FCC PART 15E TEST REPORT FOR CERTIFICATION
On Behalf of

Hui Zhou Gaoshengda Technology Co.,LTD

WIFI+BT Module

Model Number: WXT26M2601B

FCC ID: 2AC23-WXT26

Applicant :	Hui Zhou Gaoshengda Technology Co.,LTD
Address:	NO.75 Zhongkai Development Area, Huizhou, Guangdong, China
Prepared By:	EST Technology Co., Ltd.
	Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong, China
Tel: 86-769-83081888-808	

Report Number:	ESTE-R2012155-1
Date of Test:	Feb. 18, 2022~Mar. 11, 2022
Date of Report:	Mar. 14, 2022

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Description Page

EST Technology Co., Ltd.

Applicant: **Address:**	Hui Zhou Gaoshengda Technology Co.,LTD NO.75 Zhongkai Development Area, Huizhou, Guangdong, China		
Manufacturer: **Address:**	Hui Zhou Gaoshengda Technology Co.,LTD NO.75 Zhongkai Development Area, Huizhou, Guangdong, China		
Factory: **Address:**	Hui Zhou Gaoshengda Technology Co., Ltd No. 2, Jin-da Road, Huinan High-tech Industrial Park, Hui-ao Avenue, Huizhou City, Guangdong, China		
E.U.T:	WIFI+BT Module		
Model Number:	WXT26M2601B		
Power Supply:	DC 3.3V		
Trade Name:	GSD	Serial No.:	------
Date of Receipt:	Feb. 18, 2022	Date of Test:	Feb. 18, 2022~Mar. 11, 2022
Test Specification:	FCC Part 15 Subpart E 15.407 ANSI C63.10:2013 FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01 FCC KDB 662911 D01 Multiple Transmitter Output v02r01		
Test Result:	The device described above is tested by EST Technology Co., Ltd. The measurement results were contained in this test report and EST Technology Co., Ltd. was assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the FCC Rules and Regulations Part 15 Subpart E requirements. This report applies to above tested sample only and shall not be reproduced in part without written approval of EST Technology Co., Ltd. **Date:** Mar. 14, 2022		

Prepared by:	Reviewed by:	Approved by:
Emily Cai	Seven Wang	
Emily Cai/ Assistant	Seven Wang / Engineer	Iceman Hu / Manager

Other Aspects: This report is based on the original report: ESTE-R2012155, Add U-NII-2A and U-NII-2C tests to this report.

Abbreviations: OK/P=passed fail/F=failed n.a/N=not applicable E.U.T=equipment under tested

This test report is based on a single evaluation of one sample of above mentioned products ,It is not permitted to be duplicated in extracts without written approval of EST Technology Co., Ltd.

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

FCC ID	:	2AC23-WXT26
Product Name	:	WIFI+BT Module
Model Number	:	WXT26M2601B
Software Version	:	V1.0
Hardware Version	:	V1.0
Operation frequency	:	U-NII-2A: 5250 MHz~5350 MHz U-NII-2C: 5470 MHz~5725 MHz
Number of channel	:	U-NII-2A: IEEE 802.11a / n HT20 / ac VHT20 / ax HE20: 4 Channels; IEEE 802.11n HT40 / ac VHT40 /ax HE40: 2 Channels; IEEE 802.11ac VHT80/ ax HE80: 1 Channel. U-NII-2C: IEEE 802.11a / n HT20 / ac VHT20 / ax HE20: 11 Channels; IEEE 802.11n HT40 / ac VHT40 /ax HE40: 5 Channels; IEEE 802.11ac VHT80/ ax HE80: 2 Channel.
Modulation	:	OFDM(QPSK, BPSK, 16-QAM, 64-QAM,256-QAM)
Transmit Data Rate	:	IEEE 802.11a: 54, 48, 36, 24, 18, 12, 9, 6Mbps; IEEE 802.11n: up 300Mbps; IEEE 802.11ac: up to 866.7Mbps; IEEE 802.11ax: up to 1201Mbps;
Channels Spacing	:	IEEE 802.11a: 20MHz; IEEE 802.11n HT20: 20MHz; IEEE 802.11n HT40: 40MHz; IEEE 802.11ac VHT20: 20MHz; IEEE 802.11ac VHT40: 40MHz; IEEE 802.11ac VHT80: 80MHz; IEEE 802.11ax HE20: 20MHz; IEEE 802.11ax HE40: 40MHz; IEEE 802.11ax HE80: 80MHz

Transmit Power	:	U-NII-2A	IEEE 802.11a: 17.94dBm IEEE 802.11n HT20: 19.99dBm IEEE 802.11n HT40: 19.97dBm IEEE 802.11ac VHT20: 19.99dBm IEEE 802.11ac VHT40: 19.74dBm IEEE 802.11ac VHT80: 19.6dBm IEEE 802.11ax HE20: 19.89dBm IEEE 802.11ax HE40: 19.69dBm IEEE 802.11ax HE80: 19.83dBm
		U-NII-2C	IEEE 802.11a: 18.11dBm IEEE 802.11n HT20: 19.87dBm IEEE 802.11n HT40: 19.86dBm IEEE 802.11ac VHT20: 19.72dBm IEEE 802.11ac VHT40: 19.69dBm IEEE 802.11ac VHT80: 19.86dBm IEEE 802.11ax HE20: 19.87dBm IEEE 802.11ax HE40: 19.76dBm IEEE 802.11ax HE80: 19.89dBm
Sample Type	:	Prototype production	

Note:For a more detailed features description, please refer to the manufacturer’s specifications or the user's manual.

1.2. The antenna information for EUT

Ant No.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	-	-	PIFA	-	3
2	-	-	PIFA	-	3

Remark:

(1) The EUT can work as CDD mode in IEEE 802.11n and IEEE 802.11ac,and can operate with one spatial stream.

(2) According to ANSI C63.10:2013 14.4.3.2.5 a):
Directional gain=3dBi+10×log(2/1)dB=6.01dBi＞6dBi
So,the output power limit and power spectral density should be reduced.
For output Power：
U-NII-2A&U-NII-2C Limit is 23.98dBm-(6.01dBi-6dBi)=23.97dBm
For power spectral density:
U-NII-2A&U-NII-2C Limit is 11dBm/MHz-(6.01dBi-6dBi)=10.99Bm/MHz

(3) After pre-test all antenna configurations,the worst case configuration as list below.

(4) This information is provided by the applicant.

ANT No. / TX Mode	SISO Configuration	MIMO Configuration
IEEE 802.11a	ANT 1 and ANT2	/
IEEE 802.11n HT20	/	ANT1+ANT2
IEEE 802.11n HT40	/	ANT1+ANT2
IEEE 802.11ac VHT20	/	ANT1+ANT2
IEEE 802.11ac VHT40	/	ANT1+ANT2
IEEE 802.11ac VHT80	/	ANT1+ANT2
IEEE 802.11ax HE20	/	ANT1+ANT2
IEEE 802.11ax HE40	/	ANT1+ANT2
IEEE 802.11ax HE80	/	ANT1+ANT2

1.3. Information of RF Cable

Cable Loss(dB)	Provided by
1.0	Hui Zhou Gaoshengda Technology Co.,LTD
Note: 1.The customer declared the loss value of the RF Cable, and the test results of this report only apply to the sample as received. 2. This information is provided by the applicant.	

2. SUMMARY OF TEST

2.1. Summary of test result

Report Section	Description of Test Item	FCC Standard Section	Results
3	26dB Bandwidth & 99% Occupied Bandwidth	15.407(a) 15.407(e)	PASS
4	Maximum Conducted Output Power	15.407(a)	PASS
5	Peak Power Spectral Density	15.407(a)	PASS
6	Unwanted Emissions and Band Edge	15.205 15.209 15.407(b)	PASS
7	Frequency Stability	15.407(g)	PASS
8	AC Power Line Conducted Emissions	15.207 15.407(b)(9)	PASS
9	Antenna Requirement	15.203	PASS

Note:

(1) "N/A" denotes test is not applicable in this test report

2.2. Test Facilities

EMC Lab : Certificated by CNAS, CHINA
Registration No.: L5288
This Certificate is valid until: November 12, 2023

Certificated by FCC, USA
Designation Number: CN1215
This Certificate is valid until: January 31, 2024

Certificated by A2LA, USA
Registration No.: 4366.01
This Certificate is valid until: January 31, 2024

Certificated by Industry Canada
CAB identifier No.: CN0035
This Certificate is valid until: January 31, 2024

Certificated by VCCI, Japan
Registration No.:C-14103; T-20073; R-13663;
R-20103; G-20097
Date of registration: Apr. 20, 2020
This Certificate is valid until: Apr. 19, 2023

Certificated by TUV Rheinland, Germany
Registration No.: UA 50413872 0001
Date of registration: July 31, 2018

Certificated by Intertek
Registration No.: 2011-RTL-L2-64
Date of registration: November 08, 2018

Name of Firm : EST Technology Co., Ltd.

Site Location : Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong, China

2.3. Measurement uncertainty for EST Technology Co., Ltd.

Test Item	Uncertainty
Uncertainty for Conduction emission test	2.54dB
Uncertainty for Radiation Emission test (30MHz-1GHz)	3.62
Uncertainty for Radiation Emission test (1GHz to 18GHz)	4.86
Uncertainty for spurious emissions test (18GHz to 40GHz)	4.67
Uncertainty for radio frequency	7×10-8
Uncertainty for conducted RF Power	1.08dB
Uncertainty for Power density test	0.26dB
Temperature	±0.6° C
Humidity	±4.0 %
Volatage DC	±1.0%
Volatage (AC, <10KHz)	±1.5%

Note:

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

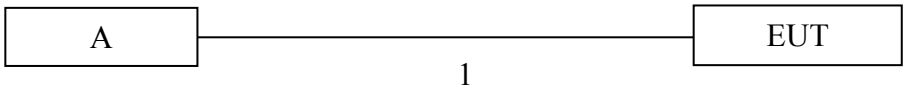
2.4. Assistant equipment used for test

Item	Equipment	Brand	Model Name/Type No.	FCC ID	Series No.
A	PC	LENOVO	E485	-	-

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	0.3m	DC Cable

2.5. Block Diagram

For radiated emissions test: EUT was placed on a turn table, which is 0.8 (or 1.5) meter high above ground.



DC 3.3V From PC

(EUT: WIFI+BT Module)

2.6. Test Mode

Pre-scan has been combined all possible modulations and date rates to determine the worst case test mode,the worst case test mode was selected for the final test as listed below.

Test Item	Test Mode	Channel	Modulation	Data rate
26dB Bandwidth	IEEE 802.11a	52/60/64/100/116/140	OFDM	6Mbps
	IEEE 802.11n HT20	52/60/64/100/116/140	OFDM	MCS0
	IEEE 802.11ax HE20	52/60/64/100/116/140	OFDM	MCS0
	IEEE 802.11n HT40	54/62/105/118/134	OFDM	MCS0
	IEEE 802.11ax HE40	54/62/105/118/134	OFDM	MCS0
	IEEE 802.11ac VHT20	52/60/64/100/116/140	OFDM	MCS0
	IEEE 802.11ac VHT40	54/62/105/118/134	OFDM	MCS0
	IEEE 802.11ac VHT80	58/106/122	OFDM	MCS0
	IEEE 802.11ax HE80	58/106/122	OFDM	MCS0

Test Item	Test Mode	Channel	Modulation	Data rate
99% Occupied Bandwidth	IEEE 802.11a	52/60/64/100/116/140	OFDM	6Mbps
	IEEE 802.11n HT20	52/60/64/100/116/140	OFDM	MCS0
	IEEE 802.11ax HE20	52/60/64/100/116/140	OFDM	MCS0
	IEEE 802.11n HT40	54/62/105/118/134	OFDM	MCS0
	IEEE 802.11ax HE40	54/62/105/118/134	OFDM	MCS0
	IEEE 802.11ac VHT20	52/60/64/100/116/140	OFDM	MCS0
	IEEE 802.11ac VHT40	54/62/105/118/134	OFDM	MCS0
	IEEE 802.11ac VHT80	58/106/122	OFDM	MCS0
	IEEE 802.11ax HE80	58/106/122	OFDM	MCS0
Maximum Conducted Output Power	IEEE 802.11a	52/60/64/100/116/140	OFDM	6Mbps
	IEEE 802.11n HT20	52/60/64/100/116/140	OFDM	MCS0
	IEEE 802.11ax HE20	52/60/64/100/116/140	OFDM	MCS0
	IEEE 802.11n HT40	54/62/105/118/134	OFDM	MCS0
	IEEE 802.11ax HE40	54/62/105/118/134	OFDM	MCS0
	IEEE 802.11ac VHT20	52/60/64/100/116/140	OFDM	MCS0
	IEEE 802.11ac VHT40	54/62/105/118/134	OFDM	MCS0
	IEEE 802.11ac VHT80	58/106/122	OFDM	MCS0
	IEEE 802.11ax HE80	58/106/122	OFDM	MCS0

Peak Power Spectral Density	IEEE 802.11a	52/60/64/100/116/140	OFDM	6Mbps
	IEEE 802.11n HT20	52/60/64/100/116/140	OFDM	MCS0
	IEEE 802.11ax HE20	52/60/64/100/116/140	OFDM	MCS0
	IEEE 802.11n HT40	54/62/105/118/134	OFDM	MCS0
	IEEE 802.11ax HE40	54/62/105/118/134	OFDM	MCS0
	IEEE 802.11ac VHT20	52/60/64/100/116/140	OFDM	MCS0
	IEEE 802.11ac VHT40	54/62/105/118/134	OFDM	MCS0
	IEEE 802.11ac VHT80	58/106/122	OFDM	MCS0
	IEEE 802.11ax HE80	58/106/122	OFDM	MCS0
Unwanted Emissions and Band Edge(Above 1GHz)	IEEE 802.11a	52/60/64/100/116/140	OFDM	6Mbps
	IEEE 802.11n HT20	52/60/64/100/116/140	OFDM	MCS0
	IEEE 802.11ax HE20	52/60/64/100/116/140	OFDM	MCS0
	IEEE 802.11n HT40	54/62/105/118/134	OFDM	MCS0
	IEEE 802.11ax HE40	54/62/105/118/134	OFDM	MCS0
	IEEE 802.11ac VHT20	52/60/64/100/116/140	OFDM	MCS0
	IEEE 802.11ac VHT40	54/62/105/118/134	OFDM	MCS0
	IEEE 802.11ac VHT80	58/106/122	OFDM	MCS0
	IEEE 802.11ax HE80	58/106/122	OFDM	MCS0
Unwanted Emissions Below 1GHz	IEEE 802.11ax HE20	52	OFDM	6Mbps
Frequency Stability	IEEE 802.11ax HE20	52/100	N/A	N/A
AC Power Line Conducted Emissions	IEEE 802.11ax HE20	52	OFDM	6Mbps

Note:

1. In radiated measurement,the EUT had been pre-scan on the positioned of each 3 axis(X,Y,Z), the worst case was found when positioned on **X-plane.**

2.7. Channel List

Band	Mode	Channel	Frequency (MHz)
U-NII-2A	IEEE 802.11a & n HT20 & ac VHT20 & IEEE 802.11ax HE20	52	5260
		56	5280
		60	5300
		64	5320
	IEEE 802.11n HT40 & ac VHT40 & IEEE 802.11ax HE40	54	5270
		62	5310
	IEEE 802.11ac VHT80 & IEEE 802.11ax HE80	58	5290
U-NII-2C	IEEE 802.11a & n HT20 & ac VHT20 & IEEE 802.11ax HE20	100	5500
		104	5520
		108	5540
		112	5560
		116	5580
		120	5600
		124	5620
		128	5640
		132	5660
		136	5680
		140	5700
	IEEE 802.11n HT40 & ac VHT40 & IEEE 802.11ax HE40	102	5510
		110	5550
		118	5590
		126	5630
		134	5670
	IEEE 802.11ac VHT80 & IEEE 802.11ax HE80	106	5530
		122	5610

2.8. Power Setting of Test Software

Software Name	QATool_Dbg.exe		
U-NII-2A			
Frequency(MHz)	5260	5300	5320
IEEE 802.11a Setting	14	14	14
IEEE 802.11n HT20 Setting	14	14	14
IEEE 802.11ac VHT20 Setting	13.5	13.5	13.5
IEEE 802.11ax HE20 Setting	10.5	10.5	10.5
Frequency(MHz)	5270	5310	
IEEE 802.11n HT40 Setting	13	13	
IEEE 802.11ac VHT40 Setting	13	13	
IEEE 802.11ax HE40 Setting	13	13	
Frequency(MHz)	5290		
IEEE 802.11ac VHT80 Setting	15		
IEEE 802.11ax HE80 Setting	15.5		
U-NII-2C			
Frequency(MHz)	5500	5580	5700
IEEE 802.11a Setting	14	15	15
IEEE 802.11n HT20 Setting	14	15	15
IEEE 802.11ac VHT20 Setting	13	15	15
IEEE 802.11ax HE20 Setting	10	12	12
Frequency(MHz)	5510	5590	5670
IEEE 802.11n HT40 Setting	12.5	12.5	14
IEEE 802.11ac VHT40 Setting	12.5	12.5	14
IEEE 802.11ax HE40 Setting	12.5	12.5	14
Frequency(MHz)	5530	5610	
IEEE 802.11ac VHT80 Setting	14.5	14.5	
IEEE 802.11ax HE80 Setting	15	15	

Note: This information is provided by the applicant.

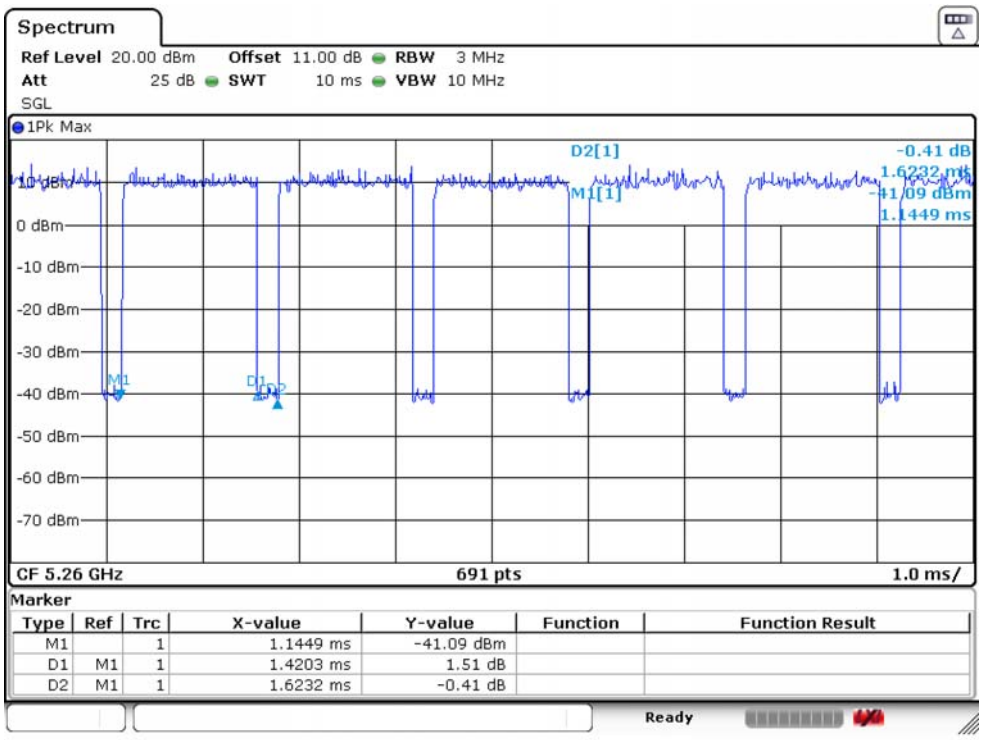
2.9. Duty Cycle of Test Signal

Temperature	23.6℃	Relative Humidity		56%	Test Voltage	DC 3.3V
Mode	Frequency (MHz)	On time (ms)	Total Time (ms)	Duty Cycle (%)	Duty Factor (dB)	1/T (Hz)
IEEE 802.11a	5260	1.40000	1.62320	86.25	0.64	714
IEEE 802.11n HT20	5260	1.34780	1.53620	87.74	0.57	742
IEEE 802.11ac VHT20	5260	0.69565	0.90435	76.92	1.14	1438
IEEE 802.11n HT40	5270	0.67826	0.87826	77.23	1.12	1474
IEEE 802.11ac VHT40	5270	0.37391	0.58261	64.18	1.93	2674
IEEE 802.11ac VHT80	5290	0.20870	0.41739	50.00	3.01	4792
IEEE 802.11ax HE20	5260	0.22609	0.40000	56.52	2.48	4423
IEEE 802.11ax HE40	5270	0.22609	0.40870	55.32	2.57	4423
IEEE 802.11ax HE80	5290	0.22609	0.42609	53.06	2.75	4423

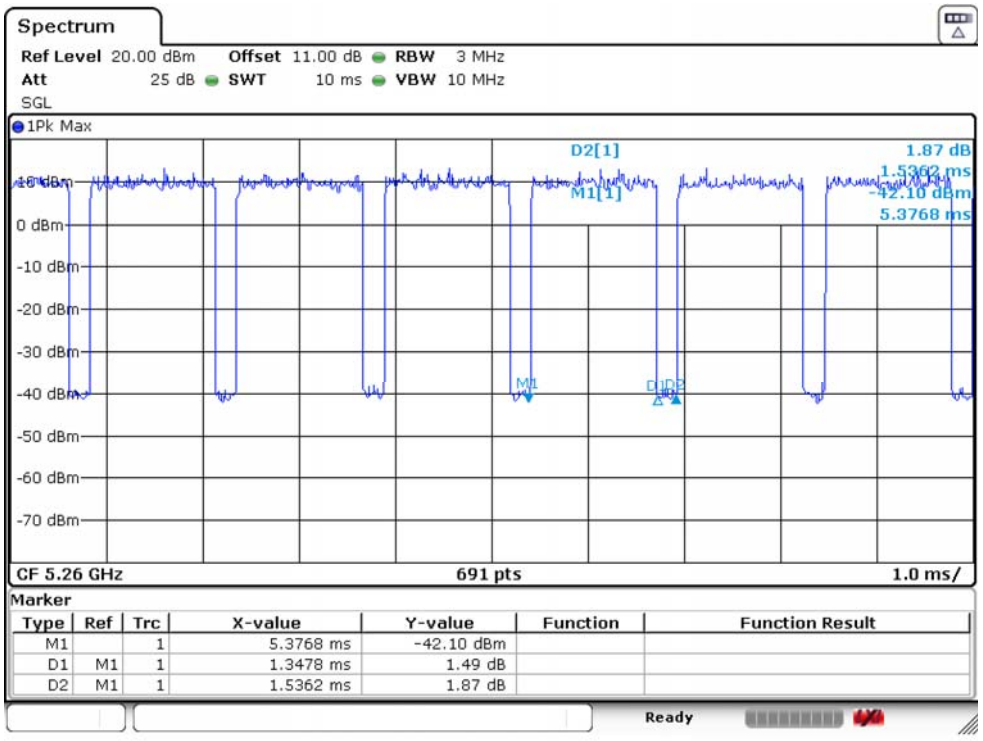
Note:

1. Duty Cycle=On Time/Total Time×100%.
2. Duty Factor=10×Log(1/Duty Cycle).
3. If duty cycle <98 %, the conducted average output power and average power spectral density should be add duty factor.
4. If duty cycle≥98 %,the EUT is consider to be transmitting continuously,the conducted average output power and average power spectral density no need to add duty factor.
5. The on-time time is transmission duration(T).
6. The VBW Setting is use for RMS measurement in unwanted emissions and band edge(Above 1GHz) test.

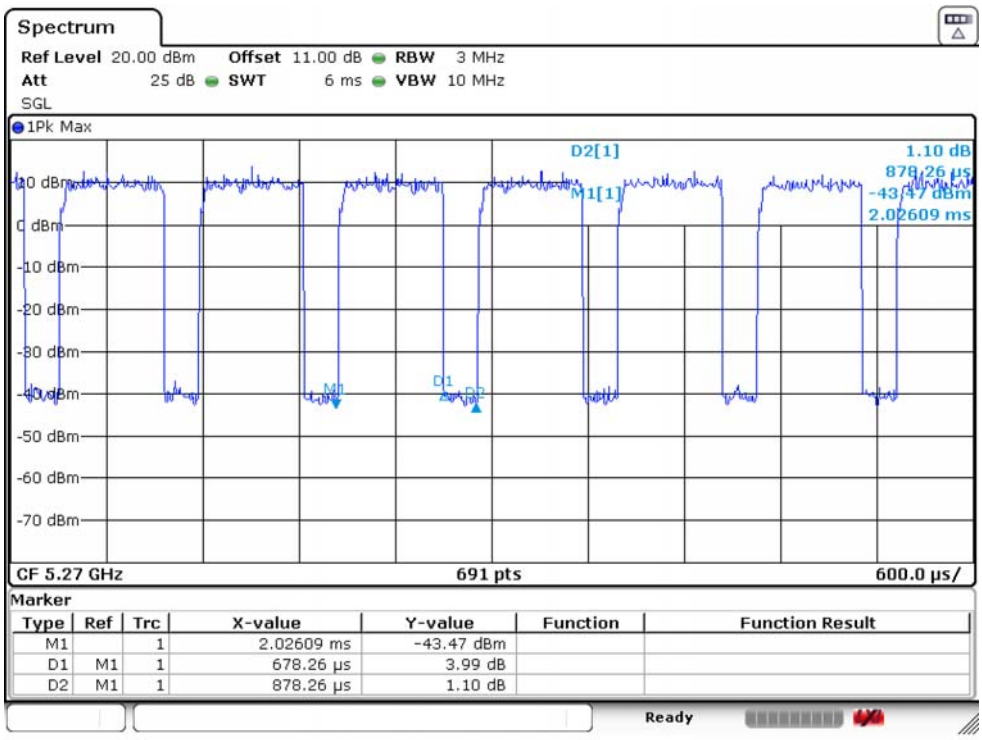
IEEE 802.11a 5260MHz



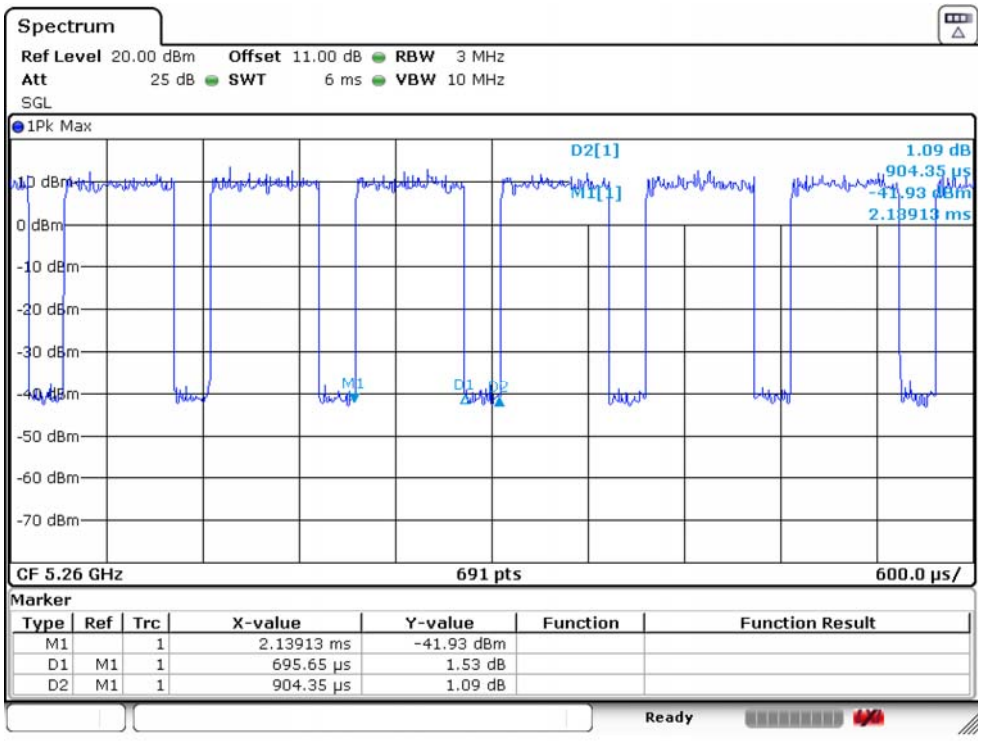
IEEE 802.11n HT20 5260MHz



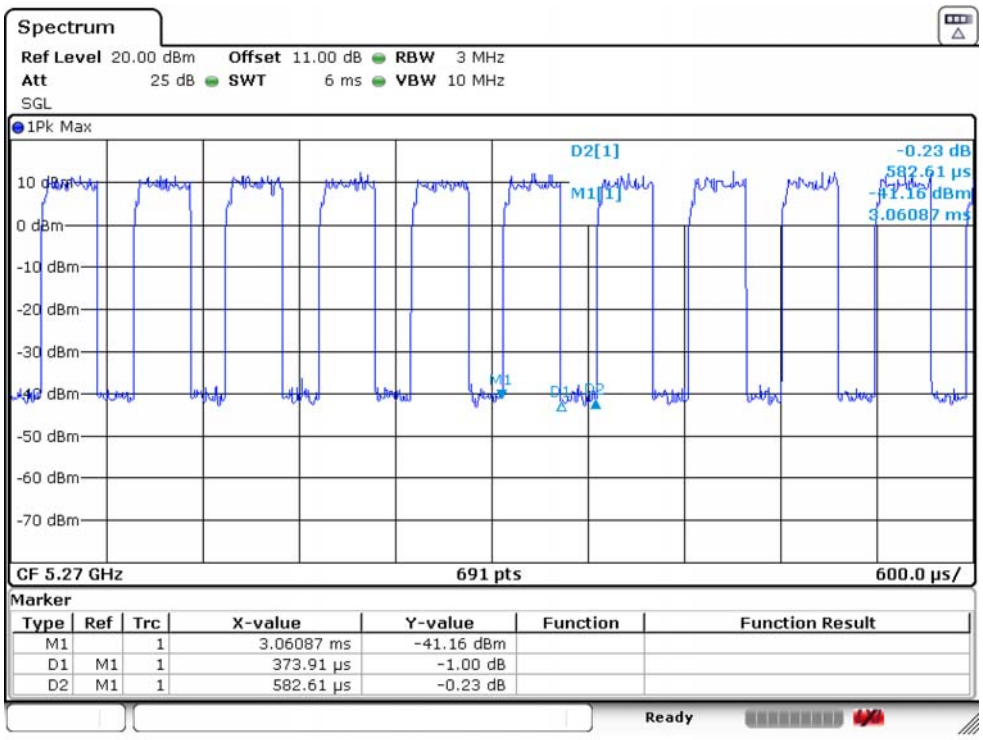
IEEE 802.11n HT40 5270MHz



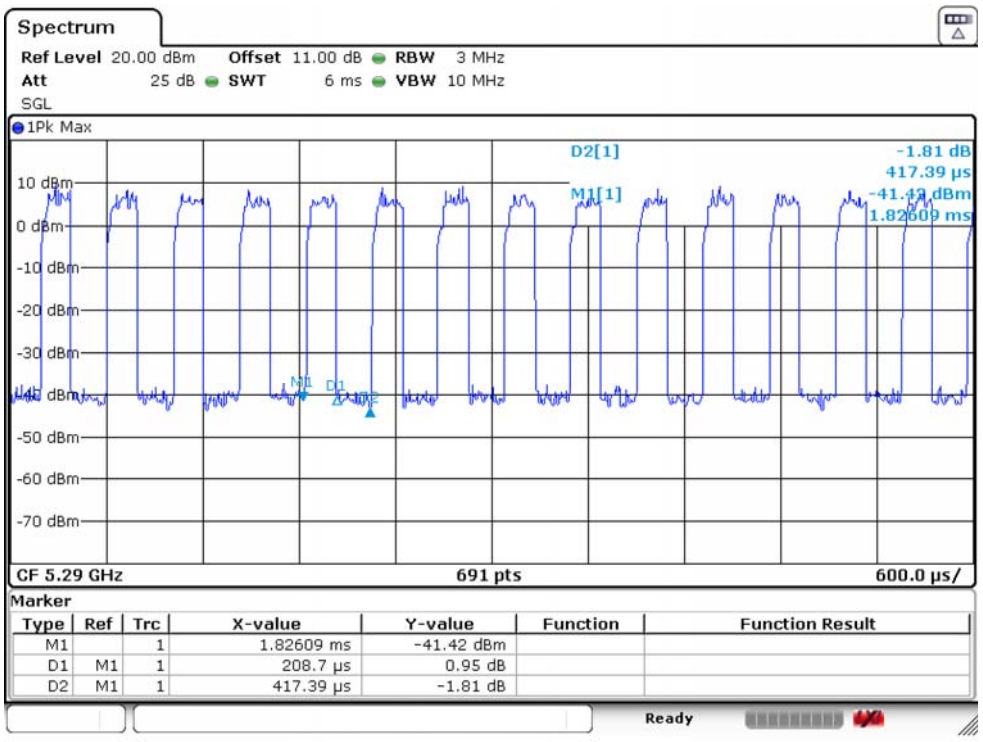
IEEE 802.11ac VHT20 5260MHz



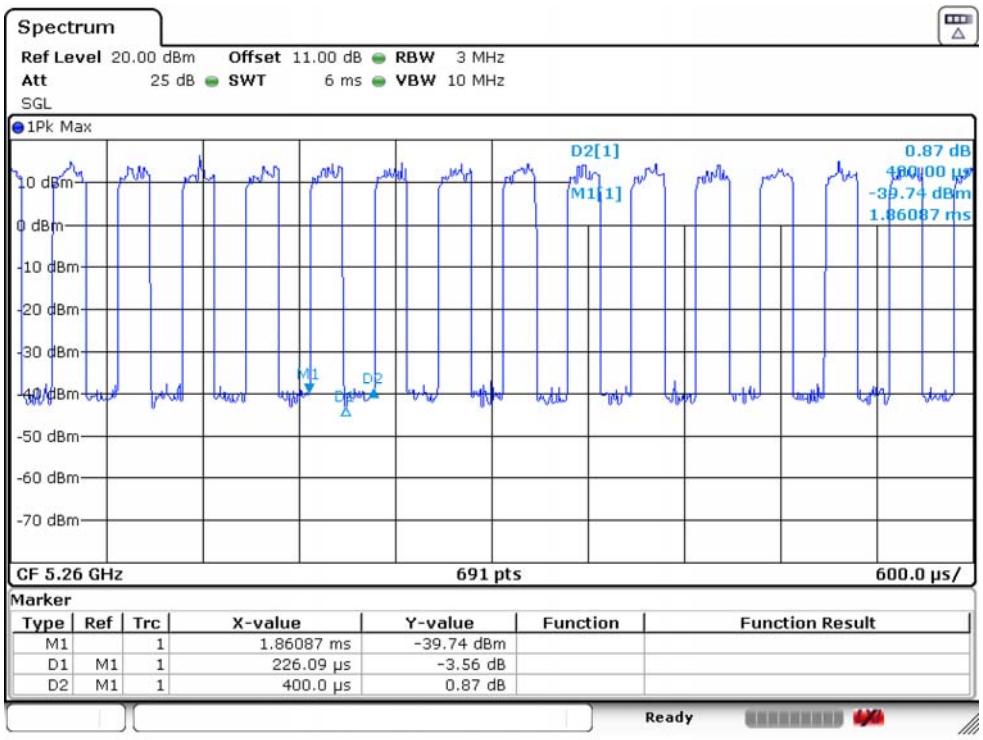
IEEE 802.11ac VHT40 5270MHz



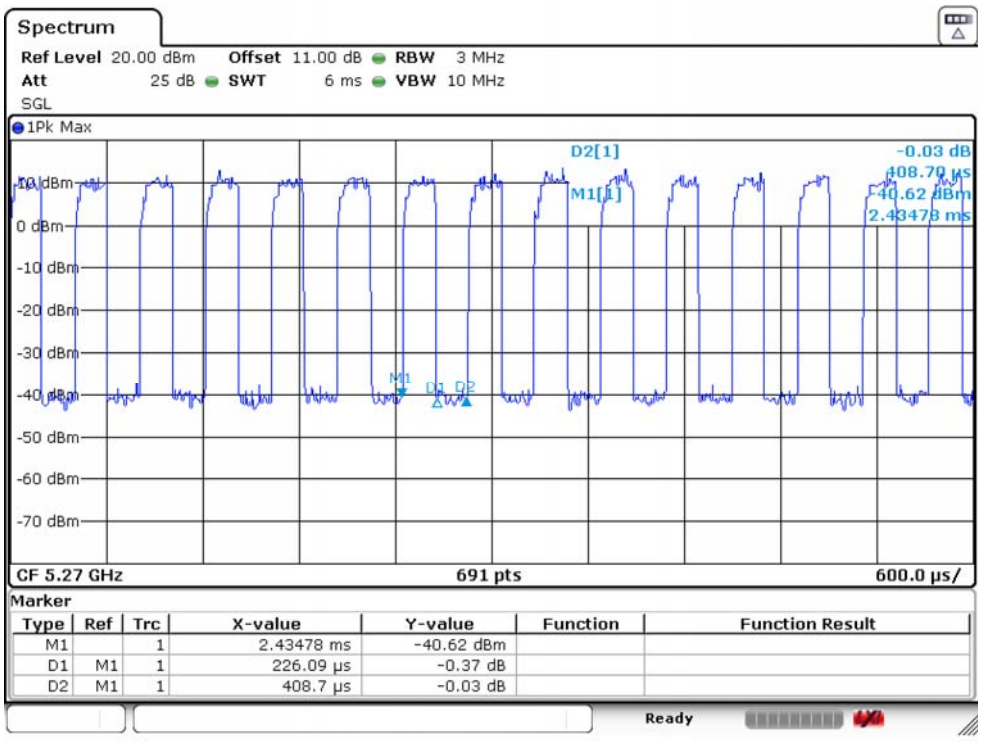
IEEE 802.11ac VHT80 5290MHz



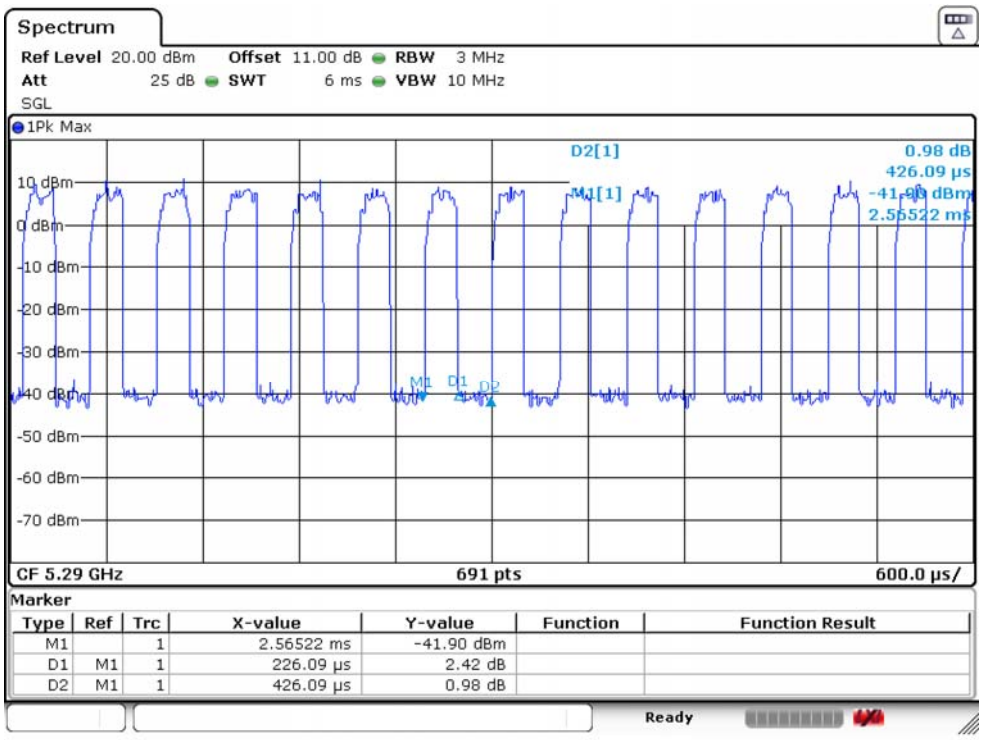
IEEE 802.11ax HE20 5260MHz



IEEE 802.11ax HE40 5270MHz



IEEE 802.11ax HE80 5290MHz



2.10. Test Equipment List

For AC power conducted emissions test						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESHS30	EST-E001	LISAI	June 13,21	1 Year
Artificial Mains Network	Rohde & Schwarz	ENV216	EST-E002	LISAI	June 13,21	1 Year
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	EST-E078	LISAI	June 13,21	1 Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A

For radiated emissions test(9KHz-30MHz)						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESR7	EST-E047	LISAI	June 13,21	1 Year
Active Loop Antenna	SCHWAREBECK	FMZB 1519B	EST-E054	LISAI	June 13,21	1 Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A
9kHz-30MHz Cable	N/A	EST-001	N/A	N/A	N/A	N/A

For radiated emissions test(30MHz-1000MHz)						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESR7	EST-E047	LISAI	June 13,21	1 Year
Bilog Antenna	Teseq	CBL 6111D	EST-E034	LISAI	June 13,21	1 Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A
30-1000MHz Cable	N/A	EST-002	N/A	N/A	N/A	N/A

For radiated emissions test(Above 1000MHz)						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
Horn Antenna	SCHWARZBECK	BBHA 9120 D	EST-E031	LISAI	June 13,21	1 Year
Signal Amplifier	SCHWARZBECK	BBV9718	EST-E032	LISAI	June 13,21	1 Year
Spectrum Analyzer	Rohde &Schwarz	FSV40	EST-E069	LISAI	July 19,21	1 Year
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A
Above 1GHz Cable	N/A	EST-003	N/A	N/A	N/A	N/A

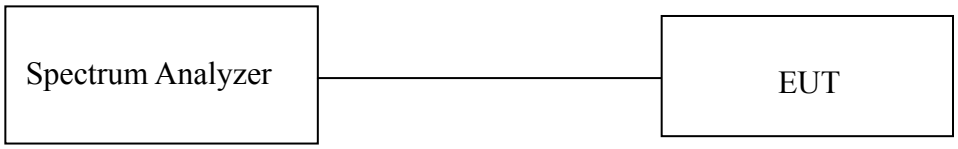
For connect EUT antenna terminal test						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
TS 8997	Rohde &Schwarz	/	/	/	/	/
Open Switch and Control Unit	Rohde &Schwarz	OSP-B157WB	EST-E036	LISAI	June 13,21	1Year
Signal and Spectrum Analyzer	Rohde &Schwarz	FSV	EST-E037	LISAI	June 13,21	1 Year
Signal Generator	Rohde &Schwarz	SMB100A	EST-E038	LISAI	June 13,21	1 Year
Vector Signal Generator	Rohde &Schwarz	SMBV100A	EST-E039	LISAI	June 13,21	1Year
Test Software	Rohde &Schwarz	WMS32	V10.50.00	N/A	N/A	N/A
Temperature controller	Terchy	MHQ	EST-E101	LISAI	June 13,21	1 Year

3. 26DB BANDWIDTH & 99% OCCUPIED BANDWIDTH

3.1. Limit

Band	Frequency (MHz)	Test Item	Limit
U-NII-1	5150-5250	26dB Bandwidth&99% Occupied Bandwidth	N/A
U-NII-2A	5250-5350	26dB Bandwidth&99% Occupied Bandwidth	N/A
U-NII-2C	5470-5725	26dB Bandwidth&99% Occupied Bandwidth	N/A
U-NII-3	5725-5850	6dB Bandwidth&99% Occupied Bandwidth	6dB Bandwidth≥500KHz

3.2. Test Setup



3.3. Spectrum Analyzer Setting

6dB Bandwidth	
Spectrum Parameters	Setting
RBW	100KHz
VBW	300KHz
Span	40MHz(20MHz Bandwidth mode) 60MHz(40MHz Bandwidth mode) 120MHz(80MHz Bandwidth mode)
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

26dB Bandwidth	
Spectrum Parameters	Setting
RBW	approximately 1% of the emission bandwidth
VBW	＞RBW
Span	40MHz(20MHz Bandwidth mode) 60MHz(40MHz Bandwidth mode) 120MHz(80MHz Bandwidth mode)
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

99% Occupied Bandwidth	
Spectrum Parameters	Setting
RBW	1% to 5% of the OBW
VBW	approximately three times the RBW
Span	between 1.5 times and 5.0 times the OBW
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

3.4. Test Procedure

For 26dB Bandwidth Measurement :

a. Connect EUT antenna terminal to the spectrum analyzer with RF cable.
b. Spectrum analyzer setting parameters in accordance with section 3.3.
c. Set the EUT transmit continuously with maximum output power.
d. Allow trace to stabilize, measure the maximum width of the emission that is 26 dB down from the peak of the emission.Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
e. Repeat above procedures until all modes and channels were measured.
f. Record the results in the test report.

For 6dB Bandwidth Measurement :

a. Connect EUT antenna terminal to the spectrum analyzer with RF cable.
b. Spectrum analyzer setting parameters in accordance with section 3.3.
c. Set the EUT transmit continuously with maximum output power.
d. Allow trace to stabilize, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.
e. Repeat above procedures until all modes and channels were measured.
f. Record the results in the test report.

For 99% Occupied Bandwidth Measurement :

a. Connect EUT antenna terminal to the spectrum analyzer with RF cable.
b. Spectrum analyzer setting parameters in accordance with section 3.3.
c. Set the EUT transmit continuously with maximum output power.
d. Allow trace to stabilize, use the 99% power bandwidth function to measure bandwidth.
e. Repeat above procedures until all modes and channels were measured.
f. Record the results in the test report.

3.5. Test Result

Temperature	23.6℃	Relative Humidity	56%	Test Voltage	DC 3.3V
26dB Bandwidth&99% Occupied Bandwidth					
AND	Test Mode	Fre (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth（MHz）	Output Power Limit (W)	Output Power Limit (dBm)
U-NII-2A	IEEE 802.11a	5260	24.486	17.771	0.2500	23.98
		5300	25.818	17.540	0.2500	23.98
		5320	24.891	17.192	0.2500	23.98
	IEEE 802.11n HT20	5260	26.107	18.640	0.2500	23.98
		5300	26.223	18.698	0.2500	23.98
		5320	25.876	18.524	0.2500	23.98
	IEEE 802.11ac VHT20	5260	25.876	18.466	0.2500	23.98
		5300	26.165	18.177	0.2500	23.98
		5320	24.718	18.292	0.2500	23.98
	IEEE 802.11ax HE20	5260	24.023	19.161	0.2500	23.98
		5300	22.113	19.219	0.2500	23.98
		5320	22.229	19.103	0.2500	23.98
	IEEE 802.11n HT40	5270	40.520	36.700	0.2500	23.98
		5310	40.520	36.469	0.2500	23.98
	IEEE 802.11ac VHT40	5270	40.410	36.469	0.2500	23.98
		5310	40.520	36.237	0.2500	23.98
	IEEE 802.11ax HE40	5270	39.710	37.627	0.2500	23.98
		5310	39.710	37.511	0.2500	23.98
	IEEE 802.11ac VHT80	5290	80.350	75.022	0.2500	23.98
	IEEE 802.11ax HE80	5290	80.580	76.643	0.2500	23.98

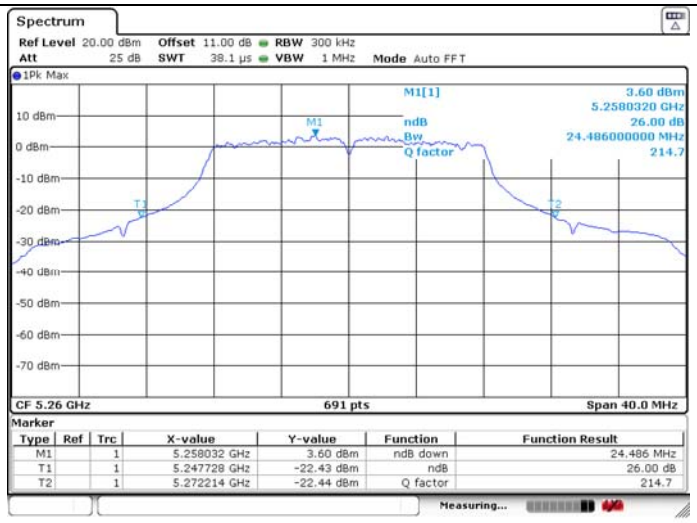
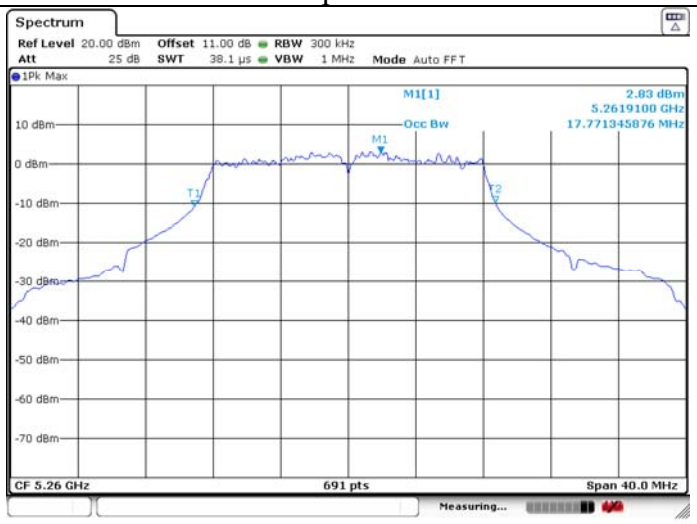
BAND	Test Mode	Fre (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth （MHz）	Output Power Limit (W)	Output Power Limit (dBm)
U-NII-2C	IEEE 802.11a	5500	24.660	17.598	0.2500	23.98
		5580	25.991	17.540	0.2500	23.98
		5700	23.849	17.192	0.2500	23.98
	IEEE 802.11n HT20	5500	26.281	18.755	0.2500	23.98
		5580	26.165	18.292	0.2500	23.98
		5700	25.760	18.755	0.2500	23.98
	IEEE 802.11ac VHT20	5500	24.428	18.292	0.2500	23.98
		5580	25.528	18.871	0.2500	23.98
		5700	26.165	18.119	0.2500	23.98
	IEEE 802.11n HT40	5510	40.290	36.237	0.2500	23.98
		5590	40.520	36.469	0.2500	23.98
		5670	40.410	36.353	0.2500	23.98
	IEEE 802.11ac VHT40	5510	40.520	36.237	0.2500	23.98
		5590	40.640	36.122	0.2500	23.98
		5670	40.170	36.122	0.2500	23.98
	IEEE 802.11ac VHT80	5530	79.880	75.282	0.2500	23.98
		5610	79.880	75.282	0.2500	23.98
	IEEE 802.11ax HE20	5500	22.287	19.045	0.2500	23.98
		5580	24.197	19.045	0.2500	23.98
		5700	24.313	19.103	0.2500	23.98
	IEEE 802.11ax HE40	5510	39.590	37.626	0.2500	23.98
		5590	39.710	37.626	0.2500	23.98
		5670	39.710	37.510	0.2500	23.98
	IEEE 802.11ax HE80	5530	80.580	76.411	0.2500	23.98
		5610	80.350	76.643	0.2500	23.98

Note :

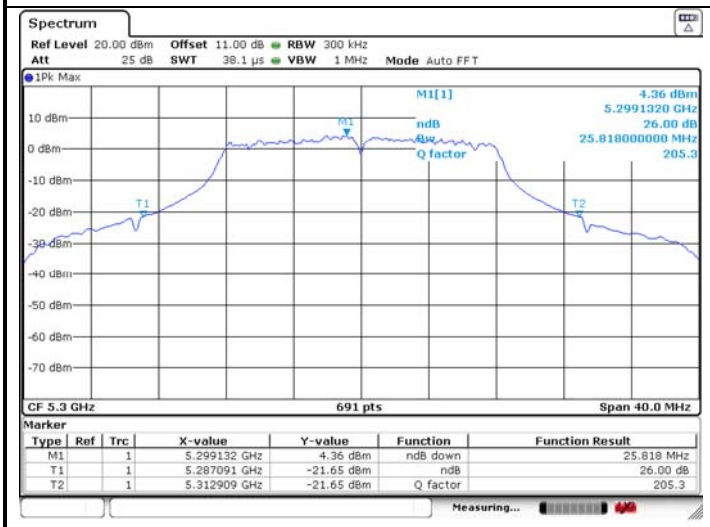
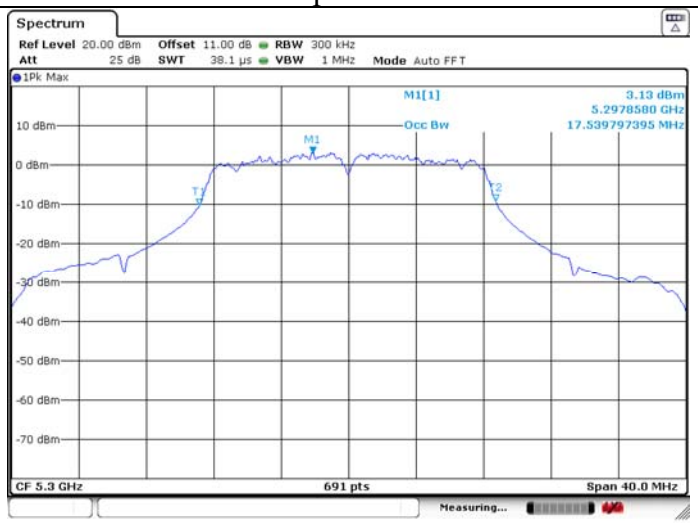
For Band U-NII-2A and U-NII-2C,the maximum conducted output power limit is 250mw or 11+10×Log B, which is lesser,where B is the 26dB Bandwidth in MHz.So in this section,the maximum conducted output power limit can calculate with 26dB Bandwidth.

3.6. Test Result

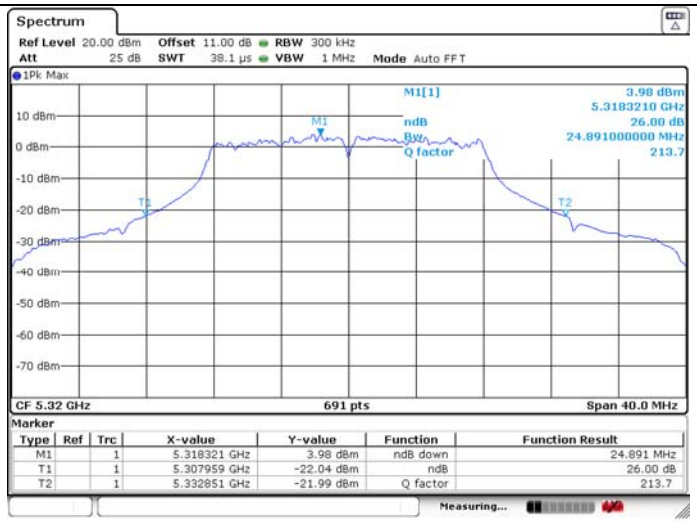
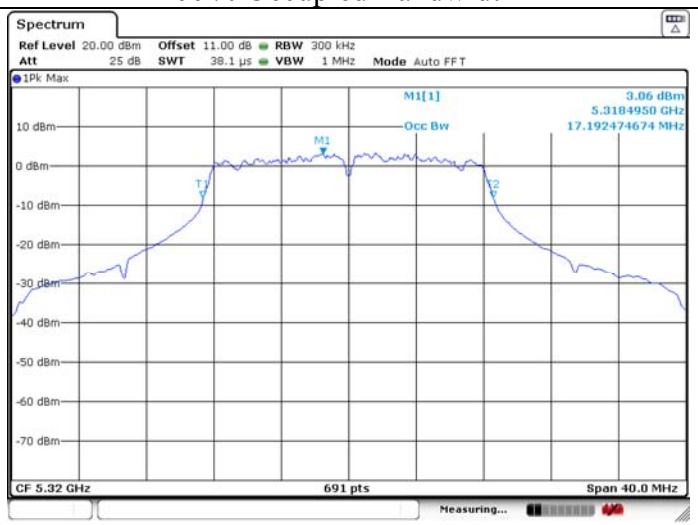
U-NII-2A IEEE 802.11a 5260MHz

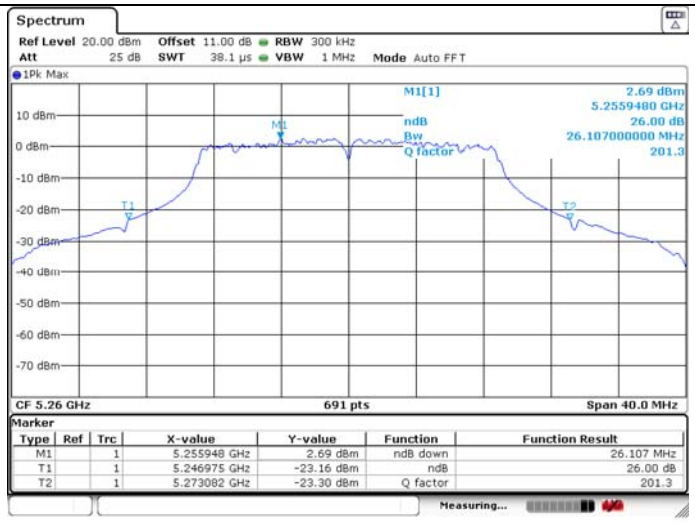
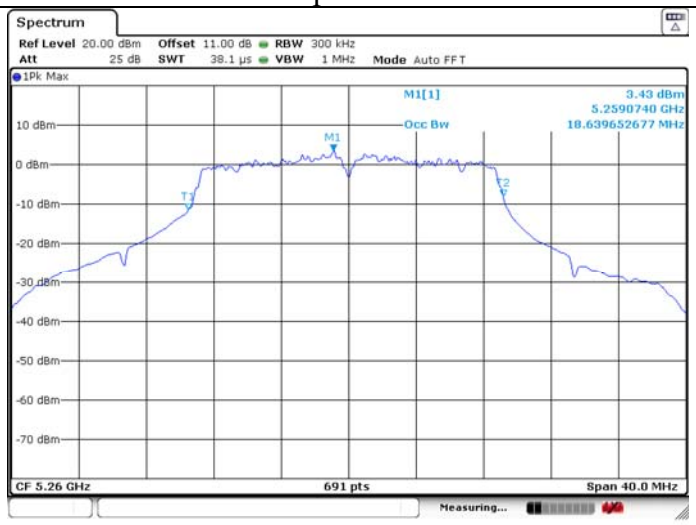
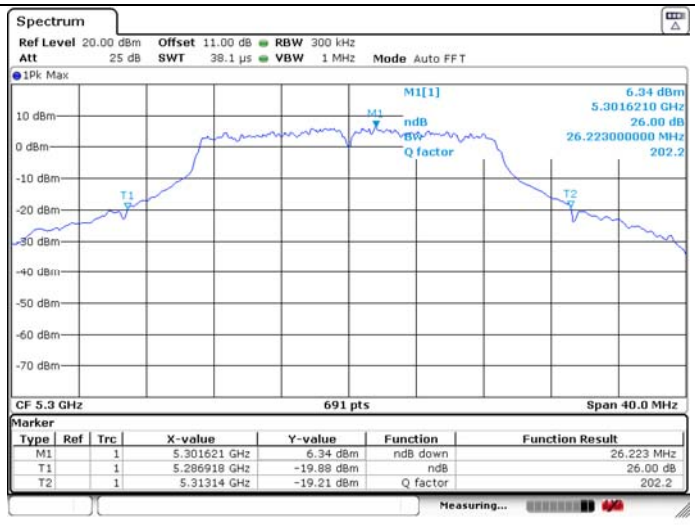
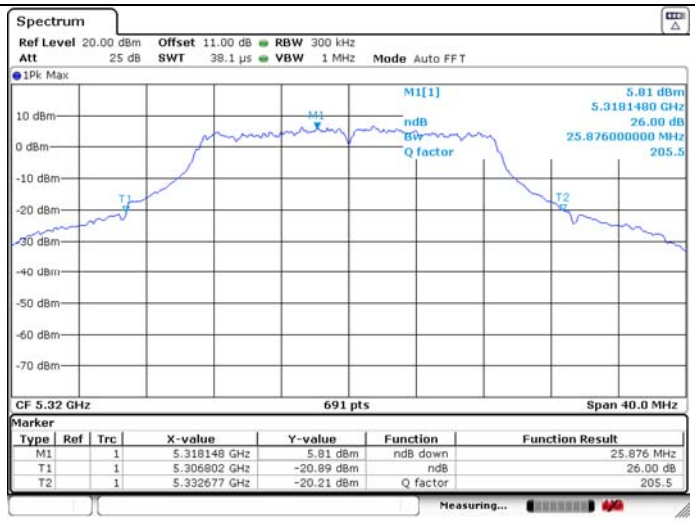
26dB Bandwidth	99% Occupied Bandwidth
	

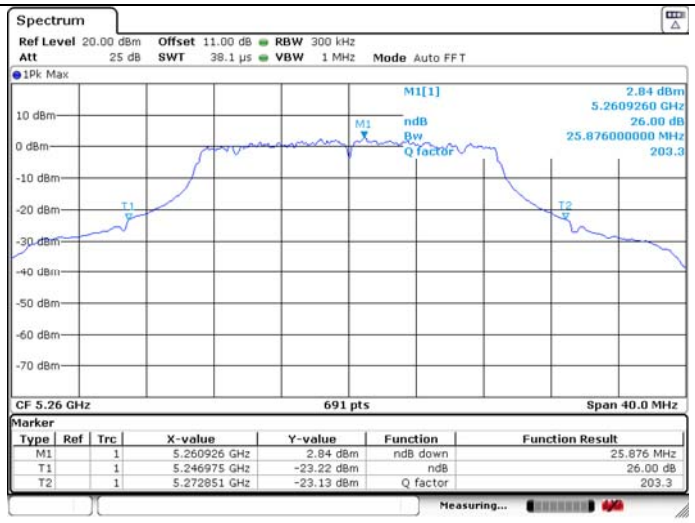
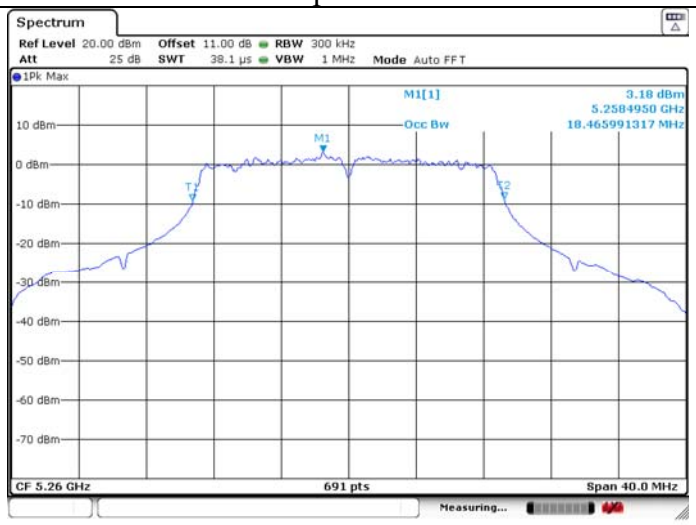
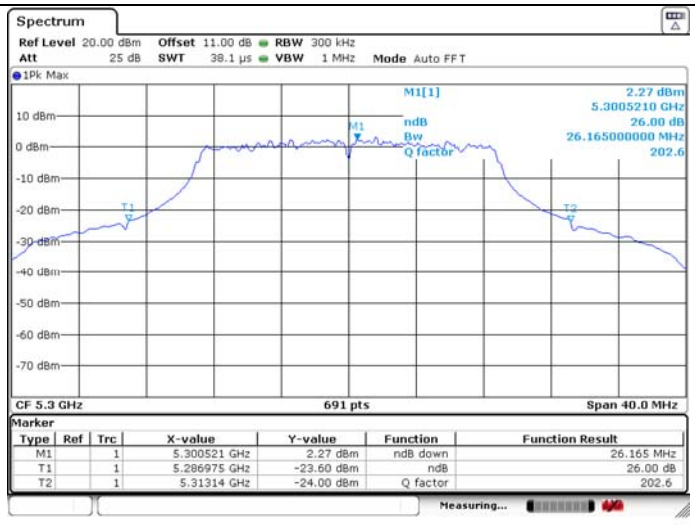
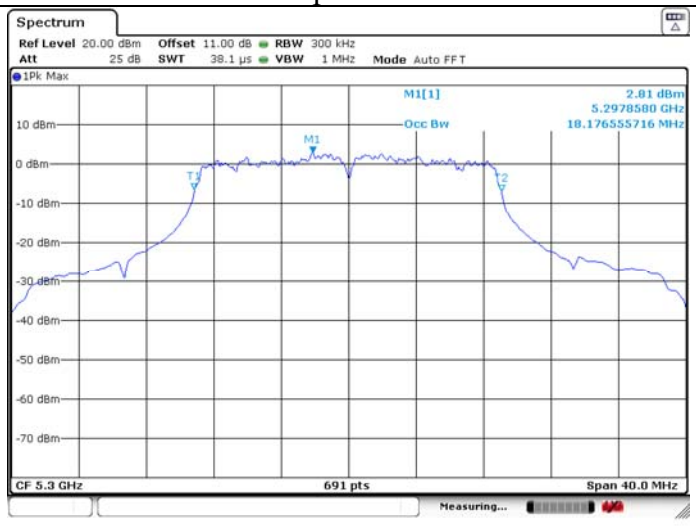
U-NII-2A IEEE 802.11a 5300MHz

26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-2A IEEE 802.11a 5320MHz

26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-2A IEEE 802.11n HT20 5260MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2A IEEE 802.11n HT20 5300MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2A IEEE 802.11n HT20 5320MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-2A IEEE 802.11ac VHT20 5260MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2A IEEE 802.11ac VHT20 5300MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
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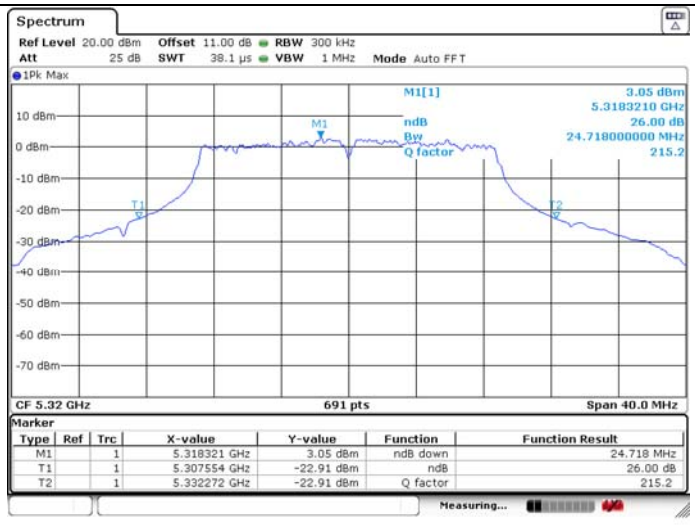
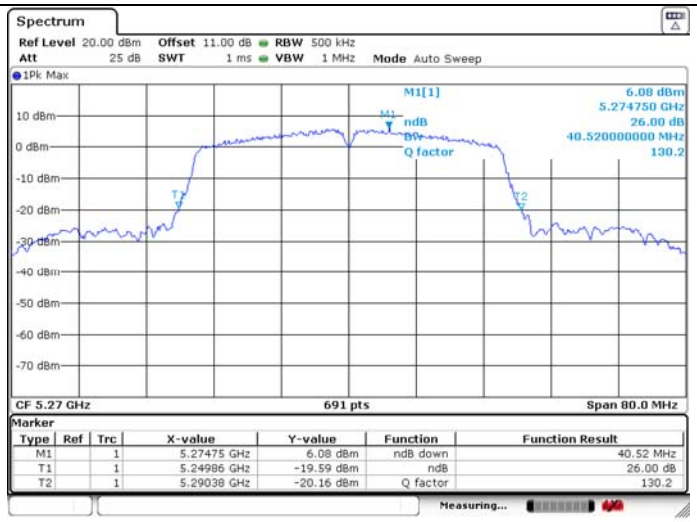
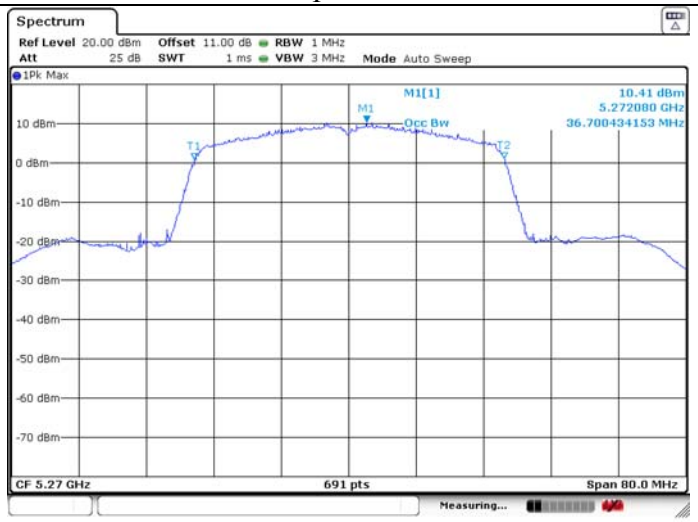
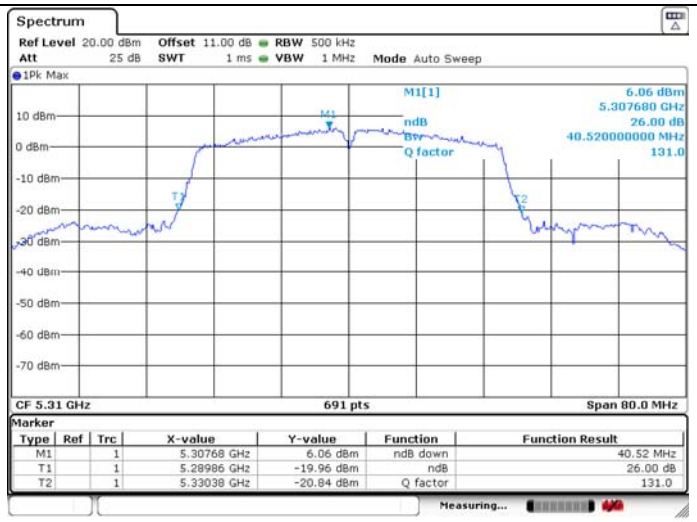
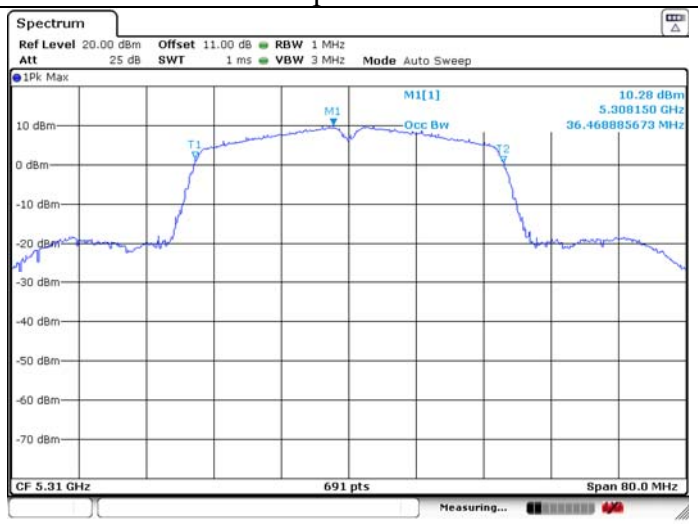
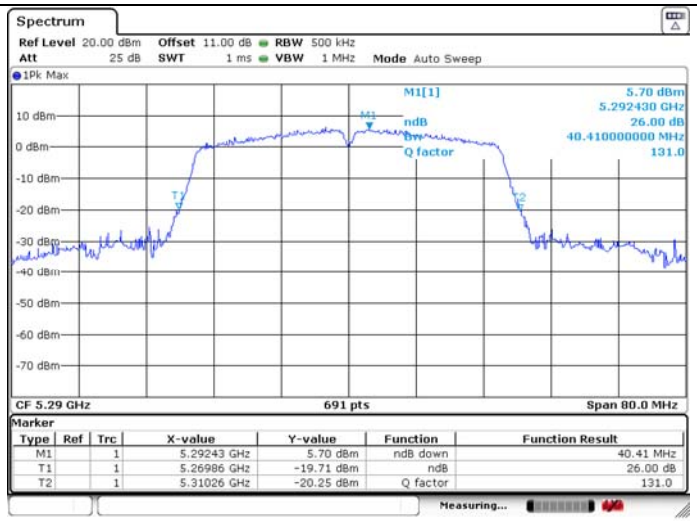
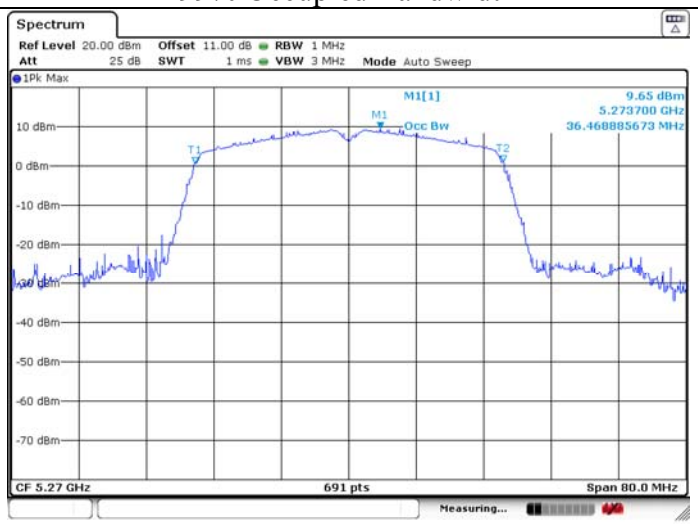
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-2A IEEE 802.11n HT40 5270MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2A IEEE 802.11n HT40 5310MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2A IEEE 802.11ac VHT40 5270MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

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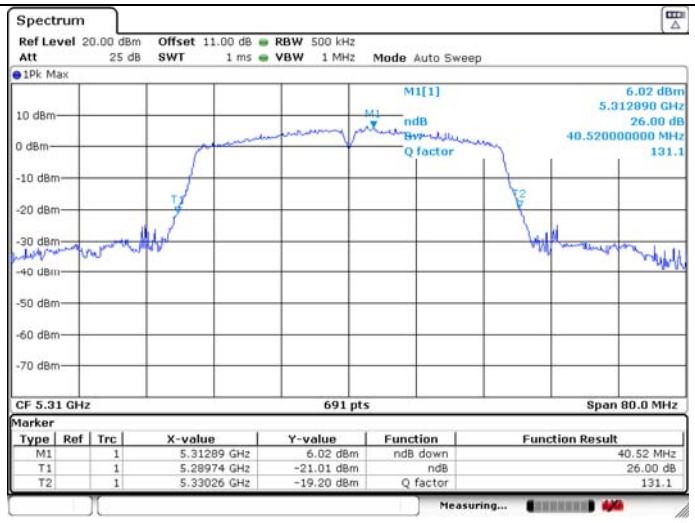	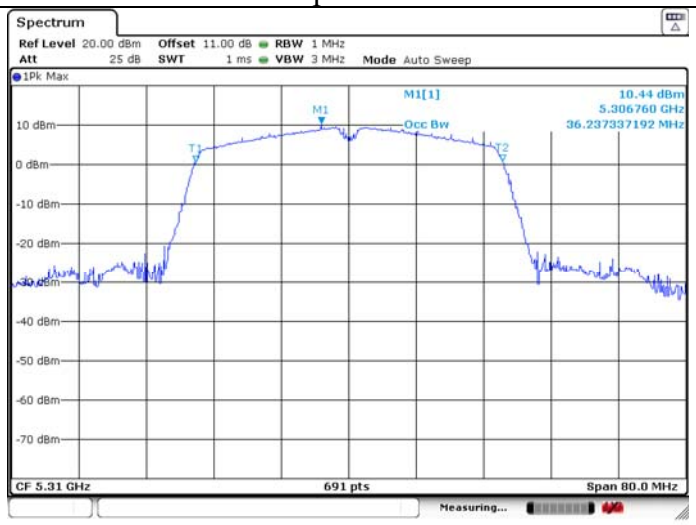
U-NII-2A IEEE 802.11ac VHT80 5290MHz	
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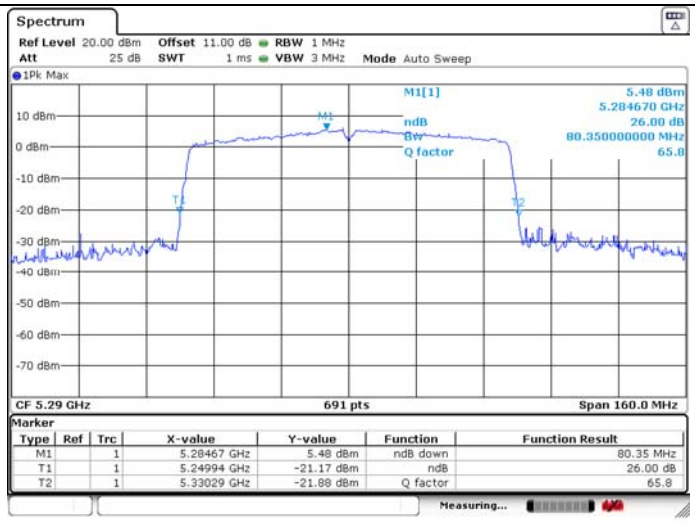
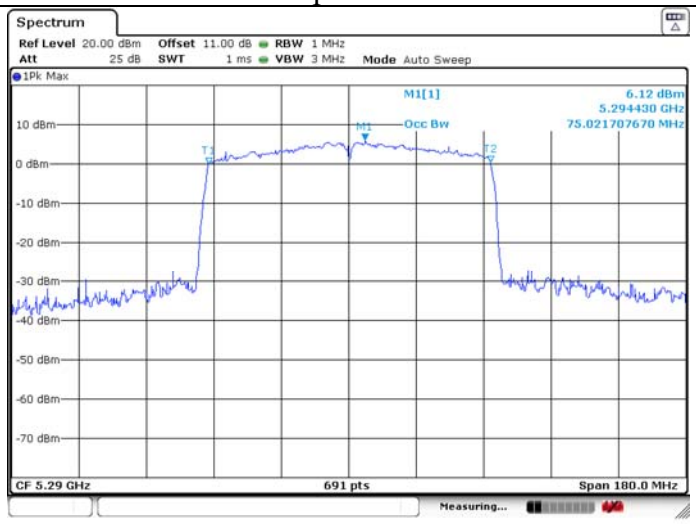
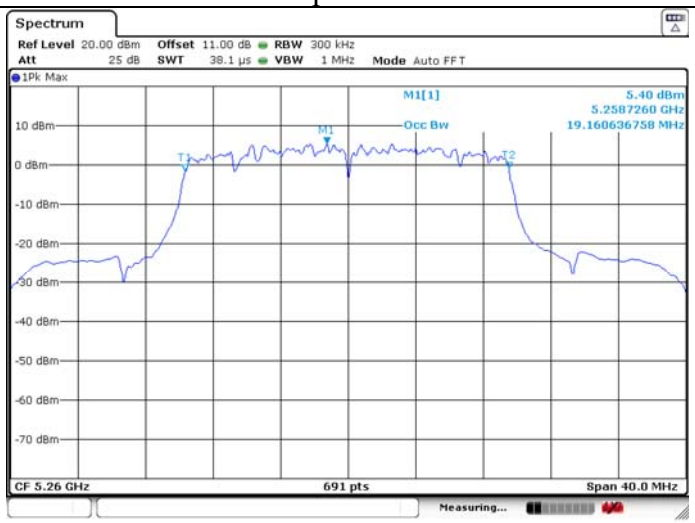
	

U-NII-2A IEEE 802.11ax HE20 5260MHz_Ant 1	
26dB Bandwidth	99% Occupied Bandwidth
	
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	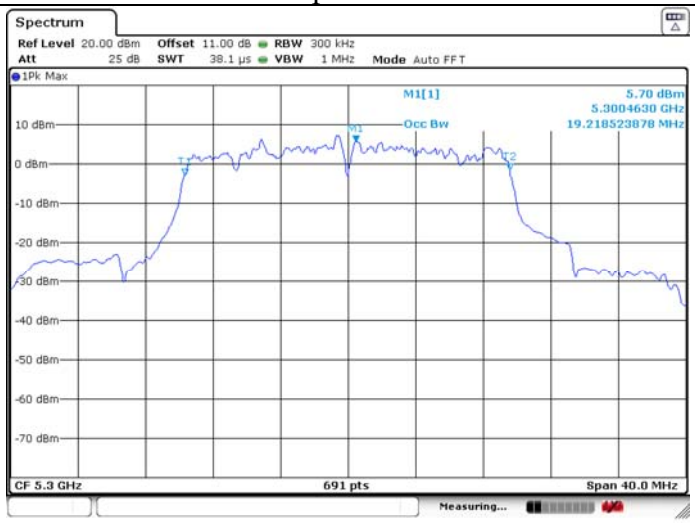
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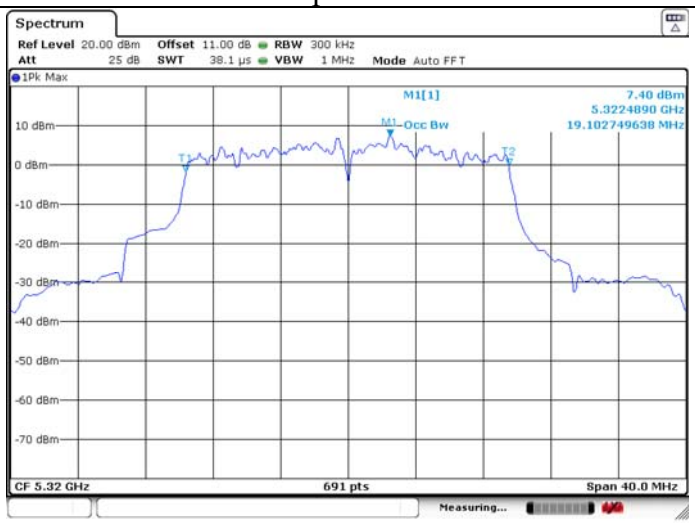
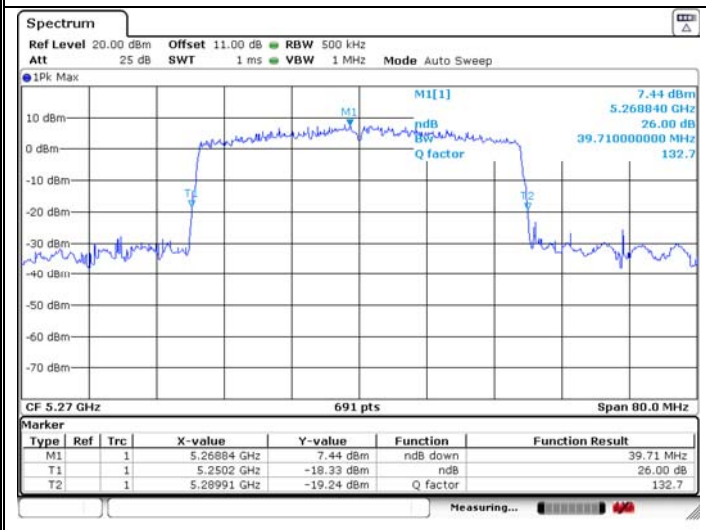
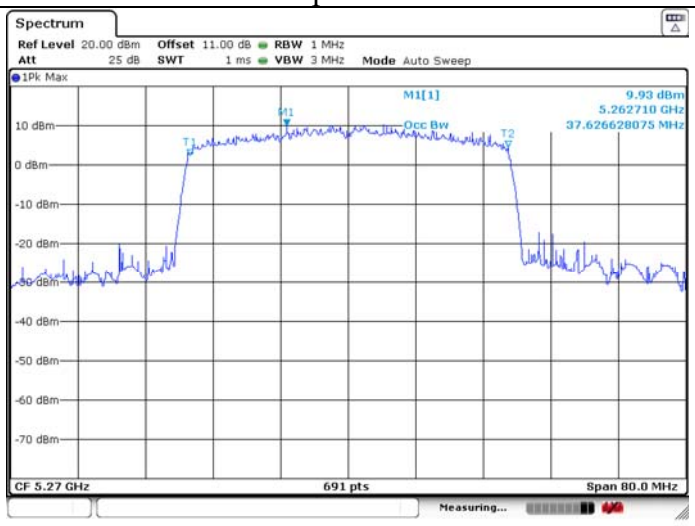
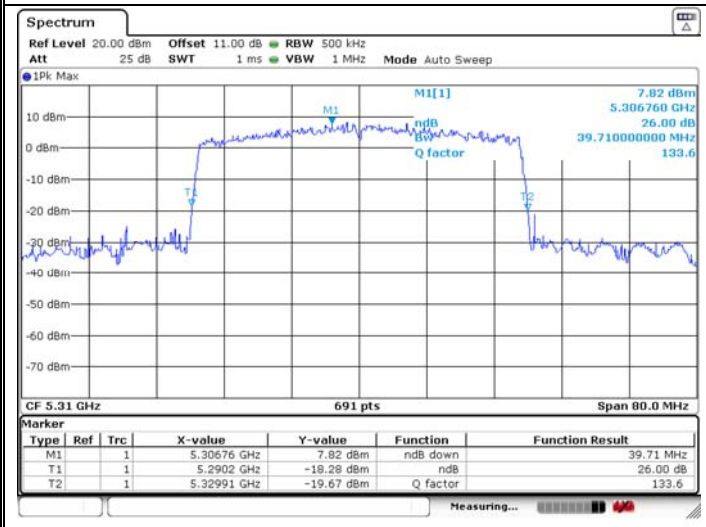
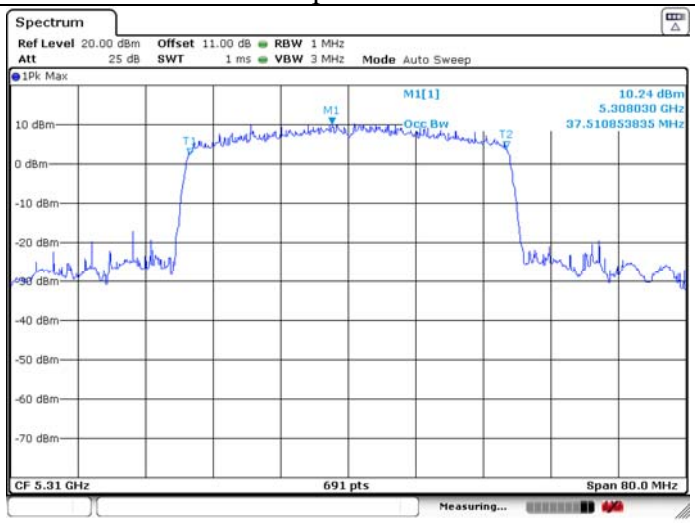
	

U-NII-2A IEEE 802.11ax HE40 5270MHz_Ant 1	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2A IEEE 802.11ax HE40 5310MHz_Ant 1	
26dB Bandwidth	99% Occupied Bandwidth
	
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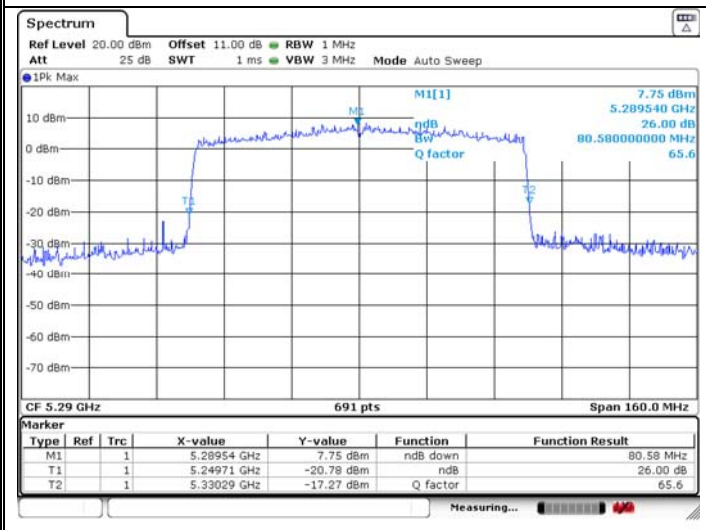
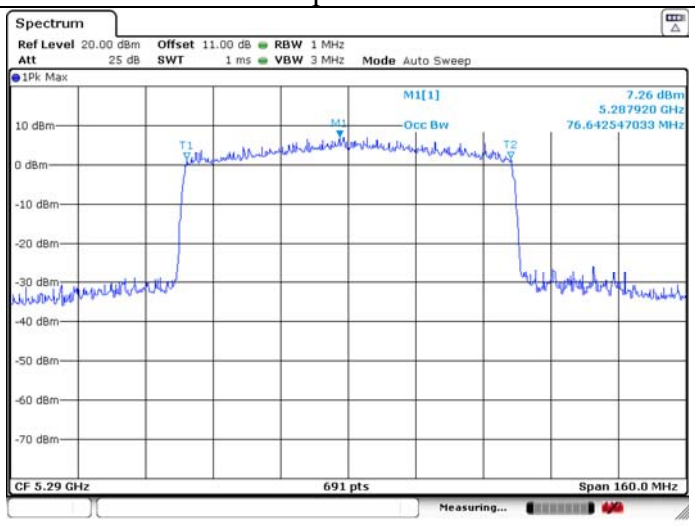
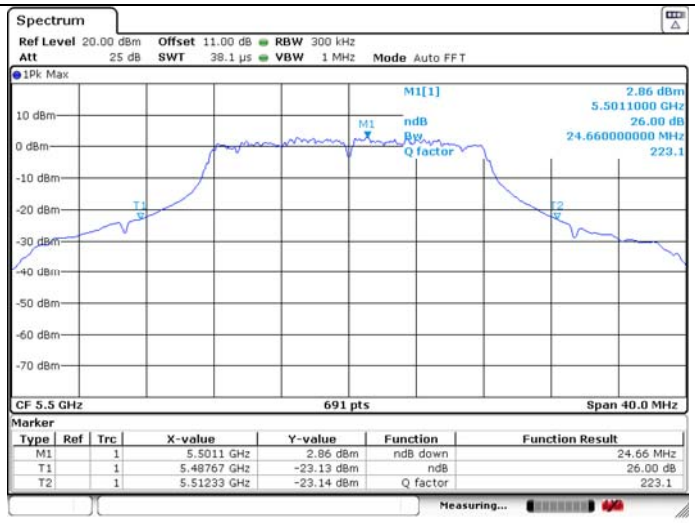
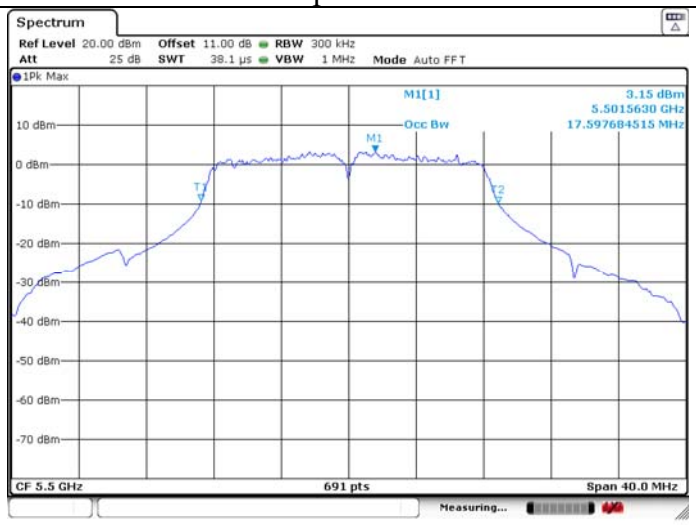
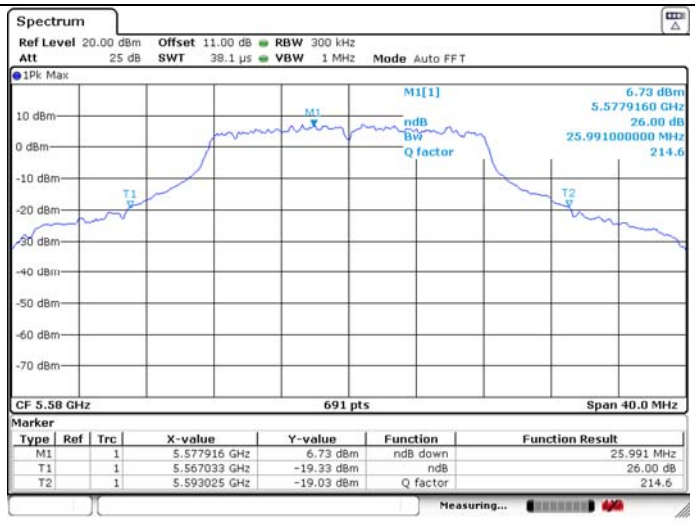
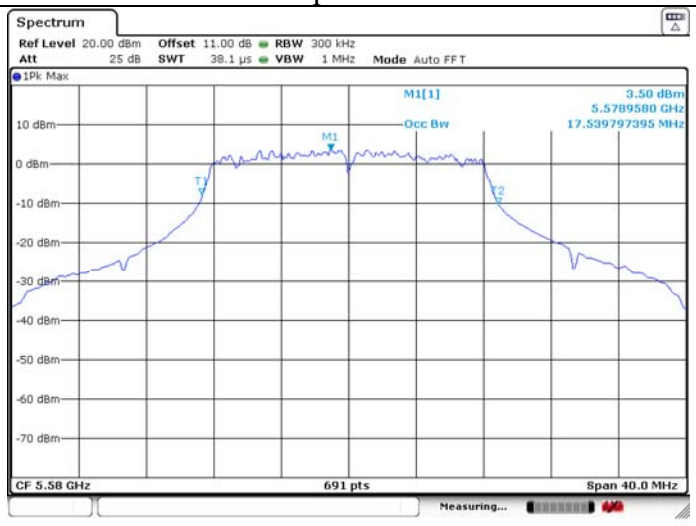
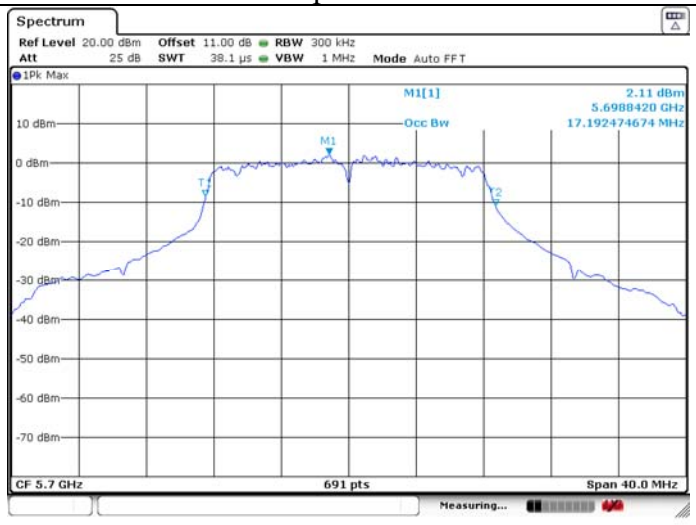
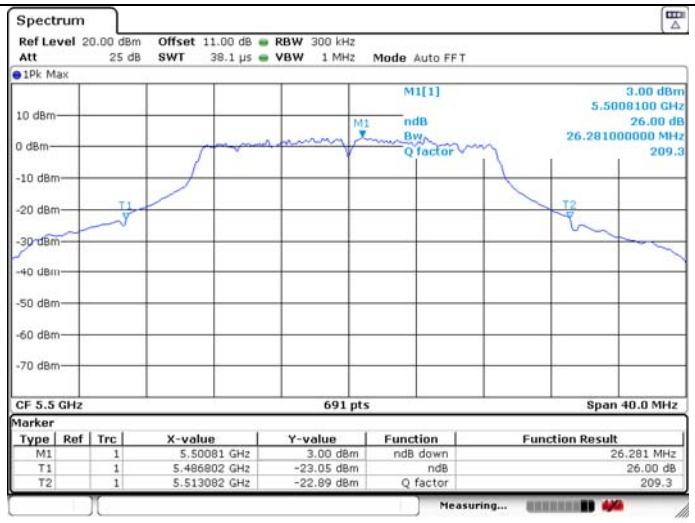
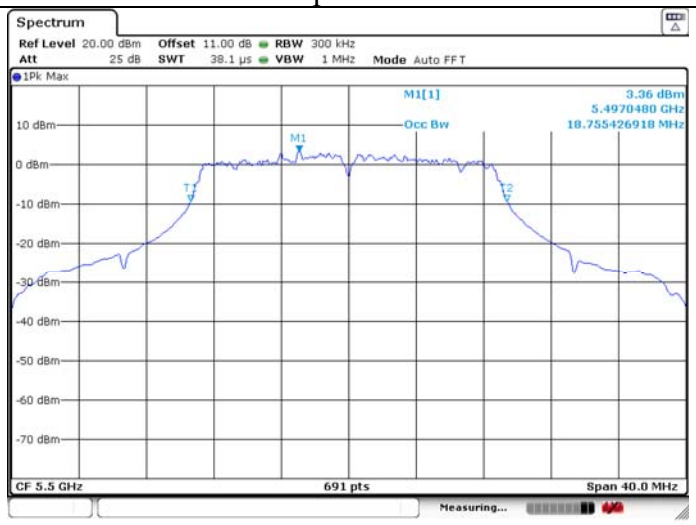
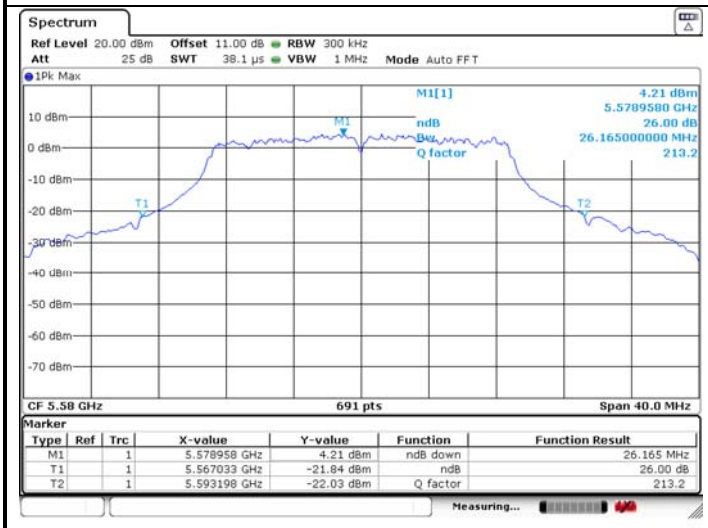
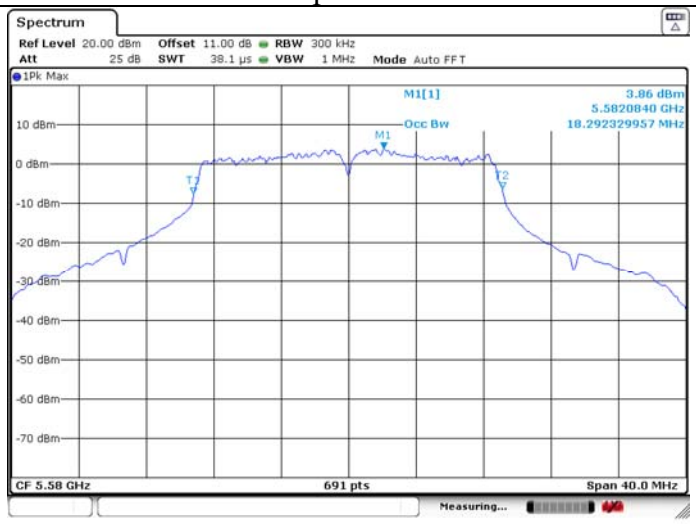
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-2C IEEE 802.11a 5500MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11a 5580MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11a 5700MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-2C IEEE 802.11n HT20 5500MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11n HT20 5580MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
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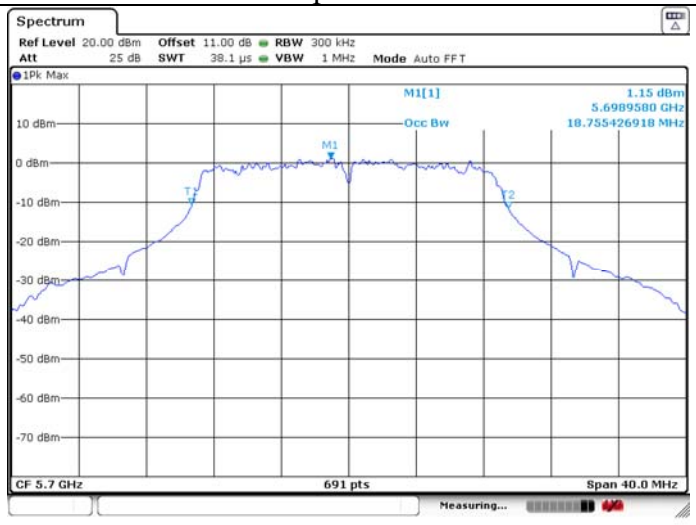
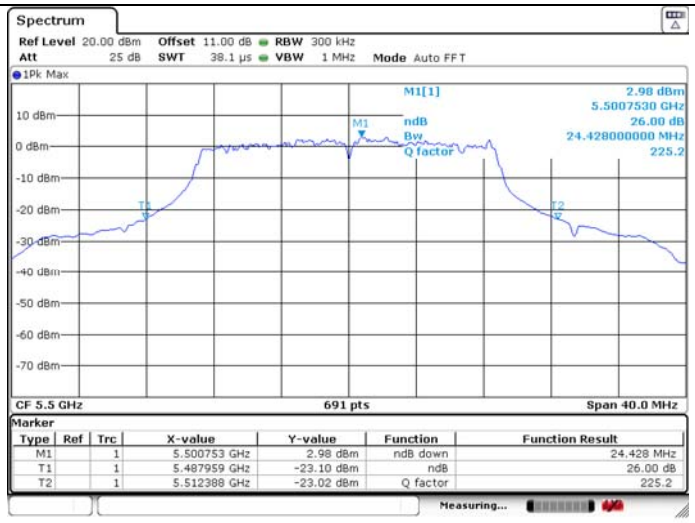
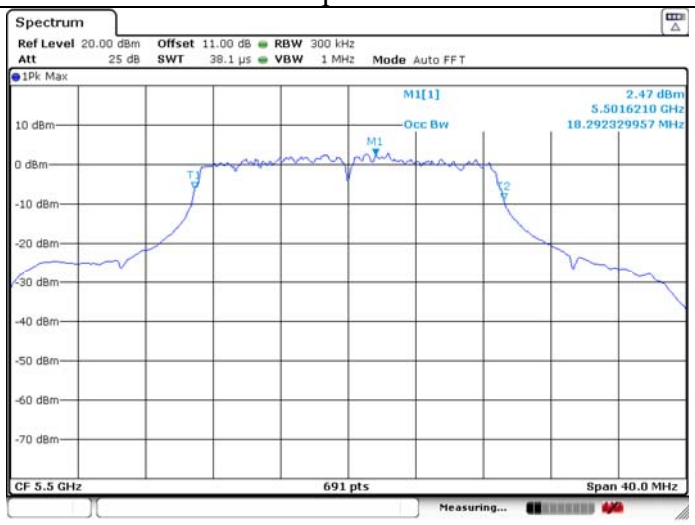
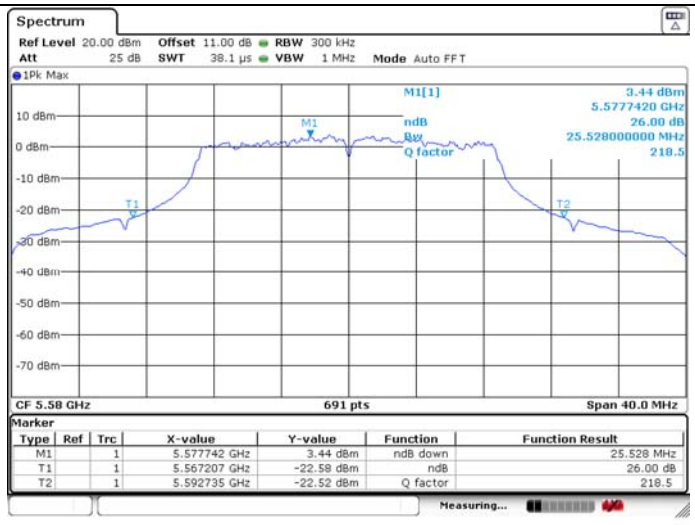
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-2C IEEE 802.11ac VHT20 5500MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11ac VHT20 5580MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
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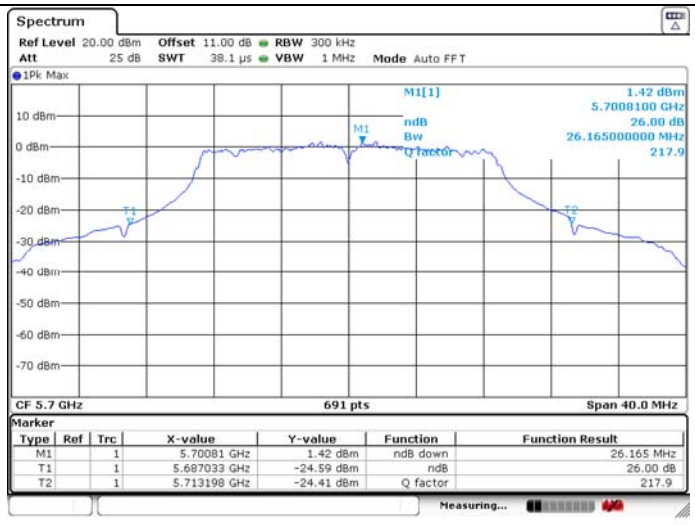
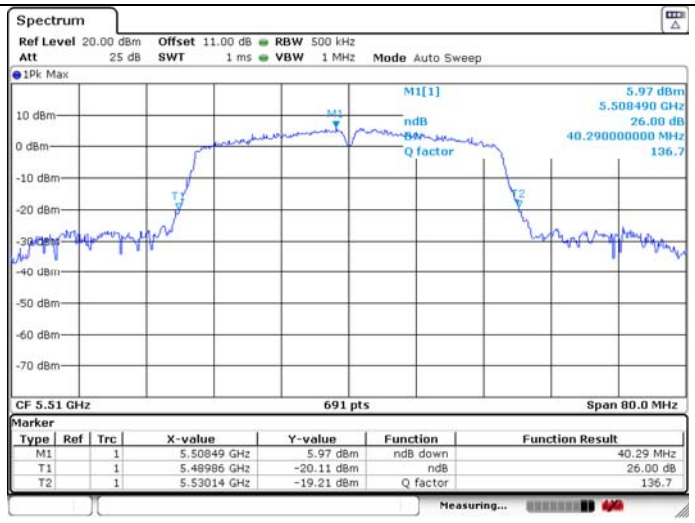
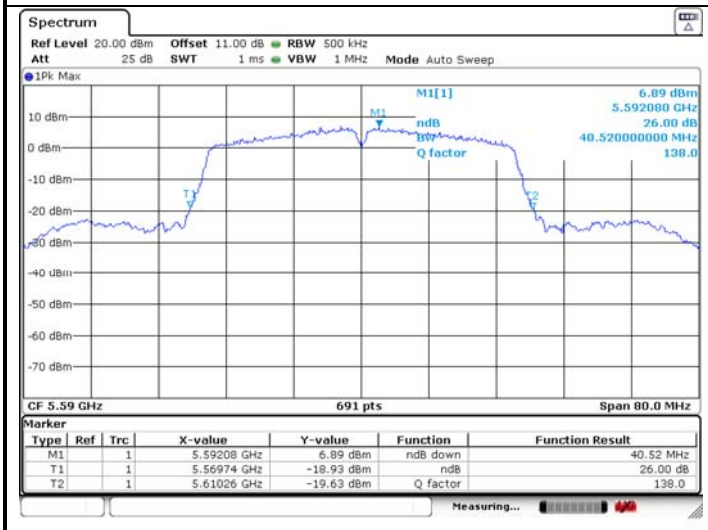
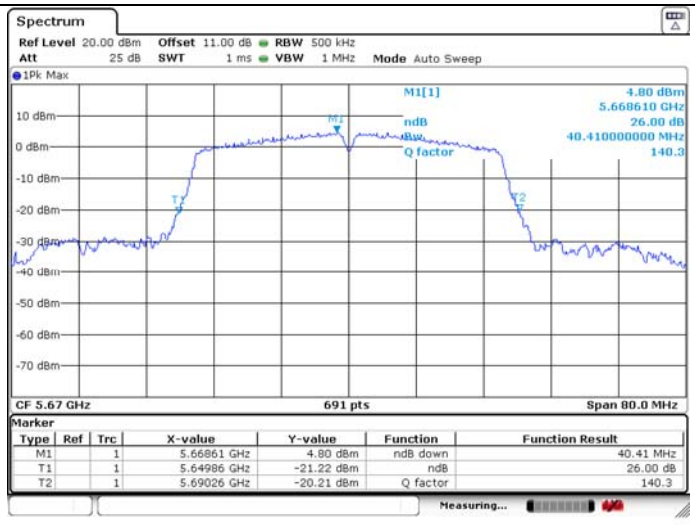
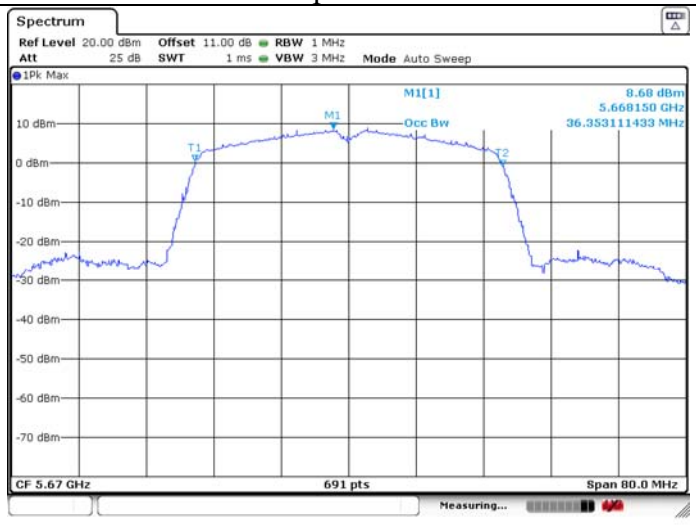
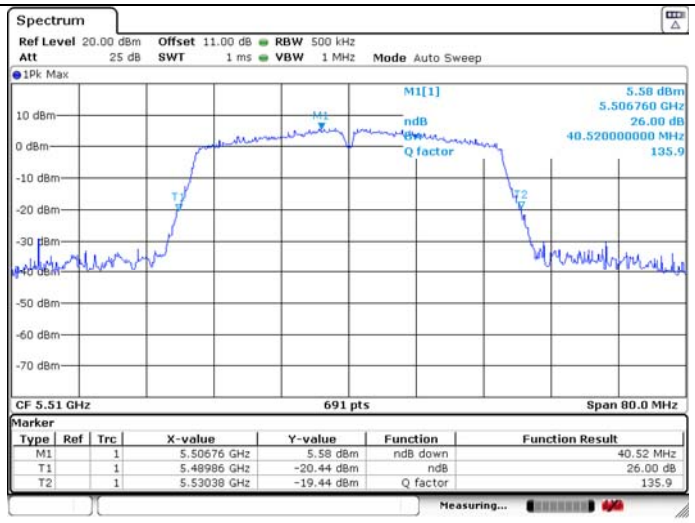
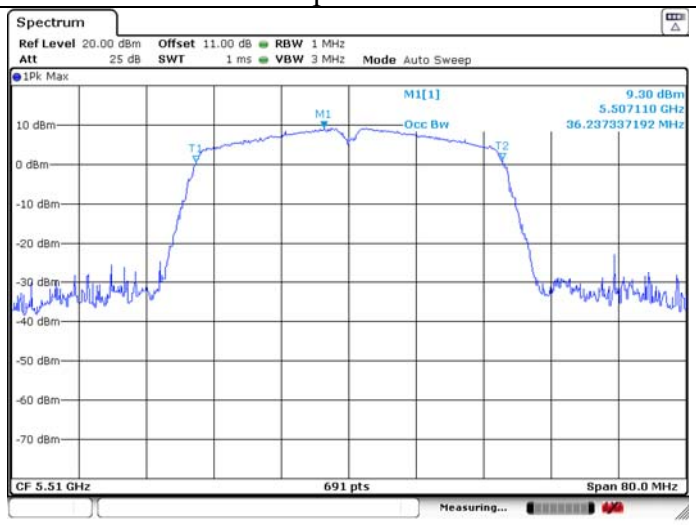
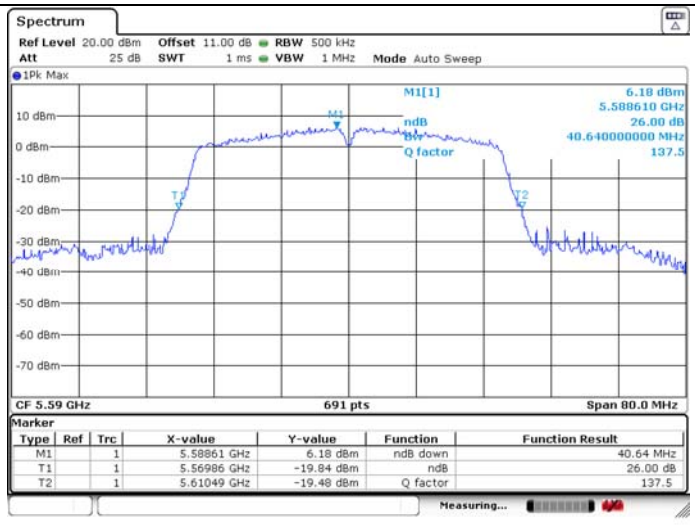
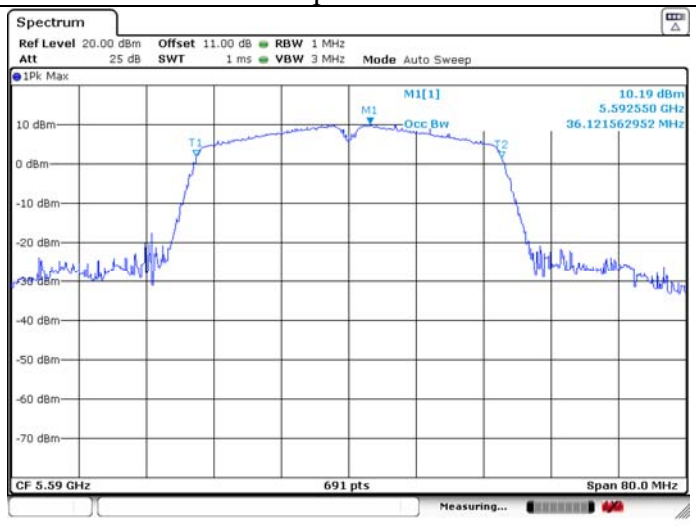
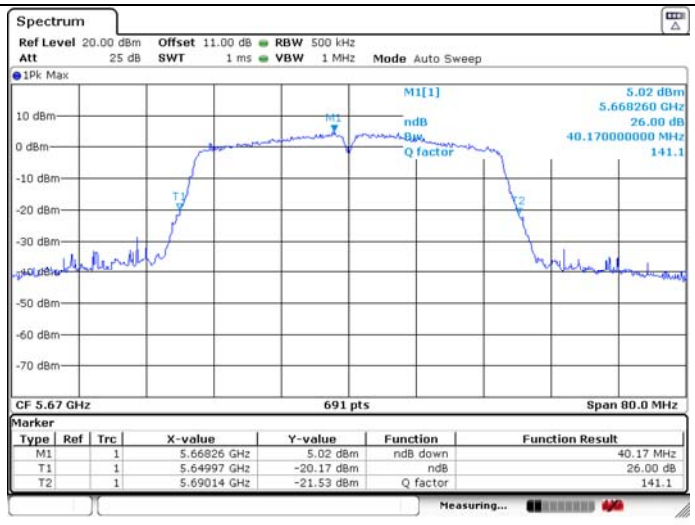
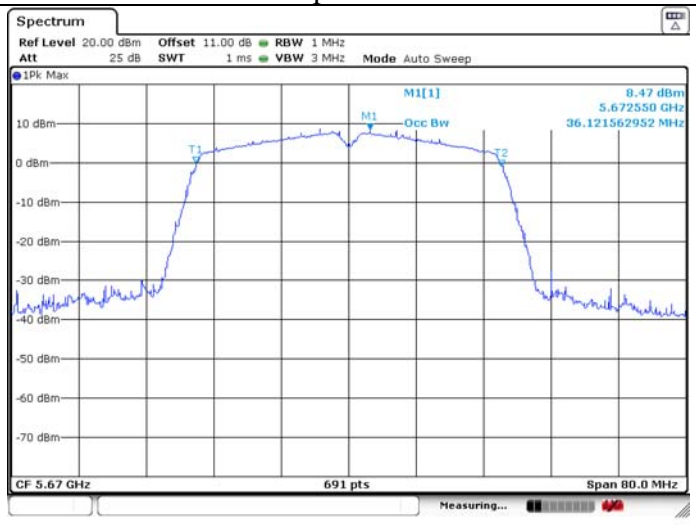
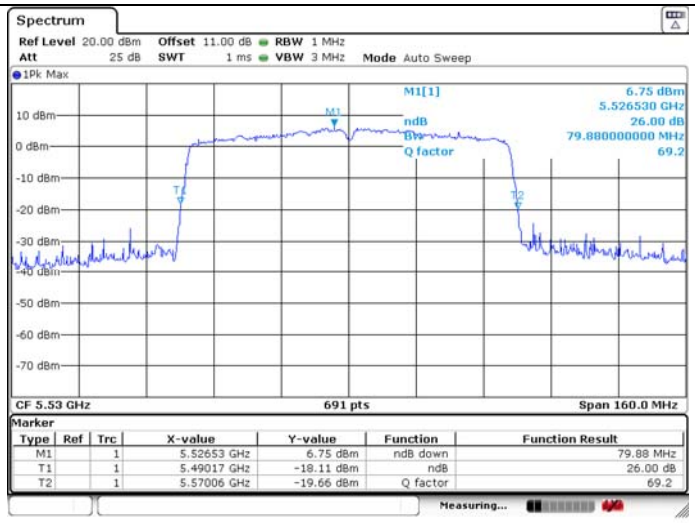
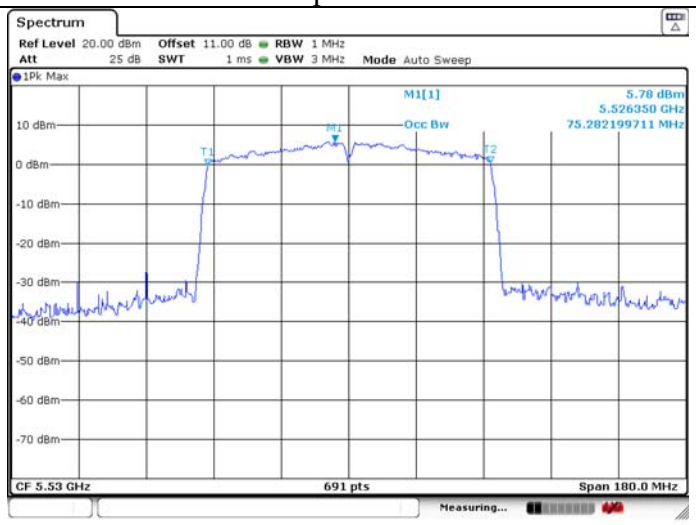
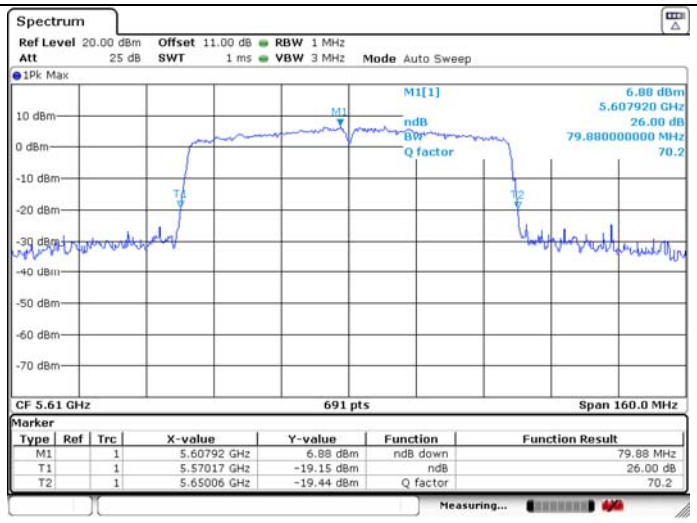
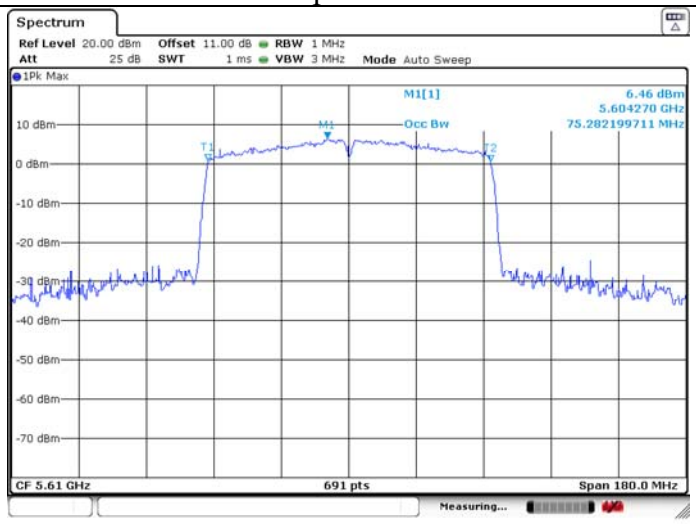
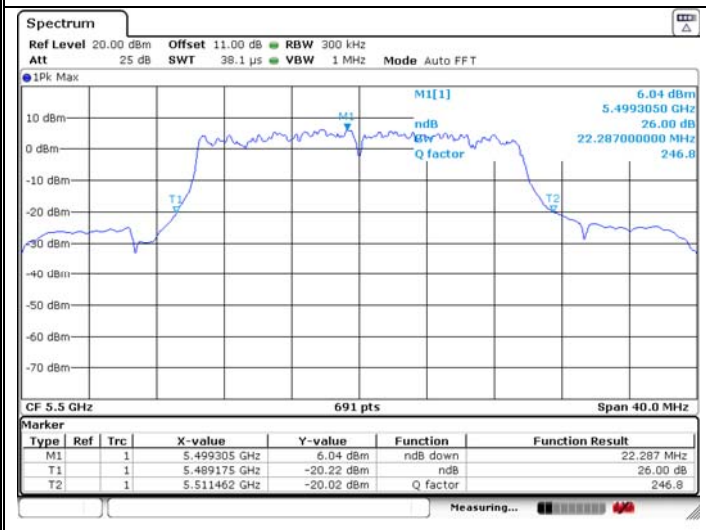
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-2C IEEE 802.11n HT40 5510MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11n HT40 5590MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11n HT40 5670MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-2C IEEE 802.11ac VHT40 5510MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11ac VHT40 5590MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11ac VHT40 5670MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-2C IEEE 802.11ac VHT80 5530MHz	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11ac VHT80 5610MHz	
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-2C IEEE 802.11ax HE20 5500MHz_Ant 1	
26dB Bandwidth	99% Occupied Bandwidth
	
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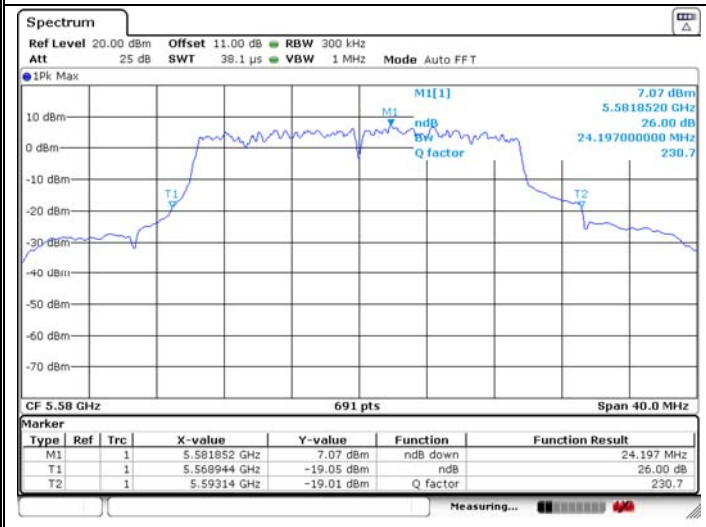
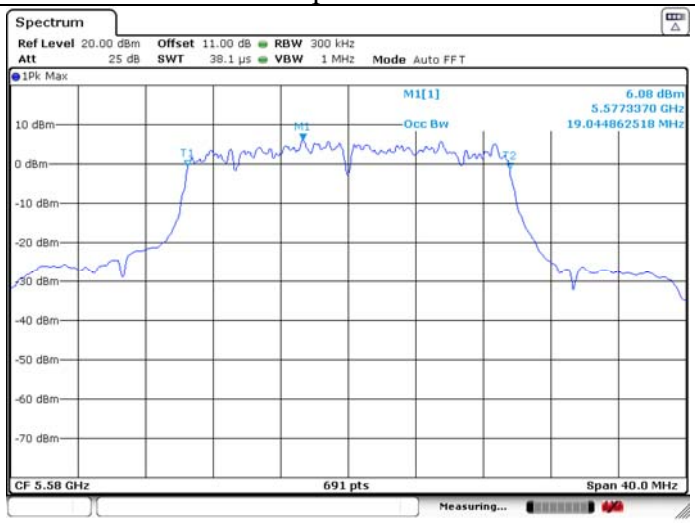
26dB Bandwidth	99% Occupied Bandwidth
	
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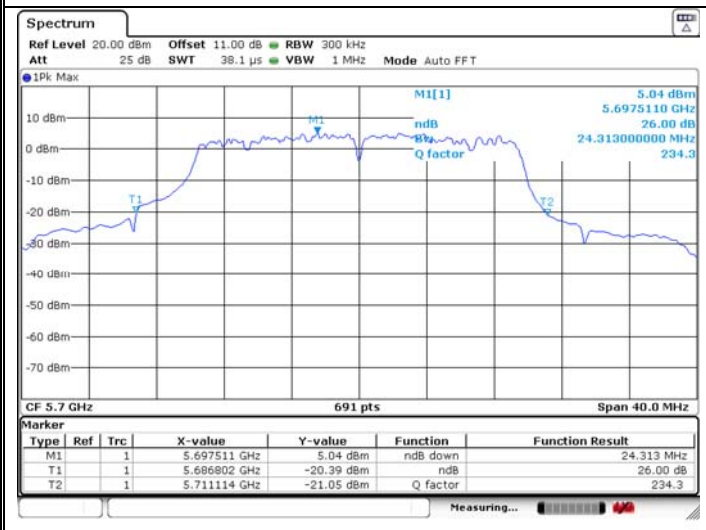
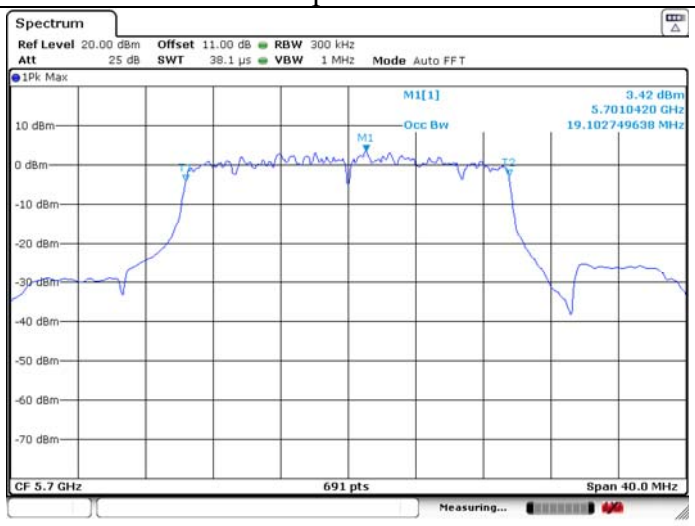
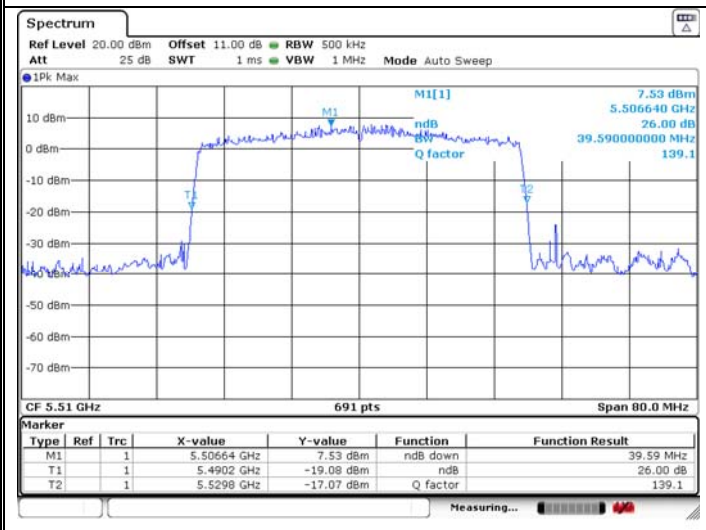
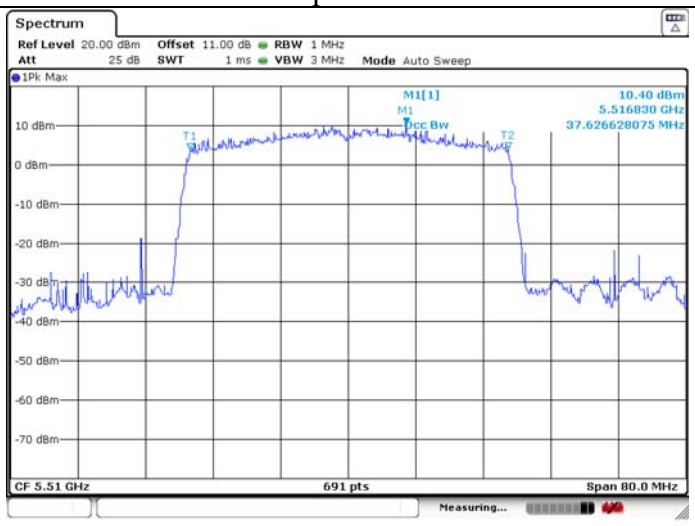
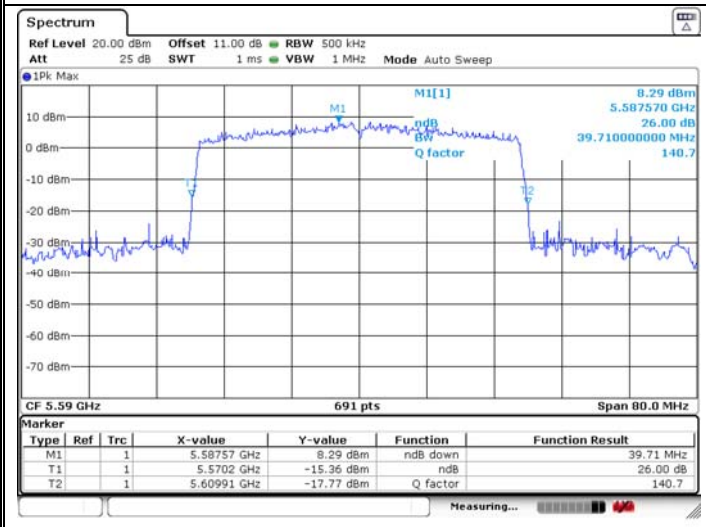
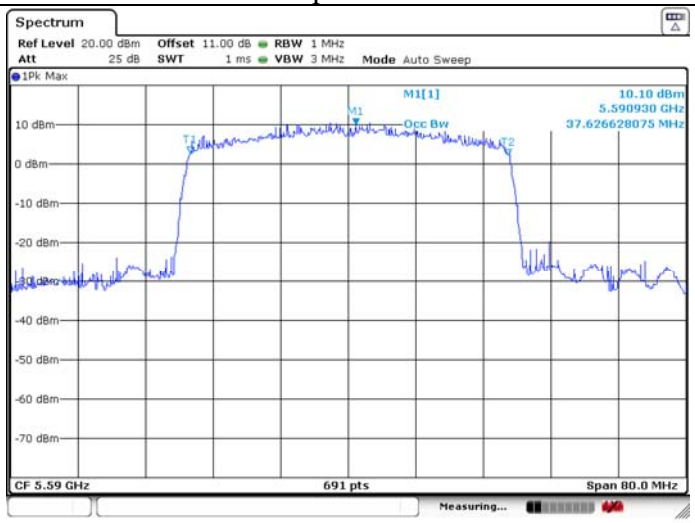
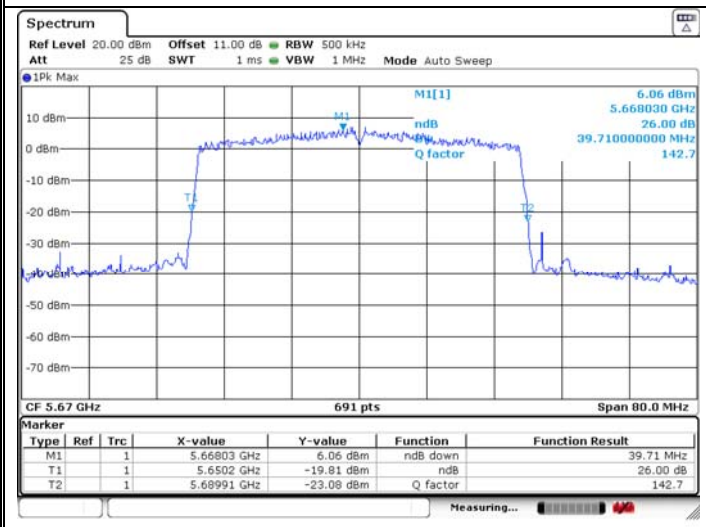
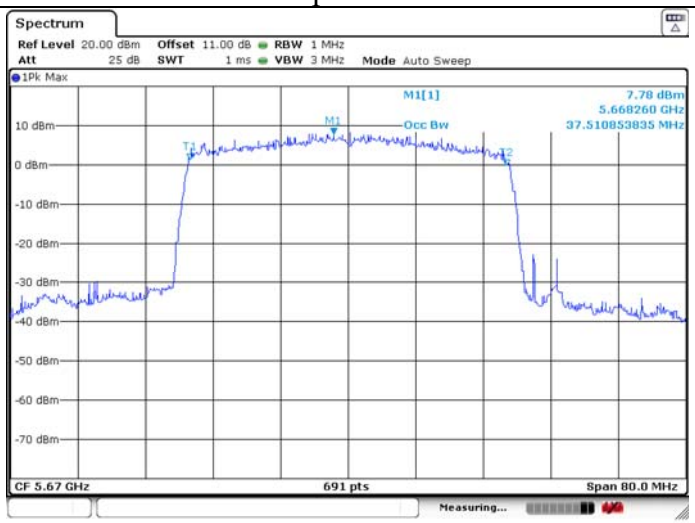
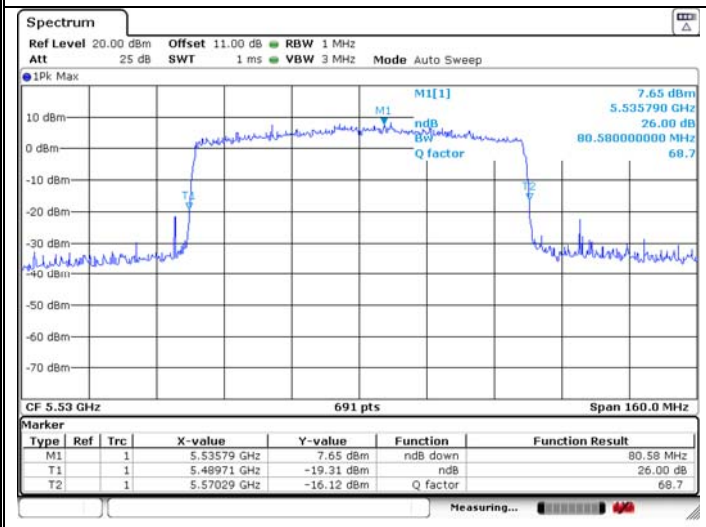
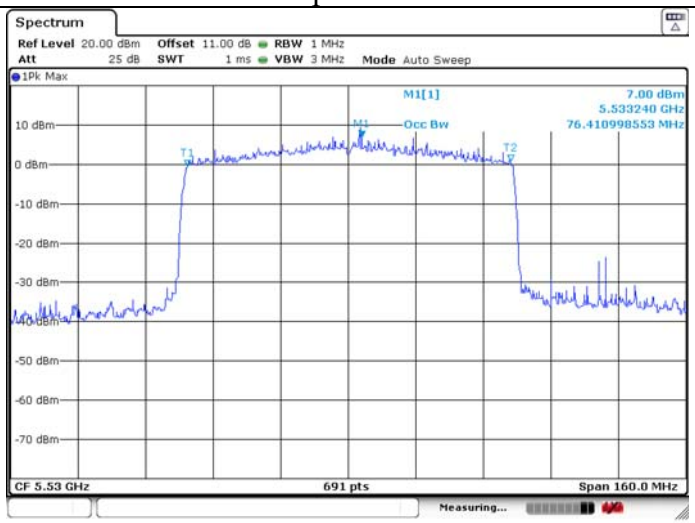
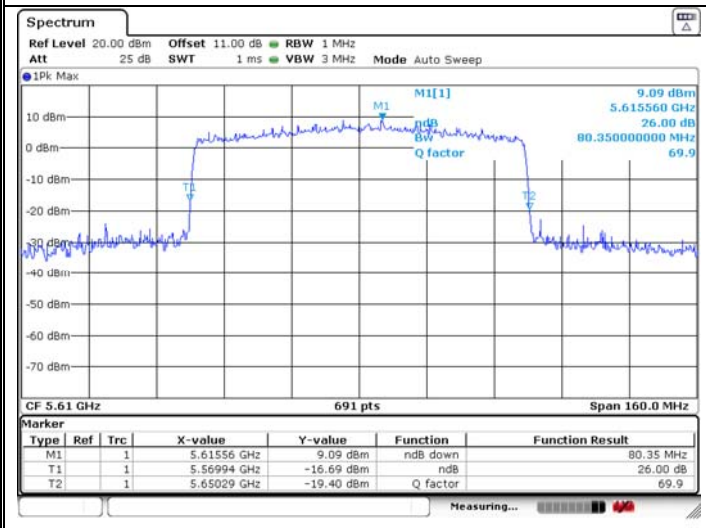
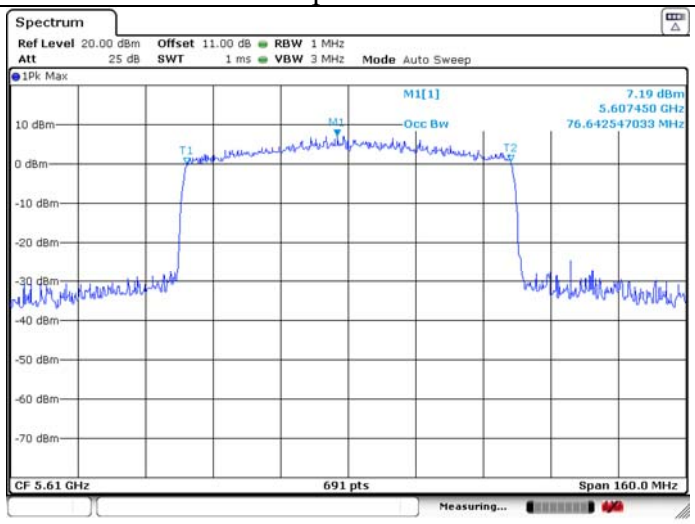
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-2C IEEE 802.11ax HE40 5510MHz_Ant 1	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11ax HE40 5590MHz_Ant 1	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11ax HE40 5670MHz_Ant 1	
26dB Bandwidth	99% Occupied Bandwidth
	

U-NII-2C IEEE 802.11ax HE80 5530MHz_Ant 1	
26dB Bandwidth	99% Occupied Bandwidth
	
U-NII-2C IEEE 802.11ax HE80 5610MHz_Ant 1	
26dB Bandwidth	99% Occupied Bandwidth
	

4. MAXIMUM CONDUCTED OUTPUT POWER

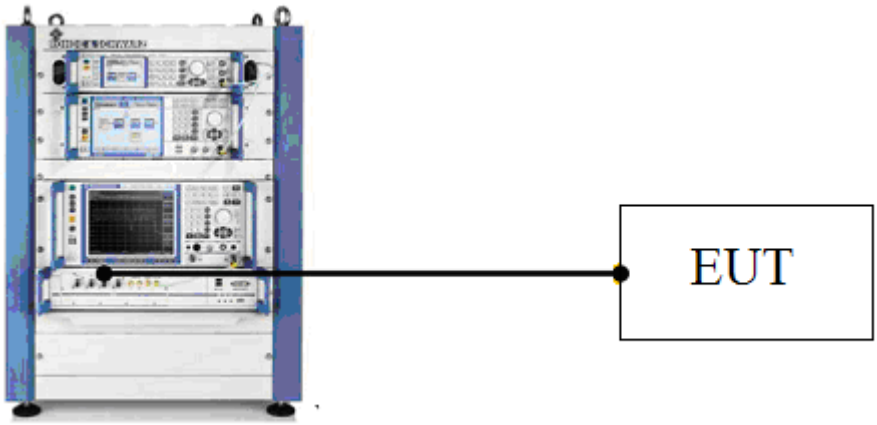
4.1. Limit

Band	EUT Type	Limit
U-NII-1	Outdoor Access Point	1W(30dBm) (Max. e.i.r.p≦125mW at any elevation angle above 30 degrees as measured from the horizon)
	Indoor Access Point	1W(30dBm)
	Fixed point-to-point Access Point	1W(30dBm)
	Mobile and Portable Client Device	250mW(23.98dBm)
U-NII-2A	All Device	250mW(23.98dBm) or 11dBm+10 log B,Which is lesser. (B is 26dB Bandwidth in MHz)
U-NII-2C	All Device	250mW(23.98dBm) or 11dBm+10 log B,Which is lesser. (B is 26dB Bandwidth in MHz)
U-NII-3	All Device	1W(30dBm)

Note:

For the Band U-NII-2A and U-NII-2C,the maximum conducted output power limit calculate result refer to section 3.5.

4.2. Test Setup



4.3. Test Procedure

a. Connect EUT antenna terminal to the OSP-B157WB with RF cable.
b. Set the EUT transmit continuously with maximum output power.
c. Through the test software in TS8897 to control a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Because the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.
d. Repeat above procedures until all modes and channels were measured.
e. Record the results in the test report.

4.4. Test Result

Temperature	23.6℃	Relative Humidity			56%	Test Voltage	DC 3.3V	
BAND	Test Mode	Fre (MHz)	Conducted AVG Output Power (dBm)		Total Conducted Output Power (W)	Total Conducted Output Power (dBm)	Limit (dBm)	Result
			Ant 1	Ant 2				
U-NII-2A	IEEE 802.11a	5260	17.409	17.520	/	/	23.98	PASS
		5300	17.944	17.040	/	/	23.98	PASS
		5320	17.300	17.289	/	/	23.98	PASS
	IEEE 802.11n HT20	5260	16.063	16.684	0.08699	19.39	23.97	PASS
		5300	16.762	16.756	0.09483	19.77	23.97	PASS
		5320	17.090	16.865	0.09975	19.99	23.97	PASS
	IEEE 802.11ac VHT20	5260	17.366	16.329	0.09747	19.89	23.97	PASS
		5300	17.290	16.655	0.09987	19.99	23.97	PASS
		5320	17.015	16.545	0.09543	19.80	23.97	PASS
	IEEE 802.11n HT40	5270	16.548	16.590	0.09077	19.58	23.97	PASS
		5310	17.192	16.714	0.09931	19.97	23.97	PASS
	IEEE 802.11ac VHT40	5270	17.001	16.448	0.09427	19.74	23.97	PASS
		5310	17.072	16.058	0.09130	19.60	23.97	PASS
	IEEE 802.11ac VHT80	5290	17.100	16.001	0.09111	19.60	23.97	PASS
	IEEE 802.11ax HE20	5260	17.104	16.361	0.09459	19.76	23.97	PASS
		5300	16.659	16.537	0.09138	19.61	23.97	PASS
		5320	17.499	16.152	0.09745	19.89	23.97	PASS
	IEEE 802.11ax HE40	5270	16.101	16.595	0.08640	19.37	23.97	PASS
		5310	17.208	16.068	0.09302	19.69	23.97	PASS
	IEEE 802.11ax HE80	5290	16.732	16.915	0.09627	19.83	23.97	PASS

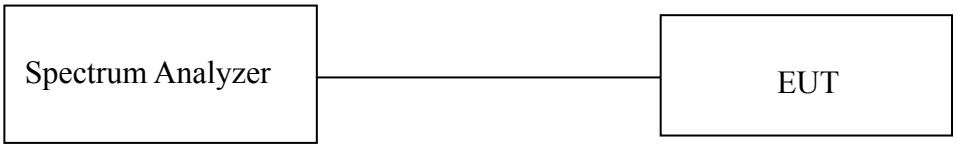
BAND	Test Mode	Fre (MHz)	Conducted AVG Output Power (dBm)		Total Conducted Output Power (W)	Total Conducted Output Power (dBm)	Limit (dBm)	Result
			Ant 1	Ant 2				
U-NII-2C	IEEE 802.11a	5500	17.220	17.304	/	/	23.98	PASS
		5580	18.112	17.322	/	/	23.98	PASS
		5700	17.924	17.577	/	/	23.98	PASS
	IEEE 802.11n HT20	5500	17.052	16.100	0.09146	19.61	23.97	PASS
		5580	17.507	16.108	0.09714	19.87	23.97	PASS
		5700	16.903	16.462	0.09329	19.70	23.97	PASS
	IEEE 802.11ac VHT20	5500	16.932	15.962	0.08880	19.48	23.97	PASS
		5580	17.457	15.806	0.09375	19.72	23.97	PASS
		5700	16.958	15.614	0.08606	19.35	23.97	PASS
	IEEE 802.11n HT40	5510	17.840	15.418	0.09563	19.81	23.97	PASS
		5590	17.560	15.550	0.09291	19.68	23.97	PASS
		5670	17.335	16.311	0.09690	19.86	23.97	PASS
	IEEE 802.11ac VHT40	5510	16.521	16.125	0.08586	19.34	23.97	PASS
		5590	17.568	15.568	0.09316	19.69	23.97	PASS
		5670	16.793	16.516	0.09262	19.67	23.97	PASS
	IEEE 802.11ac VHT80	5530	16.540	16.109	0.08590	19.34	23.97	PASS
		5610	17.542	16.014	0.09672	19.86	23.97	PASS
	IEEE 802.11ax HE20	5500	17.564	16.009	0.09696	19.87	23.97	PASS
		5580	17.435	15.668	0.09228	19.65	23.97	PASS
		5700	17.591	15.373	0.09188	19.63	23.97	PASS
	IEEE 802.11ax HE40	5510	17.198	16.210	0.09424	19.74	23.97	PASS
		5590	17.114	16.345	0.09455	19.76	23.97	PASS
		5670	17.524	15.141	0.08921	19.50	23.97	PASS
	IEEE 802.11ax HE80	5530	17.554	16.091	0.09759	19.89	23.97	PASS
		5610	17.341	16.366	0.09752	19.89	23.97	PASS

5. PEAK POWER SPECTRAL DENSITY

5.1. Limit

Band	EUT Type	Limit
U-NII-1	Outdoor Access Point	17dBm/MHz
	Indoor Access Point	17dBm/MHz
	Fixed point-to-point Access Point	17dBm/MHz
	Mobile and Portable Client Device	11dBm/MHz
U-NII-2A	All Device	11dBm/MHz
U-NII-2C	All Device	11dBm/MHz
U-NII-3	All Device	30dBm/500KHz

5.2. Test Setup



5.3. Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	1MHz(For U-NII-1&U-NII-2A&U-NII-2C) 500KHz(For U-NII-3)
VBW	3MHz(For U-NII-1&U-NII-2A&U-NII-2C) 2MHz(For U-NII-3)
Span	encompass the entire 26 dB EBW or 99% OBW of the signal
Sweep Time	Auto
Number of Sweep Point	≥2×SPAN/RBW
Detector	RMS(power averaging)
Trace Average	≥100 traces

5.4. Test Procedure

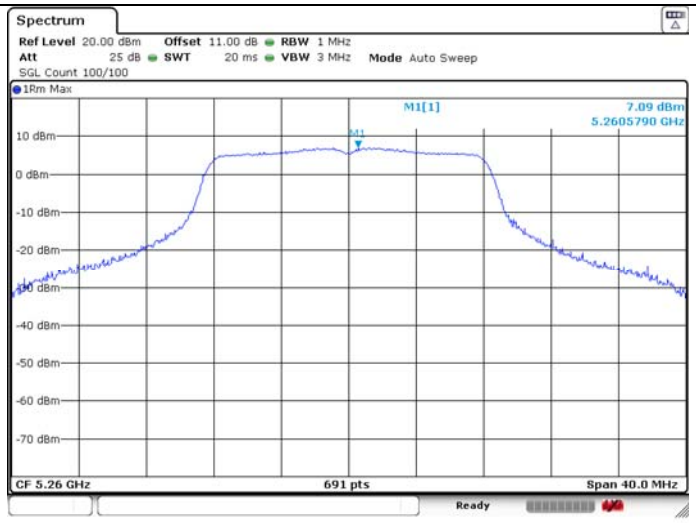
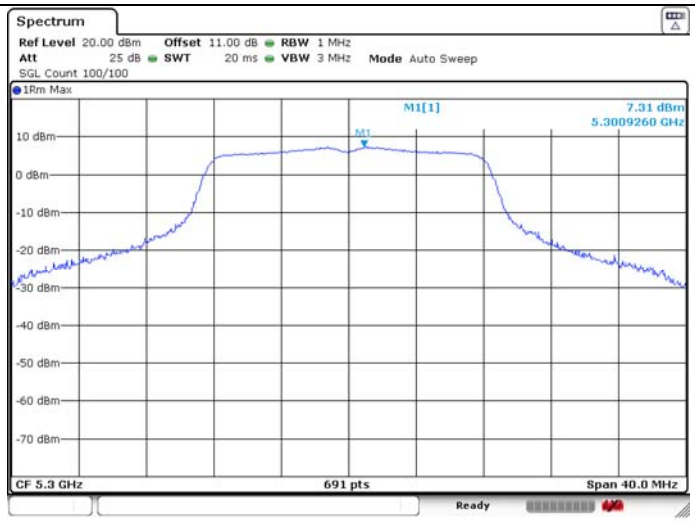
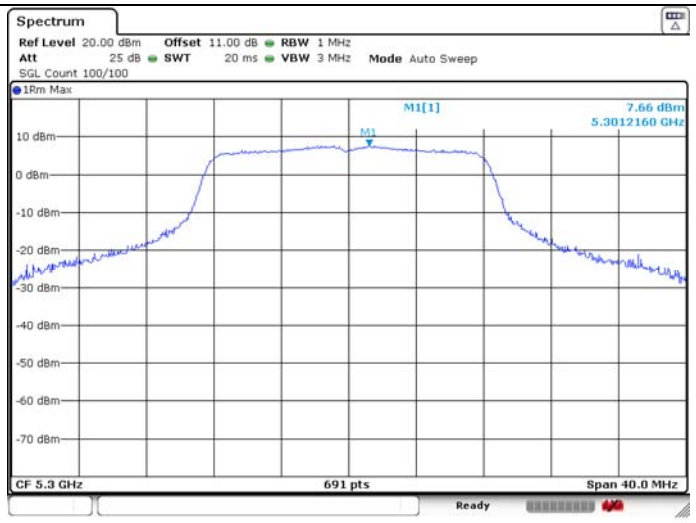
a. Connect EUT antenna terminal to the spectrum analyzer with RF cable.
b. Spectrum analyzer setting parameters in accordance with section 5.3.
c. Set the EUT transmit continuously with maximum output power.
d. Allow trace to stabilize, use the marker-to-peak function to set the marker to the average of the emission.
e. If the duty cycle of test siganl＜98%,the result=max measured value+10×log(1/duty cycle);
If the duty cycle of test siganl≥98%,the esult=max measured value.
f. Repeat above procedures until all modes and channels were measured.
g. Record the results in the test report.

5.5. Test Result

Temperature		23.6℃	Relative Humidity		56%	Test Voltage	DC 3.3V	
BAND	Test Mode	Fre (MHz)	Power Density (dBm/MHz)		Duty Factor (dB)	Total Power Density (dBm/MHz)	Limit (dBm/MHz)	Result
			Ant 1	Ant 2				
U-NII-2A	IEEE 802.11a	5260	7.83	7.73	0.64	/	11.00	PASS
		5300	7.95	8.30	0.64	/	11.00	PASS
		5320	8.28	8.34	0.64	/	11.00	PASS
	IEEE 802.11n HT20	5260	3.79	4.37	0.57	7.67	10.99	PASS
		5300	4.47	4.64	0.57	8.13	10.99	PASS
		5320	4.60	4.88	0.57	8.32	10.99	PASS
	IEEE 802.11ac VHT20	5260	3.00	3.57	1.14	7.44	10.99	PASS
		5300	3.40	3.62	1.14	7.66	10.99	PASS
		5320	3.87	3.65	1.14	7.91	10.99	PASS
	IEEE 802.11n HT40	5270	3.25	3.66	1.12	7.59	10.99	PASS
		5310	3.53	3.52	1.12	7.66	10.99	PASS
	IEEE 802.11ac VHT40	5270	2.33	3.42	1.93	7.85	10.99	PASS
		5310	2.81	3.94	1.93	8.35	10.99	PASS
	IEEE 802.11ac VHT80	5290	1.49	1.58	3.01	7.56	10.99	PASS
	IEEE 802.11ax HE20	5260	1.99	2.34	2.48	7.66	10.99	PASS
		5300	2.12	2.05	2.48	7.57	10.99	PASS
		5320	2.36	2.44	2.48	7.89	10.99	PASS
	IEEE 802.11ax HE40	5270	2.31	2.64	2.57	8.06	10.99	PASS
		5310	2.66	2.52	2.57	8.17	10.99	PASS
	IEEE 802.11ax HE80	5290	1.49	2.30	2.75	7.68	10.99	PASS

BAND	Test Mode	Fre (MHz)	Power Density (dBm/MHz)		Duty Factor (dB)	Total Power Density (dBm/MHz)	Limit (dBm/MHz)	Result
			Ant 1	Ant 2				
U-NII-2C	IEEE 802.11a	5500	7.37	6.78	0.64	/	11.00	PASS
		5580	7.64	7.24	0.64	/	11.00	PASS
		5700	6.36	6.37	0.64	/	11.00	PASS
	IEEE 802.11n HT20	5500	4.80	4.62	0.57	8.29	10.99	PASS
		5580	4.37	4.24	0.57	7.88	10.99	PASS
		5700	3.83	3.64	0.57	7.31	10.99	PASS
	IEEE 802.11ac VHT20	5500	3.51	3.39	1.14	7.60	10.99	PASS
		5580	3.42	2.84	1.14	7.29	10.99	PASS
		5700	3.10	3.58	1.14	7.50	10.99	PASS
	IEEE 802.11n HT40	5510	3.48	3.26	1.12	7.50	10.99	PASS
		5590	3.40	3.05	1.12	7.36	10.99	PASS
		5670	3.18	3.09	1.12	7.27	10.99	PASS
	IEEE 802.11ac VHT40	5510	2.83	2.85	1.93	7.78	10.99	PASS
		5590	2.69	2.91	1.93	7.74	10.99	PASS
		5670	2.48	3.07	1.93	7.72	10.99	PASS
	IEEE 802.11ac VHT80	5530	1.54	1.34	3.01	7.46	10.99	PASS
		5610	1.63	1.80	3.01	7.74	10.99	PASS
	IEEE 802.11ax HE20	5500	2.32	1.81	2.48	7.56	10.99	PASS
		5580	2.15	2.42	2.48	7.78	10.99	PASS
		5700	2.55	2.45	2.48	7.99	10.99	PASS
	IEEE 802.11ax HE40	5510	2.07	1.71	2.57	7.48	10.99	PASS
		5590	2.72	1.48	2.57	7.73	10.99	PASS
		5670	2.28	2.03	2.57	7.74	10.99	PASS
	IEEE 802.11ax HE80	5530	1.90	1.73	2.75	7.58	10.99	PASS
		5610	2.30	1.16	2.75	7.53	10.99	PASS

Note:IEEE 802.11a Power Density=Conducted Power Density+Duty Factor.

U-NII-2A IEEE 802.11a 5260MHz	
ANT 1	**ANT 2**
	
U-NII-2A IEEE 802.11a 5300MHz	
ANT 1	**ANT 2**
	
U-NII-2A IEEE 802.11a 5320MHz	
ANT 1	**ANT 2**