FCC Test Report
(Class II Permissive Change)

Product Name	Intel® Wireless-AC 9260
Model No	9260NGW
FCC ID	PD99260NG

Applicant	Intel Mobile Communications
Address	100 Center Point Circle, Suite 200 Columbia, South Carolina 29210 USA

Date of Receipt	Sep. 15, 2017
Issued Date	Nov. 06, 2017
Report No.	1790206R-RFUSP06V00
Report Version	V1.0

Testing Laboratory
3023

Test Report

Issued Date: Nov. 06, 2017
Report No.: 1790206R-RFUSP06V00

Product Name	Intel® Wireless-AC 9260
Applicant	Intel Mobile Communications
Address	100 Center Point Circle, Suite 200 Columbia, South Carolina 29210 USA
Manufacturer	Intel Mobile Communications
Model No.	9260NGW
FCC ID.	PD99260NG
EUT Rated Voltage	DC 3.3V
EUT Test Voltage	AC 120V/60Hz
Trade Name	Intel
Applicable Standard	FCC CFR Title 47 Part 15 Subpart E: 2015 ANSI C63.4: 2014, ANSI C63.10: 2013 789033 D02 General UNII Test Procedures New Rules v01r03
Test Result	Complied

Documented By : Genie Chang

(Senior Adm. Specialist / Genie Chang)

Tested By : Kevin Liu

(Engineer / Kevin Liu)

Approved By :

(Director / Vincent Lin)

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1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Intel® Wireless-AC 9260
Trade Name	Intel
FCC ID.	PD99260NG
Model No.	9260NGW
Frequency Range	802.11a/n-20MHz: 5180-5320MHz, 5500-5700MHz, 5745-5825MHz 802.11n-40MHz: 5190-5310, 5510-5670MHz, 5755-5795MHz 802.11ac-20MHz: 5720MHz, 802.11ac-40MHz: 5710MHz 802.11ac-80MHz: 5210-5290MHz, 5530-5690MHz, 5775MHz 802.11ac-160MHz: 5250MHz, 5570MHz
Number of Channels	802.11a/n-20MHz: 24; 802.11n-40MHz: 11 802.11ac-20MHz: 1, 802.11ac-40MHz: 1, 802.11ac-80MHz: 6, 802.11ac-160MHz: 2
Data Rate	802.11a: 6 - 54Mbps 802.11n: up to 300Mbps 802.11ac-80MHz: up to 866.7MHz 802.11ac-160MHz: up to 1733MHz
Type of Modulation	802.11a/n/ac:OFDM, BPSK, QPSK, 16QAM, 64QAM, 256QAM
Antenna type	Dipole Antenna
Channel Control	Auto
Antenna Gain	Refer to the table “Antenna List”

Antenna List

No.	Manufacturer	Part No.(Vendor)	Antenna type	Peak Gain
1	WIESON Technologies co ., ltd	GY121HT0321-003-H (Main), (Aux)	Dipole	2.92 dBi for 5.15~5.25GHz 3.19 dBi for 5.25~5.35GHz 4.41 dBi for 5.47~5.725GHz 4.22 dBi for 5.725~5.850GHz

Note: The antenna of EUT is conform to FCC 15.203

802.11a/n-20MHz Center Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 36:	5180 MHz	Channel 40:	5200 MHz	Channel 44:	5220 MHz	Channel 48:	5240 MHz
Channel 52:	5260 MHz	Channel 56:	5280 MHz	Channel 60:	5300 MHz	Channel 64:	5320 MHz
Channel 100:	5500 MHz	Channel 104:	5520 MHz	Channel 108:	5540 MHz	Channel 112:	5560 MHz
Channel 116:	5580 MHz	Channel 120:	5600 MHz	Channel 124:	5620 MHz	Channel 128:	5640 MHz
Channel 132:	5660 MHz	Channel 136:	5680 MHz	Channel 140:	5700 MHz	Channel 149:	5745 MHz
Channel 153:	5765 MHz	Channel 157:	5785 MHz	Channel 161:	5805 MHz	Channel 165:	5825 MHz

802.11n-40MHz Center Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 38:	5190 MHz	Channel 46:	5230 MHz	Channel 54:	5270 MHz	Channel 62:	5310 MHz
Channel 102:	5510 MHz	Channel 110:	5550 MHz	Channel 118:	5590 MHz	Channel 126:	5630 MHz
Channel 134:	5670 MHz	Channel 151:	5755 MHz	Channel 159:	5795 MHz		

802.11ac-20MHz Center Working Frequency of Each Channel:

Channel	Frequency
Channel 144:	5720 MHz

802.11ac-40MHz Center Working Frequency of Each Channel:

Channel	Frequency
Channel 142:	5710 MHz

802.11ac-80MHz Center Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 42:	5210 MHz	Channel 58:	5290 MHz	Channel 106:	5530 MHz	Channel 122:	5610 MHz
Channel 138:	5690 MHz	Channel 155:	5775 MHz				

802.11ac-160MHz Center Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency
Channel 50:	5250 MHz	Channel 144:	5570 MHz

Note:

1. This device is an Intel® Wireless-AC 9260 with a built-in WiGig + 802.11 a/b/g/n/ac Wireless LAN + BDR/EDR 2.1 + BLE 4.2 transceiver, this report for 5GHz WLAN.
2. Lowest and highest data rates are tested in each mode. Only worst case is shown in the report.
3. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart E for Unlicensed National Information Infrastructure devices
4. This is to request a Class II permissive change for FCC ID: PD99260NG, originally granted on 07/24/2017.
   The major change filed under this application is:
   Change #1:
   Addition of new dipole type antenna is different from originally antenna type.
   Manufacturer. WIESON, Part no. GY121HT0321-003-H.

Test Mode	Mode 1 SISO A: Transmit (802.11a-6Mbps) Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) Mode 1 SISO A: Transmit (802.11ac-20BW-7.2Mbps) Mode 1 SISO A: Transmit (802.11ac-40BW-15Mbps) Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) Mode 1 SISO A: Transmit (802.11ac-160BW-65Mbps) Mode 2 SISO B: Transmit (802.11a-6Mbps) Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) Mode 2 SISO B: Transmit (802.11ac-20BW-7.2Mbps) Mode 2 SISO B: Transmit (802.11ac-40BW-15Mbps) Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) Mode 2 SISO B: Transmit (802.11ac-160BW-65Mbps) Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps) Mode 3 MIMO: Transmit (802.11ac-20BW-14.4Mbps) Mode 3 MIMO: Transmit (802.11ac-40BW-30Mbps) Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps) Mode 3 MIMO: Transmit (802.11ac-160BW-130Mbps)

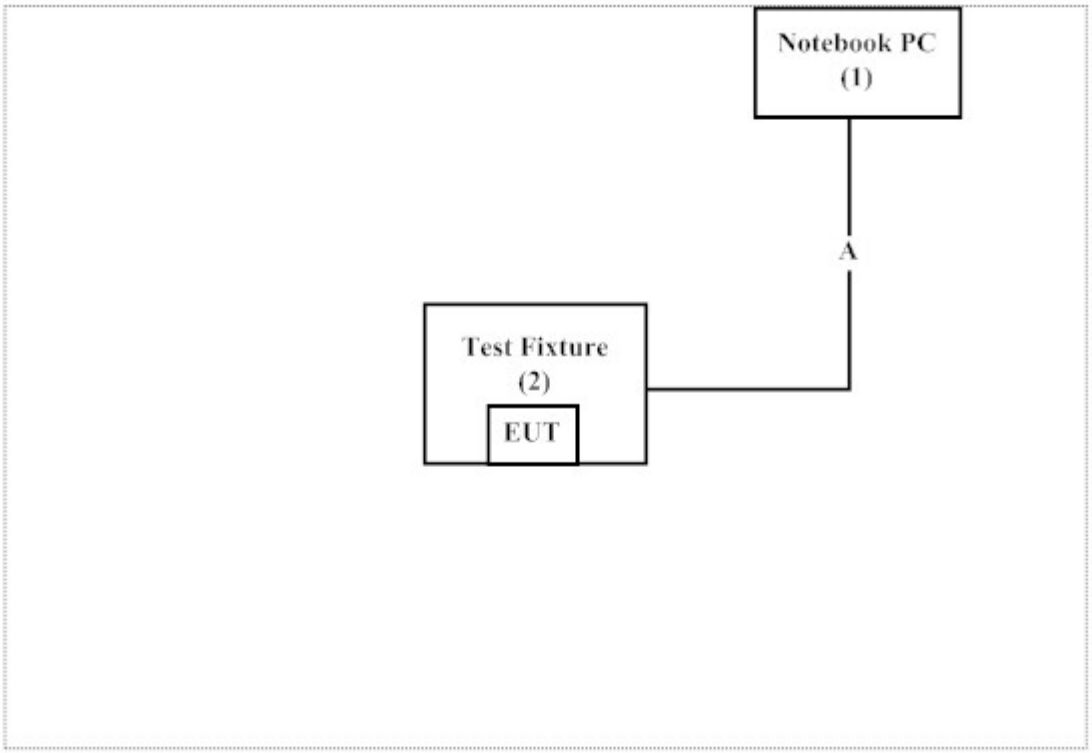
1.3. Tested System Datails

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	DELL	N/A	N/A	N/A
2	Test Fixture	Intel	N/A	N/A	N/A

Signal Cable Type		Signal cable Description
A	Test Fixture Line	Non-Shielded, 1.0m

1.4. Configuration of tested System



1.5. EUT Exercise Software

(1) Setup the EUT as shown on 1.4
(2) Execute software ” DRTU (Ver 1.9.0-03789) ” on the Notebook PC.
(3) Configure the test mode, the test channel, and the data rate.
(4) Start the continuous transmission.
(5) Verify that the EUT works properly.

1.6. Test Facility

Ambient conditions in the laboratory:

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	20-35
Humidity (%RH)	25-75	50-65
Barometric pressure (mbar)	860-1060	950-1000

The related certificate for our laboratories about the test site and management system can be downloaded from DEKRA Testing and Certification Co., Ltd. Web Site:
http://www.dekra.com.tw/english/about/certificates.aspx?bval=5
The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site: http://www.dekra.com.tw/index_en.aspx

Site Description: Accredited by TAF
Accredited Number: 3023

Site Name: DEKRA Testing and Certification Co., Ltd
Site Address: No.5-22, Ruishukeng, Linkou Dist., New Taipei City 24451, Taiwan, R.O.C.
TEL : 886-2-8601-3788 / FAX : 886-2-8601-3789
E-Mail : info.tw@dekra.com

FCC Accreditation Number: TW1014

1.7. List of Test Equipment

For Conducted measurements /ASR4

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Spectrum Analyzer	R&S	FSV30	103464	2017.01.09	2018.01.08
X	Power Meter	Anritsu	ML2496A	1548003	2016.12.15	2017.12.14
X	Power Sensor	Anritsu	MA2411B	1531024	2016.12.15	2017.12.14
X	Power Sensor	Anritsu	MA2411B	1531025	2016.12.15	2017.12.14
	Bluetooth Tester	R&S	CBT	101238	2017.01.03	2018.01.02

Note:
1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version : QuieTek Conduction Test System V8.0.110

For Radiated measurements /ACB1

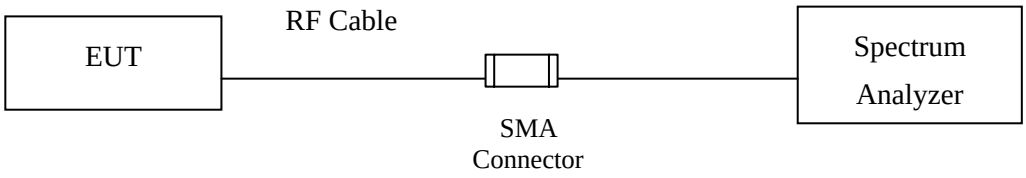
	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Loop Antenna	TESEQ	HLA6121	37133	2016.03.18	2018.03.17
X	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-674	2017.02.13	2018.02.12
X	Horn Antenna	ETS-Lindgren	3117	00203800	2017.11.10	2018.11.09
X	Horn Antenna	Com-Power	AH-840	101087	2017.05.24	2018.05.23
X	Pre-Amplifier	EMCI	EMC001330	980316	2017.05.16	2018.05.15
X	Pre-Amplifier	EMCI	EMC051835SE	980311	2017.05.17	2018.05.16
X	Pre-Amplifier	EMCI	EMC05820SE	980310	2017.05.17	2018.05.16
X	Pre-Amplifier	EMCI	EMC184045SE	980314	2017.05.17	2018.05.16
	Filter	MICRO TRONICS	BRM50702	G251	2017.08.30	2018.08.29
X	Filter	MICRO TRONICS	BRM50716	G188	2017.08.30	2018.08.29
X	EMI Test Receiver	R&S	ESR7	101602	2016.12.15	2017.12.14
X	Spectrum Analyzer	R&S	FSV40	101148	2017.01.24	2018.01.23
X	Coaxial Cable	SUHNER	SUCOFLEX 106	RF002	2017.05.25	2018.05.24
X	Mircoflex Cable	HUBER SUHNER	SUCOFLEX 102	MY3381/2	2017.08.11	2018.08.10

Note:
1. Loop Antenna is calibrated every two year, the other equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version : QuieTek EMI 2.0 V2.1.113

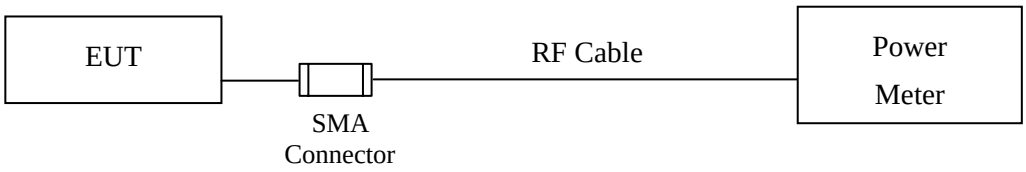
2. Maximun conducted output power

2.1. Test Setup

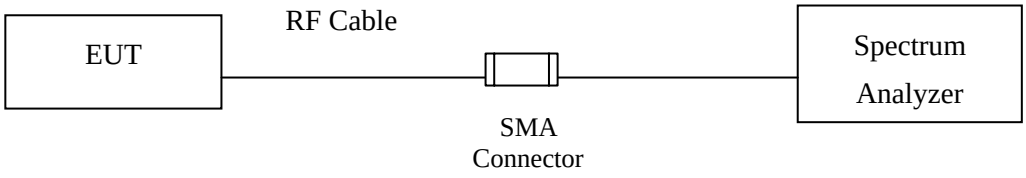
99% Occupied Bandwidth



Conduction Power Measurement (for 802.11an)



Conduction Power Measurement (for 802.11ac)



2.2. Limits

2.2.1. For the band 5.15-5.25 GHz,

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conductedoutput power over the frequency band of operation shall not exceed 1 W. provided the maximumantenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi areused, the maximum conducted output power shall bereduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximume.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conductedoutput power over the frequency band of operation shall not exceed 1 W provided the maximumantenna gain does not exceed 6 dBi. In addition. If transmitting antennas of directional gain greater than 6 dBi areused, the maximum conducted output power shall bereduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximumconducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-topointU-NII devices may employ antennas with directional gain up to 23 dBi without any correspondingreduction in the maximum conducted output power. For fixedpoint-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reductionin maximum conducted output power is required for each 1 dB ofantenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipointsystems, omnidirectional applications, and multiple collocated transmitters transmitting the sameinformation. The operator of the U-NII device, or if the equipment is professionally installed, the installer,is responsible for ensuring that systems employing high gain directional antennas are used exclusivelyfor fixed, point-to-point operations.

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conductedoutput power over the frequency band of operation shall not exceed 250 mW provided the maximumantenna gain does not exceed 6 dBi. In addition. If transmitting antennas of directional gain greater than 6 dBi areused, the maximum conducted output power shall bereduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

2.2.2. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power overthe frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm 10 log B, where Bis the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

2.2.3. For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency bandof operation shall not exceed 1 W. In addition. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced bythe amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point UNIIdevices operating in this band may employ transmitting antennas with directional gain greater than 6dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-pointoperations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiplecollocated transmitters transmitting the same information. The operator of the U-NII device, or if theequipment is professionally installed, the installer, is responsible for ensuring that systems employinghigh gain directional antennas are used exclusively for fixed, point-to-point operations.

2.3. Test Procedure

As an alternative to FCC KDB-789033, the EUT maximum conducted output power was measured with an average power meter employing a video bandwidth greater the 6dB BW of the emission under test. Maximum conducted output power was read directly from the meter across all data rates, and across three channels within each sub-band. Special care was used to make sure that the EUT was transmitting in continuous mode. This method exceeds the limitations of FCC KDB-789033, and provides more accurate measurements.

802.11an(BW≦40MHz) Maximum conducted output power using KDB 789033 section E)3)b) Method PM-G (Measurement using a gated RF average power meter)
Note:the power meter have a video bandwidth that is greater than or equal to the measurement bandwidth,(Anritsu/ MA2411B video bandwidth: 65MHz)

802.11ac (BW=80MHz) Maximum conducted output power using KDB 789033 sectionE)2)b) Method SA-1 (trace averaging with the EUT transmitting at full power throughout each sweep).

When transmitted signals consist of two or more non-contiguous spectrum segments (e.g., 80+80 MHz mode) or when a single spectrum segment of a transmission crosses the boundary between two adjacent U-NII bands, KDB 644545 D01 section F) procedure is used for measurements.

2.4. Uncertainty

Power Meter: ±0.95dB
Spectrum Analyzer: ±1.30dB

2.5. Test Result of Maximum conducted output power

Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/10/24
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps)

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		6	9	12	18	24	36	48	54	
		Measurement Level (dBm)								
36	5180	17.48	--	--	--	--	--	--	--	<24dBm
40	5200	20.45	20.38	20.31	20.24	20.17	20.1	20.03	19.96	<24dBm
48	5240	20.92	--	--	--	--	--	--	--	<24dBm
52	5260	20.96	--	--	--	--	--	--	--	<24dBm
56	5280	20.93	20.86	20.79	20.72	20.65	20.58	20.51	20.44	<24dBm
64	5320	17.48	--	--	--	--	--	--	--	<24dBm
100	5500	18.47	--	--	--	--	--	--	--	<24dBm
116	5580	20.95	20.88	20.81	20.74	20.67	20.6	20.53	20.46	<24dBm
140	5700	18.96	--	--	--	--	--	--	--	<24dBm
149	5745	21.92	--	--	--	--	--	--	--	<30dBm
157	5785	21.43	21.36	21.29	21.22	21.15	21.08	21.01	20.94	<30dBm
165	5825	21.47	--	--	--	--	--	--	--	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

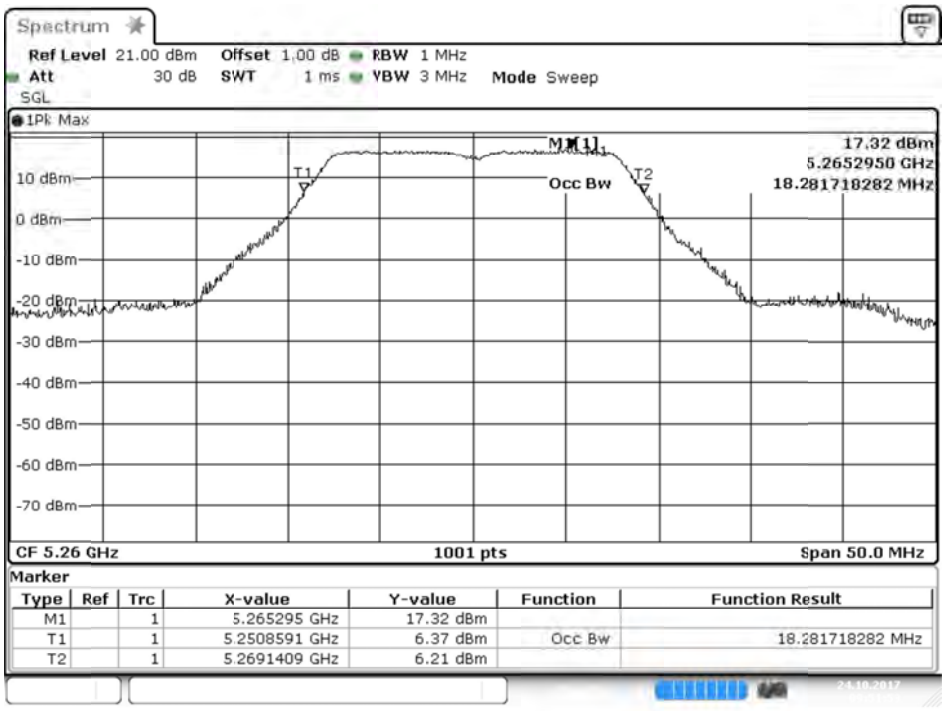
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
36	5180	--	17.48	24	--	Pass
40	5200	--	20.45	24	--	Pass
48	5240	--	20.92	24	--	Pass
52	5260	18.281	20.96	24	23.62	Pass
56	5280	18.281	20.93	24	23.62	Pass
64	5320	18.331	17.48	24	23.63	Pass
100	5500	18.281	18.47	24	23.62	Pass
116	5580	18.281	20.95	24	23.62	Pass
140	5700	18.331	18.96	24	23.63	Pass
149	5745	--	21.92	30	--	Pass
157	5785	--	21.43	30	--	Pass
165	5825	--	21.47	30	--	Pass

Note: Power Output Value =Reading value on average power meter + cable loss

99% Occupied Bandwidth:

Channel 52:



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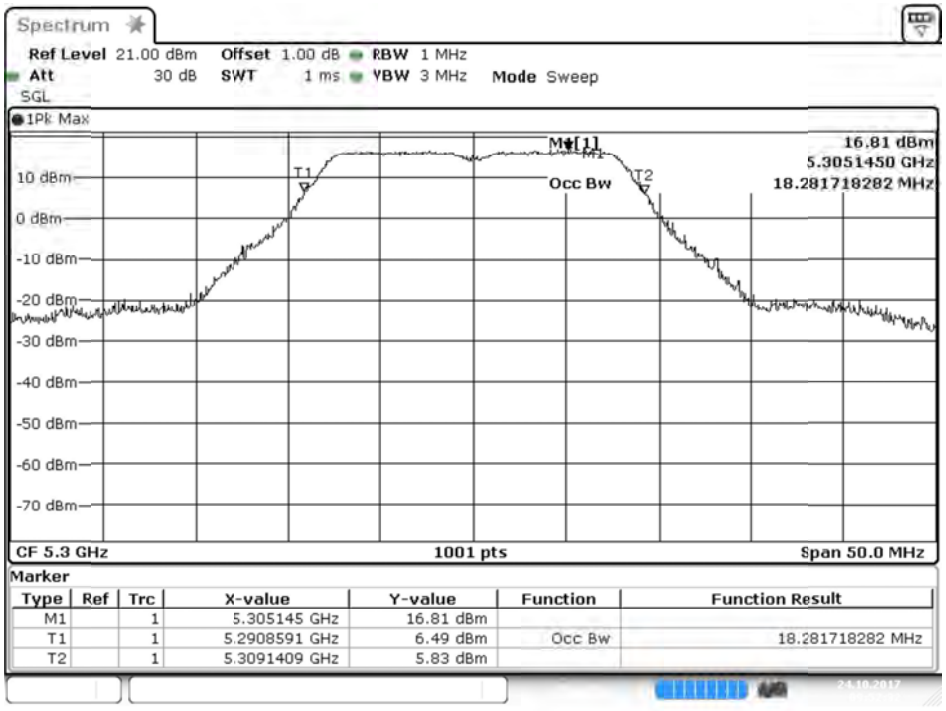
Channel 56:



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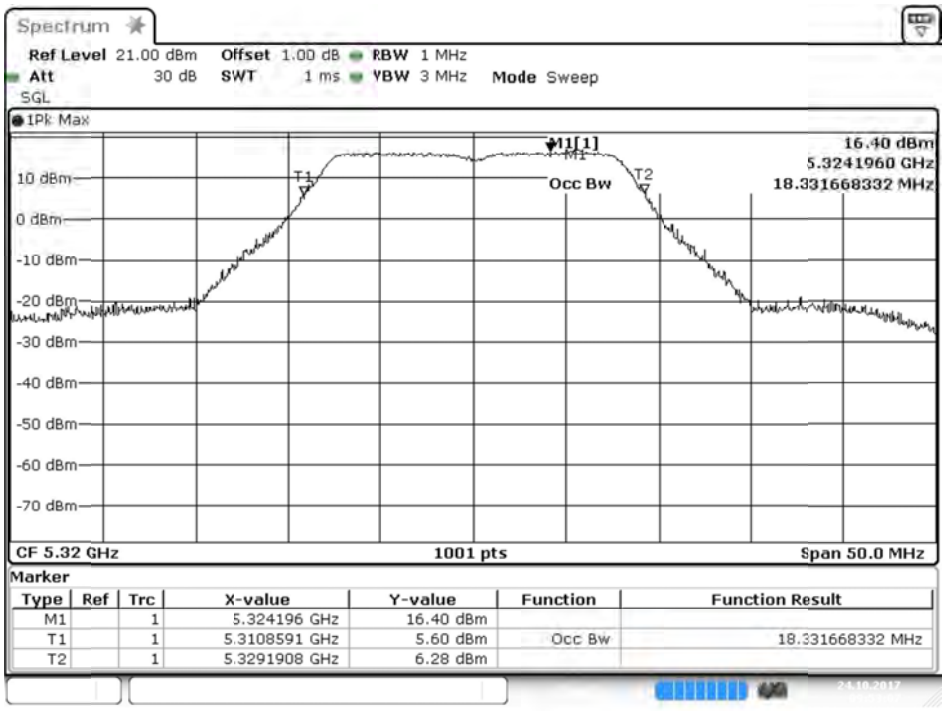

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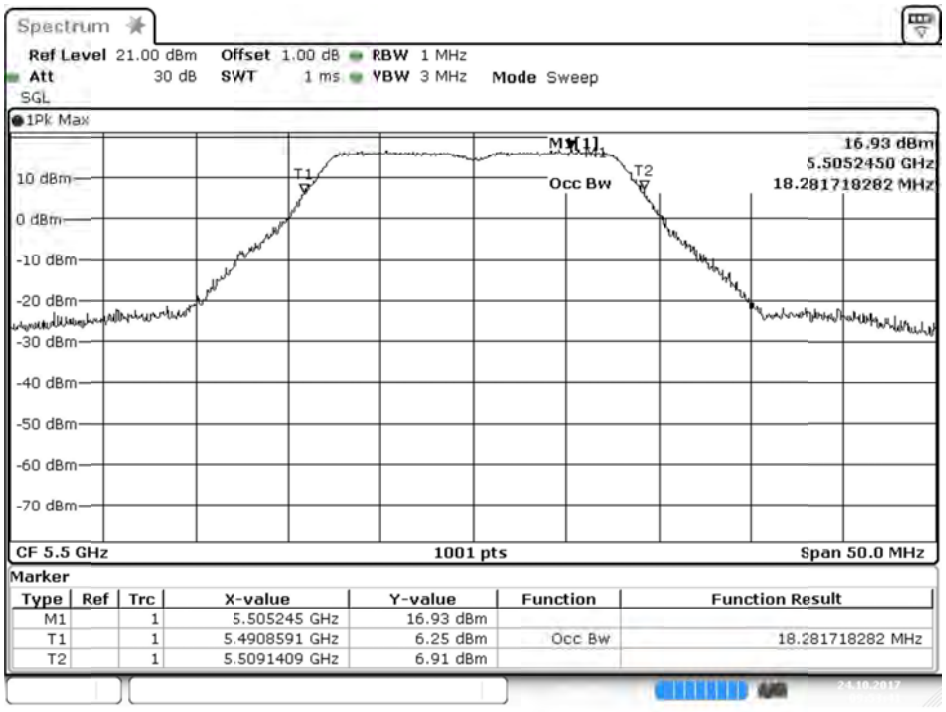

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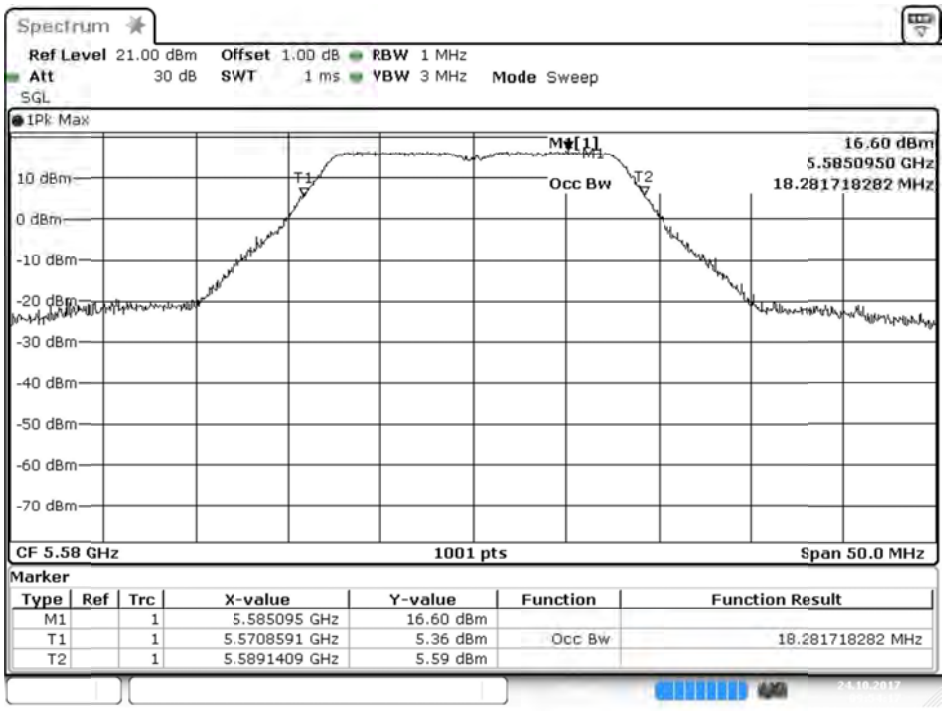

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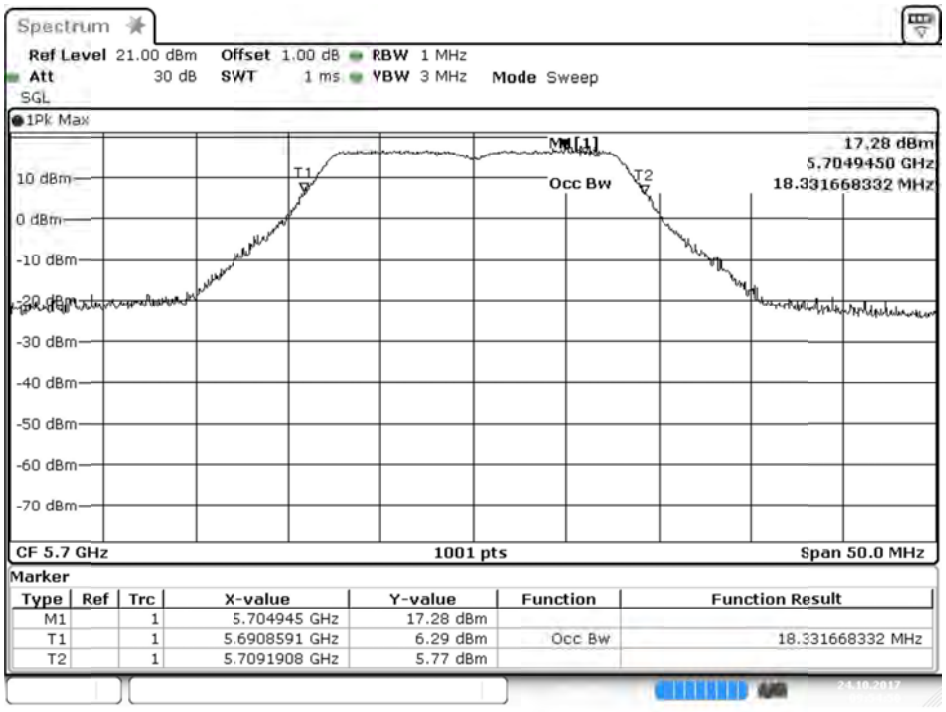
Channel 140:



Date: 24.OCT.2017 09:54:51

Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/10/24
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps)

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		7.2	14.4	21.7	28.9	43.3	57.8	65	72.2	
		Measurement Level (dBm)								
36	5180	16.96	--	--	--	--	--	--	--	<24dBm
40	5200	19.92	19.85	19.78	19.71	19.64	19.57	19.5	19.43	<24dBm
48	5240	20.94	--	--	--	--	--	--	--	<24dBm
52	5260	20.91	--	--	--	--	--	--	--	<24dBm
56	5280	20.96	20.89	20.82	20.75	20.68	20.61	20.54	20.47	<24dBm
64	5320	16.95	--	--	--	--	--	--	--	<24dBm
100	5500	16.48	--	--	--	--	--	--	--	<24dBm
116	5580	20.96	20.89	20.82	20.75	20.68	20.61	20.54	20.47	<24dBm
140	5700	18.45	--	--	--	--	--	--	--	<24dBm
149	5745	21.95	--	--	--	--	--	--	--	<30dBm
157	5785	21.47	21.4	21.33	21.26	21.19	21.12	21.05	20.98	<30dBm
165	5825	21.4	--	--	--	--	--	--	--	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

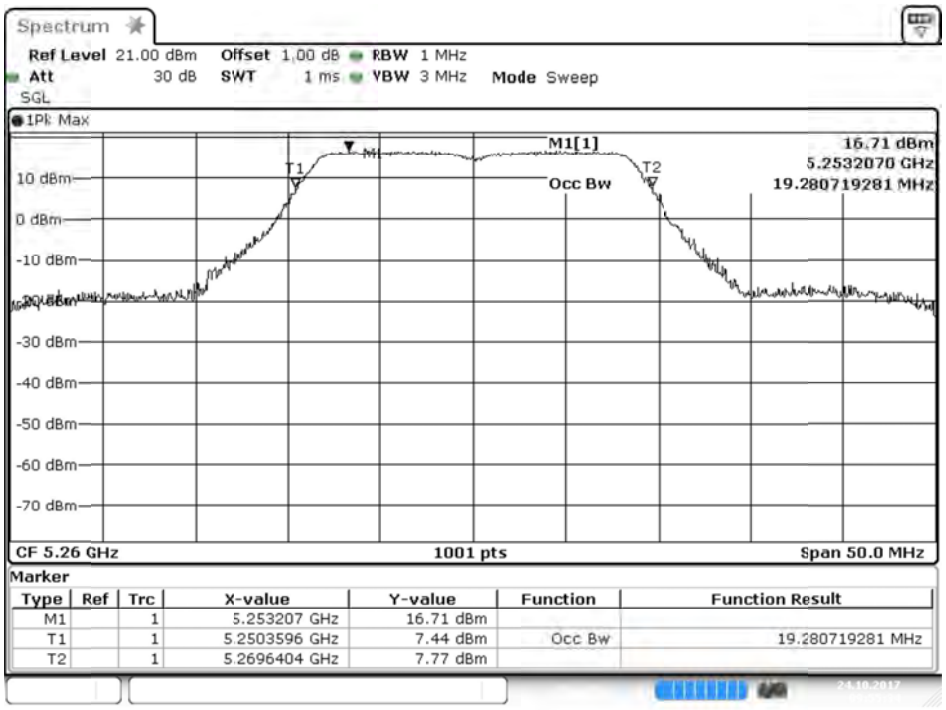
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
36	5180	--	16.96	24	--	Pass
40	5200	--	19.92	24	--	Pass
48	5240	--	20.94	24	--	Pass
52	5260	19.280	20.91	24	23.85	Pass
56	5280	19.280	20.96	24	23.85	Pass
64	5320	19.280	16.95	24	23.85	Pass
100	5500	19.280	16.48	24	23.85	Pass
116	5580	19.280	20.96	24	23.85	Pass
140	5700	19.280	18.45	24	23.85	Pass
149	5745	--	21.95	30	--	Pass
157	5785	--	21.47	30	--	Pass
165	5825	--	21.4	30	--	Pass

Note: Power Output Value =Reading value on average power meter + cable loss

99% Occupied Bandwidth:

Channel 52:



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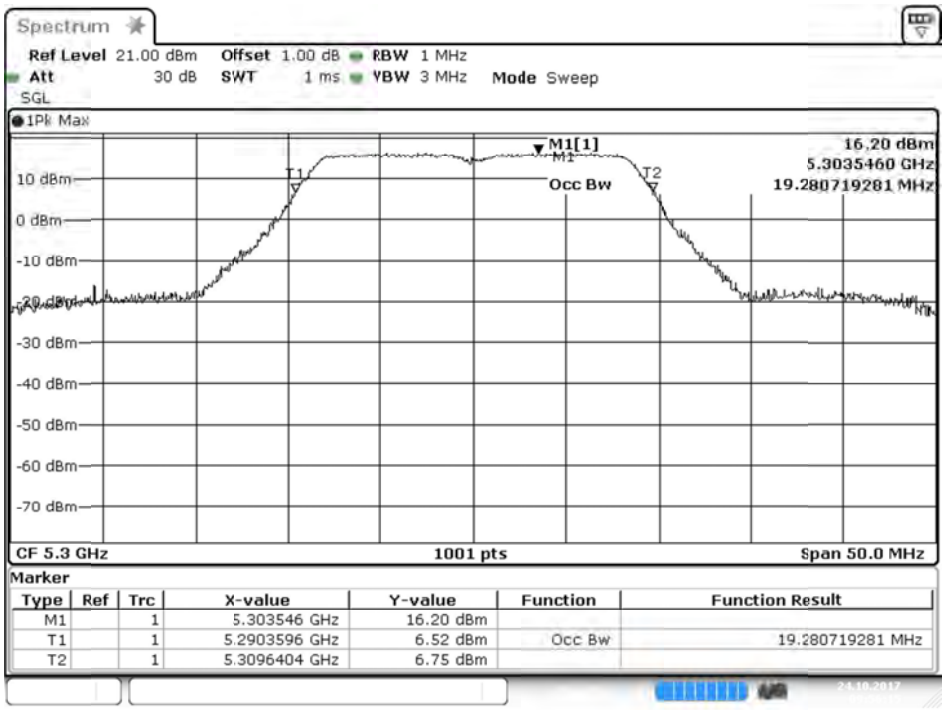
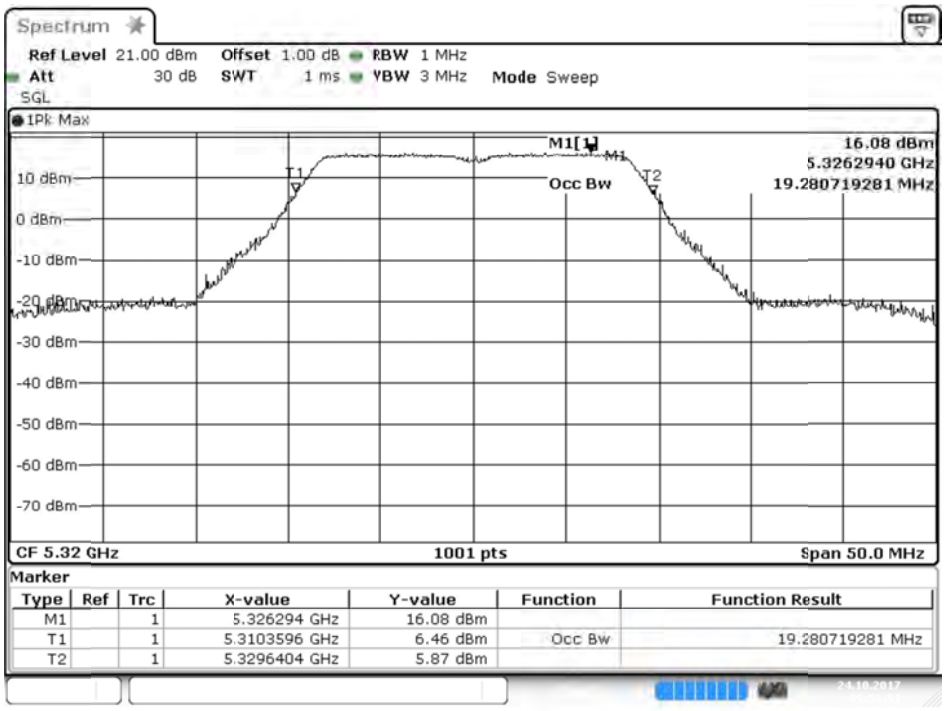
Channel 56:



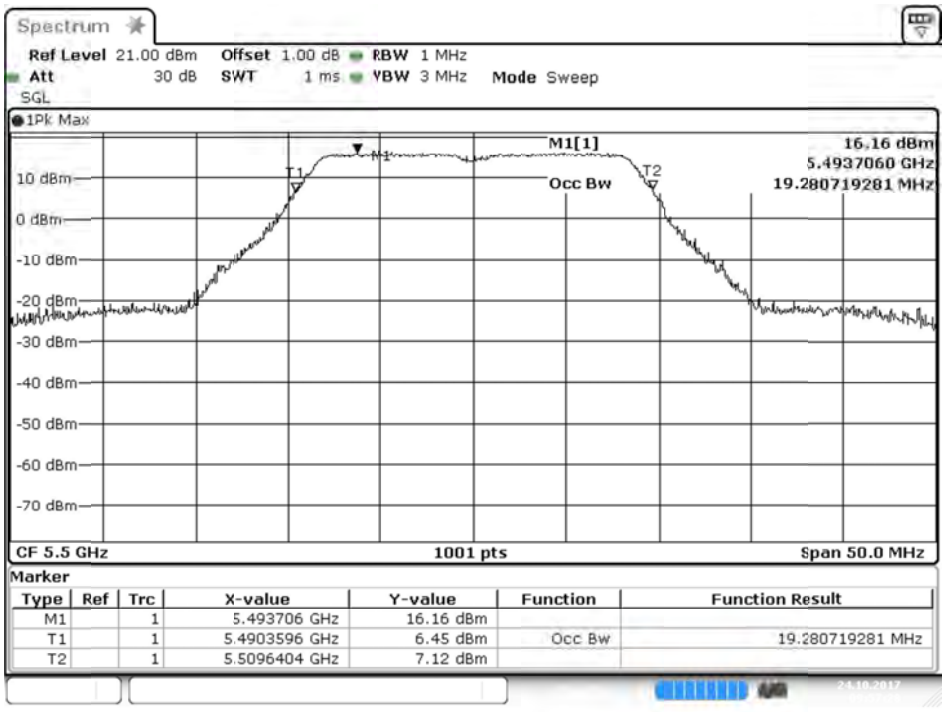
Date: 24.OCT.2017 09:56:15

Channel 64:



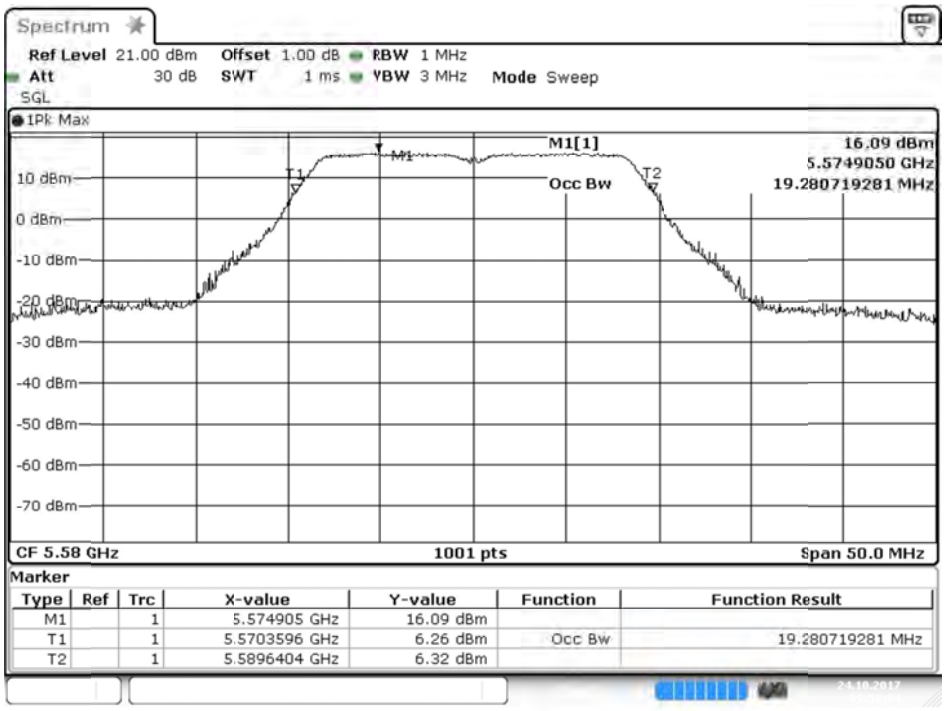
Date: 24.OCT.2017 09:56:51

Channel 100:



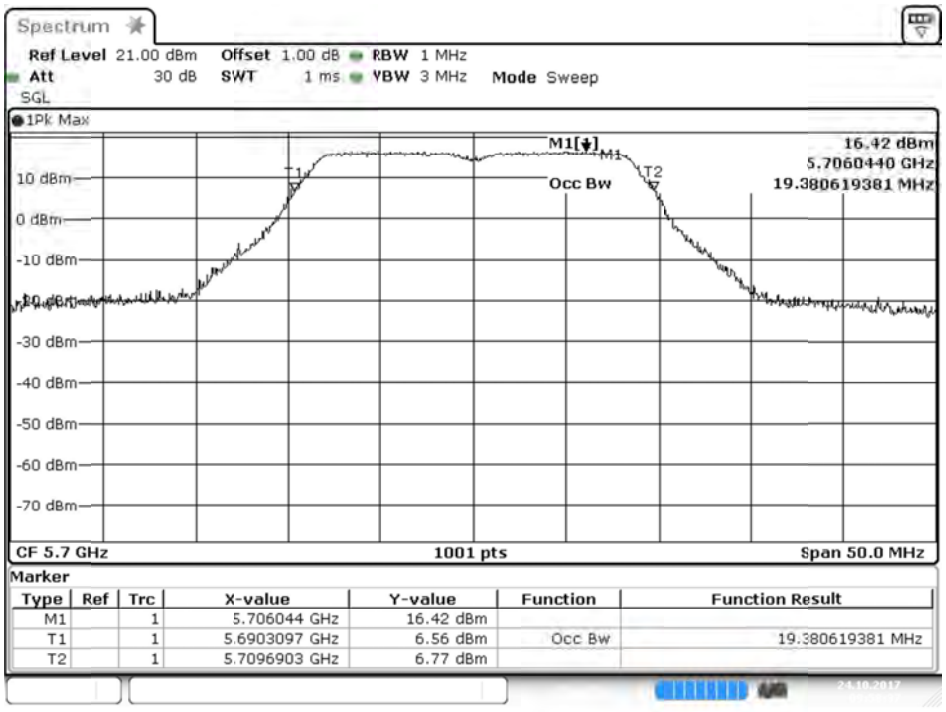
Date: 24.OCT.2017 09:57:28

Channel 116:



Date: 24.OCT.2017 09:58:04

Channel 140:



Date: 24.OCT.2017 09:58:38

Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/10/24
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps)

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		15	30	45	60	90	120	135	150	
		Measurement Level (dBm)								
38	5190	17.94	--	--	--	--	--	--	--	<24dBm
46	5230	19.46	19.39	19.32	19.25	19.18	19.11	19.04	18.97	<24dBm
54	5270	18.45	--	--	--	--	--	--	--	<24dBm
62	5310	15.41	15.34	15.27	15.2	15.13	15.06	14.99	14.92	<24dBm
102	5510	17.43	--	--	--	--	--	--	--	<24dBm
110	5550	20.95	20.88	20.81	20.74	20.67	20.6	20.53	20.46	<24dBm
134	5670	18.47	--	--	--	--	--	--	--	<24dBm
151	5755	19.48	--	--	--	--	--	--	--	<30dBm
159	5795	19.99	19.92	19.85	19.78	19.71	19.64	19.57	19.5	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

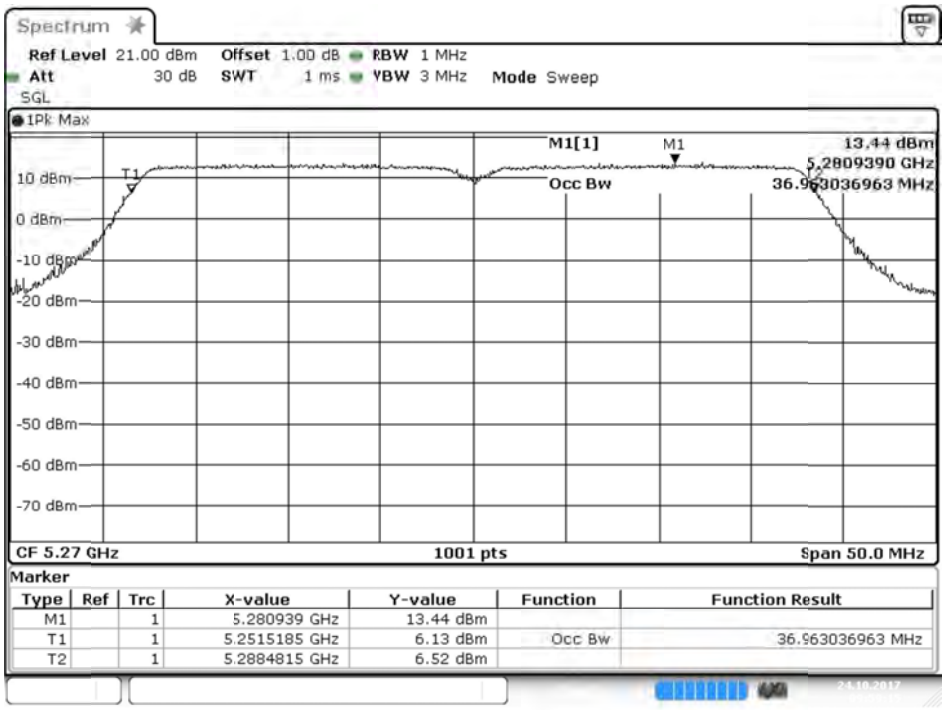
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
38	5190	--	17.94	24	--	Pass
46	5230	--	19.46	24	--	Pass
54	5270	36.963	18.45	24	26.68	Pass
62	5310	37.012	15.41	24	26.68	Pass
102	5510	37.062	17.43	24	26.69	Pass
110	5550	37.062	20.95	24	26.69	Pass
134	5670	37.062	18.47	24	26.69	Pass
151	5755	--	19.48	30	--	Pass
159	5795	--	19.99	30	--	Pass

Note: Power Output Value =Reading value on average power meter + cable loss

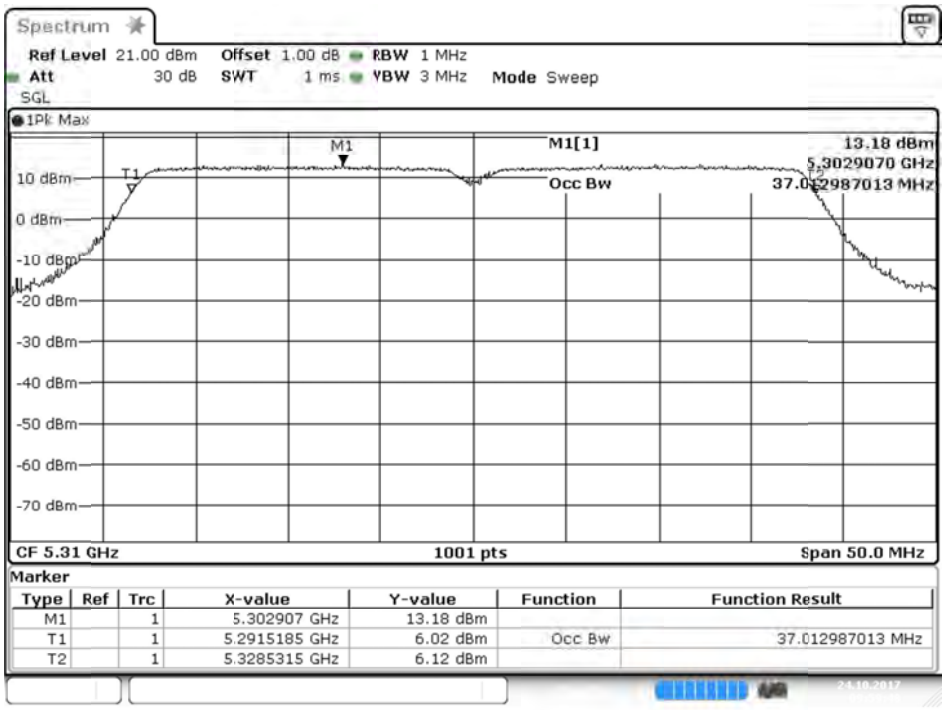
99% Occupied Bandwidth:

Channel 54



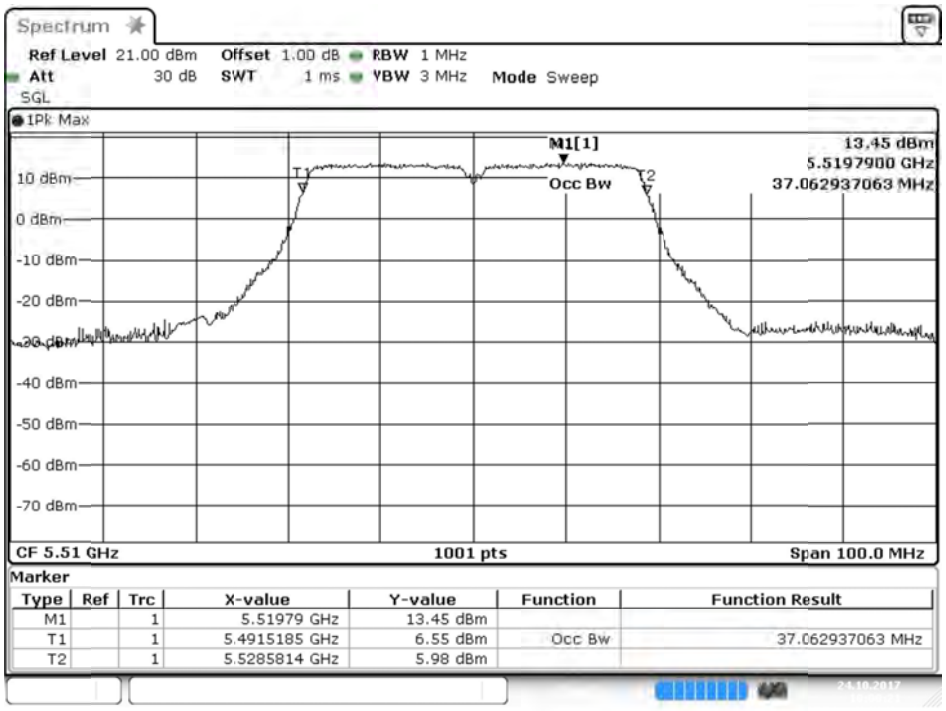
Date: 24.OCT.2017 09:59:16

Channel 62



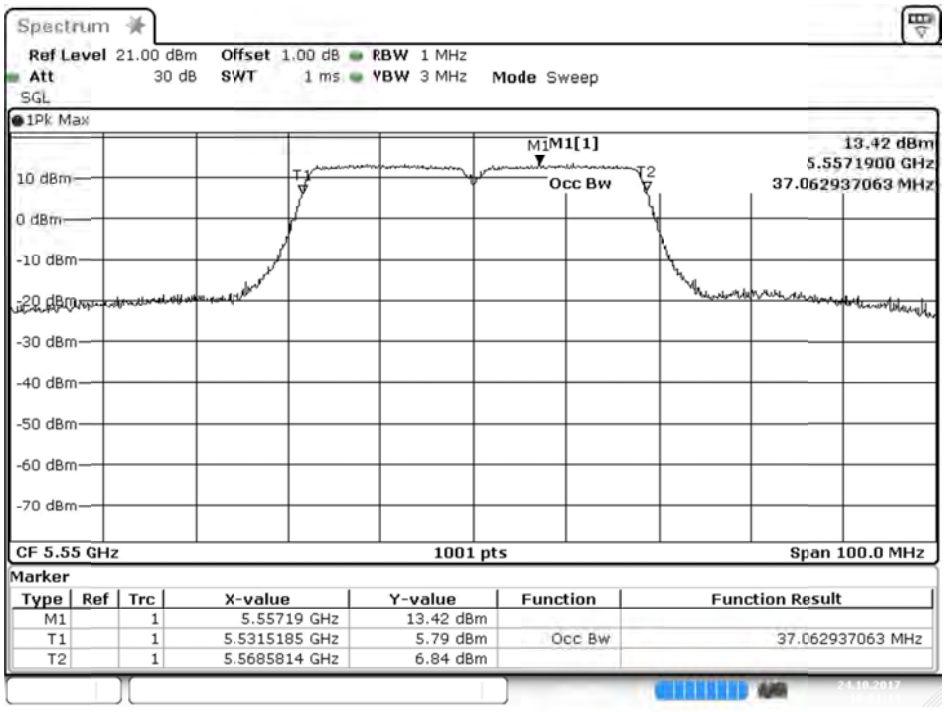
Date: 24.OCT.2017 09:59:49

Channel 102



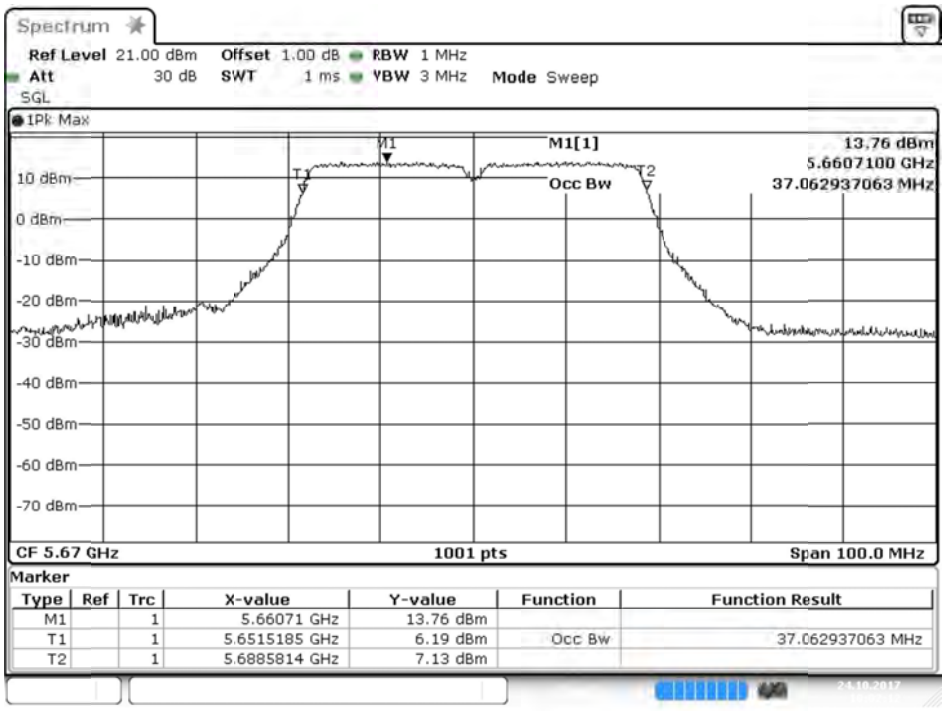
Date: 24.OCT.2017 10:00:22

Channel 110



Date: 24.OCT.2017 10:01:13

Channel 134


Spectrum
Ref Level 21.00 dBm Offset 1.00 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep
SGL
1Pk Max
M1[1] 13.76 dBm
5.6607100 GHz
Occ Bw 37.062937063 MHz
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
CF 5.67 GHz
1001 pts
Span 100.0 MHz
Marker
Type Ref Trc X-value Y-value Function Function Result
M1 1 5.66071 GHz 13.76 dBm
T1 1 5.6515185 GHz 6.19 dBm Occ Bw 37.062937063 MHz
T2 1 5.6885814 GHz 7.13 dBm
Date: 24.OCT.2017 10:02:13

Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/09/21
Test Mode : Mode 1 SISO A: Transmit (802.11ac-20BW-7.2Mbps)

Cable loss=1.5dB		Average Power									
Channel No.	Frequency (MHz)	Data Rate (Mbps)									Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	
		Measurement Level (dBm)									
144 (Band3)	5720	19.85	20.11	20.07	20.02	19.97	19.92	19.87	19.82	19.77	<24dBm
144 (Band4)	5720	14.42	15.49	15.45	15.41	15.37	15.32	15.27	15.22	15.18	<30dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

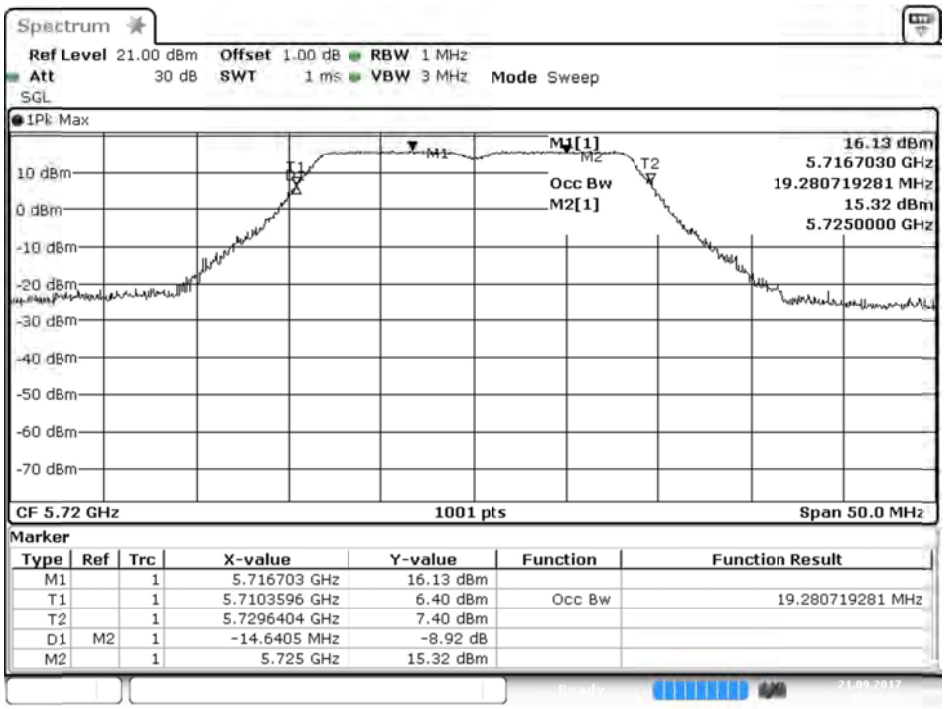
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
144(Band3)	5720	14.640	20.11	24	22.66	Pass
144(Band4)	5720	--	15.49	30	--	Pass

Note: Power Output Value = Reading value on Spectrum Analyzer + cable loss

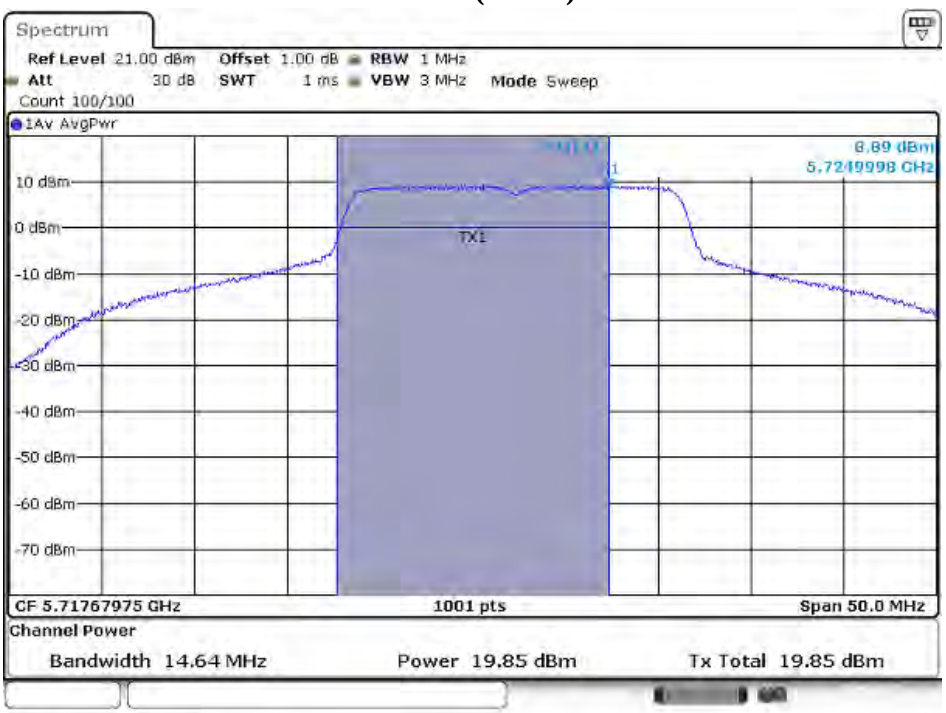
99% Occupied Bandwidth:

Channel 144



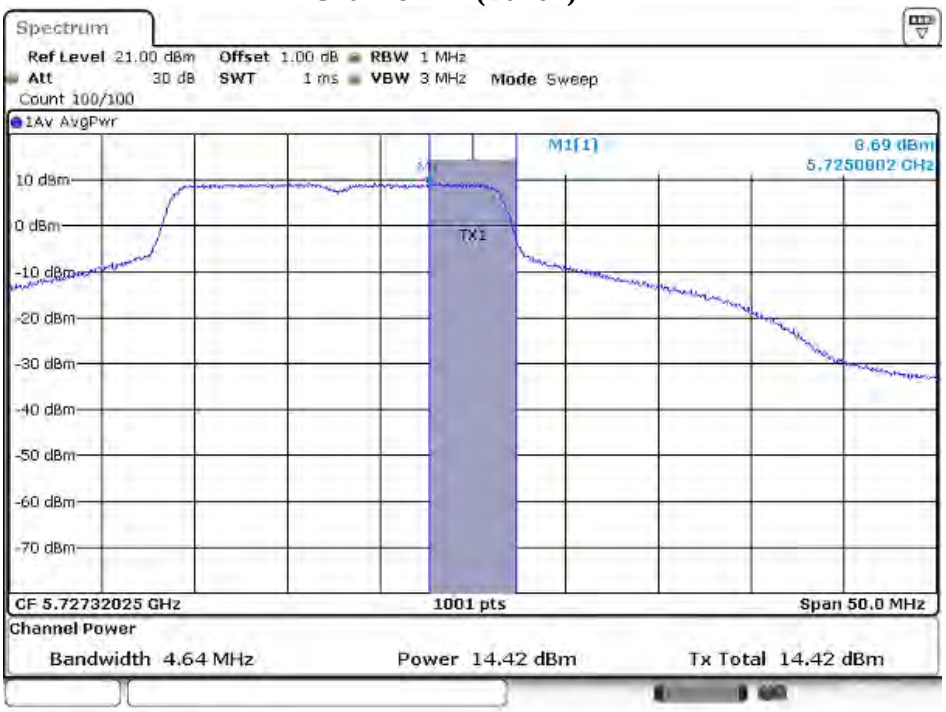
Maximum conducted output power:

Channel 144 (Band3)



Date: 21.SEP.2017 13:41:37

Channel 144 (Band4)



Date: 21.SEP.2017 13:42:53

Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/09/21
Test Mode : Mode 1 SISO A: Transmit (802.11ac-40BW-15Mbps)

Cable loss=1.5dB		Average Power									
Channel No.	Frequency (MHz)	Data Rate (Mbps)									Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	
		Measurement Level (dBm)									
142F(Band3)	5710	19.98	20.82	20.77	20.72	20.67	20.62	20.57	20.53	20.49	<24dBm
142F(Band4)	5710	10.41	12.23	12.19	12.13	12.09	12.05	11.98	11.93	11.87	<30dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

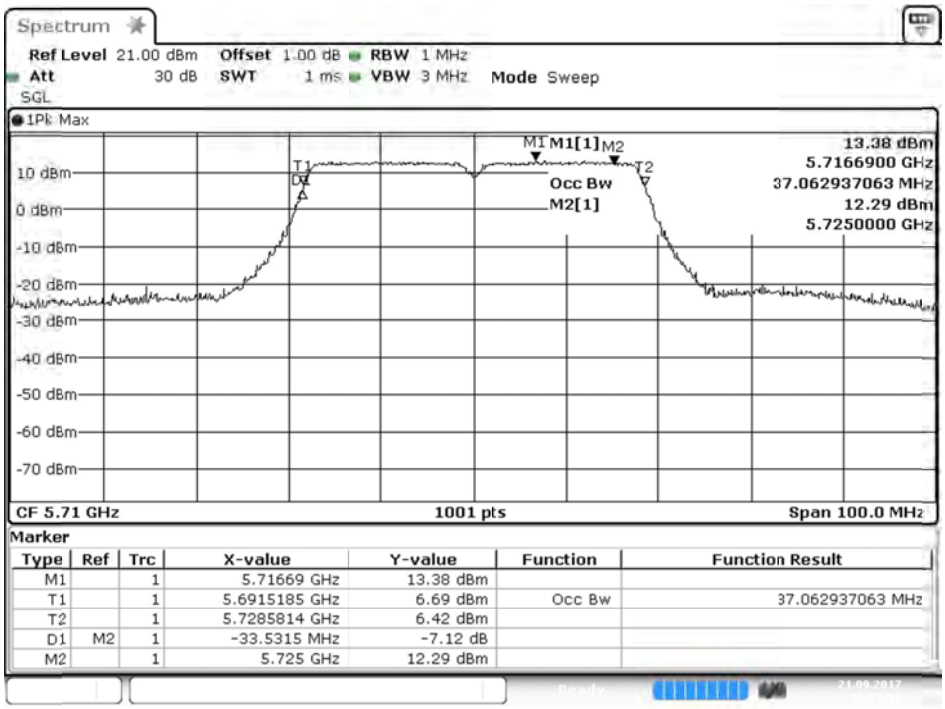
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
142F(Band3)	5710	33.530	20.82	24	26.25	Pass
142F(Band4)	5710	--	12.23	30	--	Pass

Note: Power Output Value = Reading value on Spectrum Analyzer + cable loss

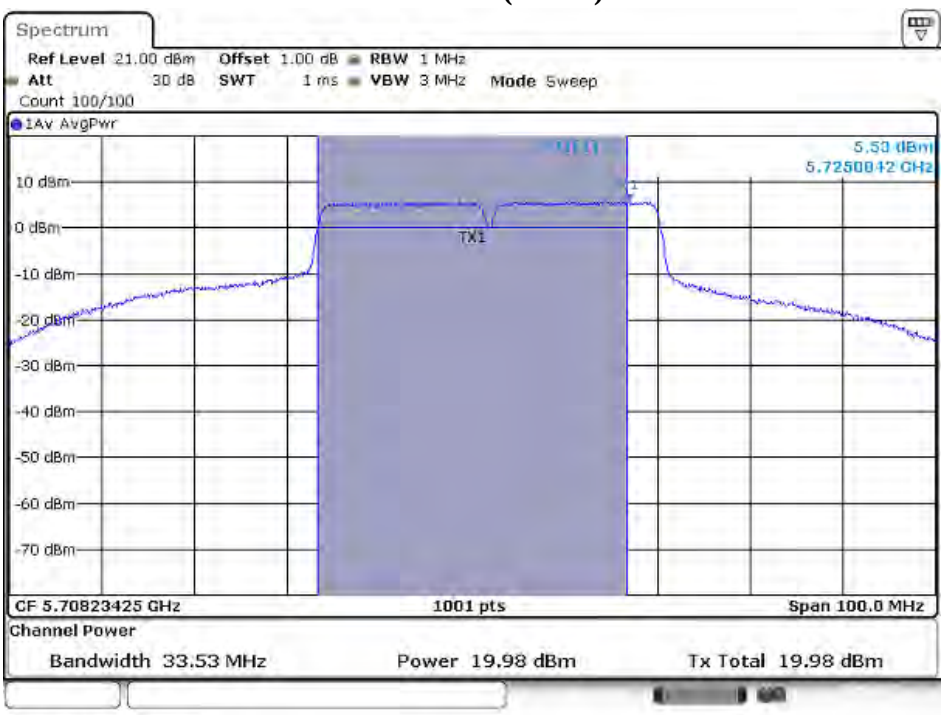
99% Occupied Bandwidth:

Channel 142

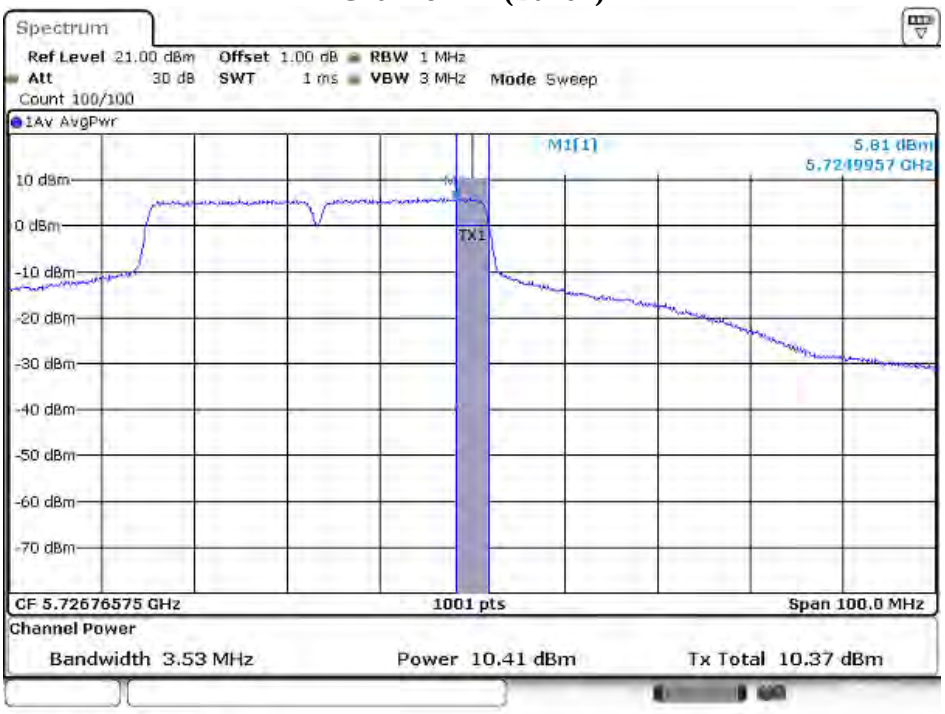


Maximum conducted output power:

Channel 142 (Band3)



Channel 142 (Band4)



Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/09/21
Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps)

Cable loss=1.5dB		Average Power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
42	5210	17.98	17.49	17.45	17.40	17.36	17.32	17.28	17.23	17.18	17.13	<24dBm
58	5290	16.50	18.25	18.21	18.16	18.09	18.04	17.99	17.95	17.89	17.84	<24dBm
106	5530	17.98	17.03	16.98	16.93	16.89	16.83	16.79	16.75	16.69	16.65	<24dBm
122	5610	20.46	21.38	21.35	21.29	21.25	21.20	21.16	21.13	21.09	21.05	<24dBm
138(Band3)	5690	20.64	21.24	21.19	21.16	21.13	21.09	21.05	20.99	20.96	20.92	<24dBm
138(Band4)	5690	3.23	6.75	6.69	6.65	6.60	6.56	6.51	6.46	6.41	6.37	<30dBm
155	5775	18.37	18.08	18.03	17.98	17.93	17.88	17.85	17.79	17.74	17.70	<30dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

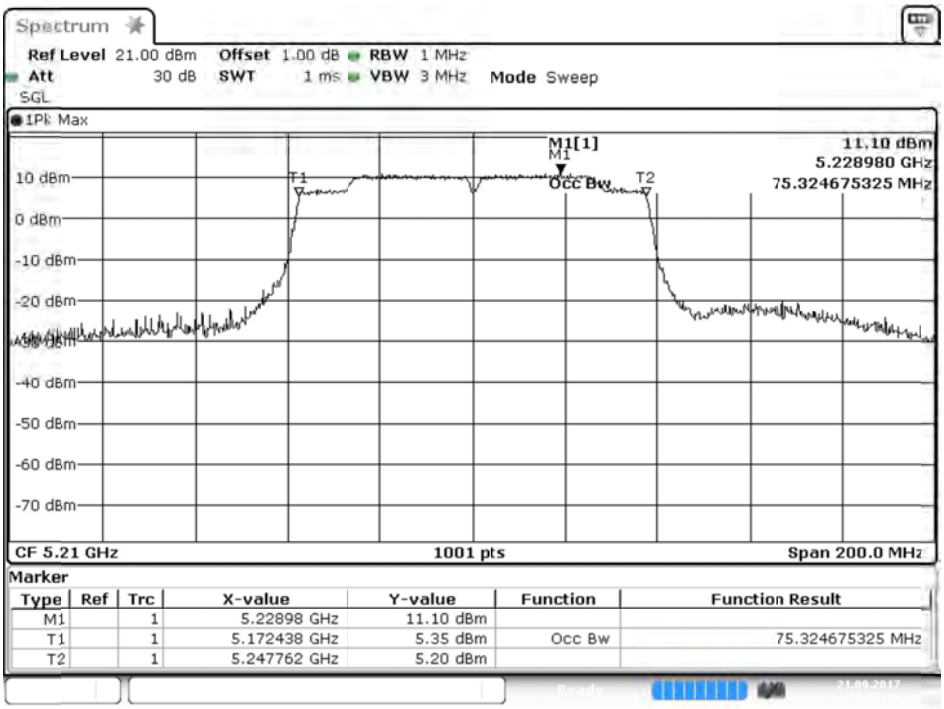
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
42	5210	--	17.98	24	--	Pass
58	5290	74.920	18.25	24	29.75	Pass
106	5530	75.120	17.98	24	29.76	Pass
122	5610	75.330	21.38	24	29.77	Pass
138(Band3)	5690	72.560	21.24	24	29.61	Pass
138(Band4)	5690	--	6.75	30	--	Pass
155	5775	--	18.37	30	--	Pass

Note: Power Output Value = Reading value on Spectrum Analyzer + cable loss

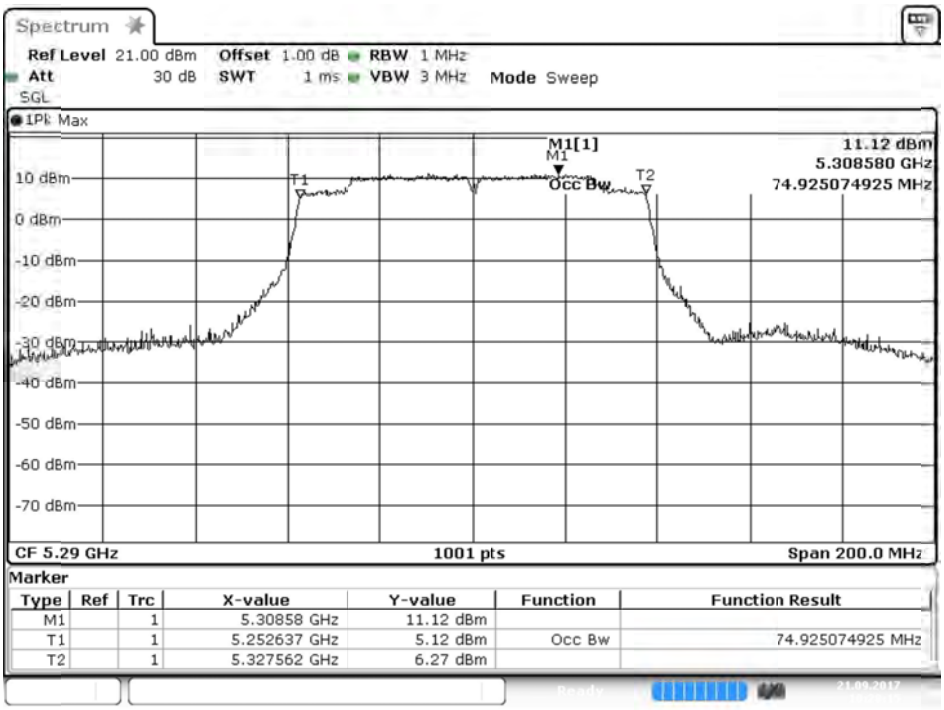
99% Occupied Bandwidth:

Channel 42



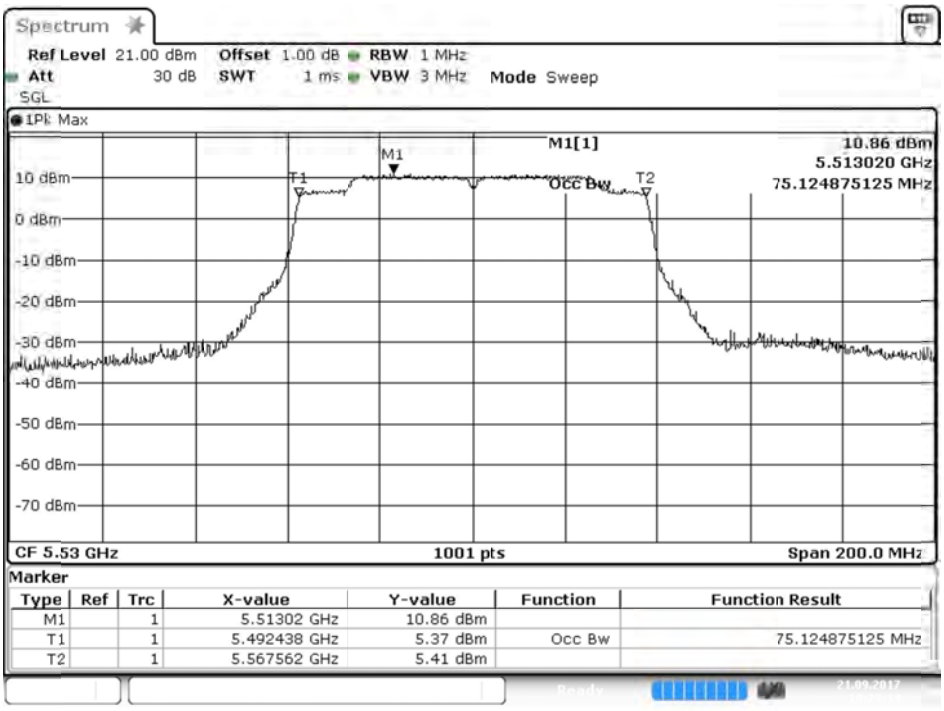
Date: 21.SEP.2017 10:27:14

Channel 58



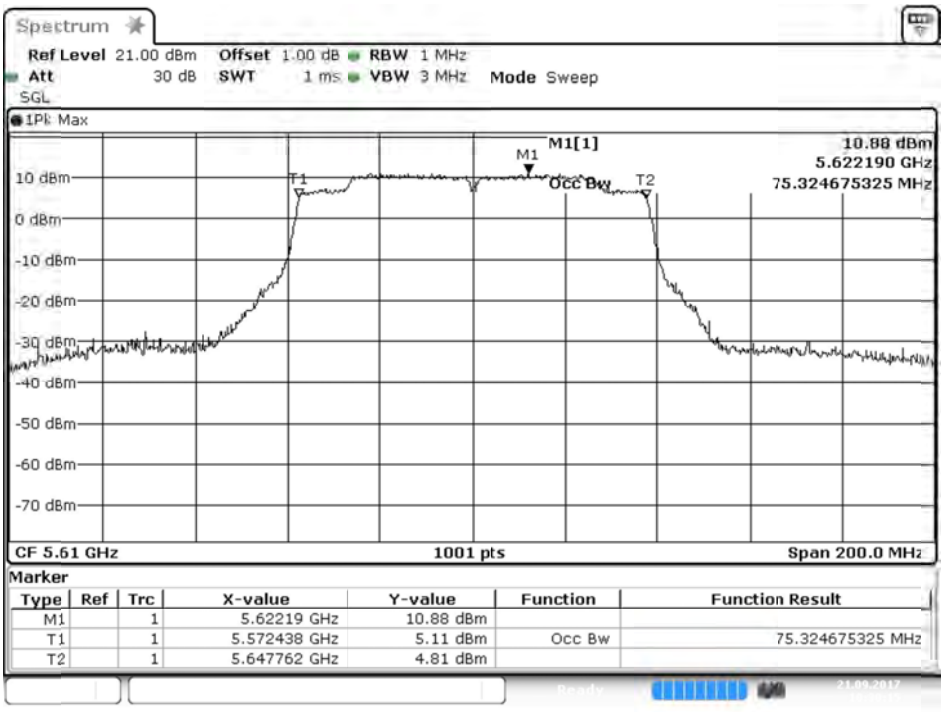
Date: 21.SEP.2017 10:28:15

Channel 106



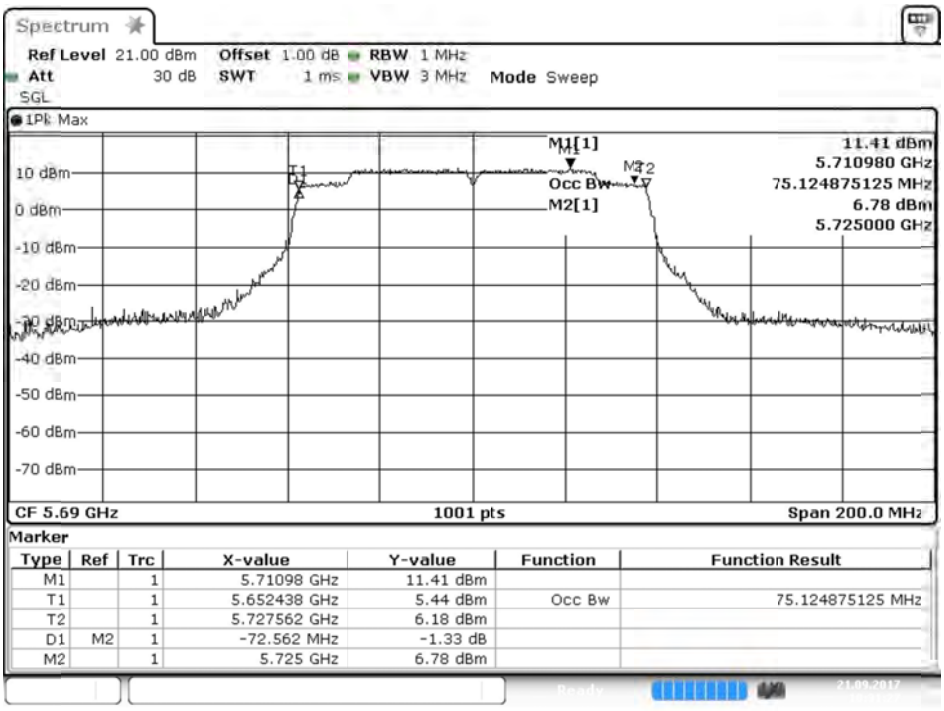
Date: 21.SEP.2017 10:29:15

Channel 122



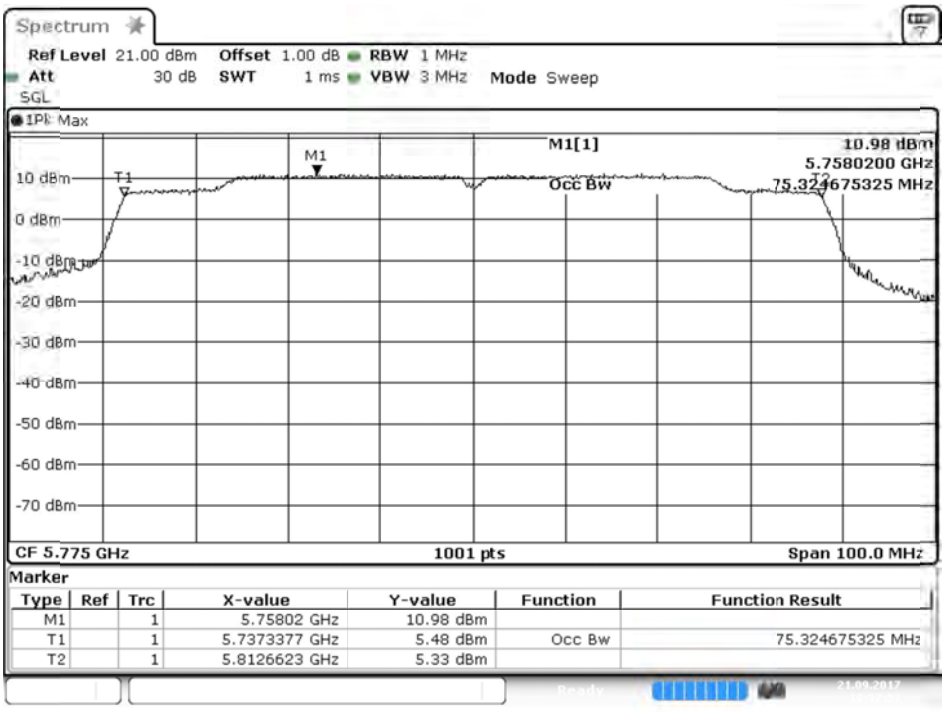
Date: 21.SEP.2017 10:30:16

Channel 138



Date: 21.SEP.2017 10:31:28

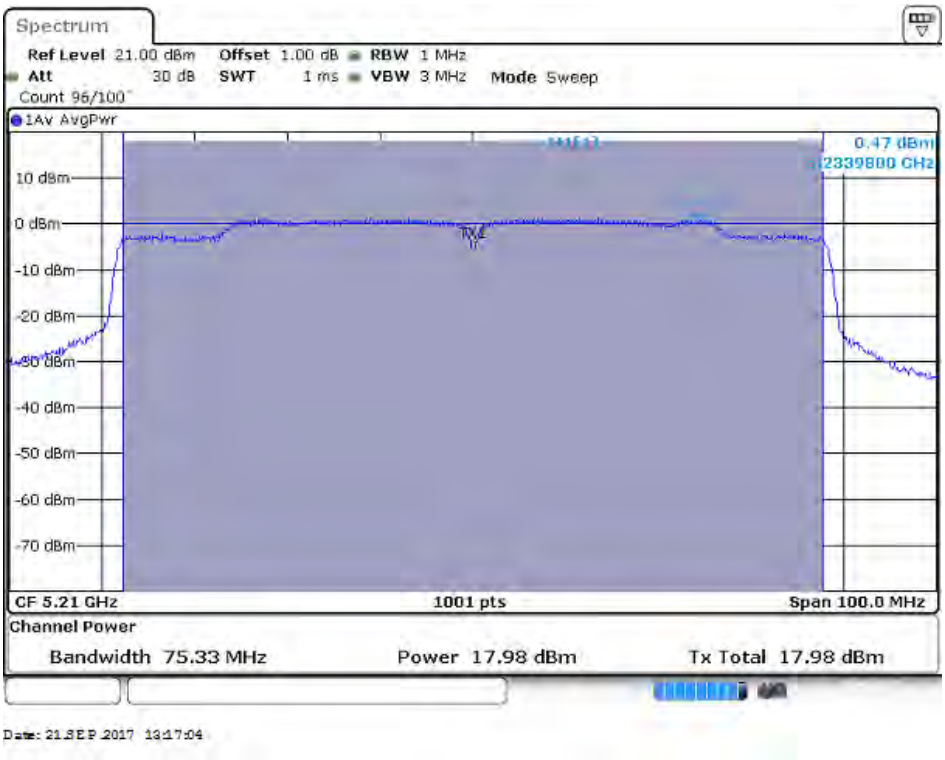
Channel 155



Date: 21.SEP.2017 10:32:52

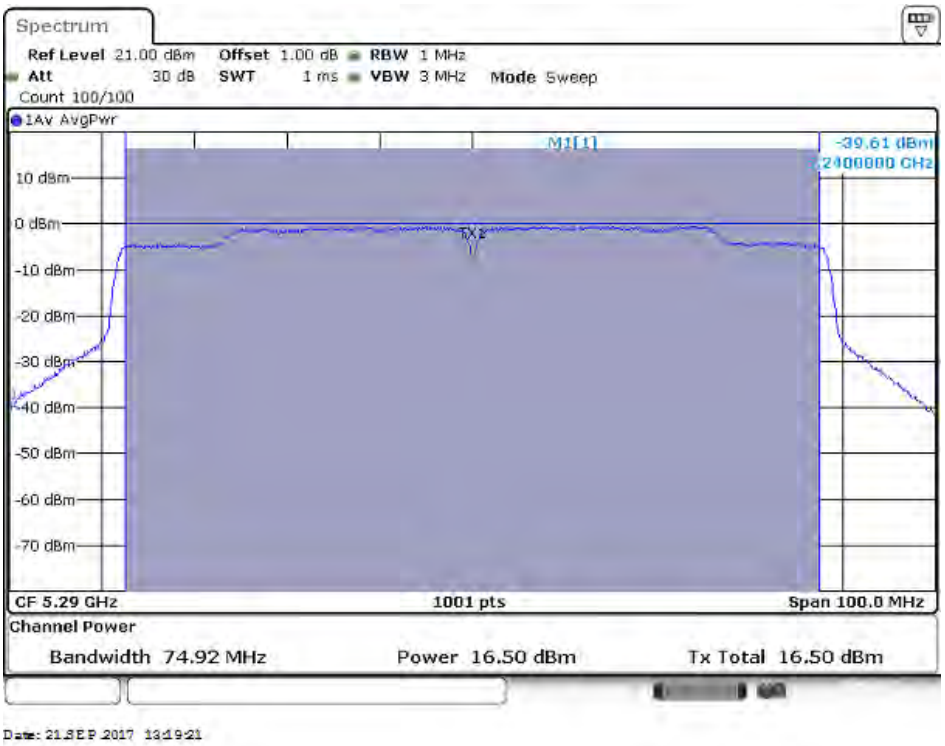
Maximum conducted output power:

Channel 42



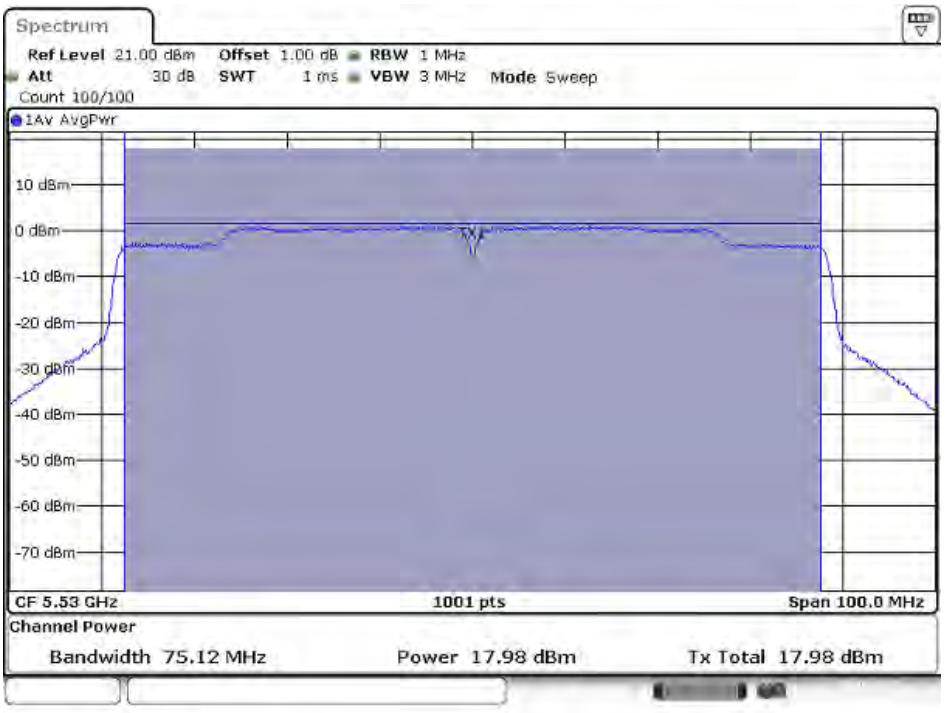
Maximum conducted output power:

Channel 58



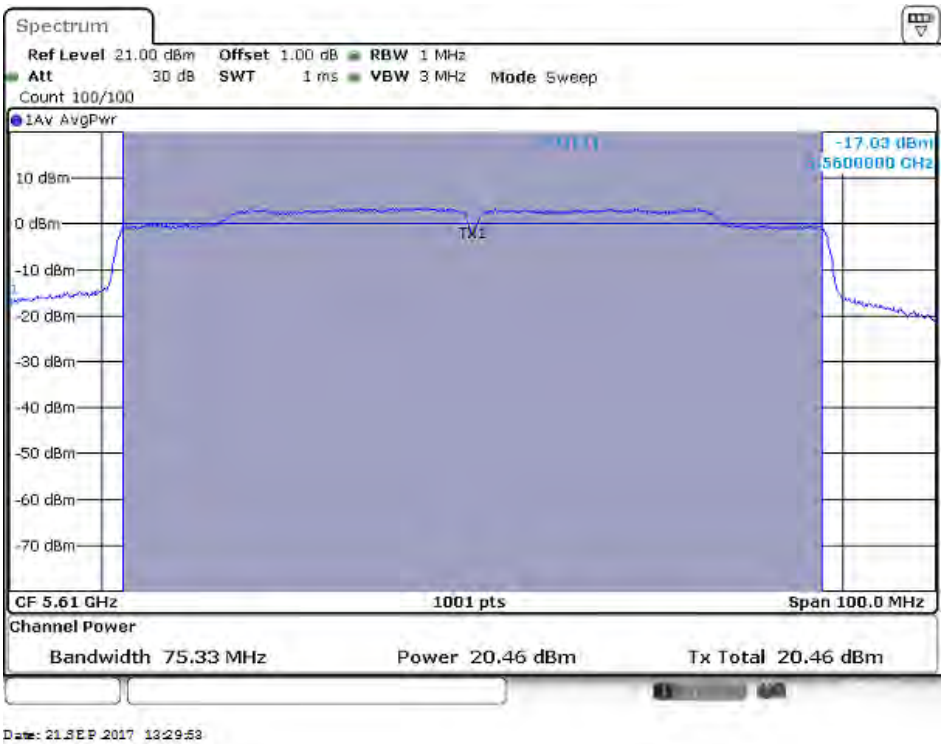
Maximum conducted output power:

Channel 106



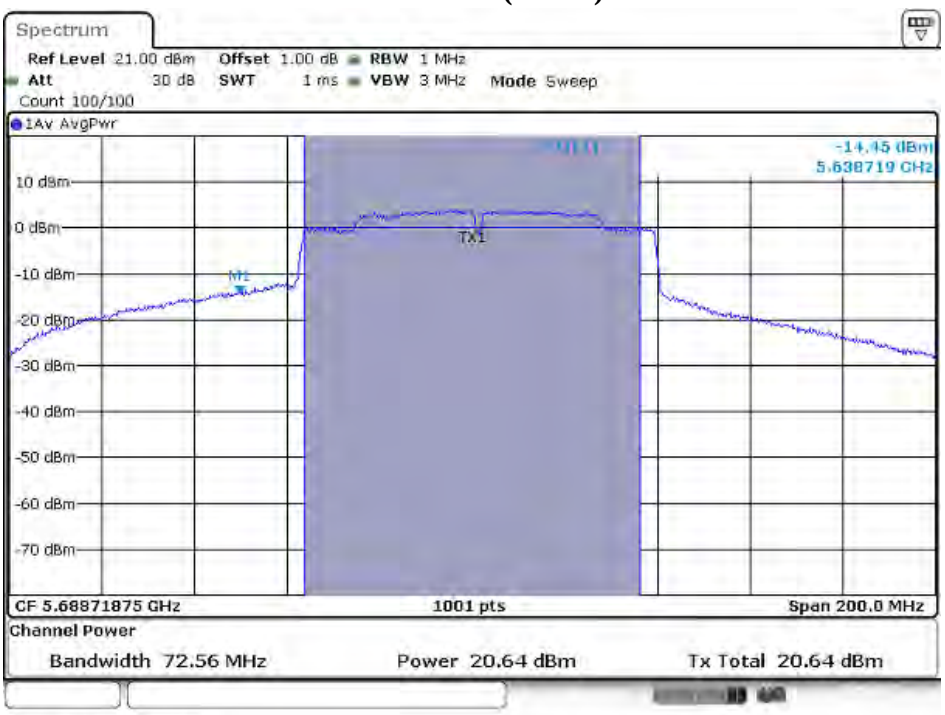
Maximum conducted output power:

Channel 122



Maximum conducted output power:

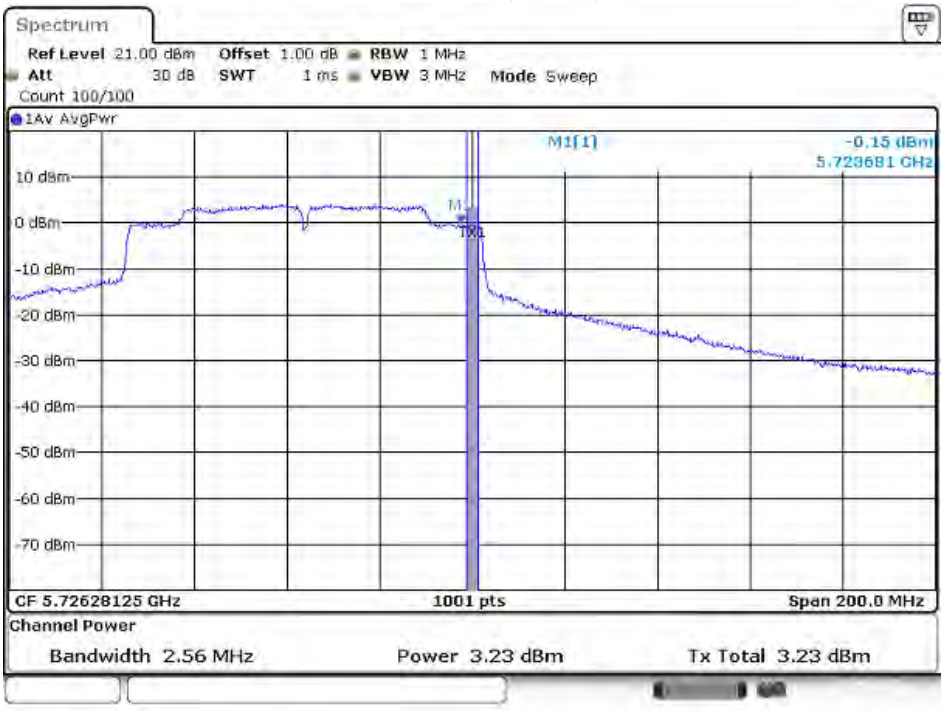
Channel 138 (Band3)



Date: 21.SEP.2017 13:31:55

Maximum conducted output power:

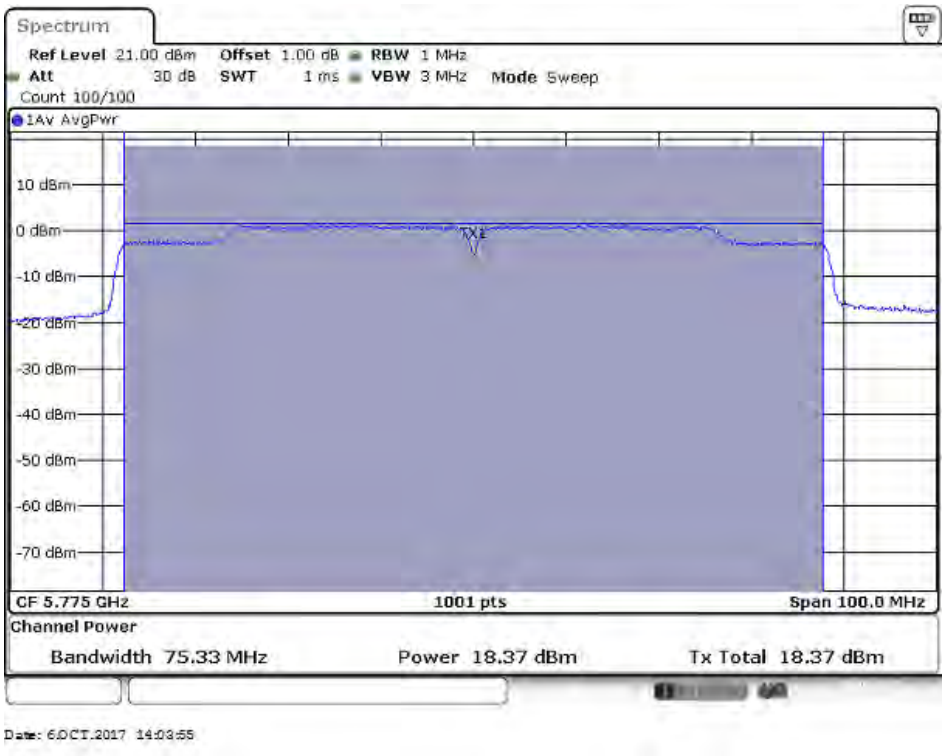
Channel 138 (Band4)



Date: 21.SEP.2017 13:33:28

Maximum conducted output power:

Channel 155



Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/09/20
Test Mode : Mode 1 SISO A: Transmit (802.11ac-160BW-65Mbps)

Cable loss=1.5dB		Average Power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
50ac160(Band1)	5250	9.43	11.20	11.16	11.11	11.07	11.03	10.97	10.93	10.87	10.84	<24dBm
50ac160(Band2)	5250	9.91	11.53	11.49	11.43	11.38	11.32	11.27	11.22	11.16	11.10	<24dBm
114ac160	5570	14.91	15.37	15.32	15.27	15.23	15.19	15.13	15.09	15.05	15.00	<24dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

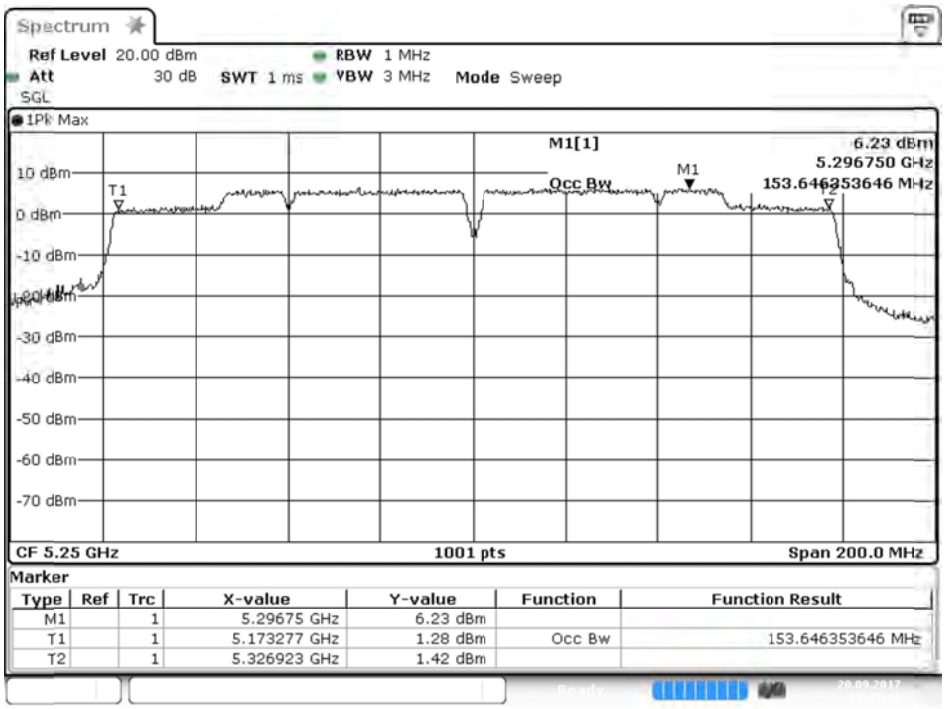
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
50ac160(Band1)	5710	--	11.20	24	--	Pass
50ac160(Band2)	5710	76.620	11.53	24	29.84	Pass
155	5775	153.440	15.37	24	32.86	Pass

Note: Power Output Value = Reading value on Spectrum Analyzer + cable loss

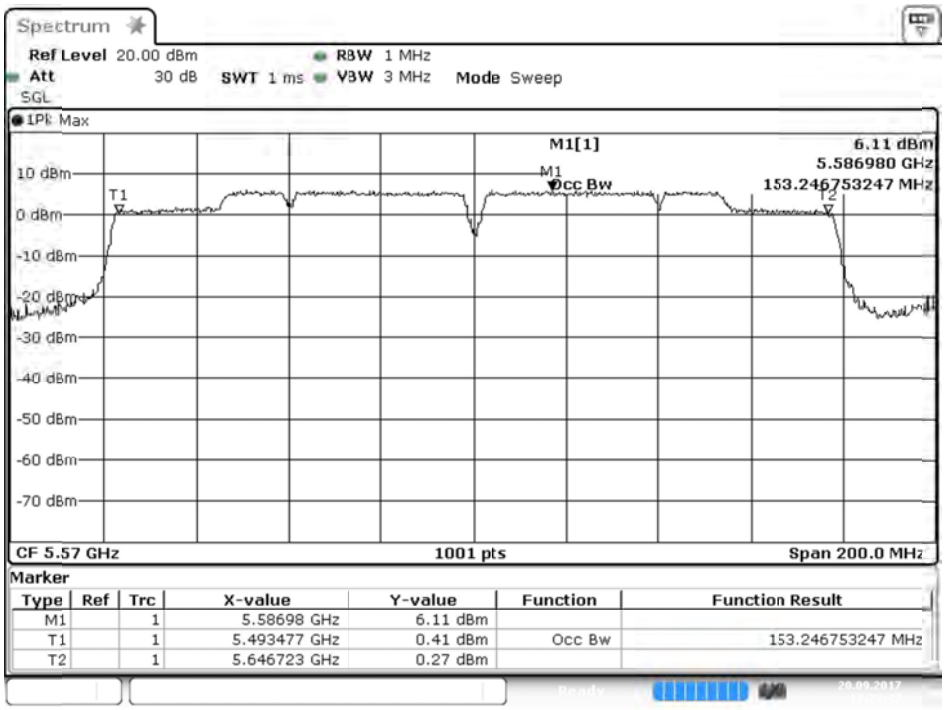
99% Occupied Bandwidth:

Channel 50



Date: 20.SEP.2017 17:27:18

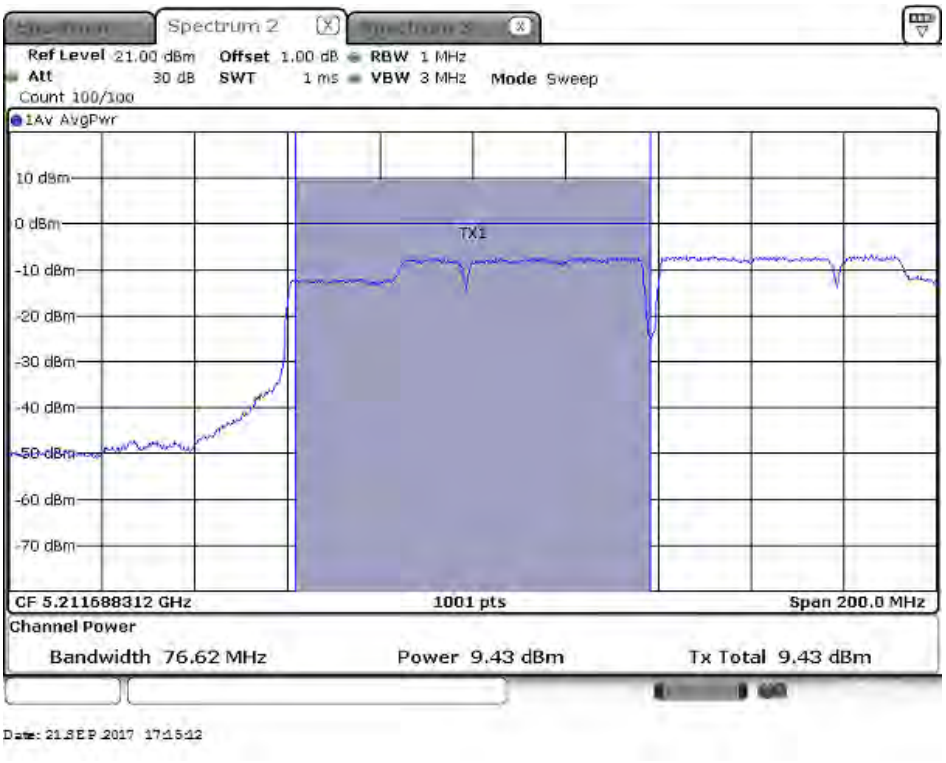
Channel 144



Date: 20.SEP.2017 17:27:48

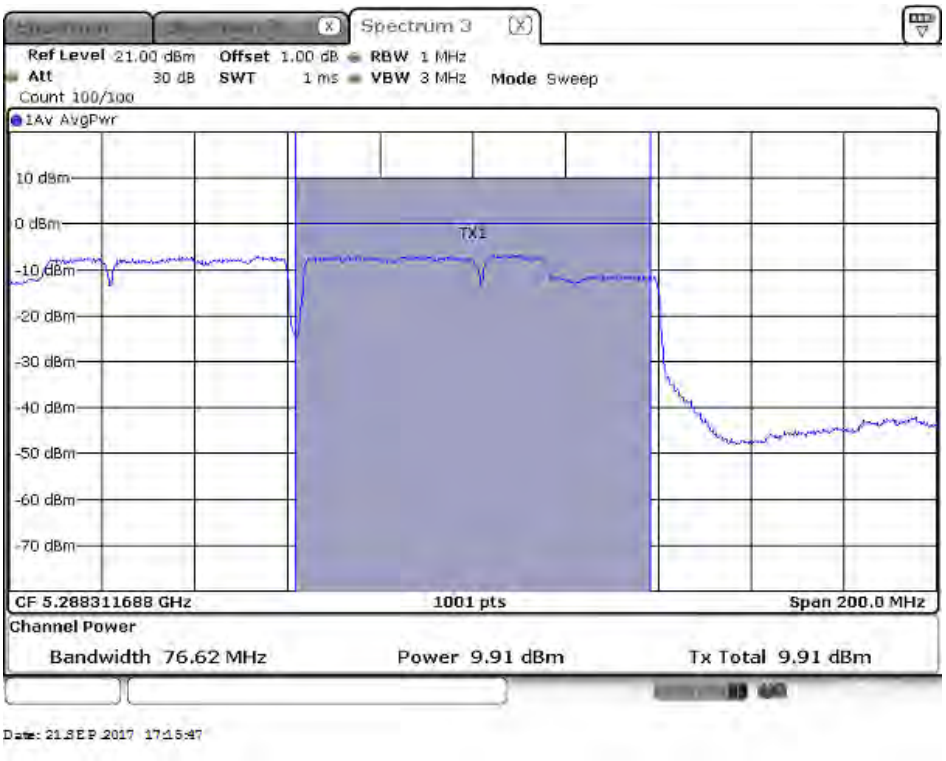
Maximum conducted output power:

Channel 50



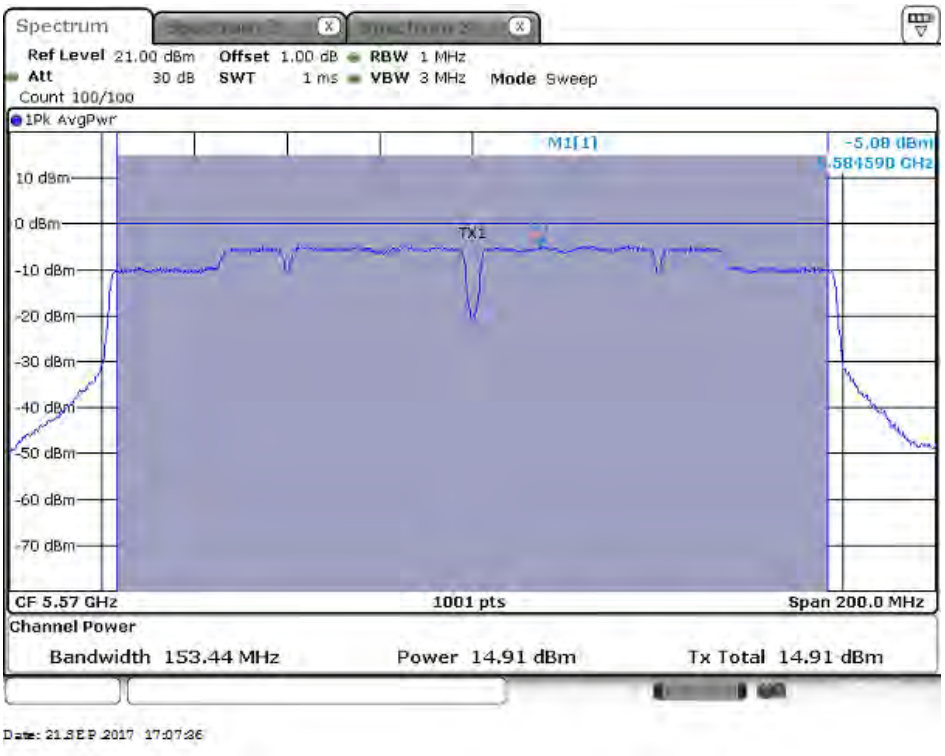
Maximum conducted output power:

Channel 50



Maximum conducted output power:

Channel 144



Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/10/24
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps)

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		6	9	12	18	24	36	48	54	
		Measurement Level (dBm)								
36	5180	17.49	--	--	--	--	--	--	--	<24dBm
40	5200	20.47	20.4	20.33	20.26	20.19	20.12	20.05	19.98	<24dBm
48	5240	20.96	--	--	--	--	--	--	--	<24dBm
52	5260	21.5	--	--	--	--	--	--	--	<24dBm
56	5280	21.43	21.36	21.29	21.22	21.15	21.08	21.01	20.94	<24dBm
64	5320	16.98	--	--	--	--	--	--	--	<24dBm
100	5500	17.48	--	--	--	--	--	--	--	<24dBm
116	5580	21.48	21.41	21.34	21.27	21.2	21.13	21.06	20.99	<24dBm
140	5700	18.46	--	--	--	--	--	--	--	<24dBm
149	5745	21.93	--	--	--	--	--	--	--	<30dBm
157	5785	21.24	21.17	21.1	21.03	20.96	20.89	20.82	20.75	<30dBm
165	5825	21.4	--	--	--	--	--	--	--	<30dBm

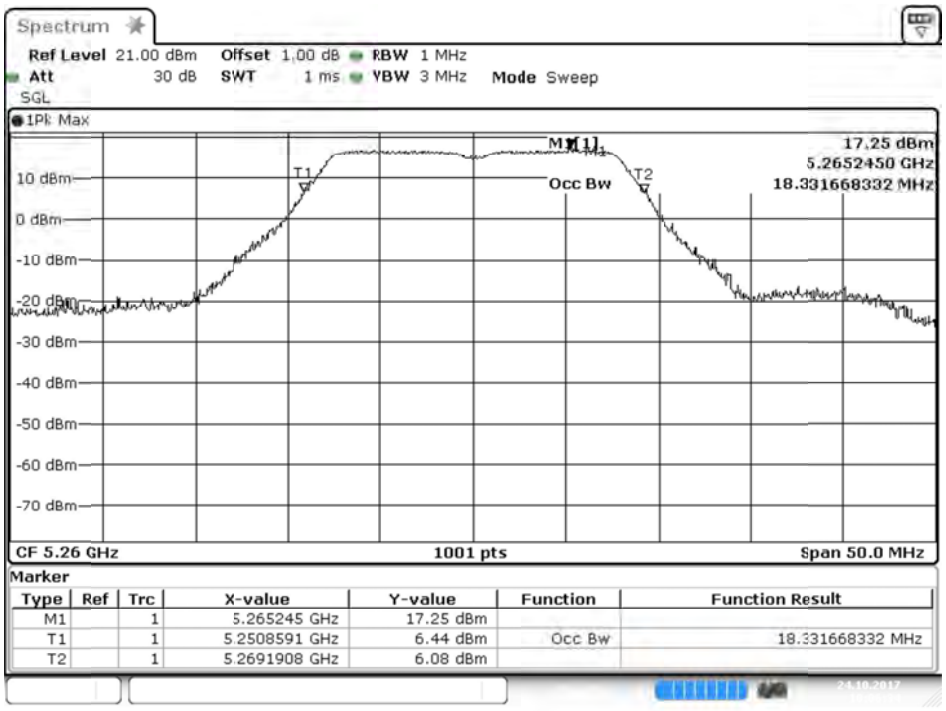
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
36	5180	--	17.49	24	--	Pass
40	5200	--	20.47	24	--	Pass
48	5240	--	20.96	24	--	Pass
52	5260	18.331	21.5	24	23.63	Pass
56	5280	18.281	21.43	24	23.62	Pass
64	5320	18.231	16.98	24	23.61	Pass
100	5500	18.331	17.48	24	23.63	Pass
116	5580	18.281	21.48	24	23.62	Pass
140	5700	18.281	18.46	24	23.62	Pass
149	5745	--	21.93	30	--	Pass
157	5785	--	21.24	30	--	Pass
165	5825	--	21.4	30	--	Pass

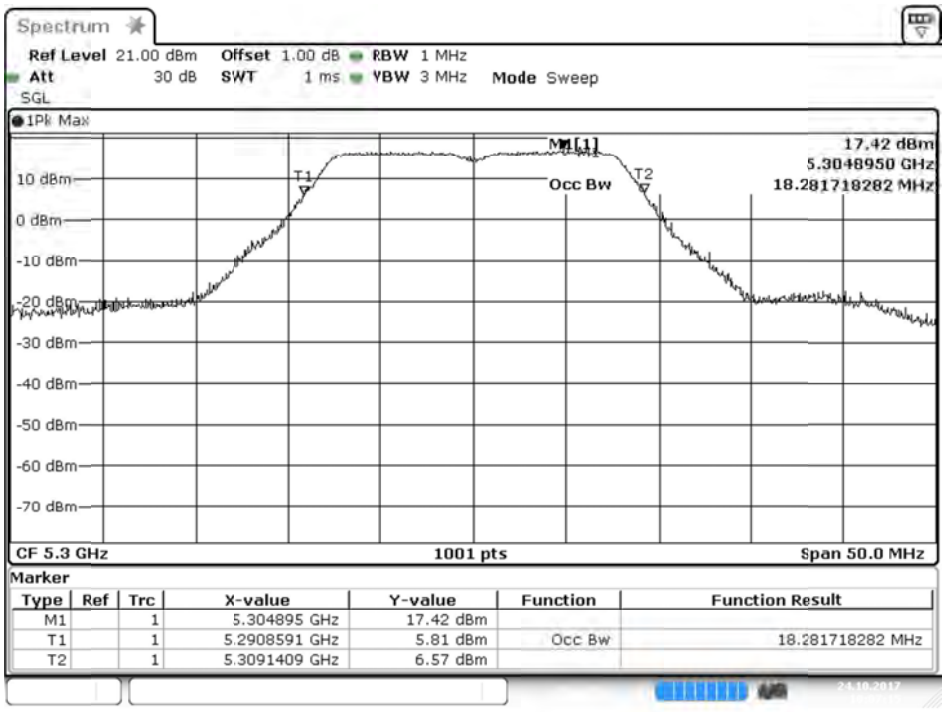
Note: Power Output Value =Reading value on average power meter + cable loss

99% Occupied Bandwidth:
Channel 52:



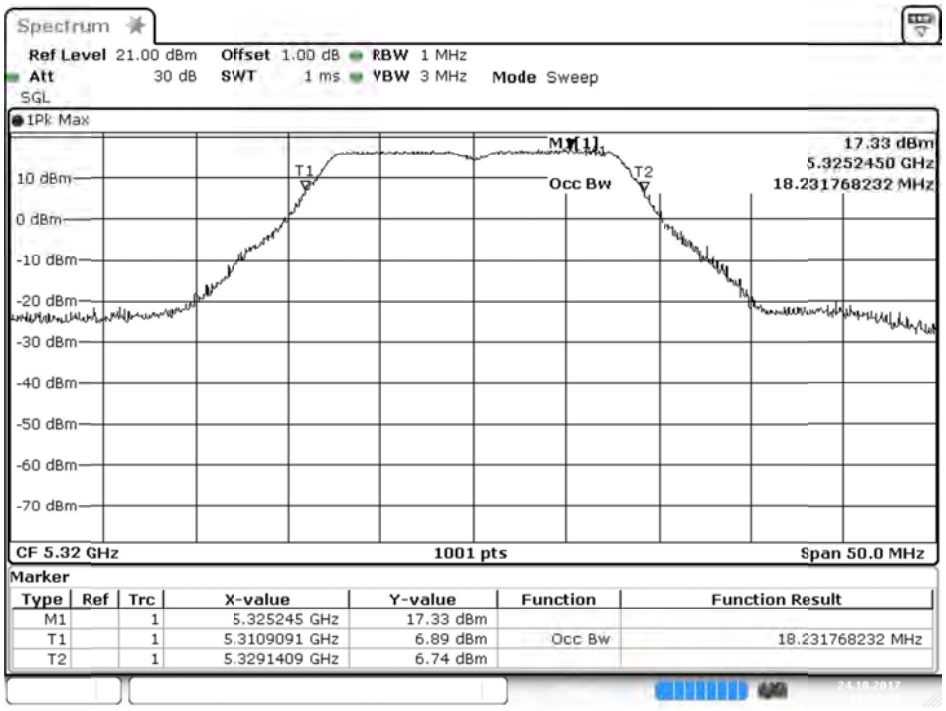
Date: 24.OCT.2017 10:06:35

Channel 56:



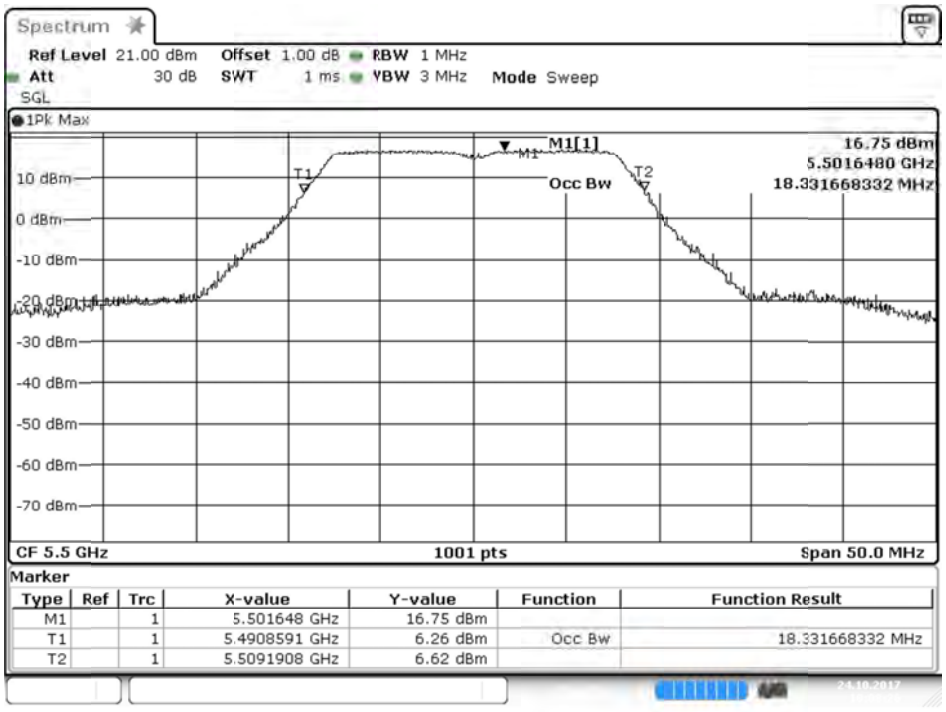
Date: 24.OCT.2017 10:07:15

Channel 64:



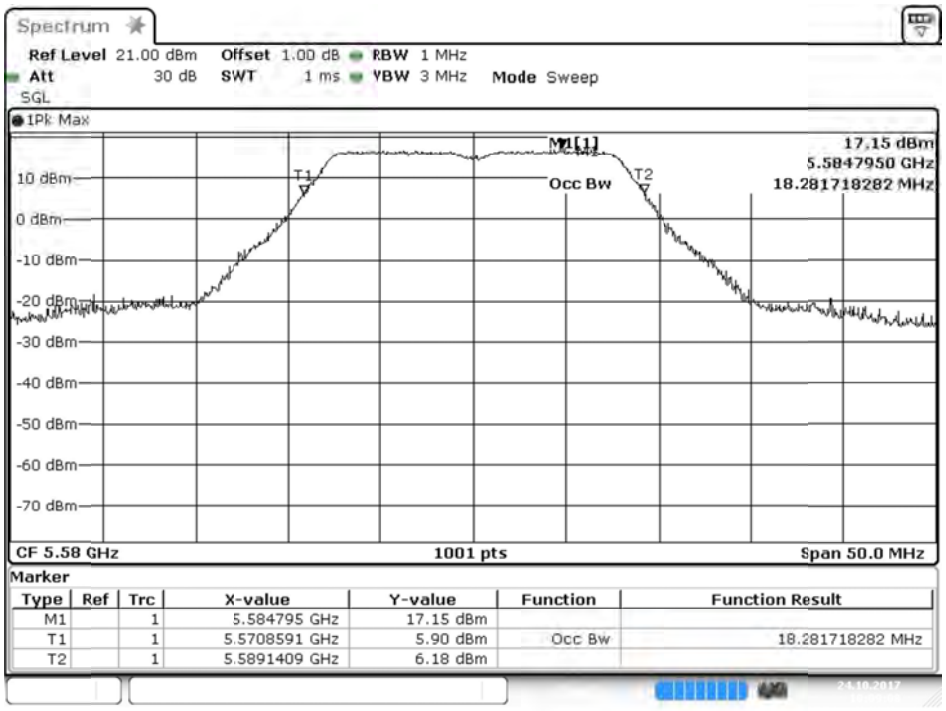
Date: 24.OCT.2017 10:07:51

Channel 100:



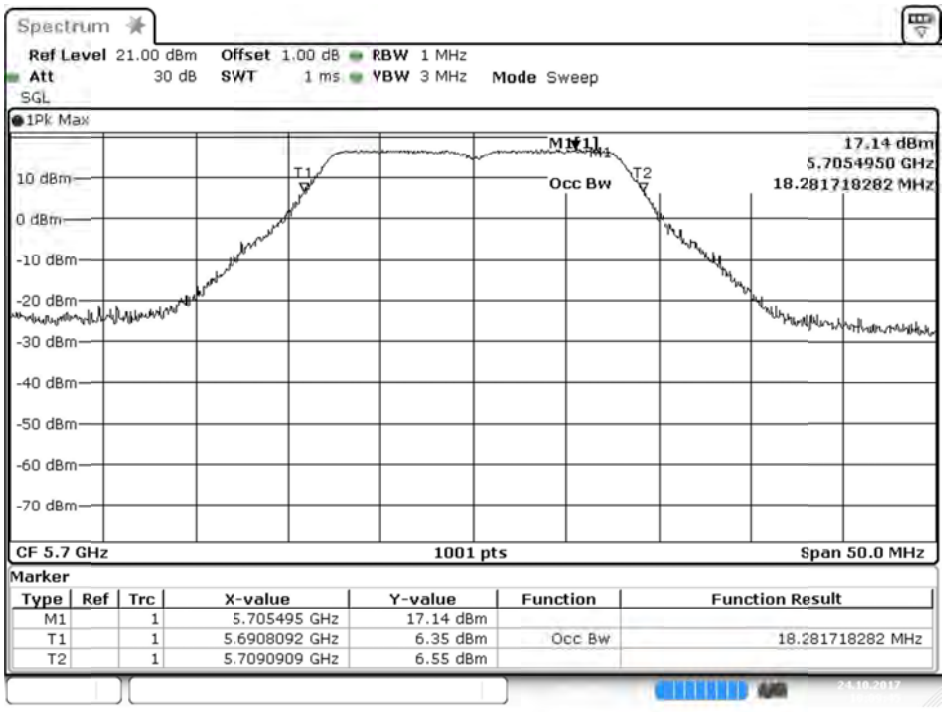
Date: 24.OCT.2017 10:08:26

Channel 116:



Date: 24.OCT.2017 10:09:08

Channel 140:



Date: 24.OCT.2017 10:09:45

Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/10/24
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps)

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		7.2	14.4	21.7	28.9	43.3	57.8	65	72.2	
		Measurement Level (dBm)								
36	5180	17.47	--	--	--	--	--	--	--	<24dBm
40	5200	20.48	20.41	20.34	20.27	20.2	20.13	20.06	19.99	<24dBm
48	5240	20.97	--	--	--	--	--	--	--	<24dBm
52	5260	21.44	--	--	--	--	--	--	--	<24dBm
56	5280	20.98	20.91	20.84	20.77	20.7	20.63	20.56	20.49	<24dBm
64	5320	17.47	--	--	--	--	--	--	--	<24dBm
100	5500	18.44	--	--	--	--	--	--	--	<24dBm
116	5580	21.43	21.36	21.29	21.22	21.15	21.08	21.01	20.94	<24dBm
140	5700	18.96	--	--	--	--	--	--	--	<24dBm
149	5745	20.98	--	--	--	--	--	--	--	<30dBm
157	5785	21.35	21.28	21.21	21.14	21.07	21	20.93	20.86	<30dBm
165	5825	21.47	--	--	--	--	--	--	--	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

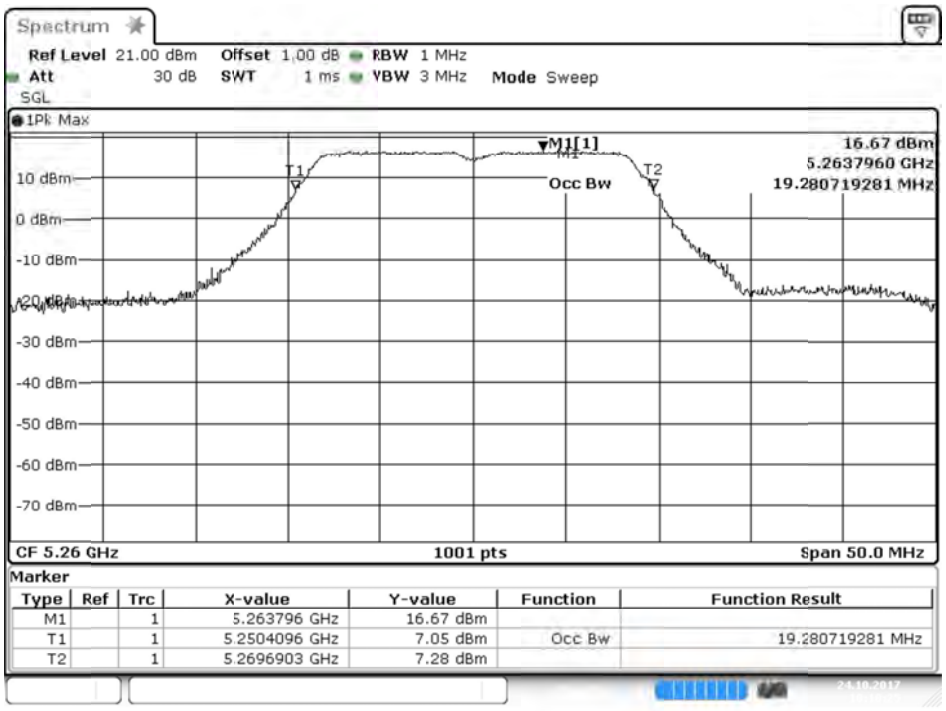
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
36	5180	--	17.47	24	--	Pass
40	5200	--	20.48	24	--	Pass
48	5240	--	20.97	24	--	Pass
52	5260	19.280	21.44	24	23.85	Pass
56	5280	19.280	20.98	24	23.85	Pass
64	5320	19.280	17.47	24	23.85	Pass
100	5500	19.280	18.44	24	23.85	Pass
116	5580	19.280	21.43	24	23.85	Pass
140	5700	19.280	18.96	24	23.85	Pass
149	5745	--	20.98	30	--	Pass
157	5785	--	21.35	30	--	Pass
165	5825	--	21.47	30	--	Pass

Note: Power Output Value =Reading value on average power meter + cable loss

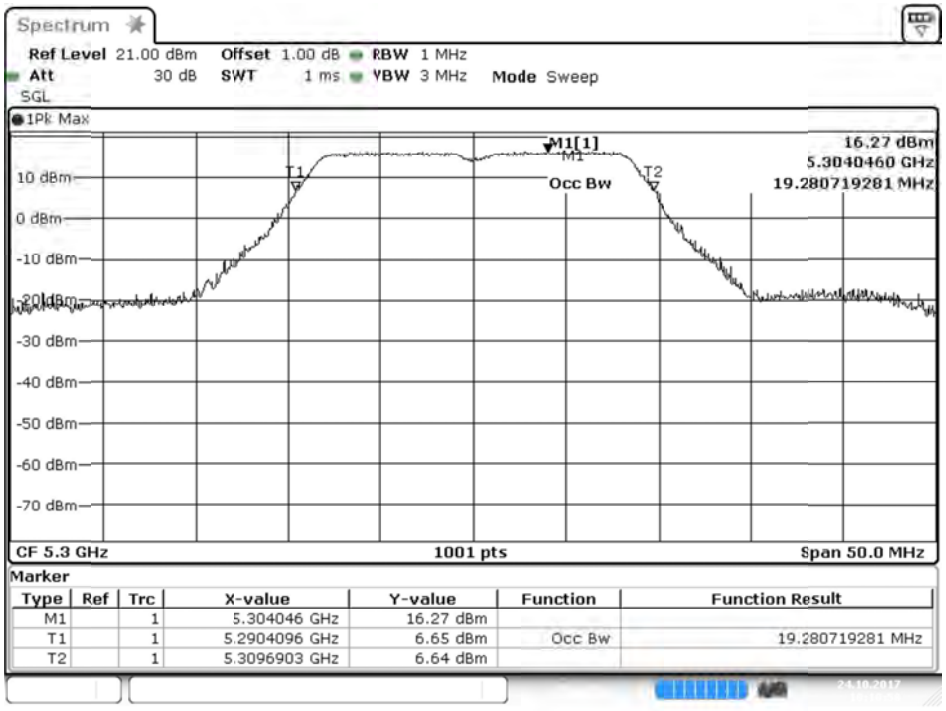
99% Occupied Bandwidth:

Channel 52:



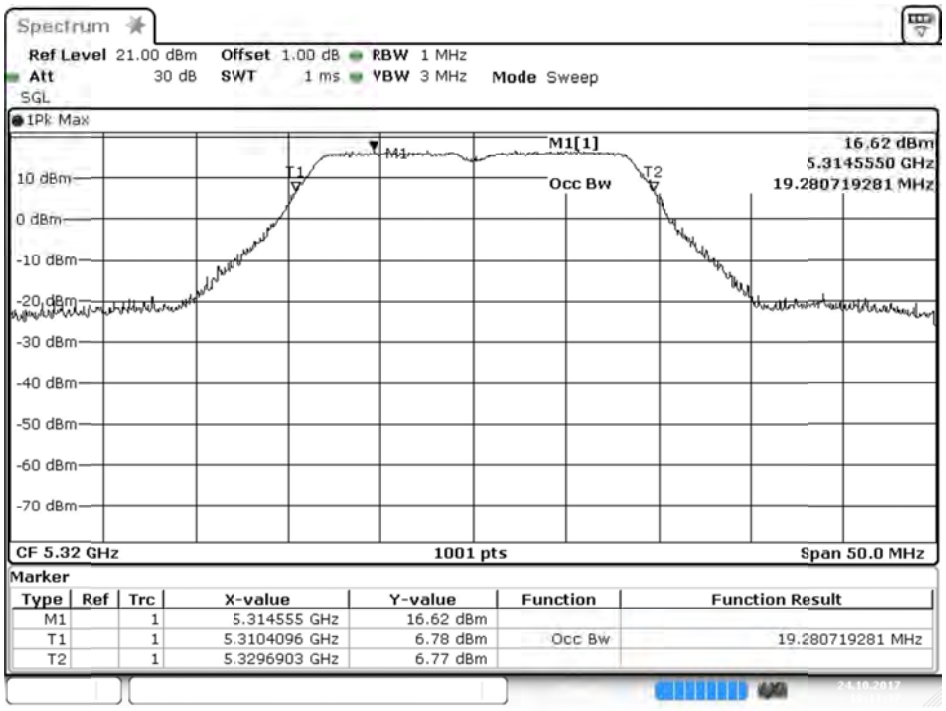
Date: 24.OCT.2017 10:10:25

Channel 56:



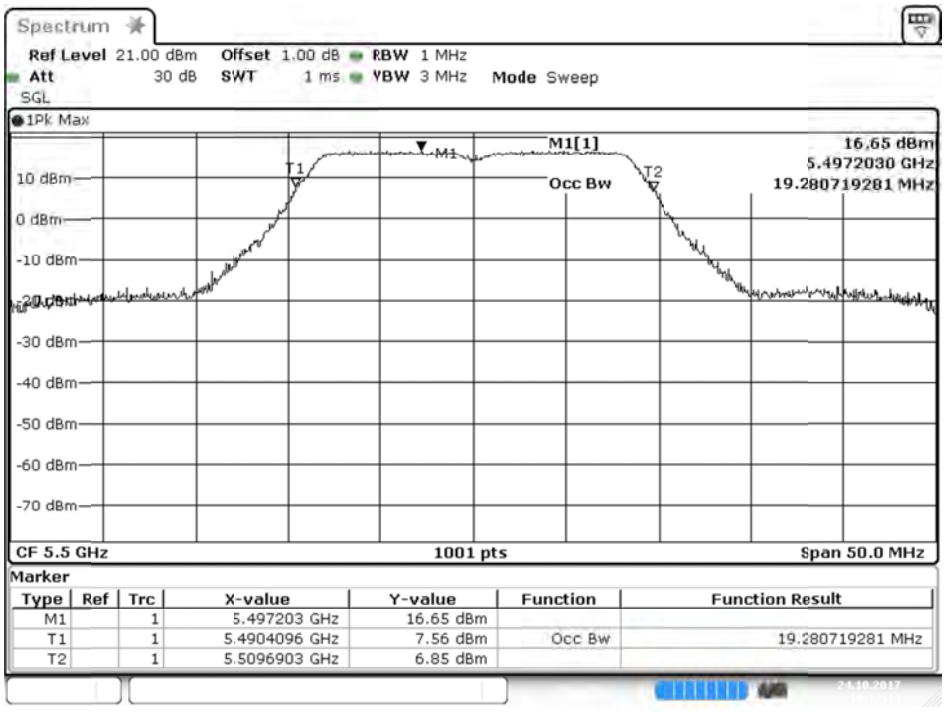
Date: 24.OCT.2017 10:10:58

Channel 64:



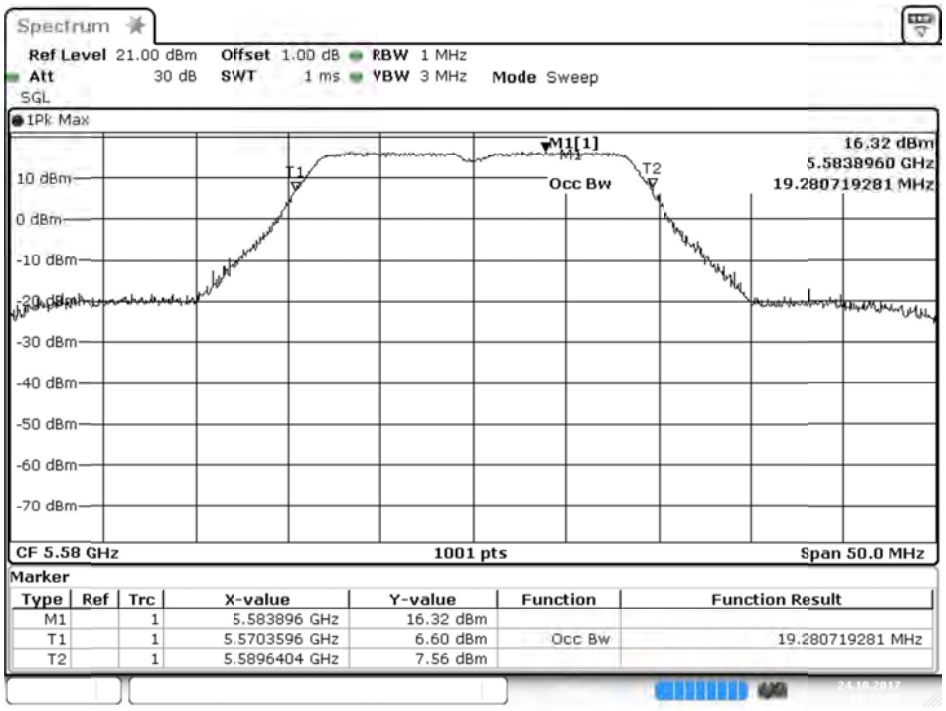
Date: 24.OCT.2017 10:11:38

Channel 100:



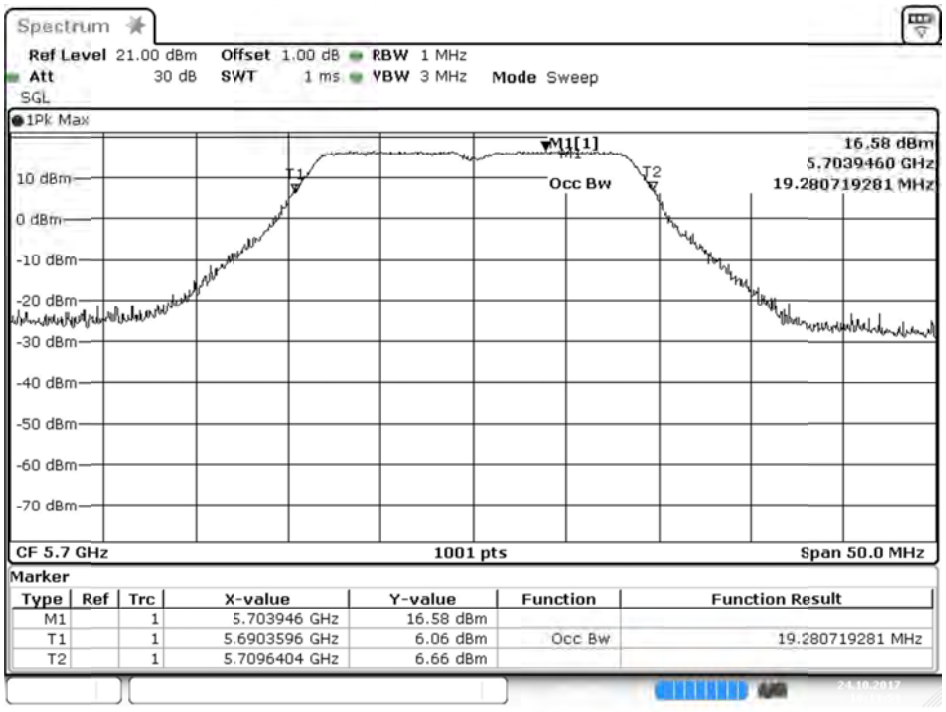
Date: 24.OCT.2017 10:12:13

Channel 116:



Date: 24.OCT.2017 10:12:52

Channel 140:



Date: 24.OCT.2017 10:13:54

Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/10/24
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps)

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		15	30	45	60	90	120	135	150	
		Measurement Level (dBm)								
38	5190	17.41	--	--	--	--	--	--	--	<24dBm
46	5230	18.43	18.36	18.29	18.22	18.15	18.08	18.01	17.94	<24dBm
54	5270	18.47	--	--	--	--	--	--	--	<24dBm
62	5310	15.45	15.38	15.31	15.24	15.17	15.1	15.03	14.96	<24dBm
102	5510	17.94	--	--	--	--	--	--	--	<24dBm
110	5550	21.46	21.39	21.32	21.25	21.18	21.11	21.04	20.97	<24dBm
134	5670	18.92	--	--	--	--	--	--	--	<24dBm
151	5755	19.46	--	--	--	--	--	--	--	<30dBm
159	5795	20.25	20.18	20.11	20.04	19.97	19.9	19.83	19.76	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

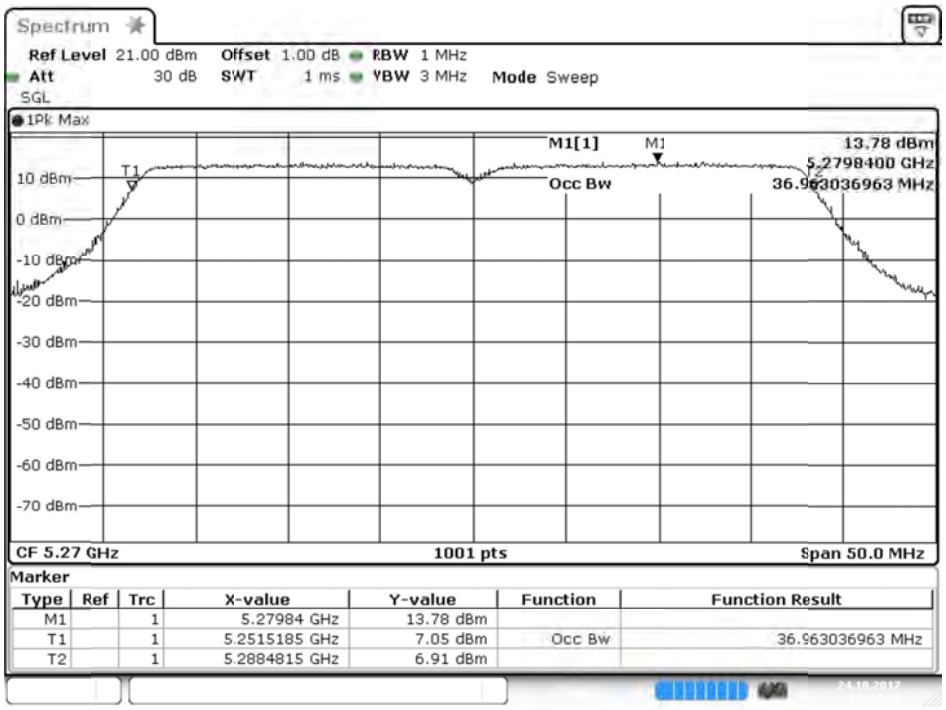
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
38	5190	--	17.41	24	--	Pass
46	5230	--	18.43	24	--	Pass
54	5270	36.963	18.47	24	26.68	Pass
62	5310	37.012	15.45	24	26.68	Pass
102	5510	37.062	17.94	24	26.69	Pass
110	5550	37.262	21.46	24	26.71	Pass
134	5670	37.062	18.92	24	26.69	Pass
151	5755	--	19.46	30	--	Pass
159	5795	--	20.25	30	--	Pass

Note: Power Output Value =Reading value on average power meter + cable loss

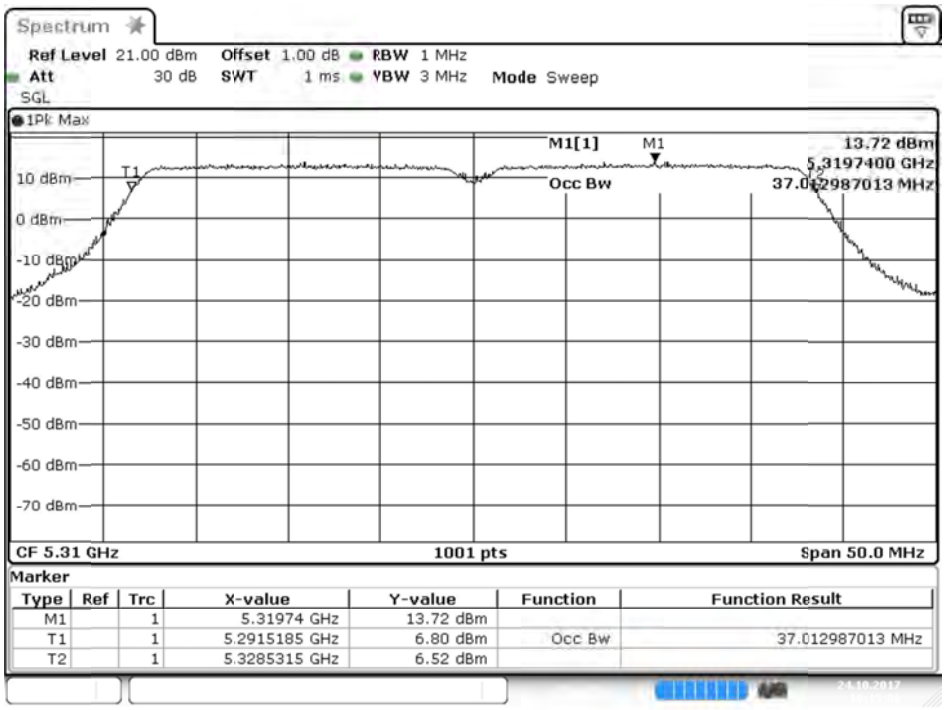
99% Occupied Bandwidth:

Channel 54



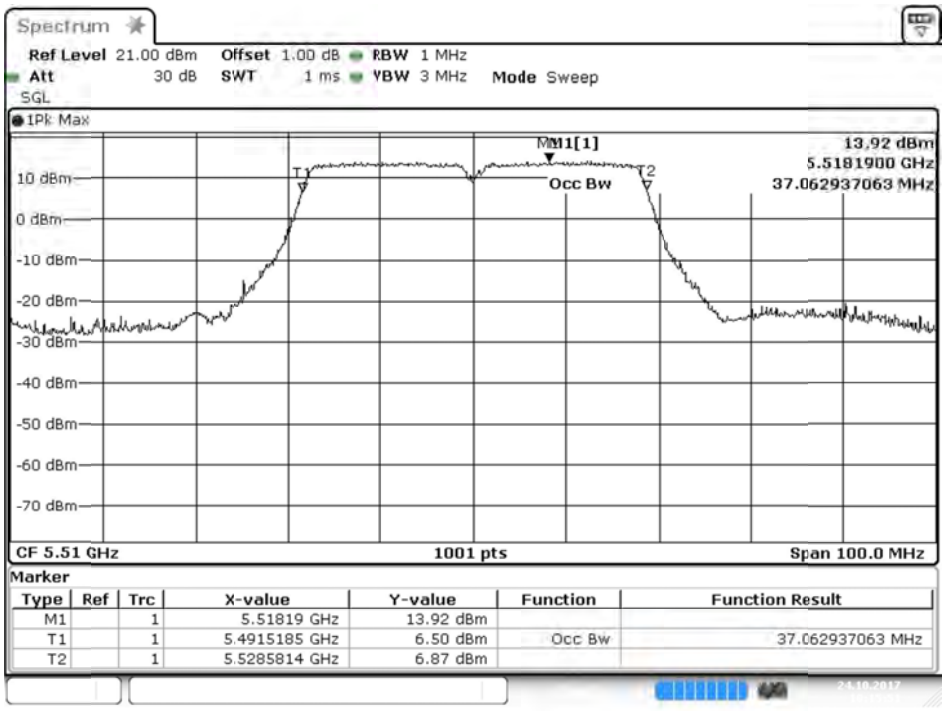
Date: 24.OCT.2017 10:14:33

Channel 62



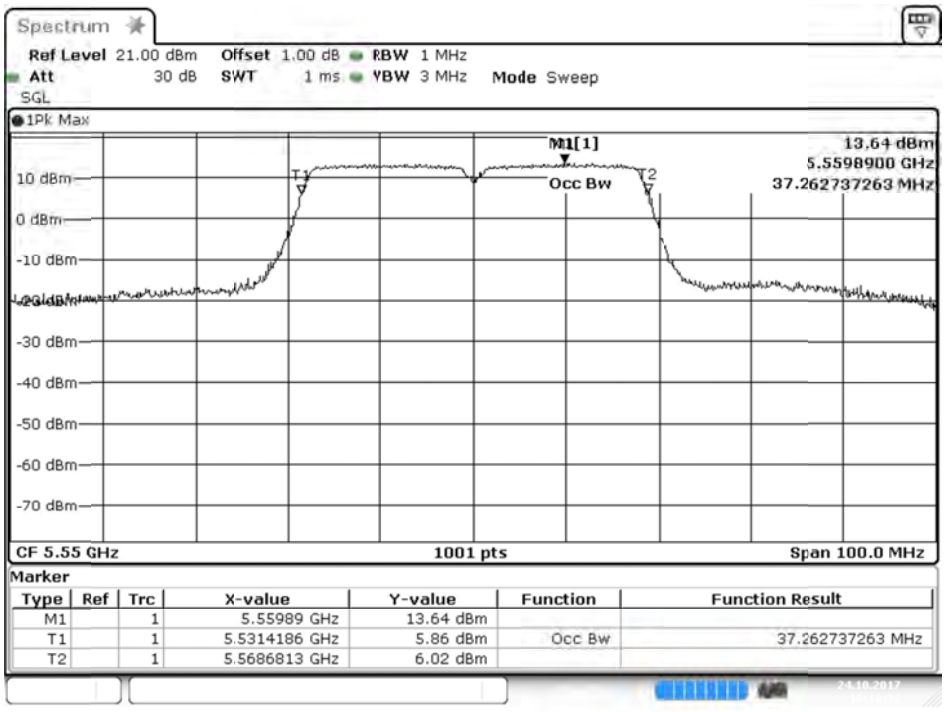
Date: 24.OCT.2017 10:15:07

Channel 102



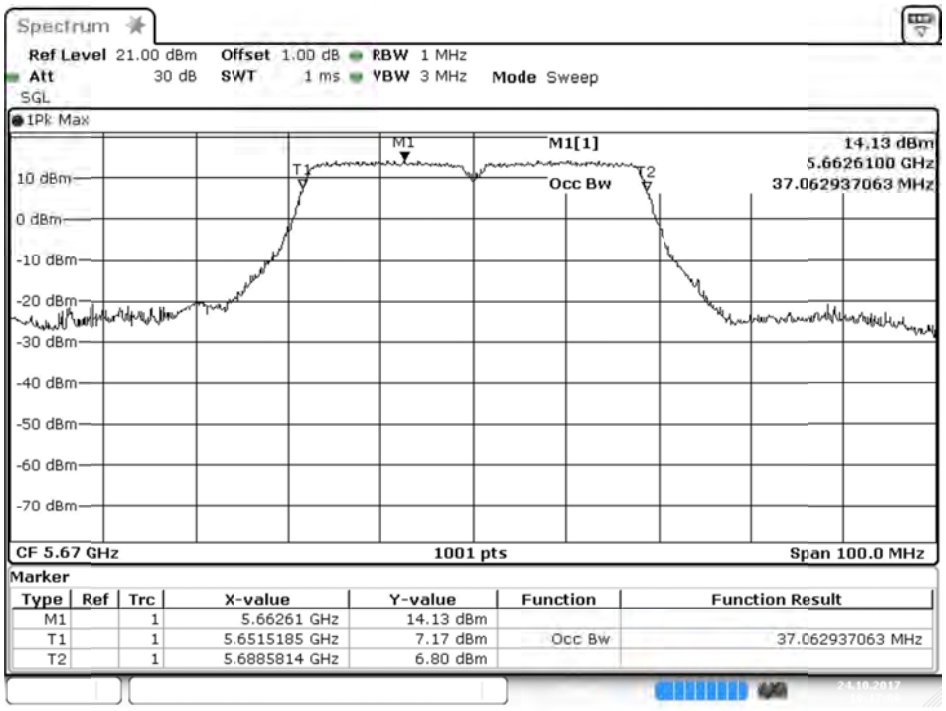
Date: 24.OCT.2017 10:15:51

Channel 110



Date: 24.OCT.2017 10:16:32

Channel 134


Spectrum
Ref Level 21.00 dBm Offset 1.00 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep
SGL
1Pk Max
M1
M1[1]
14.13 dBm
5.6626100 GHz
Occ Bw
37.062937063 MHz
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
CF 5.67 GHz
1001 pts
Span 100.0 MHz
Marker
Type Ref Trc X-value Y-value Function Function Result
M1 1 5.66261 GHz 14.13 dBm
T1 1 5.6515185 GHz 7.17 dBm Occ Bw 37.062937063 MHz
T2 1 5.6885814 GHz 6.80 dBm
Date: 24.OCT.2017 10:17:06

Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/09/21
Test Mode : Mode 2 SISO B: Transmit (802.11ac-20BW-7.2Mbps)

Cable loss=1.5dB		Average Power									
Channel No.	Frequency (MHz)	Data Rate (Mbps)									Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	
		Measurement Level (dBm)									
144 (Band3)	5720	20.25	19.97	19.93	19.89	19.85	19.79	19.75	19.69	19.63	<24dBm
144 (Band4)	5720	14.70	15.77	15.72	15.67	15.62	15.58	15.53	15.49	15.43	<30dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

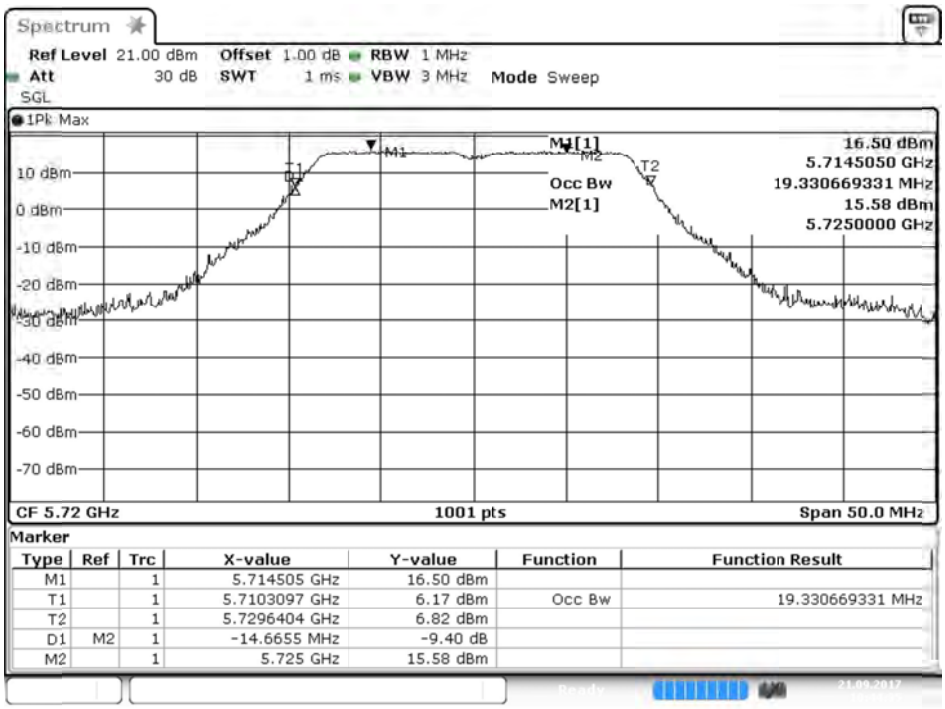
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
144(Band3)	5720	14.670	20.25	24	22.66	Pass
144(Band4)	5720	--	15.77	30	--	Pass

Note: Power Output Value = Reading value on Spectrum Analyzer + cable loss

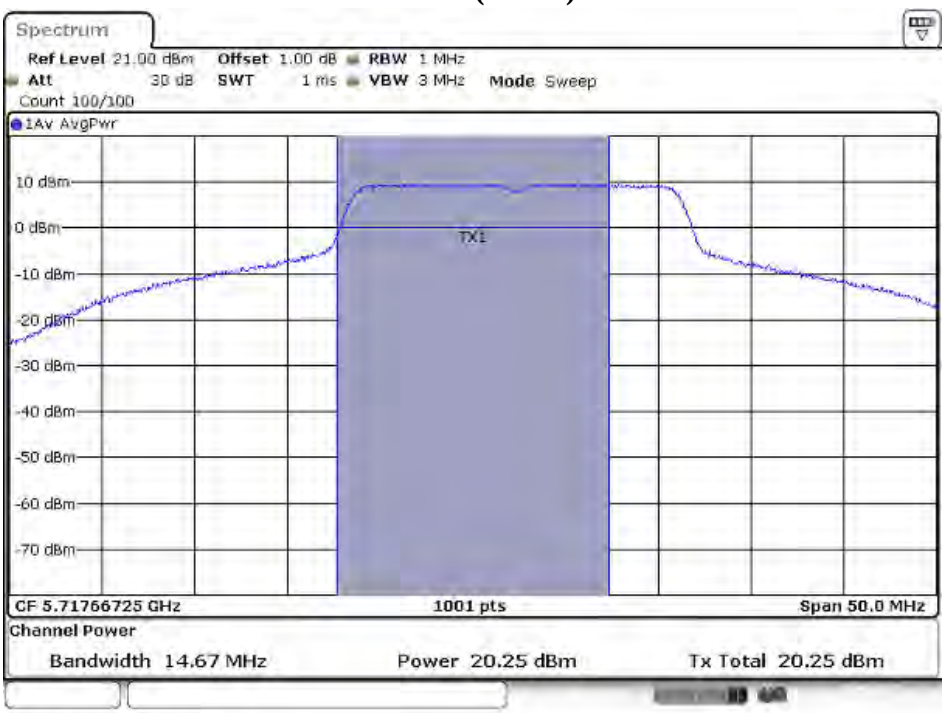
99% Occupied Bandwidth:

Channel 144

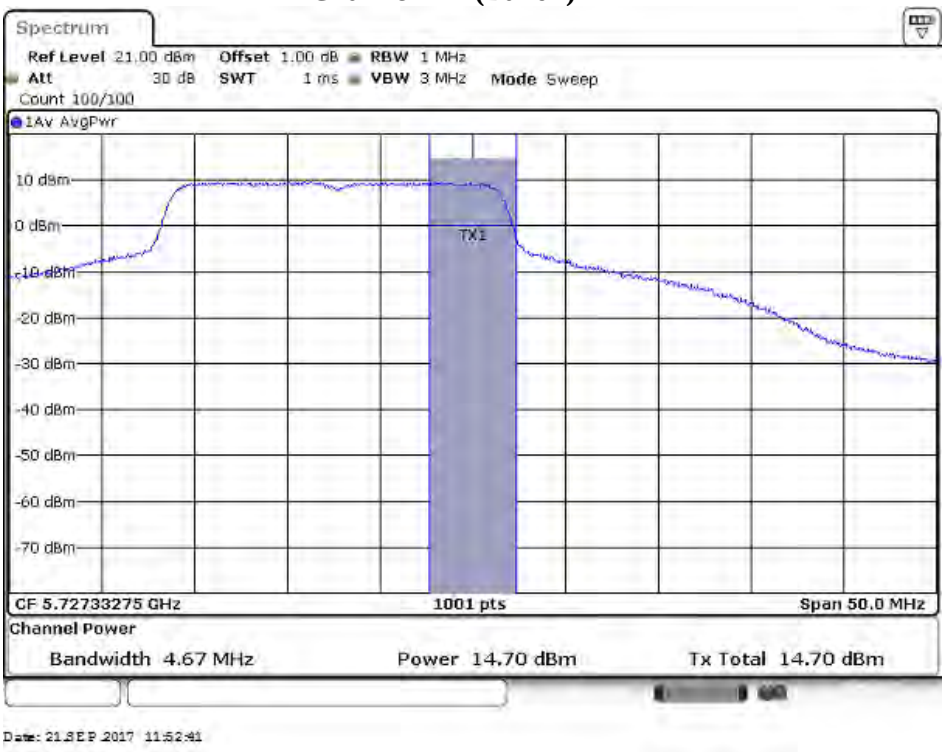


Maximum conducted output power:

Channel 144 (Band3)



Channel 144 (Band4)



Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/09/21
Test Mode : Mode 2 SISO B: Transmit (802.11ac-40BW-15Mbps)

Cable loss=1.5dB		Average Power									
Channel No.	Frequency (MHz)	Data Rate (Mbps)									Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	
		Measurement Level (dBm)									
142F(Band3)	5710	20.27	20.73	20.69	20.65	20.59	20.53	20.49	20.45	20.40	<24dBm
142F(Band4)	5710	10.10	12.53	12.49	12.45	12.39	12.32	12.28	12.24	12.19	<30dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

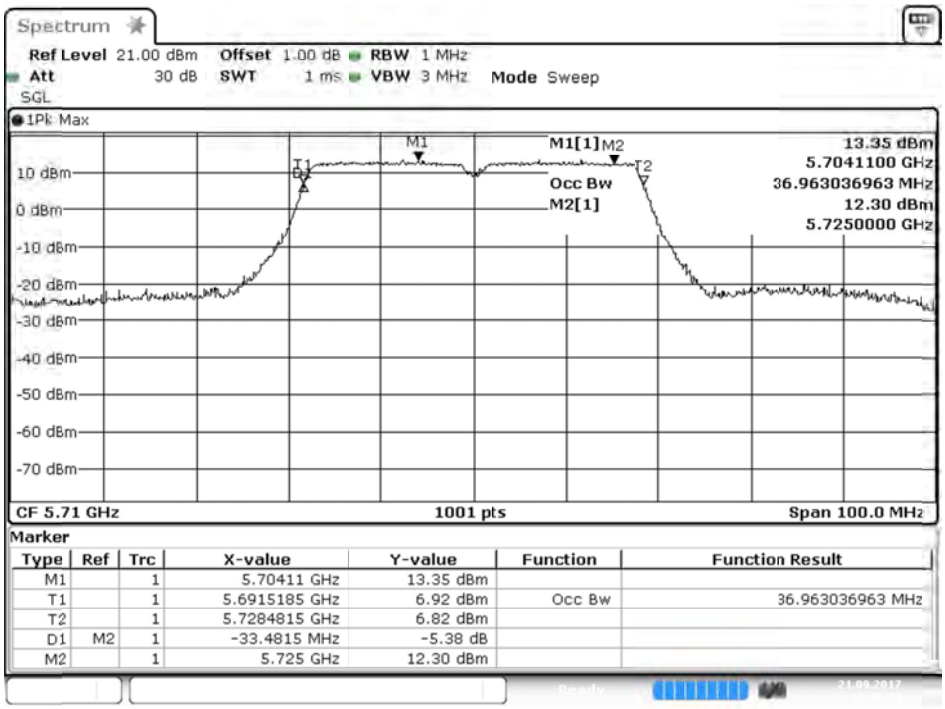
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
142F(Band3)	5710	33.480	20.73	24	26.25	Pass
142F(Band4)	5710	--	12.53	30	--	Pass

Note: Power Output Value = Reading value on Spectrum Analyzer + cable loss

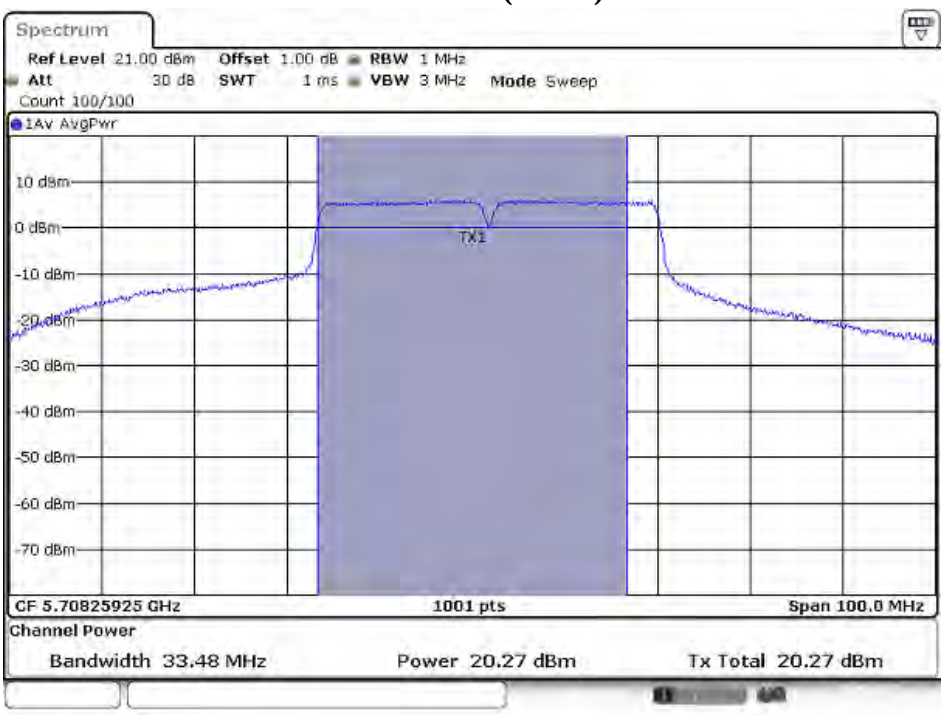
99% Occupied Bandwidth:

Channel 142

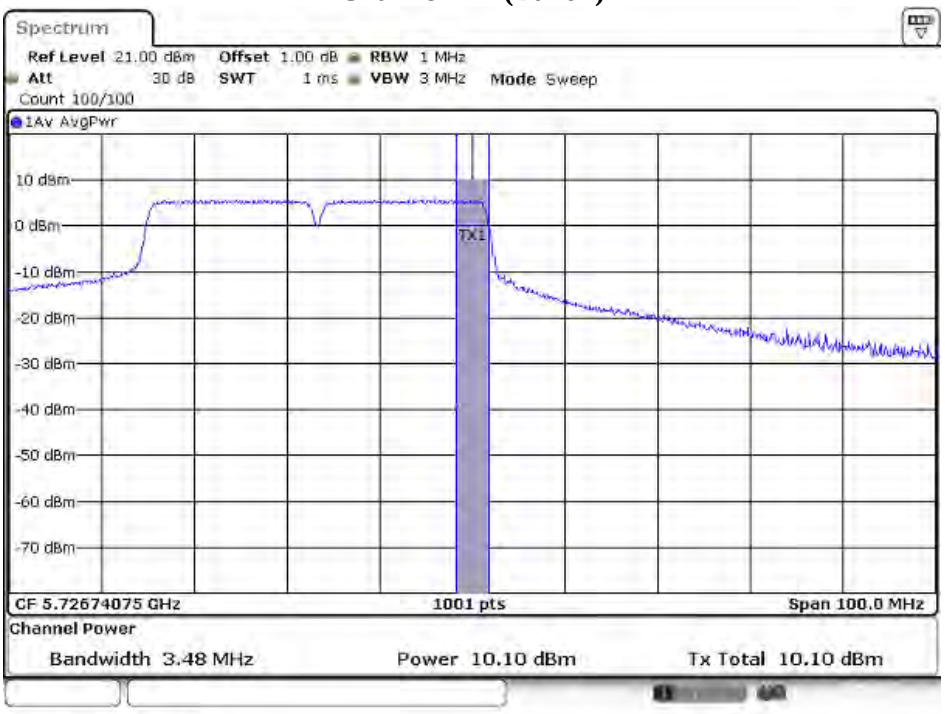


Maximum conducted output power:

Channel 142 (Band3)



Channel 142 (Band4)



Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/09/21
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps)

Cable loss=1.5dB		Average Power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
42	5210	17.80	17.48	17.43	17.38	17.32	17.28	17.22	17.16	17.10	17.06	<24dBm
58	5290	15.98	17.06	17.02	16.97	16.93	16.89	16.84	16.79	16.75	16.71	<24dBm
106	5530	17.50	17.52	17.48	17.43	17.39	17.33	17.29	17.25	17.19	17.15	<24dBm
122	5610	19.97	21.35	21.29	21.24	21.19	21.13	21.09	21.05	21.00	20.96	<24dBm
138(Band3)	5690	20.92	21.15	21.11	20.97	20.93	20.87	20.83	20.79	20.75	20.71	<24dBm
138(Band4)	5690	3.94	7.38	7.33	7.28	7.25	7.19	7.13	7.09	7.05	7.00	<30dBm
155	5775	18.99	18.18	18.14	18.09	18.04	17.99	17.95	17.91	17.87	17.83	<30dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

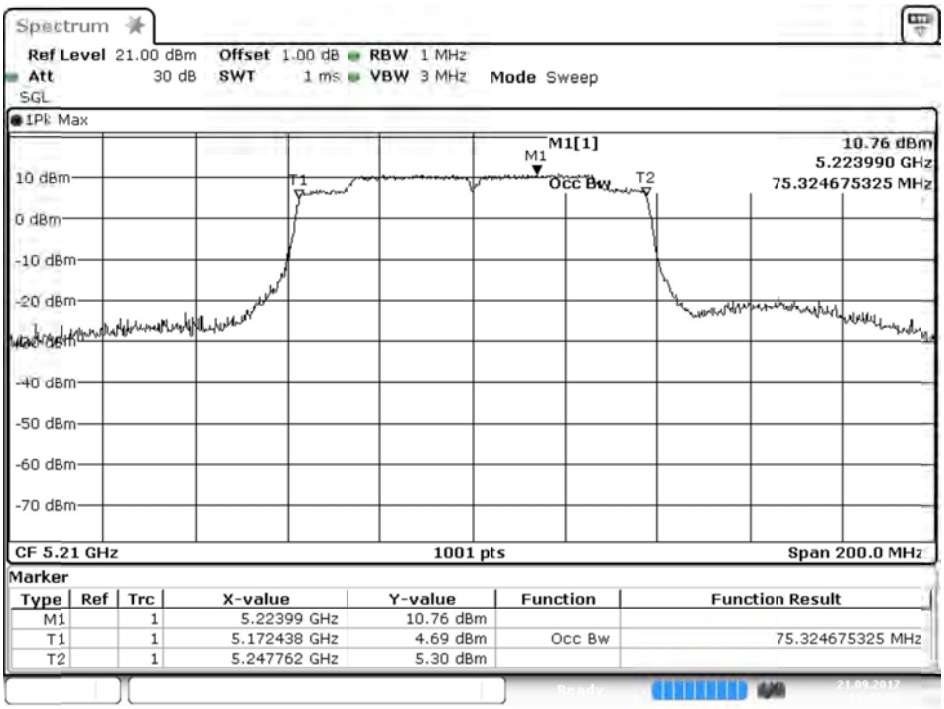
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
42	5210	--	17.80	24	--	Pass
58	5290	75.120	17.06	24	29.76	Pass
106	5530	75.120	17.52	24	29.76	Pass
122	5610	75.330	21.35	24	29.77	Pass
138(Band3)	5690	72.560	21.15	24	29.61	Pass
138 (Band4)	5690	--	7.38	30	--	Pass
155	5775	--	18.99	30	--	Pass

Note: Power Output Value = Reading value on Spectrum Analyzer + cable loss

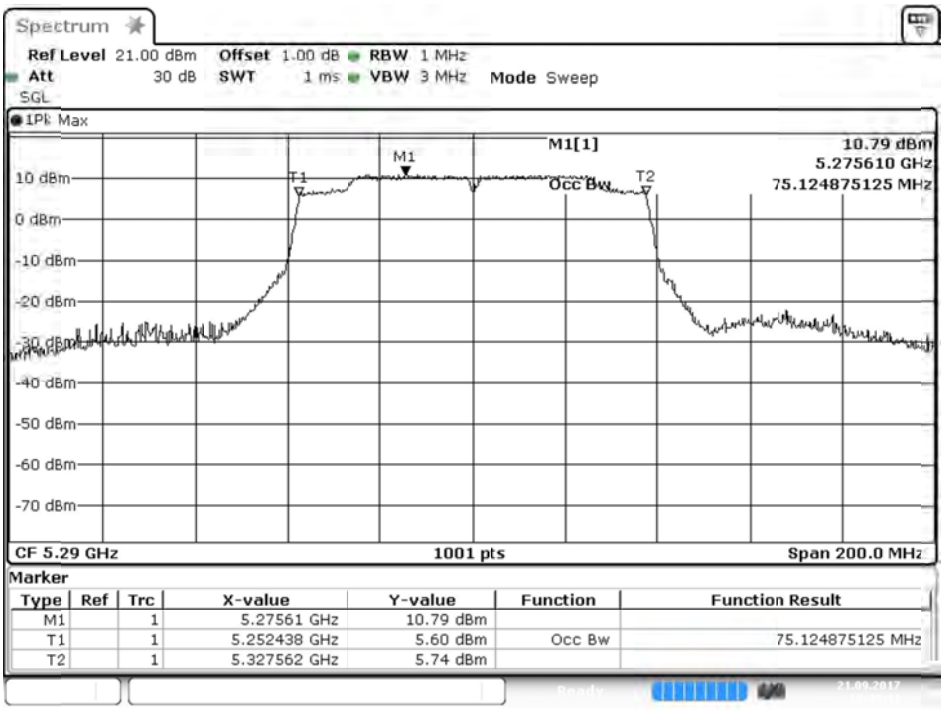
99% Occupied Bandwidth:

Channel 42



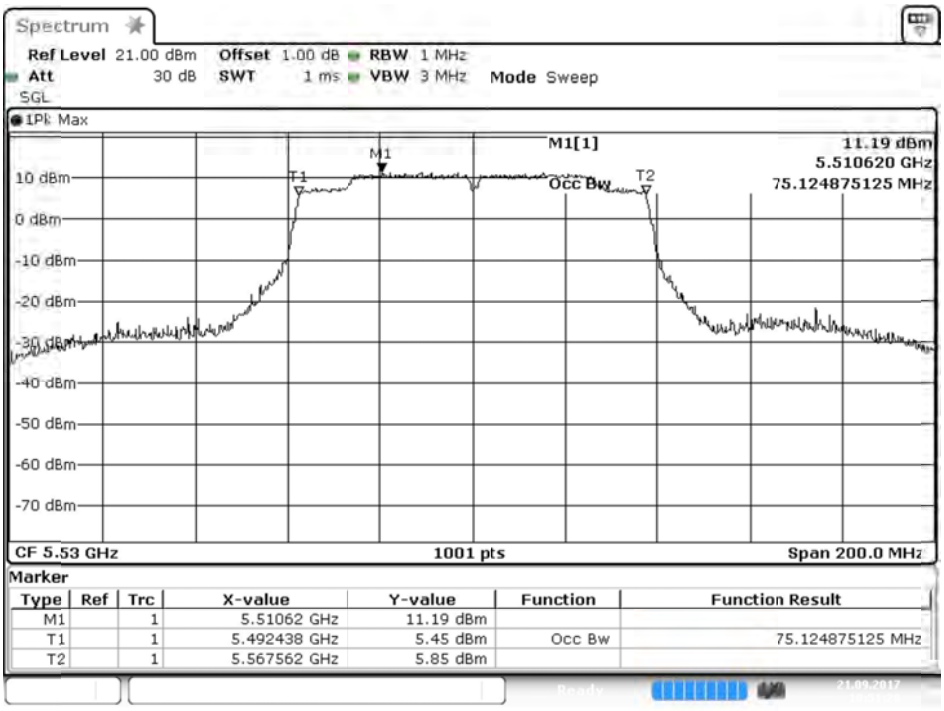
Date: 21.SEP.2017 10:48:06

Channel 58



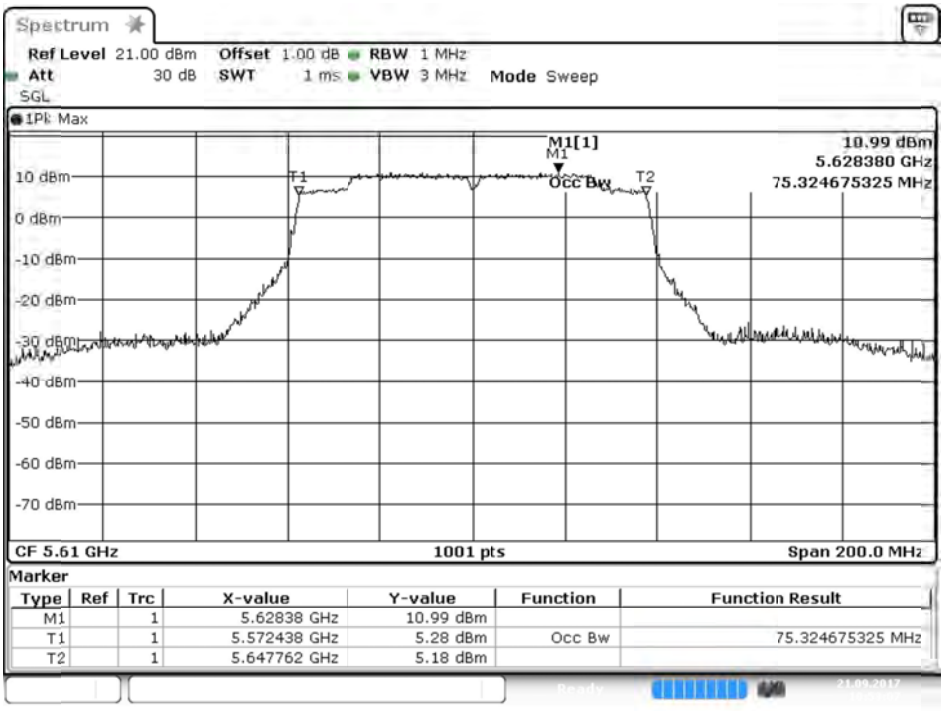
Date: 21.SEP.2017 10:49:41

Channel 106



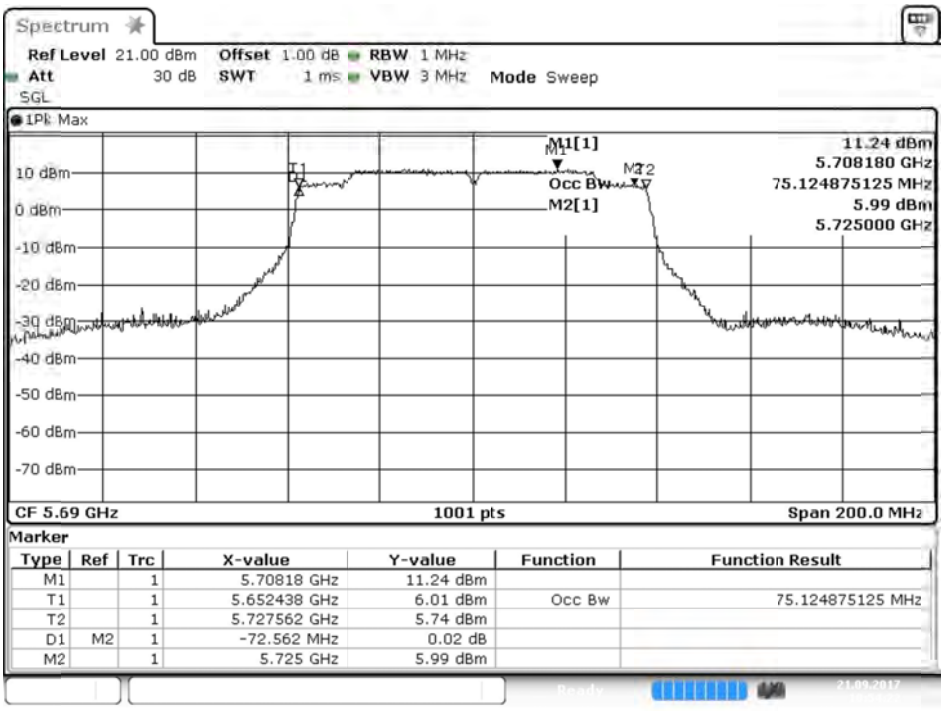
Date: 21.SEP.2017 10:51:27

Channel 122



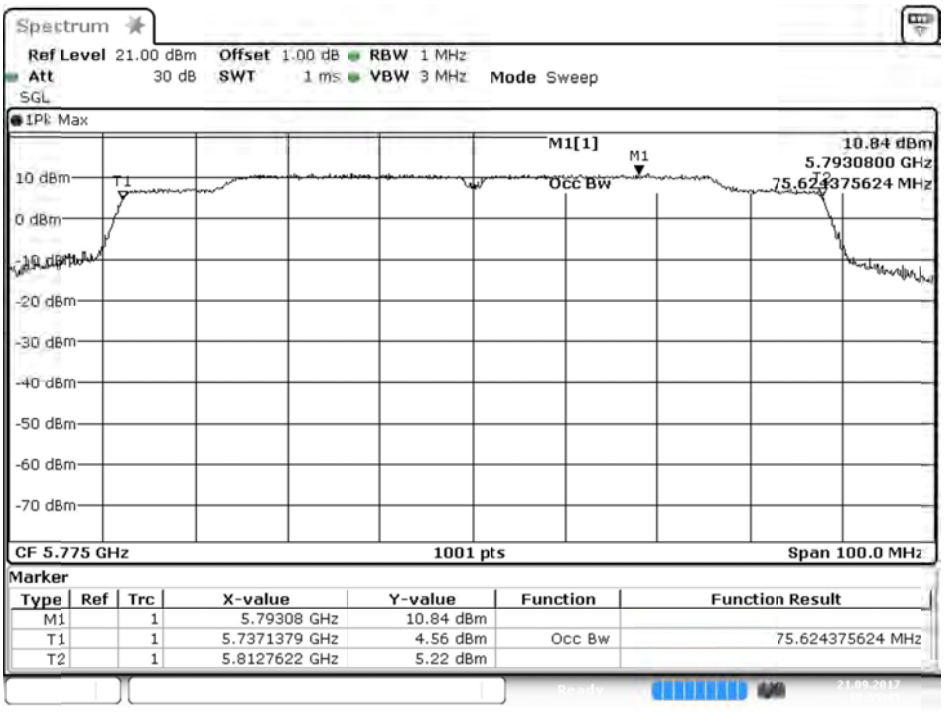
Date: 21.SEP.2017 10:53:08

Channel 138



Date: 21.SEP.2017 10:54:23

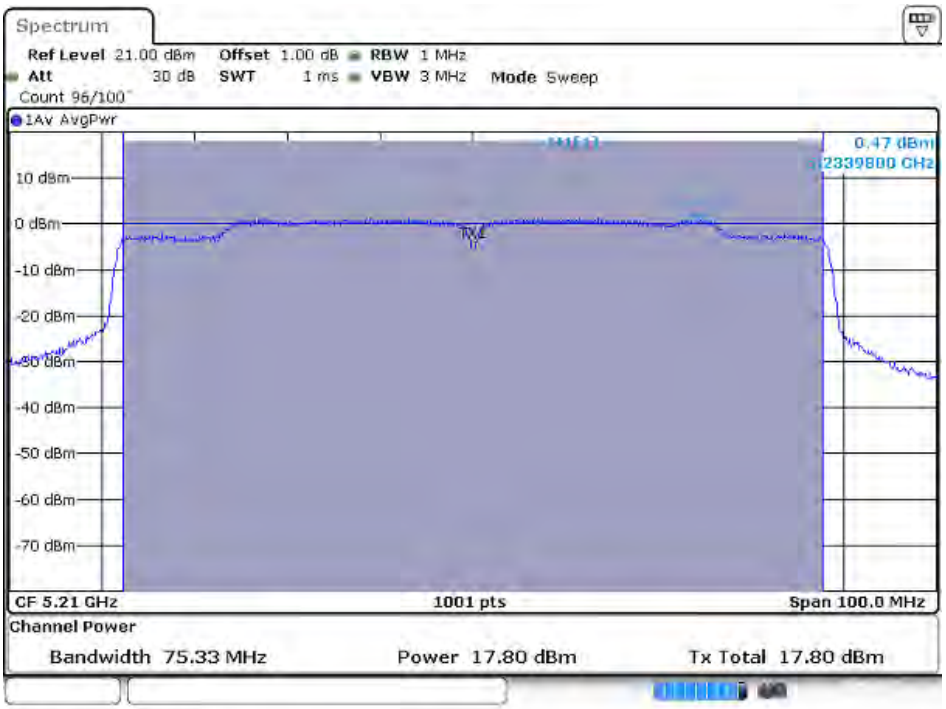
Channel 155



Date: 21.SEP.2017 10:55:46

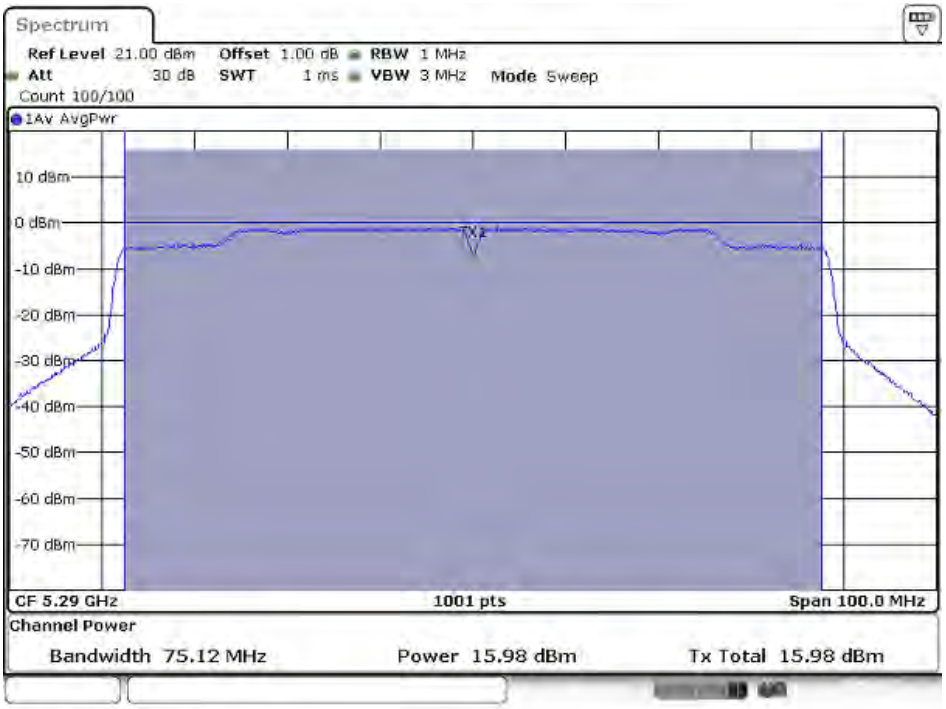
Maximum conducted output power:

Channel 42



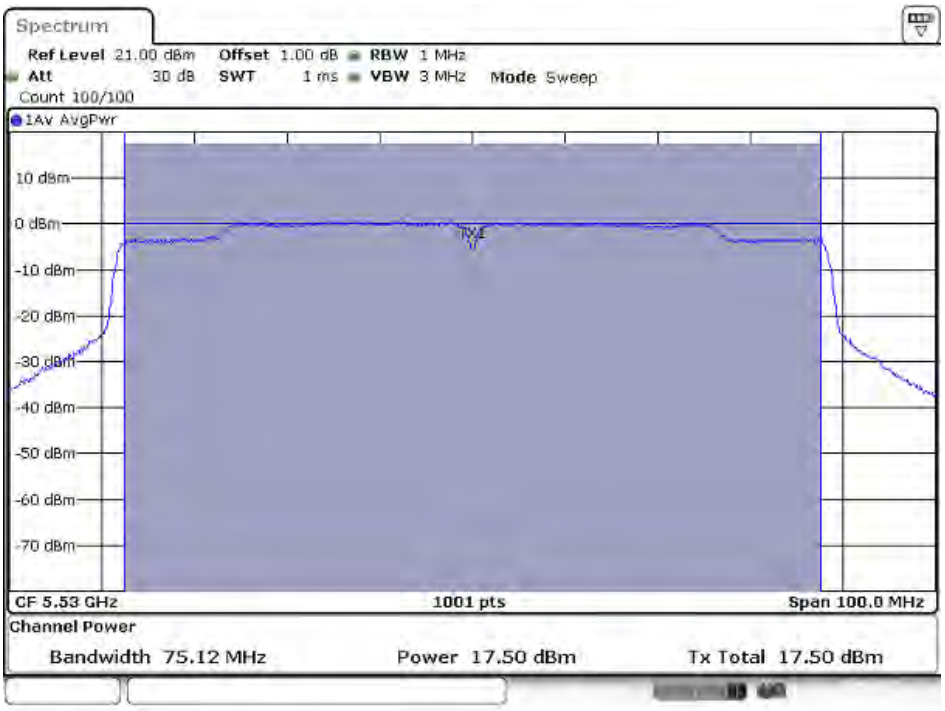
Maximum conducted output power:

Channel 58



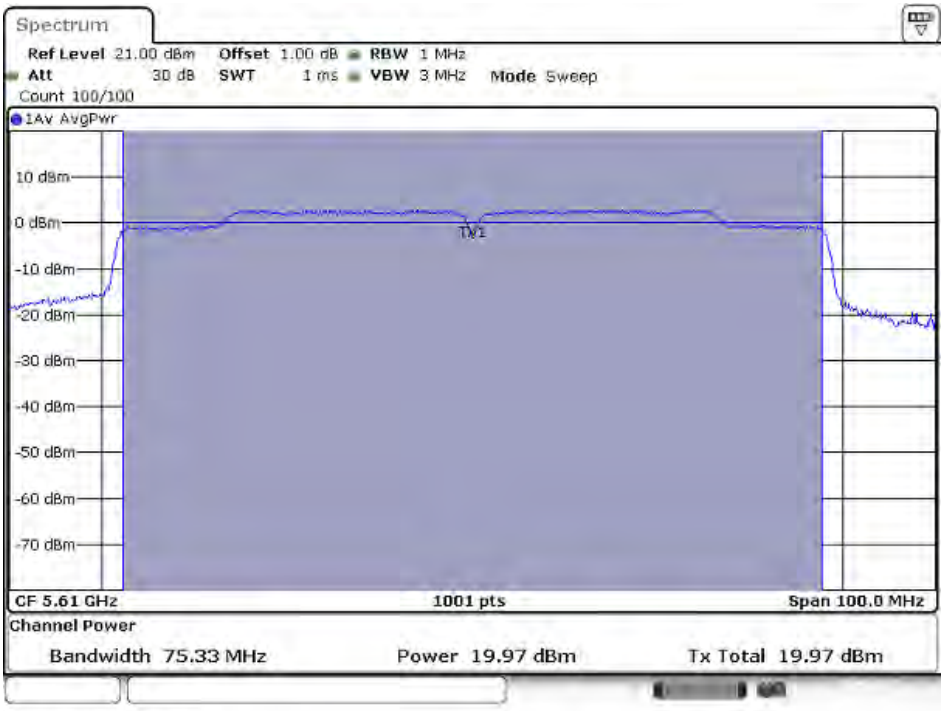
Maximum conducted output power:

Channel 106



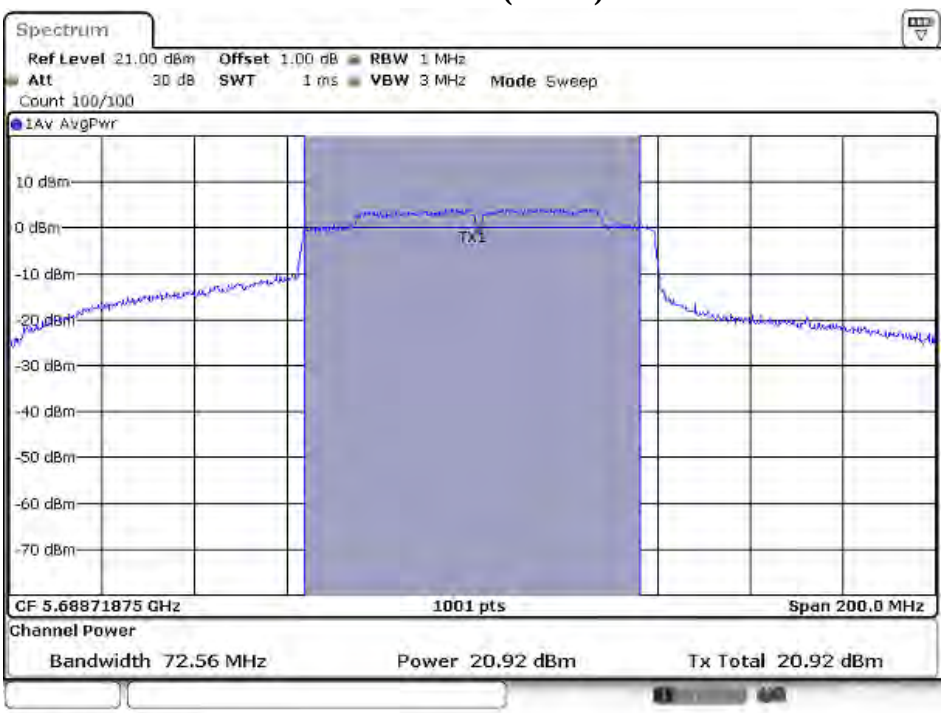
Maximum conducted output power:

Channel 122



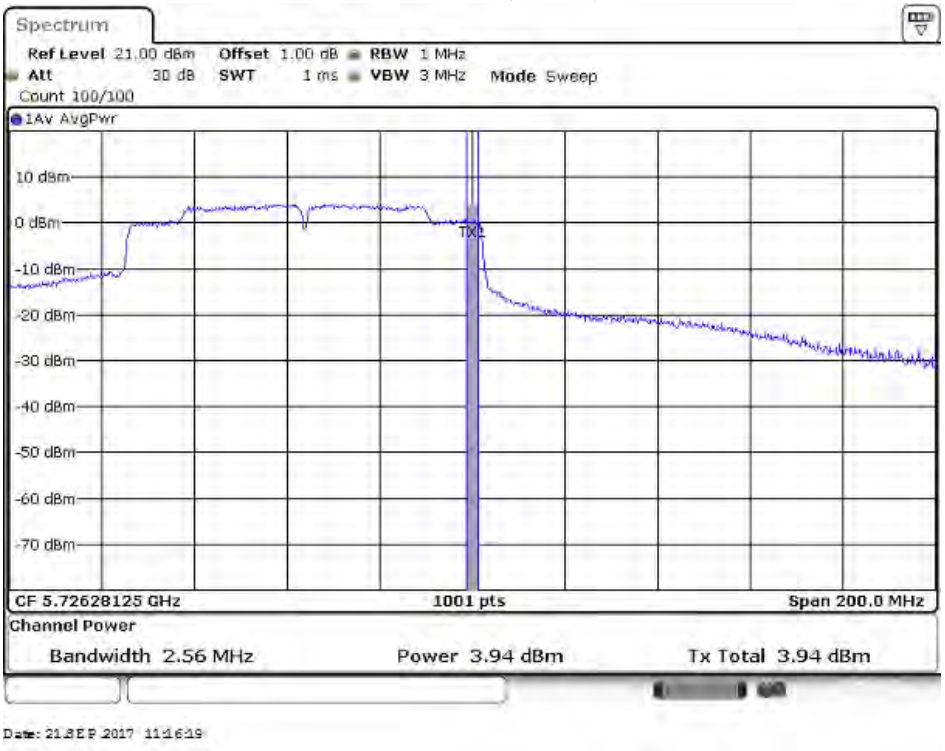
Maximum conducted output power:

Channel 138 (Band3)



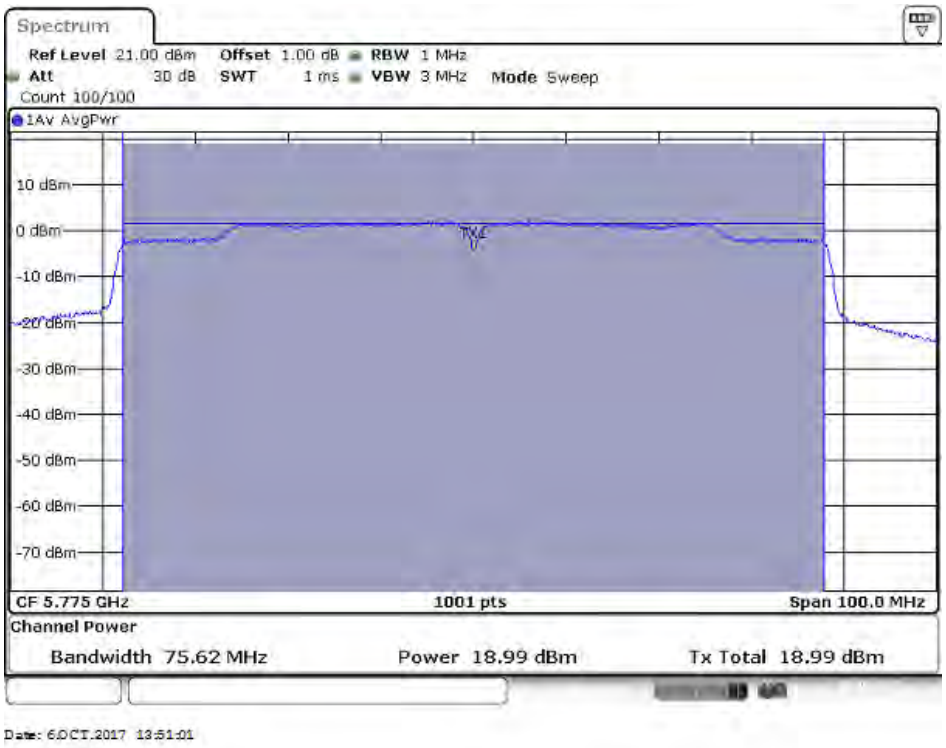
Maximum conducted output power:

Channel 138 (Band4)



Maximum conducted output power:

Channel 155



Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/09/20
Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps)

Cable loss=1.5dB		Average Power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
50ac160(Band1)	5250	10.07	11.85	11.79	11.75	11.69	11.64	11.59	11.52	11.48	11.42	<24dBm
50ac160(Band2)	5250	10.47	11.63	11.59	11.53	11.48	11.43	11.37	11.33	11.27	11.22	<24dBm
114ac160	5570	14.88	15.13	15.08	15.03	14.97	14.92	14.89	14.85	14.81	14.75	<24dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

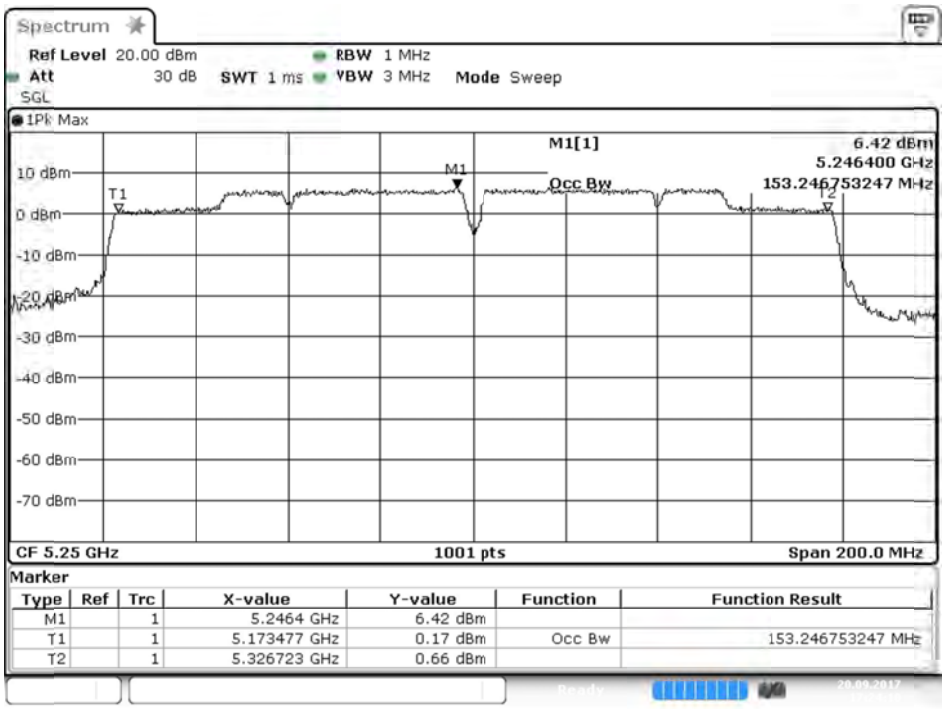
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
50ac160(Band1)	5710	--	11.85	24	--	Pass
50ac160(Band2)	5710	76.820	11.63	24	29.85	Pass
155	5775	153.250	15.13	24	32.85	Pass

Note: Power Output Value = Reading value on Spectrum Analyzer + cable loss

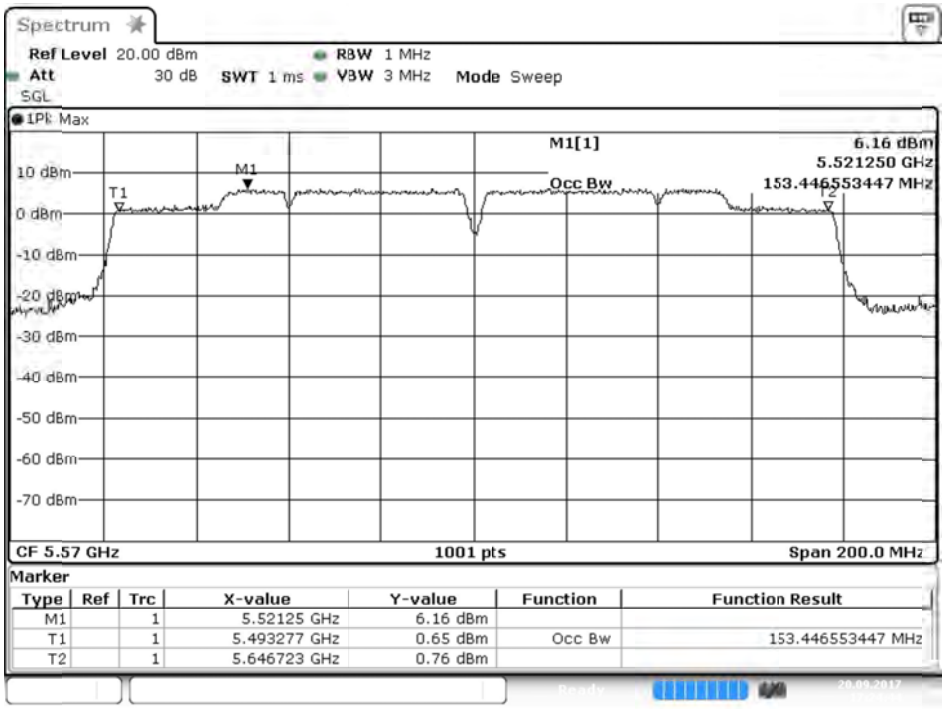
99% Occupied Bandwidth:

Channel 50



Date: 20.SEP.2017 17:24:11

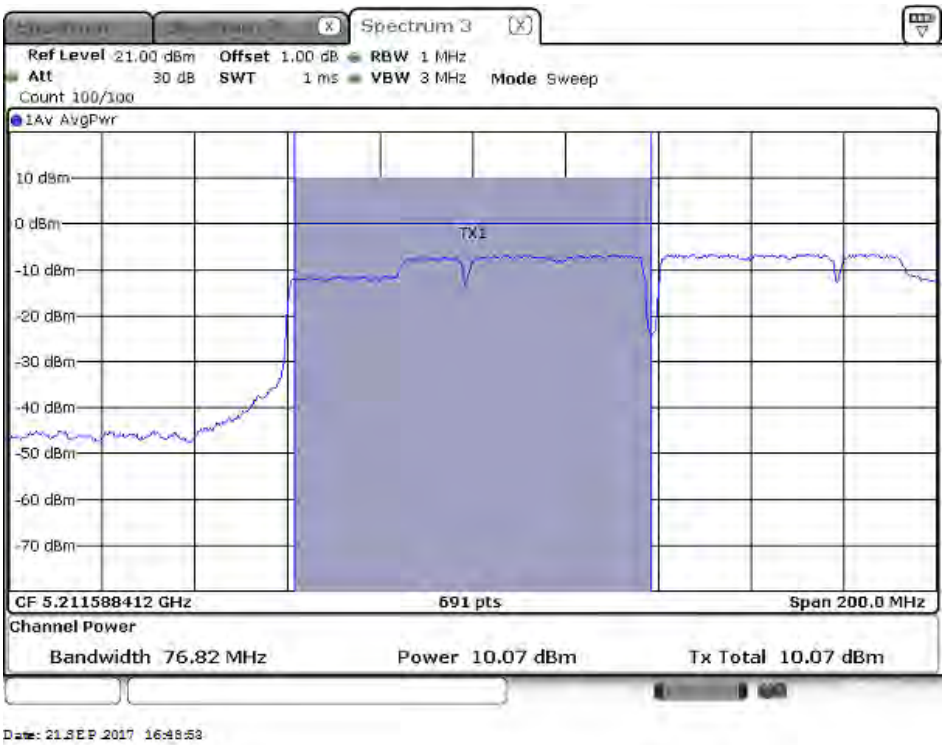
Channel 144



Date: 20.SEP.2017 17:24:44

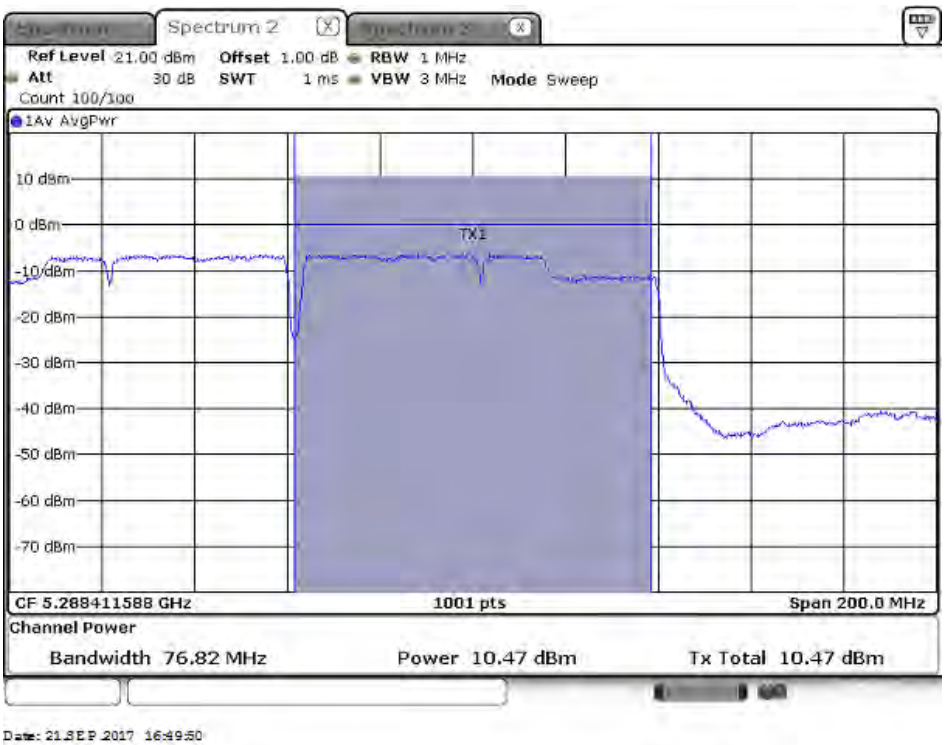
Maximum conducted output power:

Channel 50



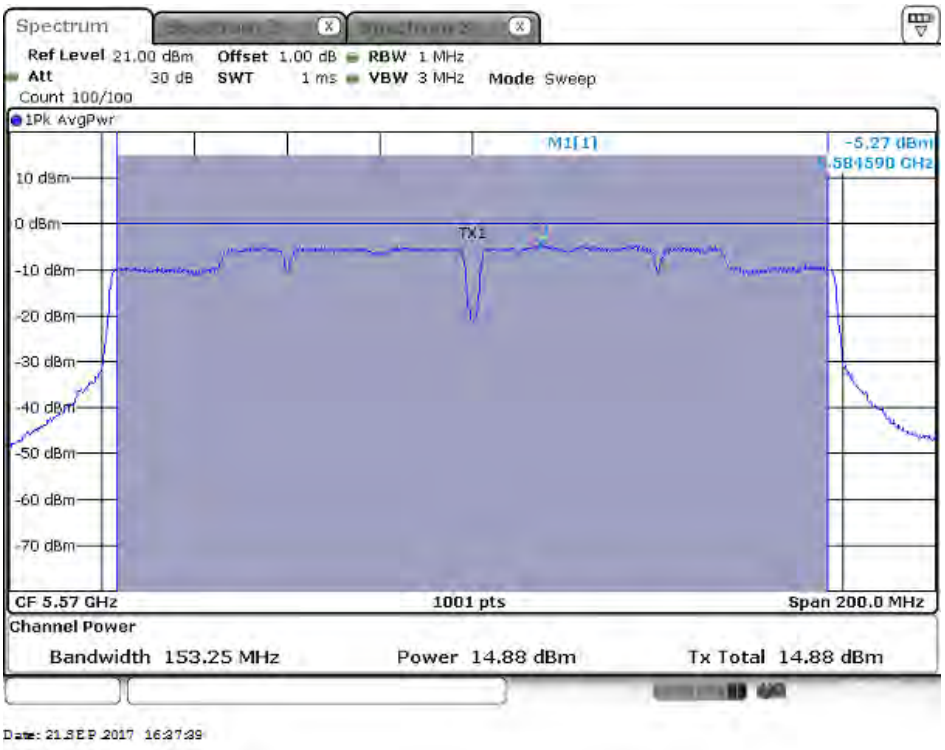
Maximum conducted output power:

Channel 50



Maximum conducted output power:

Channel 144



Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/10/24
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps)

Chain A

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4	
		Measurement Level (dBm)								
36	5180	17.48	--	--	--	--	--	--	--	<24dBm
40	5200	18.95	18.88	18.81	18.74	18.67	18.6	18.53	18.46	<24dBm
48	5240	21.46	--	--	--	--	--	--	--	<24dBm
52	5260	20.5	--	--	--	--	--	--	--	<24dBm
56	5280	19.49	19.42	19.35	19.28	19.21	19.14	19.07	19	<24dBm
64	5320	16.46	--	--	--	--	--	--	--	<24dBm
100	5500	16.95	--	--	--	--	--	--	--	<24dBm
116	5580	19.98	19.91	19.84	19.77	19.7	19.63	19.56	19.49	<24dBm
140	5700	16.96	--	--	--	--	--	--	--	<24dBm
149	5745	21.48	--	--	--	--	--	--	--	<30dBm
157	5785	21.93	21.86	21.79	21.72	21.65	21.58	21.51	21.44	<30dBm
165	5825	21.44	--	--	--	--	--	--	--	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Chain B

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4	
		Measurement Level (dBm)								
36	5180	17.44	--	--	--	--	--	--	--	<24dBm
40	5200	18.92	18.85	18.78	18.71	18.64	18.57	18.5	18.43	<24dBm
48	5240	21.41	--	--	--	--	--	--	--	<24dBm
52	5260	20.48	--	--	--	--	--	--	--	<24dBm
56	5280	19.47	19.4	19.33	19.26	19.19	19.12	19.05	18.98	<24dBm
64	5320	16.43	--	--	--	--	--	--	--	<24dBm
100	5500	16.93	--	--	--	--	--	--	--	<24dBm
116	5580	19.94	19.87	19.8	19.73	19.66	19.59	19.52	19.45	<24dBm
140	5700	16.94	--	--	--	--	--	--	--	<24dBm
149	5745	20.77	--	--	--	--	--	--	--	<30dBm
157	5785	21.91	21.84	21.77	21.7	21.63	21.56	21.49	21.42	<30dBm
165	5825	20.65	--	--	--	--	--	--	--	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

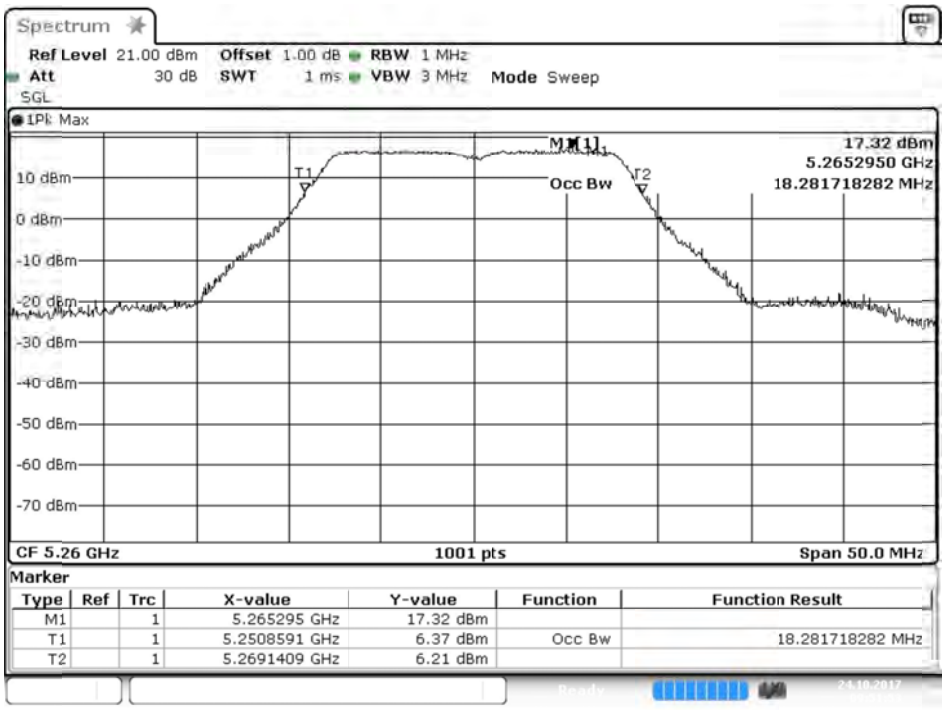
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Total Output Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
36	5180	--	17.48	17.44	20.47	24	--
40	5200	--	18.95	18.92	21.95	24	--
48	5240	--	21.46	21.41	24.45	24	--
52	5260	19.280	20.5	20.48	23.50	24	23.85
56	5280	19.280	19.49	19.47	22.49	24	23.85
64	5320	19.280	16.46	16.43	19.46	24	23.85
100	5500	19.280	16.95	16.93	19.95	24	23.85
116	5580	19.280	19.98	19.94	22.97	24	23.85
140	5700	19.280	16.96	16.94	19.96	24	23.85
149	5745	--	21.48	20.77	24.15	30	--
157	5785	--	21.93	21.91	24.93	30	--
165	5825	--	21.44	20.65	24.07	30	--

Note:

1. Power Output Value =Reading value on average power meter + cable loss
2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
3. 26 dBBandwidth is the bandwidth of chain A or chain Bwhichever is less bandwidth, output power limitation is more stringent.

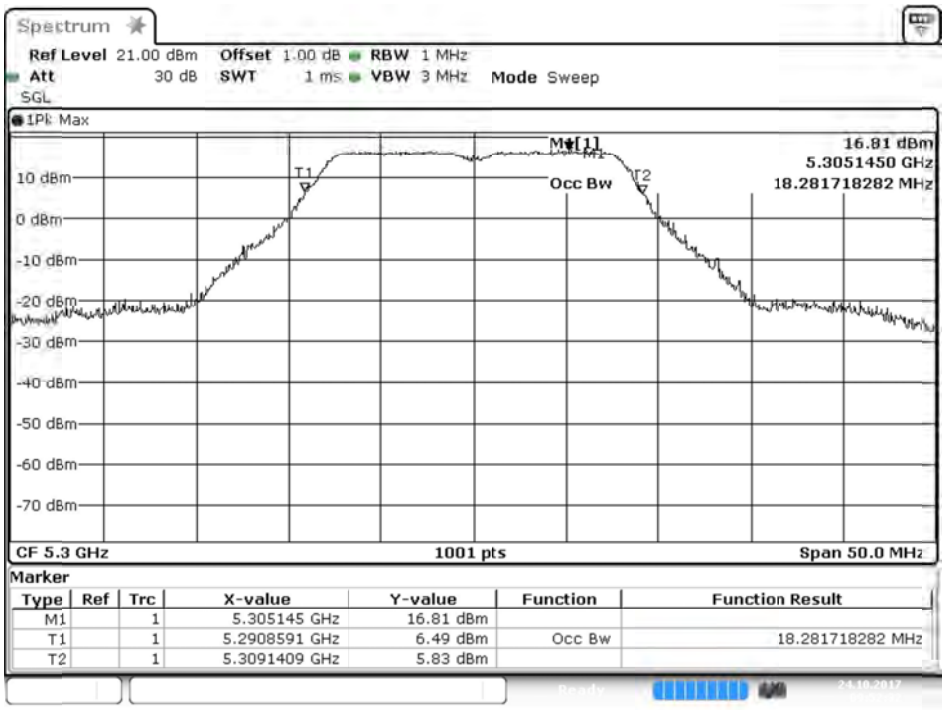
99% Occupied Bandwidth:

Channel 52 -Chain A



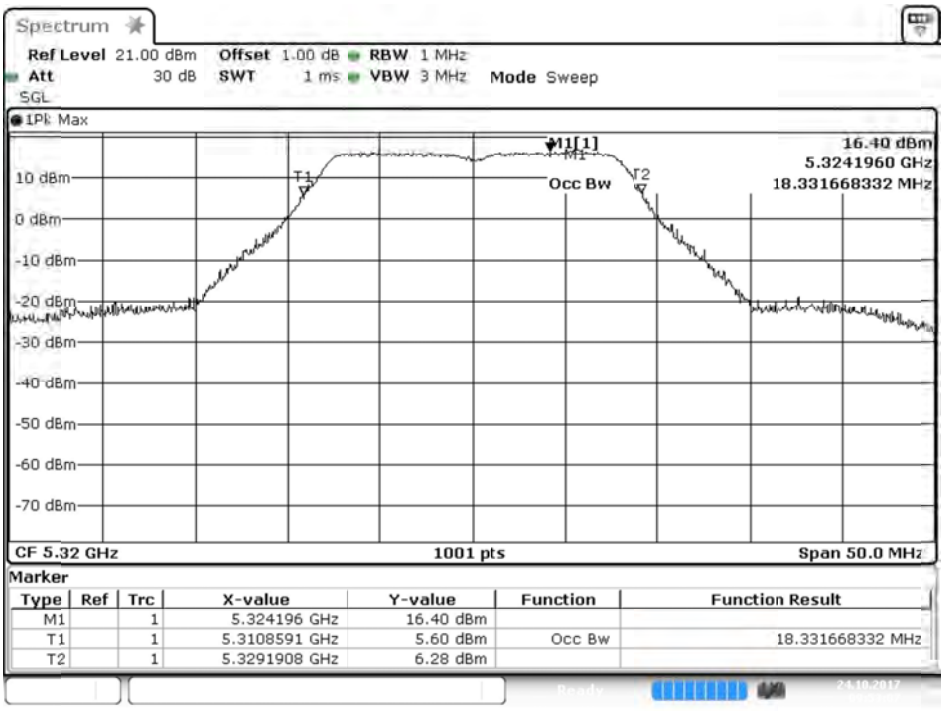
Date: 24.OCT.2017 09:51:53

Channel 56 -Chain A



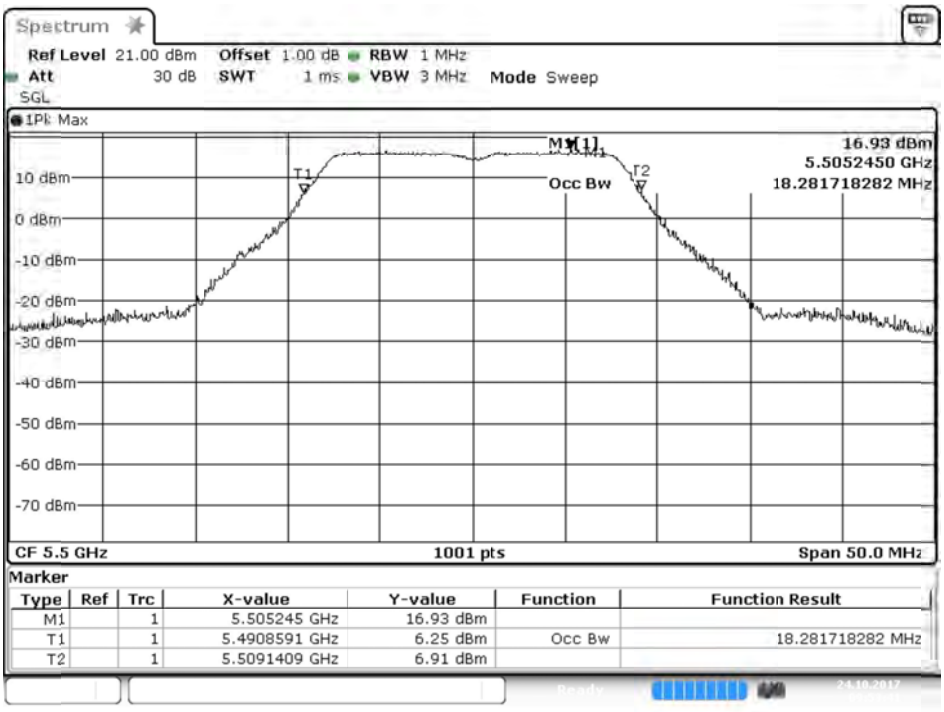
Date: 24.OCT.2017 09:52:33

Channel 64 -Chain A



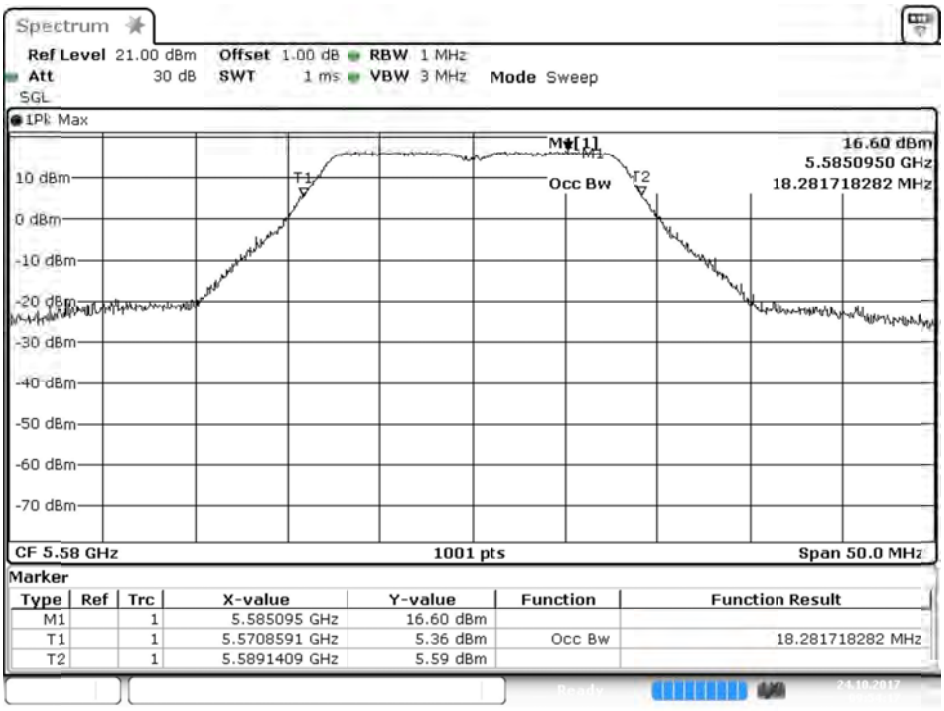
Date: 24.OCT.2017 09:53:07

Channel 100 -Chain A



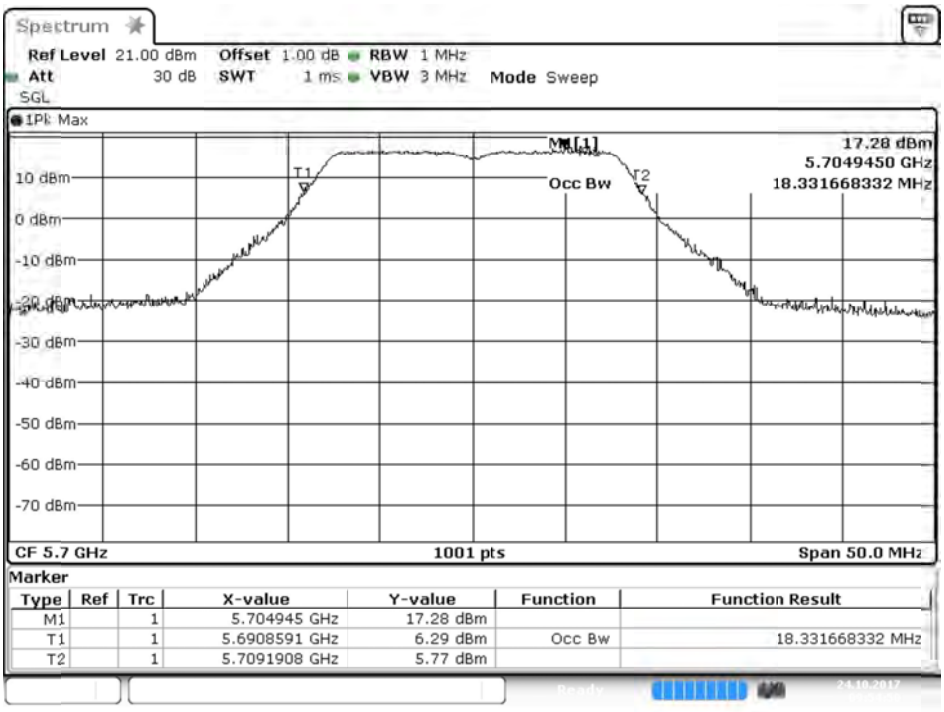
Date: 24.OCT.2017 09:53:41

Channel 116 -Chain A



Date: 24.OCT.2017 09:54:17

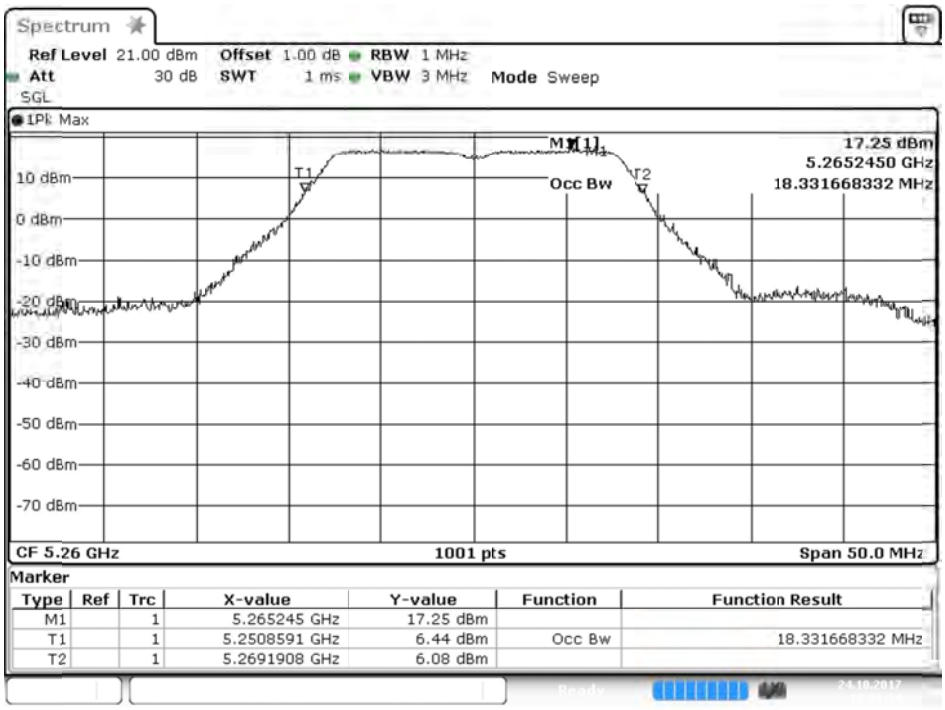
Channel 140 -Chain A



Date: 24.OCT.2017 09:54:51

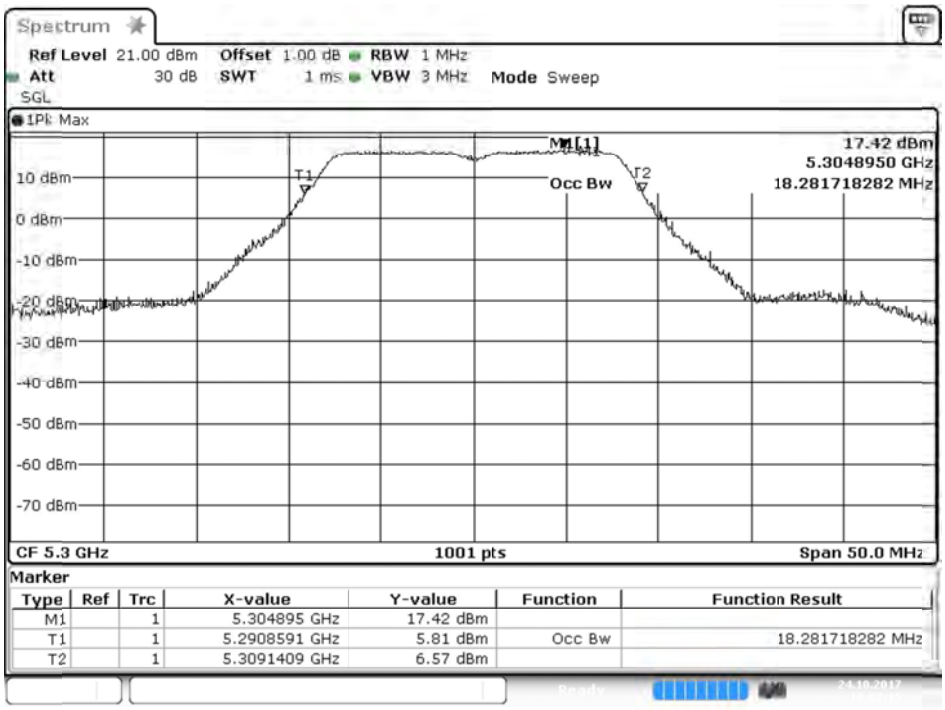
99% Occupied Bandwidth:

Channel 52 -Chain B



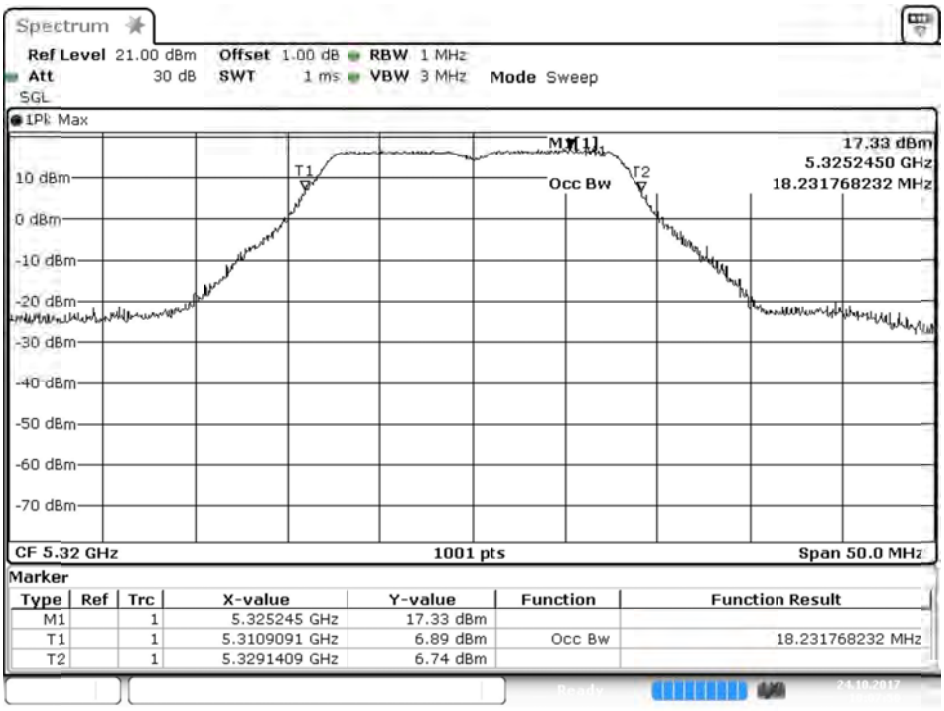
Date: 24.OCT.2017 10:06:35

Channel 56 -Chain B



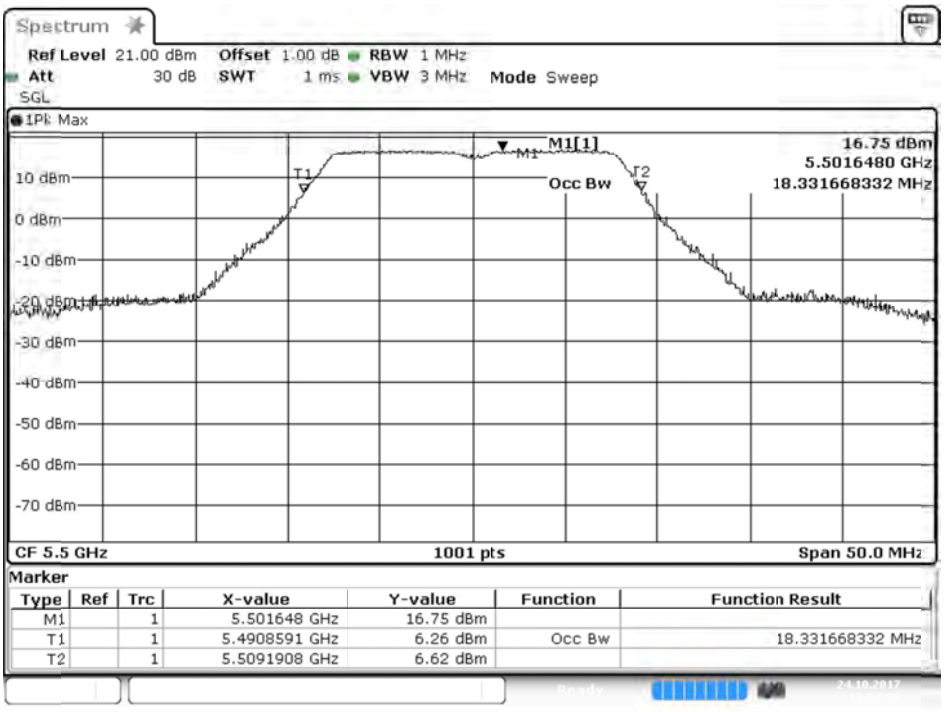
Date: 24.OCT.2017 10:07:15

Channel 64 -Chain B



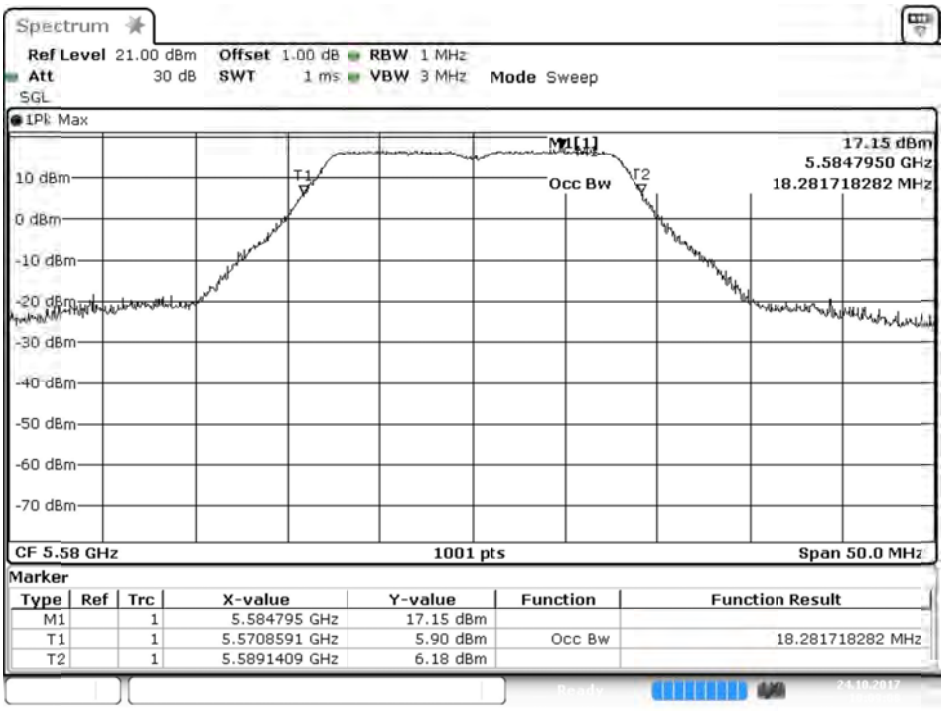
Date: 24.OCT.2017 10:07:51

Channel 100 -Chain B



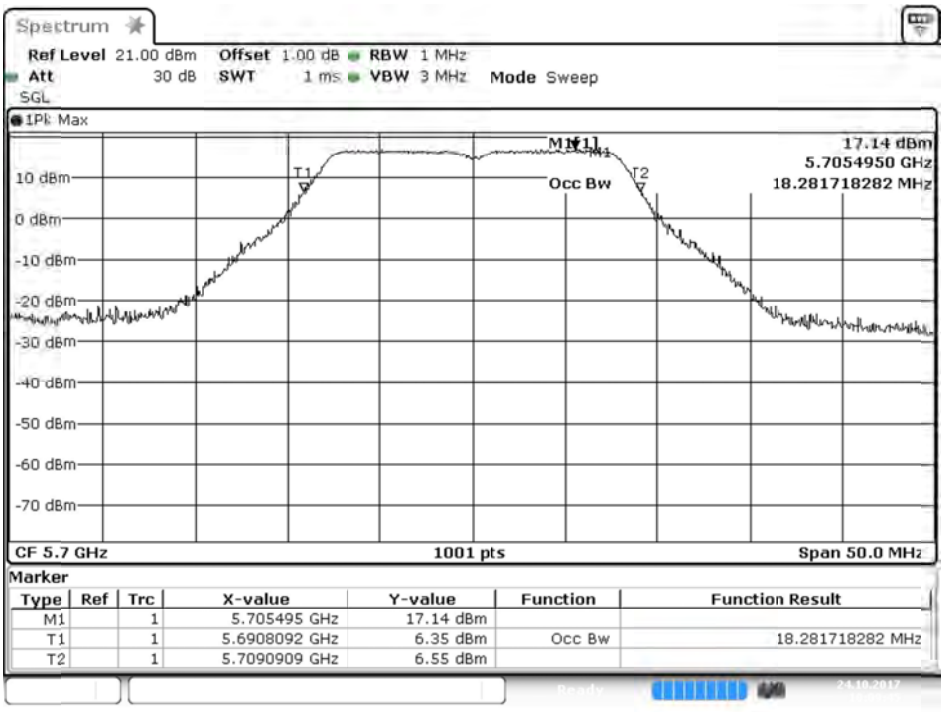
Date: 24.OCT.2017 10:08:26

Channel 116 -Chain B



Date: 24.OCT.2017 10:09:08

Channel 140 -Chain B



Date: 24.OCT.2017 10:09:45

Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/10/24
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps)

Chain A

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		30	60	90	120	180	240	270	300	
		Measurement Level (dBm)								
38	5190	14.46	--	--	--	--	--	--	--	<24dBm
46	5230	18.46	18.39	18.32	18.25	18.18	18.11	18.04	17.97	<24dBm
54	5270	17.42	--	--	--	--	--	--	--	<24dBm
62	5310	14.96	14.89	14.82	14.75	14.68	14.61	14.54	14.47	<24dBm
102	5510	16.48	--	--	--	--	--	--	--	<24dBm
110	5550	20.46	20.39	20.32	20.25	20.18	20.11	20.04	19.97	<24dBm
134	5670	16.49	--	--	--	--	--	--	--	<24dBm
151	5755	18.95	--	--	--	--	--	--	--	<30dBm
159	5795	19.83	19.76	19.69	19.62	19.55	19.48	19.41	19.34	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Chain B

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		30	60	90	120	180	240	270	300	
		Measurement Level (dBm)								
38	5190	14.43	--	--	--	--	--	--	--	<24dBm
46	5230	18.43	18.36	18.29	18.22	18.15	18.08	18.01	17.94	<24dBm
54	5270	17.48	--	--	--	--	--	--	--	<24dBm
62	5310	14.95	14.88	14.81	14.74	14.67	14.6	14.53	14.46	<24dBm
102	5510	16.45	--	--	--	--	--	--	--	<24dBm
110	5550	20.44	20.37	20.3	20.23	20.16	20.09	20.02	19.95	<24dBm
134	5670	16.46	--	--	--	--	--	--	--	<24dBm
151	5755	18.94	--	--	--	--	--	--	--	<30dBm
159	5795	19.89	19.82	19.75	19.68	19.61	19.54	19.47	19.4	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

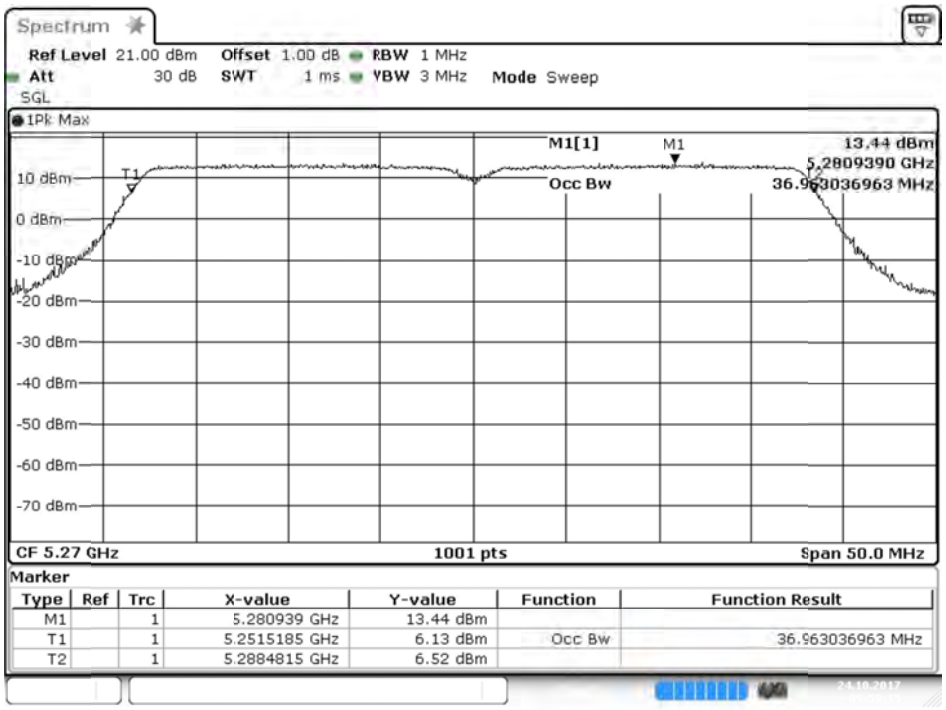
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Total Output Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
38	5190	--	14.46	14.43	17.46	24	--
46	5230	--	18.46	18.43	21.46	24	--
54	5270	36.963	17.42	17.48	20.46	24	26.68
62	5310	37.012	14.96	14.95	17.97	24	26.68
102	5510	37.062	16.48	16.45	19.48	24	26.69
110	5550	37.062	20.46	20.44	23.46	24	26.69
134	5670	37.062	16.49	16.46	19.49	24	26.69
151	5755	--	18.95	18.94	21.96	30	--
159	5795	--	19.83	19.89	22.87	30	--

Note:

1. Power Output Value =Reading value on average power meter + cable loss
2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
3. 26 dBBandwidth is the bandwidth of chain A or chain Bwhichever is less bandwidth, output power limitation is more stringent.

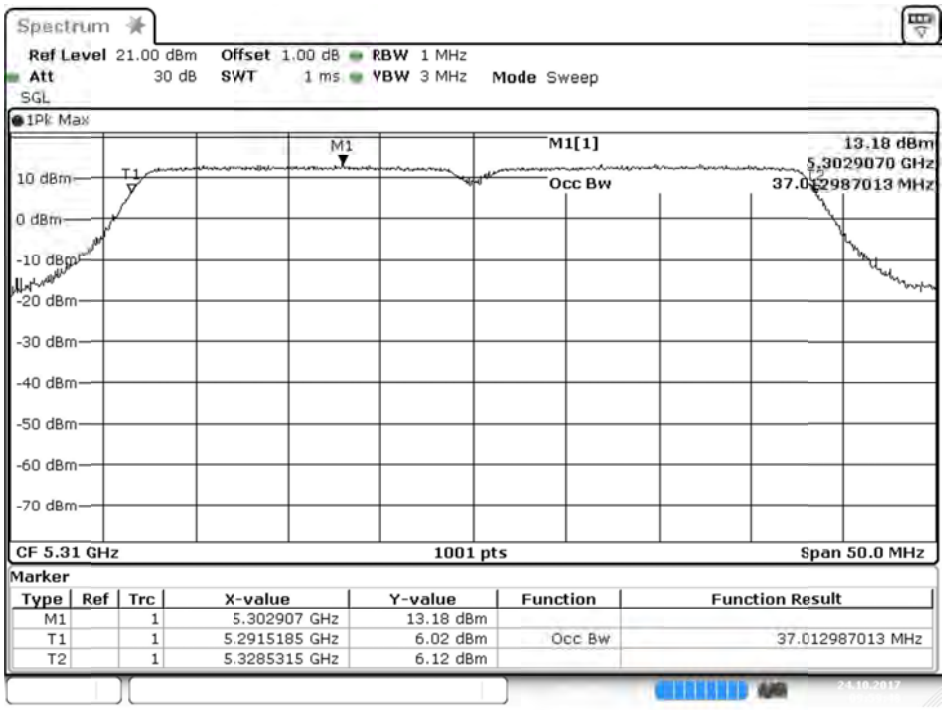
99% Occupied Bandwidth:

Channel 54 – Chain A



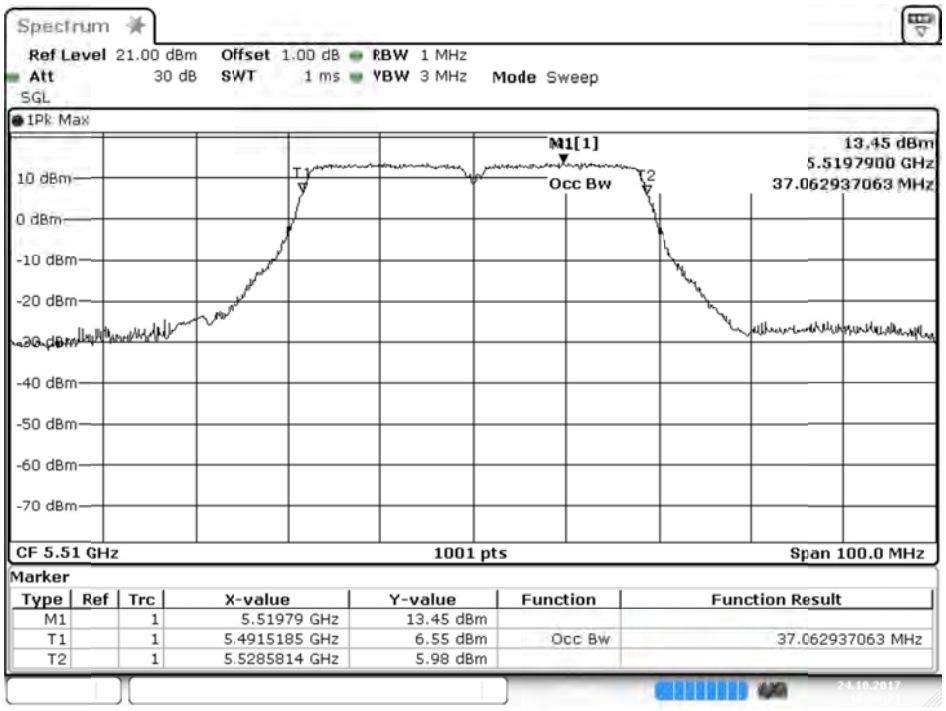
Date: 24.OCT.2017 09:59:16

Channel 62 – Chain A



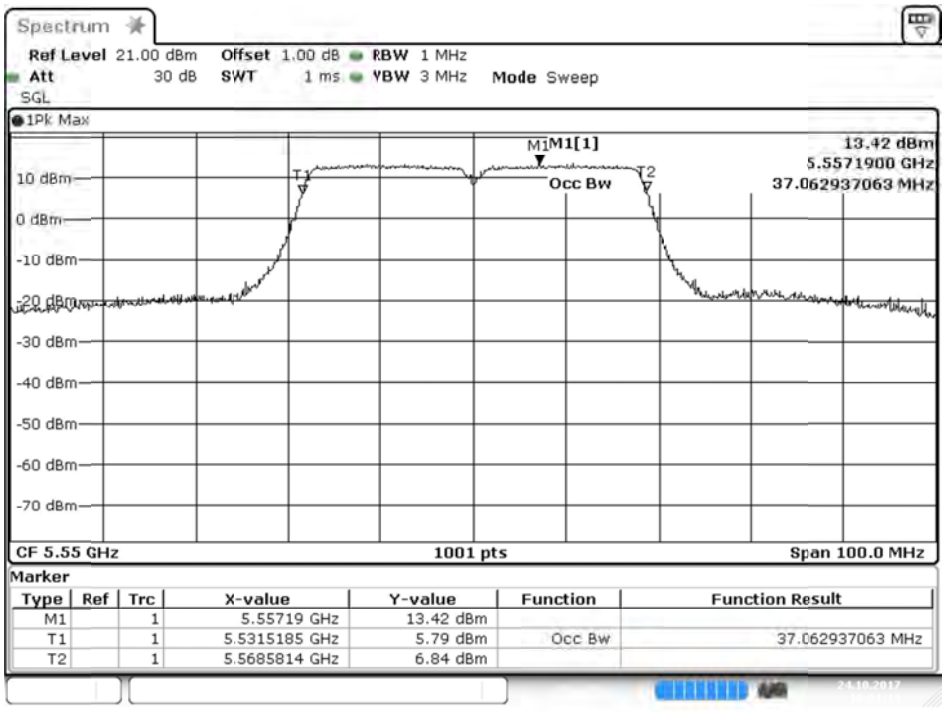
Date: 24.OCT.2017 09:59:49

Channel 102 – Chain A



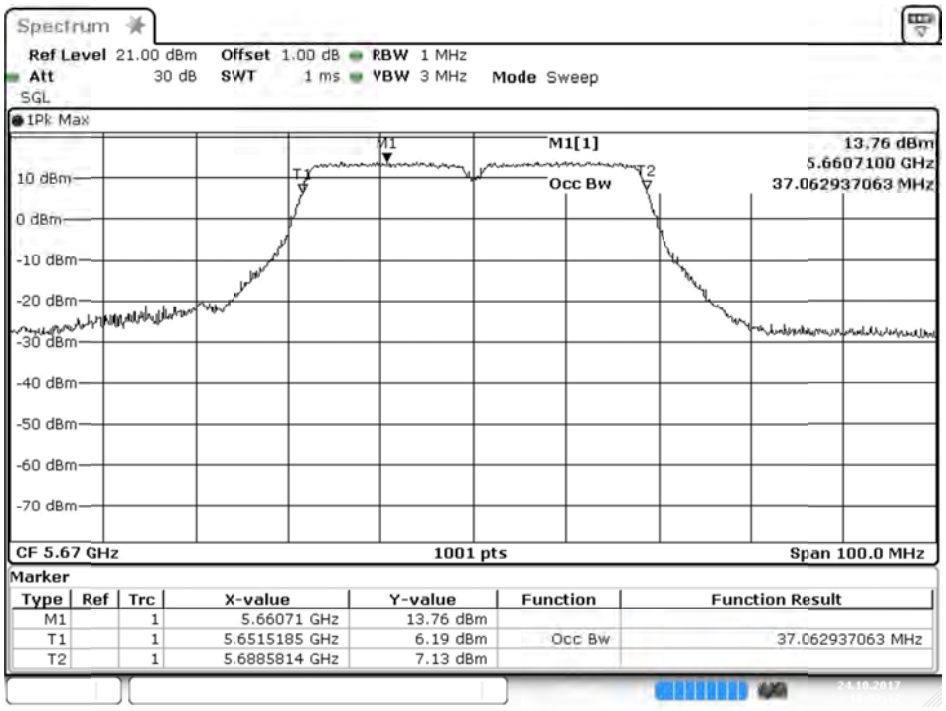
Date: 24.OCT.2017 10:00:22

Channel 110– Chain A



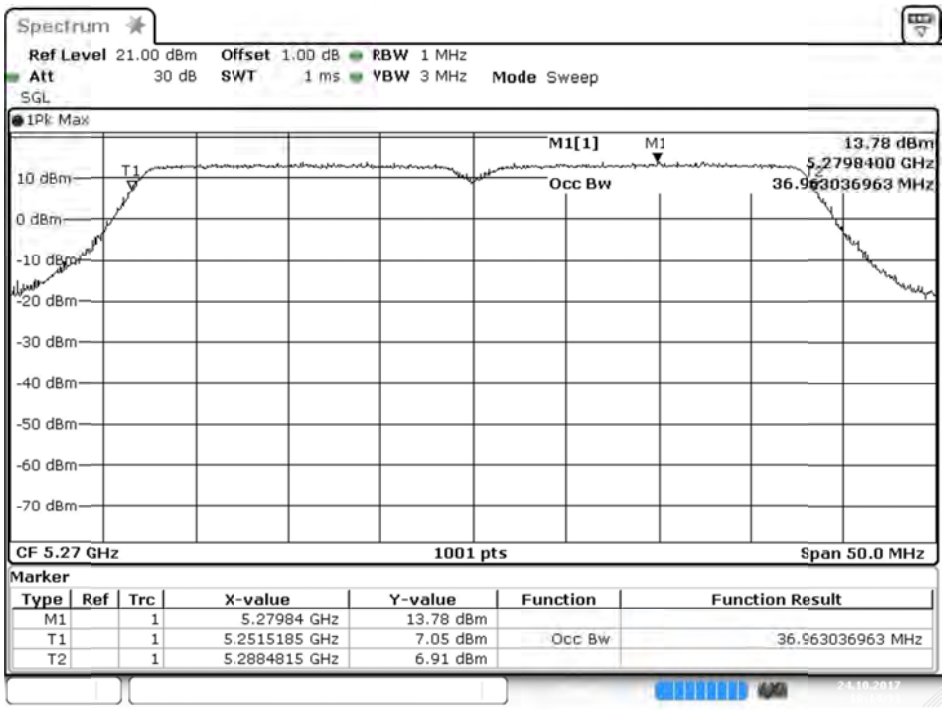
Date: 24.OCT.2017 10:01:13

Channel 134 – Chain A



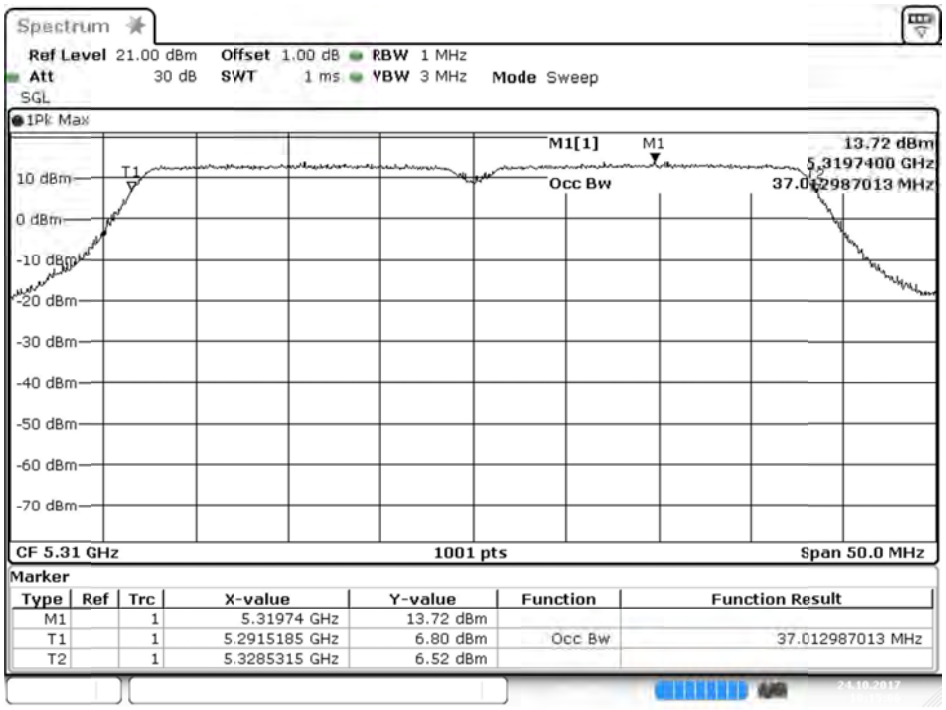
99% Occupied Bandwidth:

Channel 54 –Chain B



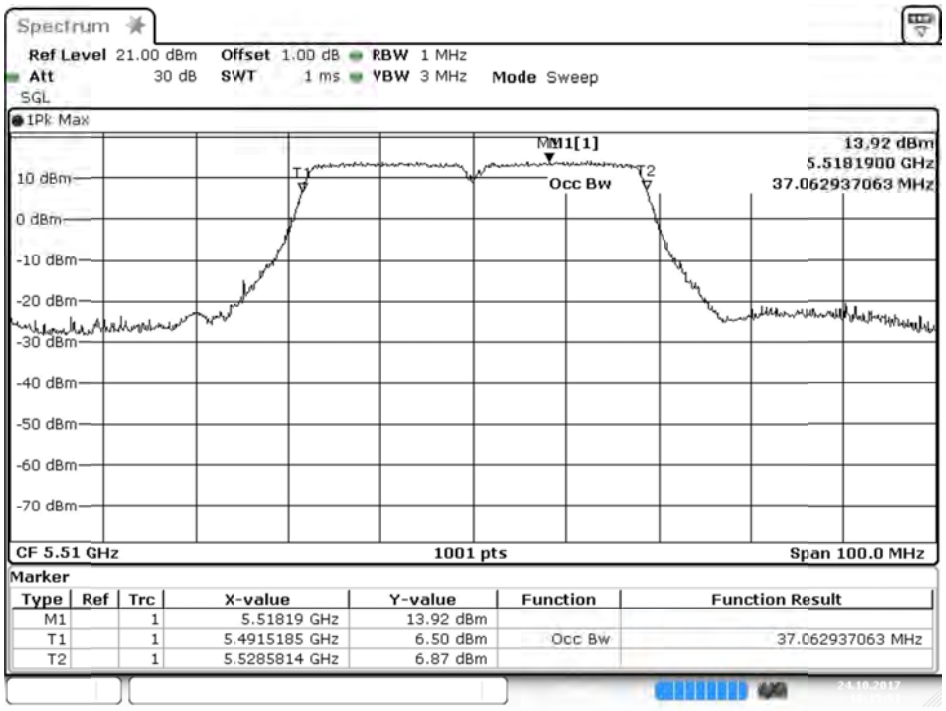
Date: 24.OCT.2017 10:14:33

Channel 62 –Chain B



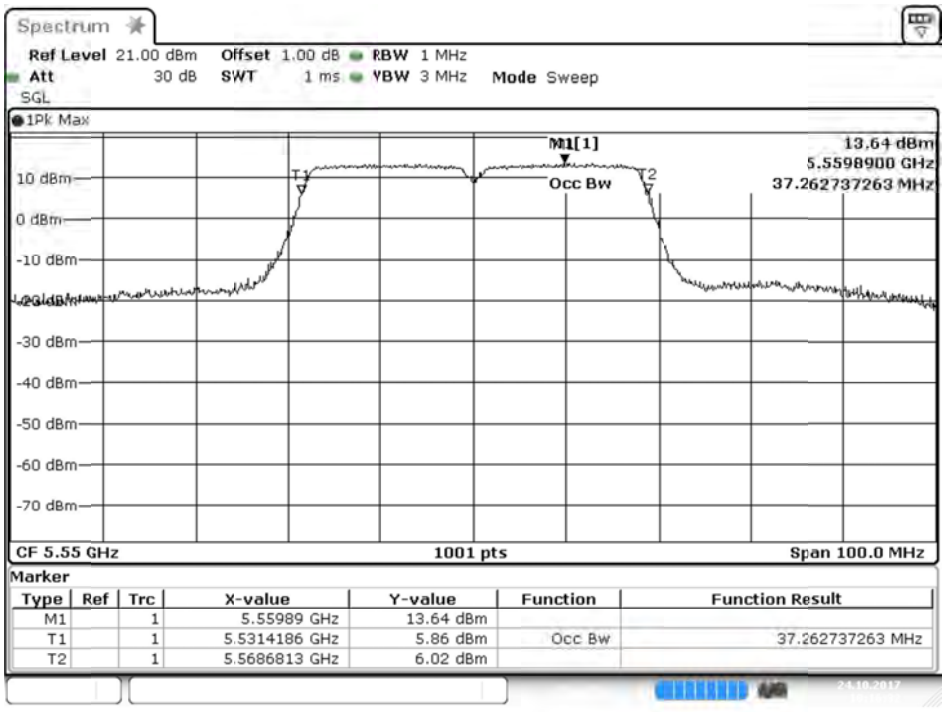
Date: 24.OCT.2017 10:15:07

Channel 102 –Chain B



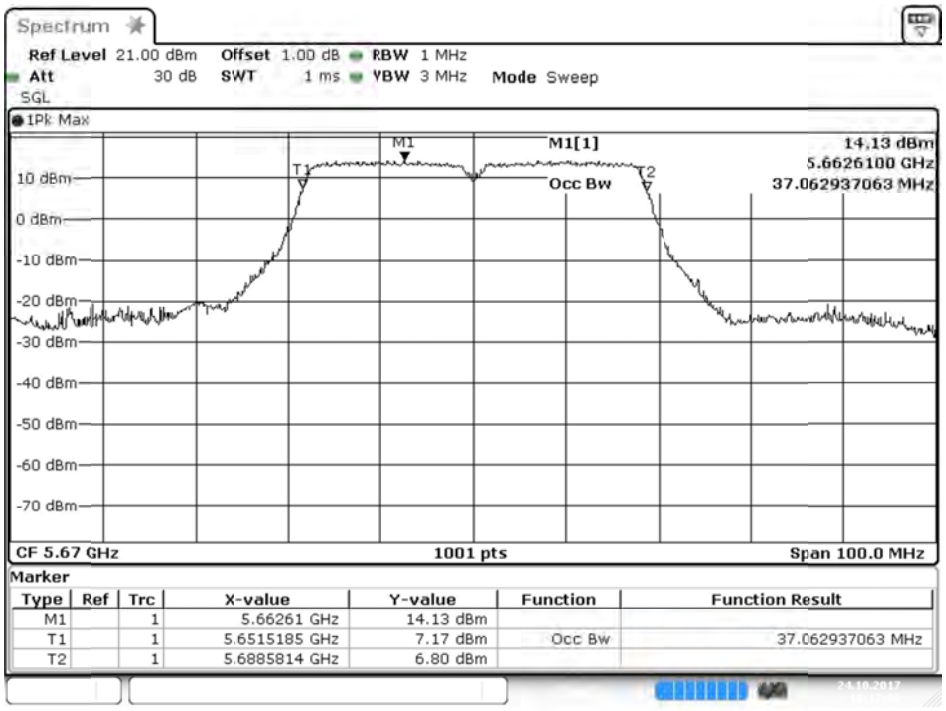
Date: 24.OCT.2017 10:15:51

Channel 110–Chain B



Date: 24.OCT.2017 10:16:32

Channel 134 –Chain B



Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/09/21
Test Mode : Mode 3 MIMO: Transmit (802.11ac-20BW-14.4Mbps)

Chain A

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15	
		Measurement Level (dBm)								
144 (Band3)	5720	20.21	20.14	20.07	20	19.93	19.86	19.79	19.72	<24dBm
144 (Band4)	5720	14.53	14.46	14.39	14.32	14.25	14.18	14.11	14.04	<30dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Chain B

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15	
		Measurement Level (dBm)								
144 (Band3)	5720	20.16	20.09	20.02	19.95	19.88	19.81	19.74	19.67	<24dBm
144 (Band4)	5720	15	14.93	14.86	14.79	14.72	14.65	14.58	14.51	<30dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

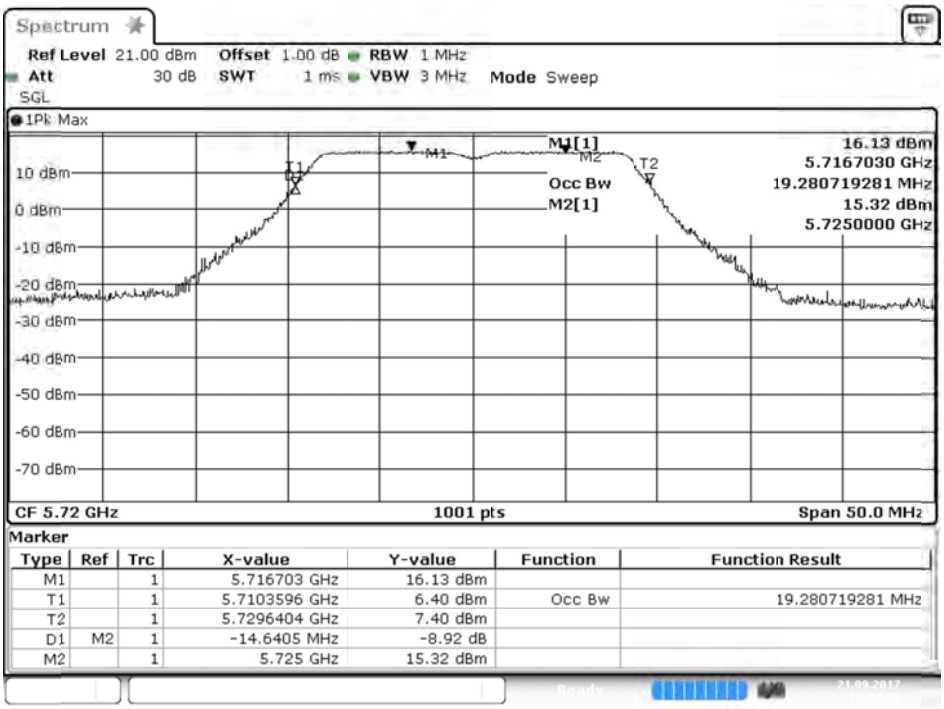
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Total Output Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
144(Band3)	5720	14.640	20.210	20.160	23.20	24	22.66
144(Band4)	5720	--	14.530	15.000	17.78	30	--

Note:

1. Power Output Value =Reading value on Spectrum Analyzer + cable loss
2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
3. 26 dBBandwidth is the bandwidth of chain A or chain Bwhichever is less bandwidth, output power limitation is more stringent.

99% Occupied Bandwidth:

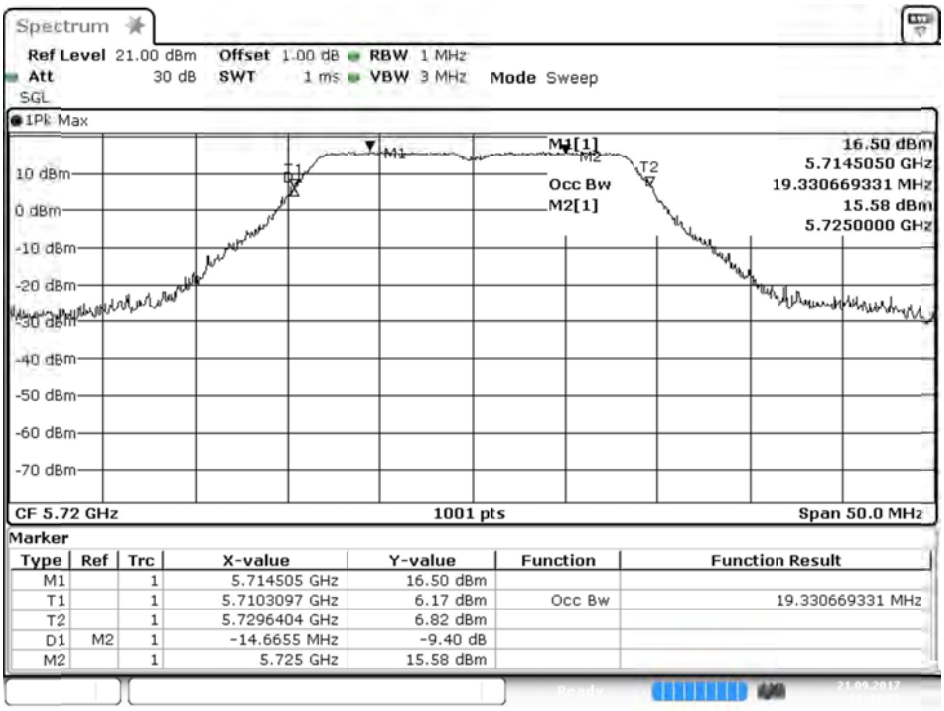
Channel 144 – Chain A



Date: 21.SEP.2017 10:24:23

99% Occupied Bandwidth:

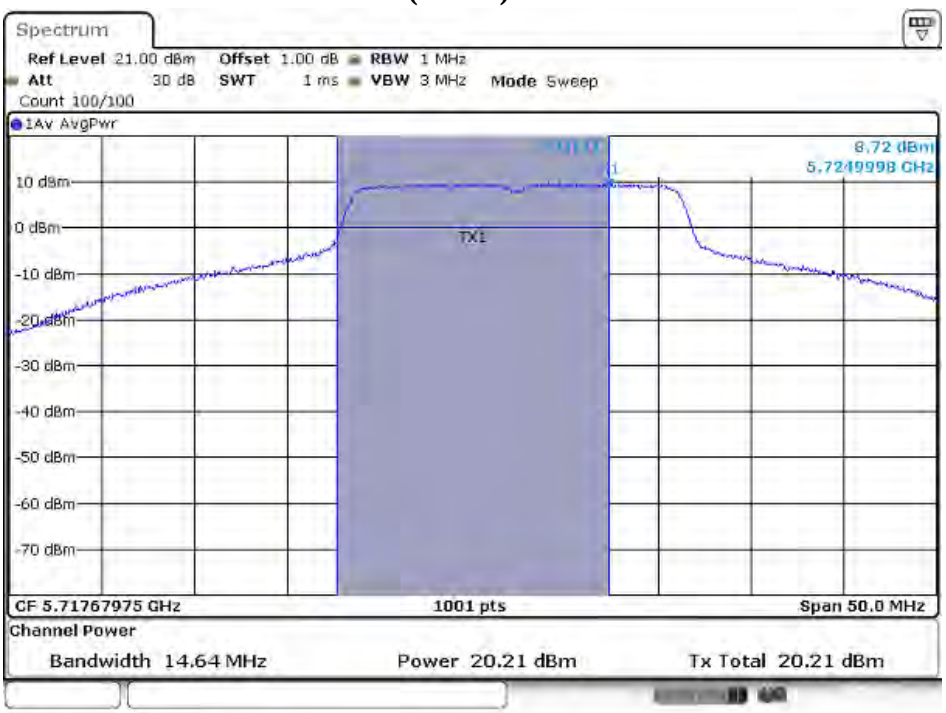
Channel 144 – Chain B



Date: 21.SEP.2017 10:44:35

Maximum conducted output power:

Channel 144 (Band3) – Chain A



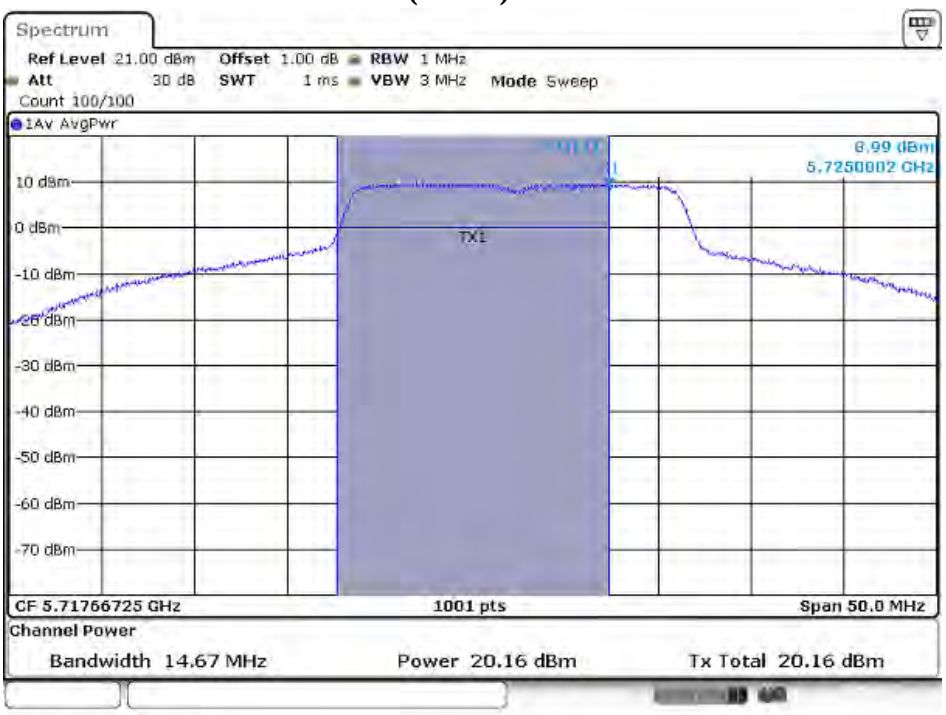
Date: 21.SEP.2017 14:06:14

Channel 144 (Band4) – Chain A

Date: 21.SEP.2017 14:16:00

Maximum conducted output power:

Channel 144 (Band3) – Chain B



Date: 21.SEP.2017 14:47:00

Channel 144 (Band4) – Chain B

Date: 21.SEP.2017 14:48:15

Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/09/21
Test Mode : Mode 3 MIMO: Transmit (802.11ac-40BW-30Mbps)

Chain A

Cable loss=1.5dB		Average Power								
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15	
142F(Band3)	5710	19.57	19.5	19.43	19.36	19.29	19.22	19.15	19.08	<24dBm
142F(Band4)	5710	9.54	9.47	9.4	9.33	9.26	9.19	9.12	9.05	<30dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Chain B

Cable loss=1.5dB		Average Power								
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15	
142F(Band3)	5710	19.4	19.33	19.26	19.19	19.12	19.05	18.98	18.91	<24dBm
142F(Band4)	5710	9.41	9.34	9.27	9.2	9.13	9.06	8.99	8.92	<30dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

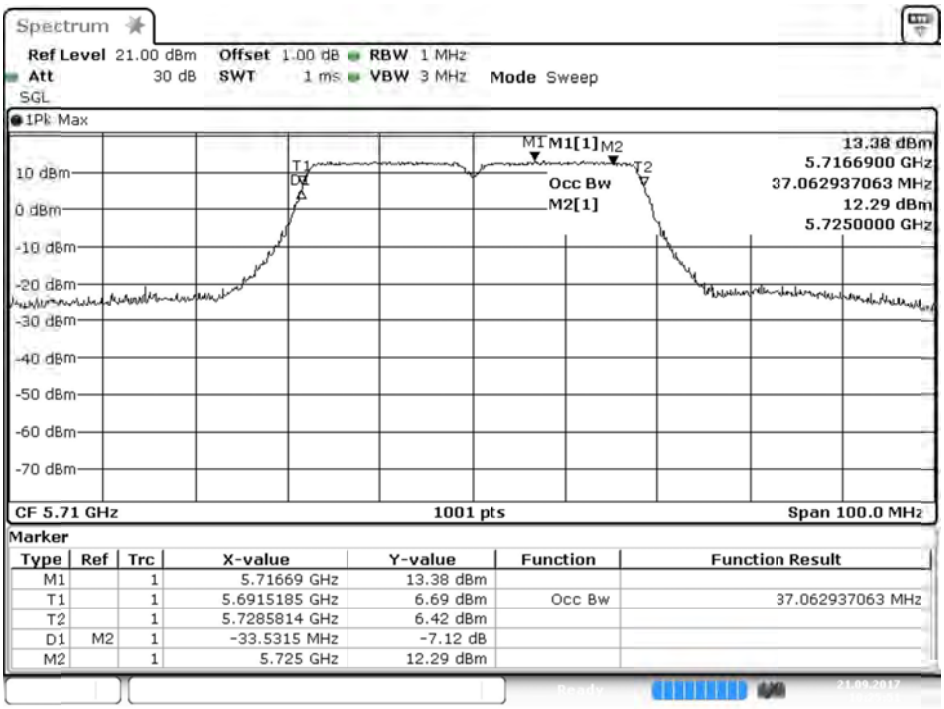
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Total Output Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
142F(Band3)	5710	33.480	19.570	19.400	22.50	24	26.25
142F(Band4)	5710	--	9.540	9.410	12.49	30	--

Note:

1. Power Output Value =Reading value on Spectrum Analyzer + cable loss
2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
3. 26 dBBandwidth is the bandwidth of chain A or chain Bwhichever is less bandwidth, output power limitation is more stringent.

99% Occupied Bandwidth:

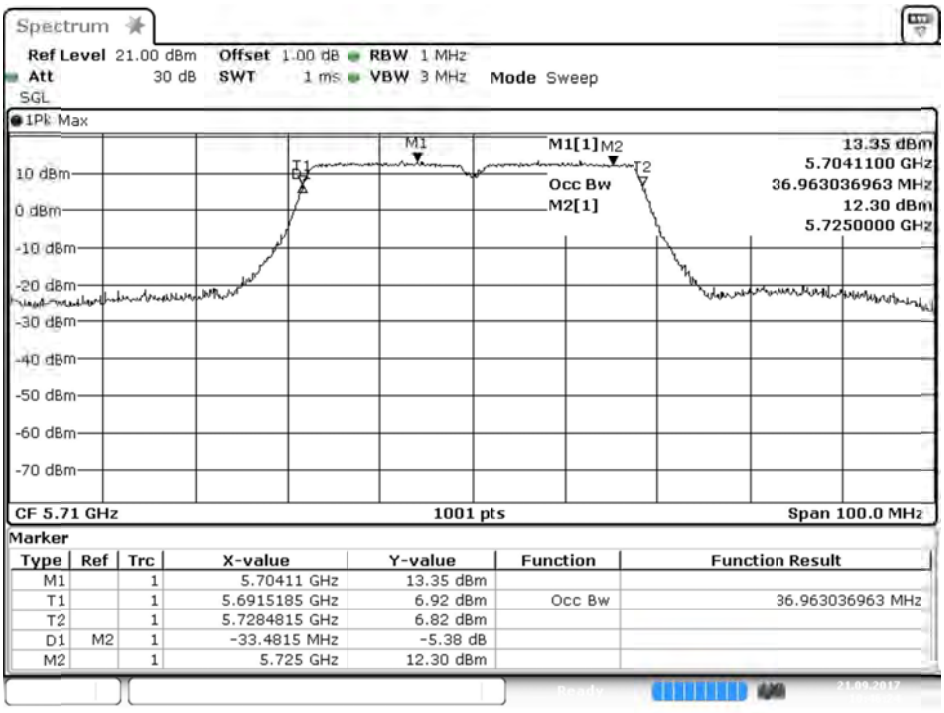
Channel 142 – Chain A



Date: 21.SEP.2017 10:25:51

99% Occupied Bandwidth:

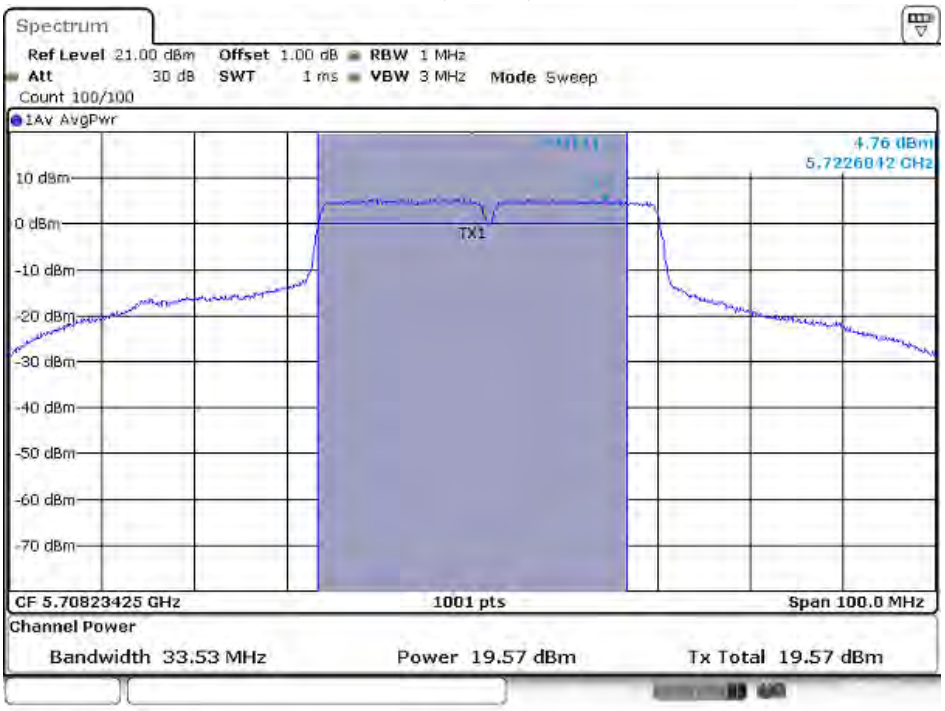
Channel 142 – Chain B



Date: 21.SEP.2017 10:46:25

Maximum conducted output power:

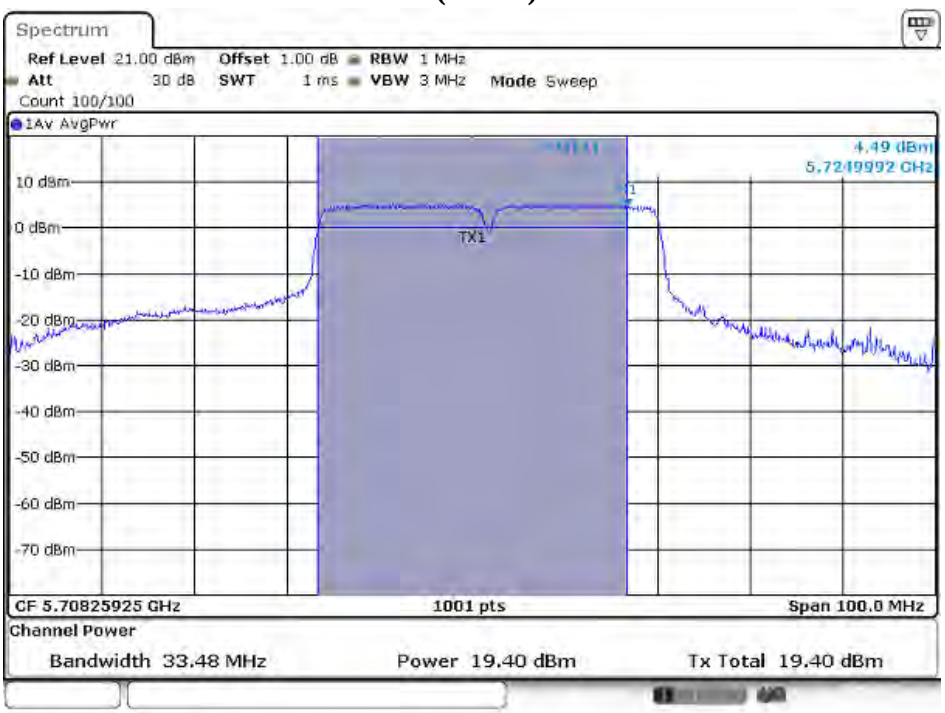
Channel 142 (Band3) – Chain A



Channel 142 (Band4) – Chain A

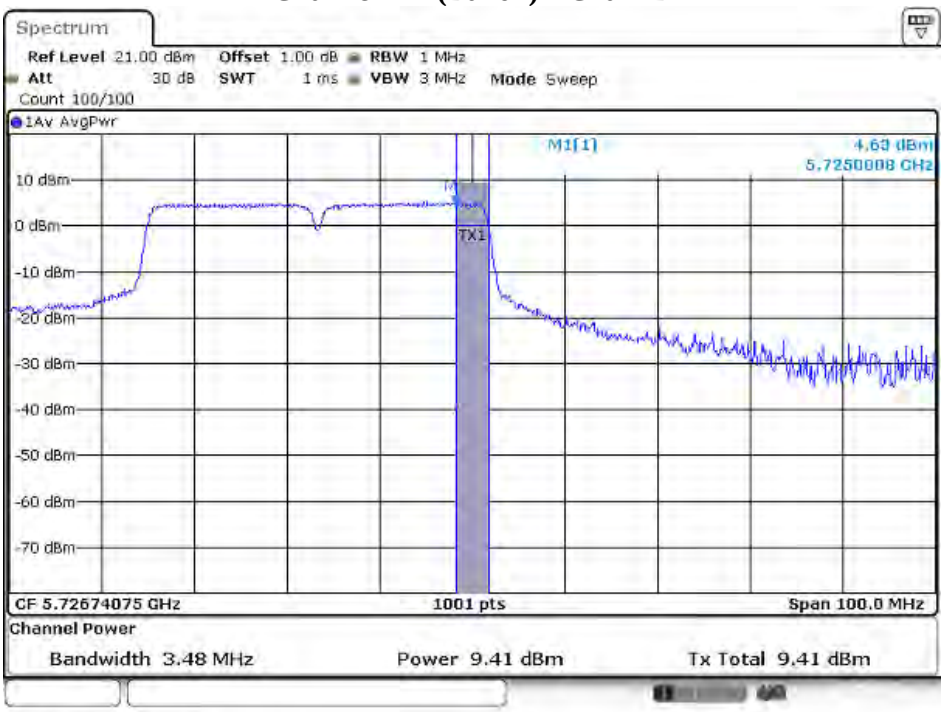
Maximum conducted output power:

Channel 142 (Band3) – Chain B



Date: 21.SEP.2017 14:57:38

Channel 142 (Band4) – Chain B



Date: 21.SEP.2017 14:58:59

Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/09/21
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps)

Chain A

Cable loss=1.5dB		Average Power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
42	5210	14.48	14.41	14.34	14.27	14.20	14.13	14.06	13.99	13.92	13.85	<24dBm
58	5290	13.94	13.87	13.80	13.73	13.66	13.59	13.52	13.45	13.38	13.31	<24dBm
106	5530	15.41	15.34	15.27	15.20	15.13	15.06	14.99	14.92	14.85	14.78	<24dBm
122	5610	20.00	19.93	19.86	19.79	19.72	19.65	19.58	19.51	19.44	19.37	<24dBm
138(Band3)	5690	20.63	20.56	20.49	20.42	20.35	20.28	20.21	20.14	20.07	20.00	<24dBm
138(Band4)	5690	2.98	2.91	2.84	2.77	2.70	2.63	2.56	2.49	2.42	2.35	<30dBm
155	5775	17.97	17.90	17.83	17.76	17.69	17.62	17.55	17.48	17.41	17.34	<30dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Chain B

Cable loss=1.5dB		Average Power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
42	5210	14.39	14.32	14.25	14.18	14.11	14.04	13.97	13.90	13.83	13.76	<24dBm
58	5290	13.92	13.85	13.78	13.71	13.64	13.57	13.50	13.43	13.36	13.29	<24dBm
106	5530	14.49	14.42	14.35	14.28	14.21	14.14	14.07	14.00	13.93	13.86	<24dBm
122	5610	19.99	19.92	19.85	19.78	19.71	19.64	19.57	19.50	19.43	19.36	<24dBm
138(Band3)	5690	20.93	20.86	20.79	20.72	20.65	20.58	20.51	20.44	20.37	20.30	<24dBm
138(Band4)	5690	3.75	3.68	3.61	3.54	3.47	3.40	3.33	3.26	3.19	3.12	<30dBm
155	5775	18.13	18.06	17.99	17.92	17.85	17.78	17.71	17.64	17.57	17.50	<30dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

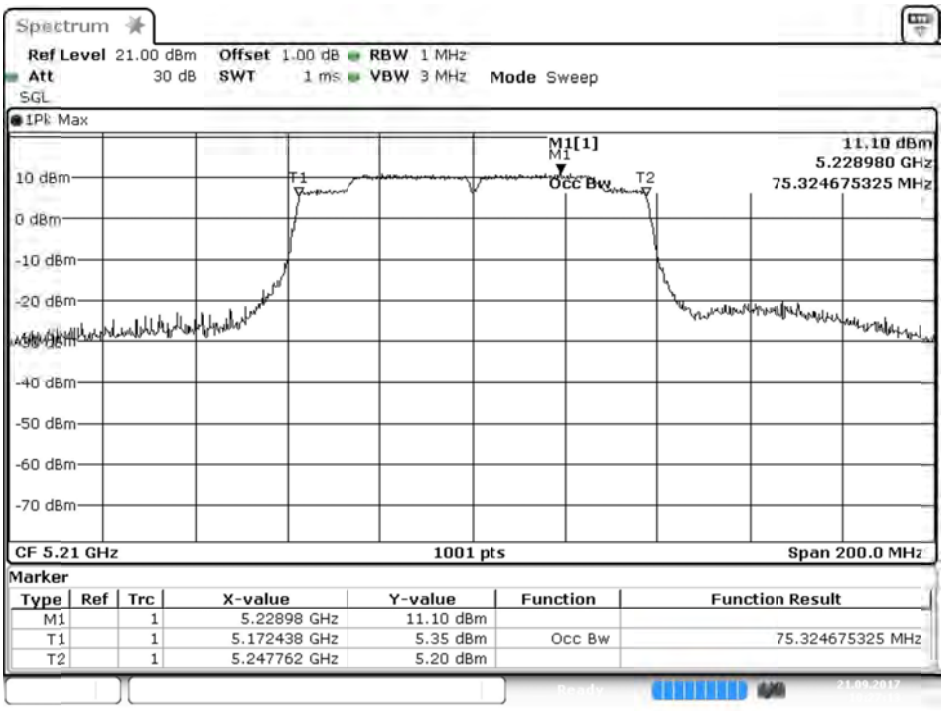
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Total Output Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
42	5210	--	14.480	14.390	17.45	24	--
58	5290	74.920	13.940	13.920	16.94	24	29.75
106	5530	75.120	15.410	14.490	17.98	24	29.76
122	5610	75.330	20.000	19.990	23.01	24	29.77
138(Band3)	5690	72.560	20.630	20.930	23.79	24	29.61
138(Band4)	5690	--	2.980	3.750	6.39	30	--
155	5775	--	17.970	18.130	21.06	30	--

Note:

1. Power Output Value =Reading value on Spectrum Analyzer + cable loss
2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
3. 26 dBBandwidth is the bandwidth of chain A or chain Bwhichever is less bandwidth, output power limitation is more stringent.

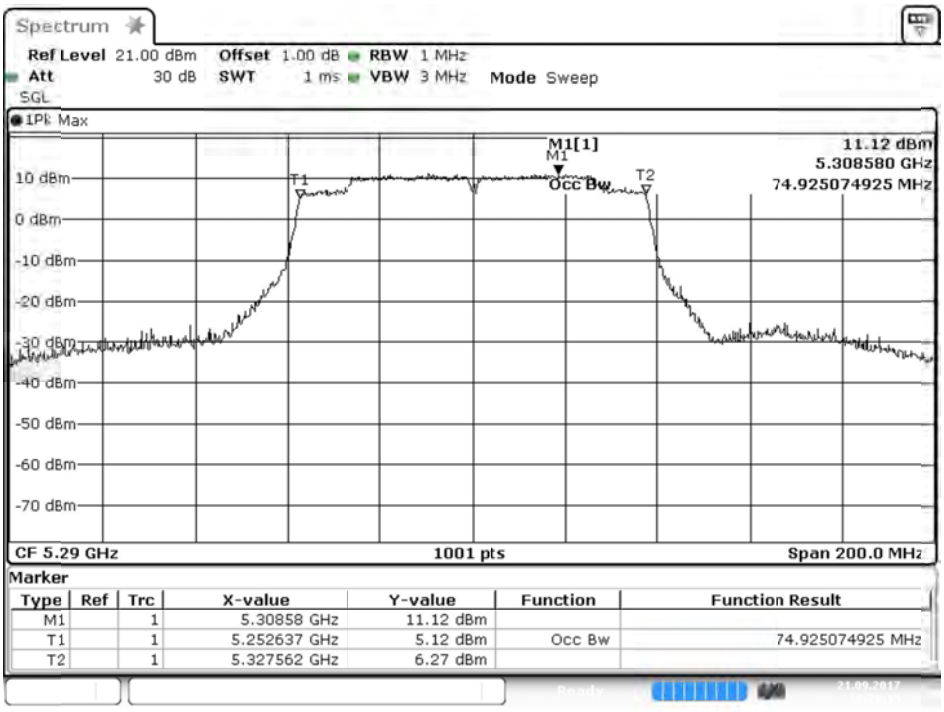
99% Occupied Bandwidth:

Channel 42 – Chain A



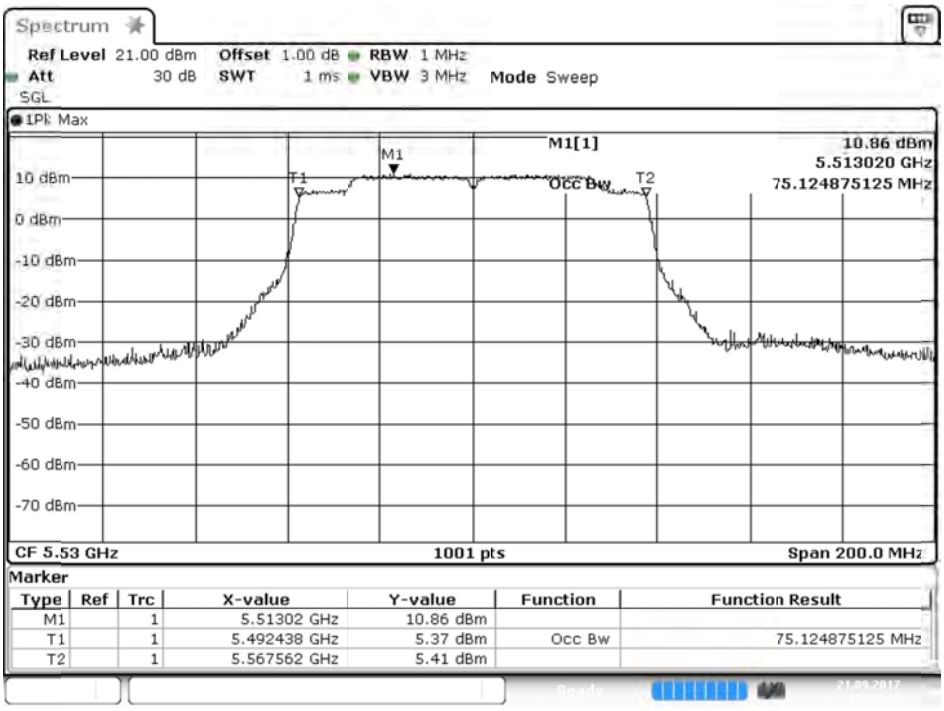
Date: 21.SEP.2017 10:27:14

Channel 58 – Chain A



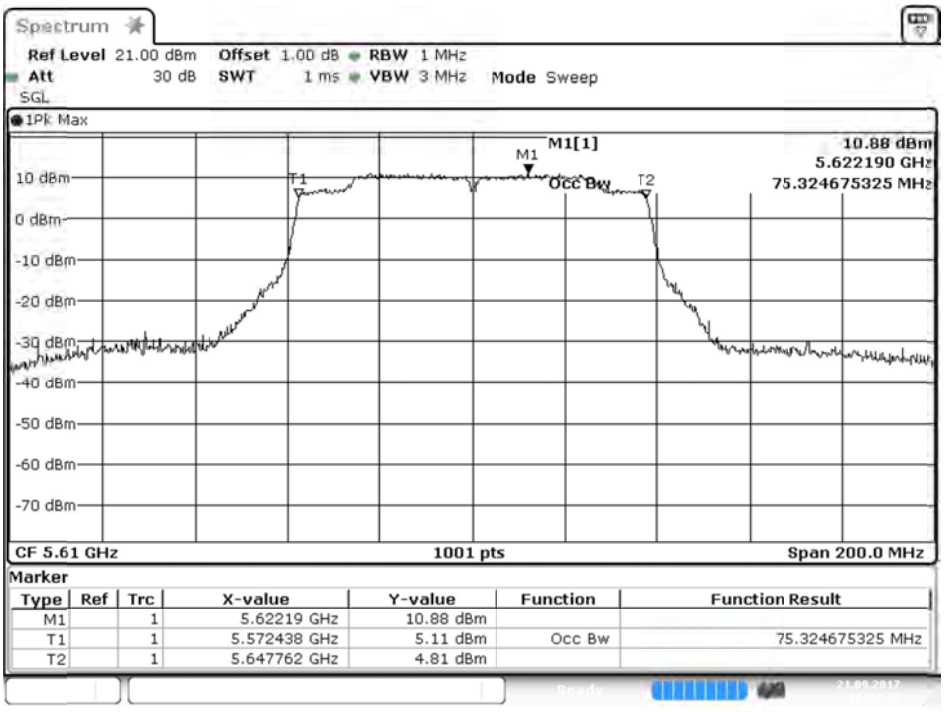
Date: 21.SEP.2017 10:28:15

Channel 106 – Chain A



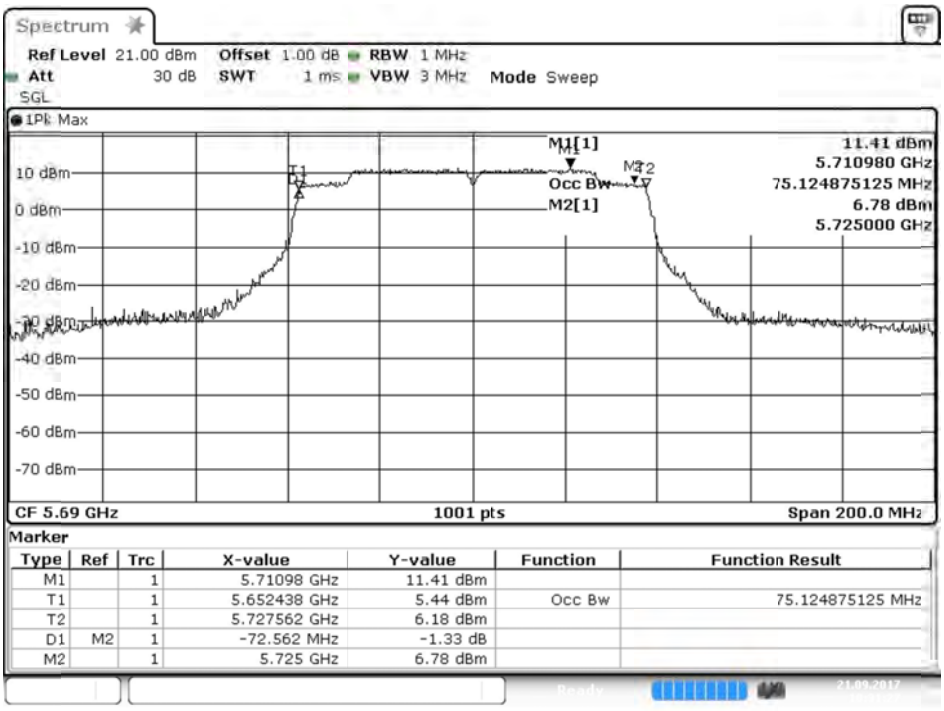
Date: 21.SEP.2017 10:29:15

Channel 122 – Chain A



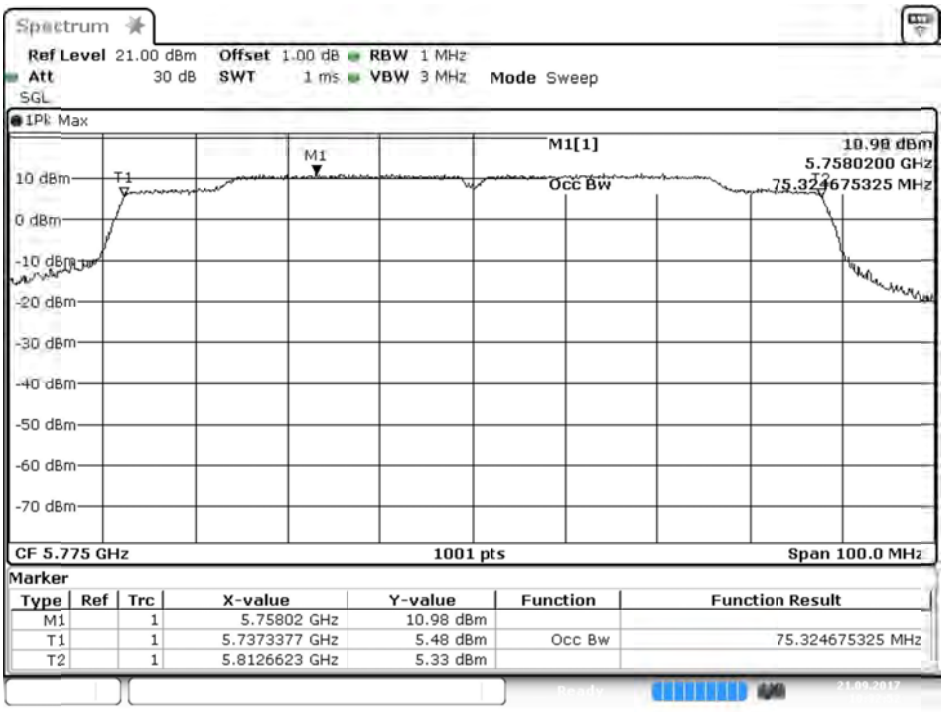
Date: 21.SEP.2017 10:30:16

Channel 138 – Chain A



Date: 21.SEP.2017 10:31:28

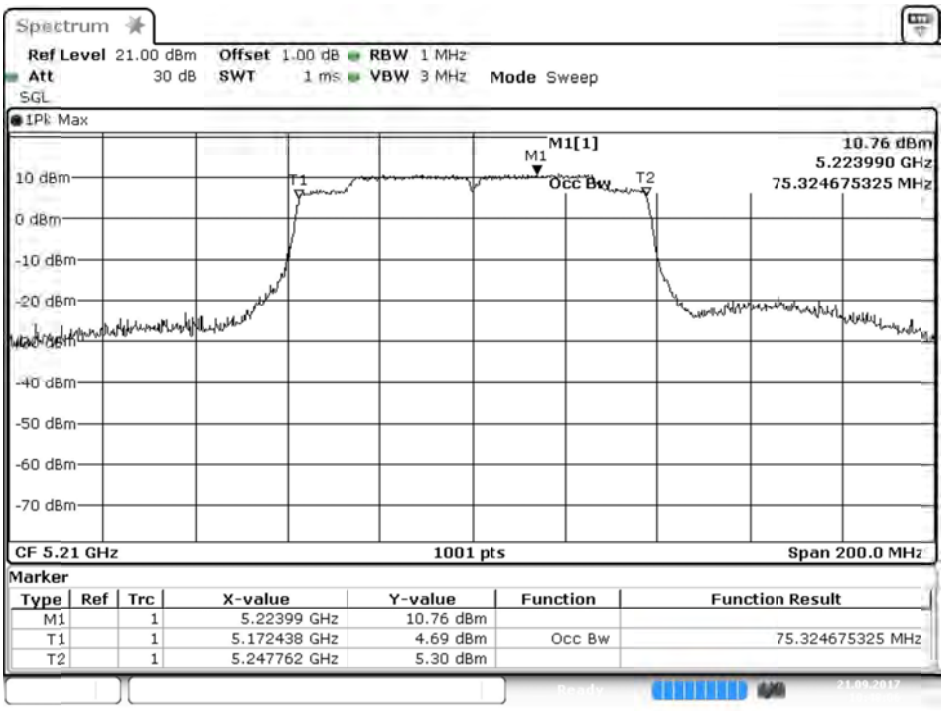
Channel 155– Chain A



Date: 21.SEP.2017 10:32:52

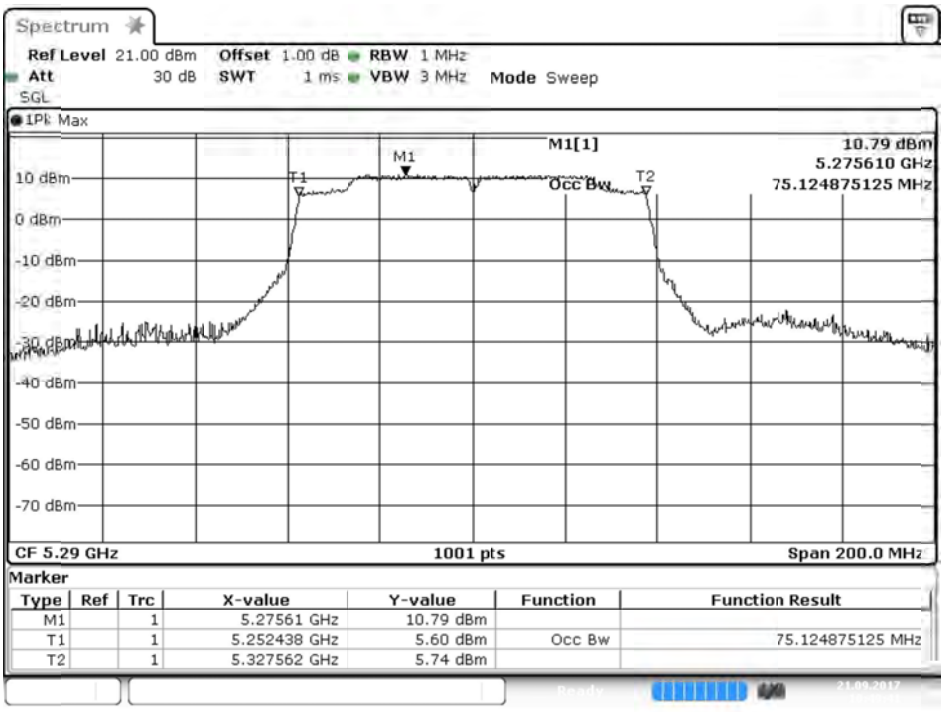
99% Occupied Bandwidth:

Channel 42 – Chain B



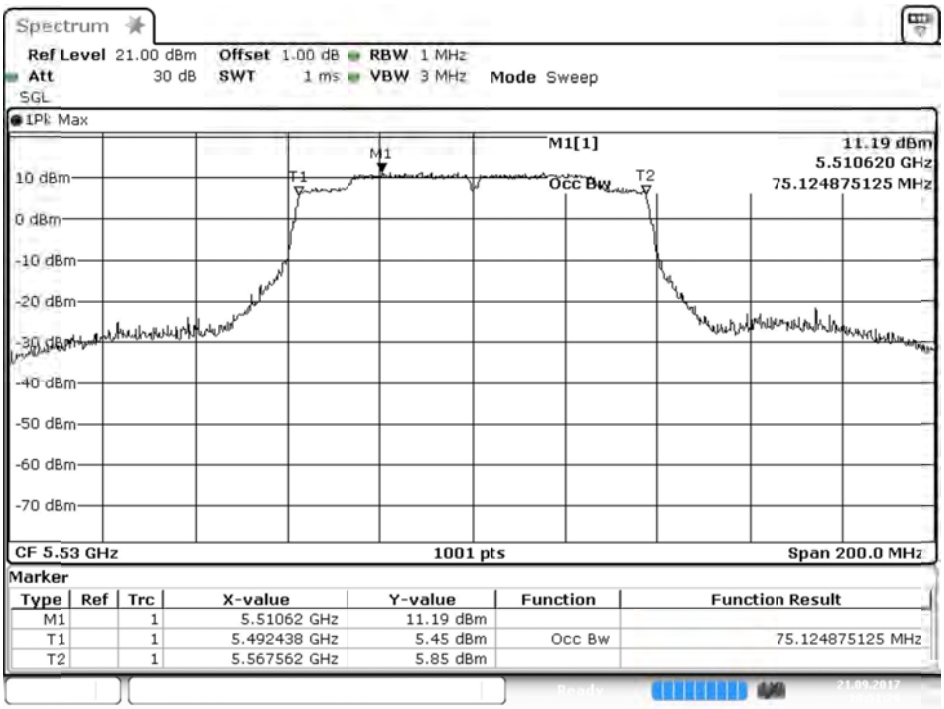
Date: 21.SEP.2017 10:48:06

Channel 58 – Chain B



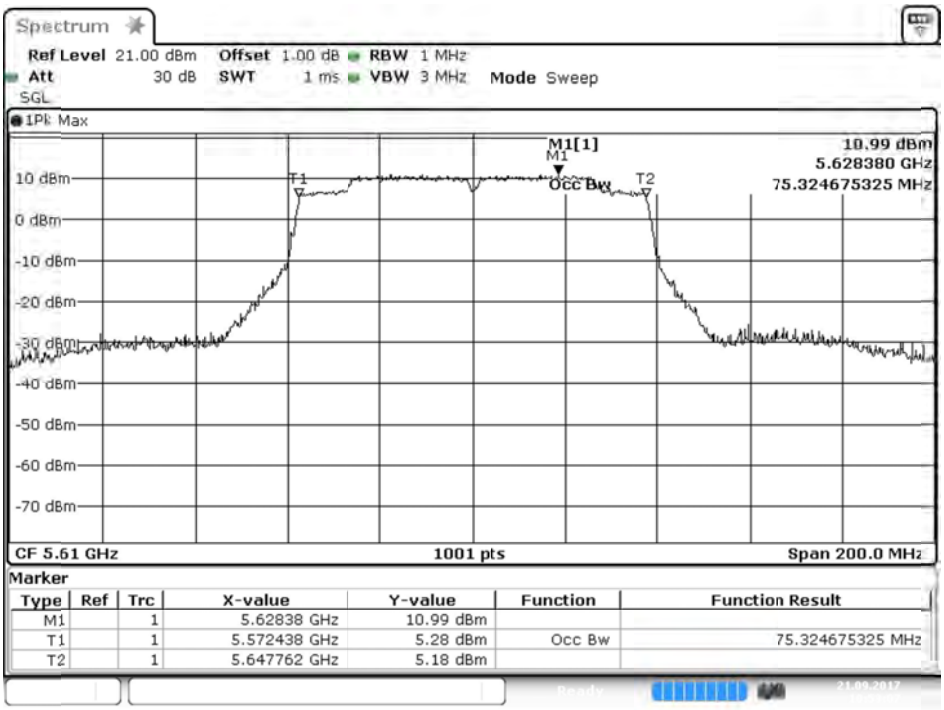
Date: 21.SEP.2017 10:49:41

Channel 106 – Chain B



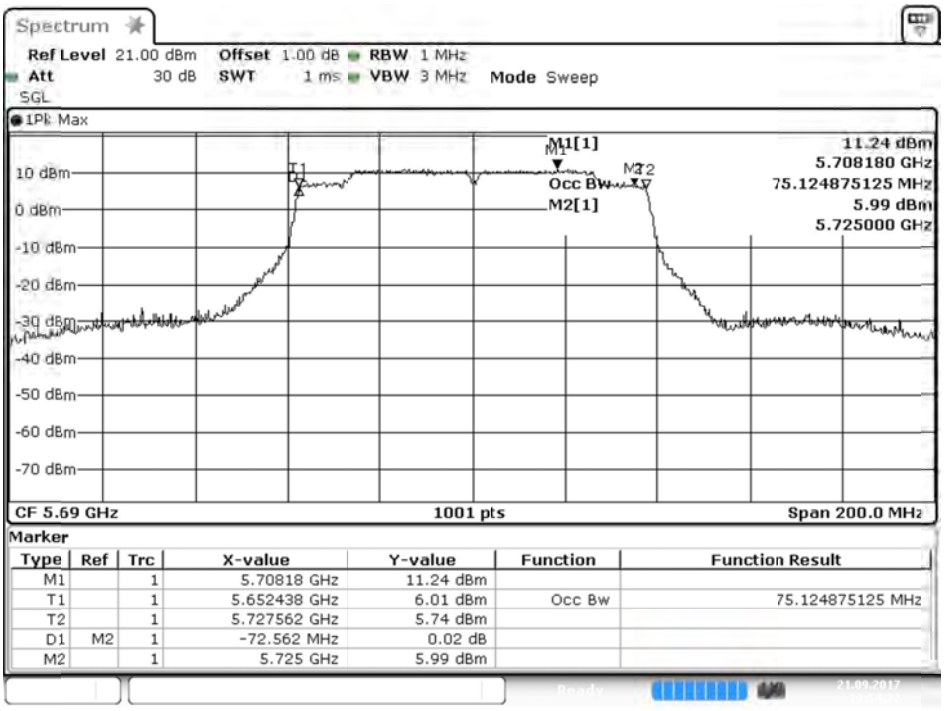
Date: 21.SEP.2017 10:51:27

Channel 122 – Chain B



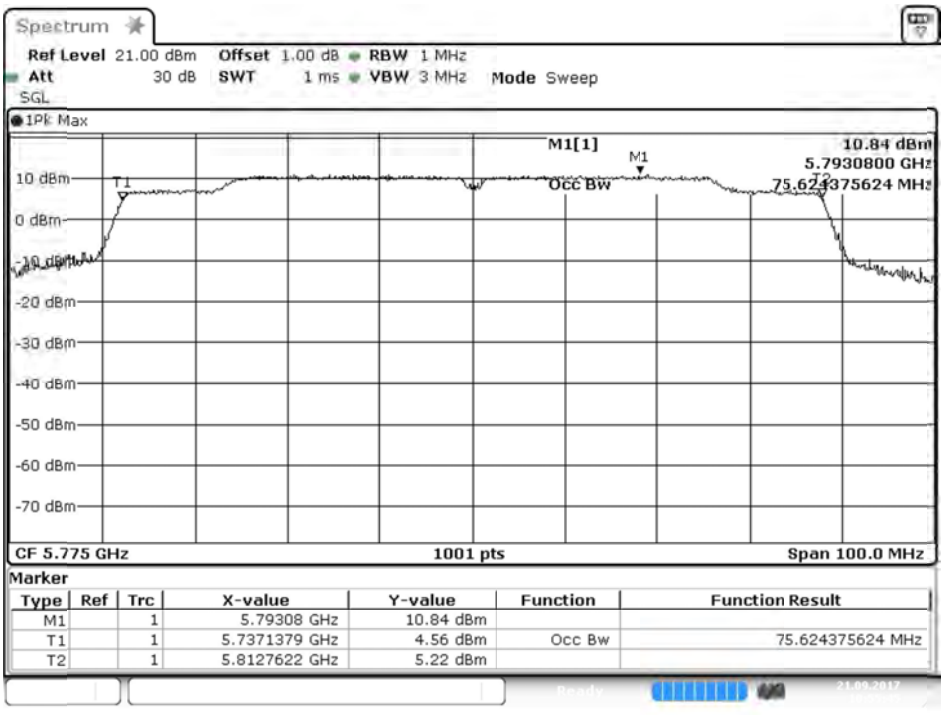
Date: 21.SEP.2017 10:53:08

Channel 138 – Chain B



Date: 21.SEP.2017 10:54:23

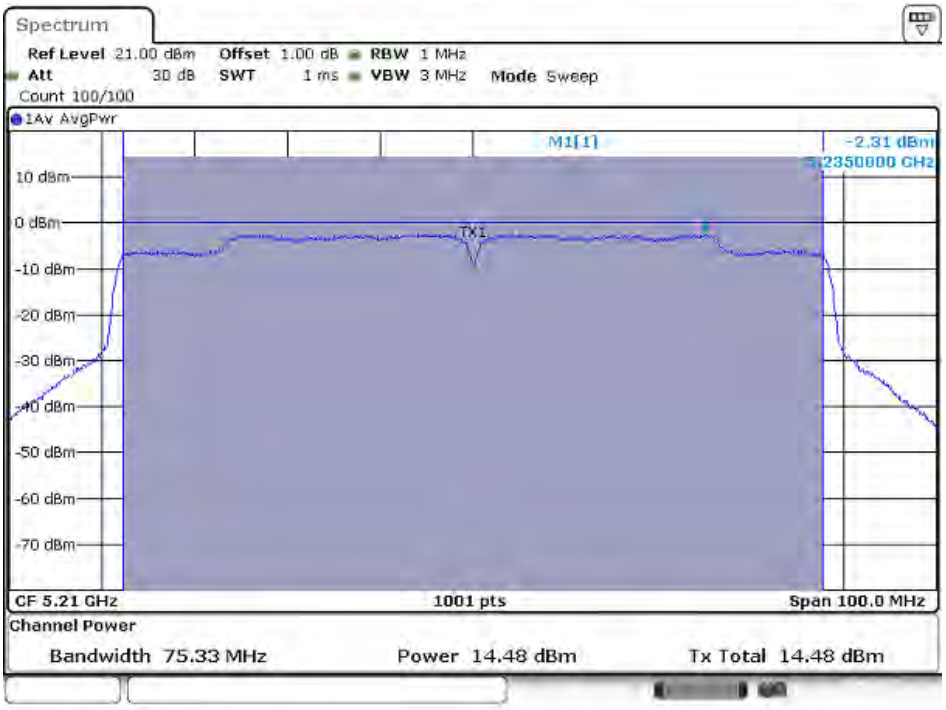
Channel 155– Chain B



Date: 21.SEP.2017 10:55:46

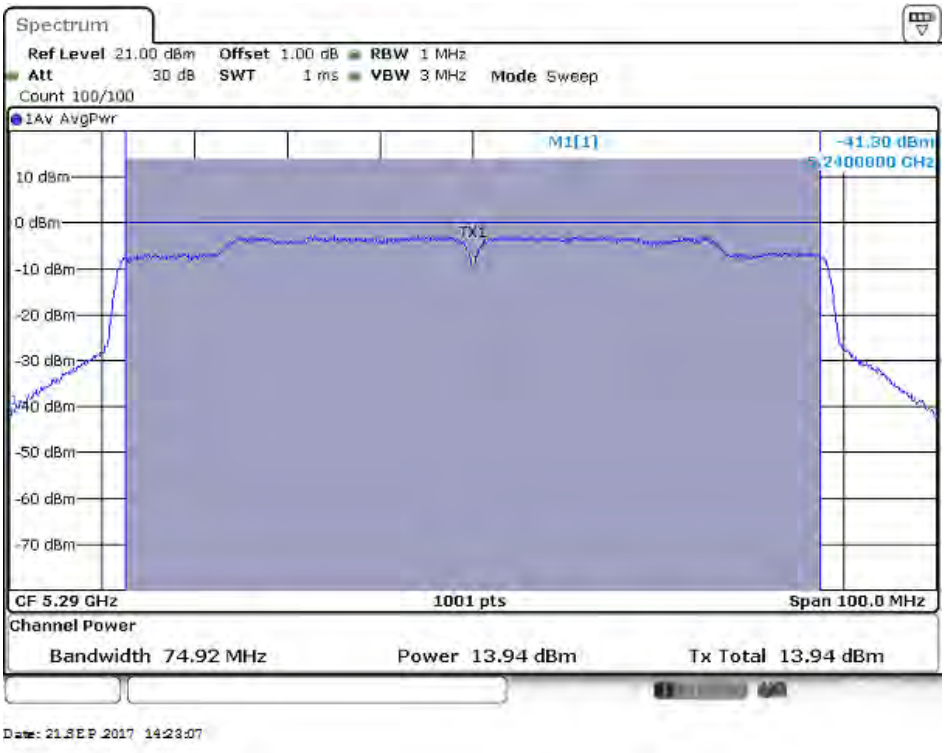
Maximum conducted output power:

Channel 42 – Chain A



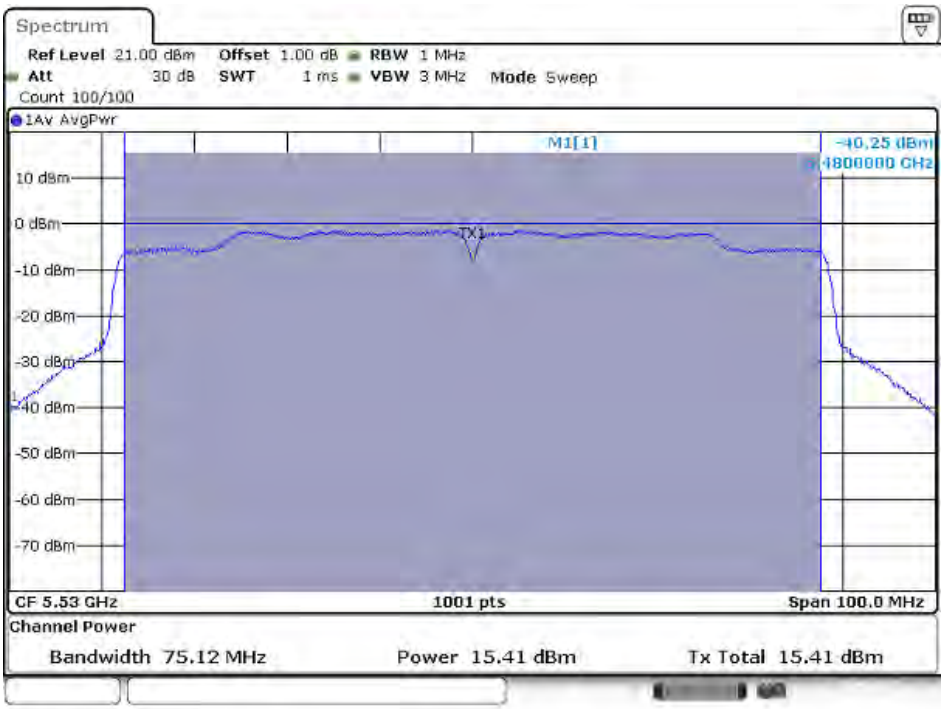
Maximum conducted output power:

Channel 58 – Chain A



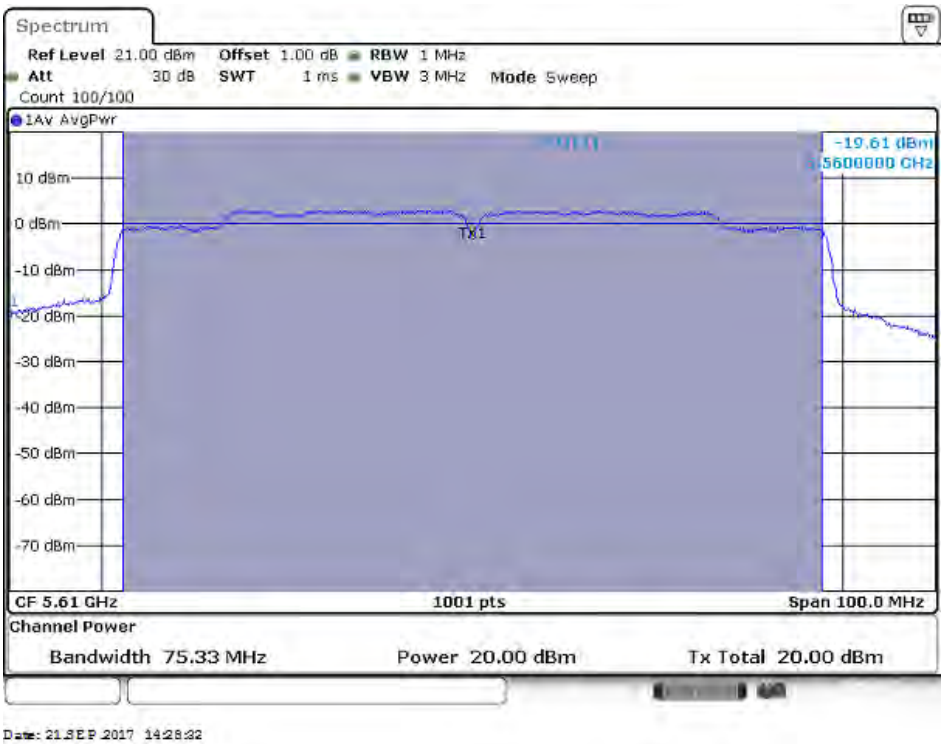
Maximum conducted output power:

Channel 106 – Chain A



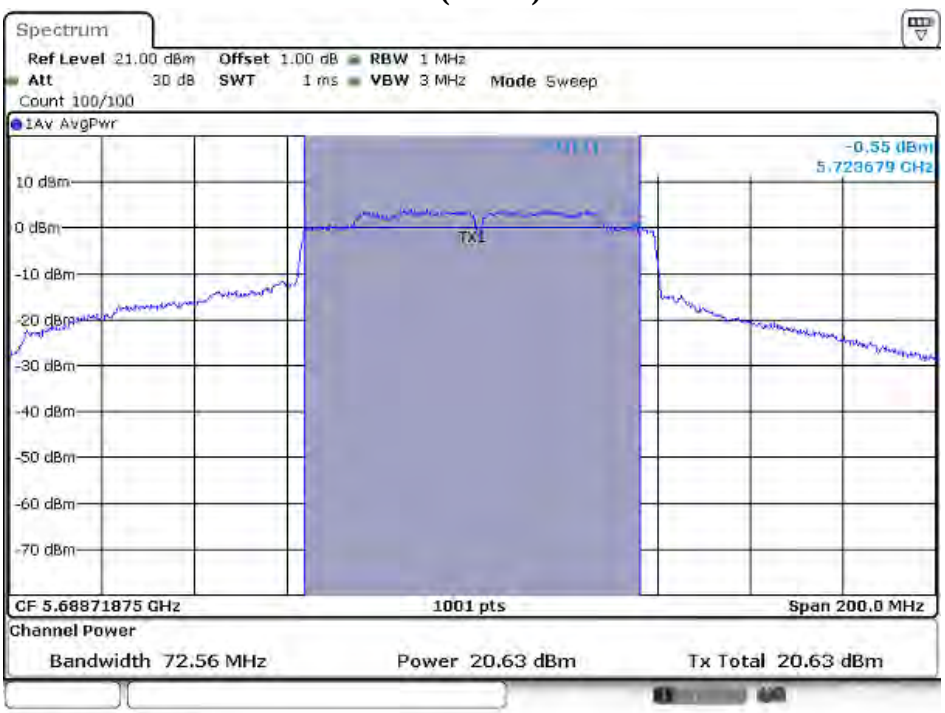
Maximum conducted output power:

Channel 122 – Chain A



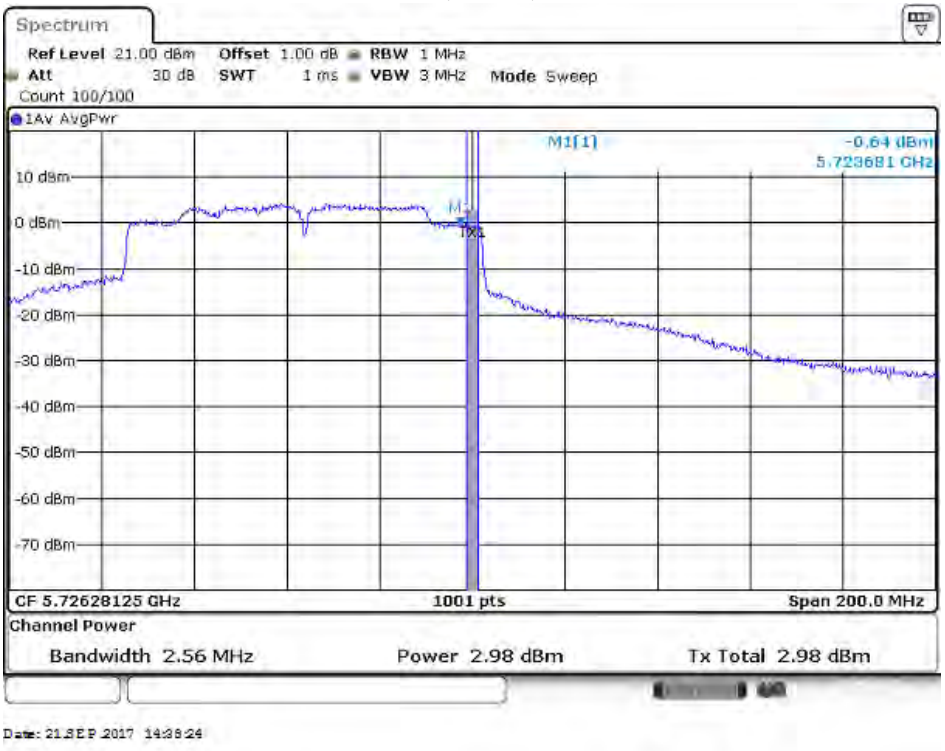
Maximum conducted output power:

Channel 138 (Band3)– Chain A



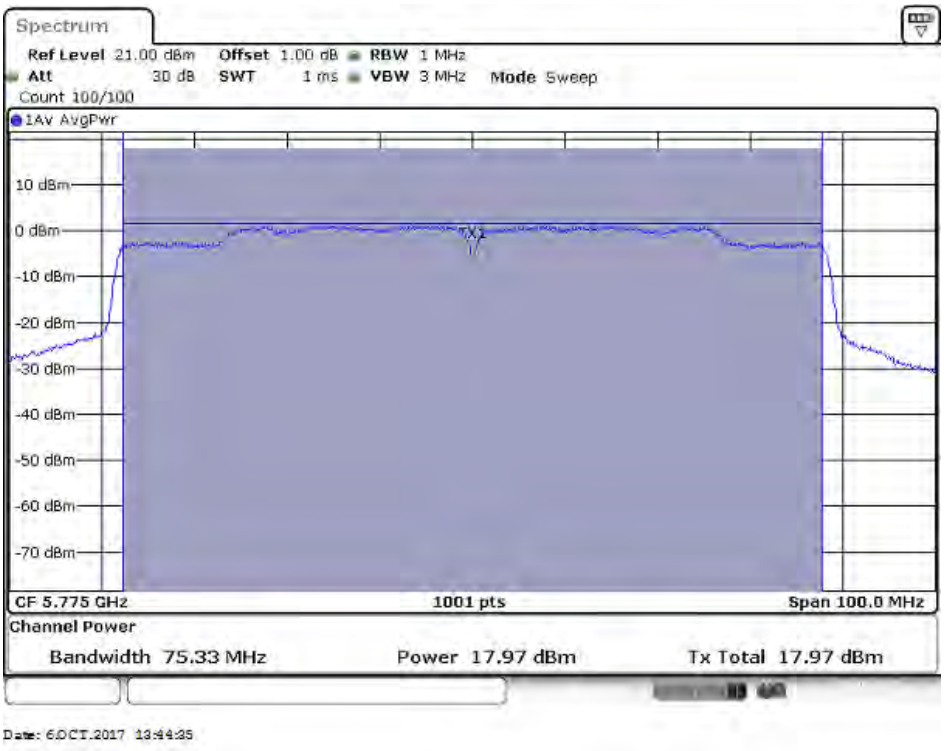
Maximum conducted output power:

Channel 138 (Band4)– Chain A



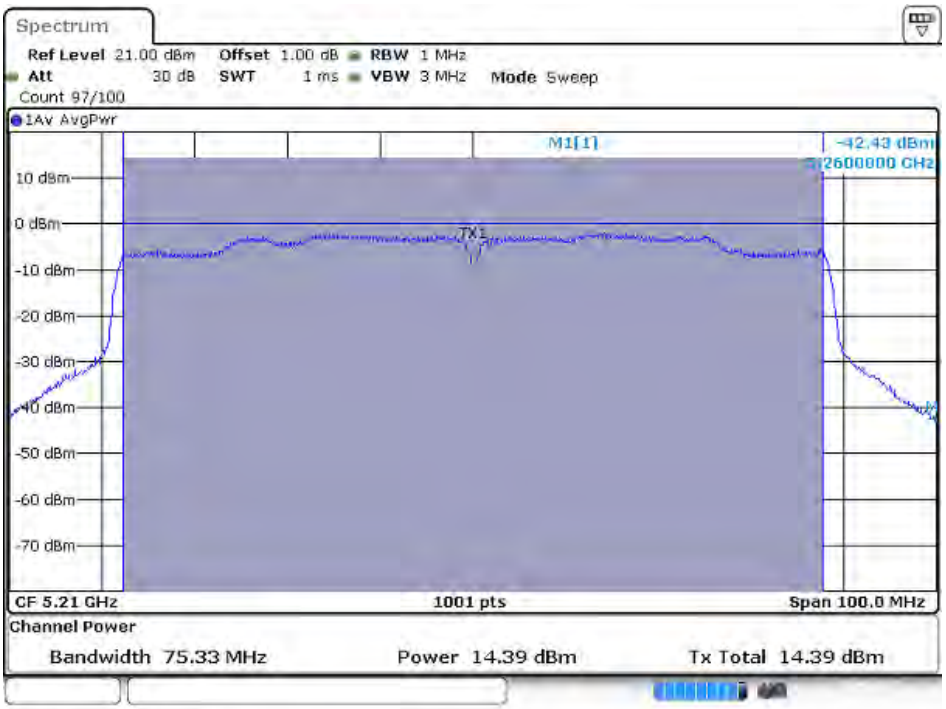
Maximum conducted output power:

Channel 155– Chain A



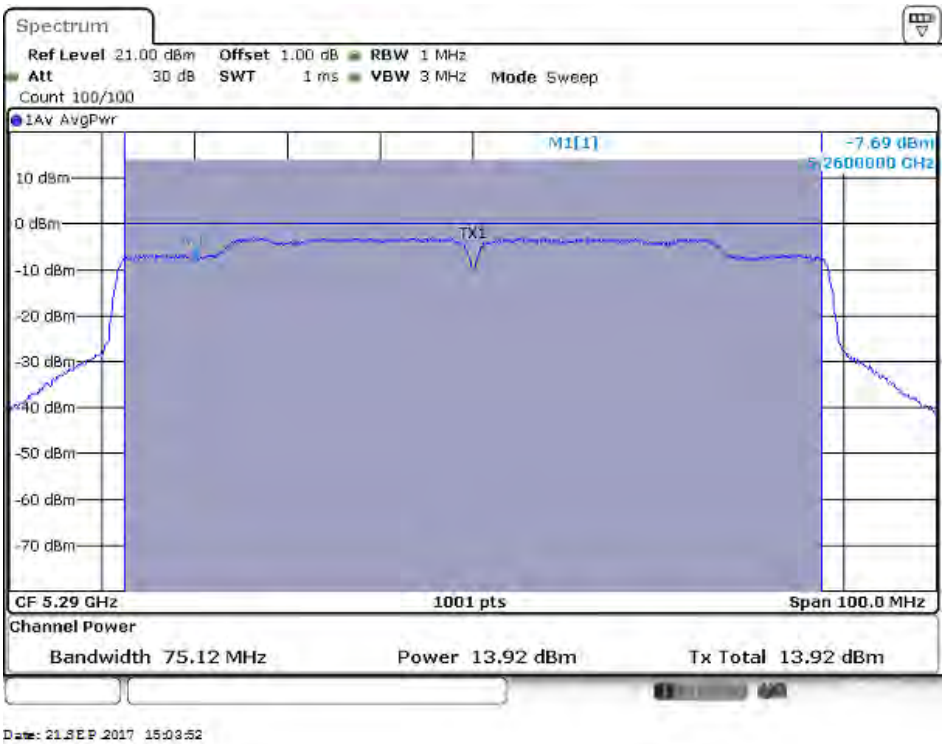
Maximum conducted output power:

Channel 42 –Chain B



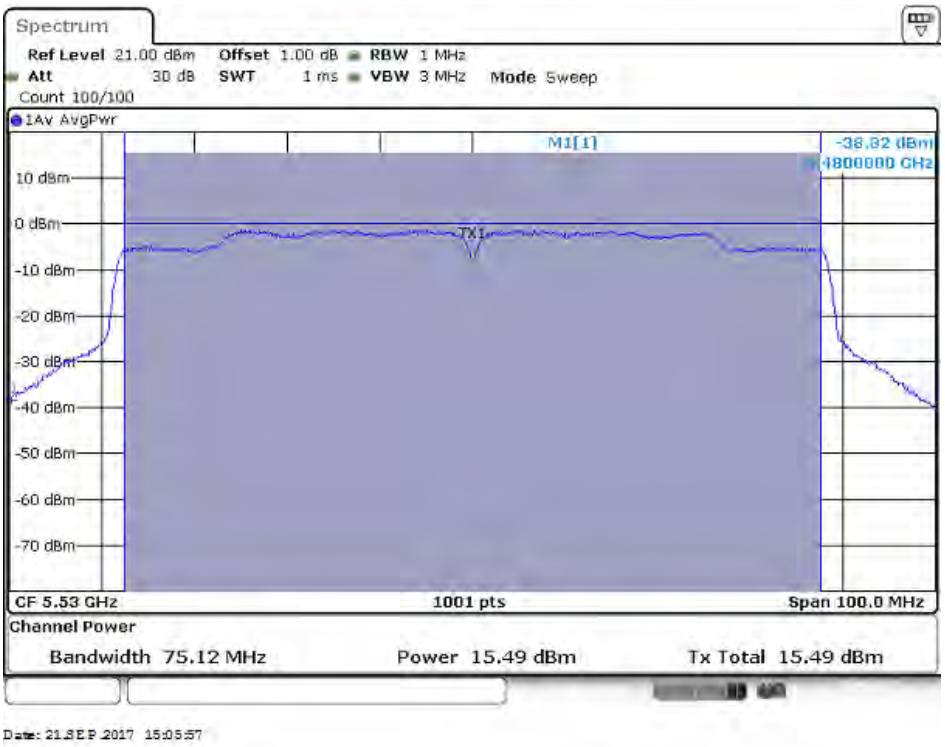
Maximum conducted output power:

Channel 58 –Chain B



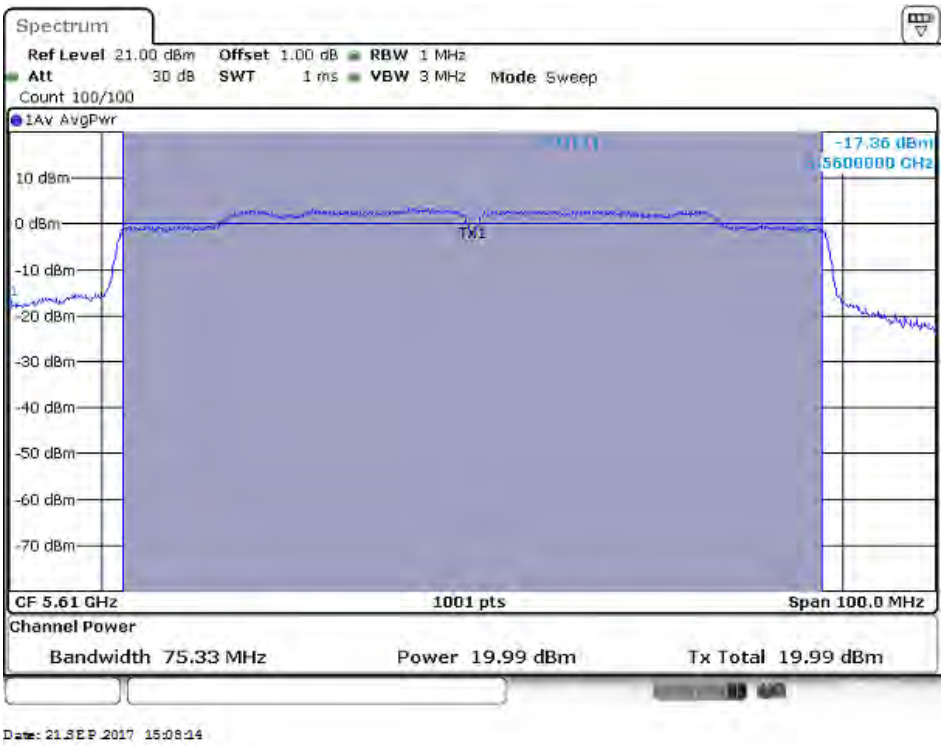
Maximum conducted output power:

Channel 106 –Chain B



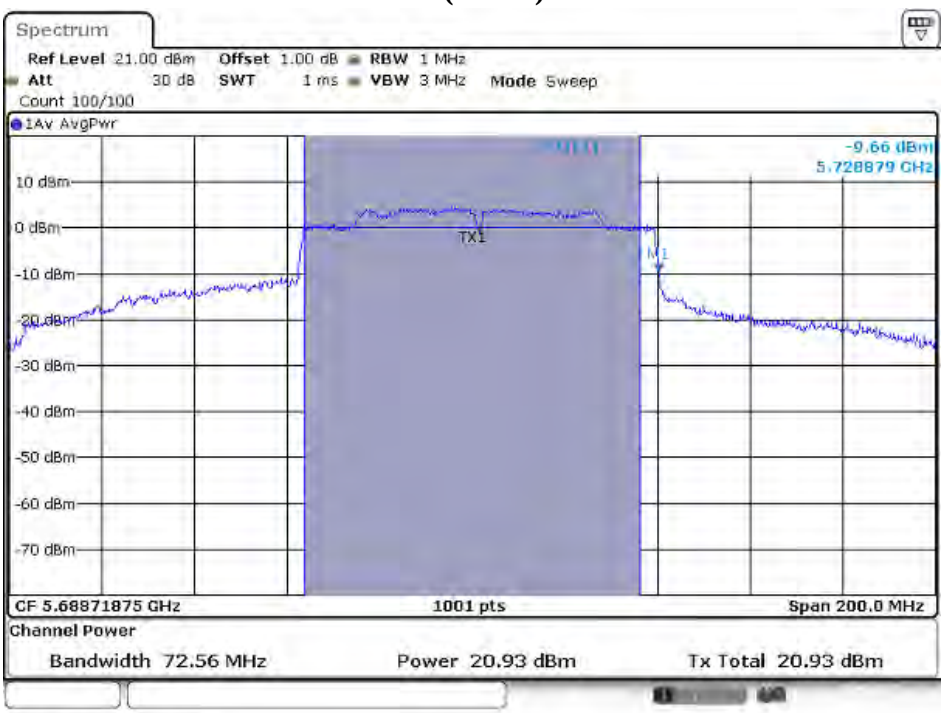
Maximum conducted output power:

Channel 122 –Chain B



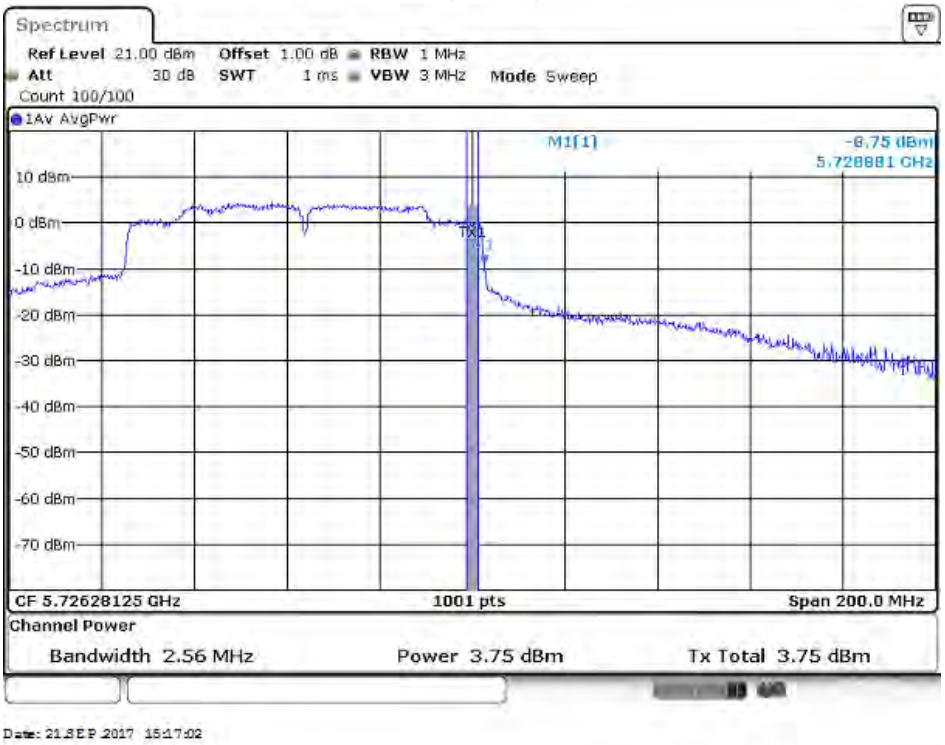
Maximum conducted output power:

Channel 138 (Band3)–Chain B



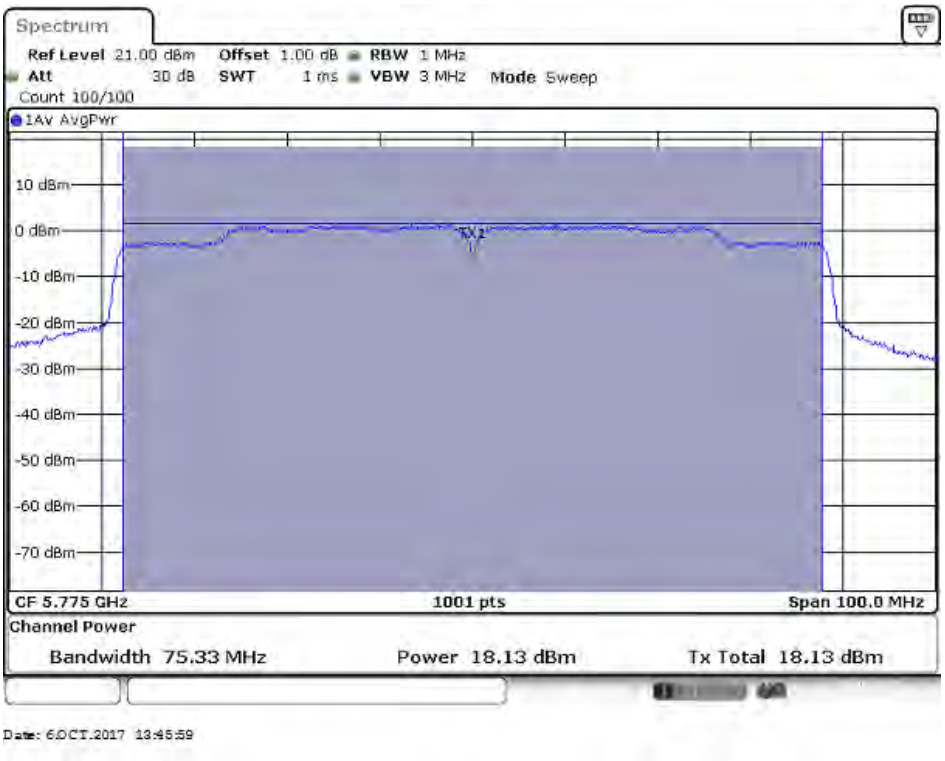
Maximum conducted output power:

Channel 138 (Band4)–Chain B



Maximum conducted output power:

Channel 155–Chain B



Product : Intel® Wireless-AC 9260
Test Item : Maximum conducted output power
Test Date : 2017/09/20
Test Mode : Mode 3 MIMO: Transmit (802.11ac-160BW-130Mbps)

Chain A

Cable loss=1.5dB		Average Power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
50ac160(Band1)	5250	7.25	7.18	7.11	7.04	6.97	6.90	6.83	6.76	6.69	6.62	<24dBm
50ac160(Band2)	5250	7.66	7.59	7.52	7.45	7.38	7.31	7.24	7.17	7.10	7.03	<24dBm
114ac160	5570	13.45	13.38	13.31	13.24	13.17	13.10	13.03	12.96	12.89	12.82	<24dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Chain B

Cable loss=1.5dB		Average Power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
50ac160(Band1)	5250	7.23	7.16	7.09	7.02	6.95	6.88	6.81	6.74	6.67	6.60	<24dBm
50ac160(Band2)	5250	7.58	7.51	7.44	7.37	7.30	7.23	7.16	7.09	7.02	6.95	<24dBm
114ac160	5570	13.41	13.34	13.27	13.20	13.13	13.06	12.99	12.92	12.85	12.78	<24dBm

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power Limit	
					(dBm)	dBm+10log(BW)
144(Band1)	5250	--	7.250	7.230	24	--
144(Band2)	5250	76.620	7.660	7.580	24	29.84
114ac160	5570	153.250	13.450	13.410	24	32.85

Note:

1. Power Output Value =Reading value on Spectrum Analyzer + cable loss
2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
3. 26 dBBandwidth is the bandwidth of chain A or chain Bwhichever is less bandwidth, output power limitation is more stringent.