

FCC Test Report

Report No.: AGC02249190301FE05

FCC ID : 2AS5N-A15

APPLICATION PURPOSE : Original Equipment

PRODUCT DESIGNATION : wireless interactive visualizer

BRAND NAME : Jetion

MODEL NAME : A15,WS-T4W, Q8, X8, K10, Q10, K15, I5, AF800, I8

CLIENT : JETION INTERNATIONAL LIMITED

DATE OF ISSUE : May 29, 2019

STANDARD(S) : FCC Part 15.247

TEST PROCEDURE(S)

REPORT VERSION : V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd

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REPORT REVISE RECORD

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	May 29, 2019	Valid	Initial Release



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1. VERIFICATION OF CONFORMITY

Applicant	JETION INTERNATIONAL LIMITED
Address	RM.4401, NO.16, HUAXIA ROAD, TIANHE DISTRICT, GUANGZHOU, GUANGDONG, CHINA
manufacturer	JETION INTERNATIONAL LIMITED
Address	RM.4401, NO.16, HUAXIA ROAD, TIANHE DISTRICT, GUANGZHOU, GUANGDONG, CHINA
Factory	GUANGZHOU NEBULOSA.TECHNOLOLTYCO., LTD
Address	ROOM301, BUILDINGD, NO.7, 3RDFINGYE STREETSCIENCE CITY, HIGH-TECH.INDUSTRIAL DEVELOPMENT ZONE, GUANGZHOU, GUANGDONG CHINA
Product Designation	wireless interactive visualizer
Brand Name	Jetion
Test Model	A15
Serial model	WS-T4W, Q8, X8, K10, Q10, K15, I5, AF800, I8
Difference description	All the same except the model name, resolution and exterior color
Date of test	May. 22. 2019 to May. 24. 2019
Deviation	None
Condition of Test Sample	Normal
Test Result	Pass
Report Template	AGCRT-US-BGN/RF

We hereby certify that:

The above equipment was tested by Attestation of Global Compliance (Shenzhen) Co., Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with radiated emission limits of FCC Rules Part 15.247.

Tested By

Draven Li

Draven Li(Li Ming Liang)

May 29, 2019

Reviewed By

Max Zhang

Max Zhang(Zhang Yi)

May 29, 2019

Approved By

Forrest Lei

Forrest Lei(Lei Yonggang)
Authorized Officer

May 29, 2019



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2. GENERAL INFORMATION

2.1. PRODUCT DESCRIPTION

The EUT is designed as “wireless interactive visualizer”. It is designed by way of utilizing the DSSS and OFDM technology to achieve the system operation.

A major technical description of EUT is described as following

Operation Frequency	2.412 GHz~2.462GHz
Output Power(Average)	IEEE 802.11b:14.26dBm; IEEE 802.11g:13.17dBm; IEEE 802.11n(20):16.01dBm; IEEE 802.11n(40):15.06dBm
Modulation	DSSS(DBPSK/DQPSK/CCK);OFDM(BPSK/QPSK/16-QAM/64-QAM)
Number of channels	11
Hardware Version	RevB SM-GX-MB
Software Version	V1.0.6
Antenna Designation	Two internal antennas (Only the 802.11n20/n40 can support MIMO function)
Antenna Gain	2.5dBi
Power Supply	DC 5V by adapter or DC 3.7V by battery

2.2. TABLE OF CARRIER FREQUENCIES

Frequency Band	Channel Number	Frequency
2400~2483.5MHZ	1	2412 MHZ
	2	2417 MHZ
	3	2422 MHZ
	4	2427 MHZ
	5	2432 MHZ
	6	2437 MHZ
	7	2442 MHZ
	8	2447 MHZ
	9	2452 MHZ
	10	2457 MHZ
	11	2462 MHZ

Note: For 20MHZ bandwidth system use Channel 1 to Channel 11, For 40MHZ bandwidth system use Channel 3 to Channel 9



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2.3. IEEE 802.11N MODULATION SCHEME

MCS Index	Nss	Modulation	R	NBPSC	NCBPS		NDBPS		Data rate(Mbps)	
									800nsGI	
					20MHz	40MHz	20MHz	40MHz	20MHz	40MHz
0	1	BPSK	1/2	1	52	108	26	54	6.5	13.5
1	1	QPSK	1/2	2	104	216	52	108	13.0	27.0
2	1	QPSK	3/4	2	104	216	78	162	19.5	40.5
3	1	16-QAM	1/2	4	208	432	104	216	26.0	54.0
4	1	16-QAM	3/4	4	208	432	156	324	39.0	81.0
5	1	64-QAM	2/3	6	312	648	208	432	52.0	108.0
6	1	64-QAM	3/4	6	312	648	234	489	58.5	121.5
7	1	64-QAM	5/6	6	312	648	260	540	65.0	135.0

Symbol	Explanation
NSS	Number of spatial streams
R	Code rate
NBPSC	Number of coded bits per single carrier
NCBPS	Number of coded bits per symbol
NDBPS	Number of data bits per symbol
GI	Guard interval

2.4. RELATED SUBMITTAL(S) / GRANT (S)

This submittal(s) (test report) is intended for **FCC ID: 2AS5N-A15** filing to comply with the FCC Part 15 requirements.

2.5. TEST METHODOLOGY

KDB 558074 D01 15.247 Meas Guidance v05: Guidance for compliance measurements on Digital transmission system, frequency hopping spread spectrum system, and hybrid system devices operating under section 15.247 of the FCC rules
ANSI C63.10:2013 : American National Standard for Testing Unlicensed Wireless Devices

2.6. SPECIAL ACCESSORIES

Refer to section 5.2.

2.7. EQUIPMENT MODIFICATIONS

Not available for this EUT intended for grant.



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3. MEASUREMENT UNCERTAINTY

The uncertainty is calculated using the methods suggested in the “Guide to the Expression of Uncertainty in measurement” (GUM) published by CISPR and ANSI.

- Uncertainty of Conducted Emission, $U_c = \pm 3.2$ dB
- Uncertainty of Radiated Emission below 1GHz, $U_c = \pm 3.9$ dB
- Uncertainty of Radiated Emission above 1GHz, $U_c = \pm 4.8$ dB



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4. DESCRIPTION OF TEST MODES

NO.	TEST MODE DESCRIPTION
1	Low channel TX
2	Middle channel TX
3	High channel TX
4	Normal operating
Note: Transmit by 802.11b with Data rate (1/2/5.5/11) Transmit by 802.11g with Data rate (6/9/12/18/24/36/48/54) Transmit by 802.11n (20MHz) with Data rate (6.5/13/19.5/26/39/52/58.5/65) Transmit by 802.11n (40MHz) with Data rate (13.5/27/40.5/54/81/108/121.5/135)	

Note:

- The EUT has been set to operate continuously on the lowest, middle and highest operation frequency Individually, and the eut is operating at its maximum duty cycle>or equal 98%
- All modes under which configure applicable have been tested and the worst mode test data recording in the test report, if no other mode data.

The test software is the iwpriv tool_V1.0 which can set the EUT into the individual test modes.



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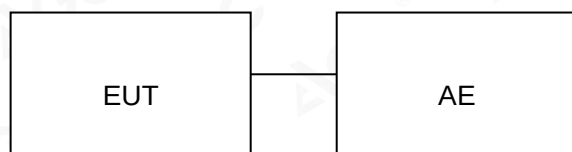
5. SYSTEM TEST CONFIGURATION

5.1. CONFIGURATION OF EUT SYSTEM

Radiated Emission Configure :



Conducted Emission Configure :



5.2. EQUIPMENT USED IN EUT SYSTEM

Item	Equipment	Model No.	ID or Specification	Remark
1	wireless interactive visualizer	A15	2AS5N-A15	EUT
2	Adapter	HKL-USB3810	5V, 1.0A	AE

5.3. SUMMARY OF TEST RESULTS

FCC RULES	DESCRIPTION OF TEST	RESULT
§15.247	Output Power	Compliant
§15.247	6 dB Bandwidth	Compliant
§15.247	Conducted Spurious Emission	Compliant
§15.247	Maximum Conducted Output Power SPECTRAL Density	Compliant
§15.209	Radiated Emission	Compliant
§15.247	Band Edges	Compliant
§15.207	Line Conduction Emission	Compliant



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6. TEST FACILITY

Test Site	Attestation of Global Compliance (Shenzhen) Co., Ltd
Location	1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
Designation Number	CN1259
FCC Test Firm Registration Number	975832
A2LA Cert. No.	5054.02
Description	Attestation of Global Compliance(Shenzhen) Co., Ltd is accredited by A2LA

TEST EQUIPMENT OF CONDUCTED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESPI	101206	Jun. 12, 2018	Jun. 11, 2019
LISN	R&S	ESH2-Z5	100086	Aug. 28, 2018	Aug. 27, 2019

TEST EQUIPMENT OF RADIATED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESCI	10096	Jun. 12, 2018	Jun. 11, 2019
EXA Signal Analyzer	Aglient	N9010A	MY53470504	Dec. 20, 2018	Dec. 19, 2019
Power sensor	Aglient	U2021XA	MY54110007	Sep. 20, 2018	Sep. 19, 2019
2.4GHz Fliter	Micro-tronics	087	N/A	Jun. 12, 2018	Jun. 11, 2019
Attenuator	Weinachel Corp	58-30-33	N/A	Jun. 12, 2018	Jun. 11, 2019
Horn antenna	SCHWARZBECK	BBHA 9170	#768	Sep. 21, 2017	Sep. 20, 2020
Active loop antenna (9K-30MHz)	ZHINAN	ZN30900C	18051	Jun. 14, 2018	Jun. 13, 2020
Double-Ridged Waveguide Horn	ETS LINDGREN	3117	00034609	May. 26, 2018	May. 25, 2020
Broadband Preamplifier	ETS LINDGREN	3117PA	00225134	Oct. 25, 2018	Oct. 24, 2019
ANTENNA	SCHWARZBECK	VULB9168	D69250	Sep. 28, 2017	Sep. 27, 2019



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7. OUTPUT POWER

7.1. MEASUREMENT PROCEDURE

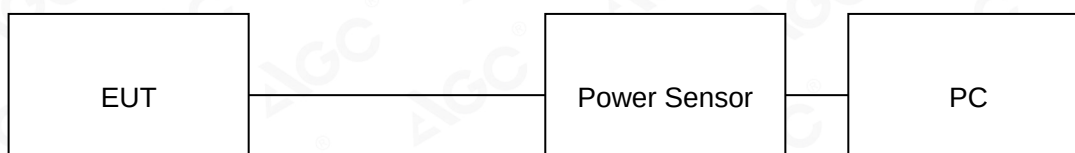
For average power test:

1. Connect EUT RF output port to power sensor through an RF attenuator.
2. Connect the power sensor to the PC.
3. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
4. Record the maximum power from the software.

Note : The EUT was tested according to ANSI C63.10 (2013) for compliance to FCC 47CFR 15.247 requirements.

7.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)

AVERAGE POWER SETUP



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7.3. LIMITS AND MEASUREMENT RESULT

Ant 0

TEST ITEM	OUTPUT POWER
TEST MODE	802.11b with data rate 1

port	Frequency (GHz)	Average Power (dBm)	Applicable Limits (dBm)	Pass or Fail
Ant 0	2.412	13.89	30	Pass
	2.437	13.63	30	Pass
	2.462	13.72	30	Pass
Ant 1	2.412	14.26	30	Pass
	2.437	13.75	30	Pass
	2.462	13.69	30	Pass

TEST ITEM	OUTPUT POWER
TEST MODE	802.11g with data rate 6

port	Frequency (GHz)	Average Power (dBm)	Applicable Limits (dBm)	Pass or Fail
Ant 0	2.412	13.17	30	Pass
	2.437	12.82	30	Pass
	2.462	12.73	30	Pass
Ant 1	2.412	12.76	30	Pass
	2.437	12.64	30	Pass
	2.462	13.11	30	Pass



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TEST ITEM	OUTPUT POWER
TEST MODE	802.11n 20 with data rate 6.5

port	Frequency (GHz)	Average Power (dBm)	Applicable Limits (dBm)	Pass or Fail
Ant 0	2.412	12.62	30	Pass
	2.437	12.79	30	Pass
	2.462	12.67	30	Pass
Ant 1	2.412	12.70	30	Pass
	2.437	12.90	30	Pass
	2.462	13.31	30	Pass
SUM	2.412	15.67	30	Pass
	2.437	15.86	30	Pass
	2.462	16.01	30	Pass

TEST ITEM	OUTPUT POWER
TEST MODE	802.11n 40 with data rate 13.5

port	Frequency (GHz)	Average Power (dBm)	Applicable Limits (dBm)	Pass or Fail
Ant 0	2.412	12.30	30	Pass
	2.437	11.83	30	Pass
	2.462	11.65	30	Pass
Ant 1	2.412	11.78	30	Pass
	2.437	11.75	30	Pass
	2.462	11.67	30	Pass
SUM	2.412	15.06	30	Pass
	2.437	14.80	30	Pass
	2.462	14.67	30	Pass



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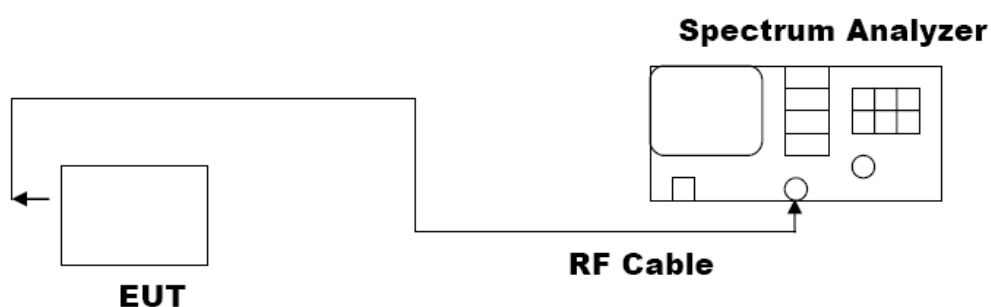
8. 6 DB BANDWIDTH

8.1. MEASUREMENT PROCEDURE

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
3. Set SPA Centre Frequency = Operation Frequency, RBW= 100 KHz, VBW $\geq$ 3 $\times$ RBW.
4. Set SPA Trace 1 Max hold, then View.

Note: The EUT was tested according to ANSI C63.10 (2013) for compliance to FCC 47CFR 15.247 requirements.

8.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)



8.3. LIMITS AND MEASUREMENT RESULTS

TEST ITEM	6DB BANDWIDTH
TEST MODE	802.11b with data rate 11

LIMITS AND MEASUREMENT RESULT			
Applicable Limits	Applicable Limits		
	Test Data (MHz)		Criteria
>500KHZ	Low Channel	9.094	PASS
	Middle Channel	9.316	PASS
	High Channel	9.078	PASS

TEST ITEM	6DB BANDWIDTH
TEST MODE	802.11g with data rate 54

LIMITS AND MEASUREMENT RESULT			
Applicable Limits	Applicable Limits		
	Test Data (MHz)		Criteria
>500KHZ	Low Channel	15.11	PASS
	Middle Channel	15.10	PASS
	High Channel	15.10	PASS

TEST ITEM	6DB BANDWIDTH
TEST MODE	802.11n 20 with data rate 65

LIMITS AND MEASUREMENT RESULT			
Applicable Limits	Applicable Limits		
	Test Data (MHz)		Criteria
>500KHZ	Low Channel	15.11	PASS
	Middle Channel	15.11	PASS
	High Channel	15.10	PASS



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TEST ITEM	6DB BANDWIDTH
TEST MODE	802.11n 40 with data rate 135

LIMITS AND MEASUREMENT RESULT			
Applicable Limits	Applicable Limits		
	Test Data (MHz)		Criteria
>500KHZ	Low Channel	35.07	PASS
	Middle Channel	35.08	PASS
	High Channel	35.09	PASS



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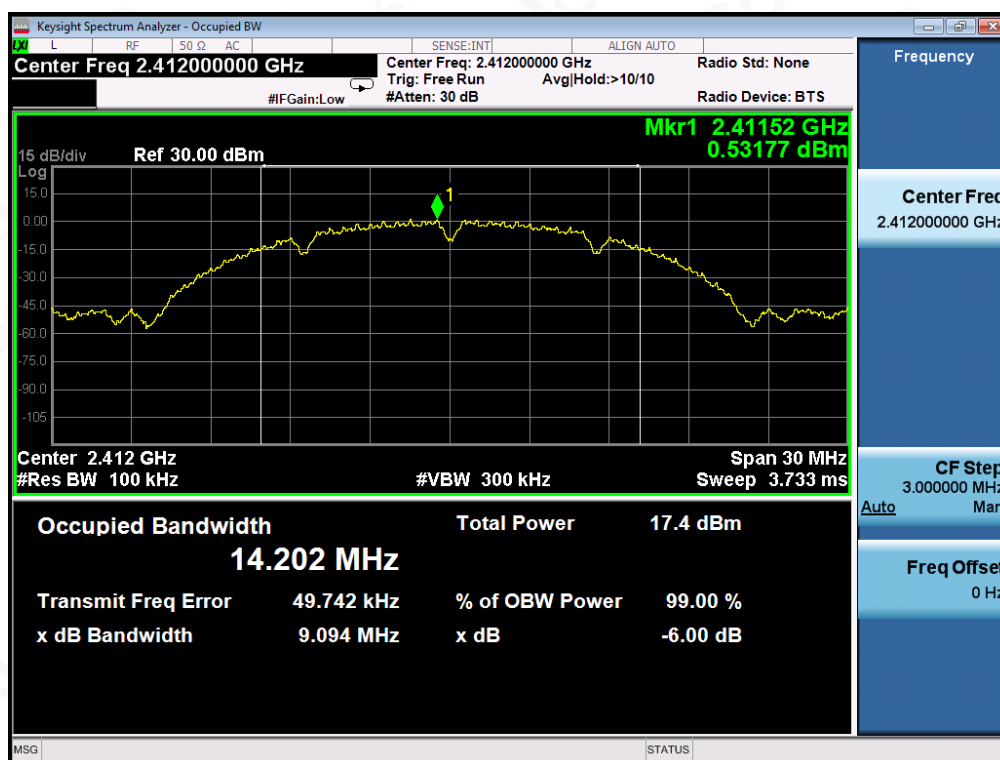
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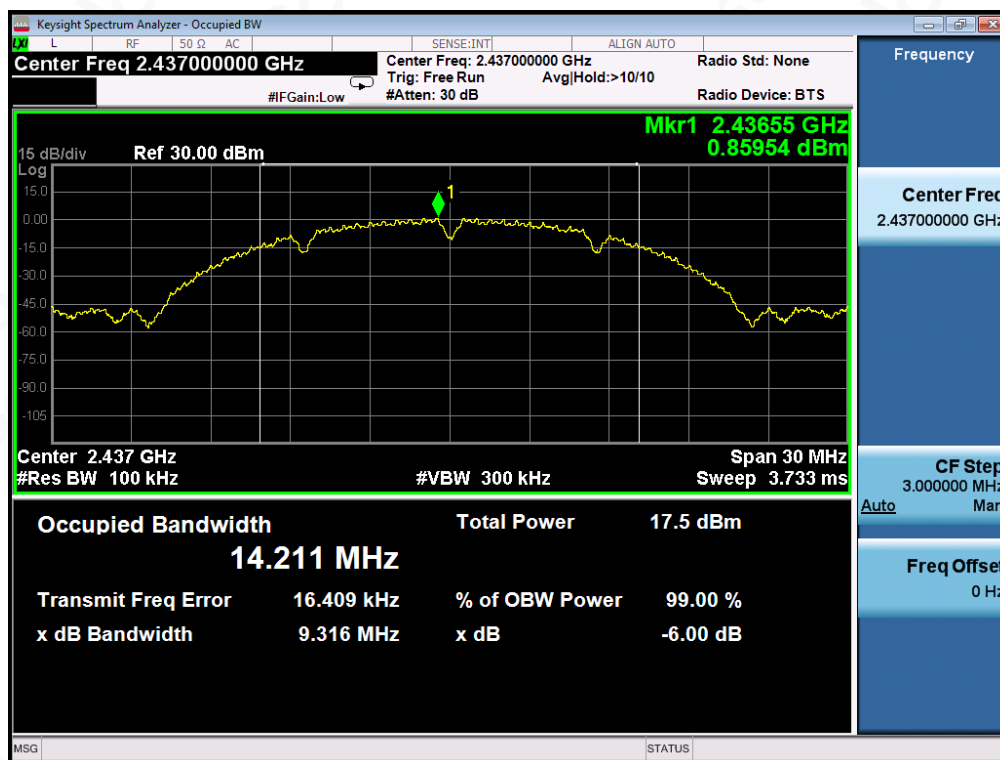
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802.11b TEST RESULT

TEST PLOT OF BANDWIDTH FOR LOW CHANNEL



TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL



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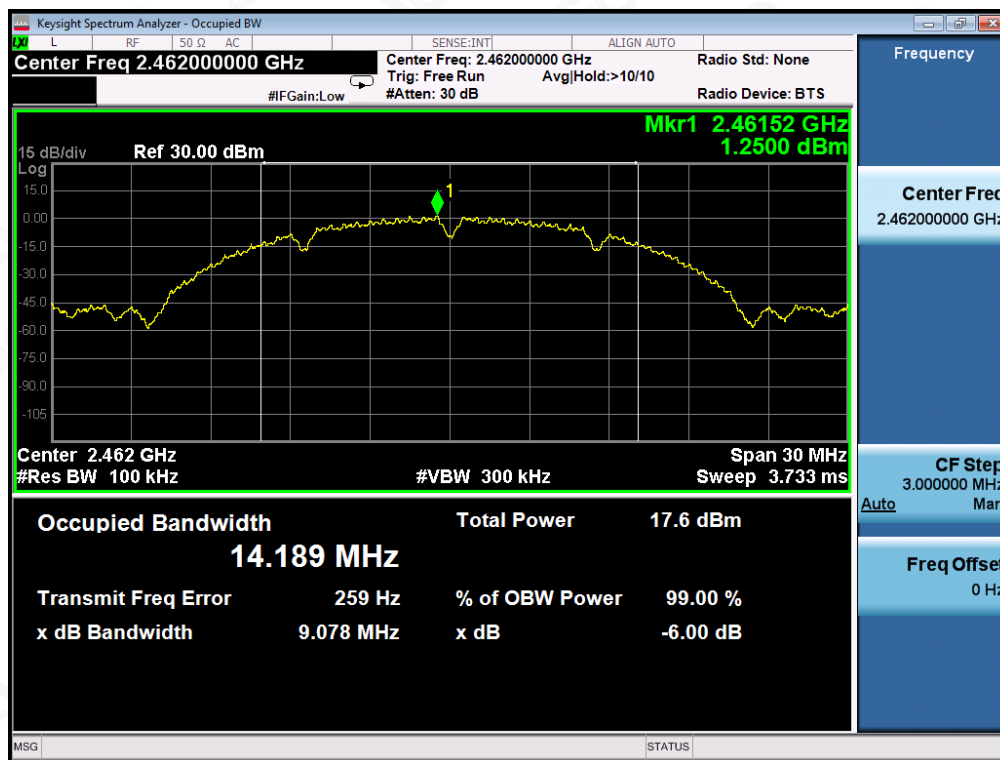
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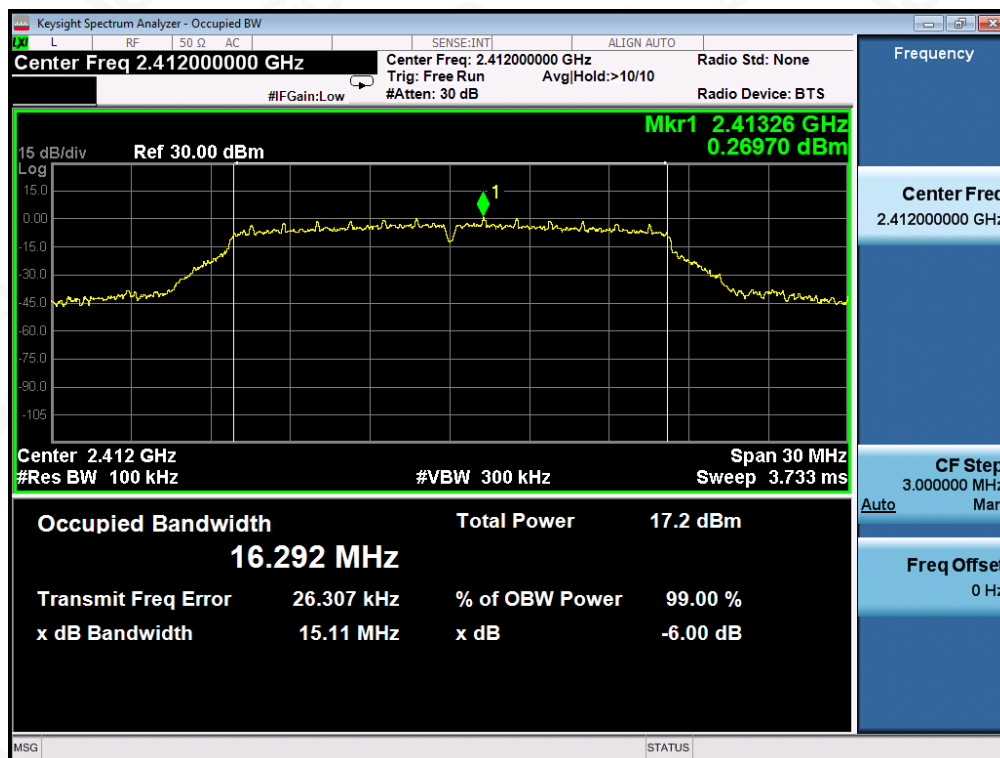
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TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



802.11g TEST RESULT

TEST PLOT OF BANDWIDTH FOR LOW CHANNEL

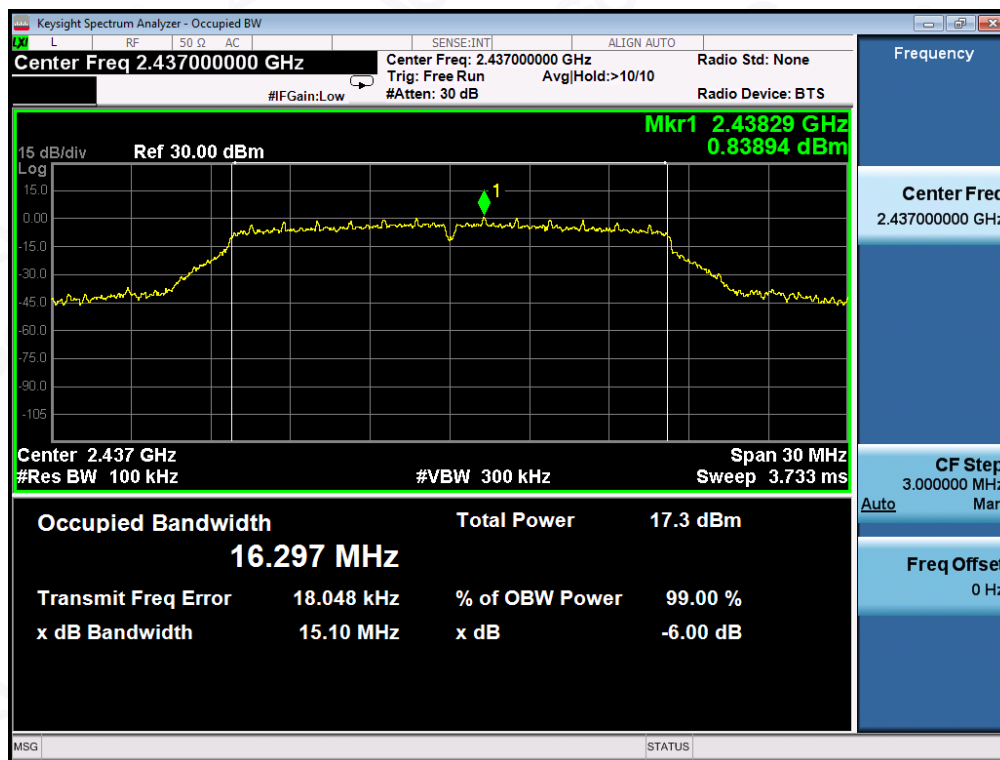


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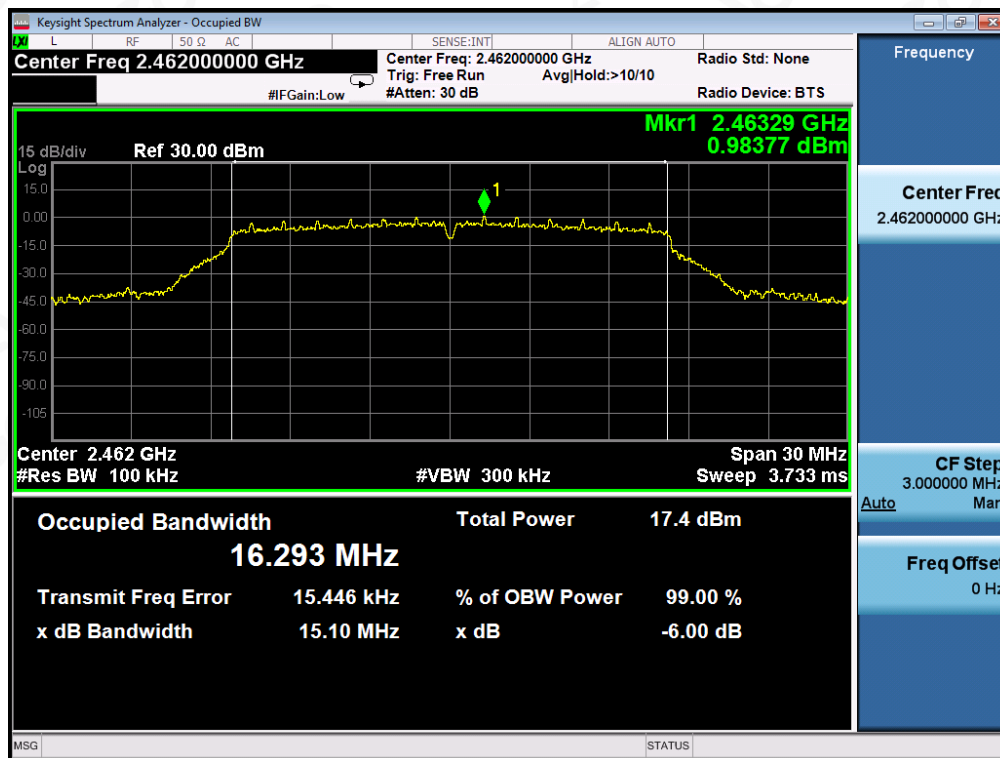
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TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL



TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



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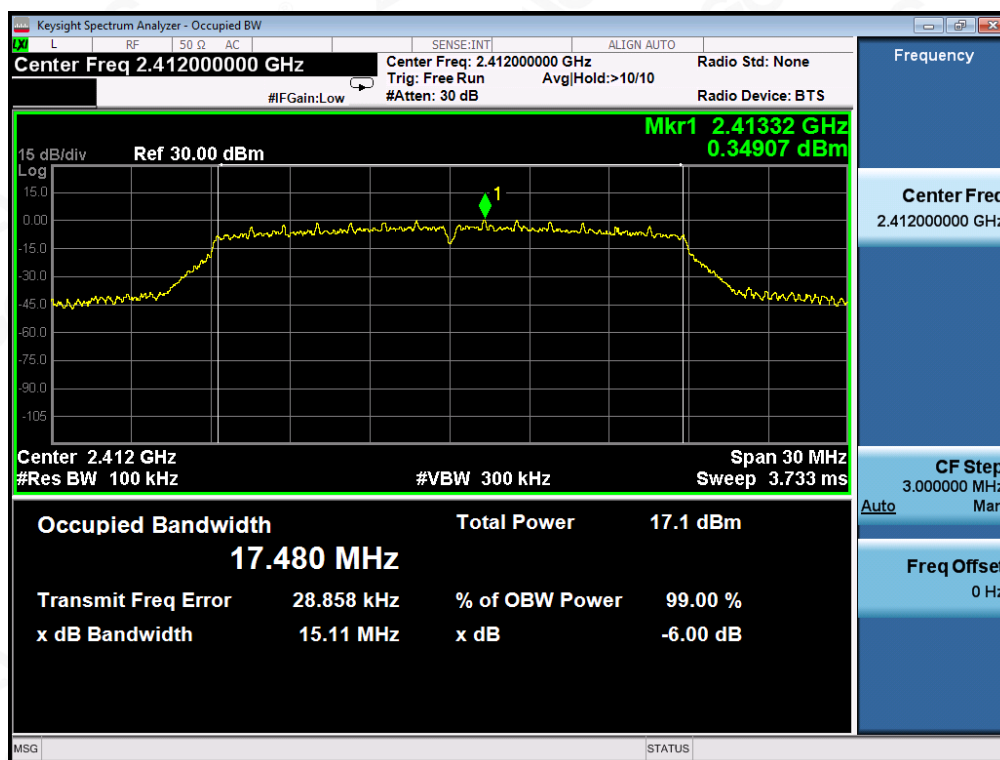
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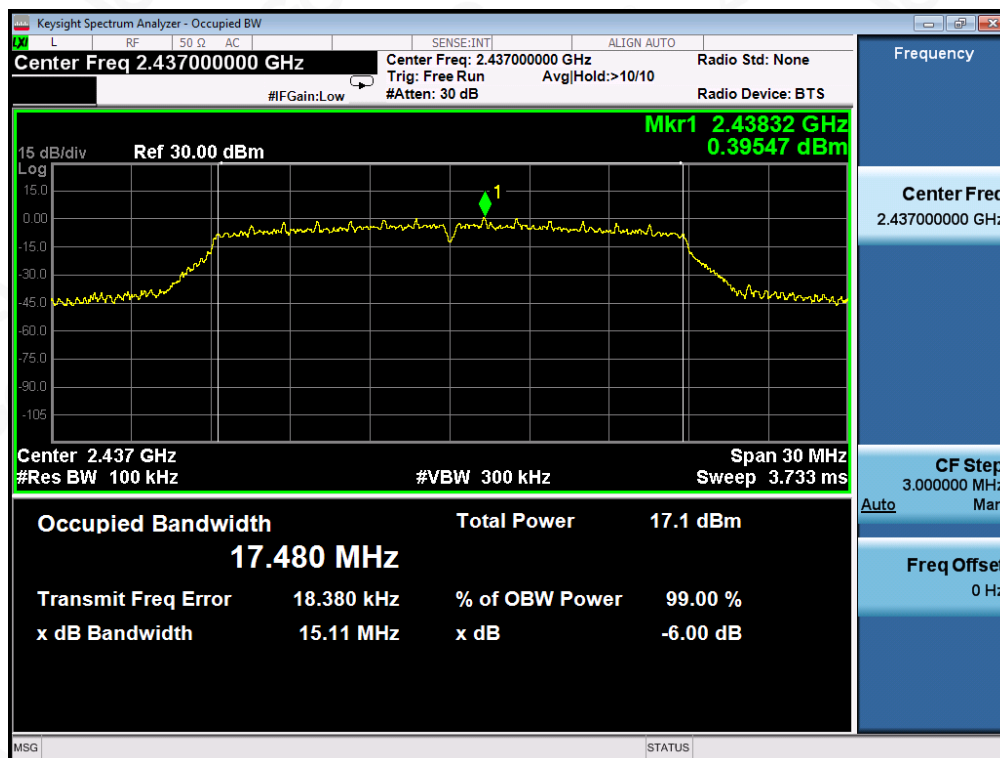
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802.11n (20) TEST RESULT

TEST PLOT OF BANDWIDTH FOR LOW CHANNEL



TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL



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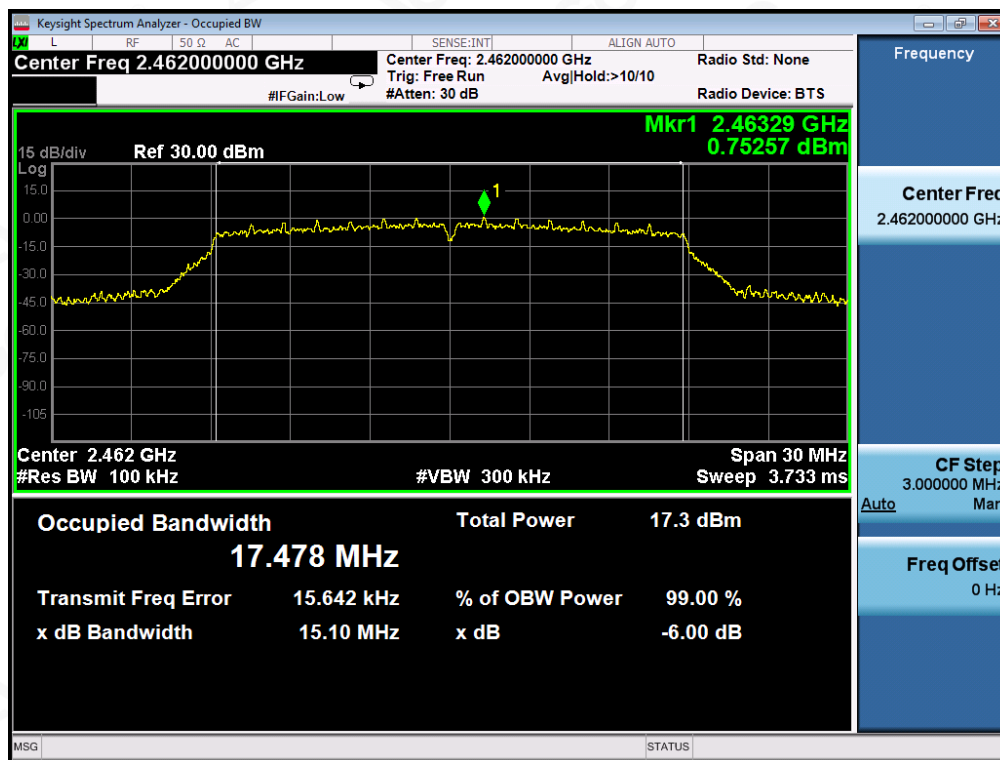
Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,
Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

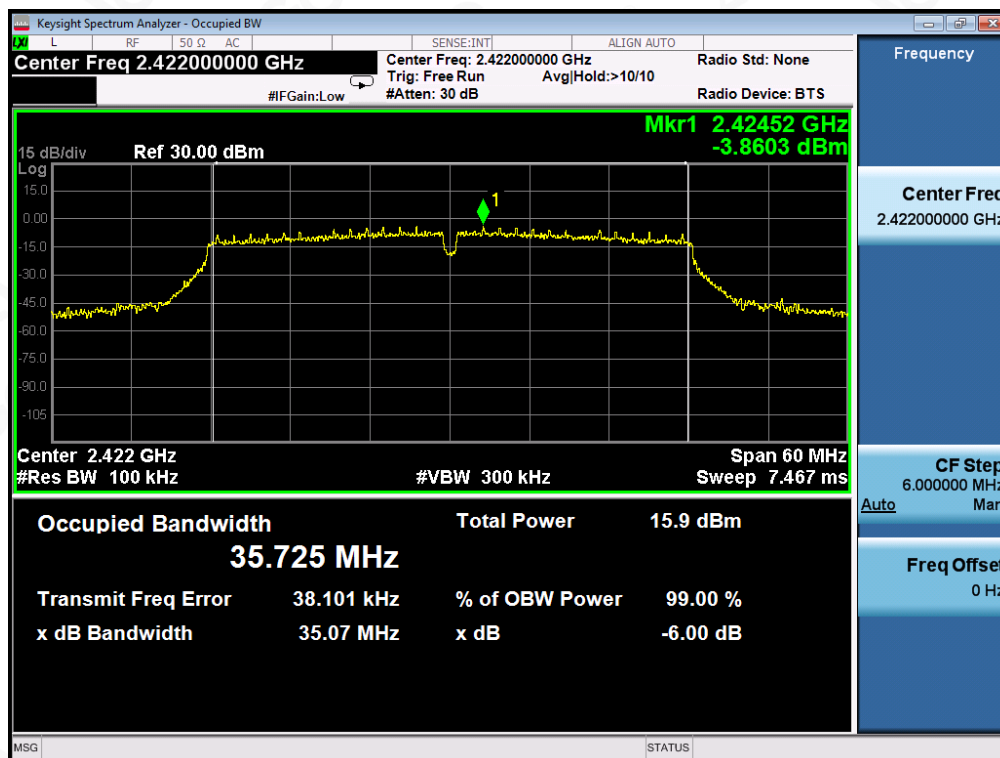
Service Hotline:400 089 2118

TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



802.11n (40) TEST RESULT

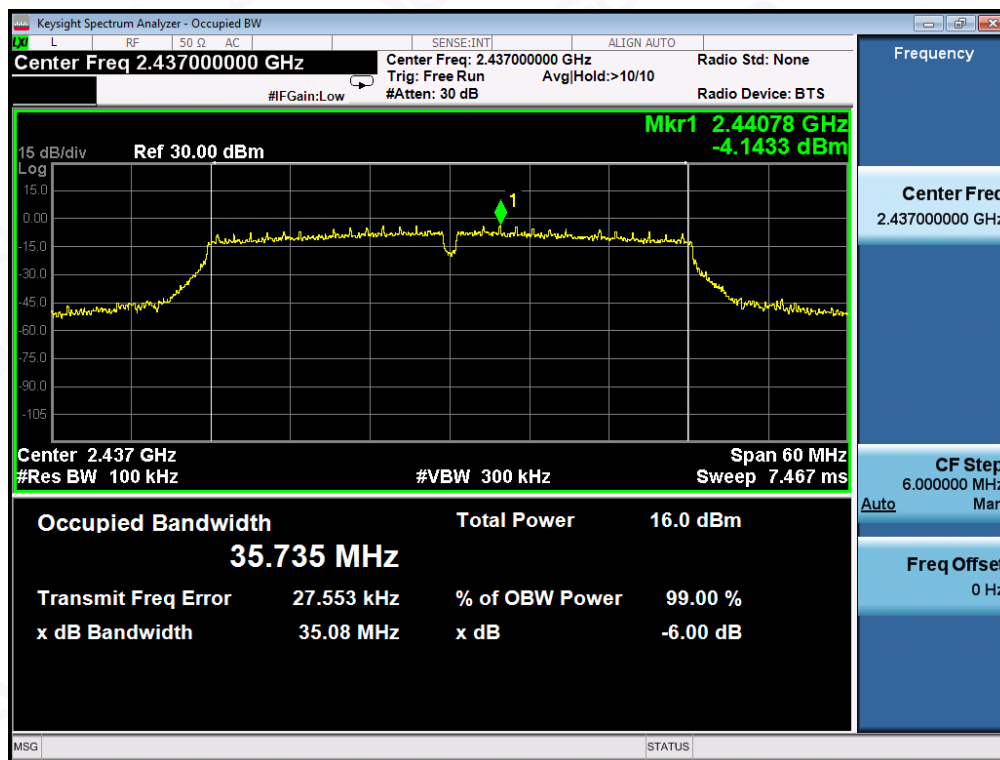
TEST PLOT OF BANDWIDTH FOR LOW CHANNEL



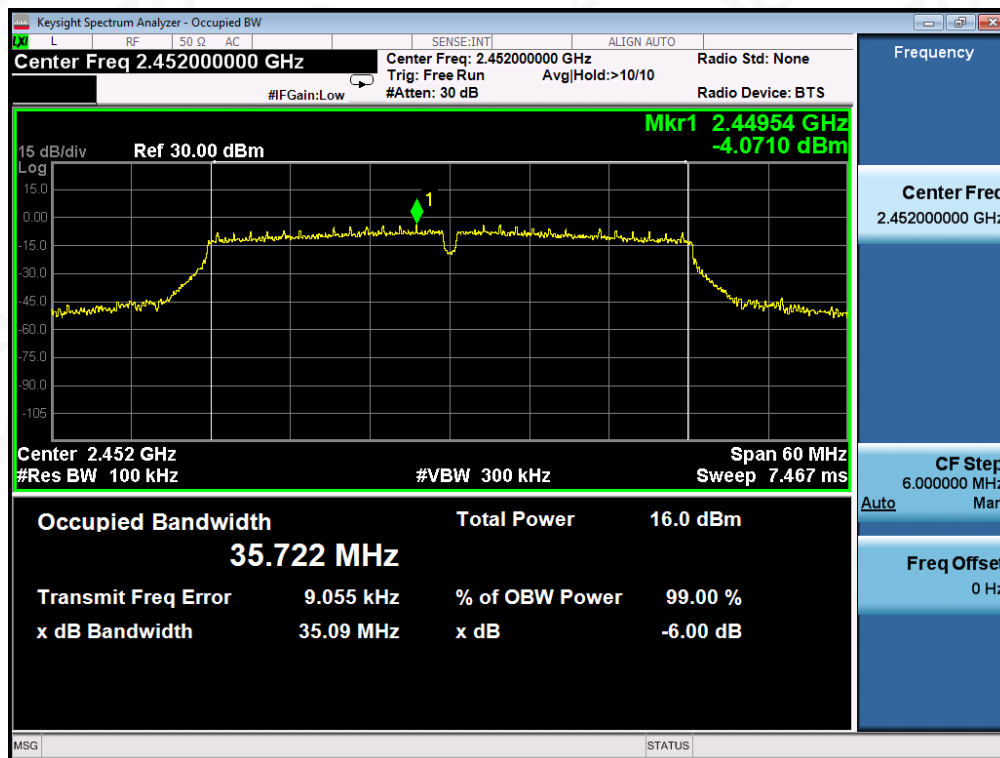
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TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL



TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



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9. CONDUCTED SPURIOUS EMISSION

9.1. MEASUREMENT PROCEDURE

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
3. Set SPA Trace 1 Max hold, then View.

Note: The EUT was tested according to ANSI C63.10 (2013) for compliance to FCC 47CFR 15.247 requirements. Owing to satisfy the requirements of the number of measurement points, we set the RBW=1MHz, VBW>RBW, scan up through 10th harmonic, and consider the tested results as the worst case, if the tested results conform to the requirement, we can deem that the real tested results(set the RBW=100KHz, VBW>RBW) are conform to the requirement.

9.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)

The same as described in section 8.2.

9.3. MEASUREMENT EQUIPMENT USED

The same as described in section 6.

9.4. LIMITS AND MEASUREMENT RESULT

LIMITS AND MEASUREMENT RESULT		
Applicable Limits	Measurement Result	
	Test Data	Criteria
In any 100 KHz Bandwidth Outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produce by the intentional radiator shall be at least 30 dB below that in 100KHz bandwidth within the band that contains the highest level of the desired power. In addition, radiation 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))	At least -30dBc than the limit Specified on the BOTTOM Channel	PASS
	At least -30dBc than the limit Specified on the TOP Channel	PASS

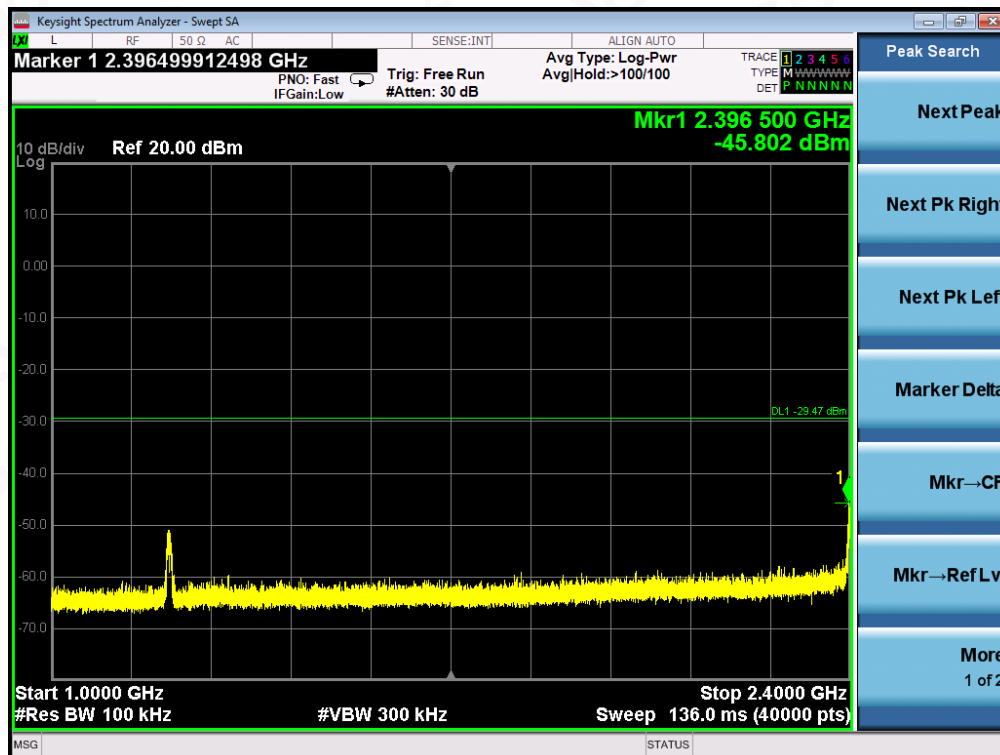
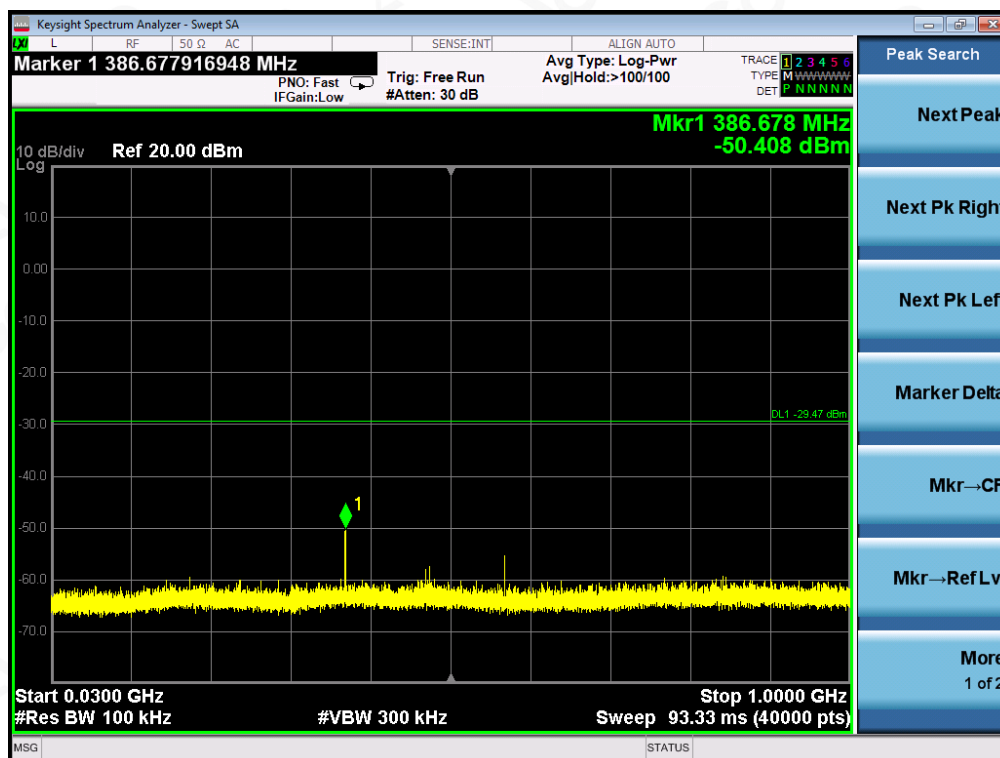


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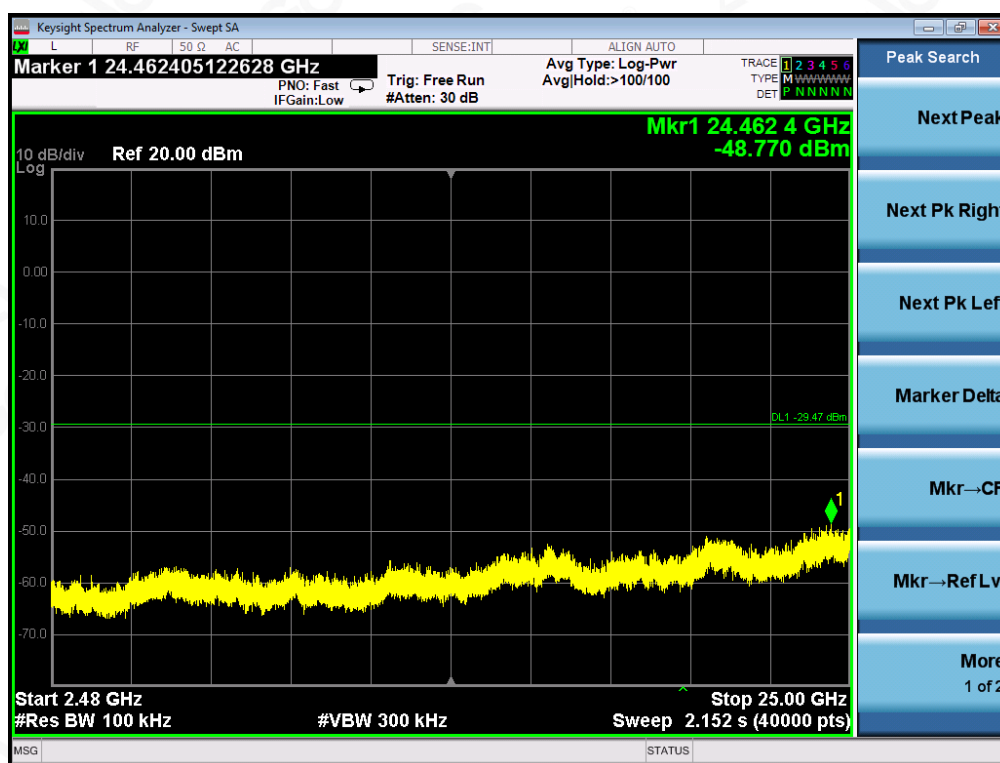
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TEST PLOT OF OUT OF BAND EMISSIONS WITH THE WORST CASE
OF 802.11b FOR MODULATION IN LOW CHANNEL

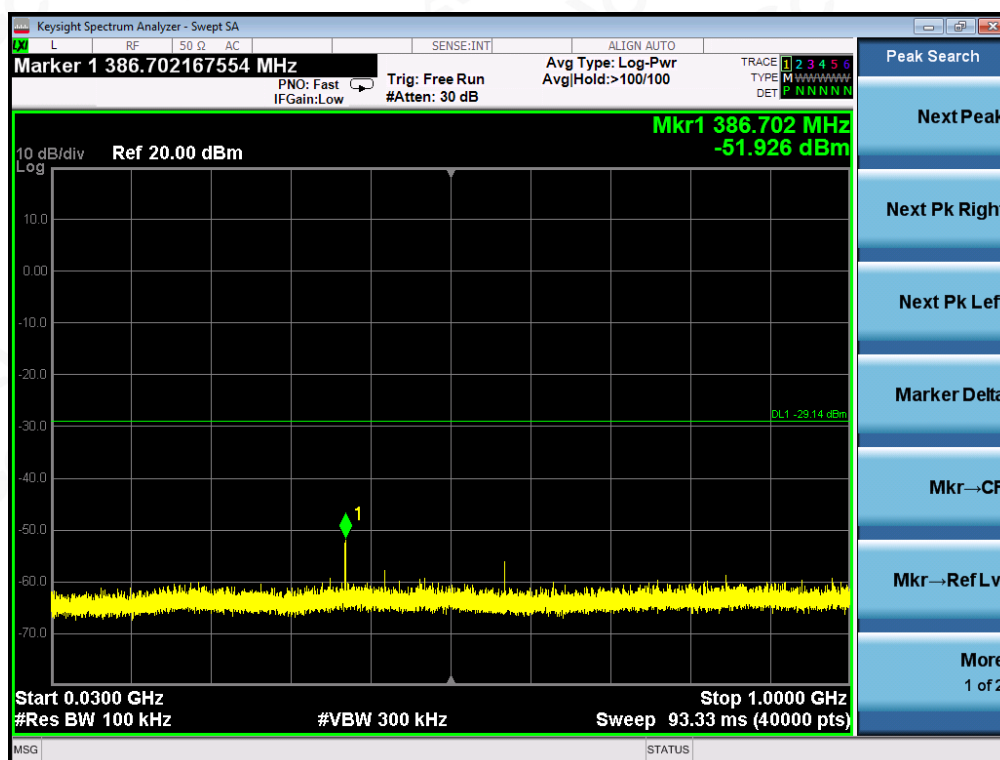


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TEST PLOT OF OUT OF BAND EMISSIONS THE WORST CASE
OF 802.11b FOR MODULATION IN MIDDLE CHANNEL



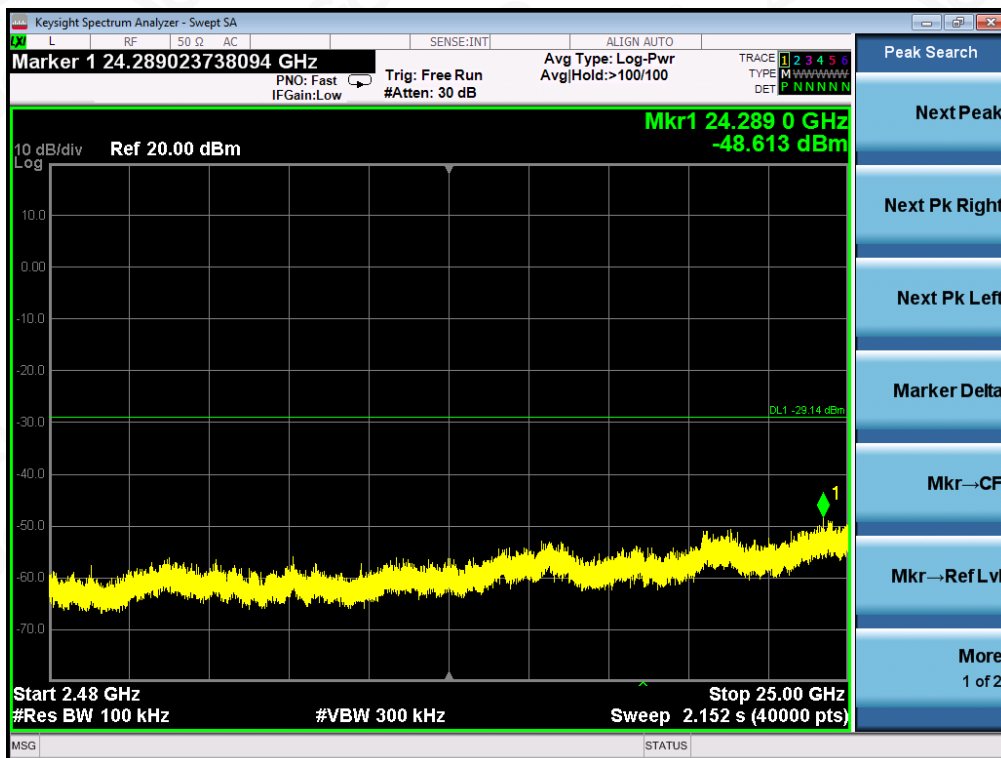
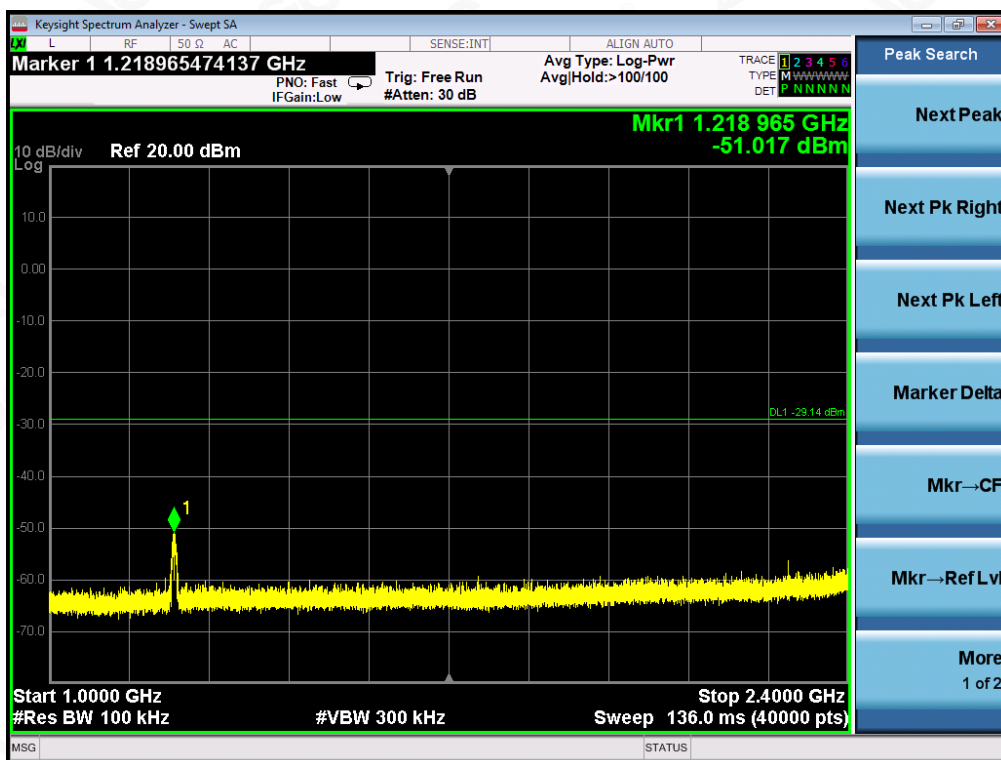
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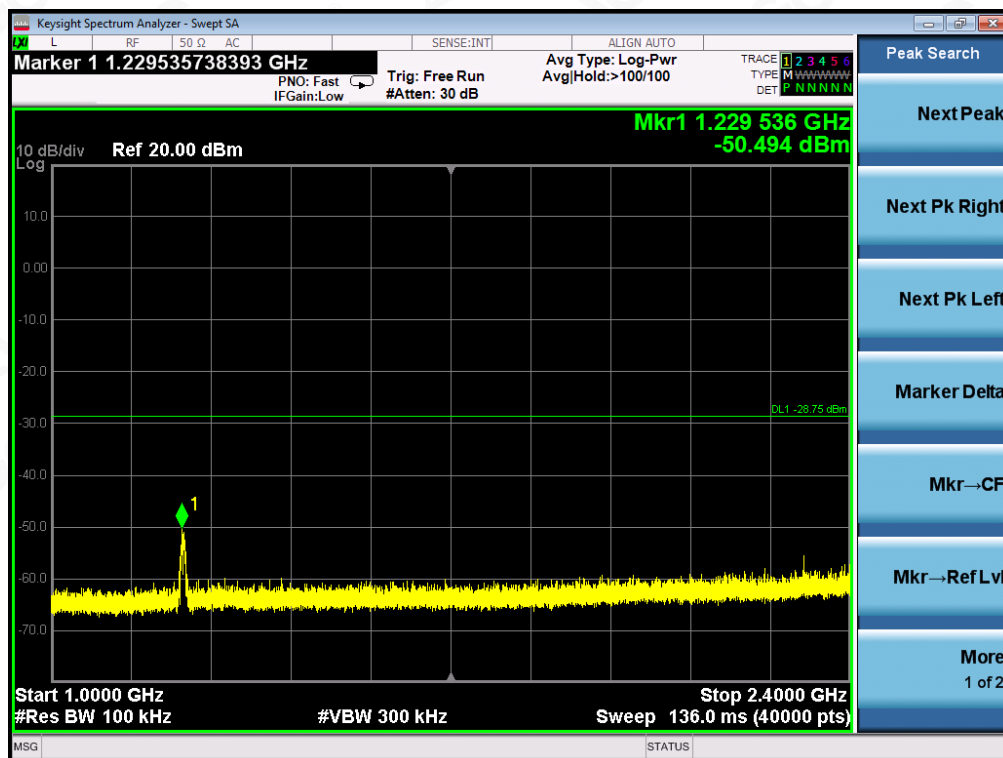
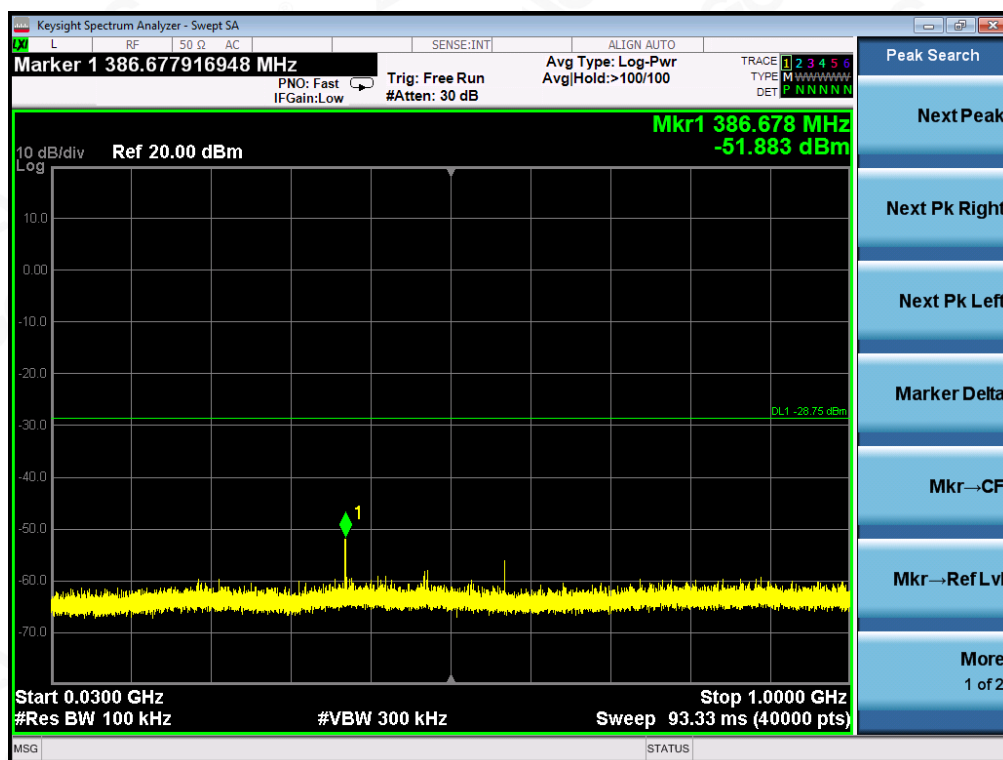
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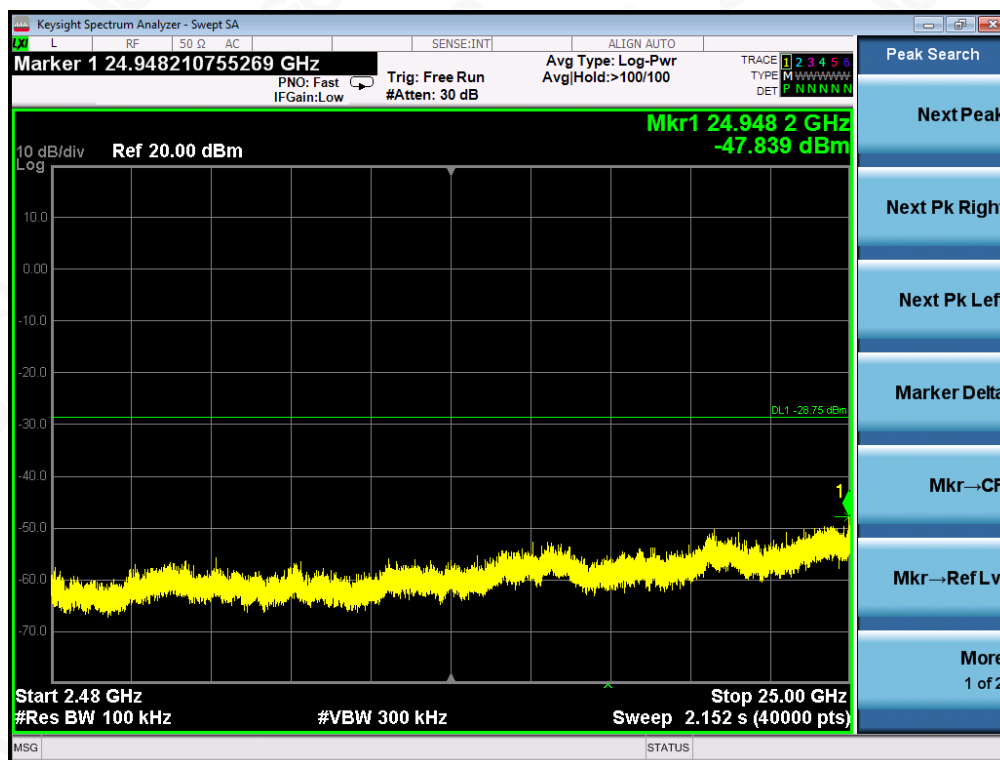
Service Hotline:400 089 2118

TEST PLOT OF OUT OF BAND EMISSIONS THE WORST CASE
OF 802.11b FOR MODULATION IN HIGH CHANNEL

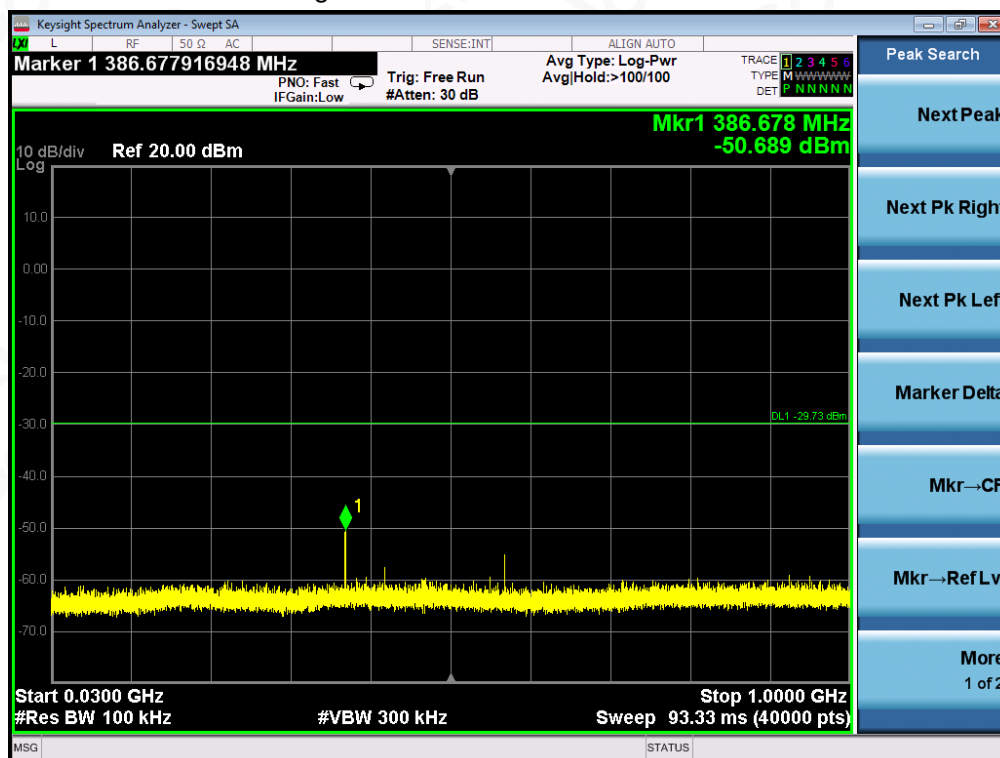


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TEST PLOT OF OUT OF BAND EMISSIONS WITH THE WORST CASE
OF 802.11g FOR MODULATION IN LOW CHANNEL



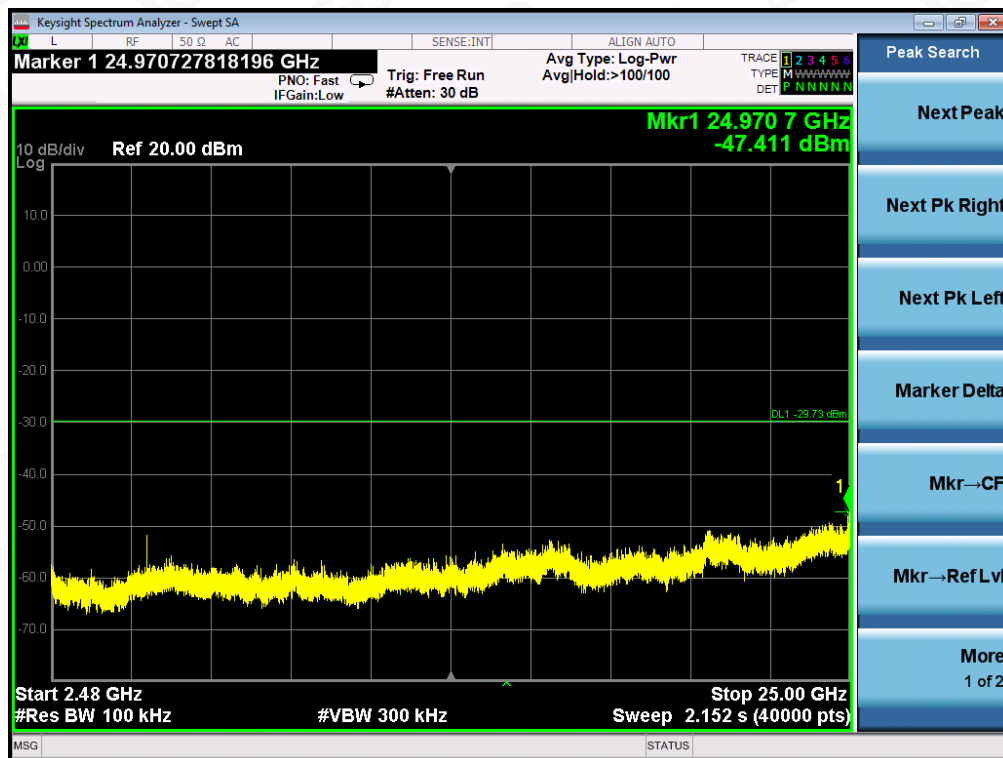
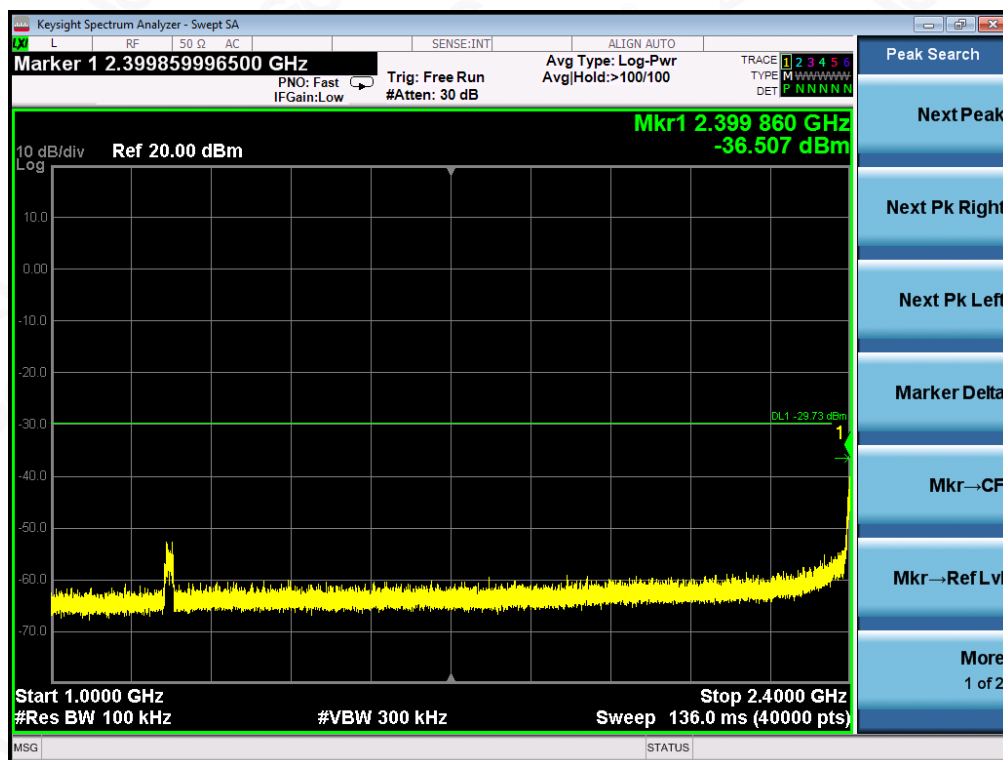
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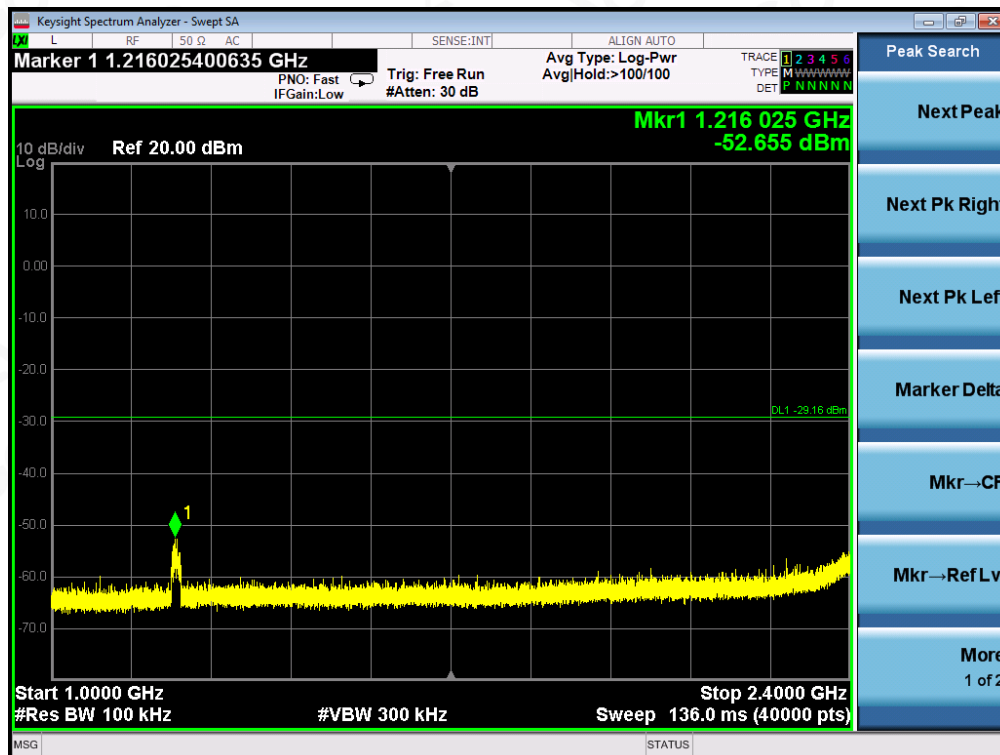
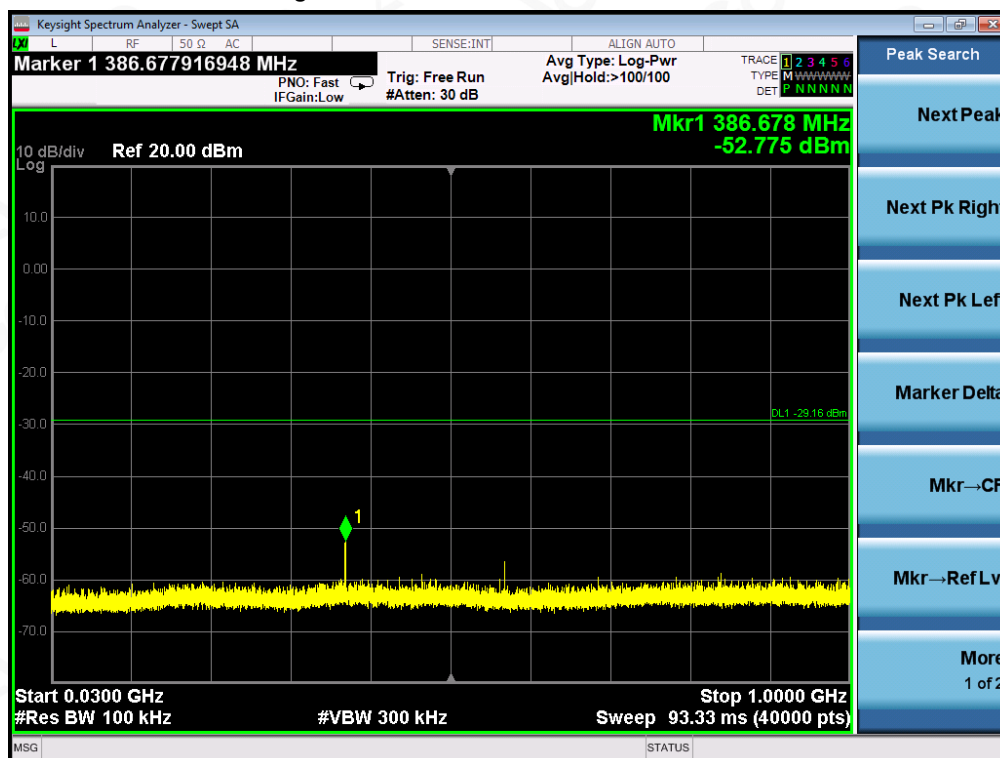
Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,
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E-mail: agc@agc-cert.com

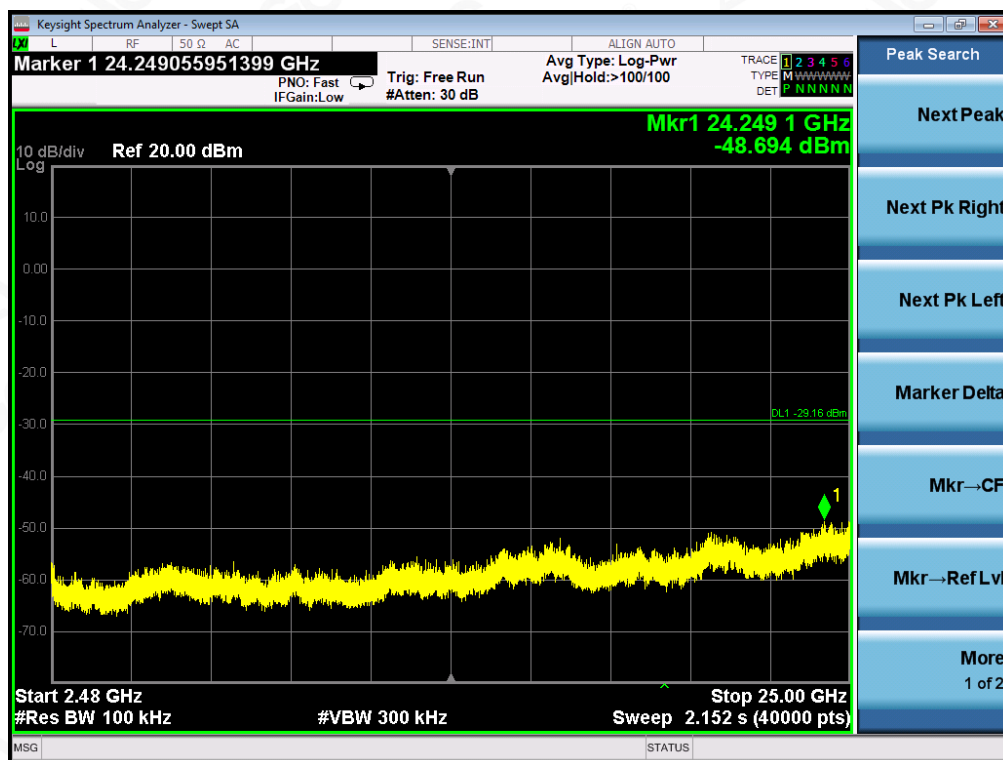
Service Hotline:400 089 2118

TEST PLOT OF OUT OF BAND EMISSIONS THE WORST CASE
OF 802.11g FOR MODULATION IN MIDDLE CHANNEL

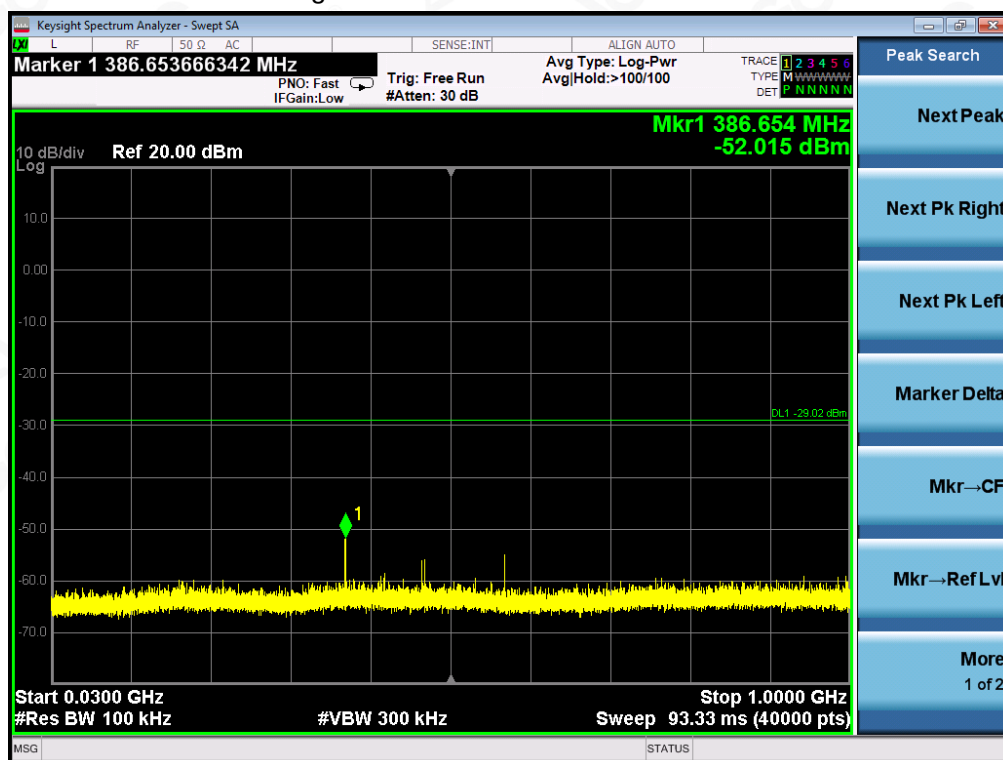


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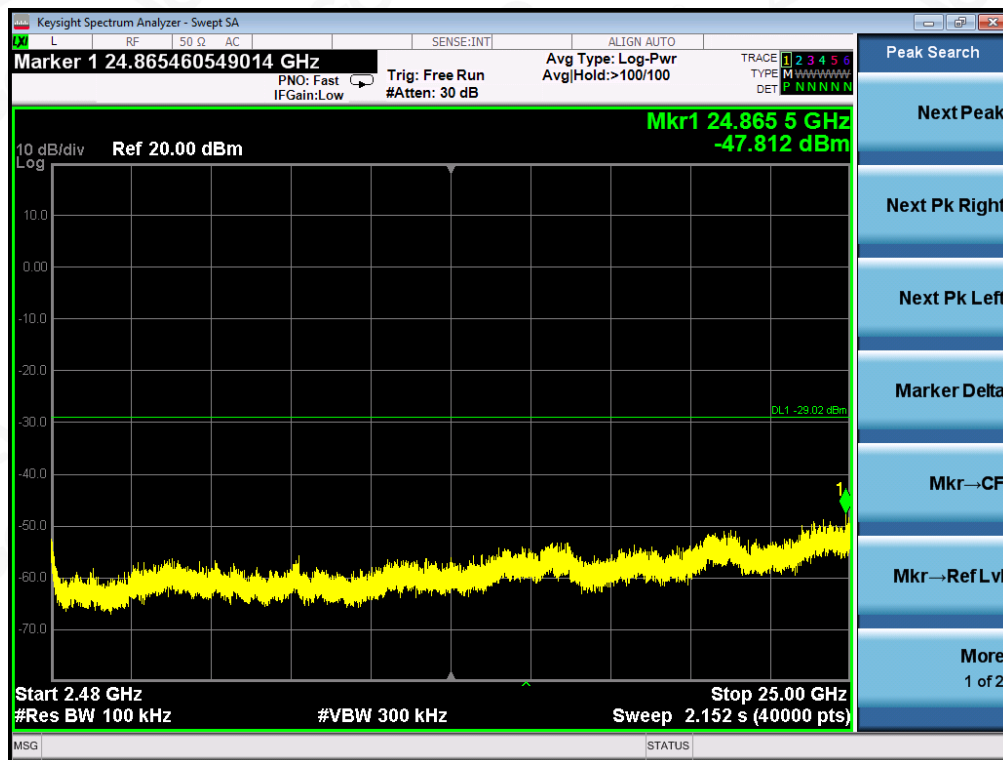
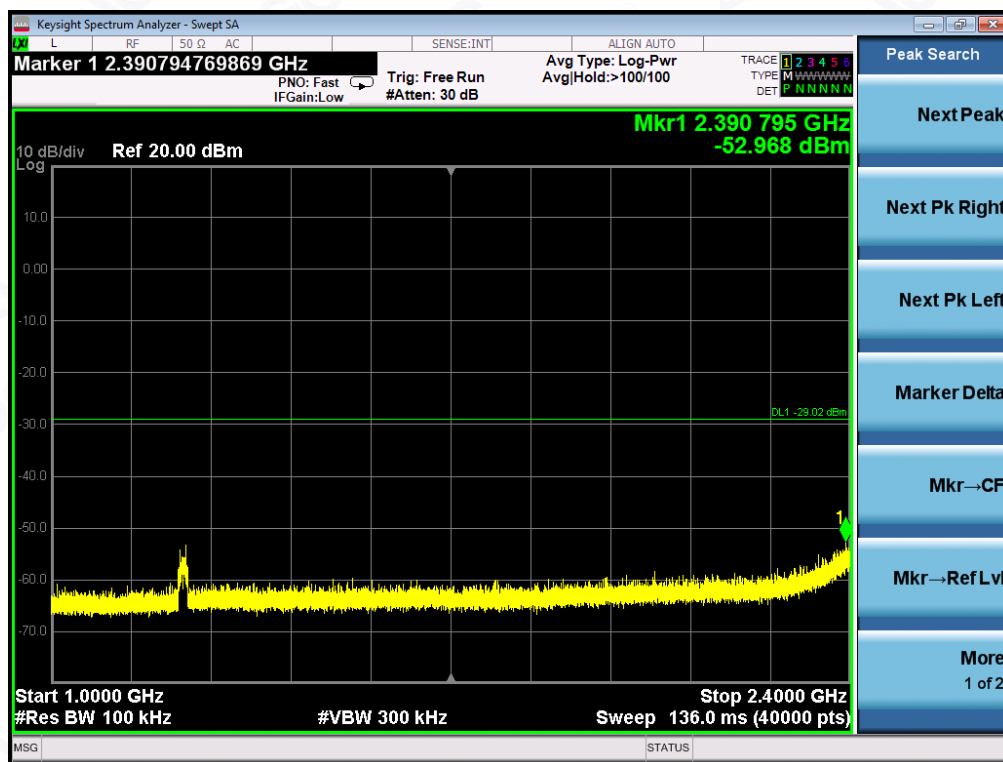
TEST PLOT OF OUT OF BAND EMISSIONS THE WORST CASE
OF 802.11g FOR MODULATION IN HIGH CHANNEL



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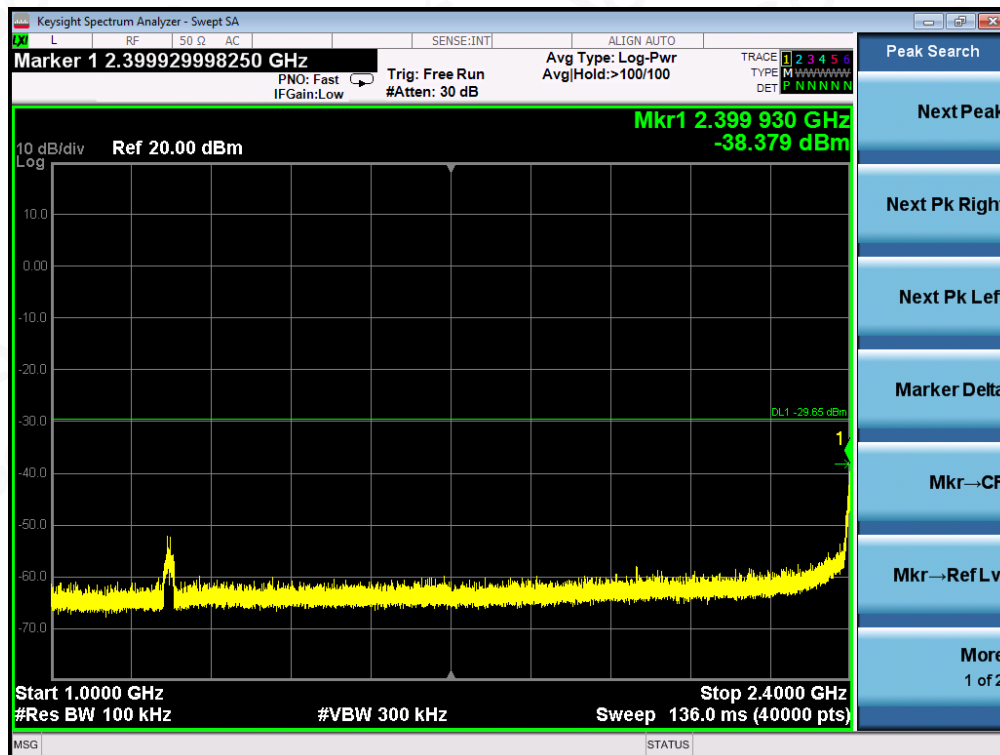
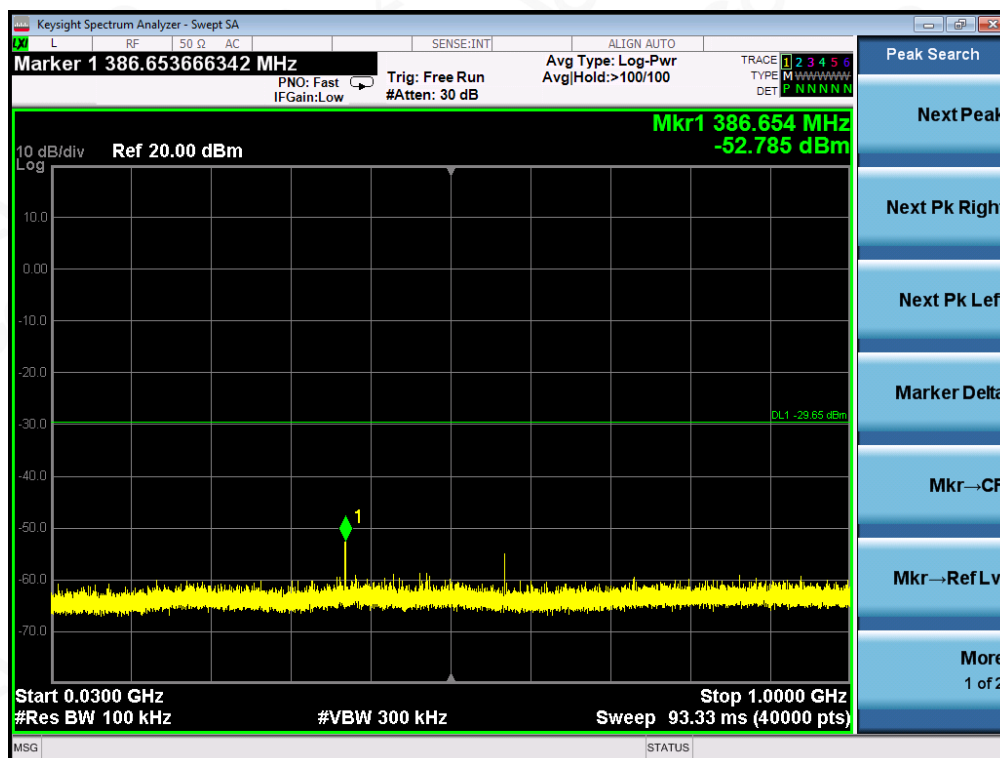
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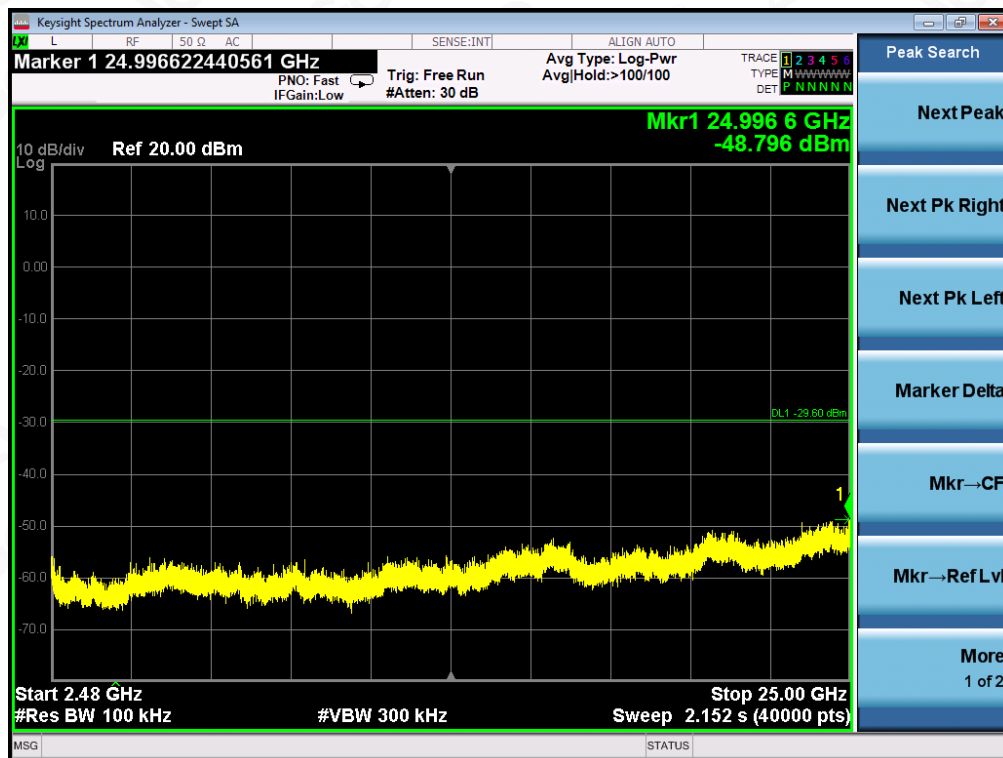
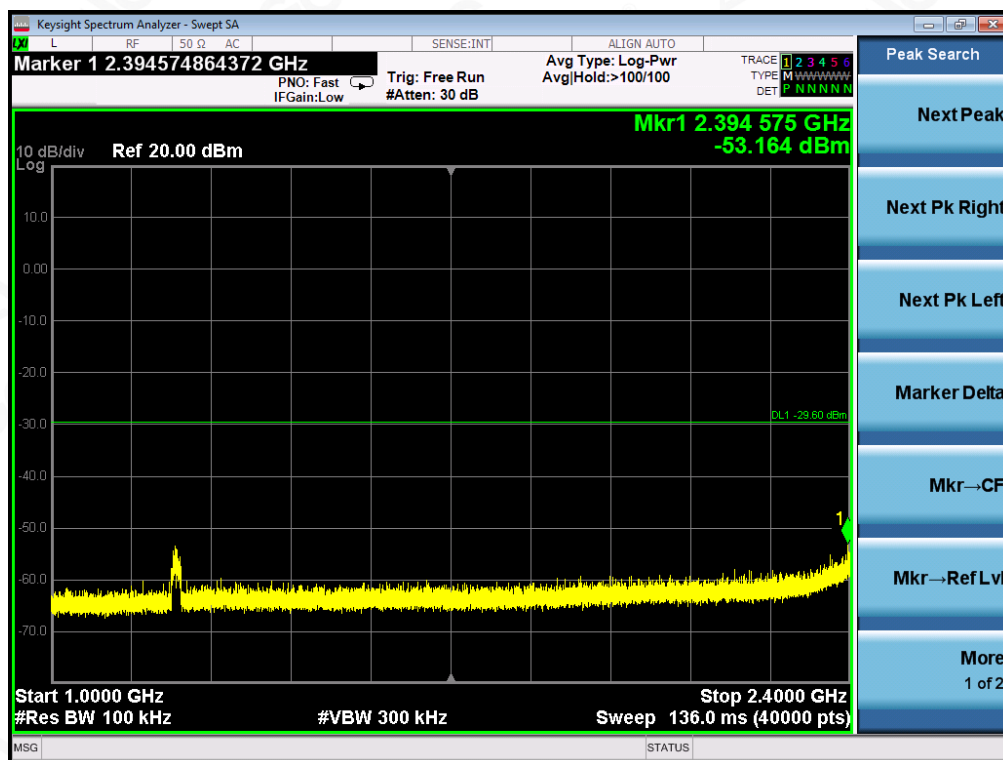
TEST PLOT OF OUT OF BAND EMISSIONS WITH THE WORST CASE
OF 802.11n20 FOR MODULATION IN LOW CHANNEL



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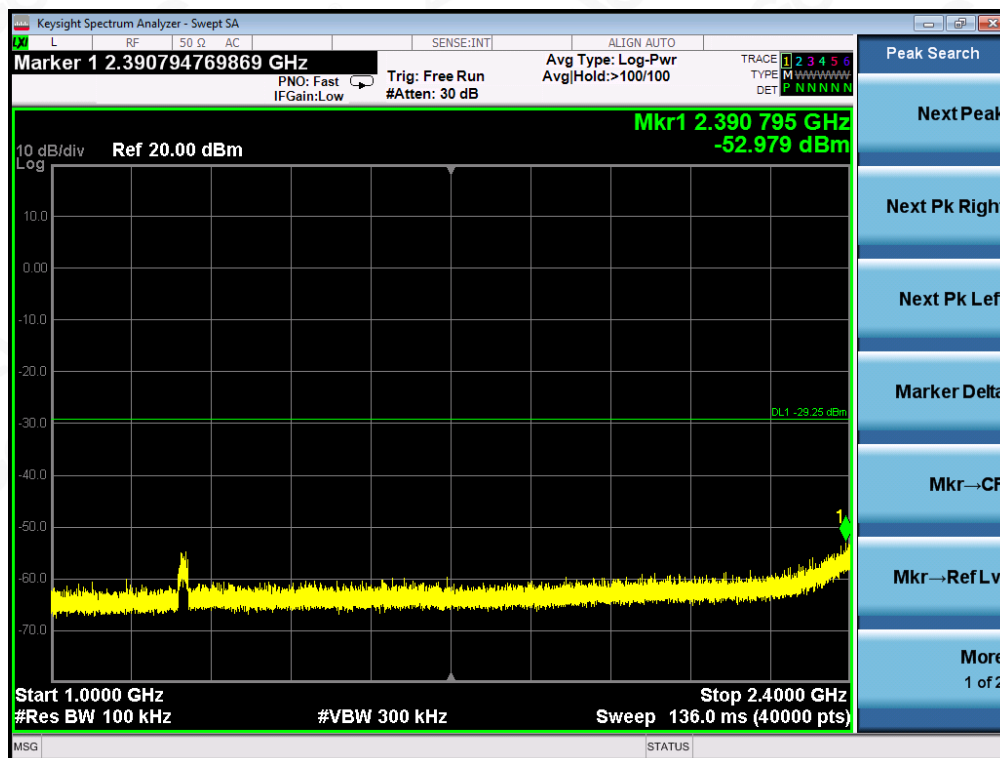
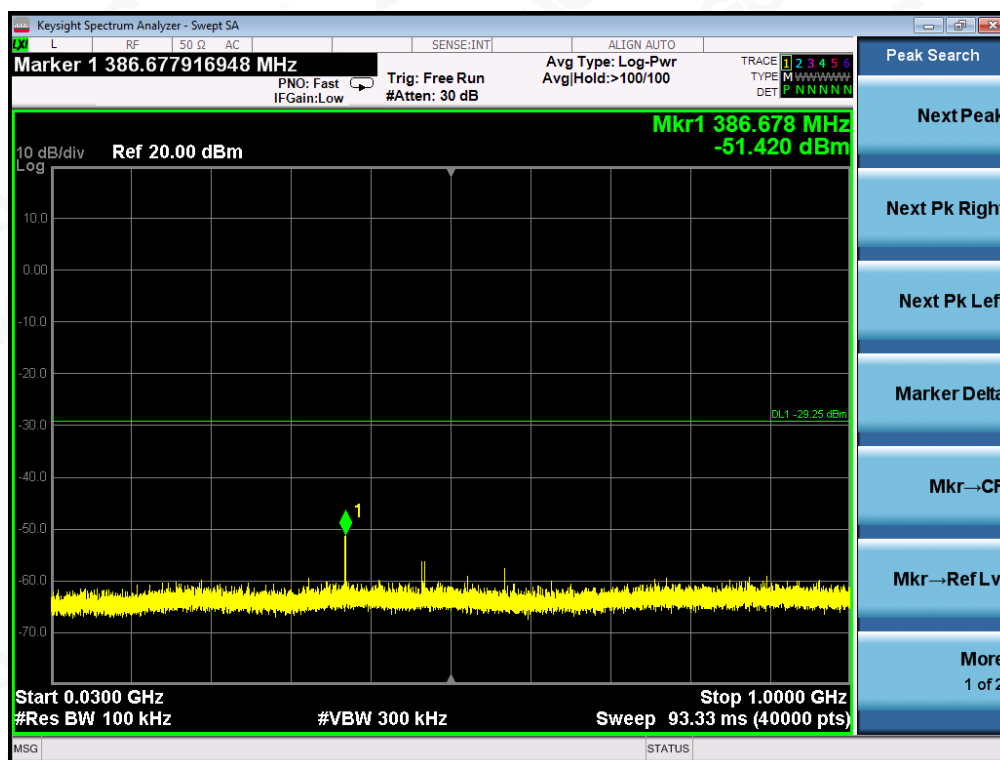
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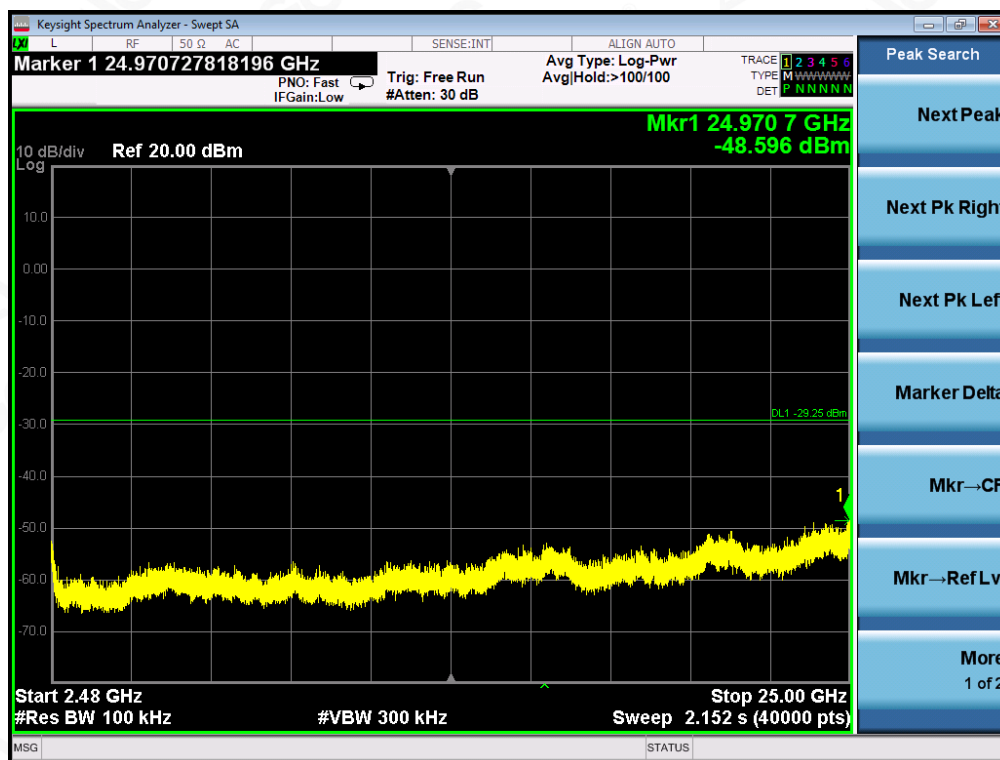
TEST PLOT OF OUT OF BAND EMISSIONS THE WORST CASE
OF 802.11n20 FOR MODULATION IN HIGH CHANNEL



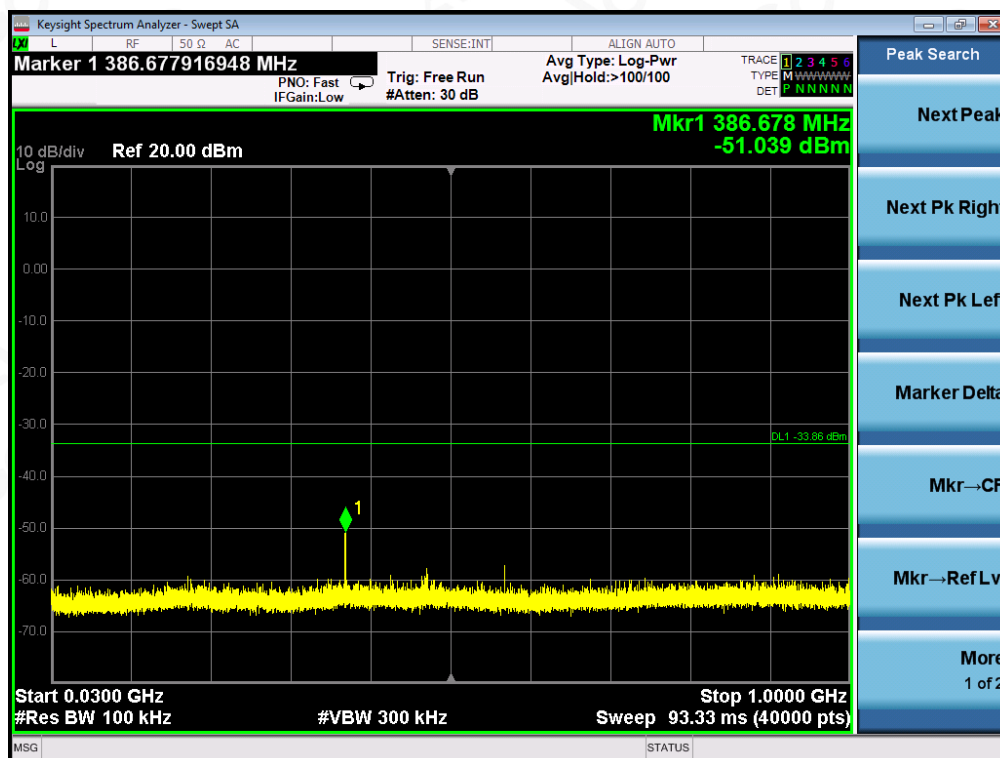
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TEST PLOT OF OUT OF BAND EMISSIONS WITH THE WORST CASE
OF 802.11n40 FOR MODULATION IN LOW CHANNEL



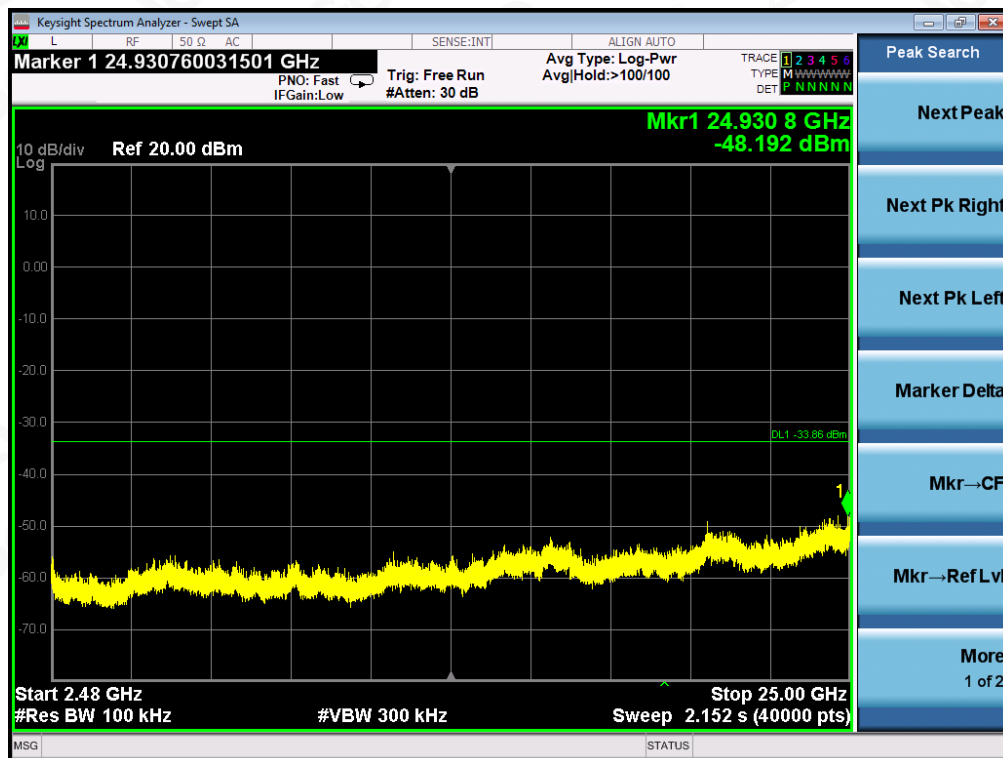
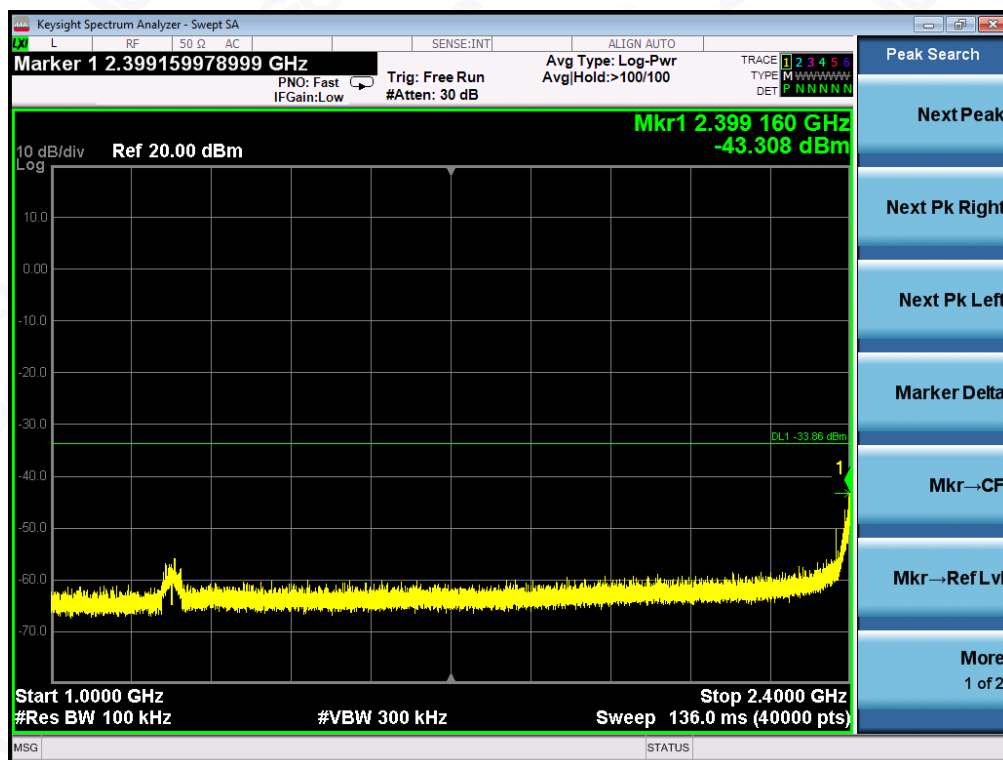
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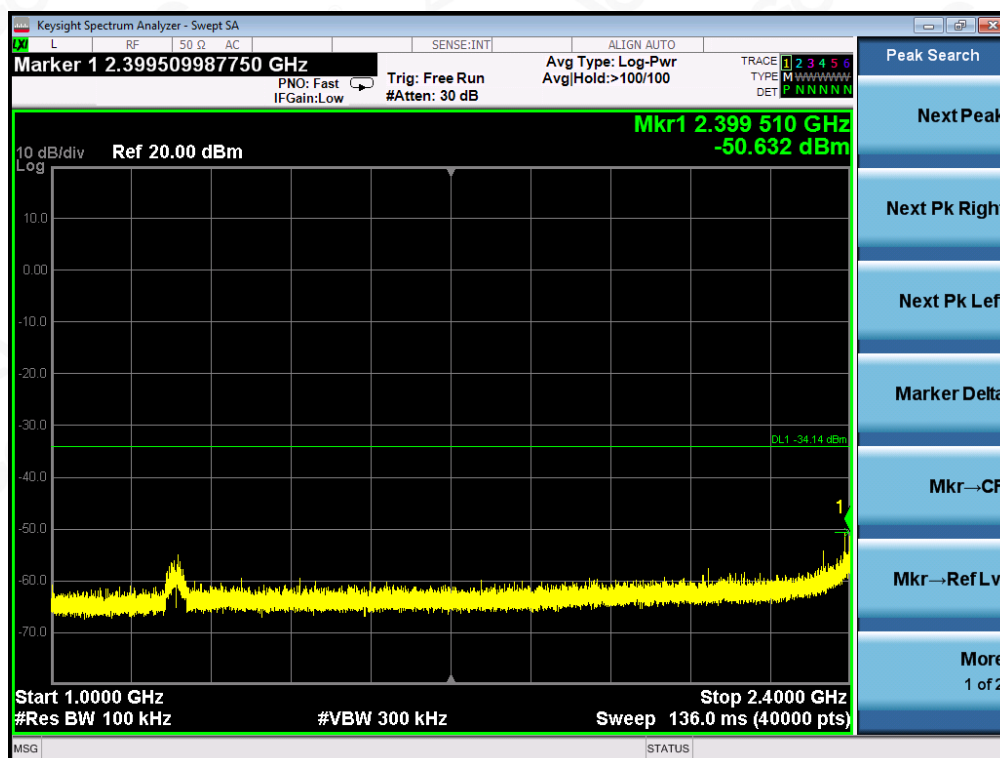
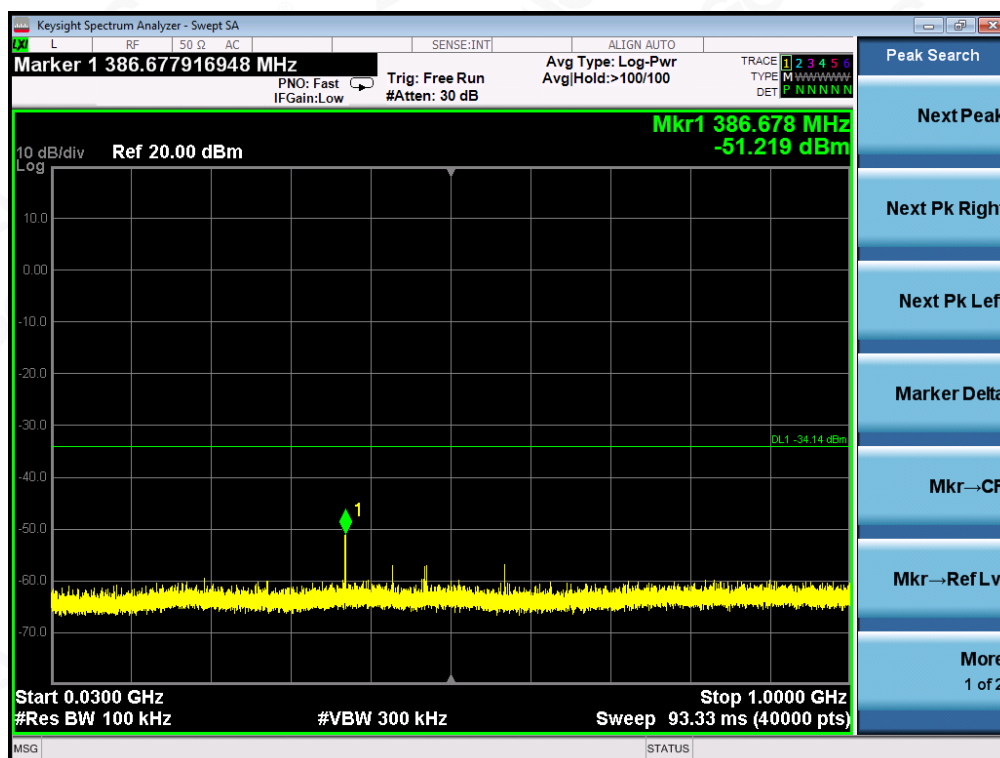


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TEST PLOT OF OUT OF BAND EMISSIONS THE WORST CASE
OF 802.11n40 FOR MODULATION IN MIDDLE CHANNEL



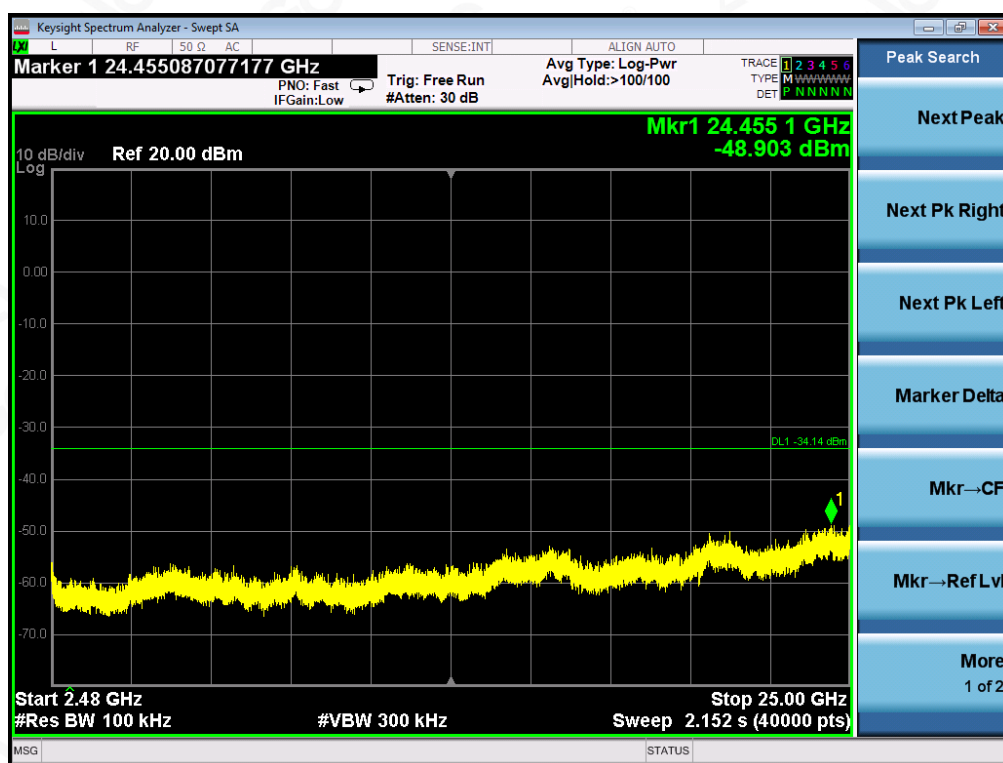
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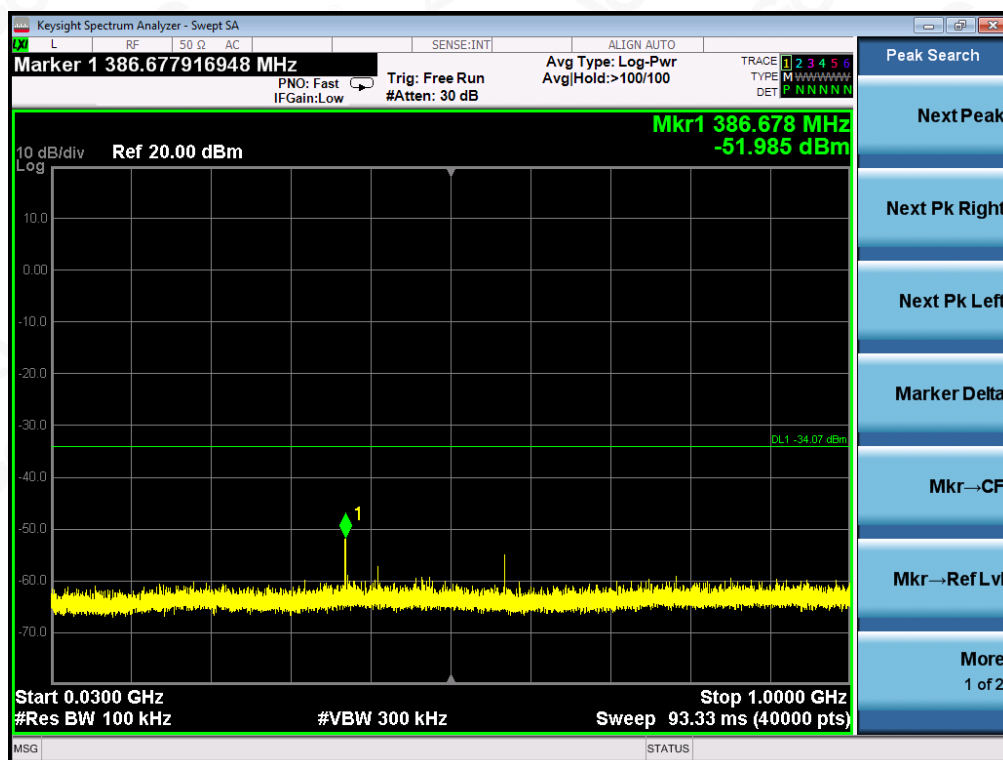
Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

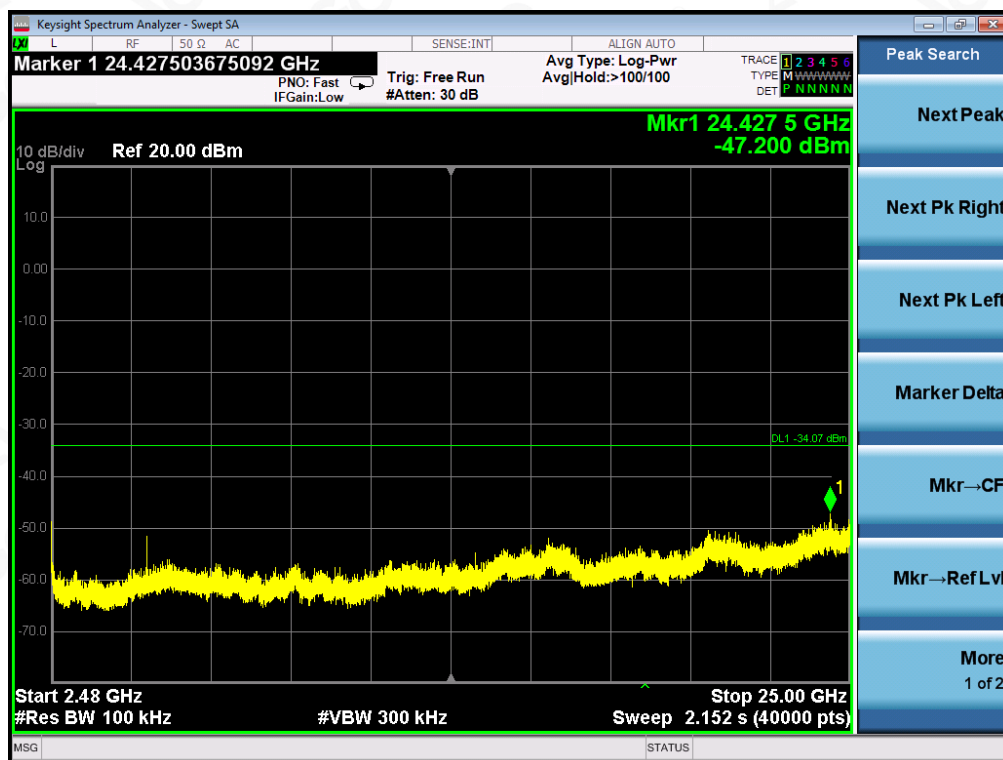
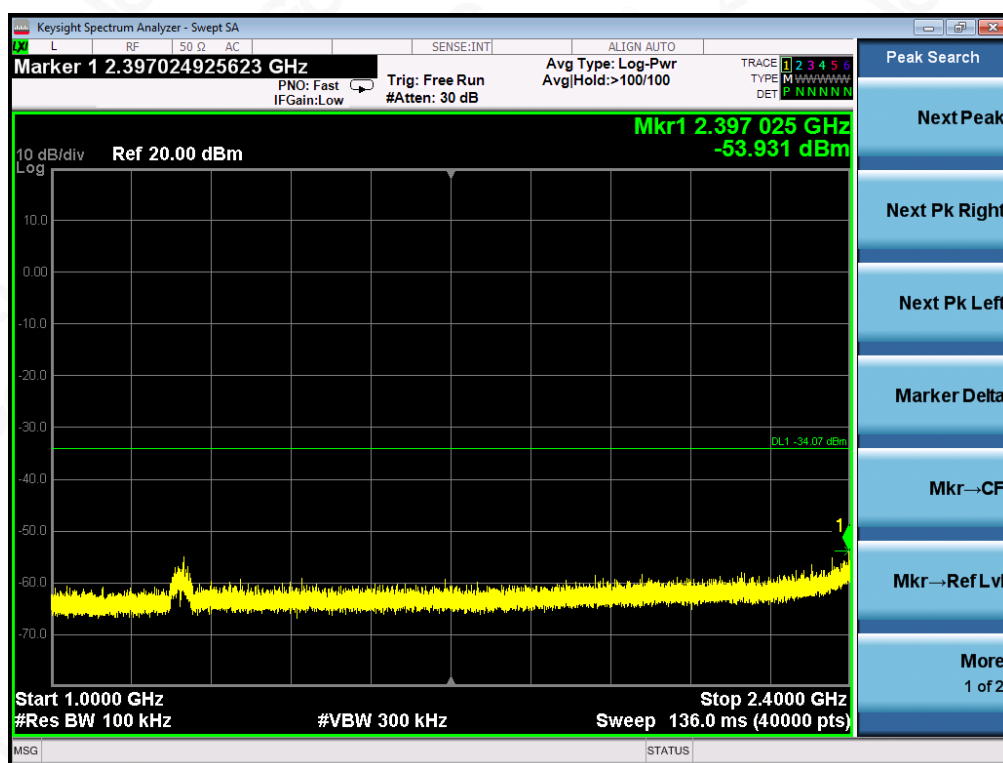


TEST PLOT OF OUT OF BAND EMISSIONS THE WORST CASE
OF 802.11n40 FOR MODULATION IN HIGH CHANNEL



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Note: Two transmit chains had been tested, the chain 0 was the worst case and record in the test report.



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10. MAXIMUM CONDUCTED OUTPUT POWER SPECTRAL DENSITY

10.1 MEASUREMENT PROCEDURE

- (1). Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
- (2). Set the EUT Work on the top, the middle and the bottom operation frequency individually.
- (3). Set SPA Trace 1 Max hold, then View.

Note: The method of AVGPS-1 in the ANSI C63.10 (2013) item 11.10 was used in this testing.

10.2 TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)

Refer To Section 8.2.

10.3 MEASUREMENT EQUIPMENT USED

Refer To Section 6.



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10.4 LIMITS AND MEASUREMENT RESULT

TEST ITEM	POWER SPECTRAL DENSITY
TEST MODE	802.11b with data rate 1

Port	Channel No.	Power density (dBm/20kHz)	Limit (dBm/3kHz)	Result
Ant 0	Low Channel	0.412	8	Pass
	Middle Channel	0.468	8	Pass
	High Channel	0.544	8	Pass
Ant 1	Low Channel	0.952	8	Pass
	Middle Channel	0.937	8	Pass
	High Channel	0.970	8	Pass

TEST ITEM	POWER SPECTRAL DENSITY
TEST MODE	802.11g with data rate 6

Port	Channel No.	Power density (dBm/20kHz)	Limit (dBm/3kHz)	Result
Ant 0	Low Channel	-5.106	8	Pass
	Middle Channel	-4.945	8	Pass
	High Channel	-5.524	8	Pass
Ant 1	Low Channel	-6.059	8	Pass
	Middle Channel	-6.066	8	Pass
	High Channel	-6.509	8	Pass



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TEST ITEM	POWER SPECTRAL DENSITY
TEST MODE	802.11n 20 with data rate 6.5

Port	Channel No.	Power density (dBm/20kHz)	Limit (dBm/3kHz)	Result
Ant 0	Low Channel	-5.152	8	Pass
	Middle Channel	-4.429	8	Pass
	High Channel	-4.726	8	Pass
Ant 1	Low Channel	-5.472	8	Pass
	Middle Channel	-5.391	8	Pass
	High Channel	-5.076	8	Pass
SUM	Low Channel	-2.300	8	Pass
	Middle Channel	-1.870	8	Pass
	High Channel	-1.890	8	Pass

TEST ITEM	POWER SPECTRAL DENSITY
TEST MODE	802.11n 40 with data rate 13.5

Port	Channel No.	Power density (dBm/20kHz)	Limit (dBm/3kHz)	Result
Ant 0	Low Channel	-9.216	8	Pass
	Middle Channel	-9.022	8	Pass
	High Channel	-8.487	8	Pass
Ant 1	Low Channel	-9.742	8	Pass
	Middle Channel	-9.208	8	Pass
	High Channel	-9.832	8	Pass
SUM	Low Channel	-6.460	8	Pass
	Middle Channel	-6.100	8	Pass
	High Channel	-6.100	8	Pass



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Ant0

802.11b TEST RESULT

TEST PLOT OF SPECTRAL DENSITY FOR LOW CHANNEL



TEST PLOT OF SPECTRAL DENSITY FOR MIDDLE CHANNEL



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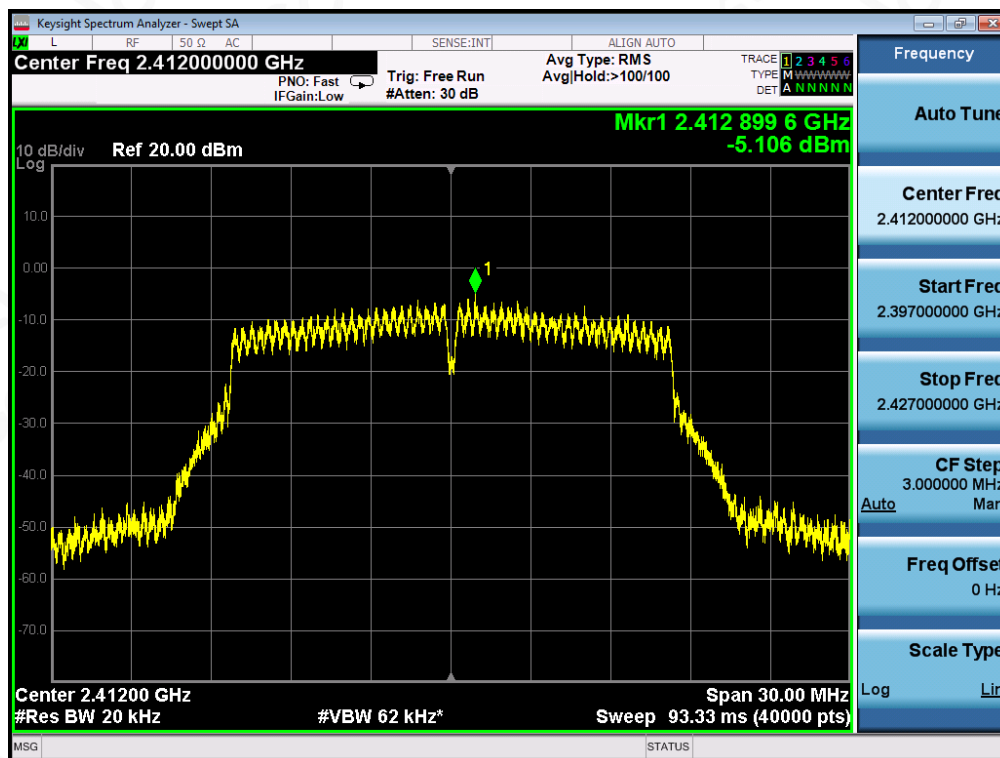
Service Hotline:400 089 2118

TEST PLOT OF SPECTRAL DENSITY FOR HIGH CHANNEL



802.11g TEST RESULT

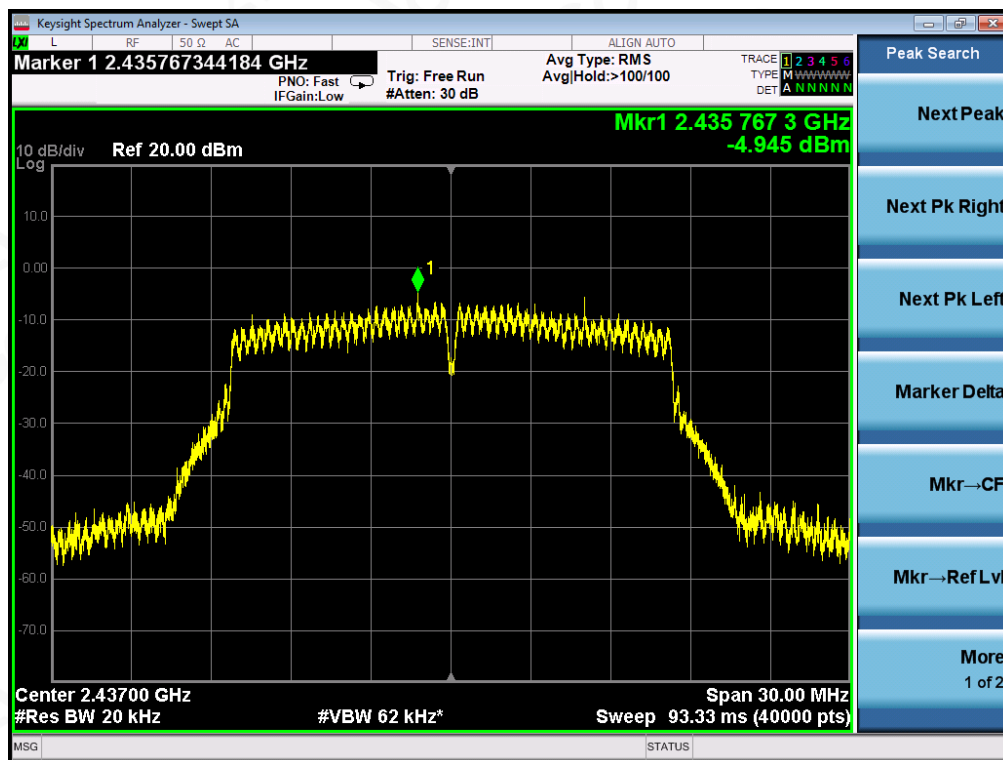
TEST PLOT OF SPECTRAL DENSITY FOR LOW CHANNEL



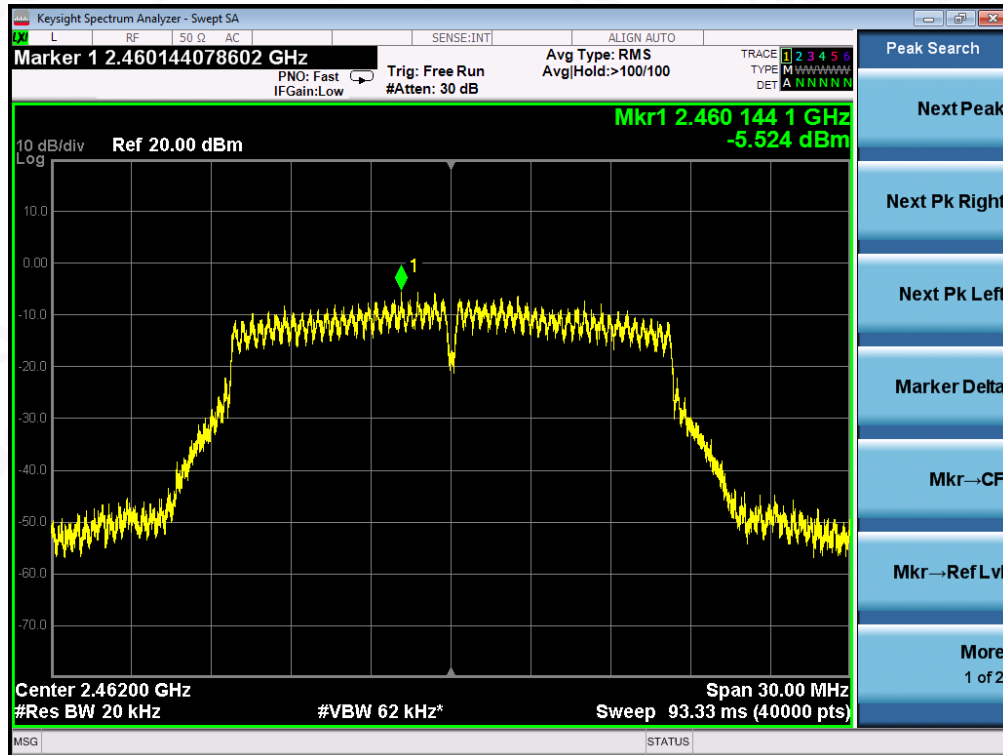
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TEST PLOT OF SPECTRAL DENSITY FOR MIDDLE CHANNEL



TEST PLOT OF SPECTRAL DENSITY FOR HIGH CHANNEL



Attestation of Global Compliance(Shenzhen)Co.,Ltd.

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,
Xixiang, Bao'an District, Shenzhen, Guangdong, China

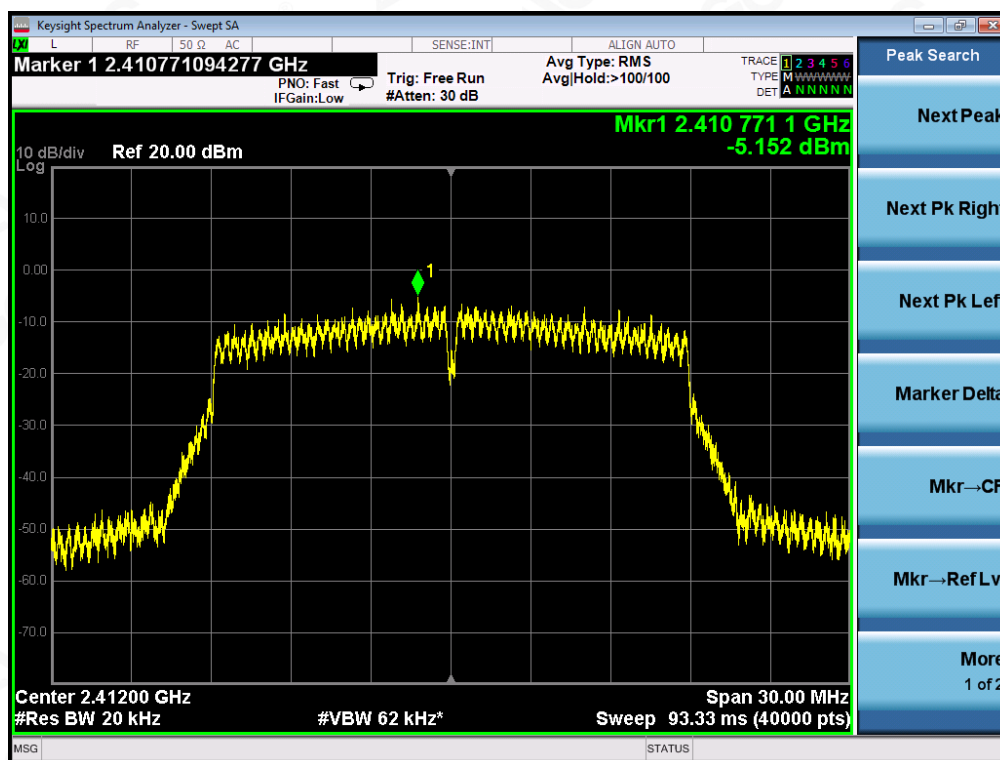
Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

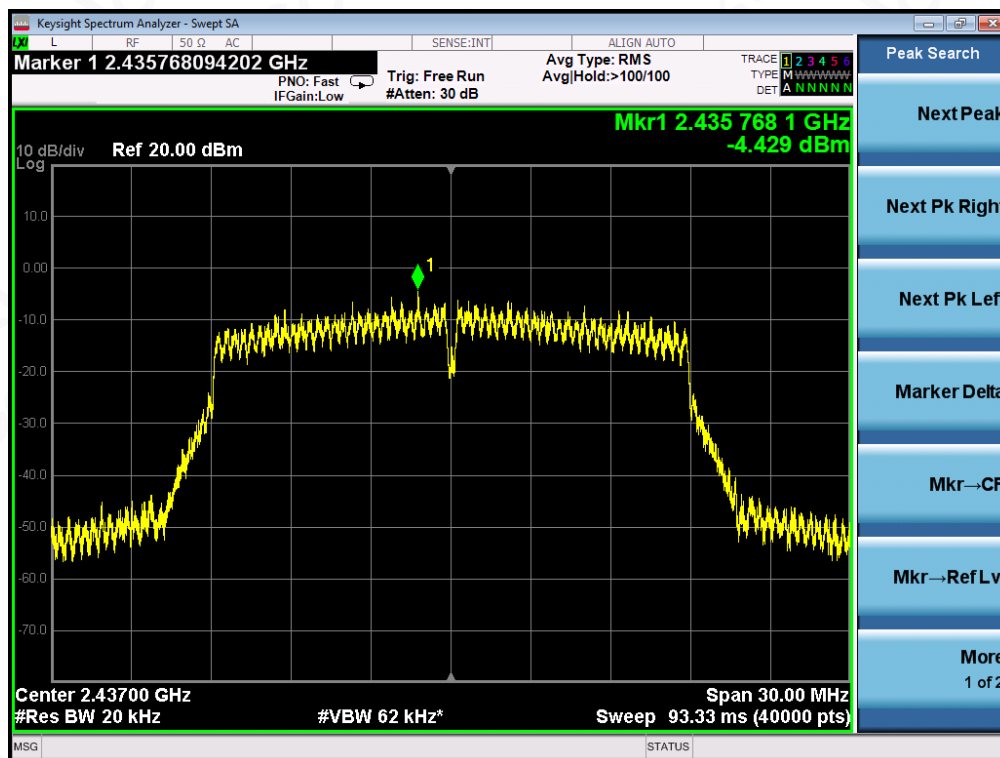
Service Hotline:400 089 2118

802.11n 20 TEST RESULT

TEST PLOT OF SPECTRAL DENSITY FOR LOW CHANNEL



TEST PLOT OF SPECTRAL DENSITY FOR MIDDLE CHANNEL



Attestation of Global Compliance(Shenzhen)Co.,Ltd.

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Xixiang, Bao'an District, Shenzhen, Guangdong, China
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Service Hotline:400 089 2118

Keysight Spectrum Analyzer - Swept SA

Marker 1 2.460765094127 GHz

PNO: Fast IFGain: Low Trig: Free Run #Atten: 30 dB

Avg Type: RMS Avg Hold: >100/100

TRACE 1 2 3 4 5 6
TYPE M
DET A NNNNN

10 dB/div Log Ref 20.00 dBm

Mkr1 2.460 765 1 GHz -4.726 dBm

Center 2.46200 GHz Span 30.00 MHz
#Res BW 20 kHz #VBW 62 kHz* Sweep 93.33 ms (40000 pts)

MSG STATUS

Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr → CR
Mkr → Ref Lvl
More
1 of 2

TEST PLOT OF SPECTRAL DENSITY FOR LOW CHANNEL

