



**FCC PART 15C  
TEST REPORT  
No.I19Z60553-IOT05**

**For**

**Huawei Technologies Co., Ltd.**

**Tablet**

**AGS2-L09**

**With**

**FCC ID: QISAGS2-L09A**

**Hardware Version: A6t6e-2**

**Software Version: AGS2-L09 8.0.0.18(C432)**

**Issued Date: 2019-04-26**



**Note:**

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## **REPORT HISTORY**

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## **1. TEST LATORATORY**

### **1.1. Introduction & Accreditation**

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2005 accredited test laboratory under NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM (NVLAP) with lab code 600118-0, and is also an FCC accredited test laboratory (CN5017), and ISED accredited test laboratory (CN0066). The detail accreditation scope can be found on NVLAP website.

### **1.2. Testing Location**

Conducted testing Location: CTTL(huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing,  
P. R. China100191

Radiated testing Location: CTTL(huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing,  
P. R. China100191

Radiated testing Location: CTTL(yizhuang)

Address: No.18, Kangding Street, Beijing Economic-Technology  
Development Area, Beijing, P. R. China 100176

### **1.3. TestingEnvironment**

Normal Temperature: 15-35°C  
Extreme Temperature: 0/+35°C  
Relative Humidity: 20-75%

#### 1.4. Project data

Testing Start Date: 2019-04-01  
Testing End Date: 2019-04-25

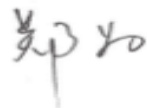
#### 1.5. Signature



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Jiang Xue

( Prepared this test report )



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Zheng Wei

(Reviewed this test report)



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Gao Hong

(Approved this test report)



## **2. CLIENT INFORMATION**

### **2.1. Applicant Information**

Company Name: Huawei Technologies Co., Ltd  
Address: Administration Building, Headquarters of Huawei Technologies Co., Ltd.,  
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City: Shenzhen  
Postal Code: 518129  
Country: China  
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### **2.2. Manufacturer Information**

Company Name: Huawei Technologies Co., Ltd  
Address: Administration Building, Headquarters of Huawei Technologies Co., Ltd.,  
Bantian, Longgang District, Shenzhen, Guangdong, 518129, China  
City: Shenzhen  
Postal Code: 518129  
Country: China  
Contact: Han Maomao  
Telephone: 075515814033573  
Fax: /

### **3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT(AE)**

#### **3.1. About EUT**

Description	Tablet
Model name	AGS2-L09
FCC ID	QISAGS2-L09A
WLAN Frequency Range	ISM Band: 5725MHz~5850MHz
Type of modulation	OFDM
Normal Voltage	3.8V
Extreme Low Voltage	3.6V
Extreme High Voltage	4.3V

Note: Photographs of EUT are shown in ANNEX C of this test report. Components list, please refer to documents of the manufacturer; it is also included in the original test record of Telecommunication Metrology Center of MIIT of People's Republic of China.

#### **3.2. Internal Identification of EUT used during the test**

<b>EUT ID*</b>	<b>IMEI</b>	<b>HW Version</b>	<b>SW Version</b>
EUT1	869564035732499	A6t6e-2	AGS2-L09 8.0.0.18(C432)
EUT2	869564035731426	A6t6e-2	AGS2-L09 8.0.0.18(C432)

\*EUT ID: is used to identify the test sample in the lab internally.

#### **3.3. Internal Identification of AE used during the test**

<b>AE ID*</b>	<b>Description</b>	<b>Type</b>	<b>SN</b>
AE1	Battery	CAC4060002C2	/
AE2	Dummy battery	/	/

\*AE ID: is used to identify the test sample in the lab internally.

#### **3.4. General Description**

Equipment Under Test (EUT) is a model of Tablet with integrated antenna. It consists of normal options: Battery and Charger.

Manual and specifications of the EUT were provided to fulfil the test.

Samples undergoing test were selected by the Client.

## **4. REFERENCE DOCUMENTS**

### **4.1. Documents supplied by applicant**

EUT feature information is supplied by the applicant or manufacturer, which is the basis of testing.

### **4.2. Reference Documents for testing**

The following documents listed in this section are referred for testing.

FCC Part15	FCC CFR 47, Part 15, Subpart C and E: 15.205 Restricted bands of operation; 15.209 Radiated emission limits, general requirements; 15.407 General technical requirements	2016
ANSI C63.10	Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	2013
UNII: KDB 789033 D02	General U-NII Test Procedures New Rules v02r01	2017-12

## **5. LABORATORY ENVIRONMENT**

Conducted RF performance testing is performed in shielding room.

EMC performance testing is performed in Semi-anechoic chamber.

## 6. SUMMARY OF TEST RESULTS

### 6.1. Summary of Test Results

SUMMARY OF MEASUREMENT RESULTS	Sub-clause of Part15C	Sub-clause of IC	Verdict
Maximum Peak Output Power	15.407 (a)	/	P
Peak Power Spectral Density	15.407 (a)	/	P
Occupied 6dB Bandwidth	15.407 (e)	/	P
Band Edges Compliance	15.407 (b)	/	P
Transmitter Spurious Emission - Conducted	15.407	/	P
Transmitter Spurious Emission - Radiated	15.407, 15.205, 15.209	/	P
AC Powerline Conducted Emission	15.107, 15.207	/	P
Transmitter Spurious Emission - Radiated < 30MHz	15.407, 15.209	/	P

Please refer to **ANNEX A** for detail.

Terms used in Verdict column

P	Pass, The EUT complies with the essential requirements in the standard.
NM	Not measured, The test was not measured by CTTL
NA	Not Applicable, The test was not applicable
F	Fail, The EUT does not comply with the essential requirements in the standard

### 6.2. Statements

CTTL has evaluated the test cases requested by the client/manufacturer as listed in section 6.1 of this report for the EUT specified in section 3 according to the standards or reference documents listed in section 4.1.

This report only deals with the WLAN function among the features described in section 3.

### 6.3. Test Conditions

For this report, all the test cases are tested under normal temperature and normal voltage, and also under norm humidity, the specific condition is shown as follows:

Temperature	26°C
Voltage	3.8V
Humidity	44%

## 7. TEST EQUIPMENTS UTILIZED

### Conducted test system

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Period	Calibration Due date
1	Vector Signal Analyzer	FSQ40	200089	Rohde & Schwarz	1 year	2019-05-17
2	LISN	ESH3-Z5	825562/028	Rohde & Schwarz	2018-08-23	2019-08-22
3	Test Receiver	ESCI	100344	Rohde & Schwarz	2019-02-15	2020-02-14
4	Shielding Room	S81	/	ETS-Lindgren	/	/

### Radiated emission test system

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Period	Calibration Due date
1	Test Receiver	ESU26	100235	Rohde & Schwarz	1 year	2020-02-27
2	BiLog Antenna	VULB9163	9163-514	Schwarzbeck	3 years	2021-02-03
3	Dual-Ridge Waveguide Horn Antenna	3115	6914	ETS-Lindgren	3 years	2020-12-15
4	EMI Antenna	3117	00139065	ETS-Lindgren	1 Year	2019-10-15
5	EMI Antenna	3116	2663	ETS-Lindgren	1 Year	2019-07-09
6	Vector Signal Analyzer	FSV40	101047	Rohde & Schwarz	1 year	2019-06-27

## 8. Measurement Uncertainty

### 8.1. Transmitter Output Power

Measurement Uncertainty: 0.387dB,k=1.96

### 8.2. Peak Power Spectral Density

Measurement Uncertainty: 0.705dB,k=1.96

### 8.3. Occupied 6dB Bandwidth

Measurement Uncertainty: 60.80Hz,k=1.96

### 8.4. Band Edges Compliance

Measurement Uncertainty : 0.62dB,k=1.96

### 8.5. Spurious Emissions

#### Conducted (k=1.96)

Frequency Range	Uncertainty(dB)
30MHz ≤ f ≤ 2GHz	1.22
2GHz ≤ f ≤ 3.6GHz	1.22
3.6GHz ≤ f ≤ 8GHz	1.22
8GHz ≤ f ≤ 12.75GHz	1.51
12.75GHz ≤ f ≤ 26GHz	1.51
26GHz ≤ f ≤ 40GHz	1.59

#### Radiated (k=2)

Frequency Range	Uncertainty(dB)
9kHz-30MHz	/
30MHz ≤ f ≤ 1GHz	5.40
1GHz ≤ f ≤ 18GHz	4.32
18GHz ≤ f ≤ 40GHz	5.26

### 8.6. AC Power-line Conducted Emission

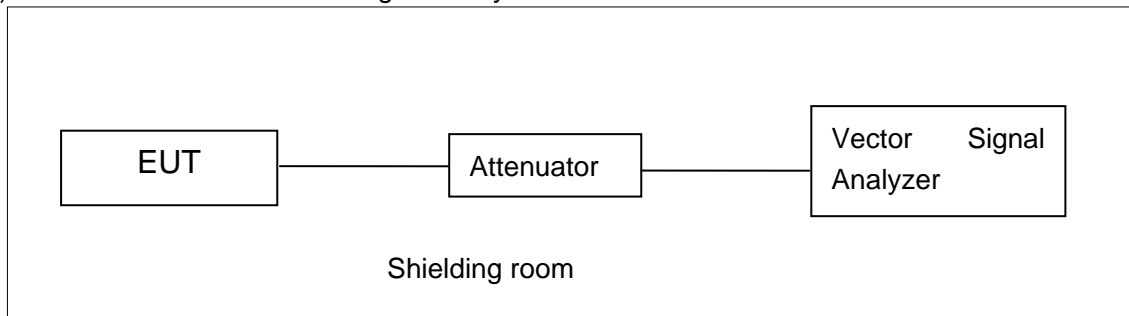
Measurement Uncertainty : 3.08dB,k=2

## ANNEX A: MEASUREMENT RESULTS

### A.1. Measurement Method

#### A.1.1. Conducted Measurements

- 1). Connect the EUT to the test system correctly.
- 2). Set the EUT to the required work mode.
- 3). Set the EUT to the required channel.
- 4). Set the spectrum analyzer to start measurement.
- 5). Record the values. Vector Signal Analyzer

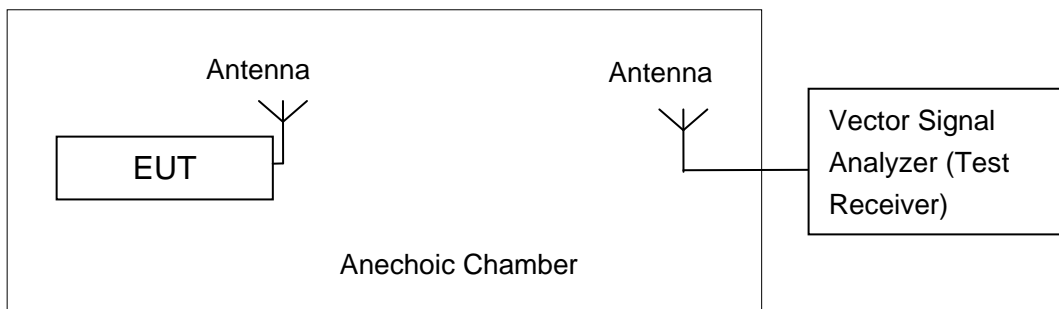


#### A.1.2. Radiated Emission Measurements

In the case of radiated emission, the used settings are as follows,

Sweep frequency from 30 MHz to 1GHz, RBW = 100 kHz, VBW = 300 kHz;

Sweep frequency from 1 GHz to 26GHz, RBW = 1MHz, VBW = 10Hz;



The measurement is made according to ANSI C63.10.

The radiated emission test is performed in semi-anechoic chamber. The distance from the EUT to the reference point of measurement antenna is 3m. The test is carried out on both vertical and horizontal polarization and only maximization result of both polarizations is kept. During the test, the turntable is rotated 360° and the measurement antenna is moved from 1m to 4m to get the maximization result.

## A.2. Maximum Peak Output Power

### Measurement Limit and Method:

Standard	Limit (dBm)
FCC CRF Part 15.407(a)	< 30

### A.2.1 Antenna Gain

Antenna gain is 1dBi and the value is supplied by the applicant or manufacturer.

### A.2.2. Maximum Peak Output Power-conducted

#### Measurement Results:

#### 802.11a mode

Mode	Data Rate (Mbps)	Test Result (dBm)		
		5745MHz (Ch149)	5785MHz (Ch157)	5825MHz (Ch165)
802.11a	6	13.19	/	/
	9	13.20	/	/
	12	13.00	/	/
	18	13.04	/	/
	24	13.05	/	/
	36	13.52	/	/
	48	13.64	14..11	12.73
	54	13.52	/	/

The data rate 48Mbps is selected as worse condition, and the following cases are performed with this condition.

#### 802.11n-HT20 mode

Mode	Data Rate (Index)	Test Result (dBm)		
		5745MHz (Ch149)	5785MHz (Ch157)	5825MHz (Ch165)
802.11n (20MHz)	MCS0	13.08	/	/
	MCS1	12.99	/	/
	MCS2	12.95	/	/
	MCS3	13.44	/	/
	MCS4	13.45	/	/
	MCS5	13.52	/	/
	MCS6	13.75	/	/
	MCS7	13.77	14.20	13.13

The data rate MCS7 is selected as worse condition, and the following cases are performed with this condition.



**802.11ac-HT20 mode**

Mode	Data Rate (Index)	Test Result (dBm)		
		5745MHz (Ch149)	5785MHz (Ch157)	5825MHz (Ch165)
802.11ac (20MHz)	MCS0	13.07	/	/
	MCS1	12.94	/	/
	MCS2	12.92	/	/
	MCS3	13.40	/	/
	MCS4	13.42	/	/
	MCS5	13.48	/	/
	MCS6	13.75	/	/
	MCS7	13.78	14.23	13.12
	MCS8	13.61	/	/

The data rate MCS7 is selected as worse condition, and the following cases are performed with this condition.

**802.11n-HT40 mode**

Mode	Data Rate (Index)	Test Result (dBm)	
		5755MHz (Ch151)	5795MHz (Ch159)
802.11n (40MHz)	MCS0	13.84	/
	MCS1	13.61	/
	MCS2	13.63	/
	MCS3	14.03	/
	MCS4	13.96	/
	MCS5	14.04	/
	MCS6	14.11	14.32
	MCS7	14.04	/

The data rate MCS6 is selected as worse condition, and the following cases are performed with this condition.

**802.11ac-HT40 mode**

Mode	Data Rate (Index)	Test Result (dBm)	
		5755MHz (Ch151)	5795MHz (Ch159)
802.11ac (40MHz)	MCS0	13.68	/
	MCS1	13.55	/
	MCS2	13.57	/
	MCS3	13.99	/
	MCS4	13.93	/
	MCS5	14.00	/
	MCS6	14.02	14.21
	MCS7	13.99	/

	MCS8	13.32	/
	MCS9	13.35	/

The data rate MCS6 is selected as worse condition, and the following cases are performed with this condition.

**802.11ac-HT80 mode**

Mode	Data Rate (Index)	Test Result (dBm)
		5775MHz (Ch155)
802.11ac (80MHz)	MCS0	12.91
	MCS1	12.75
	MCS2	12.89
	MCS3	13.14
	MCS4	13.12
	MCS5	13.16
	MCS6	13.19
	MCS7	13.65
	MCS8	13.61
	MCS9	13.50

The data rate MCS7 is selected as worse condition, and the following cases are performed with this condition.

**Conclusion: PASS**

**A.2.3. Maximum Average Output Power-Conducted**

**Method of Measurement: See ANSI C63.10-clause 12.3.2.2 Method SA-1**

**802.11a mode**

Mode	Test Result (dBm)		
	5745MHz (Ch149)	5785MHz (Ch157)	5825MHz (Ch165)
802.11a	6.23	6.47	5.97

**802.11n-HT20 mode**

Mode	Test Result (dBm)		
	5745MHz (Ch149)	5785MHz (Ch157)	5825MHz(Ch165)
802.11n-HT20	6.42	6.70	5.86

**802.11ac-HT20 mode**

Mode	Test Result (dBm)		
	5745MHz (Ch149)	5785MHz (Ch157)	5825MHz(Ch165)
802.11ac-HT20	6.17	6.42	5.86

**802.11n-HT40 mode**

Mode	Test Result (dBm)	
	5755MHz (Ch151)	5795MHz(Ch159)
802.11n-HT40	6.67	6.81

**802.11ac-HT40 mode**

Mode	Test Result (dBm)	
	5755MHz (Ch151)	5795MHz(Ch159)
802.11ac-HT40	6.52	6.68

**802.11ac-HT80 mode**

Mode	Test Result (dBm)
	5775MHz (Ch155)
802.11ac-HT80	5.62

**Conclusion: PASS**

### A.3. Peak Power Spectral Density

**Measurement Limit:**

Standard	Limit
FCC 47 CFR Part 15.407(a)	< 30 dBm/500 kHz

The measurement is made according to ANSI C63.10 and KDB789033 D02

**Measurement Uncertainty:**

Measurement Uncertainty	0.75dB
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**Measurement Results:**

Mode	Channel	Power Spectral Density ( dBm/500kHz )	Conclusion
802.11a	149	-4.30	P
	157	-4.62	P
	165	-6.59	P
802.11n-HT20	149	-5.42	P
	157	-3.90	P
	165	-5.68	P
802.11ac-HT20	149	-4.78	P
	157	-5.47	P
	165	-6.63	P
802.11n-HT40	151	-7.74	P
	159	-7.22	P
802.11ac-HT40	151	-7.22	P
	159	-7.81	P
802.11ac-HT80	155	-11.79	P

**Conclusion: PASS**

#### A.4. Occupied 6dB Bandwidth

##### Measurement Limit:

Standard	Limit (kHz)
FCC 47 CFR Part 15.407 (e)	≥ 500

The measurement is made according to KDB789033 D02 .

##### Measurement Uncertainty:

Measurement Uncertainty	60.80Hz
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##### Measurement Result:

Mode	Channel	Occupied 6dB Bandwidth ( MHz)	conclusion	
802.11a	149	Fig.1	16.50	P
	157	Fig.2	16.55	P
	165	Fig.3	16.50	P
802.11n-HT20	149	Fig.4	17.75	P
	157	Fig.5	17.60	P
	165	Fig.6	17.75	P
802.11ac-HT20	149	Fig.7	17.80	P
	157	Fig.8	17.75	P
	165	Fig.9	17.75	P
802.11n-HT40	151	Fig.10	36.16	P
	159	Fig.11	36.32	P
802.11ac-HT40	151	Fig.12	36.32	P
	159	Fig.13	34.56	P
802.11ac-HT80	155	Fig.14	72.96	P

**Conclusion: PASS**

**Test graphs as below:**

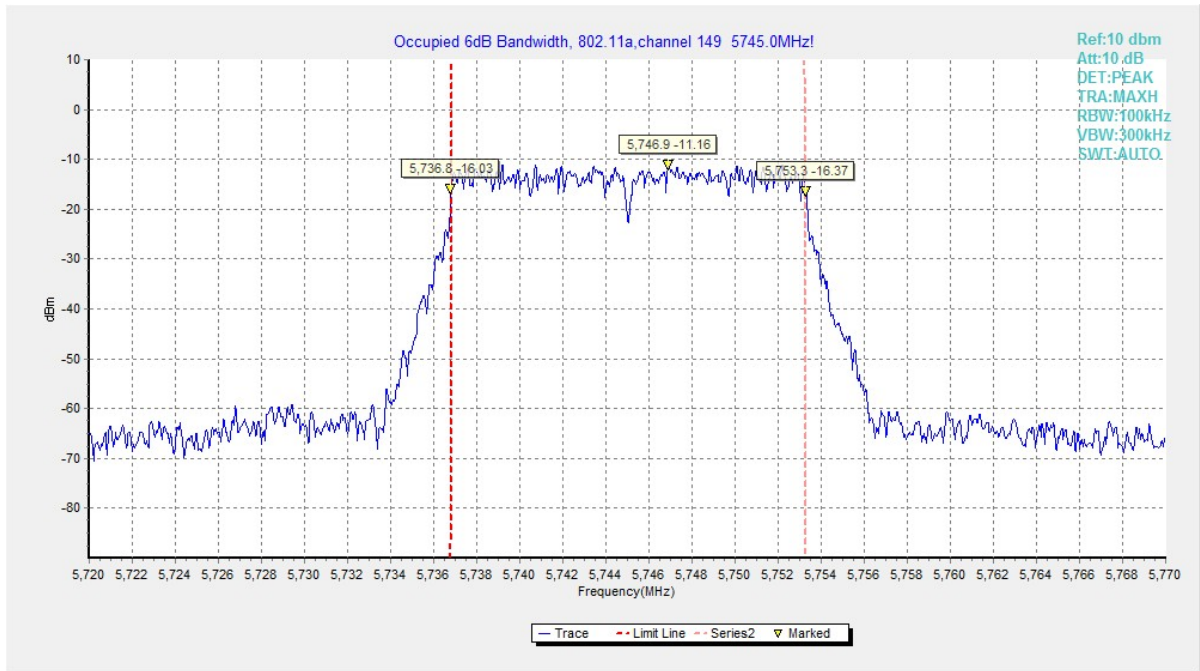


Fig. 1 Occupied 6dB Bandwidth (802.11a, Ch 149)

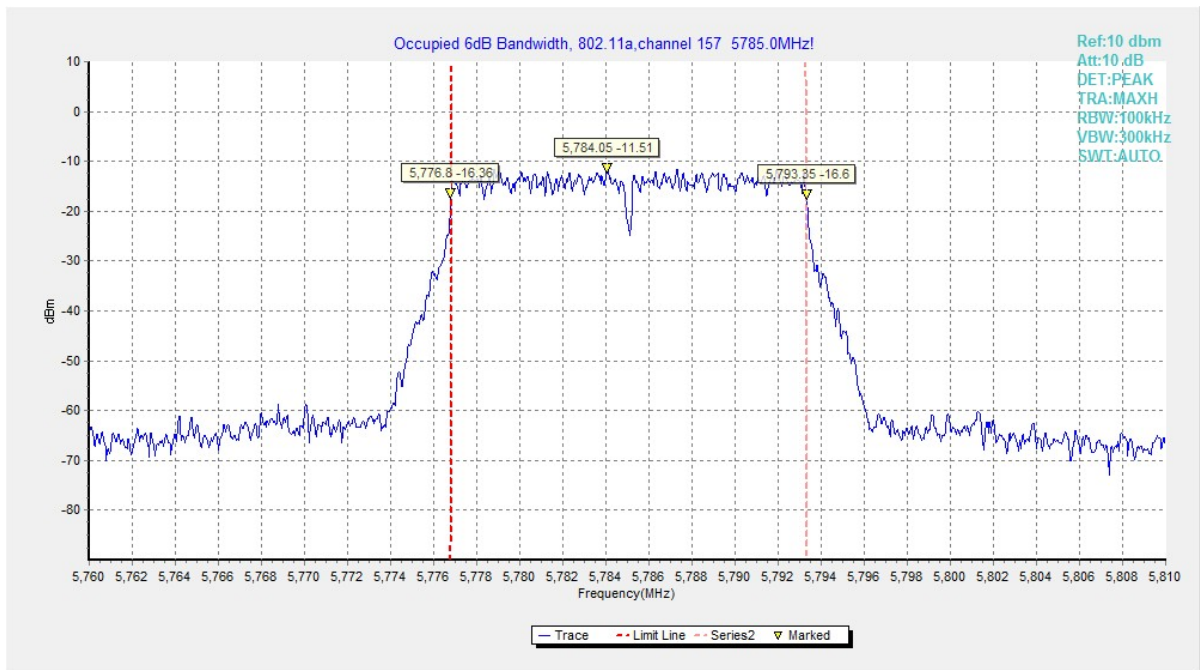


Fig. 2 Occupied 6dB Bandwidth (802.11a, Ch 157)

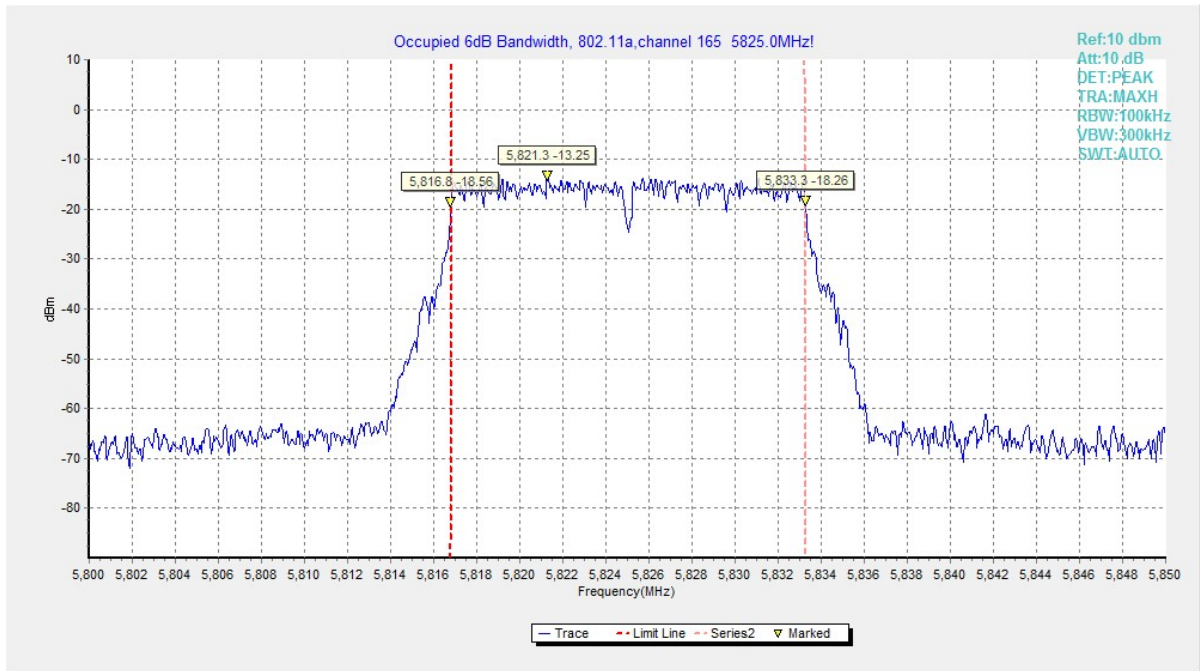


Fig. 3 Occupied 6dB Bandwidth (802.11a, Ch 165)

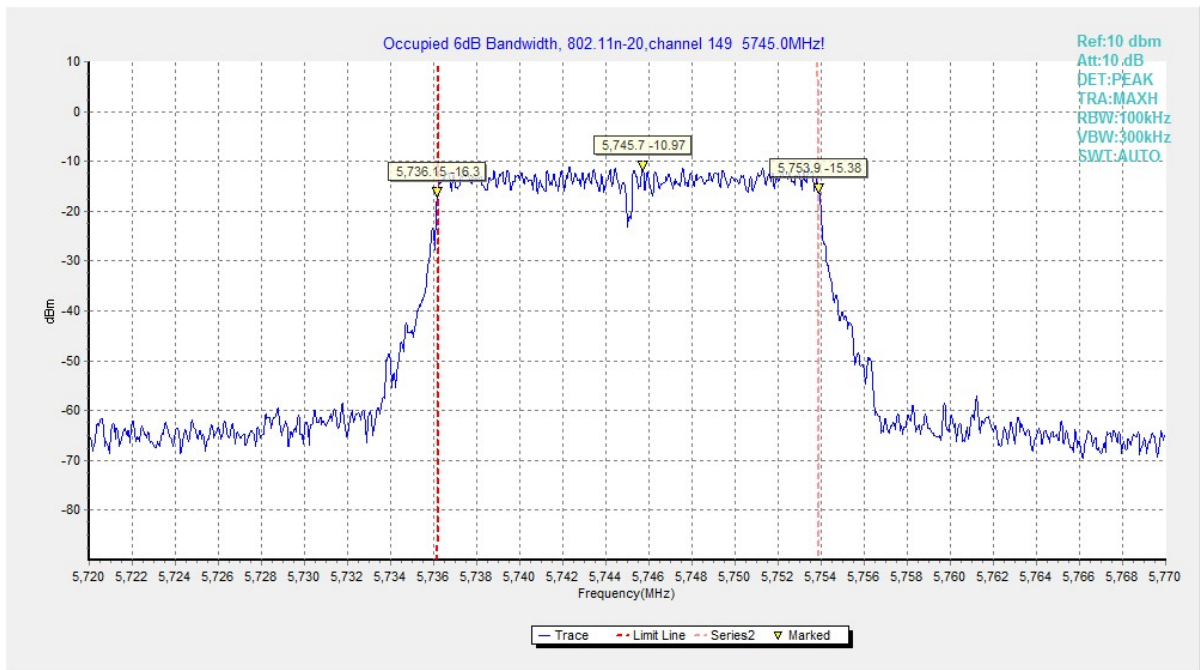


Fig. 4 Occupied 6dB Bandwidth (802.11n20, Ch 149)

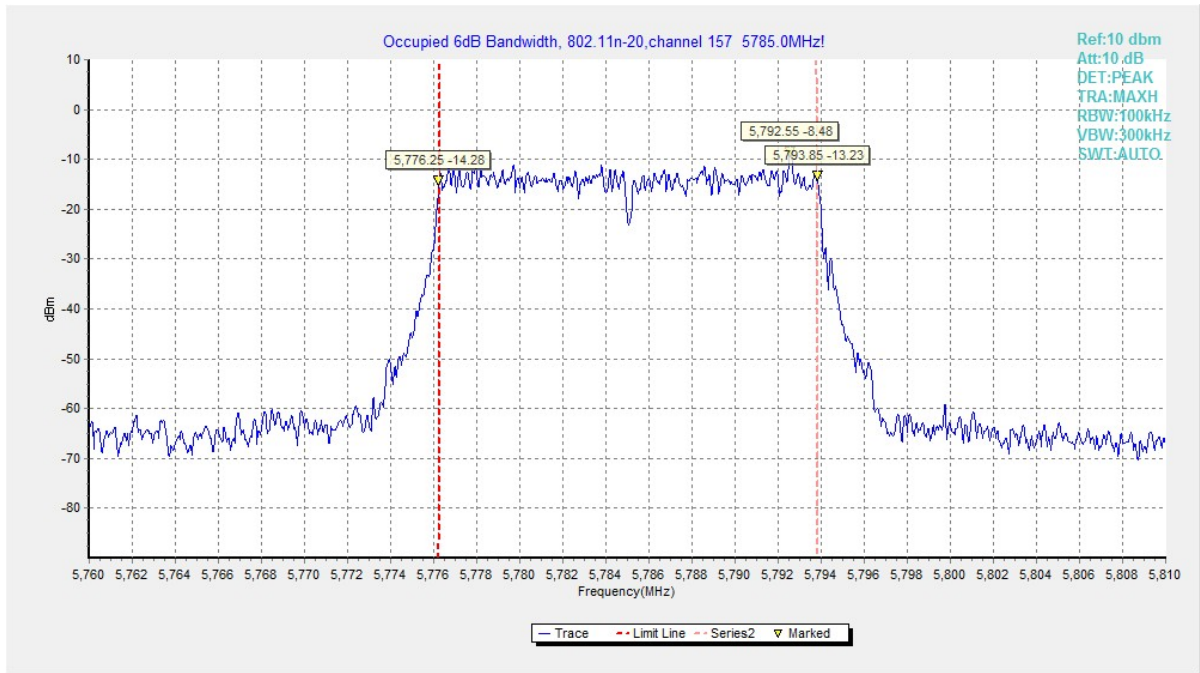


Fig. 5 Occupied 6dB Bandwidth (802.11n20, Ch 157)

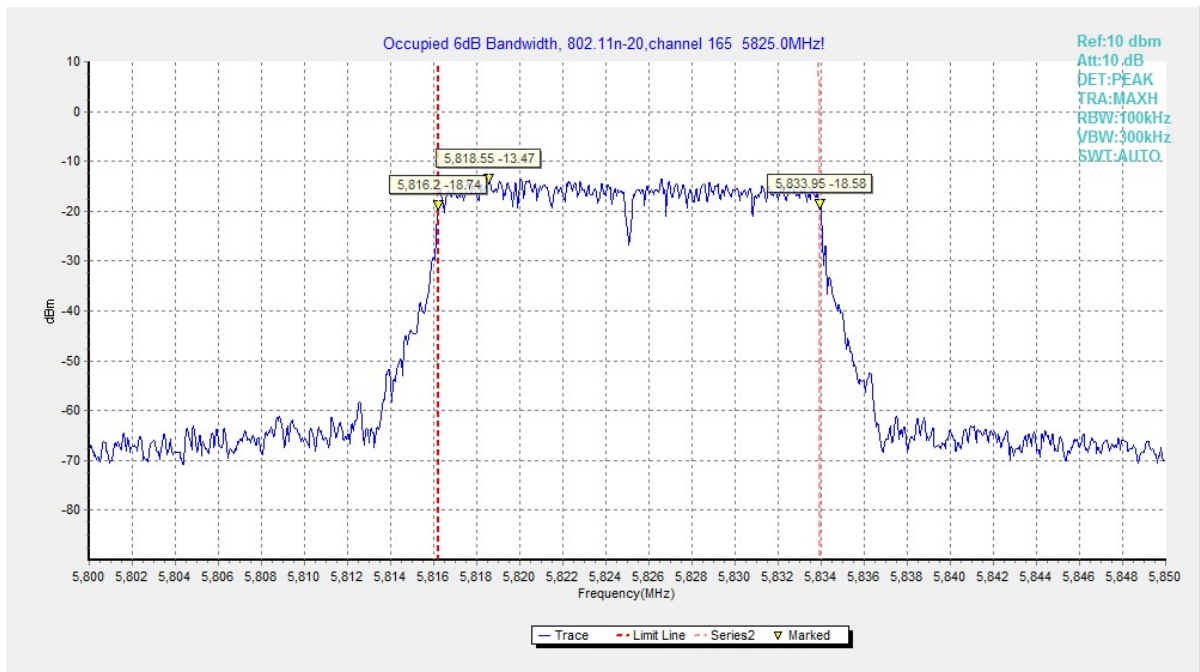
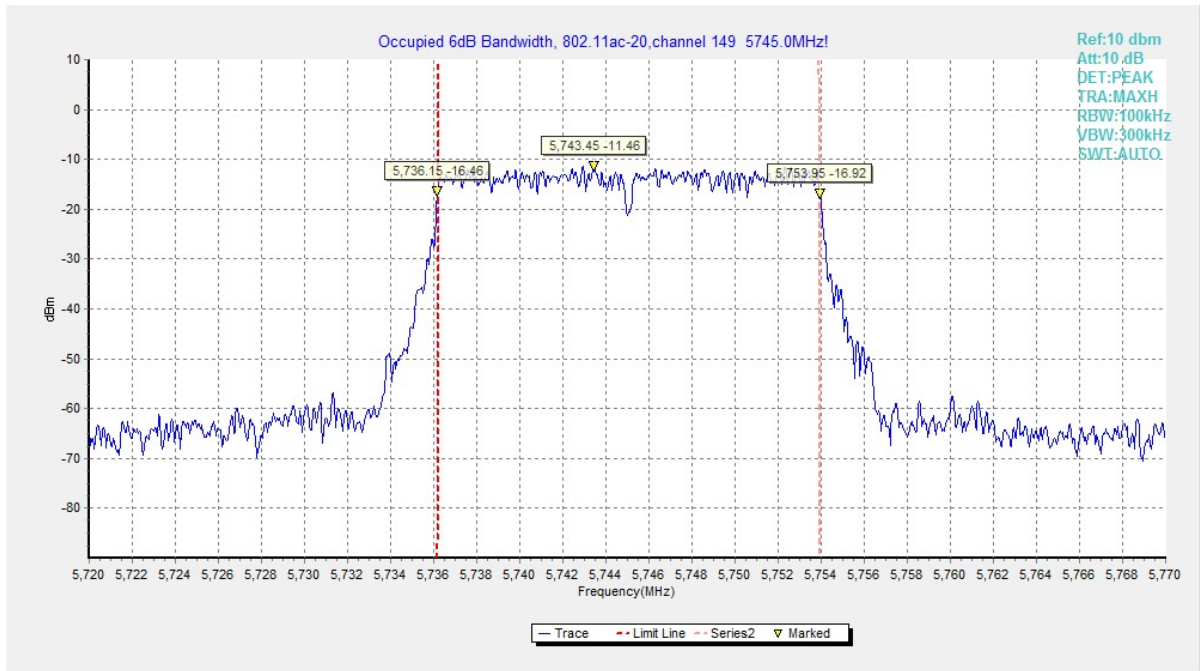
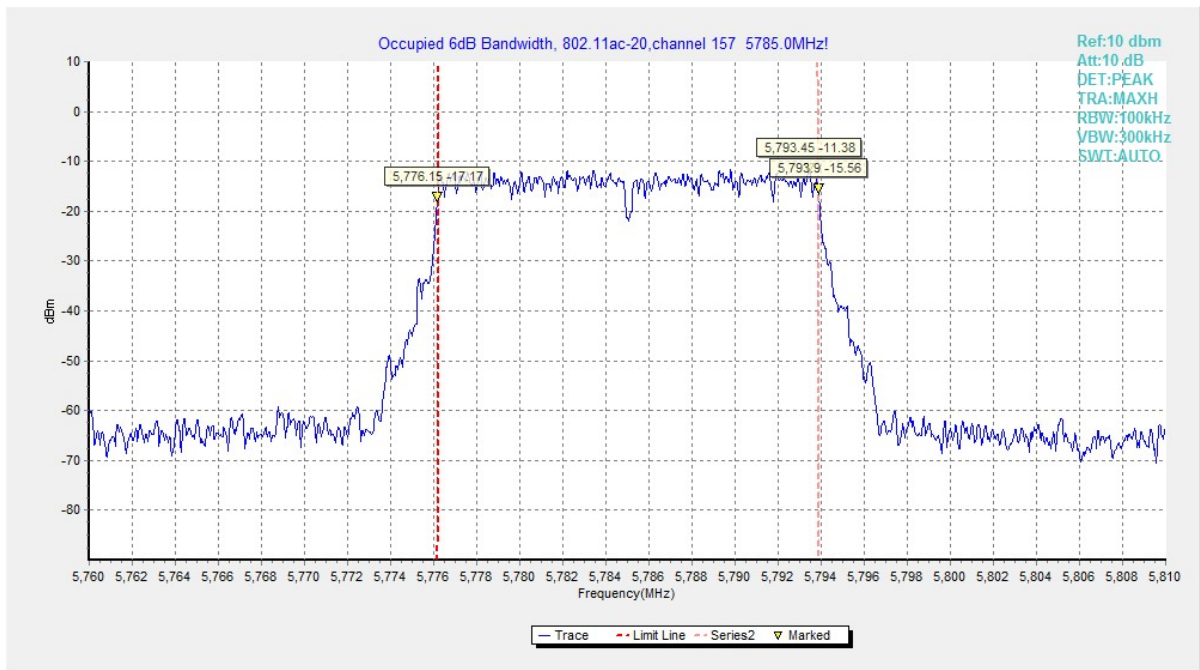


Fig. 6 Occupied 6dB Bandwidth (802.11n20, Ch 165)





**Fig. 7 Occupied 6dB Bandwidth (802.11ac20, Ch 149)**



**Fig. 8 Occupied 6dB Bandwidth (802.11ac20, Ch 157)**

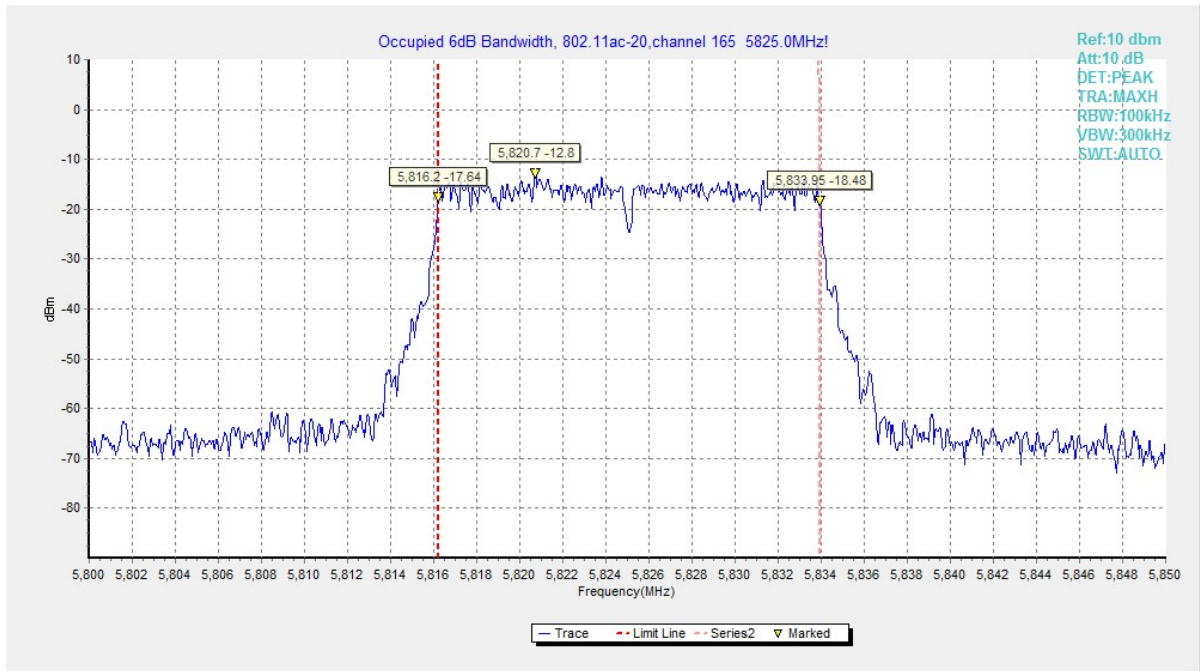


Fig. 9 Occupied 6dB Bandwidth (802.11ac20, Ch 165)

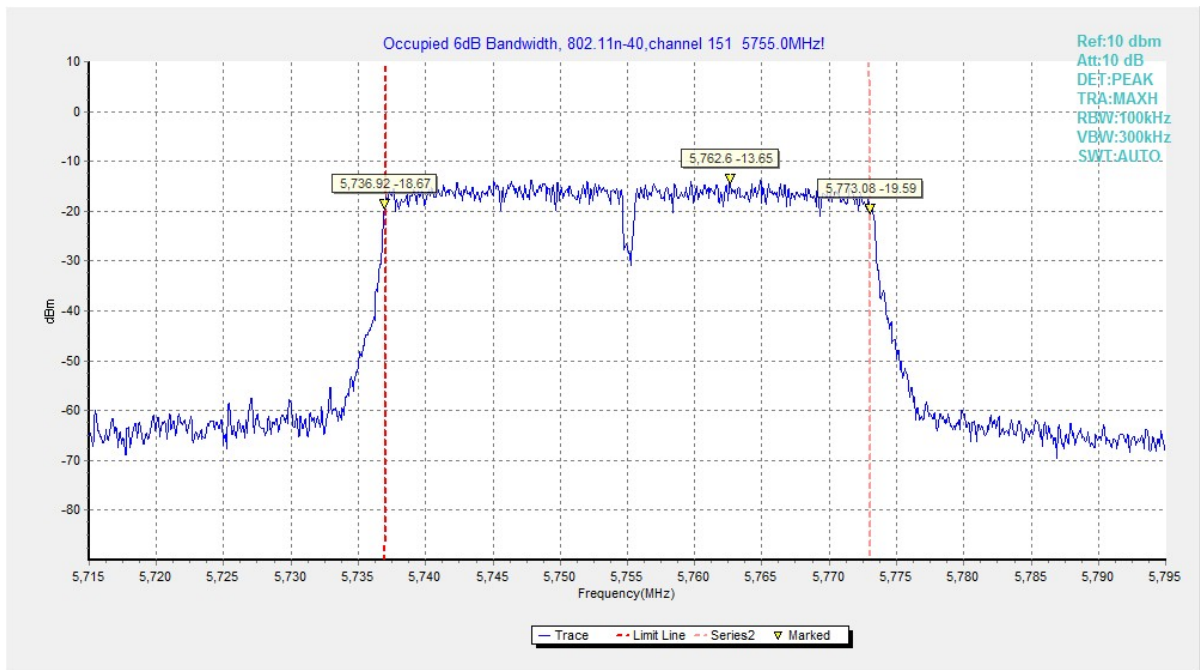
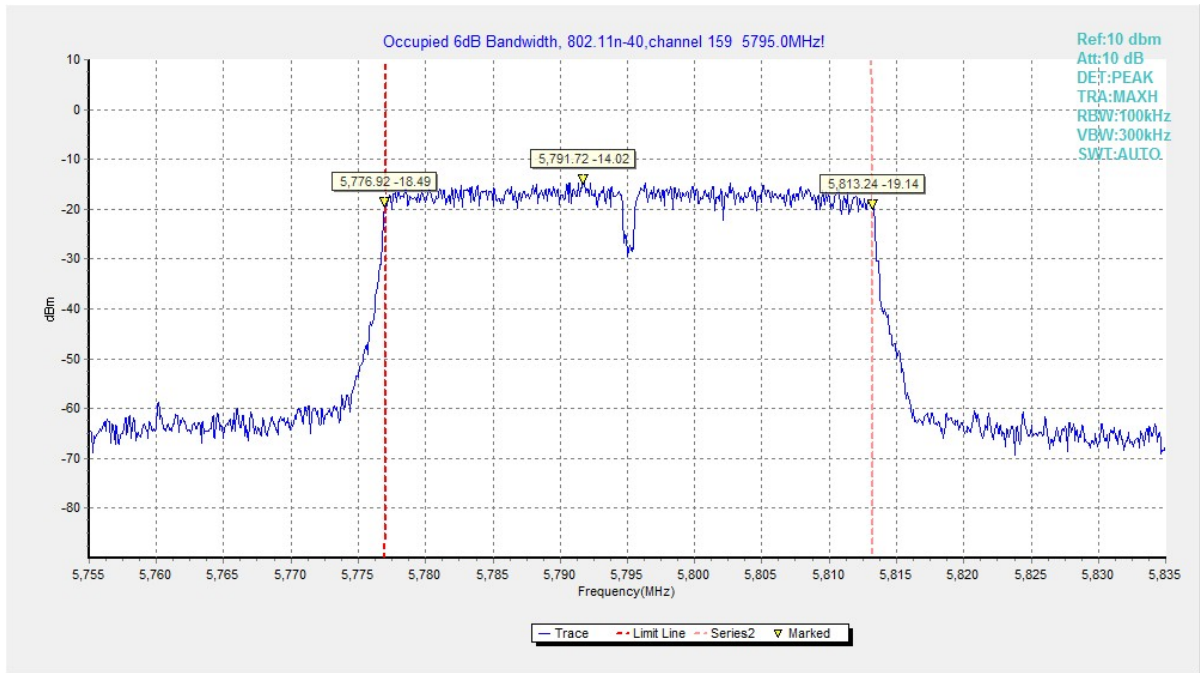
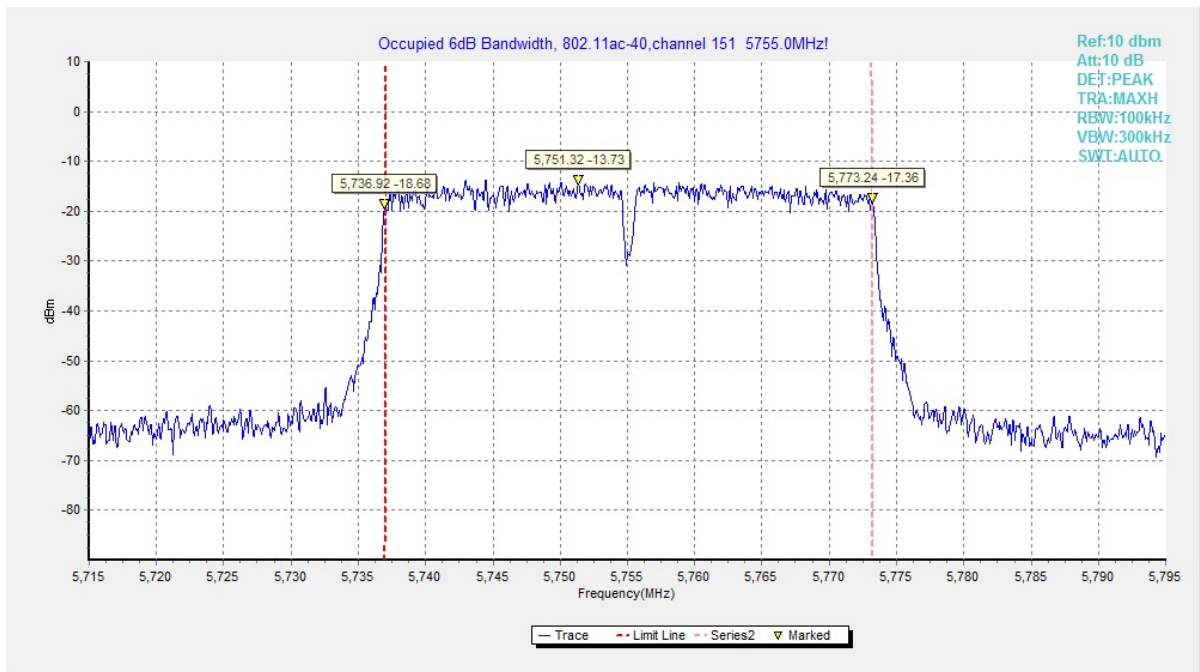


Fig. 10 Occupied 6dB Bandwidth (802.11n40, Ch 151)



**Fig. 11 Occupied 6dB Bandwidth (802.11n40, Ch 159)**



**Fig. 12 Occupied 6dB Bandwidth (802.11ac40, Ch 151)**

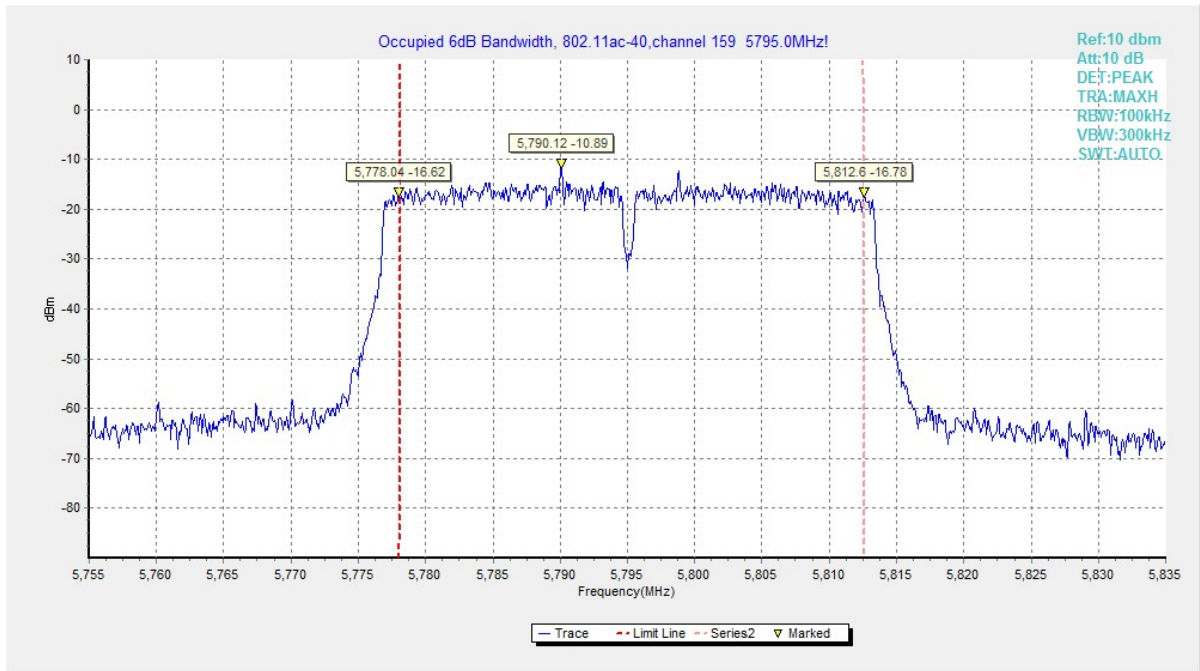


Fig. 13 Occupied 6dB Bandwidth (802.11ac40, Ch 159)

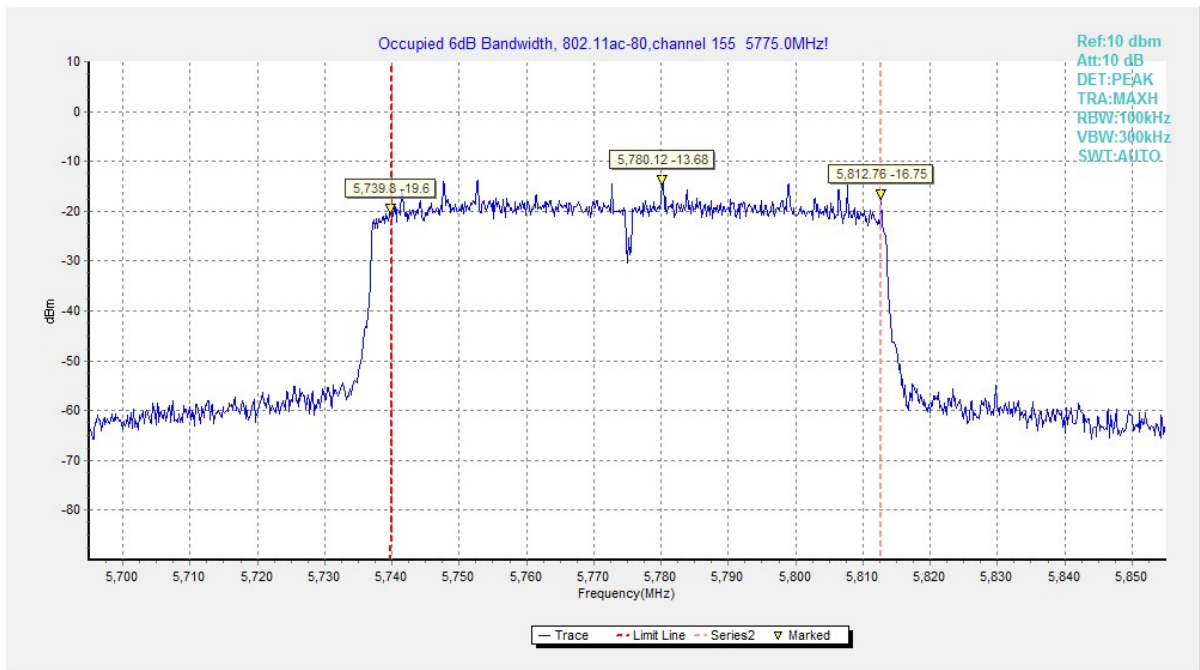


Fig. 14 Occupied 6dB Bandwidth (802.11ac80, Ch 155)

### A.5. Transmitter Spurious Emission

**Measurement Limit:**

Standard	Frequency (MHz)	Limit (dBm/MHz)
FCC 47 CFR Part 15.407	5725MHz~5850MHz	< -27

The measurement is made according to ANSI C63.10 .

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

Frequency of emission (MHz)	Field strength(uV/m)	Field strength(dBuV/m)
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

**Measurement Uncertainty:**

Frequency Range	Uncertainty(dB)
30MHz ≤ f ≤ 2GHz	0.63
2GHz ≤ f ≤3.6GHz	0.82
3.6GHz ≤ f ≤8GHz	1.55
8GHz ≤ f ≤20GHz	1.86
20GHz ≤ f ≤22GHz	1.90
22GHz ≤ f ≤26GHz	2.20

#### A.5.1 Transmitter Spurious Emission - Conducted

**Measurement Results:**

**802.11a mode**

MODE	Channel	Frequency Range	Test Results	Conclusion
802.11a	149	30 MHz ~ 1 GHz	Fig.15	P
		1 GHz ~ 12 GHz	Fig.16	P
		12 GHz ~ 25 GHz	Fig.17	P
		25 GHz ~ 40 GHz	Fig.18	P
	157	30 MHz ~ 1 GHz	Fig.19	P
		1 GHz ~ 12 GHz	Fig.20	P
		12 GHz ~ 25 GHz	Fig.21	P
		25 GHz ~ 40 GHz	Fig.22	P
	165	30 MHz ~ 1 GHz	Fig.23	P
		1 GHz ~ 12 GHz	Fig.24	P
		12 GHz ~ 25 GHz	Fig.25	P
		25 GHz ~ 40 GHz	Fig.26	P

**802.11n-HT20 mode**

MODE	Channel	Frequency Range	Test Results	Conclusion
802.11n-HT 20	149	30 MHz ~ 1 GHz	Fig.27	P
		1 GHz ~ 12 GHz	Fig.28	P
		12 GHz ~ 25 GHz	Fig.29	P
		25 GHz ~ 40 GHz	Fig.30	P
	157	30 MHz ~ 1 GHz	Fig.31	P
		1 GHz ~ 12 GHz	Fig.32	P
		12 GHz ~ 25 GHz	Fig.33	P
		25 GHz ~ 40 GHz	Fig.34	P
	165	30 MHz ~ 1 GHz	Fig.35	P
		1 GHz ~ 12 GHz	Fig.36	P
		12 GHz ~ 25 GHz	Fig.37	P
		25 GHz ~ 40 GHz	Fig.38	P

**802.11ac-HT20 mode**

MODE	Channel	Frequency Range	Test Results	Conclusion
802.11ac-H T20	149	30 MHz ~ 1 GHz	Fig.39	P
		1 GHz ~ 12 GHz	Fig.40	P
		12 GHz ~ 25 GHz	Fig.41	P
		25 GHz ~ 40 GHz	Fig.42	P
	157	30 MHz ~ 1 GHz	Fig.43	P
		1 GHz ~ 12 GHz	Fig.44	P
		12 GHz ~ 25 GHz	Fig.45	P
		25 GHz ~ 40 GHz	Fig.46	P
	165	30 MHz ~ 1 GHz	Fig.47	P
		1 GHz ~ 12 GHz	Fig.48	P
		12 GHz ~ 25 GHz	Fig.49	P
		25 GHz ~ 40 GHz	Fig.50	P

**802.11n-HT40 mode**

MODE	Channel	Frequency Range	Test Results	Conclusion
802.11n-HT 40	151	30 MHz ~ 1 GHz	Fig.51	P
		1 GHz ~ 12 GHz	Fig.52	P
		12 GHz ~ 25 GHz	Fig.53	P
		25 GHz ~ 40 GHz	Fig.54	P
	159	30 MHz ~ 1 GHz	Fig.55	P
		1 GHz ~ 12 GHz	Fig.56	P
		12 GHz ~ 25 GHz	Fig.57	P
		25 GHz ~ 40 GHz	Fig.58	P

**802.11ac-HT40 mode**

MODE	Channel	Frequency Range	Test Results	Conclusion
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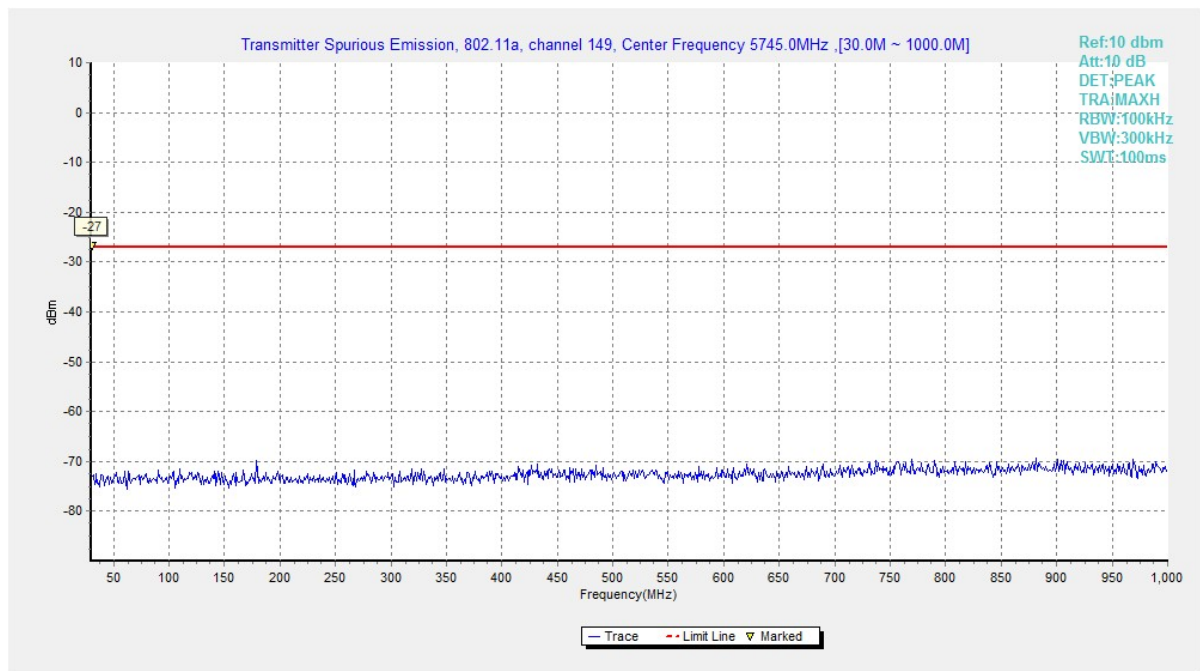
802.11ac-H T40	151	30 MHz ~ 1 GHz	Fig.59	P
		1 GHz ~ 12 GHz	Fig.60	P
		12 GHz ~ 25 GHz	Fig.61	P
		25 GHz ~ 40 GHz	Fig.62	P
	159	30 MHz ~ 1 GHz	Fig.63	P
		1 GHz ~ 12 GHz	Fig.64	P
		12 GHz ~ 25 GHz	Fig.65	P
		25 GHz ~ 40 GHz	Fig.66	P

**802.11ac-HT80 mode**

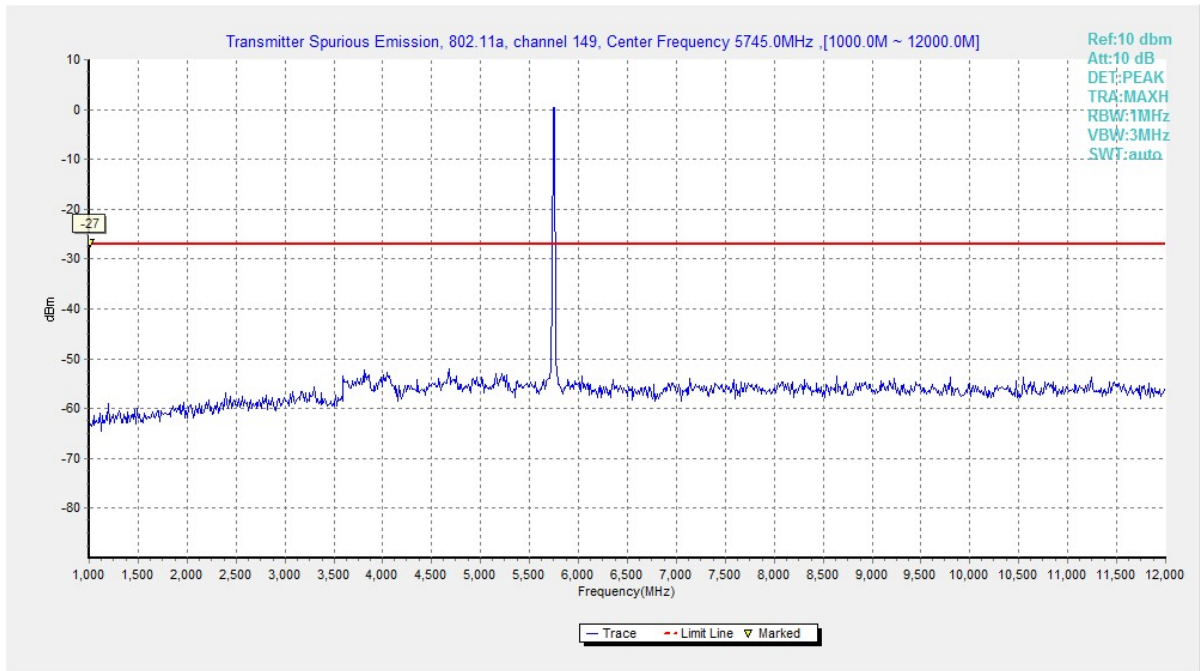
MODE	Channel	Frequency Range	Test Results	Conclusion
802.11ac-H T80	155	30 MHz ~ 1 GHz	Fig.67	P
		1 GHz ~ 12 GHz	Fig.68	P
		12 GHz ~ 25 GHz	Fig.69	P
		25 GHz ~ 40 GHz	Fig.70	P

**Conclusion: PASS**

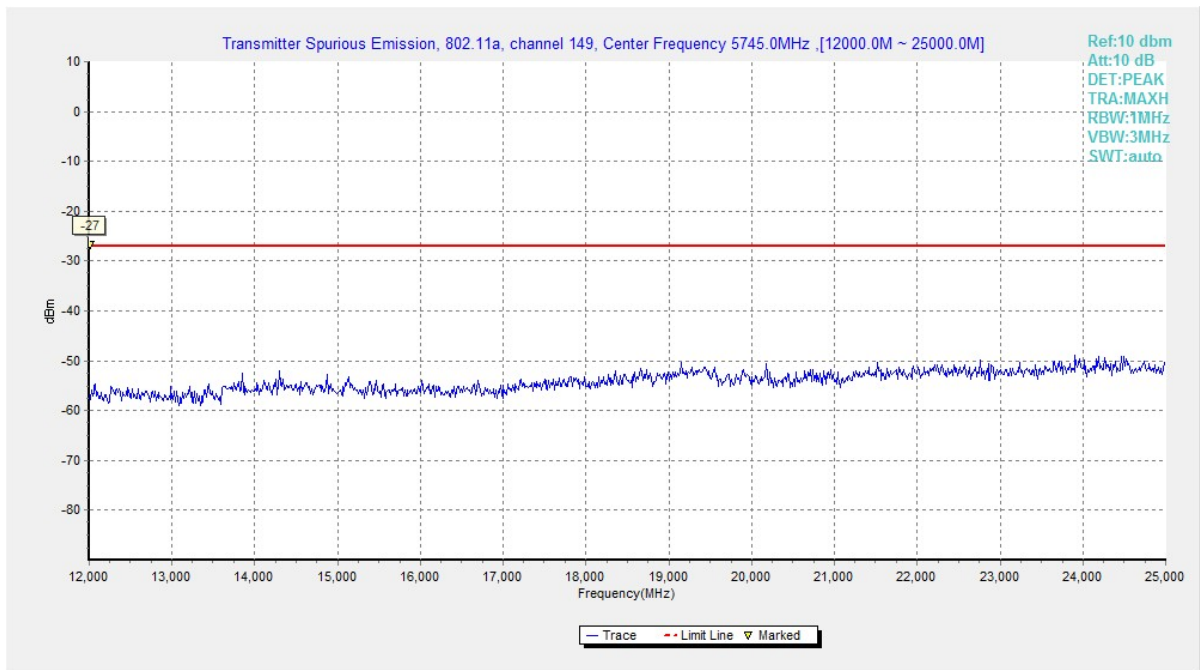
**Test graphs as below:**



**Fig. 15 Conducted Spurious Emission (802.11a, Ch149 , 30 MHz ~ 1 GHz)**



**Fig. 16 Conducted Spurious Emission (802.11a, Ch149 , 1 GHz ~ 12 GHz)**



**Fig. 17 Conducted Spurious Emission (802.11a, Ch149 , 12 GHz ~ 25 GHz)**



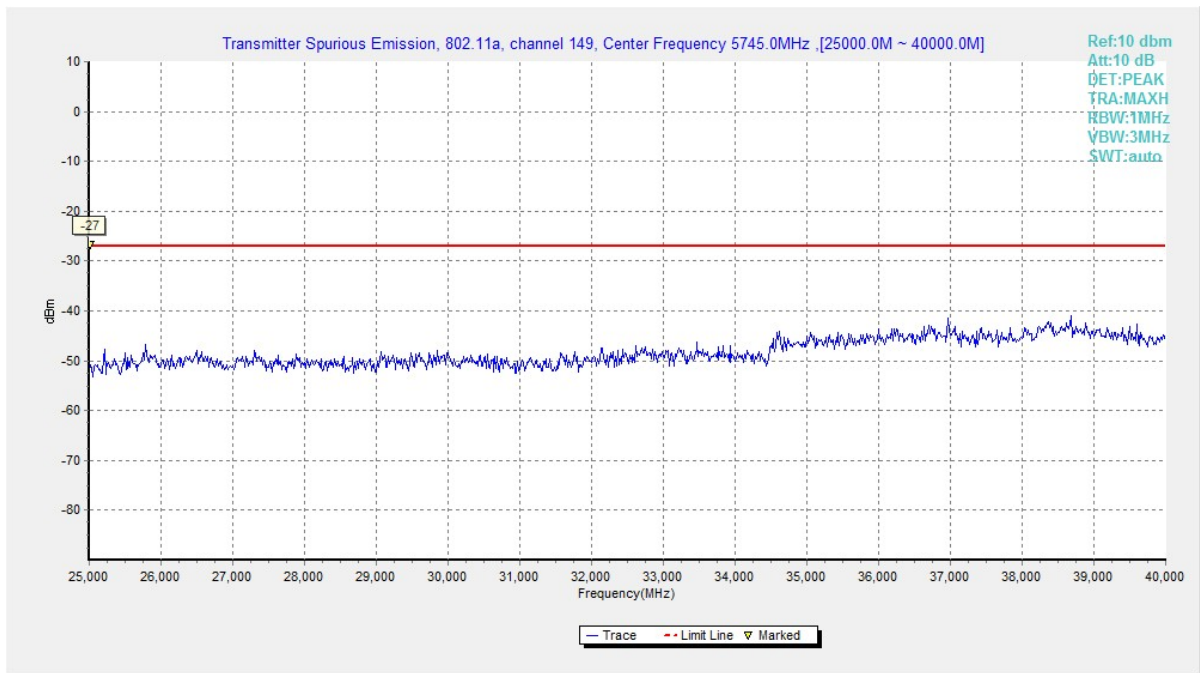


Fig. 18 Conducted Spurious Emission (802.11a, Ch149 , 25 GHz ~ 40 GHz)

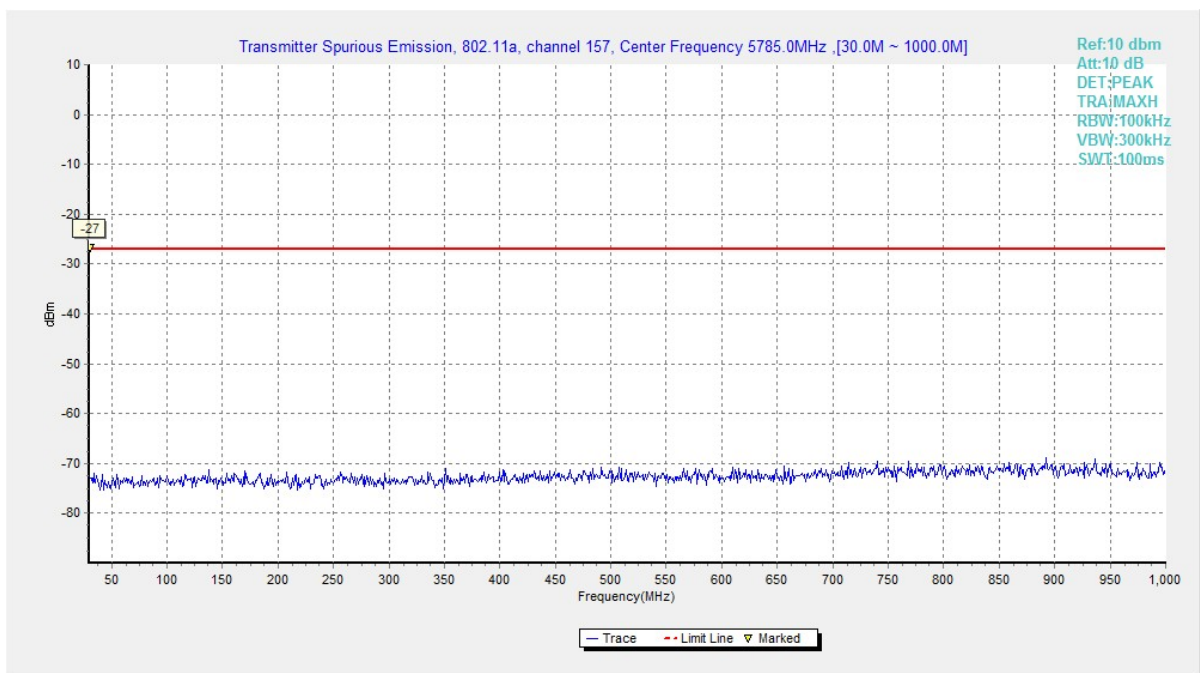


Fig. 19 Conducted Spurious Emission (802.11a, Ch157 , 30 MHz ~ 1 GHz)

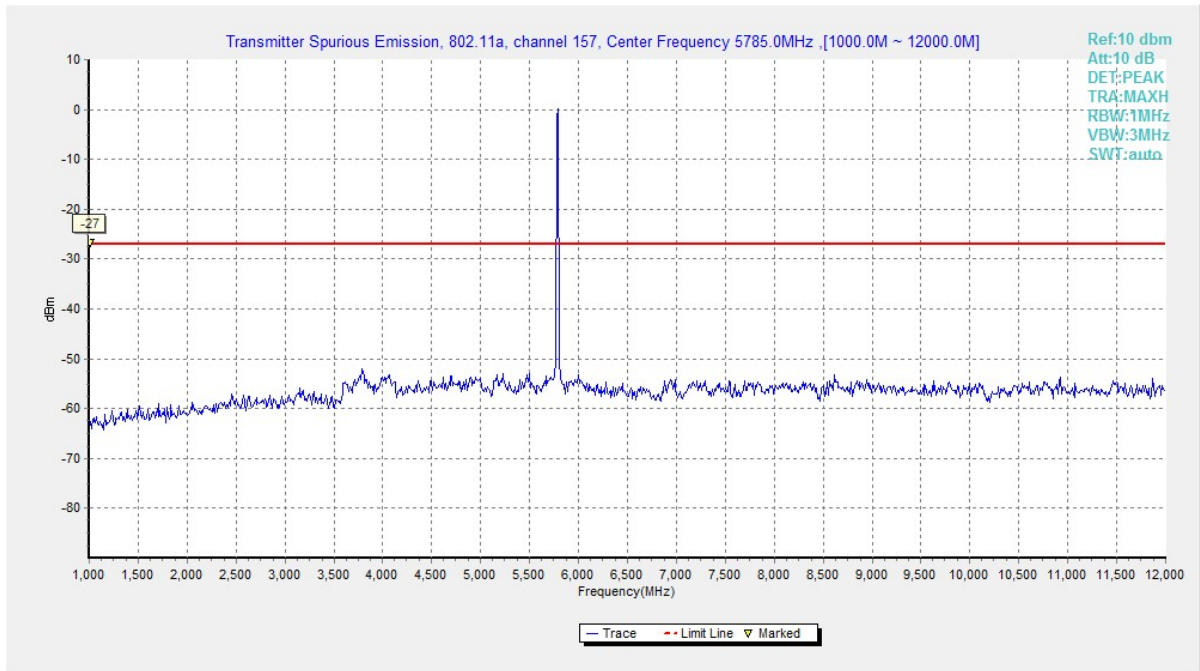


Fig. 20 Conducted Spurious Emission (802.11a, Ch157 , 1 GHz ~ 12 GHz)

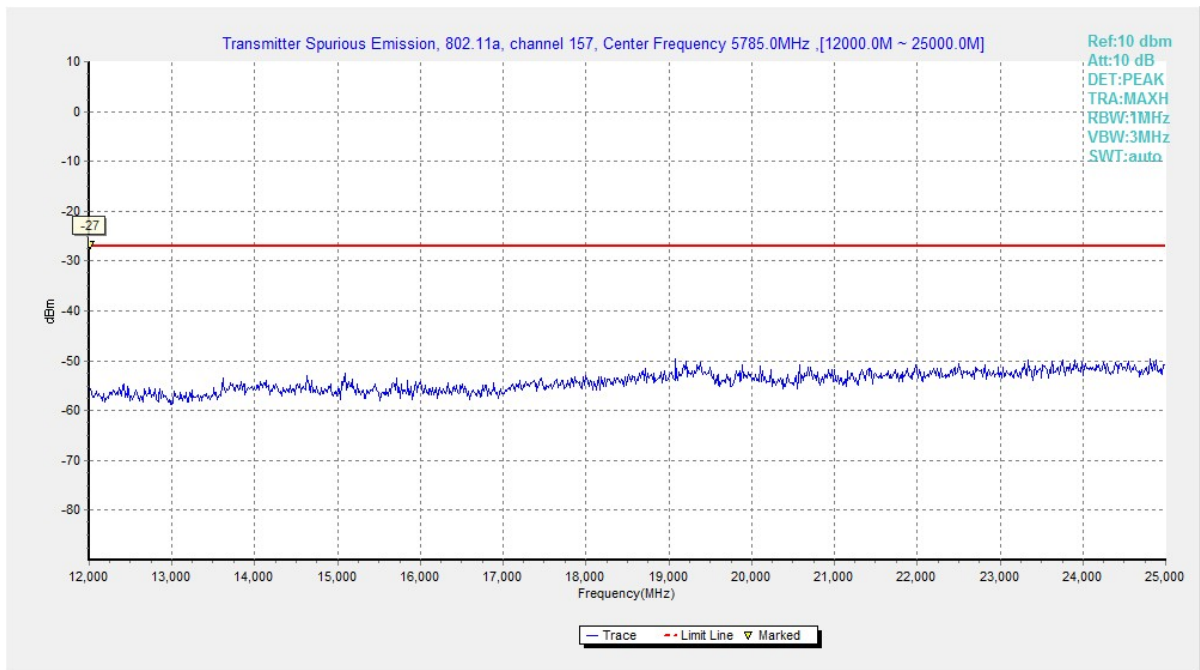


Fig. 21 Conducted Spurious Emission (802.11a, Ch157 , 12 GHz ~ 25 GHz)

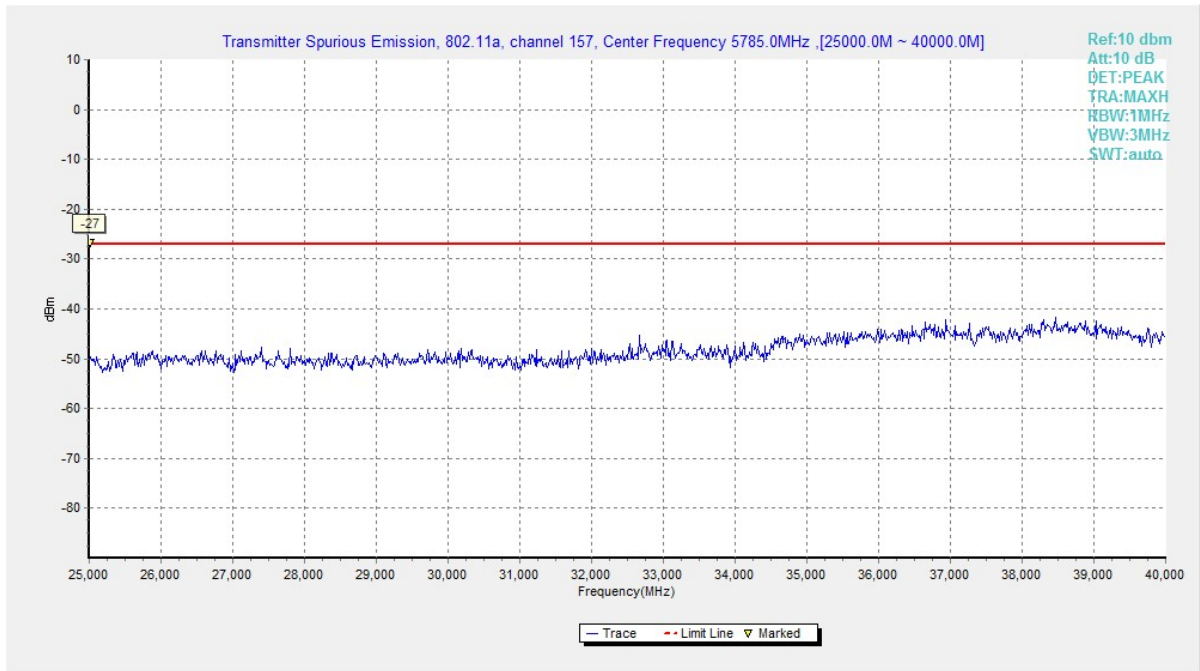


Fig. 22 Conducted Spurious Emission (802.11a, Ch157 , 25 GHz ~ 40 GHz)

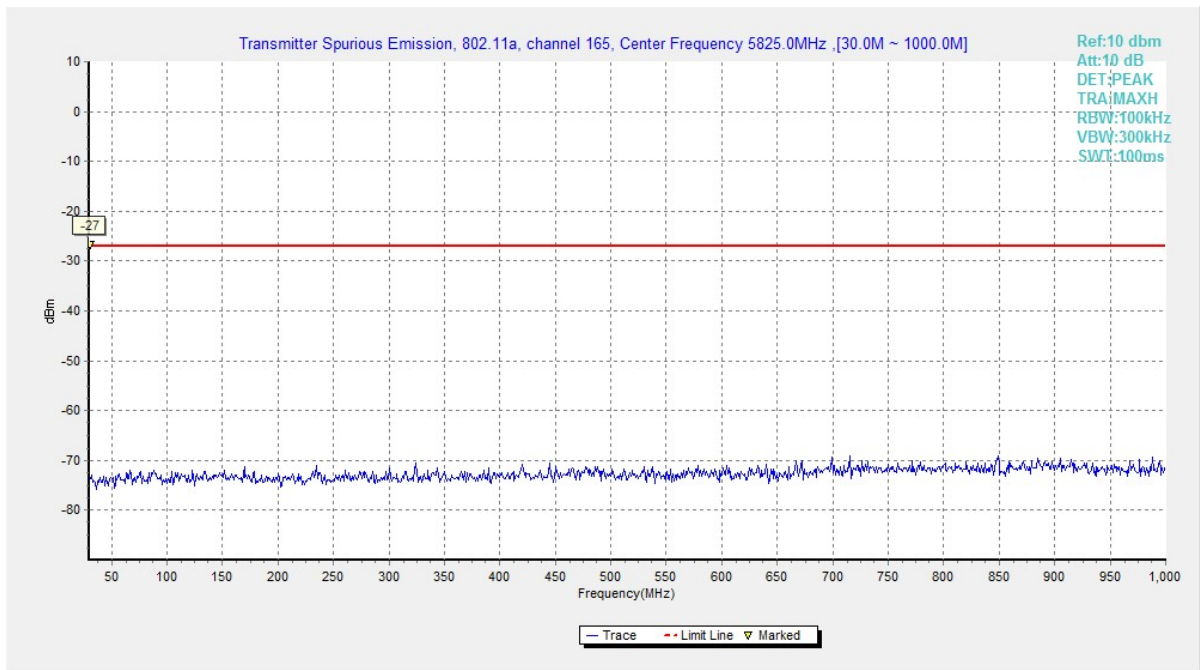
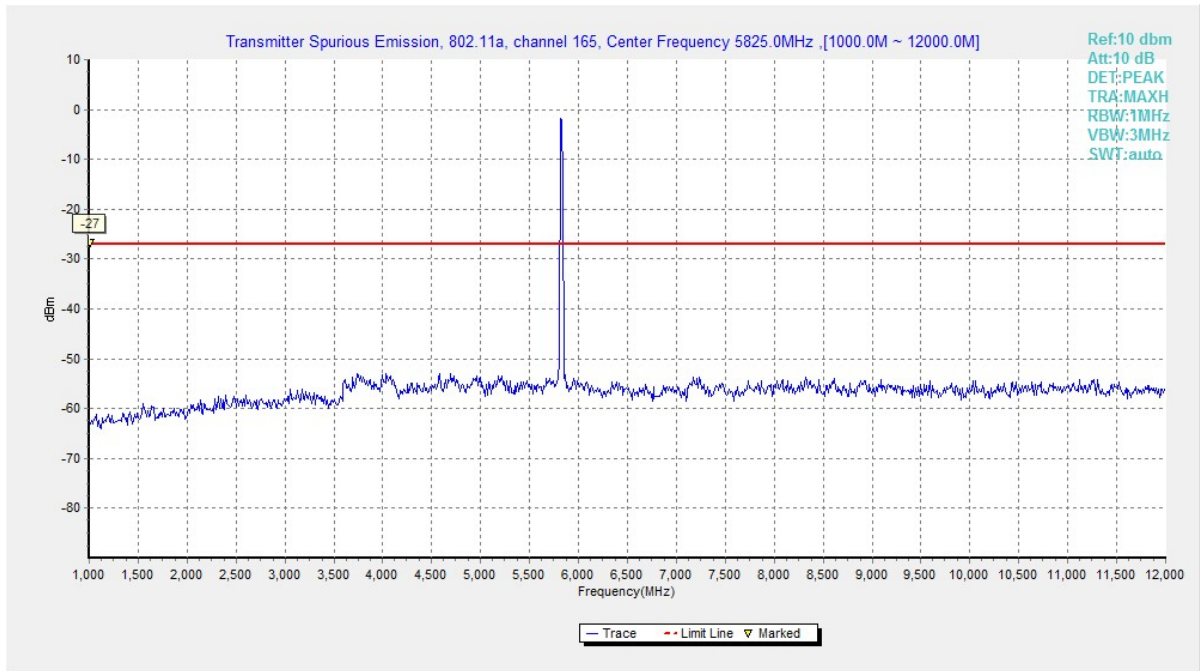
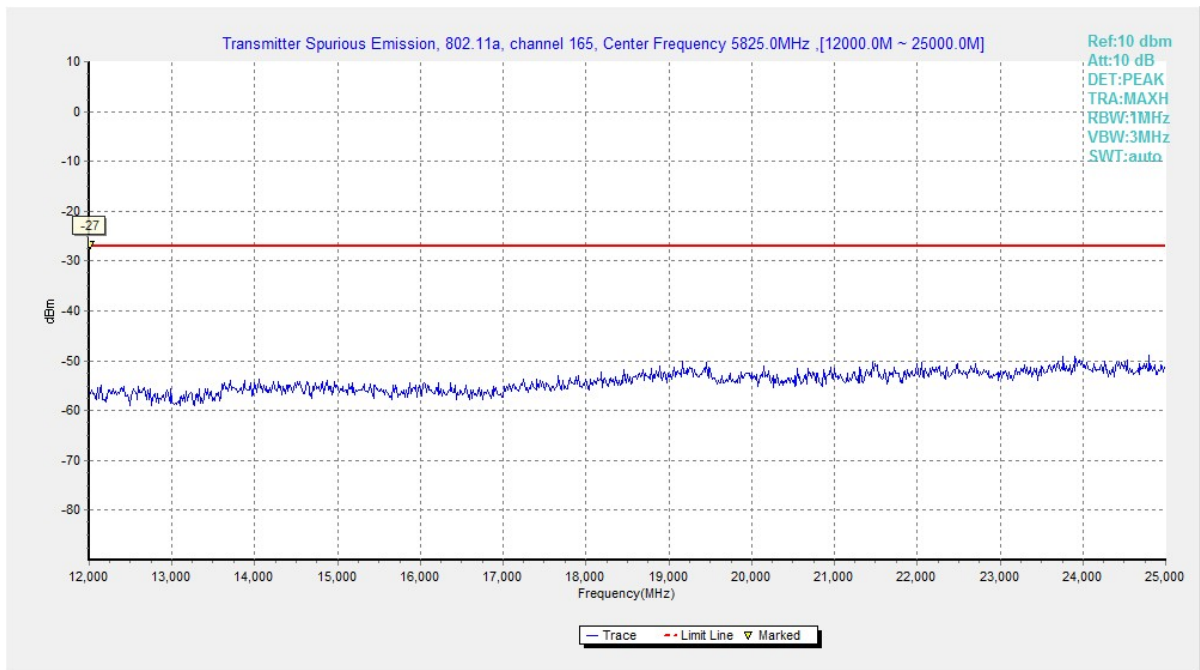


Fig. 23 Conducted Spurious Emission (802.11a, Ch165 , 30 MHz ~ 1 GHz)



**Fig. 24** Conducted Spurious Emission (802.11a, Ch165 , 1 GHz ~ 12 GHz)



**Fig. 25** Conducted Spurious Emission (802.11a, Ch165 , 12 GHz ~ 25 GHz)

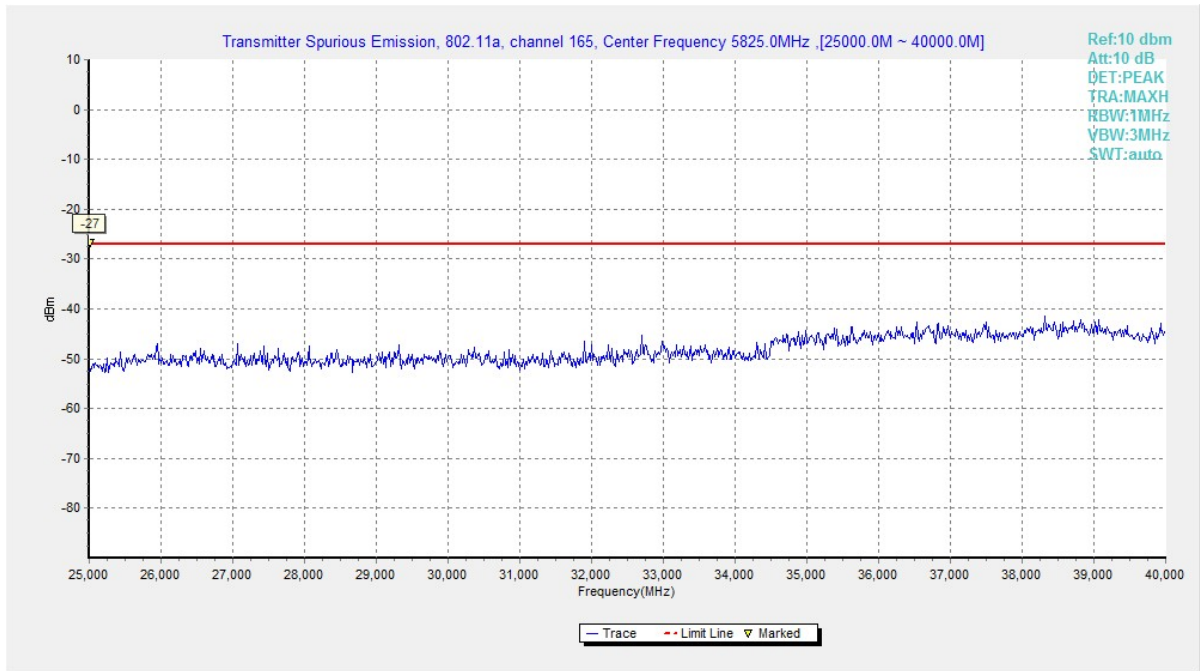


Fig. 26 Conducted Spurious Emission (802.11a, Ch165 , 25 GHz ~ 40 GHz)

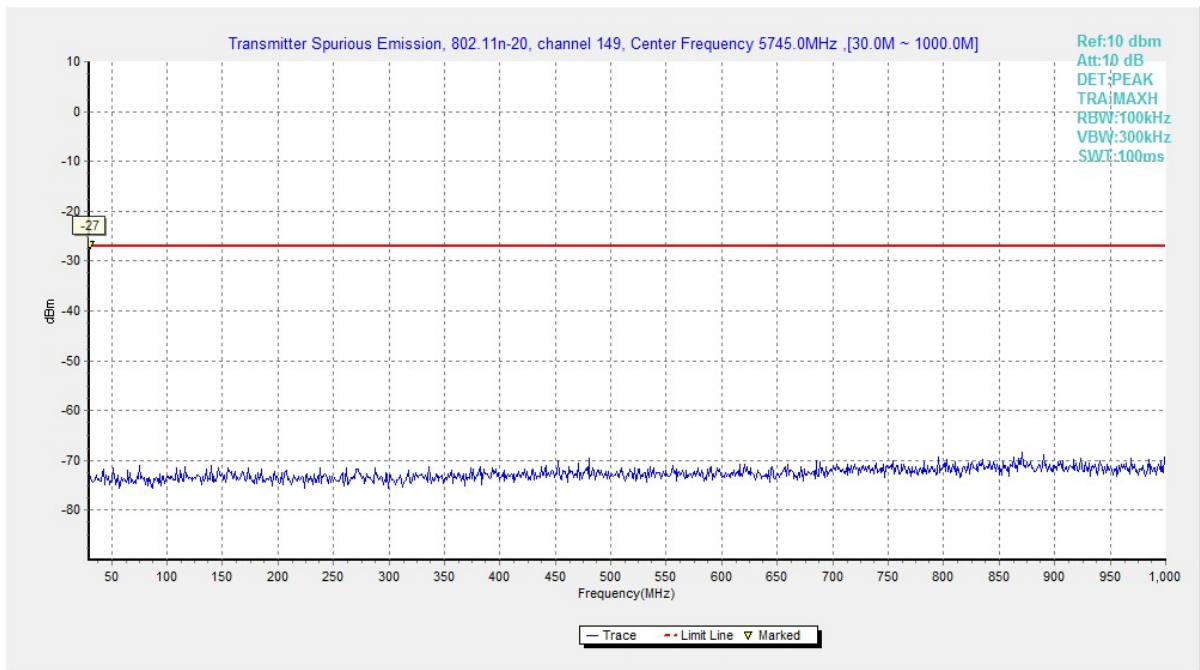
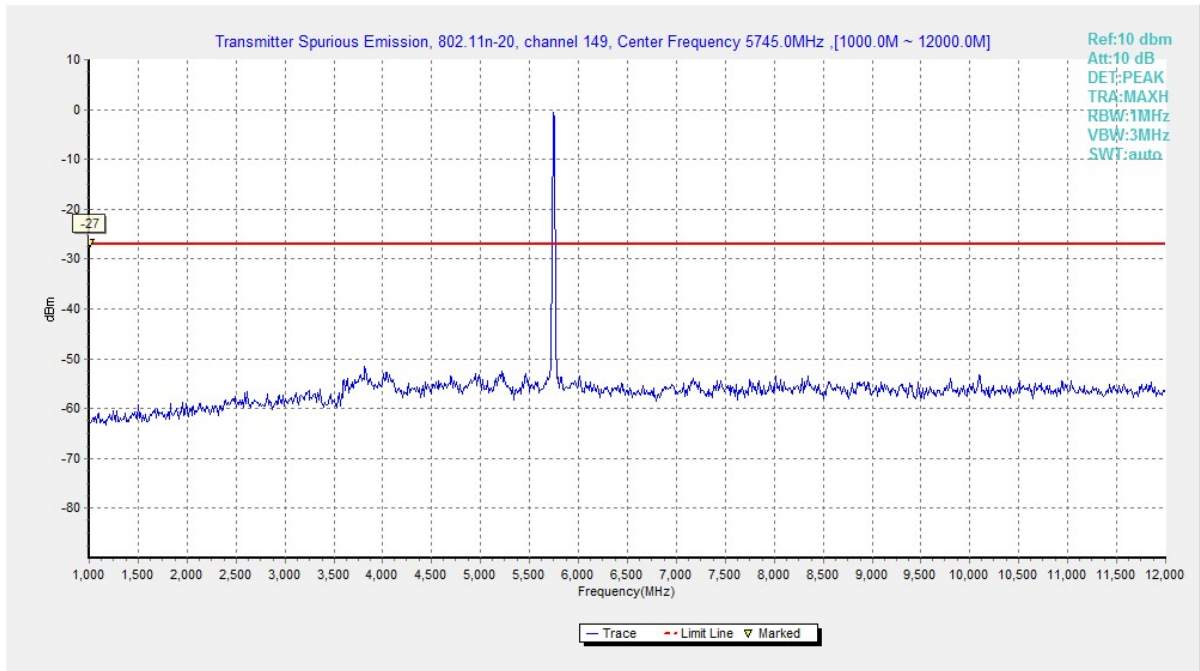
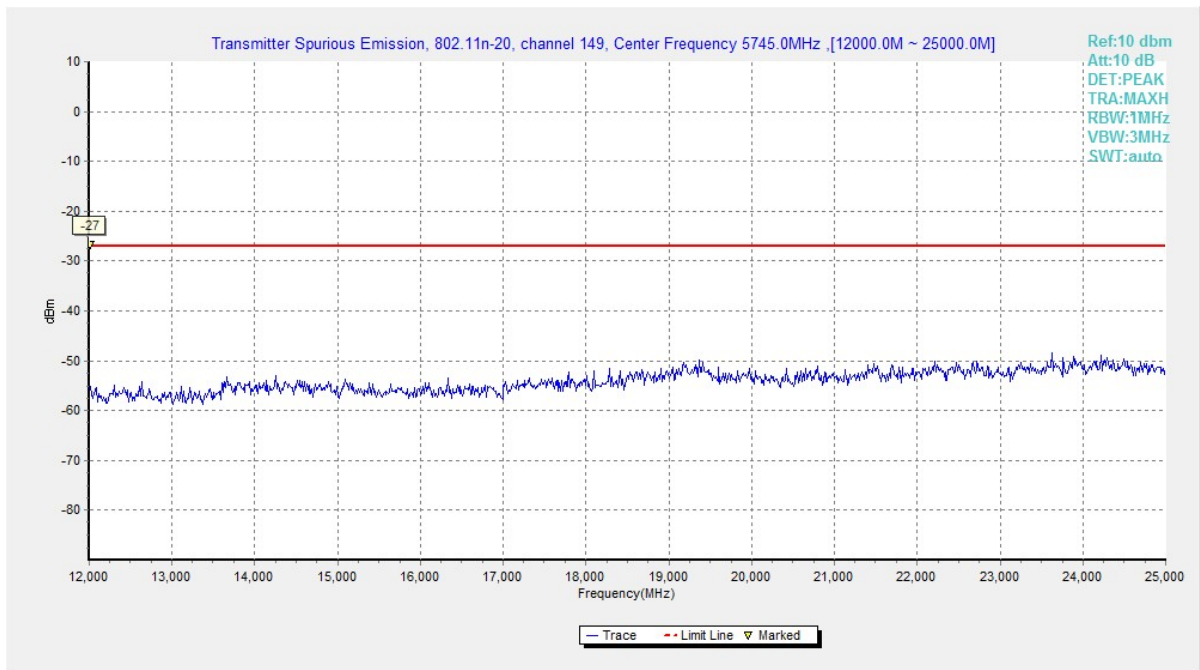


Fig. 27 Conducted Spurious Emission (802.11n20, Ch149 , 30 MHz ~ 1 GHz)



**Fig. 28** Conducted Spurious Emission (802.11n20, Ch149 , 1 GHz ~ 12 GHz)



**Fig. 29** Conducted Spurious Emission (802.11n20, Ch149 , 12 GHz ~ 25 GHz)

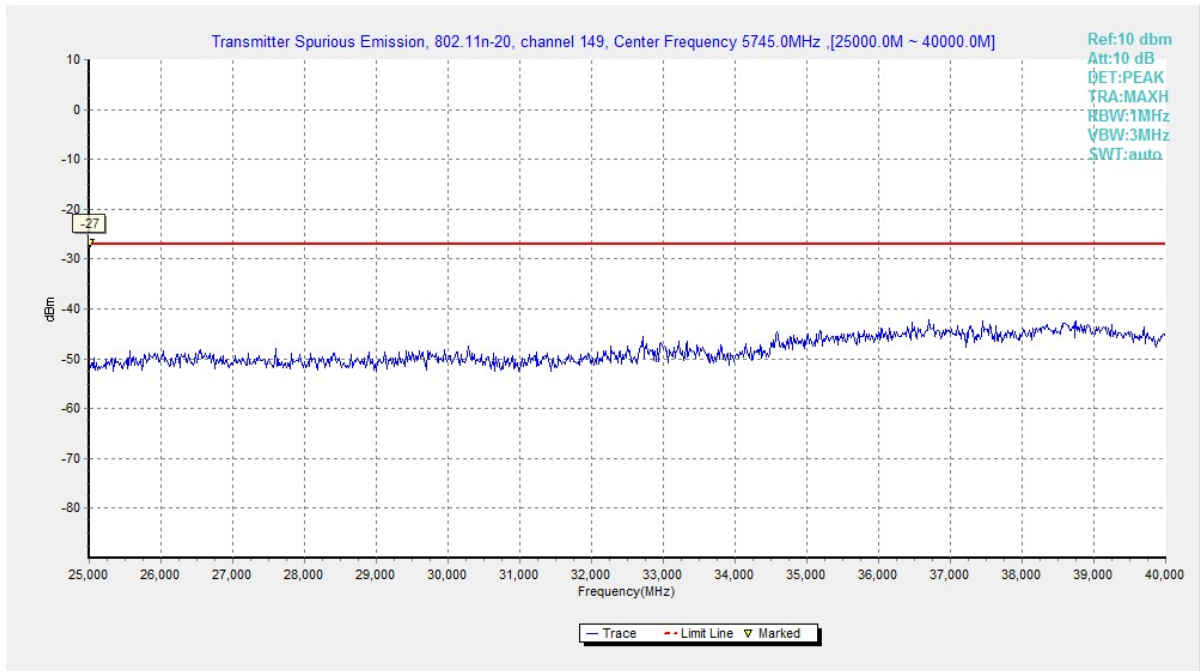


Fig. 30 Conducted Spurious Emission (802.11n20, Ch149 , 25 GHz ~ 40 GHz)

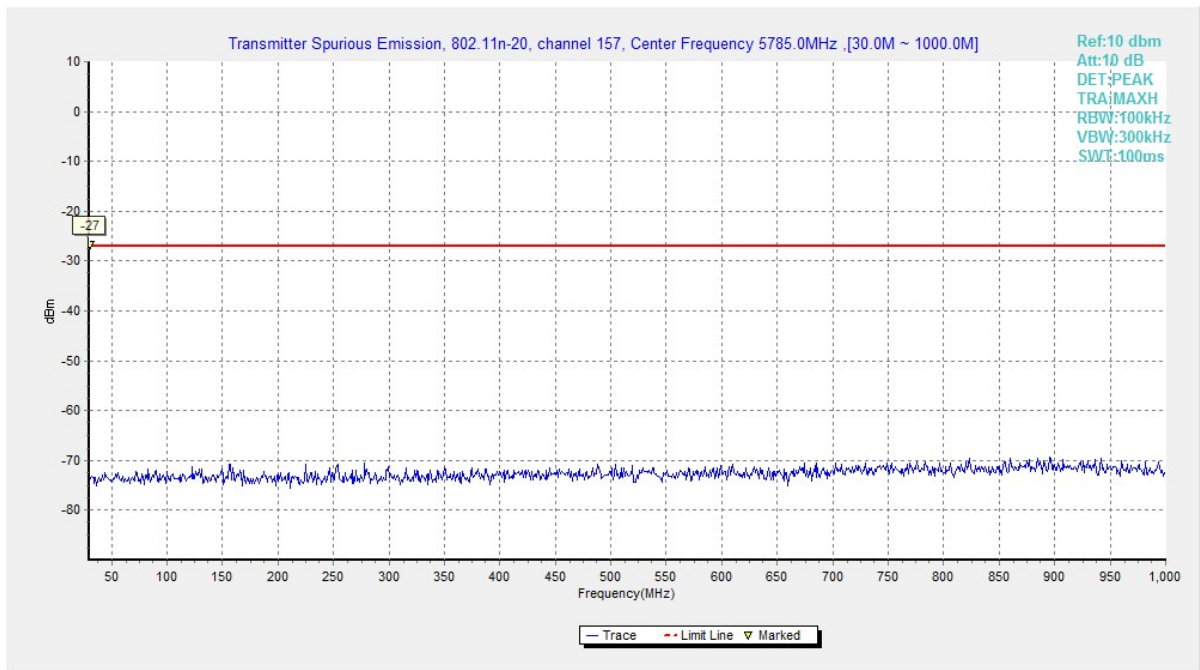
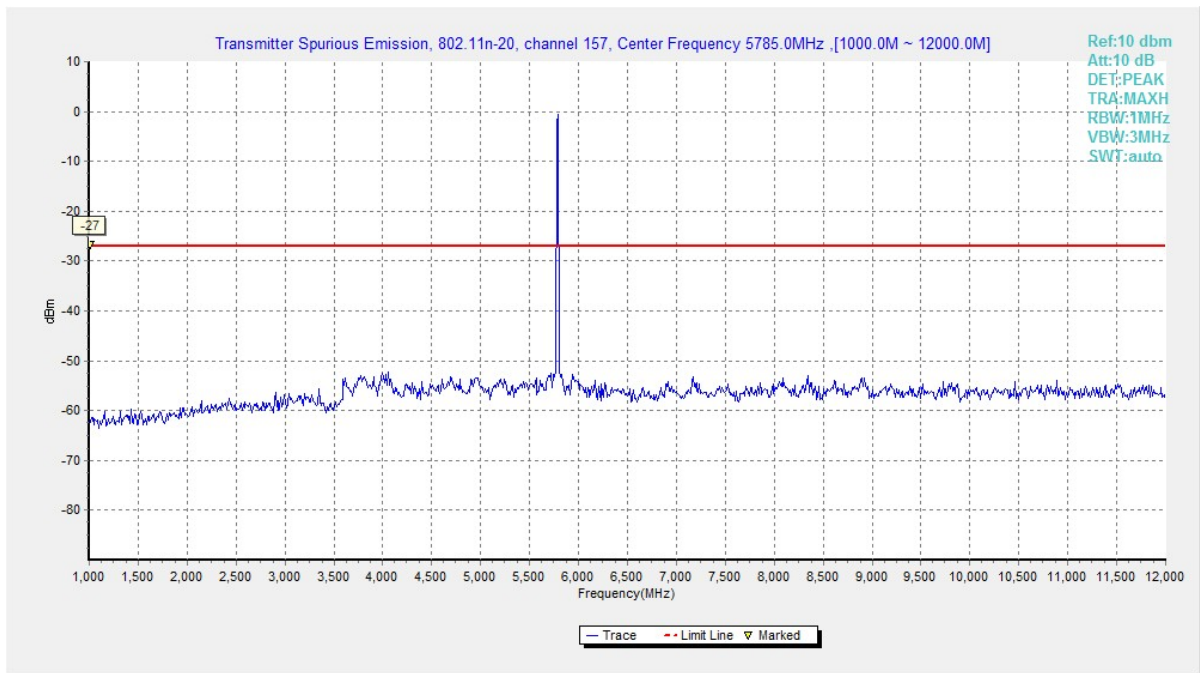
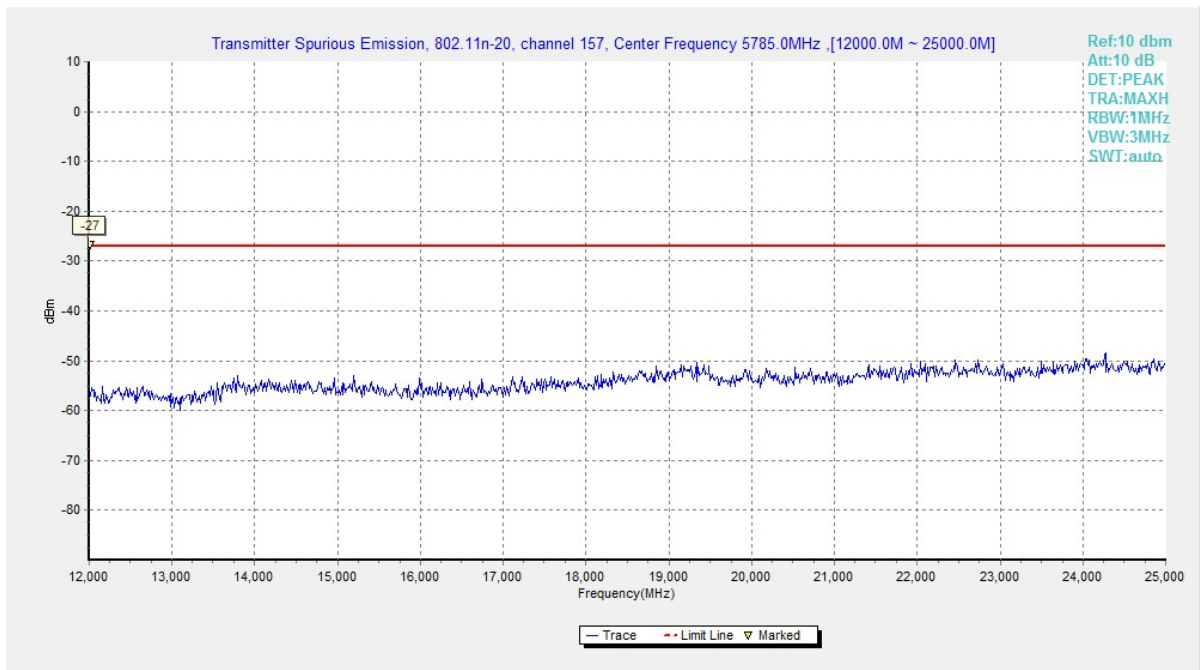


Fig. 31 Conducted Spurious Emission (802.11n20, Ch157 , 30 MHz ~ 1 GHz)



**Fig. 32** Conducted Spurious Emission (802.11n20, Ch157 , 1 GHz ~ 12 GHz)



**Fig. 33** Conducted Spurious Emission (802.11n20, Ch157 , 12 GHz ~ 25 GHz)