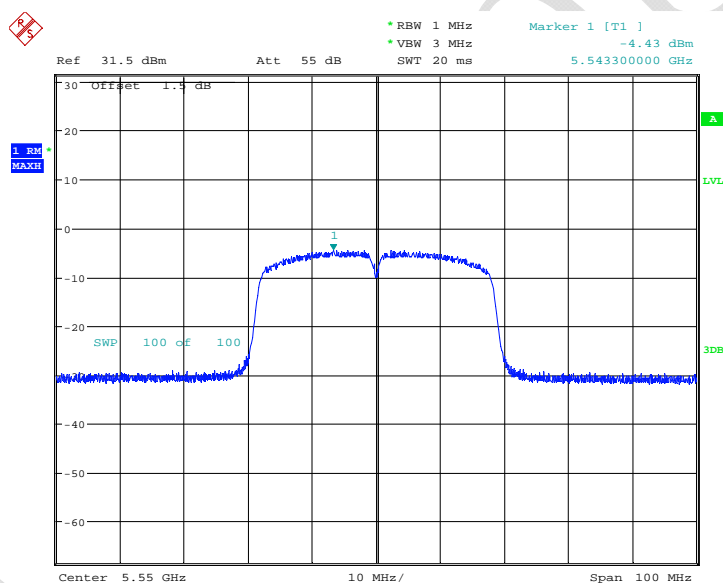
Fig. 190 Power Spectral Density 802.11n 40MHz ANT2 CH62

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Date: 21.MAR.2017 10:38:02

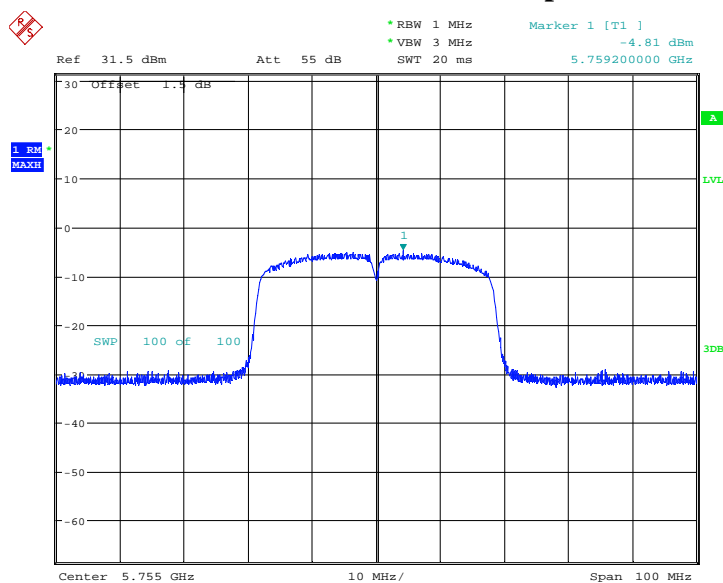
Fig. 191 Power Spectral Density 802.11n 40MHz ANT2 CH102



Date: 21.MAR.2017 10:39:50

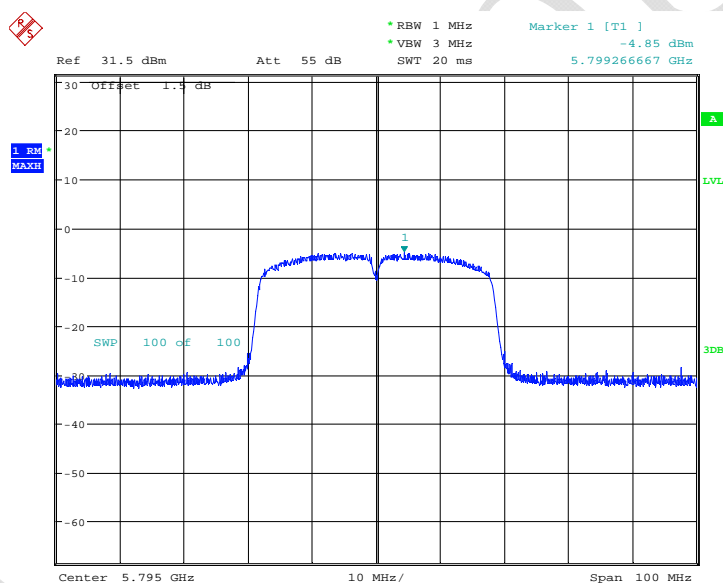
Fig. 192 Power Spectral Density 802.11n 40MHz ANT2 CH110

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Date: 21.MAR.2017 10:40:31

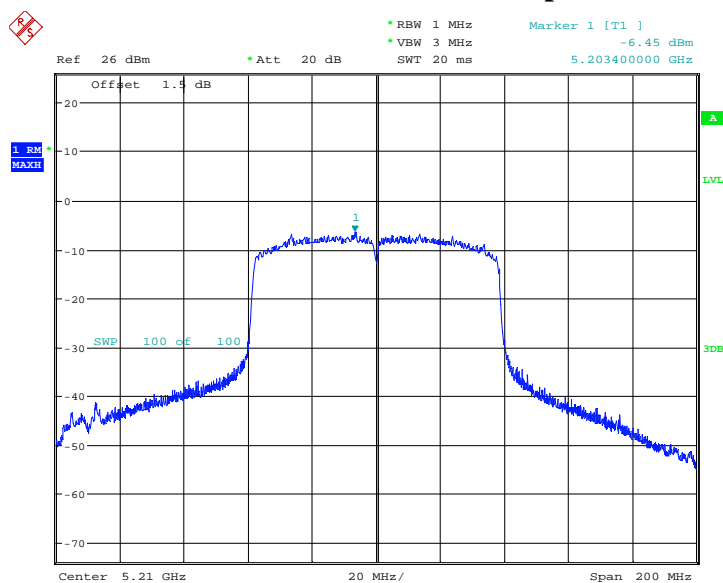
Fig. 193 Power Spectral Density 802.11n 40MHz ANT2 CH151



Date: 21.MAR.2017 10:41:06

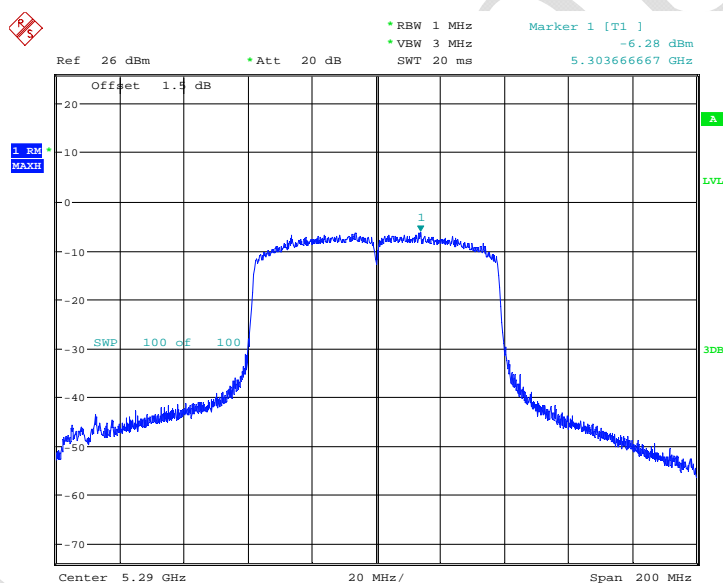
Fig. 194 Power Spectral Density 802.11n 40MHz ANT2 CH159

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Date: 20.MAR.2017 13:08:24

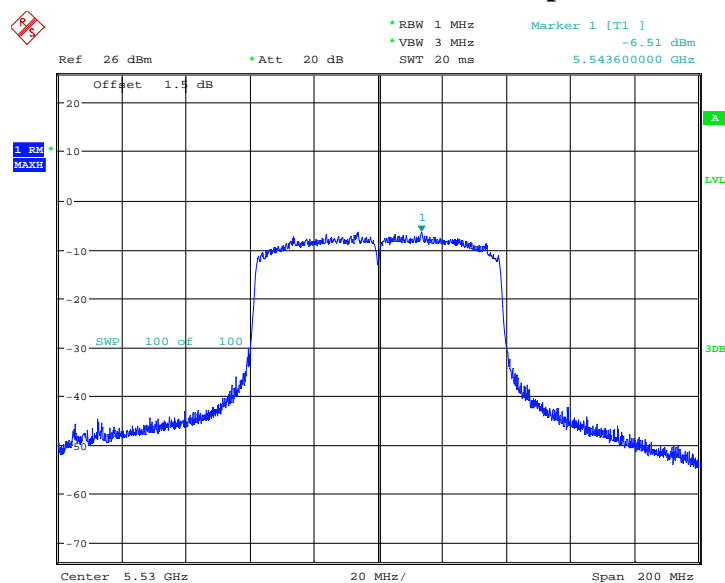
Fig. 195 Power Spectral Density 802.11ac 80MHz ANT1 CH42



Date: 20.MAR.2017 13:08:58

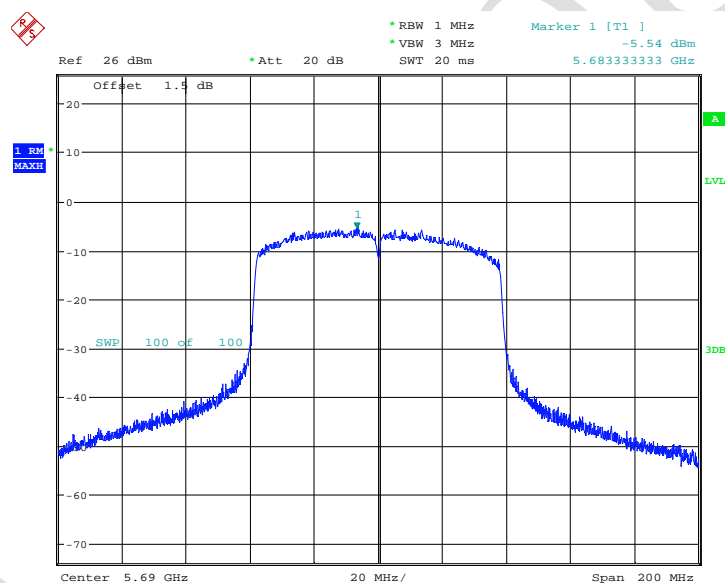
Fig. 196 Power Spectral Density 802.11ac 80MHz ANT1 CH58

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Date: 20.MAR.2017 13:09:32

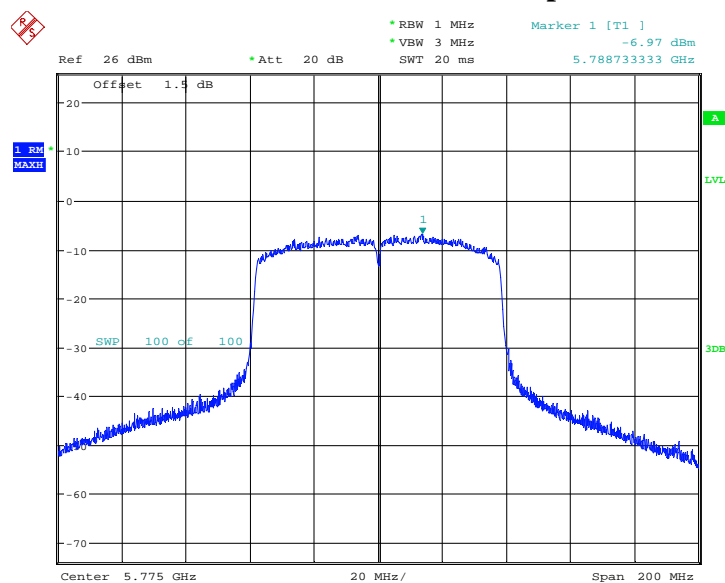
Fig. 197 Power Spectral Density 802.11ac 80MHz ANT1 CH106



Date: 20.MAR.2017 13:10:05

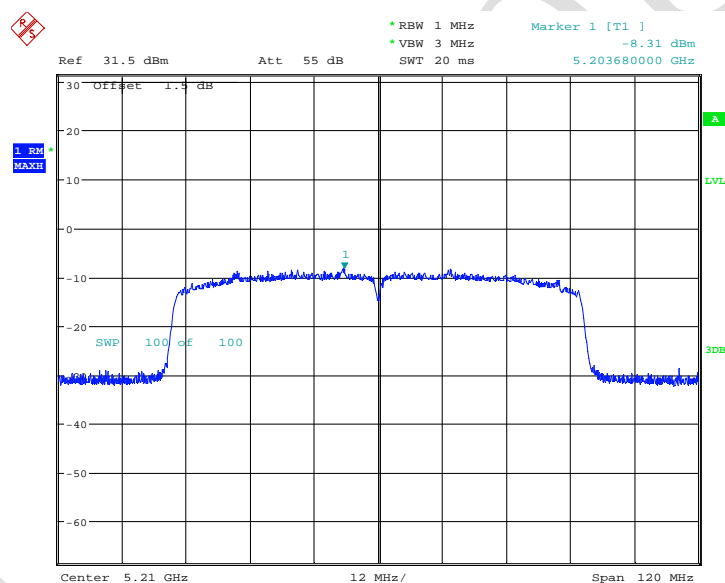
Fig. 198 Power Spectral Density 802.11ac 80MHz ANT1 CH138

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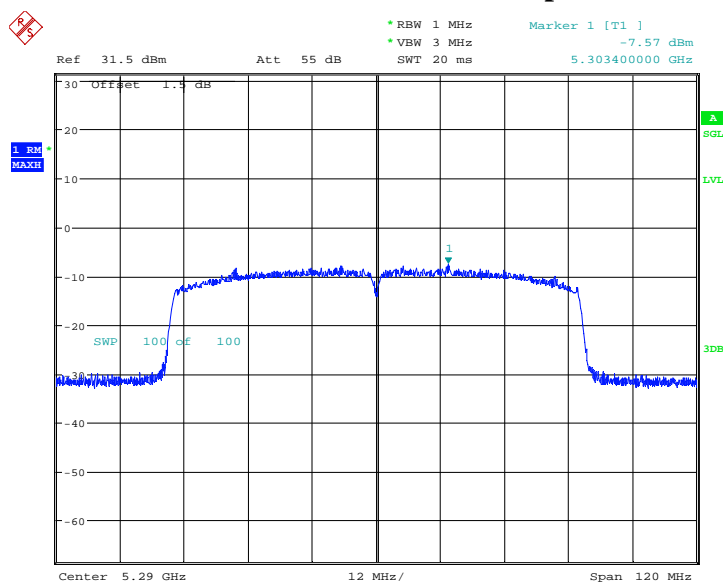
Fig. 199 Power Spectral Density 802.11ac 80MHz ANT1 CH155



Date: 21.MAR.2017 10:48:04

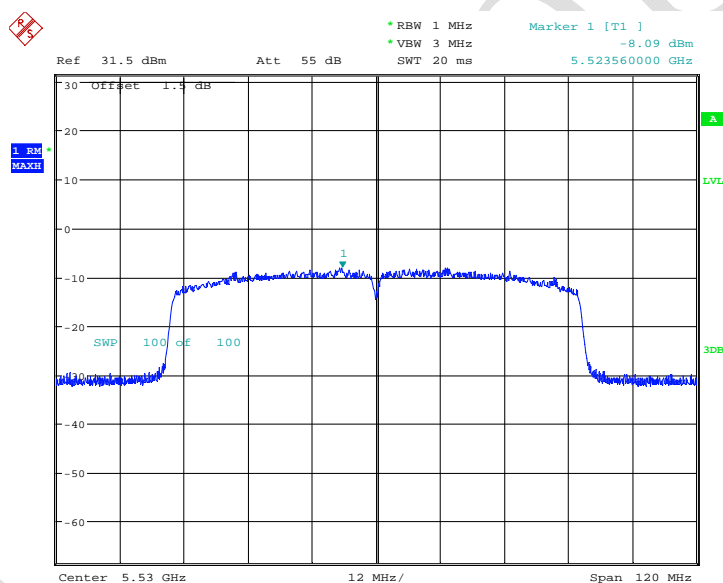
Fig. 200 Power Spectral Density 802.11ac 80MHz ANT2 CH42

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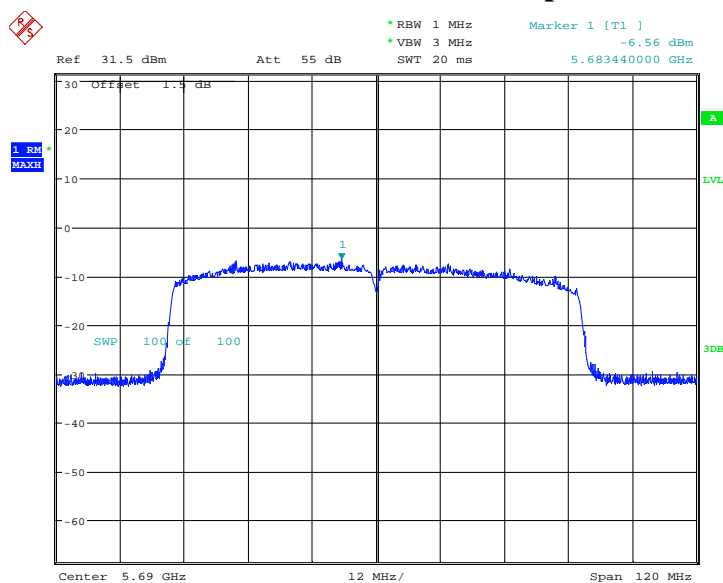
Fig. 201 Power Spectral Density 802.11ac 80MHz ANT2 CH58



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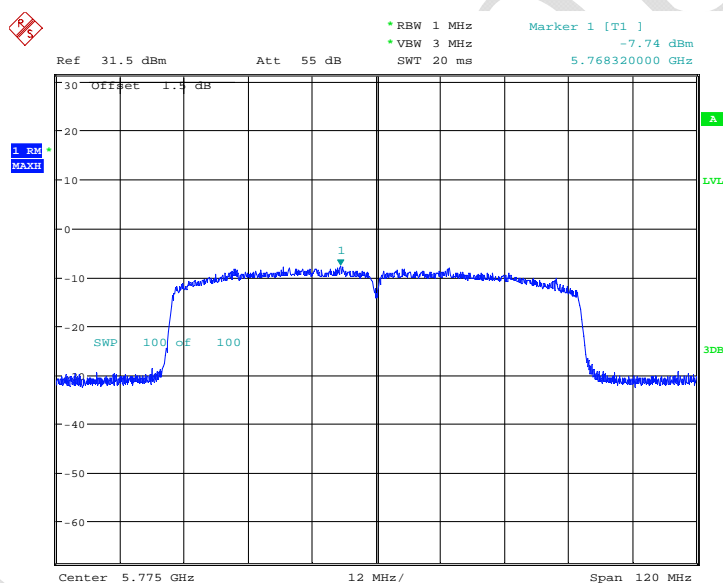
Fig. 202 Power Spectral Density 802.11ac 80MHz ANT2 CH106

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Fig. 203 Power Spectral Density 802.11ac 80MHz ANT2 CH138



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Fig. 204 Power Spectral Density 802.11ac 80MHz ANT2 CH155