



**FCC PART 15E
TEST REPORT
No. B17N00263-RLAN02**

for

HUAWEI Technologies Co., Ltd.

HUAWEI MediaPad T3

Model Name: KOB-W09

With

Hardware Version: REACHW-V1.0

Software Version: KOB-W09C331B002-log

FCC ID: QISKOB-W09

Issued Date: 2017-06-16

Test Laboratory:

FCC 2.948 Listed: No.342690

Note:

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

Test Laboratory:

CTTL, Telecommunication Technology Labs, Academy of Telecommunication Research, MIIT.

No. 52, Huayuan North Road, Haidian District, Beijing, P. R. China 100191.

Tel: +86(0)10-62304633-2512, Fax: +86(0)10-62304633-2504

Email: ctl_terminals@catr.cn, website: www.chinattl.com



REPORT HISTORY

Report Number	Revision	Description	Issue Date
B17N00263-RLAN02	Rev.0	1st edition	2017-04-10
B17N00263-RLAN02	Rev.1	2nd edition	2017-06-16

CONTENTS

1.	TEST LATORATORY	5
1.1.	TESTING LOCATION	5
1.2.	TESTING ENVIRONMENT.....	5
1.3.	PROJECT DATA	5
1.4.	SIGNATURE	5
2.	CLIENT INFORMATION	6
2.1.	APPLICANT INFORMATION	6
2.2.	MANUFACTURER INFORMATION	6
3.	EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT (AE)	7
3.1.	ABOUT EUT	7
3.2.	INTERNAL IDENTIFICATION OF EUT	7
3.3.	INTERNAL IDENTIFICATION OF AE USED DURING THE TEST	7
4.	REFERENCE DOCUMENTS	8
4.1.	DOCUMENTS SUPPLIED BY APPLICANT	8
4.2.	REFERENCE DOCUMENTS FOR TESTING.....	8
5.	SUMMARY OF TEST RESULTS	9
5.1.	SUMMARY OF TEST RESULTS.....	9
5.2.	STATEMENTS.....	9
5.3.	TERMS USED IN THE RESULT TABLE	9
6.	TEST EQUIPMENTS UTILIZED	10
ANNEX A: MEASUREMENT RESULTS		11
A.1.	MEASUREMENT METHOD	11
A.2.	MAXIMUM PEAK OUTPUT POWER	12
A.3.	PEAK POWER SPECTRAL DENSITY	14
A.4.	OCCUPIED 6dB BANDWIDTH	15
FIG. 1	OCCUPIED 6dB BANDWIDTH (802.11A, CH 149).....	15
FIG. 2	OCCUPIED 6dB BANDWIDTH (802.11A, CH 157).....	16
FIG. 3	OCCUPIED 6dB BANDWIDTH (802.11A, CH 165).....	16
FIG. 4	OCCUPIED 6dB BANDWIDTH (802.11N-HT20, CH 149).....	17
FIG. 5	OCCUPIED 6dB BANDWIDTH (802.11N-HT20, CH 157)	17
FIG. 6	OCCUPIED 6dB BANDWIDTH (802.11N-HT20, CH 165).....	18
FIG. 7	OCCUPIED 6dB BANDWIDTH (802.11N-HT40, CH 151).....	18
FIG. 8	OCCUPIED 6dB BANDWIDTH (802.11N-HT40, CH 159).....	19
A.5.	TRANSMITTER SPURIOUS EMISSION	20
FIG. 9	CONDUCTED SPURIOUS EMISSION (802.11A, CH149, 30 MHz-1 GHz).....	21
FIG. 10	CONDUCTED SPURIOUS EMISSION (802.11A, CH149, 1 GHz -12 GHz).....	22
FIG. 11	CONDUCTED SPURIOUS EMISSION (802.11A, CH149, 12 GHz-25 GHz)	22

FIG. 12	CONDUCTED SPURIOUS EMISSION (802.11A, CH149, 25 GHz-40 GHz)	23
FIG. 13	CONDUCTED SPURIOUS EMISSION (802.11A, CH157, 30 MHz-1 GHz).....	23
FIG. 14	CONDUCTED SPURIOUS EMISSION (802.11A, CH157, 1 GHz -12 GHz).....	24
FIG. 15	CONDUCTED SPURIOUS EMISSION (802.11A, CH157, 12 GHz-25 GHz)	24
FIG. 16	CONDUCTED SPURIOUS EMISSION (802.11A, CH157, 25 GHz-40 GHz)	25
FIG. 17	CONDUCTED SPURIOUS EMISSION (802.11A, CH165, 30 MHz-1 GHz).....	25
FIG. 18	CONDUCTED SPURIOUS EMISSION (802.11A, CH165, 1 GHz -12 GHz).....	26
FIG. 19	CONDUCTED SPURIOUS EMISSION (802.11A, CH165, 12 GHz-25 GHz)	26
FIG. 20	CONDUCTED SPURIOUS EMISSION (802.11A, CH165, 25 GHz-40 GHz)	27
FIG. 21	CONDUCTED SPURIOUS EMISSION (802.11N-HT20, CH149, 30 MHz-1 GHz)	27
FIG. 22	CONDUCTED SPURIOUS EMISSION (802.11N-HT20, CH149, 1 GHz -12 GHz).....	28
FIG. 23	CONDUCTED SPURIOUS EMISSION (802.11N-HT20, CH149, 12 GHz-25 GHz).....	28
FIG. 24	CONDUCTED SPURIOUS EMISSION (802.11N-HT20, CH149, 25 GHz-40 GHz).....	29
FIG. 25	CONDUCTED SPURIOUS EMISSION (802.11N-HT20, CH157, 30 MHz-1 GHz)	29
FIG. 26	CONDUCTED SPURIOUS EMISSION (802.11N-HT20, CH157, 1 GHz -12 GHz).....	30
FIG. 27	CONDUCTED SPURIOUS EMISSION (802.11N-HT20, CH157, 12 GHz-25 GHz).....	30
FIG. 28	CONDUCTED SPURIOUS EMISSION (802.11N-HT20, CH157, 25 GHz-40 GHz).....	31
FIG. 29	CONDUCTED SPURIOUS EMISSION (802.11N-HT20, CH165, 30 MHz-1 GHz)	31
FIG. 30	CONDUCTED SPURIOUS EMISSION (802.11N-HT20, CH165, 1 GHz -12 GHz).....	32
FIG. 31	CONDUCTED SPURIOUS EMISSION (802.11N-HT20, CH165, 12 GHz-25 GHz).....	32
FIG. 32	CONDUCTED SPURIOUS EMISSION (802.11N-HT20, CH165, 25 GHz-40 GHz).....	33
FIG. 33	CONDUCTED SPURIOUS EMISSION (802.11N-HT40, CH151, 30 MHz-1 GHz)	33
FIG. 34	CONDUCTED SPURIOUS EMISSION (802.11N-HT40, CH151, 1 GHz -12 GHz).....	34
FIG. 35	CONDUCTED SPURIOUS EMISSION (802.11N-HT40, CH151, 12 GHz-25 GHz).....	34
FIG. 36	CONDUCTED SPURIOUS EMISSION (802.11N-HT40, CH151, 25 GHz-40 GHz).....	35
FIG. 37	CONDUCTED SPURIOUS EMISSION (802.11N-HT40, CH159, 30 MHz-1 GHz)	35
FIG. 38	CONDUCTED SPURIOUS EMISSION (802.11N-HT40, CH159, 1 GHz -12 GHz).....	36
FIG. 39	CONDUCTED SPURIOUS EMISSION (802.11N-HT40, CH159, 12 GHz-25 GHz).....	36
FIG. 40	CONDUCTED SPURIOUS EMISSION (802.11N-HT40, CH159, 25 GHz-40 GHz).....	37
A.6. BAND EDGES COMPLIANCE		38
FIG. 41	BAND EDGES (802.11A, 5745MHz)	38
FIG. 42	BAND EDGES (802.11A, 5825MHz)	39
FIG. 43	BAND EDGES (802.11N-HT20, 5745MHz).....	39
FIG. 44	BAND EDGES (802.11N-HT20, 5825MHz).....	40
FIG. 45	BAND EDGES (802.11N-HT40, 5755MHz).....	40
FIG. 46	BAND EDGES (802.11N-HT40, 5795MHz).....	41

1. TEST LATORATORY

1.1. Testing Location

Location: CTTL(South Branch)

Address: TCL International E city, No. 1001, Zhongshanyuan Road, Nanshan
District, Shenzhen, Guangdong, China 518000

1.2. Testing Environment

Normal Temperature: 15-35°C

Extreme Temperature: -20/+55°C

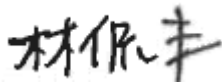
Relative Humidity: 20-75%

1.3. Project data

Testing Start Date: 2017-03-14

Testing End Date: 2017-06-16

1.4. Signature



Lin Kanfeng

(Prepared this test report)



Tang Weisheng

(Reviewed this test report)



Zhang Bojun

(Approved this test report)



2. CLIENT INFORMATION

2.1. Applicant Information

Company Name: Huawei Technologies Co., Ltd
Address: Administration Building, Huawei Base, Bantian, Longgang District,
Shenzhen
City: Shenzhen
Postal Code: 518129
Country: China
Telephone: 15602311354
Fax: /

2.2. Manufacturer Information

Company Name: Huawei Technologies Co., Ltd
Address: Administration Building, Huawei Base, Bantian, Longgang District,
Shenzhen
City: Shenzhen
Postal Code: 518129
Country: China
Telephone: 15602311354
Fax: /

3. Equipment Under Test (EUT) and Ancillary Equipment (AE)

3.1. About EUT

Description	HUAWEI MediaPad T3
Model Name	KOB-W09
Market Name	HUAWEI MediaPad T3
FCC ID	QISKOB-W09
WLAN Frequency Range	ISM Band: 5745MHz~5825MHz
Type of modulation	OFDM
Voltage	3.8V DC by Battery

3.2. Internal Identification of EUT

EUT ID*	IMEI	HW Version	SW Version	Receive Date
EUT1	/	REACHW-V1.0	KOB-W09C331B002-log	2017-03-14

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

3.3. Internal Identification of AE used during the test

AE ID*	Description	SN
AE1	Charger	/
AE2	Charger	/
AE3	Charger	/

AE1

Model	HW-050100U01
Manufacturer	SHENZHEN HUNTKEY ELECTRONIC CO.,LTD.

AE2

Model	HW-050100U01
Manufacturer	HUIZHOU BYD ELECTRONIC CO., LTD.

AE3

Model	HW-050100U01
Manufacturer	DONGGUAN PHITEK ELECTRONICS CO.,LTD.

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

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.

Reference	Title	Version
FCC Part15	Title 47 of the Code of Federal Regulations; Chapter I Part 15 - Radio frequency devices	Nov,2015
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	Jun,2013
UNII: KDB 789033	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - Part 15, Subpart E	Jun,2014

5. SUMMARY OF TEST RESULTS

5.1. Summary of Test Results

SUMMARY OF MEASUREMENT RESULTS	Sub-clause of Part15E	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	15.407,15.205	P

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

5.2. Statements

CTTL has evaluated the test cases requested by the applicant/manufacturer as listed in section 5.1 of this report, for the EUT specified in section 3, according to the standards or reference documents listed in section 4.2.

5.3. Terms used in the result table

Terms used in Verdict column

P	Pass
NA	Not Available
F	Fail

Abbreviations

AC	Alternating Current
AFH	Adaptive Frequency Hopping
BW	Band Width
E.I.R.P.	equivalent isotropical radiated power
ISM	Industrial, Scientific and Medical
R&TTE	Radio and Telecommunications Terminal Equipment
RF	Radio Frequency
Tx	Transmitter

6. TEST EQUIPMENTS UTILIZED

Conducted test system

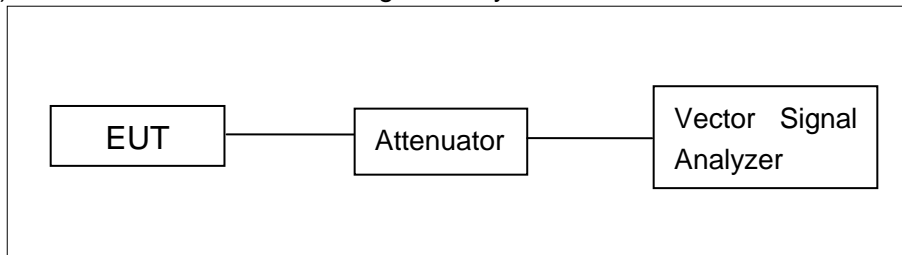
No.	Equipment	Model	Serial Number	Manufacturer	Calibration Due date	Calibration Period
1	Vector Signal Analyzer	FSV40	100903	Rohde & Schwarz	2018-01-18	1 year
2	Data Acquisition Unit	U2531A	TW55443 507	Agilent	/	/
3	Power Sensor	U2021X A	MY55430 013	Agilent	2018-01-18	1 year

ANNEX A: MEASUREMENT RESULTS

A.1. Measurement Method

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.2. Maximum Peak Output Power

Measurement Limit and Method:

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

Antenna Gain

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

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	22.21	22.57	22.74
	9	22.16	/	/
	12	22.19	/	/
	18	22.12	/	/
	24	22.07	/	/
	36	22.01	/	/
	48	20.46	/	/
	54	20.39	/	/

The data rate 6Mbps 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	22.80	22.89	23.02
	MCS1	22.74	/	/
	MCS2	22.65	/	/
	MCS3	22.61	/	/
	MCS4	22.55	/	/
	MCS5	22.54	/	/
	MCS6	20.58	/	/
	MCS7	20.63	/	/

The data rate MCS0 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	22.17	22.25
	MCS1	22.08	/
	MCS2	22.01	/
	MCS3	22.04	/
	MCS4	21.97	/
	MCS5	21.84	/
	MCS6	19.75	/
	MCS7	19.69	/

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

Maximum Average Output Power-Conducted

Measurement Results:

802.11a mode

Mode	Test Result (dBm)		
	5745MHz (Ch149)	5785MHz (Ch157)	5825MHz (Ch165)
802.11a	15.11	15.14	15.17

802.11n-HT20 mode

Mode	Test Result (dBm)		
	5745MHz (Ch149)	5785MHz (Ch157)	5825MHz (Ch165)
802.11n(20MHz)	15.29	15.31	15.36

802.11n-HT40 mode

Mode	Test Result (dBm)	
	5755MHz (Ch151)	5795MHz(Ch159)
802.11n(40MHz)	14.72	14.84

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
-------------------------	--------

Measurement Results:

Mode	Channel	Power Spectral Density (dBm/500kHz)	Conclusion
802.11a	149	4.16	P
	157	4.81	P
	165	3.63	P
802.11n HT20	149	4.43	P
	157	4.71	P
	165	3.74	P
802.11n HT40	151	0.32	P
	159	1.19	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
-------------------------	---------

Measurement Result:

Mode	Channel	Occupied 6dB Bandwidth (kHz)		conclusion
802.11a	149	Fig.1	17050	P
	157	Fig.2	17000	P
	165	Fig.3	16850	P
802.11n HT20	149	Fig.4	18100	P
	157	Fig.5	18000	P
	165	Fig.6	17600	P
802.11n HT40	151	Fig.7	35920	P
	159	Fig.8	35840	P

Conclusion: PASS

Test graphs as below:

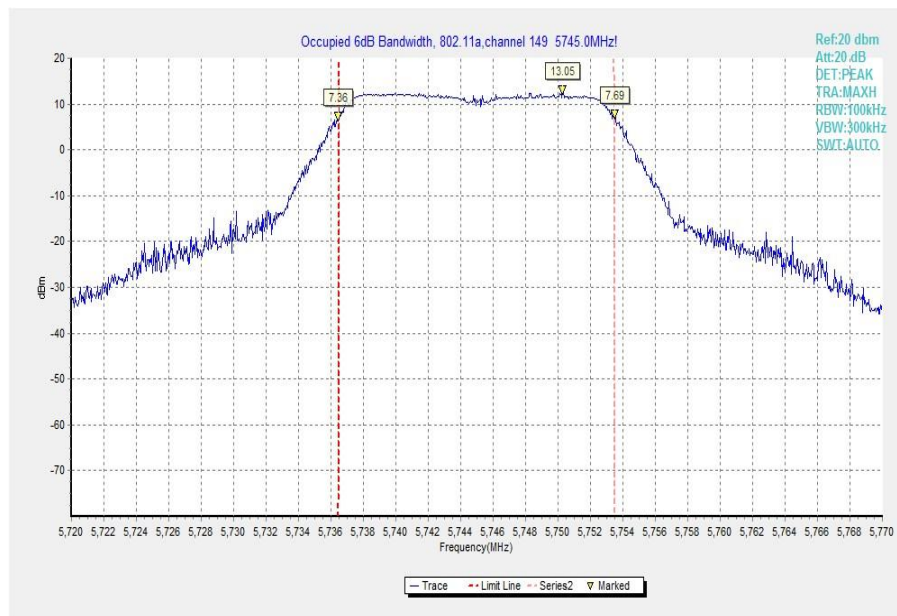


Fig. 1 Occupied 6dB Bandwidth (802.11a, Ch 149)

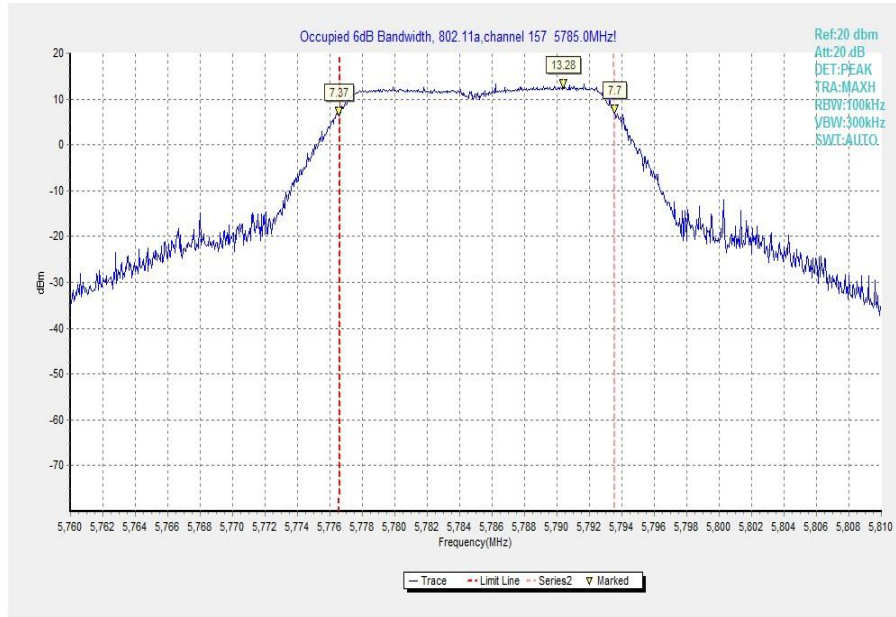


Fig. 2 Occupied 6dB Bandwidth (802.11a, Ch 157)

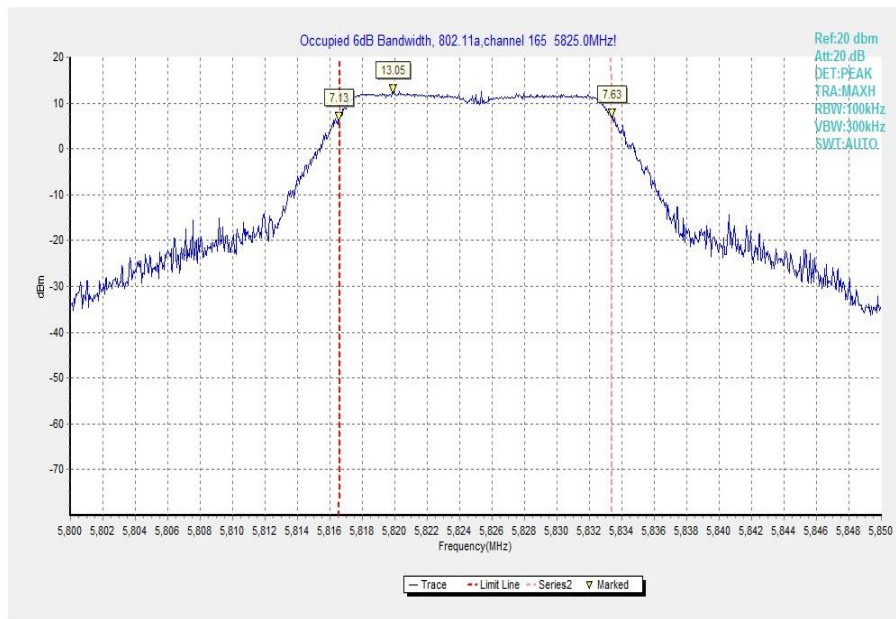


Fig. 3 Occupied 6dB Bandwidth (802.11a, Ch 165)

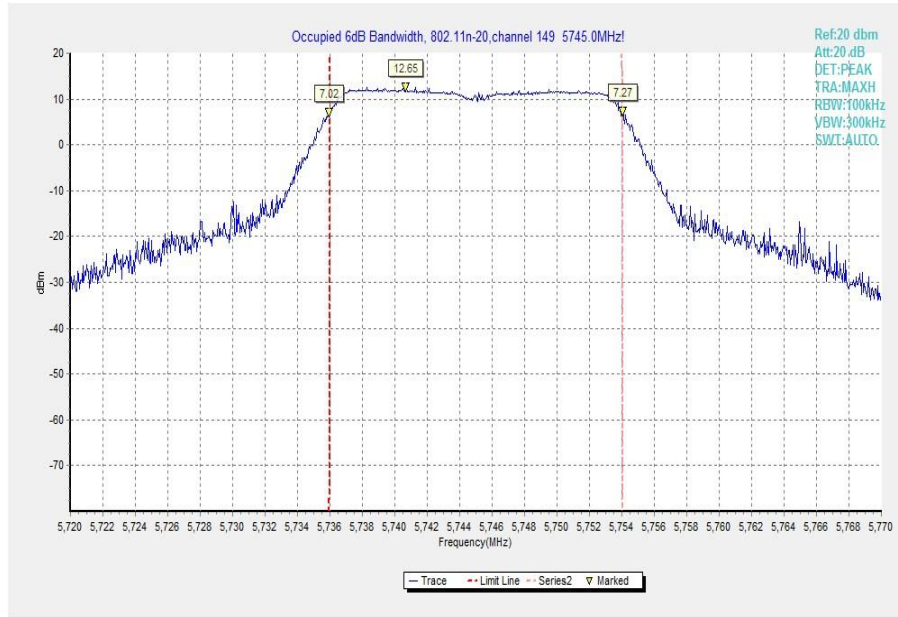


Fig. 4 Occupied 6dB Bandwidth (802.11n-HT20, Ch 149)

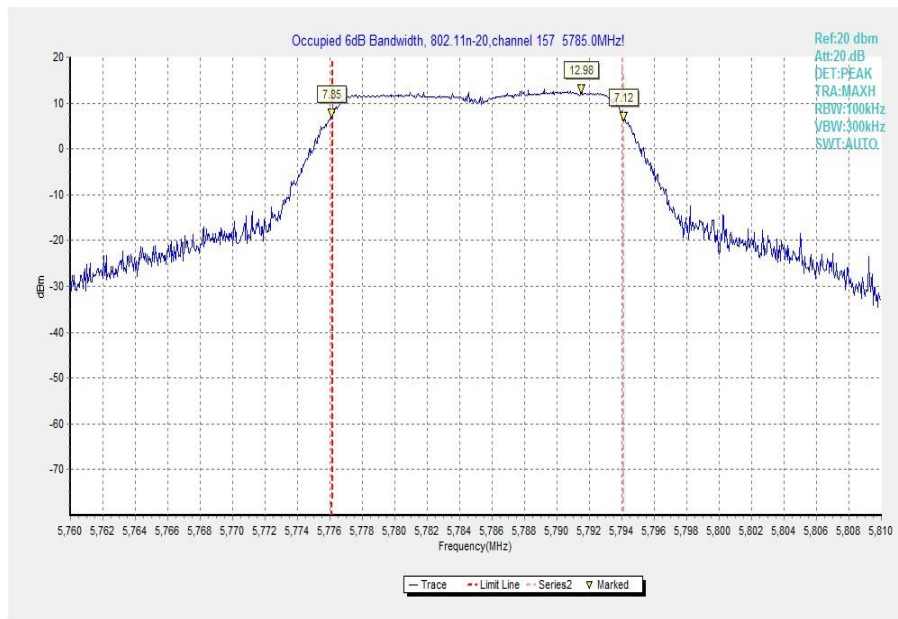


Fig. 5 Occupied 6dB Bandwidth (802.11n-HT20, Ch 157)

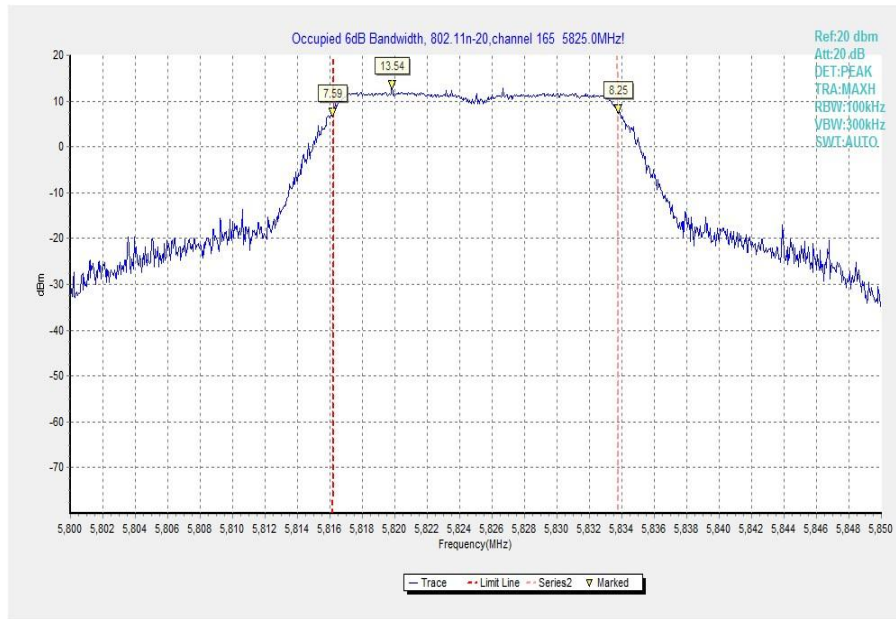


Fig. 6 Occupied 6dB Bandwidth (802.11n-HT20, Ch 165)

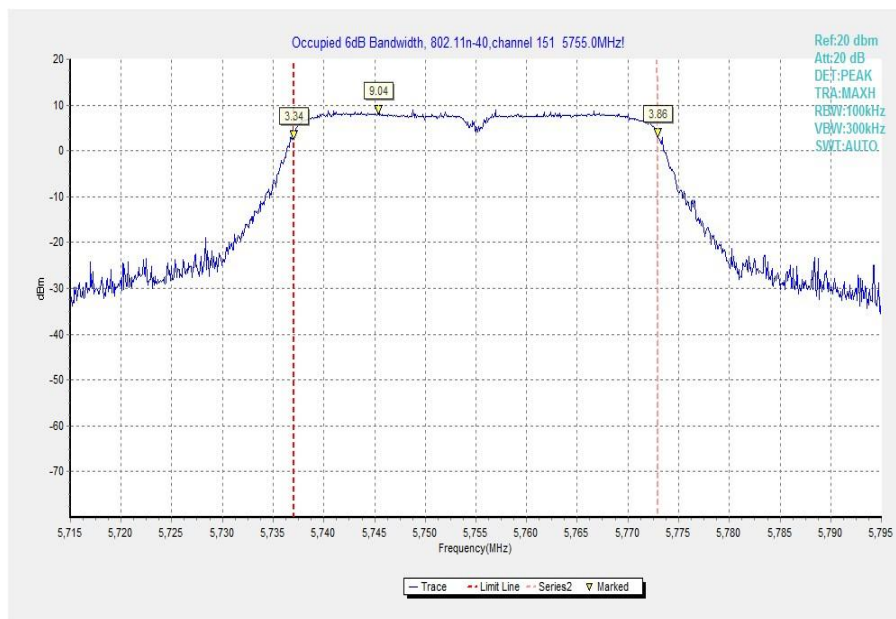


Fig. 7 Occupied 6dB Bandwidth (802.11n-HT40, Ch 151)

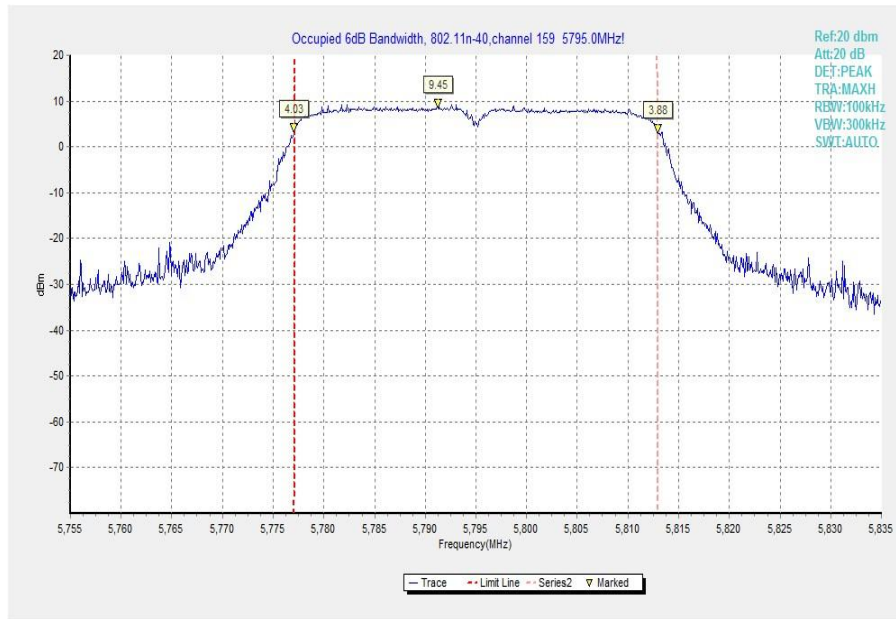


Fig. 8 Occupied 6dB Bandwidth (802.11n-HT40, Ch 159)

A.5. Transmitter Spurious Emission

Measurement Limit:

Standard	Frequency (MHz)	Limit (dBm/MHz)
FCC 47 CFR Part 15.407	5745MHz~5825MHz	< -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

Transmitter Spurious Emission - Conducted

Measurement Results:

802.11a mode

MODE	Channel	Frequency Range	Test Results	Conclusion
802.11a	149	30 MHz ~ 1 GHz	Fig.9	P
		1 GHz ~ 12 GHz	Fig.10	P
		12 GHz ~ 25 GHz	Fig.11	P
		25 GHz ~ 40 GHz	Fig.12	P
	157	30 MHz ~ 1 GHz	Fig.13	P
		1 GHz ~ 12 GHz	Fig.14	P
		12 GHz ~ 25 GHz	Fig.15	P
		25 GHz ~ 40 GHz	Fig.16	P
	165	30 MHz ~ 1 GHz	Fig.17	P
		1 GHz ~ 12 GHz	Fig.18	P
		12 GHz ~ 25 GHz	Fig.19	P
		25 GHz ~ 40 GHz	Fig.20	P

802.11n-HT20 mode

MODE	Channel	Frequency Range	Test Results	Conclusion
------	---------	-----------------	--------------	------------

802.11n HT20	149	30 MHz ~ 1 GHz	Fig.21	P
		1 GHz ~ 12 GHz	Fig.22	P
		12 GHz ~ 25 GHz	Fig.23	P
		25 GHz ~ 40 GHz	Fig.24	P
	157	30 MHz ~ 1 GHz	Fig.25	P
		1 GHz ~ 12 GHz	Fig.26	P
		12 GHz ~ 25 GHz	Fig.27	P
		25 GHz ~ 40 GHz	Fig.28	P
	165	30 MHz ~ 1 GHz	Fig.29	P
		1 GHz ~ 12 GHz	Fig.30	P
		12 GHz ~ 25 GHz	Fig.31	P
		25 GHz ~ 40 GHz	Fig.32	P

802.11n-HT40 mode

MODE	Channel	Frequency Range	Test Results	Conclusion
802.11n HT40	151	30 MHz ~ 1 GHz	Fig.33	P
		1 GHz ~ 12 GHz	Fig.34	P
		12 GHz ~ 25 GHz	Fig.35	P
		25 GHz ~ 40 GHz	Fig.36	P
	159	30 MHz ~ 1 GHz	Fig.37	P
		1 GHz ~ 12 GHz	Fig.38	P
		12 GHz ~ 25 GHz	Fig.39	P
		25 GHz ~ 40 GHz	Fig.40	P

Conclusion: PASS

Test graphs as below:

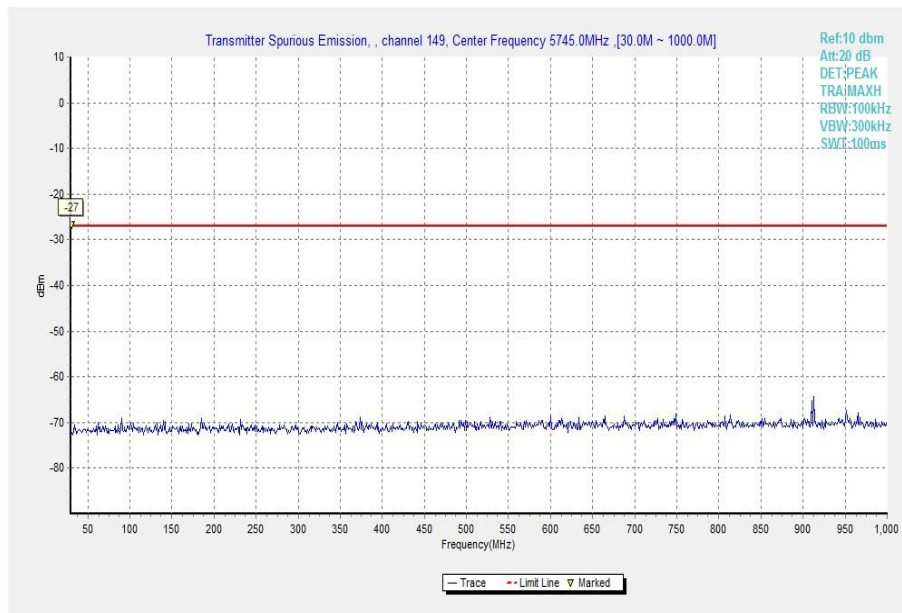


Fig. 9 Conducted Spurious Emission (802.11a, Ch149, 30 MHz-1 GHz)

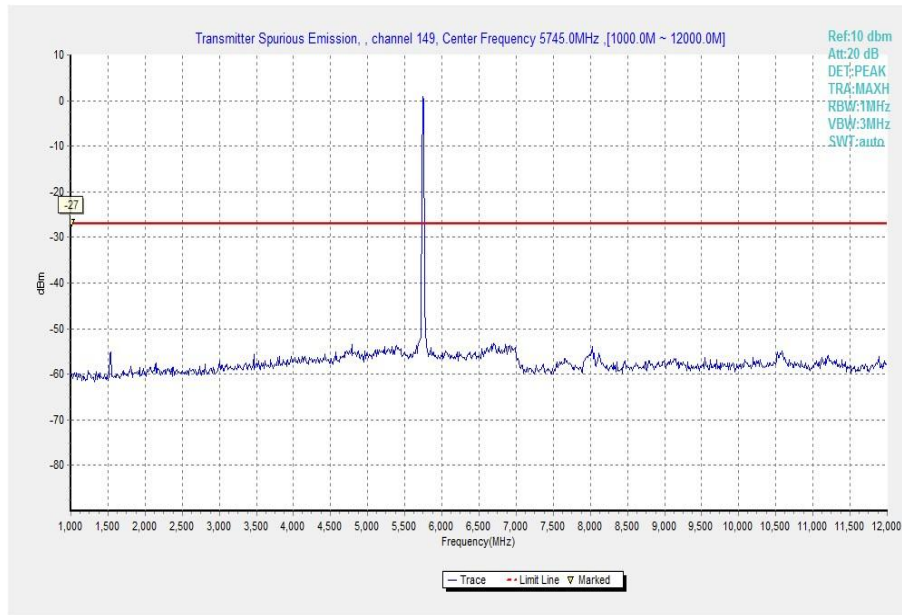


Fig. 10 Conducted Spurious Emission (802.11a, Ch149, 1 GHz -12 GHz)

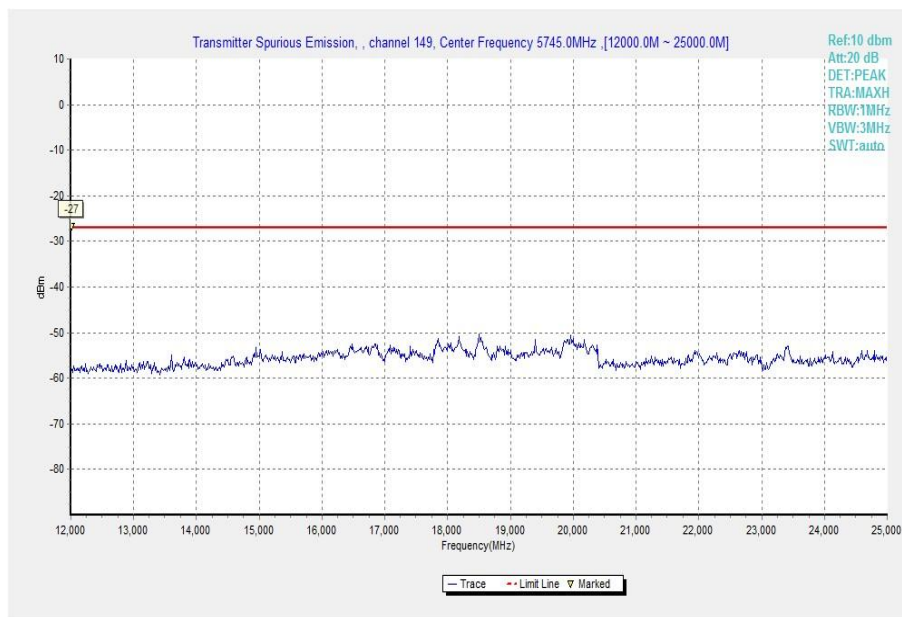


Fig. 11 Conducted Spurious Emission (802.11a, Ch149, 12 GHz-25 GHz)

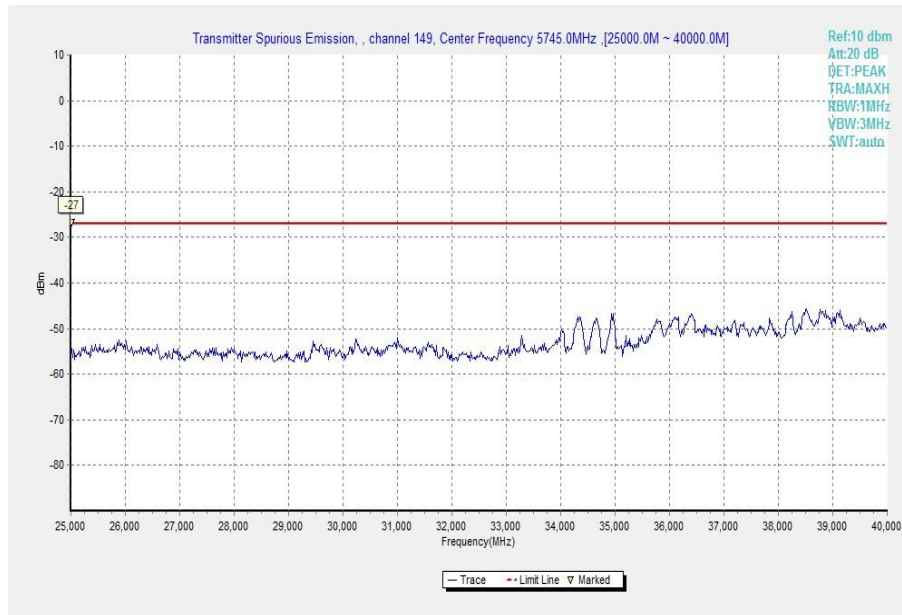


Fig. 12 Conducted Spurious Emission (802.11a, Ch149, 25 GHz-40 GHz)

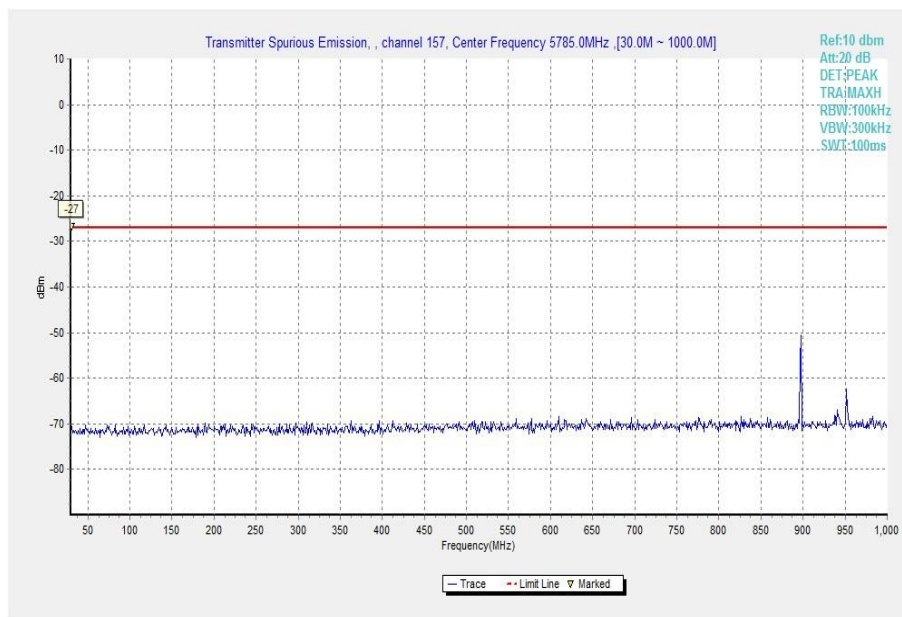


Fig. 13 Conducted Spurious Emission (802.11a, Ch157, 30 MHz-1 GHz)

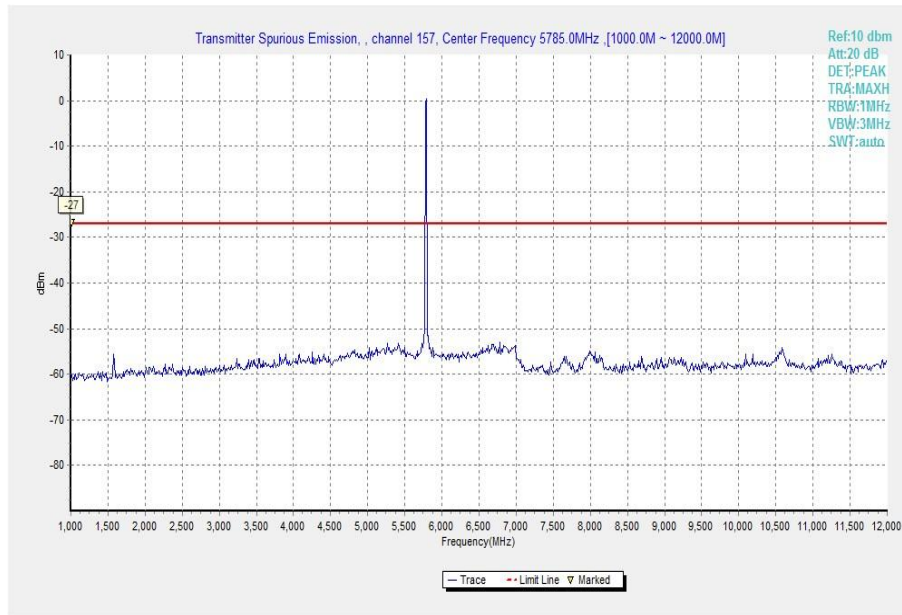


Fig. 14 Conducted Spurious Emission (802.11a, Ch157, 1 GHz -12 GHz)

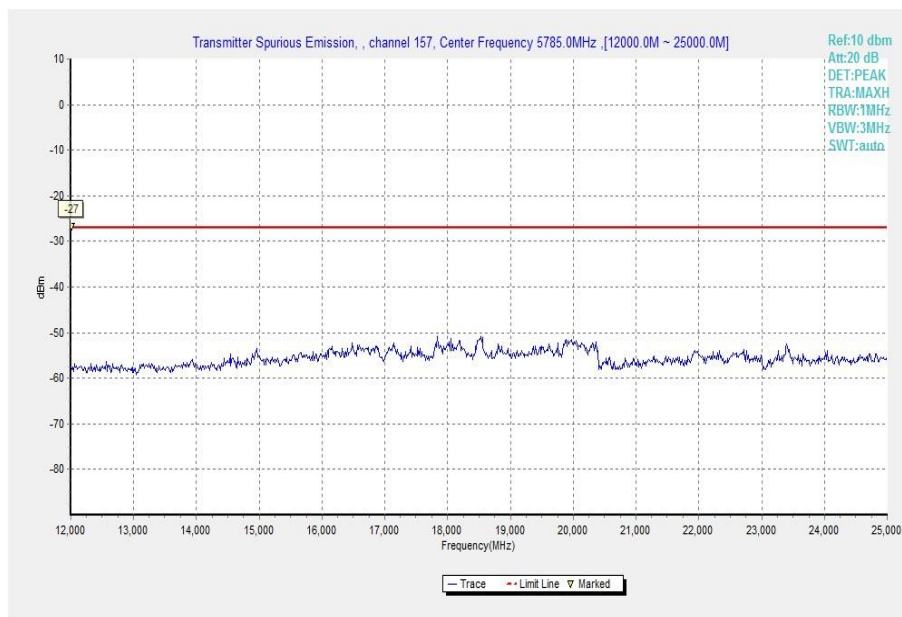


Fig. 15 Conducted Spurious Emission (802.11a, Ch157, 12 GHz-25 GHz)

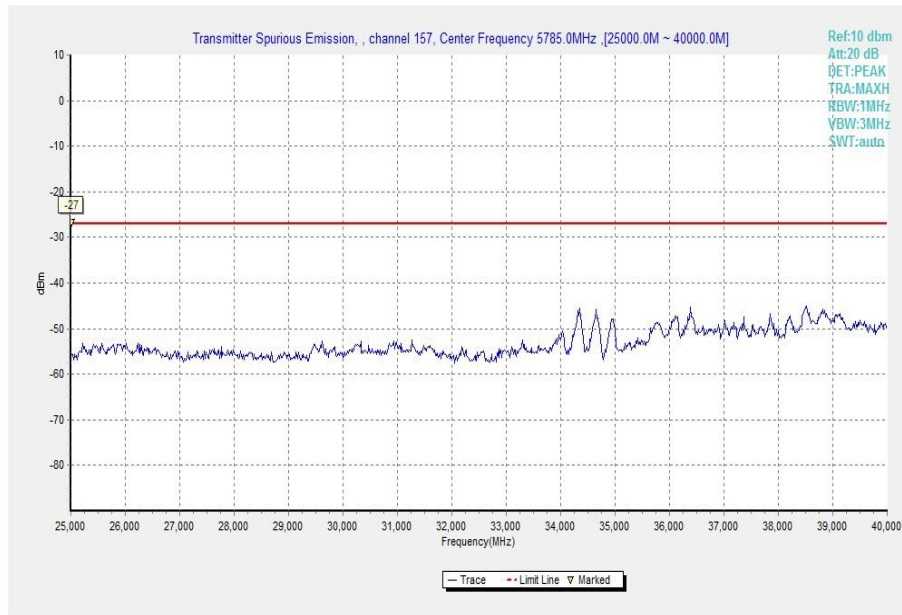


Fig. 16 Conducted Spurious Emission (802.11a, Ch157, 25 GHz-40 GHz)

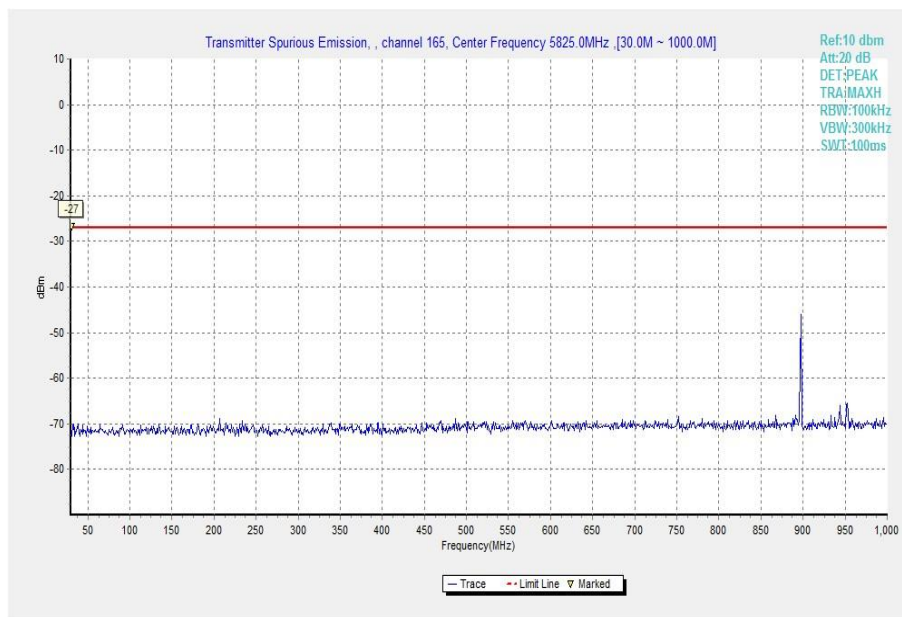


Fig. 17 Conducted Spurious Emission (802.11a, Ch165, 30 MHz-1 GHz)

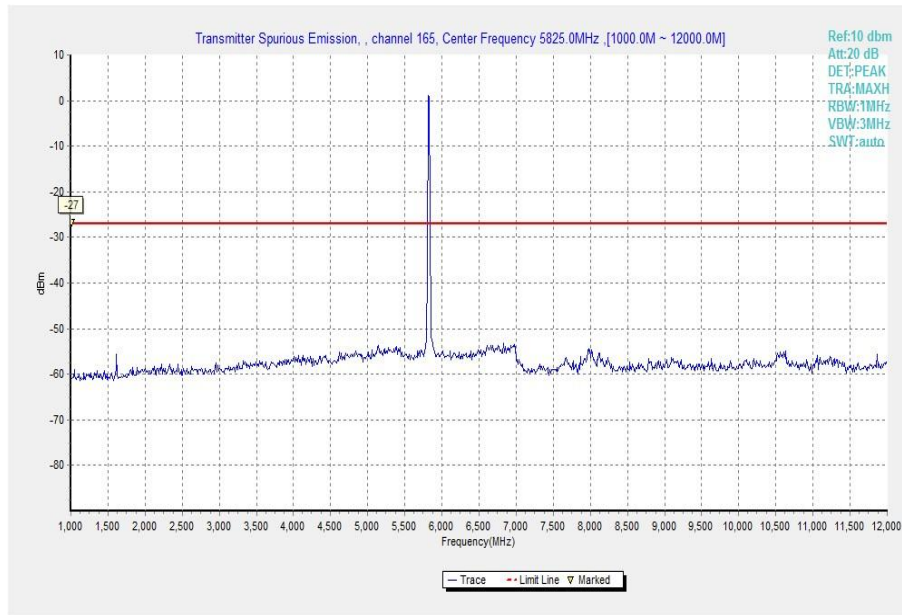


Fig. 18 Conducted Spurious Emission (802.11a, Ch165, 1 GHz -12 GHz)

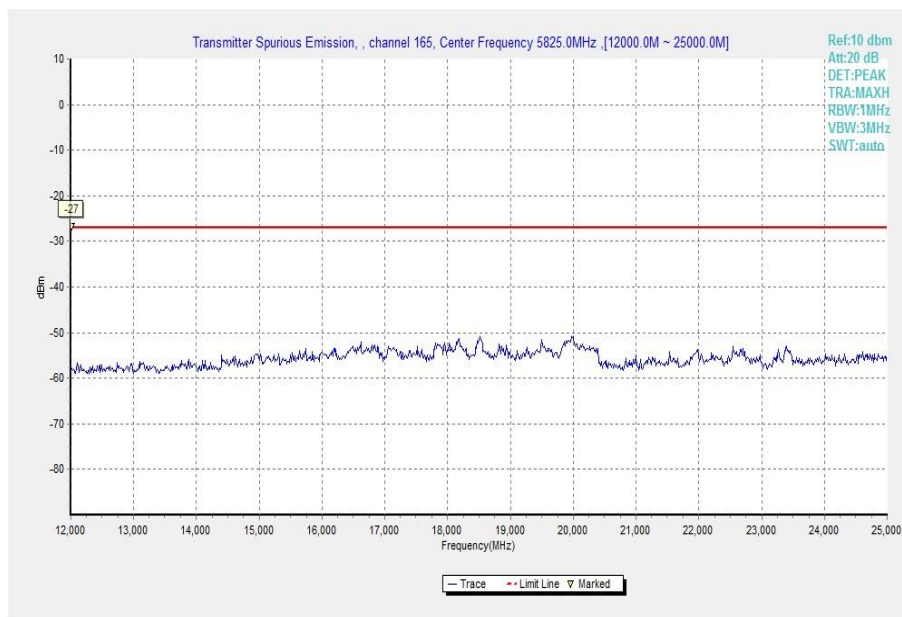


Fig. 19 Conducted Spurious Emission (802.11a, Ch165, 12 GHz-25 GHz)

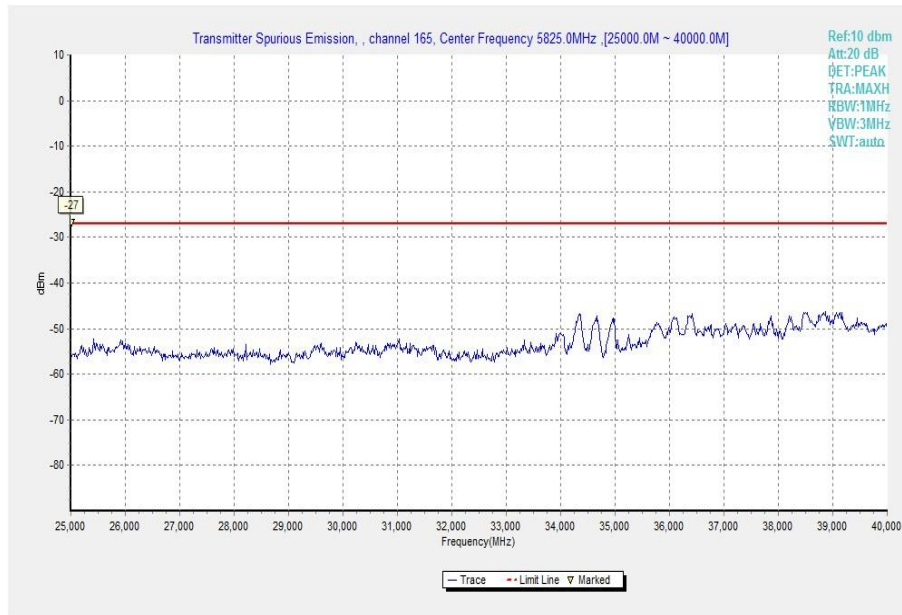


Fig. 20 Conducted Spurious Emission (802.11a, Ch165, 25 GHz-40 GHz)

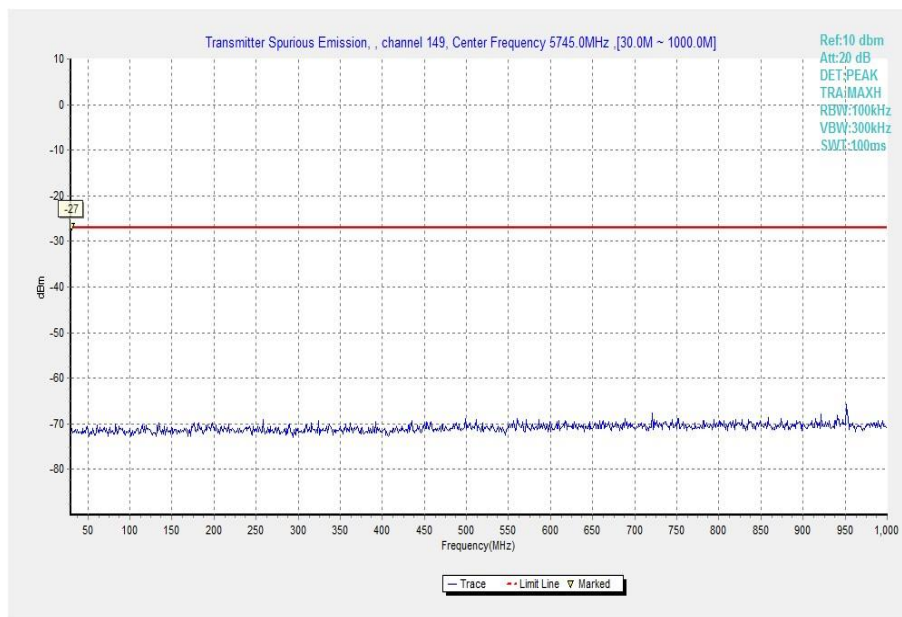


Fig. 21 Conducted Spurious Emission (802.11n-HT20, Ch149, 30 MHz-1 GHz)

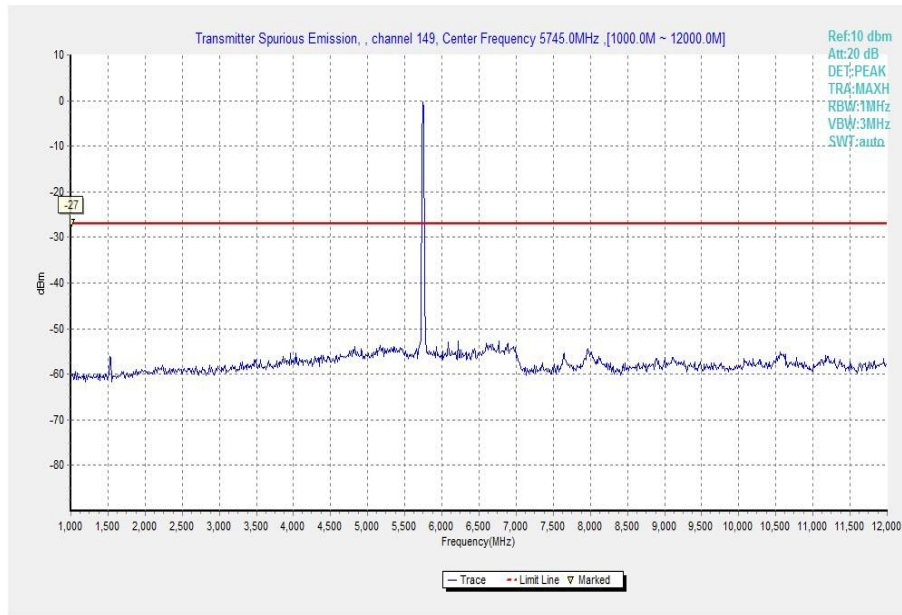


Fig. 22 Conducted Spurious Emission (802.11n-HT20, Ch149, 1 GHz -12 GHz)

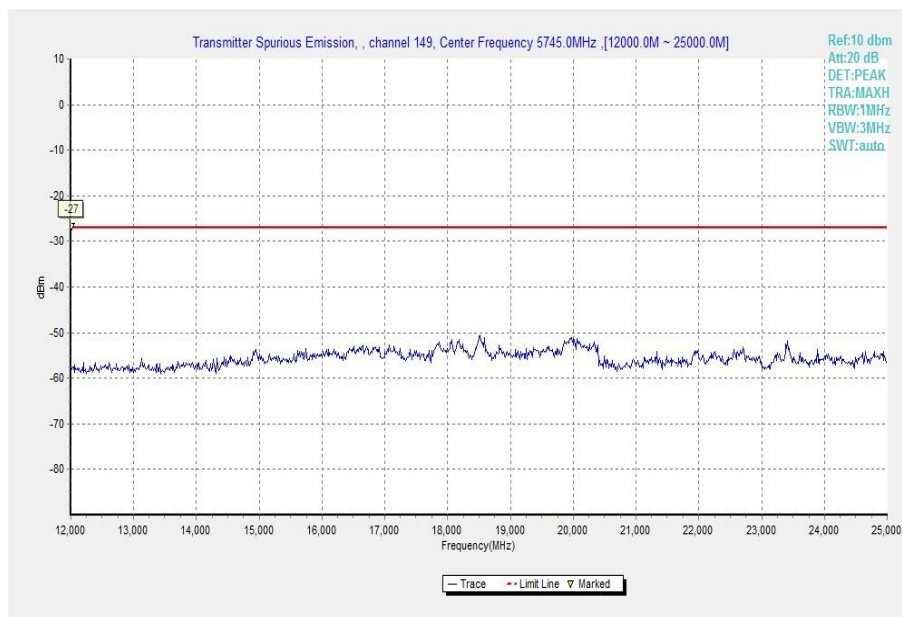


Fig. 23 Conducted Spurious Emission (802.11n-HT20, Ch149, 12 GHz-25 GHz)

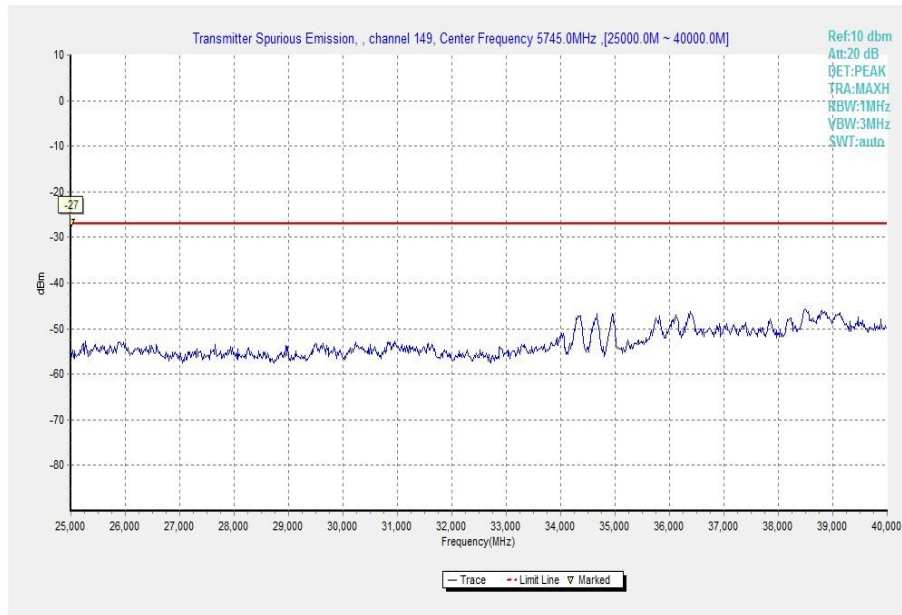


Fig. 24 Conducted Spurious Emission (802.11n-HT20, Ch149, 25 GHz-40 GHz)

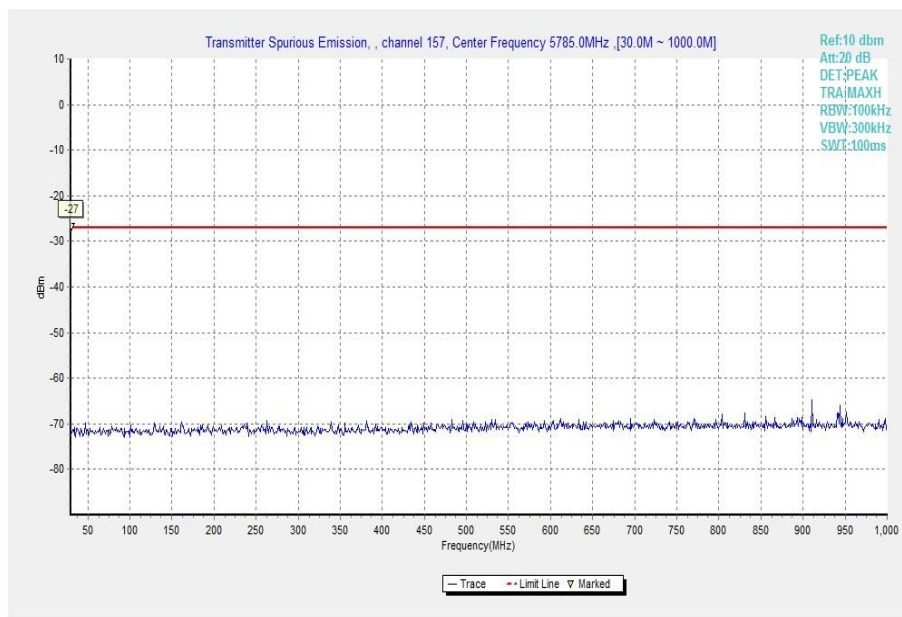


Fig. 25 Conducted Spurious Emission (802.11n-HT20, Ch157, 30 MHz-1 GHz)

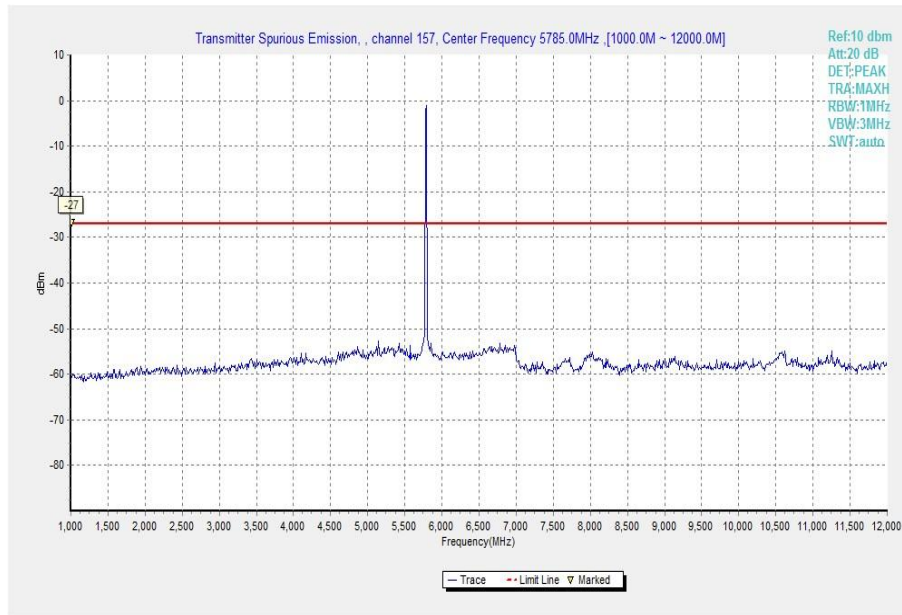


Fig. 26 Conducted Spurious Emission (802.11n-HT20, Ch157, 1 GHz -12 GHz)

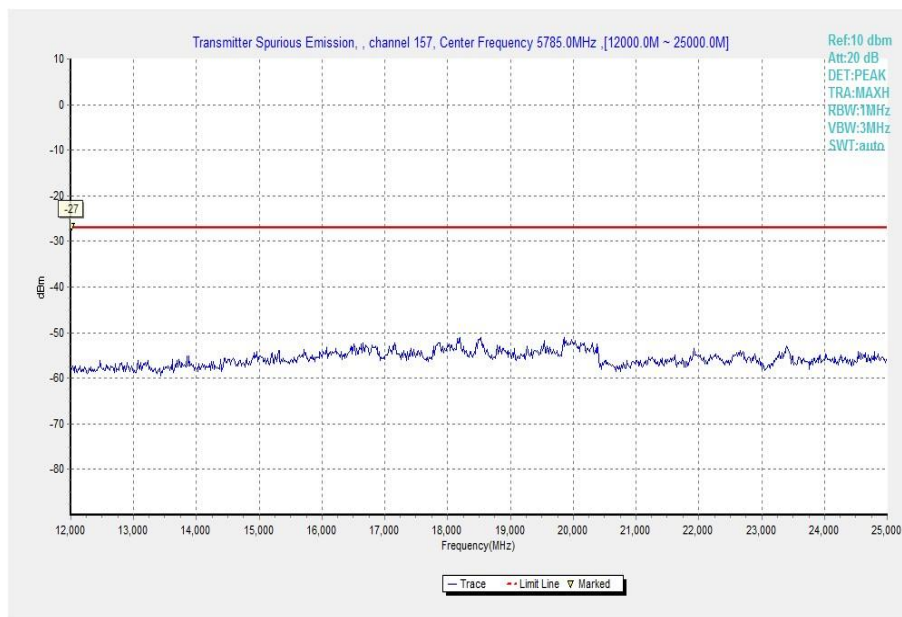


Fig. 27 Conducted Spurious Emission (802.11n-HT20, Ch157, 12 GHz-25 GHz)

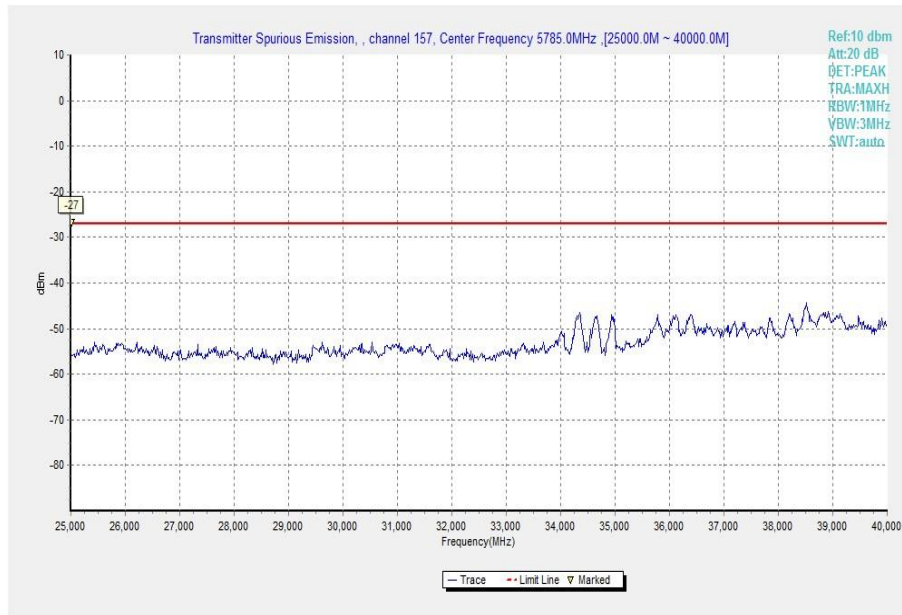


Fig. 28 Conducted Spurious Emission (802.11n-HT20, Ch157, 25 GHz-40 GHz)

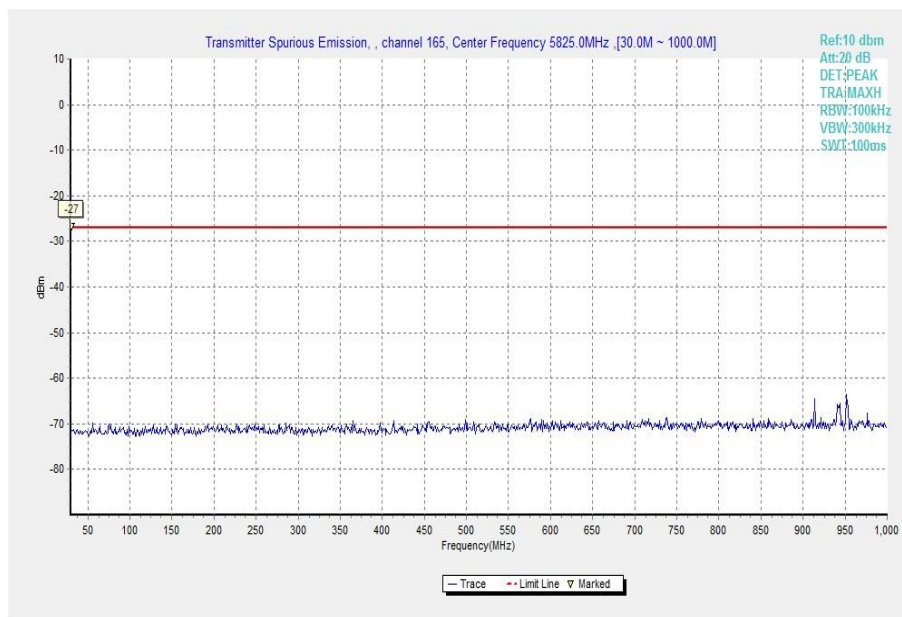


Fig. 29 Conducted Spurious Emission (802.11n-HT20, Ch165, 30 MHz-1 GHz)

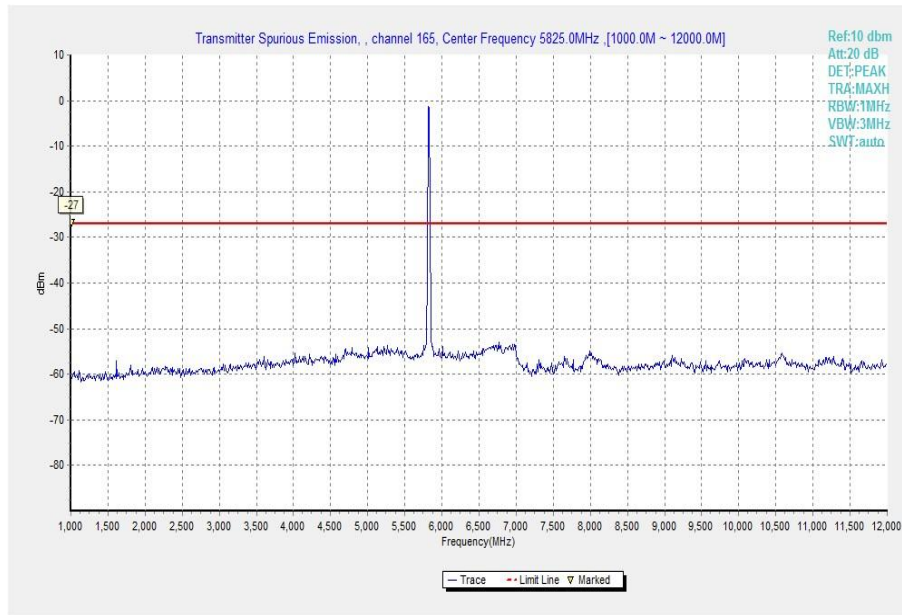


Fig. 30 Conducted Spurious Emission (802.11n-HT20, Ch165, 1 GHz -12 GHz)

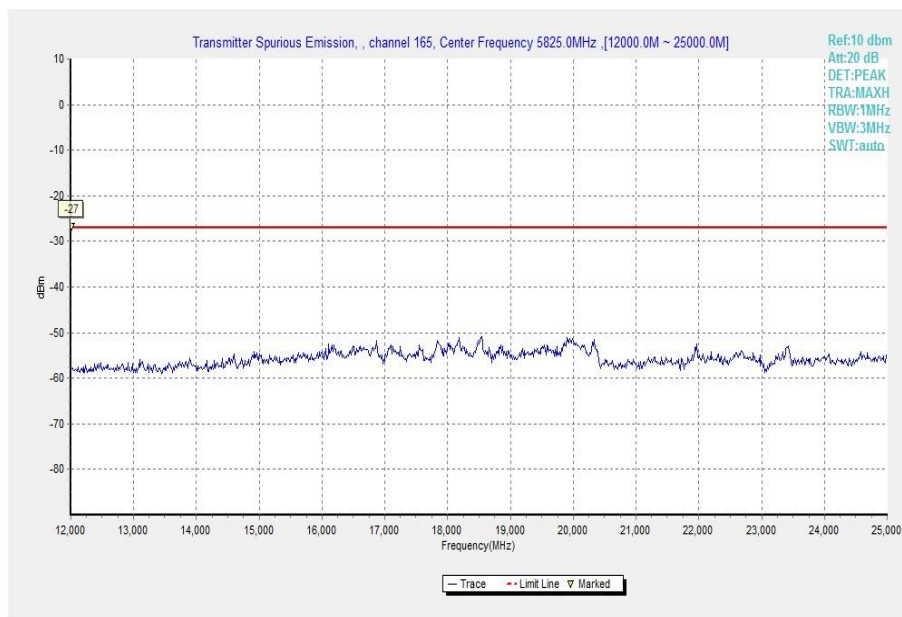


Fig. 31 Conducted Spurious Emission (802.11n-HT20, Ch165, 12 GHz-25 GHz)

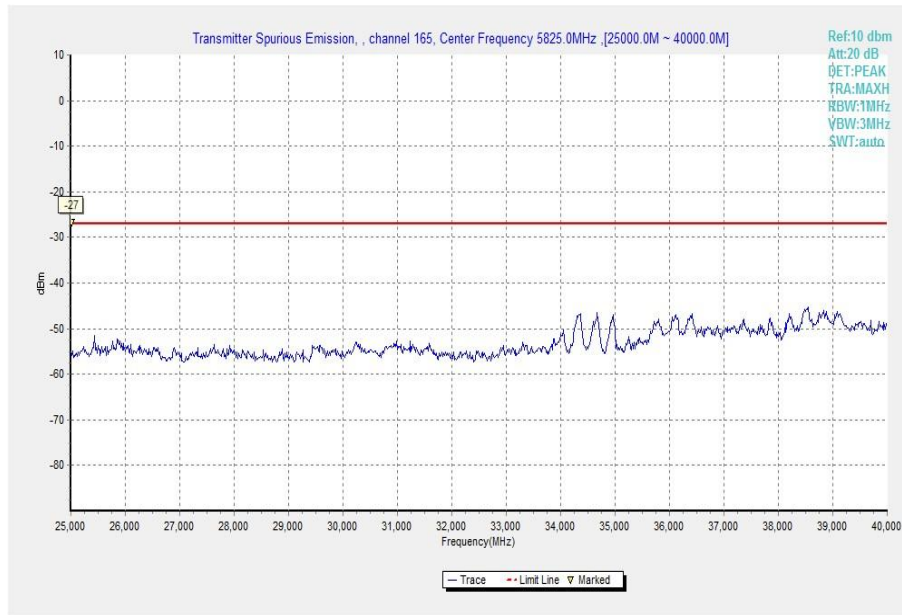


Fig. 32 Conducted Spurious Emission (802.11n-HT20, Ch165, 25 GHz-40 GHz)

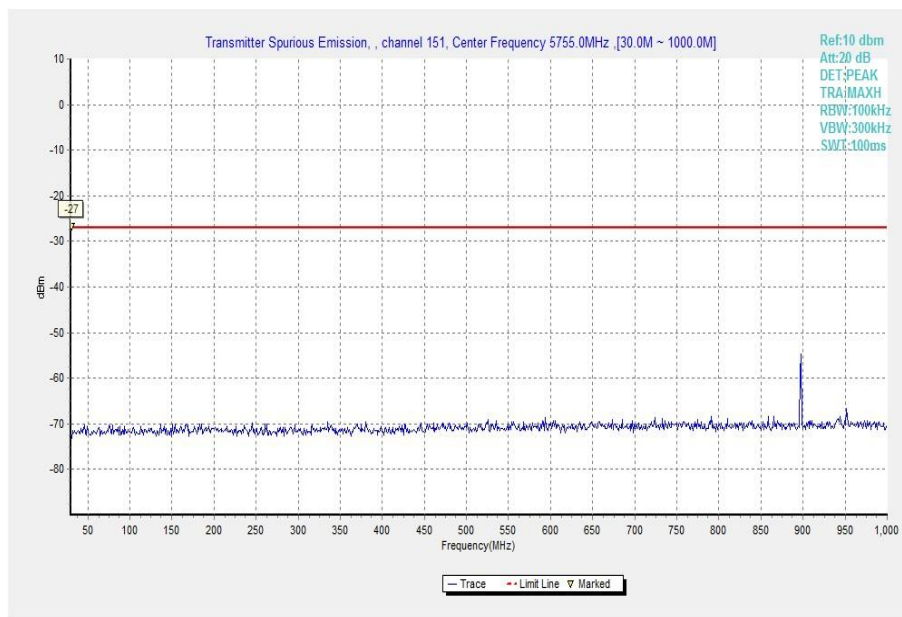


Fig. 33 Conducted Spurious Emission (802.11n-HT40, Ch151, 30 MHz-1 GHz)

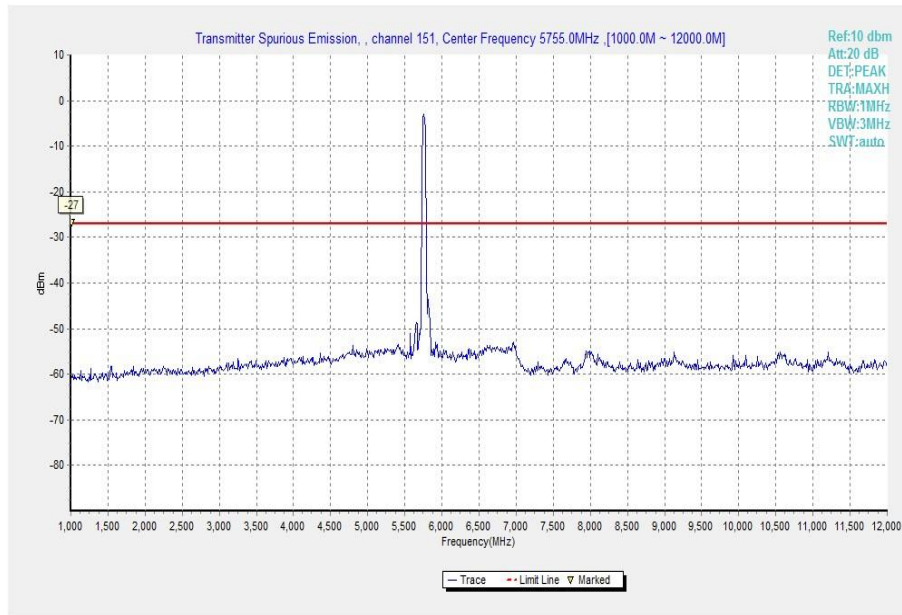


Fig. 34 Conducted Spurious Emission (802.11n-HT40, Ch151, 1 GHz -12 GHz)

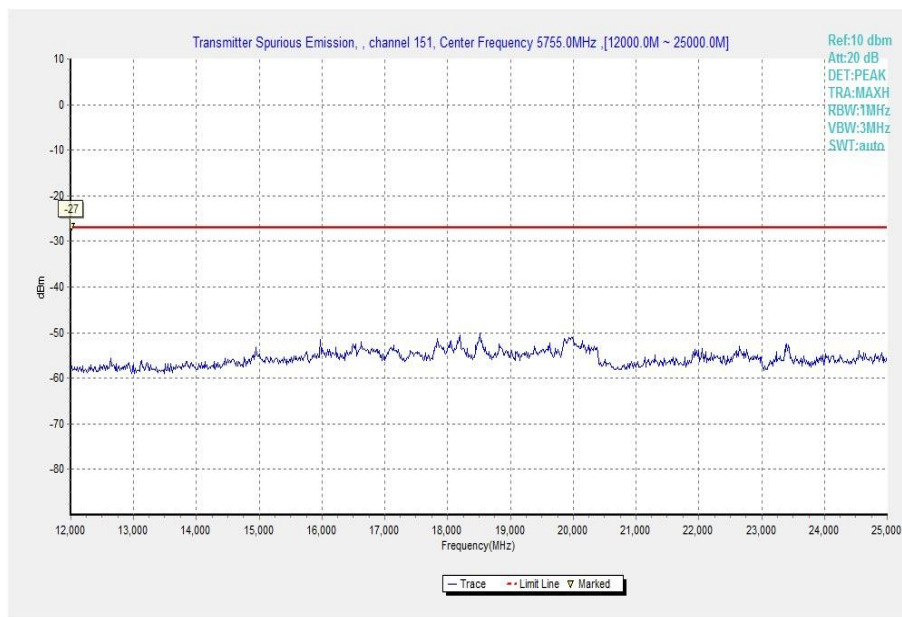


Fig. 35 Conducted Spurious Emission (802.11n-HT40, Ch151, 12 GHz-25 GHz)

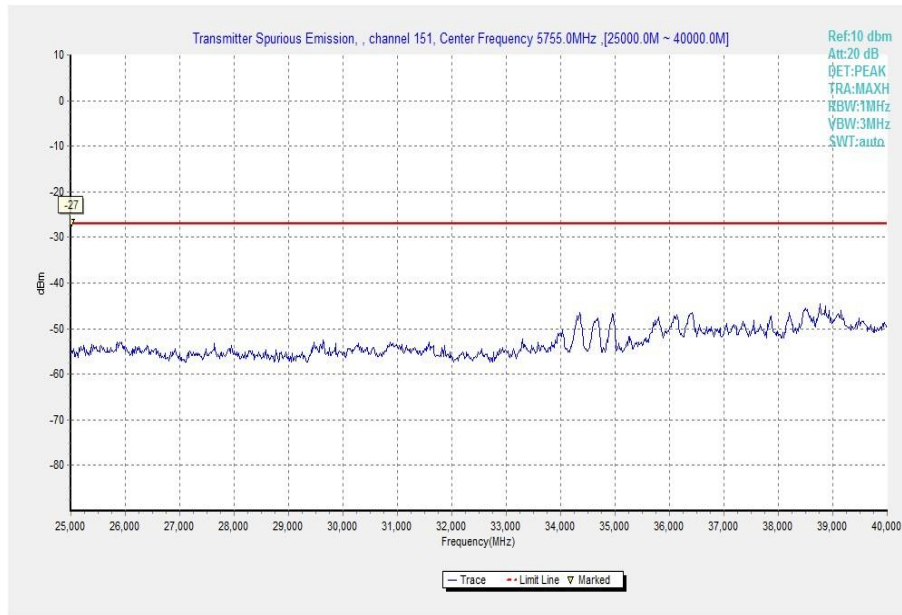


Fig. 36 Conducted Spurious Emission (802.11n-HT40, Ch151, 25 GHz-40 GHz)

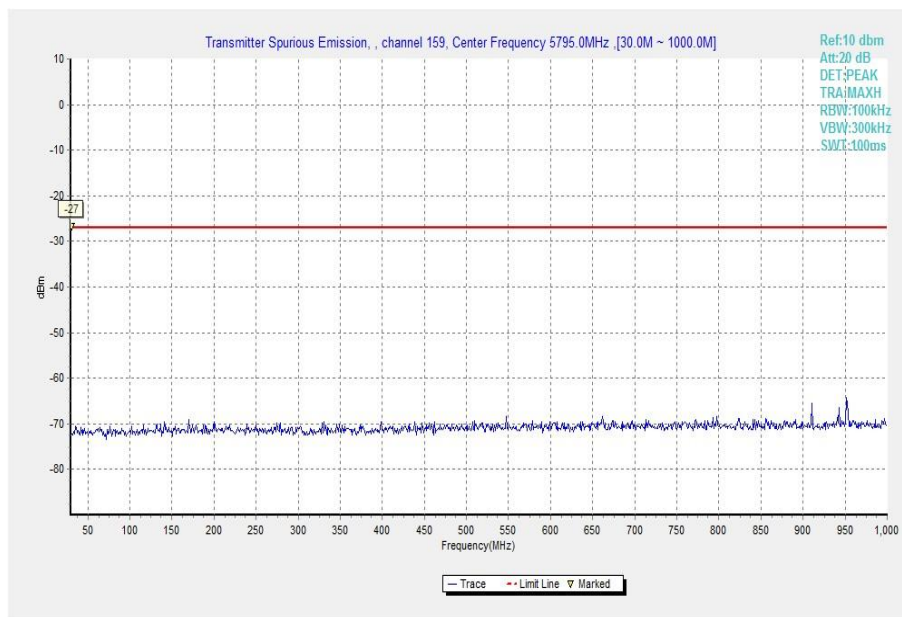


Fig. 37 Conducted Spurious Emission (802.11n-HT40, Ch159, 30 MHz-1 GHz)

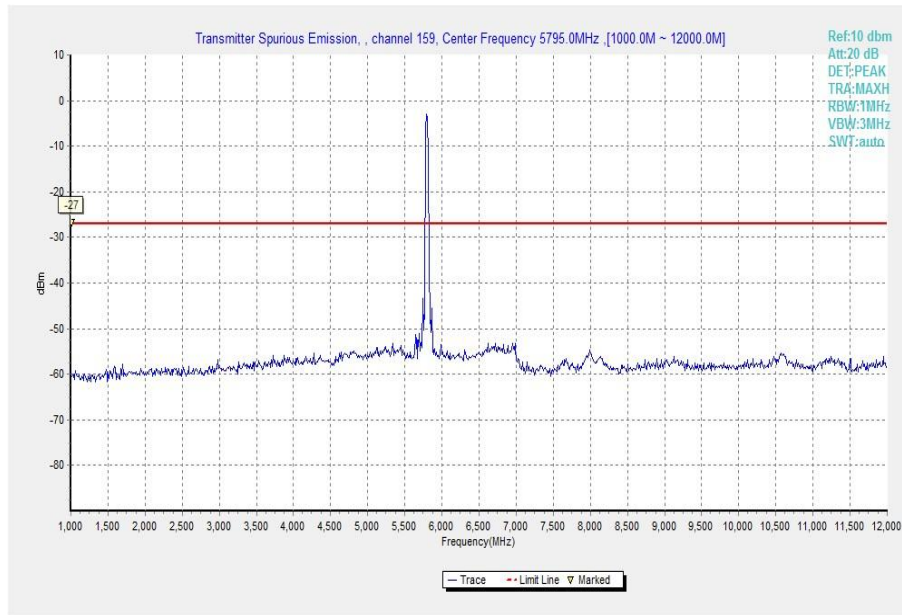


Fig. 38 Conducted Spurious Emission (802.11n-HT40, Ch159, 1 GHz -12 GHz)

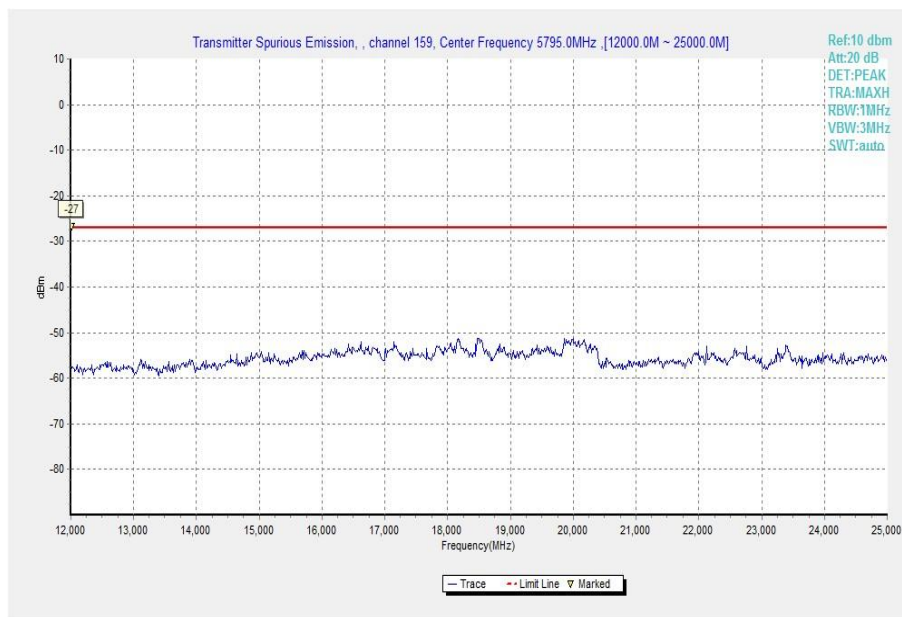


Fig. 39 Conducted Spurious Emission (802.11n-HT40, Ch159, 12 GHz-25 GHz)

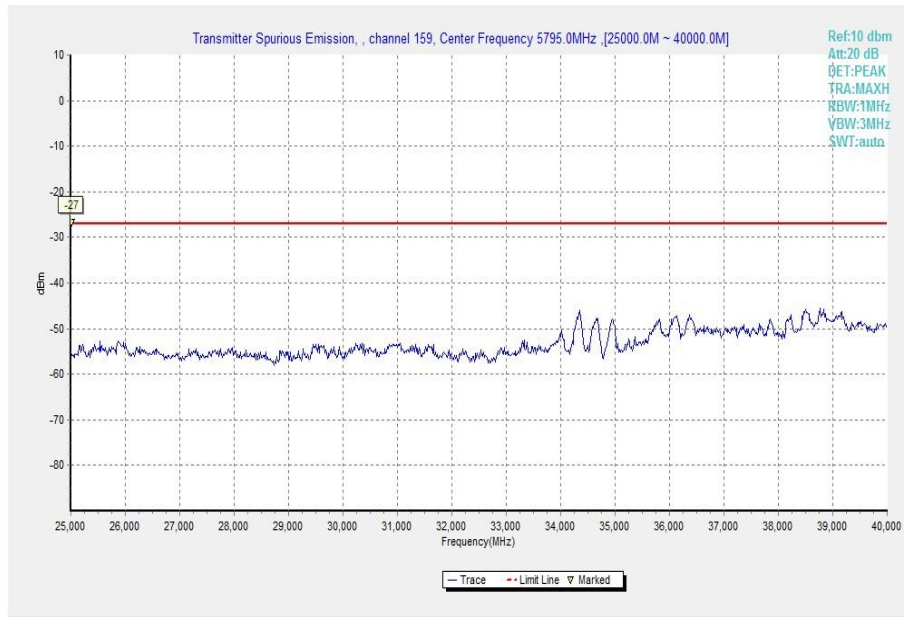


Fig. 40 Conducted Spurious Emission (802.11n-HT40, Ch159, 25 GHz-40 GHz)

A.6. Band Edges Compliance

A6.1 Band Edges - conducted

Measurement Limit:

Standard	Frequency (MHz)	Limit (dBm/MHz)
FCC 47 CFR Part 15.407(b)(4)	5715MHz~5860MHz	< -17
	Below 5715MHz, Above5860MHz	< -27

The measurement is made according to KDB 789033 D02

Measurement Uncertainty:

Measurement Uncertainty	0.75dB
-------------------------	--------

Measurement Result:

Mode	Channel	Test Results	Conclusion
802.11a	5745 MHz	Fig.41	P
	5825 MHz	Fig.42	P
802.11n HT20	5745 MHz	Fig.43	P
	5825 MHz	Fig.44	P
802.11n HT40	5755 MHz	Fig.45	P
	5795 MHz	Fig.46	P

Conclusion: PASS

Test graphs as below:

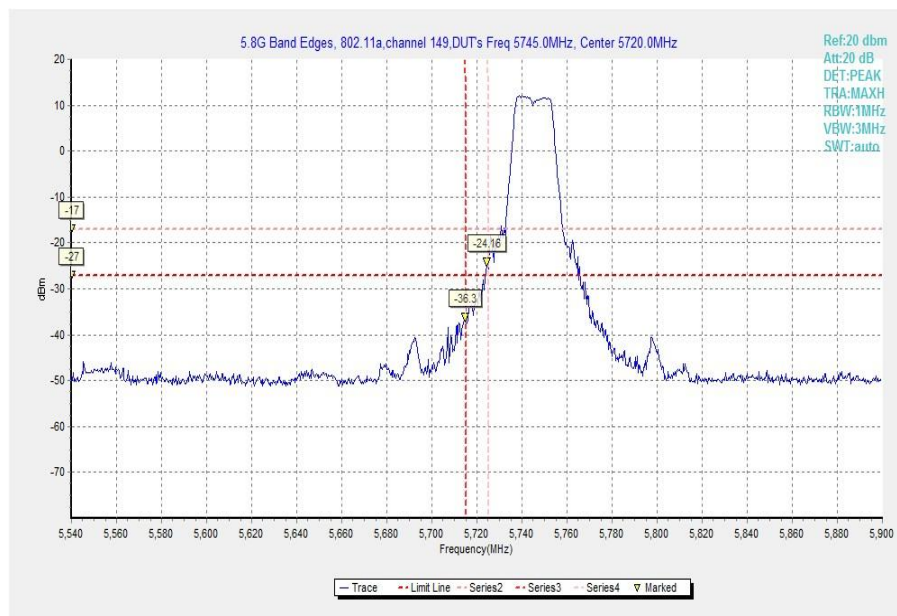


Fig. 41 Band Edges (802.11a, 5745MHz)

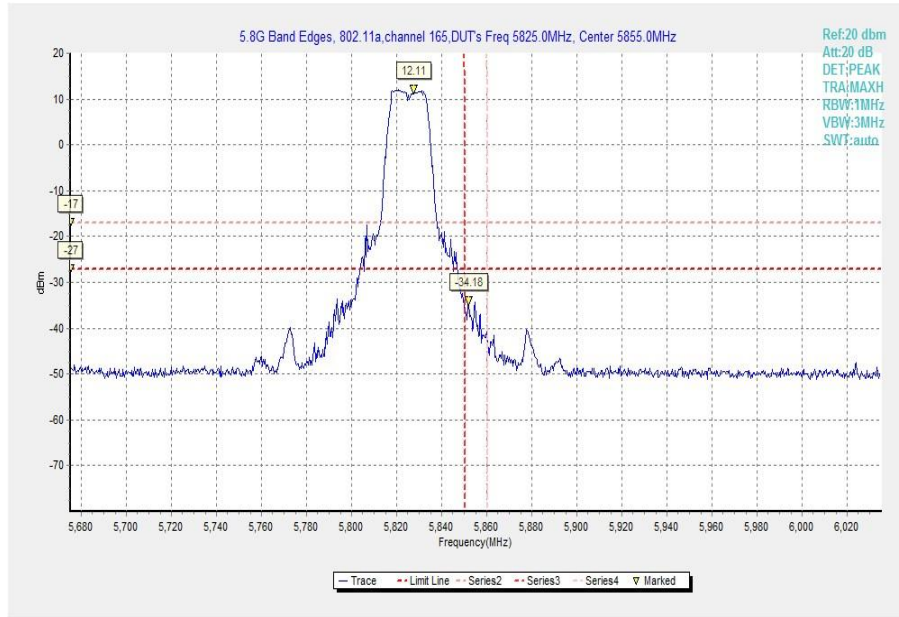


Fig. 42 Band Edges (802.11a, 5825MHz)

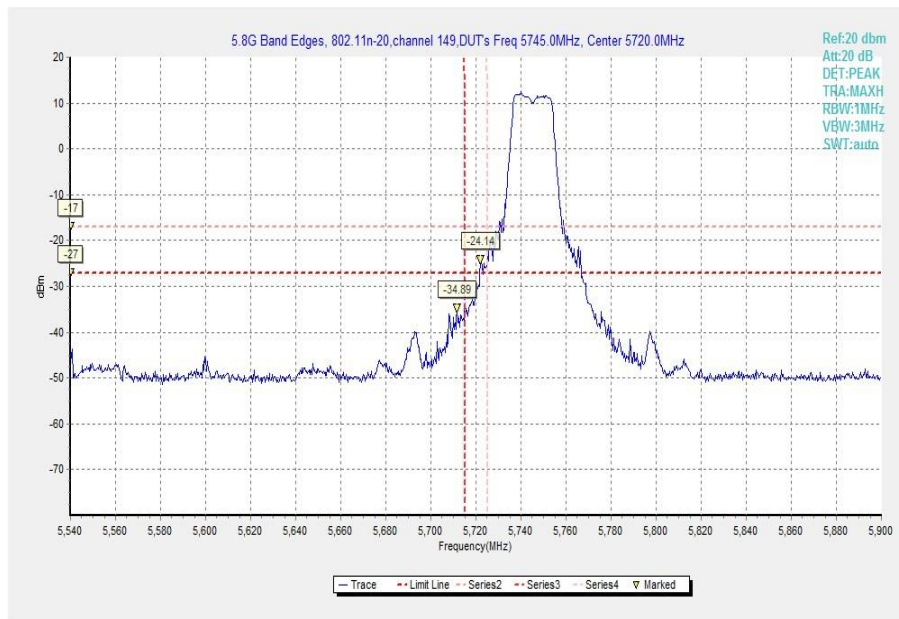


Fig. 43 Band Edges (802.11n-HT20, 5745MHz)

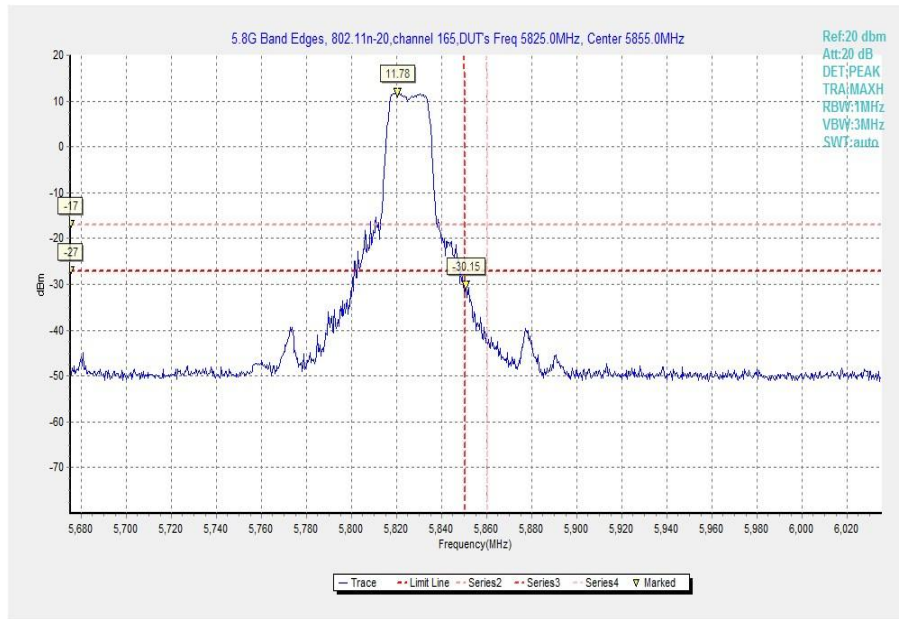


Fig. 44 Band Edges (802.11n-HT20, 5825MHz)

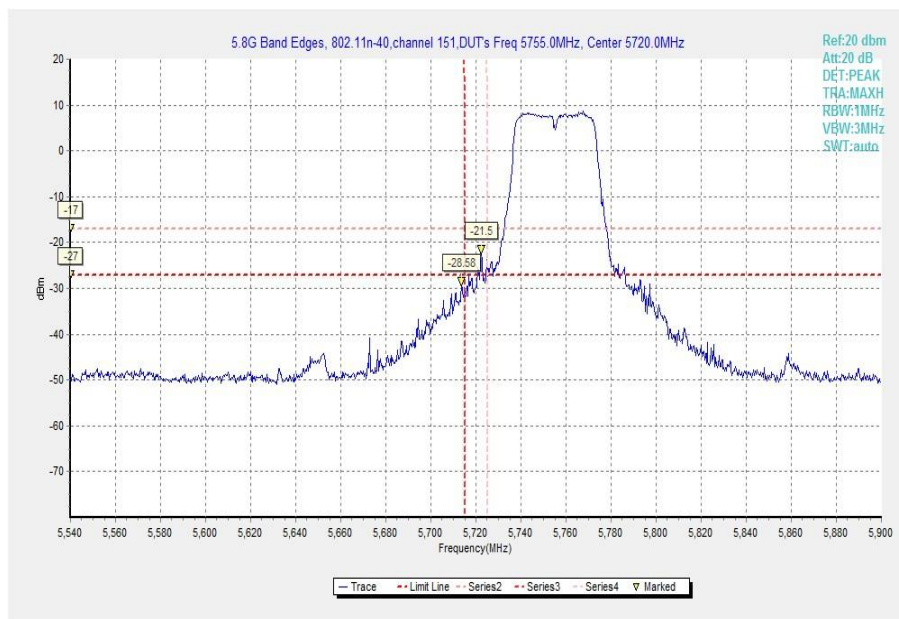


Fig. 45 Band Edges (802.11n-HT40, 5755MHz)

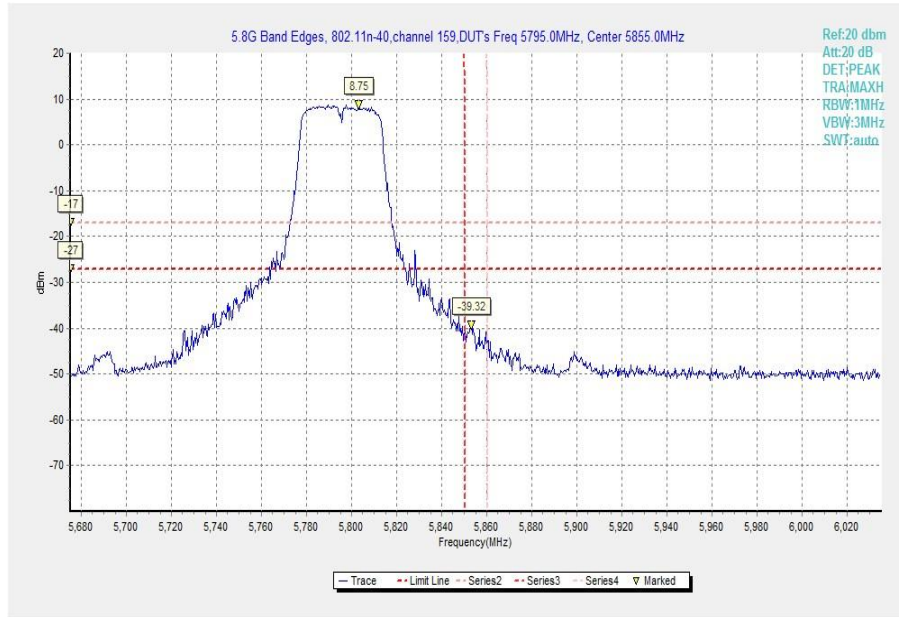


Fig. 46 Band Edges (802.11n-HT40, 5795MHz)

***** END OF REPORT BODY *****