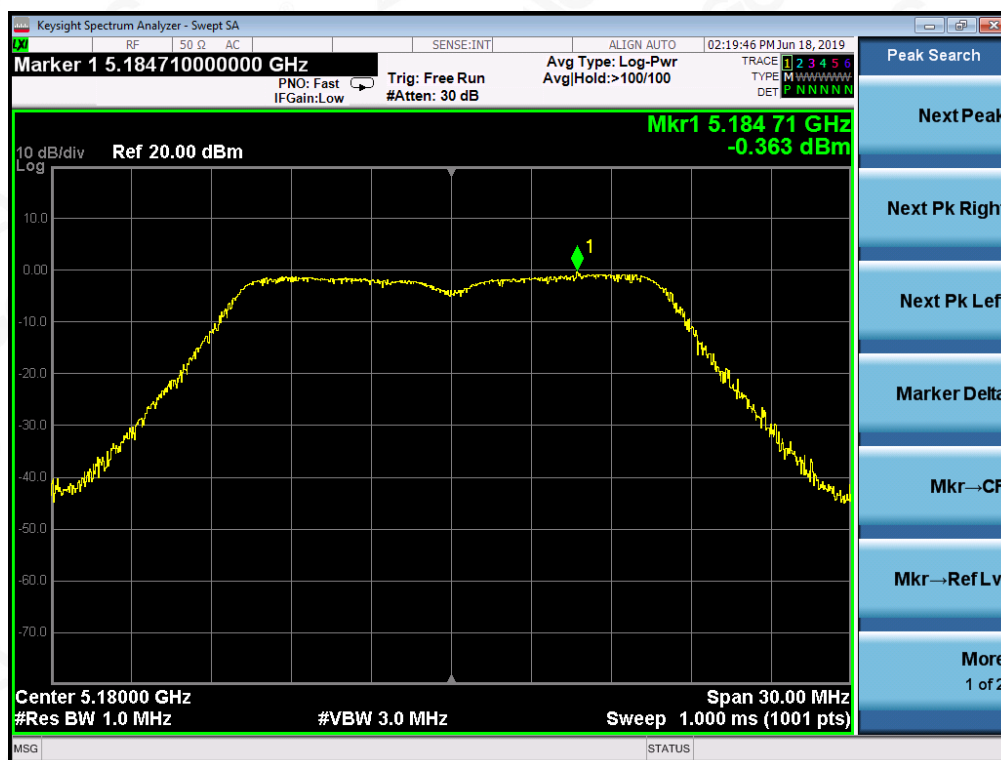


802.11a20 TEST RESULT

TEST PLOT OF SPECTRAL DENSITY FOR 5180MHz



TEST PLOT OF SPECTRAL DENSITY FOR 5200MHz



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

TEST PLOT OF SPECTRAL DENSITY FOR 5240MHz



TEST PLOT OF SPECTRAL DENSITY FOR 5745MHz



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

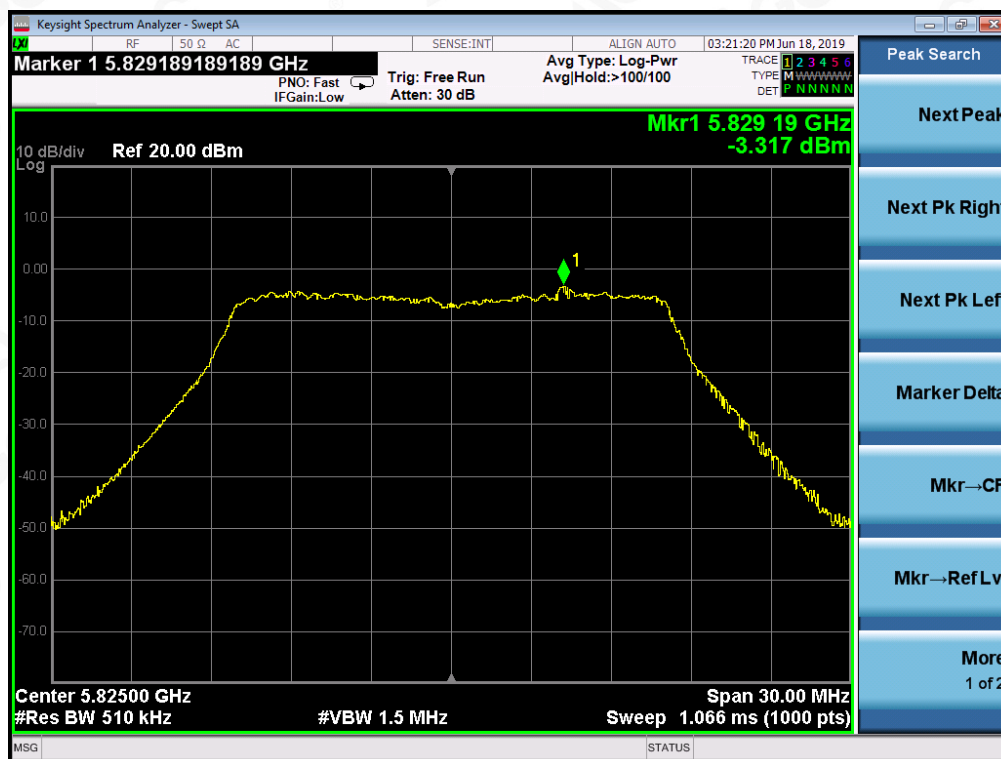
E-mail: agc@agc-cert.com

Service Hotline: 400 089 2118

TEST PLOT OF SPECTRAL DENSITY FOR 5785MHz



TEST PLOT OF SPECTRAL DENSITY FOR 5825MHz



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

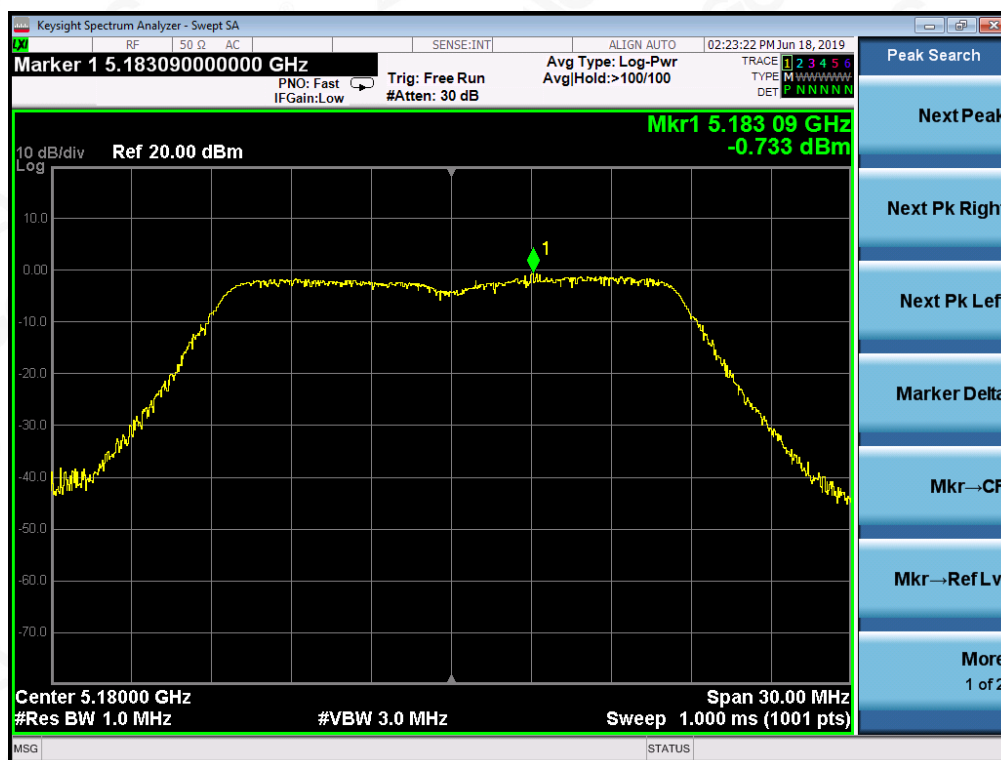
Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

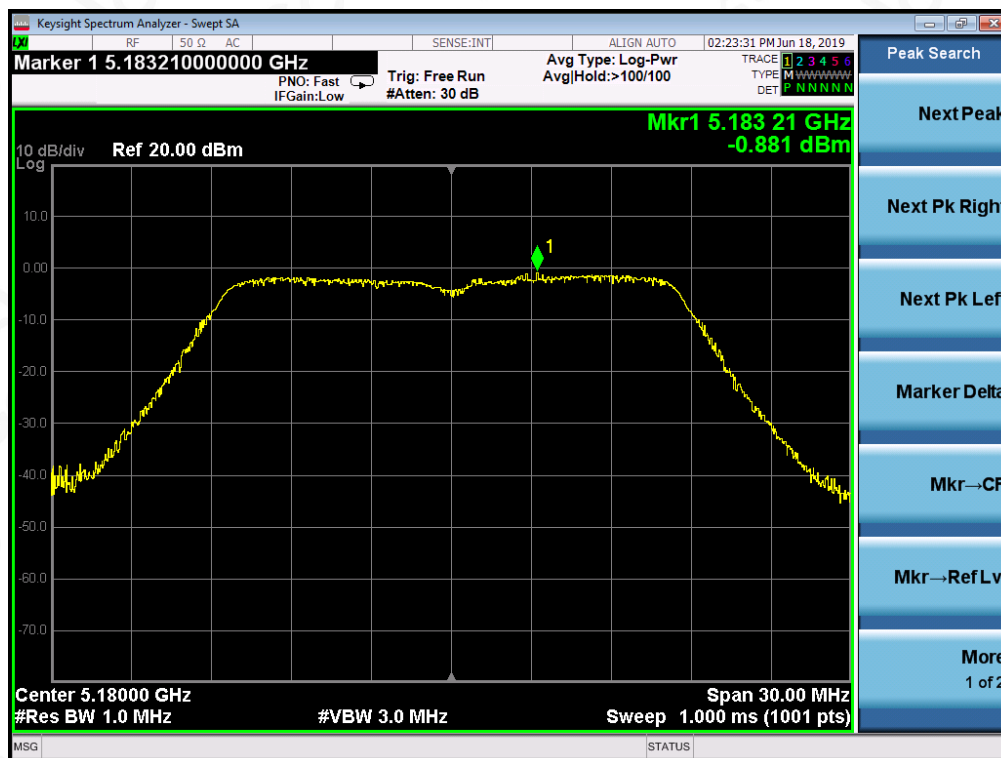
Service Hotline:400 089 2118

802.11n20 TEST RESULT

TEST PLOT OF SPECTRAL DENSITY FOR 5180MHz AT CHAIN 0



TEST PLOT OF SPECTRAL DENSITY FOR 5180MHz AT CHAIN 1



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

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,
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Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Service Hotline:400 089 2118

Keysight Spectrum Analyzer - Swept SA

Marker 1 5.202790000000 GHz

PNO: Fast
IFGain: Low

Trig: Free Run
#Atten: 30 dB

Avg Type: Log-Pwr
Avg/Hold: >100/100

02:23:54 PM Jun 18, 2019

TRACE 1 2 3 4 5 6
TYPE M M M M M M
DET P N N N N N

Peak Search

Next Peak

Next Pk Right

Next Pk Left

Marker Delta

Mkr → CR

Mkr → Ref Lvl

More

1 of 2

10 dB/div
Log

Ref 20.00 dBm

Center 5.20000 GHz
#Res BW 1.0 MHz

#VBW 3.0 MHz

Span 30.00 MHz
Sweep 1.000 ms (1001 pts)

Keysight Spectrum Analyzer - Swept SA

RF 50 Q AC SENSE:INT ALIGN AUTO 02:24:02 PM Jun 18, 2019

Marker 1 5.203210000000 GHz PNO: Fast IFGain:Low Trig: Free Run Avg Type: Log-Pwr Avg/Hold: >100/100

TRAC 1 2 3 4 5 6 TYPE M M M M M M M M DET P N N N N N N

10 dB/div Log Ref 20.00 dBm

Mkr1 5.203 21 GHz -0.499 dBm

Center 5.20000 GHz Span 30.00 MHz
#Res BW 1.0 MHz Sweep 1.000 ms (1001 pts)
#VBW 3.0 MHz

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



Keysight Spectrum Analyzer - Swept SA

RF 50 Ω AC SENSE:INT ALIGN AUTO 02:24:30 PM Jun 18, 2019

Marker 1 5.243180000000 GHz PNO: Fast IFGain:Low Trig: Free Run Avg Type: Log-Pwr Avg/Hold:>100/100

TRACE 1 2 3 4 5 6 TYPE M P P P P P P P DET P N N N N N N

10 dB/div Ref 20.00 dBm Log

Mkr1 5.243 18 GHz 0.680 dBm

Center 5.24000 GHz Span 30.00 MHz
 #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1000 ms (1001 pts)

MSG STATUS

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

Keysight Spectrum Analyzer - Swept SA

RF 50 Ω AC SENSE:INT ALIGN AUTO 02:24:40 PM Jun 18, 2019

Marker 1 5.243270000000 GHz PNO: Fast IF Gain: Low Trig: Free Run Avg Type: Log-Pwr Avg/Hold: >100/100

TRACE 1 2 3 4 5 6 TYPE M M M M M M M M DET P N N N N N N

Peak Search

Next Peak

Next Pk Right

Next Pk Left

Marker Delta

Mkr → CR

Mkr → Ref Lvl

More 1 of 2

10 dB/div Log Ref 20.00 dBm

Mkr1 5.243 27 GHz 0.442 dBm

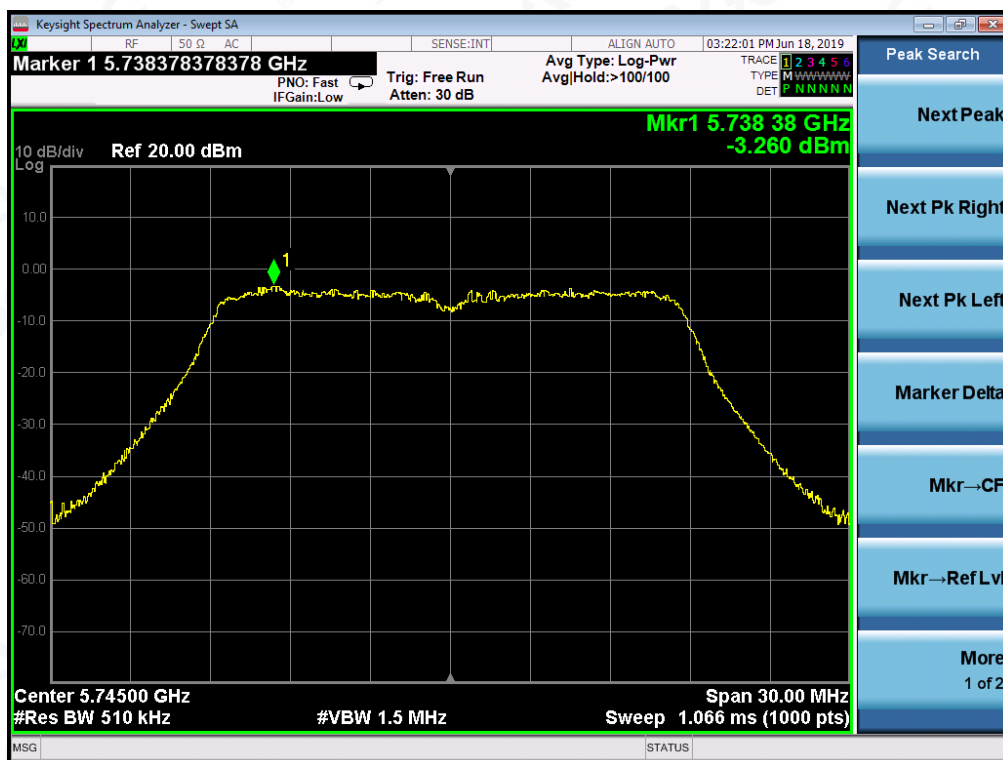
Center 5.24000 GHz Span 30.00 MHz

#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts)

The image shows a Keysight Spectrum Analyzer interface. The main display is a log-linear plot of power spectral density. The y-axis is labeled '10 dB/div Log' and ranges from -70.0 to 10.0 dBm. The x-axis is labeled 'Center 5.24000 GHz' and 'Span 30.00 MHz'. A yellow trace shows a signal with a peak at 5.24327 GHz, marked with a green diamond and labeled 'Mkr1 5.243 27 GHz 0.442 dBm'. The signal is centered around 5.24 GHz. The interface includes various control buttons and status indicators at the top and right.



TEST PLOT OF SPECTRAL DENSITY FOR 5745MHz AT CHAIN 0



TEST PLOT OF SPECTRAL DENSITY FOR 5745MHz AT CHAIN 1



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

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Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

TEST PLOT OF SPECTRAL DENSITY FOR 5785MHz AT CHAIN 0



TEST PLOT OF SPECTRAL DENSITY FOR 5785MHz AT CHAIN 1



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

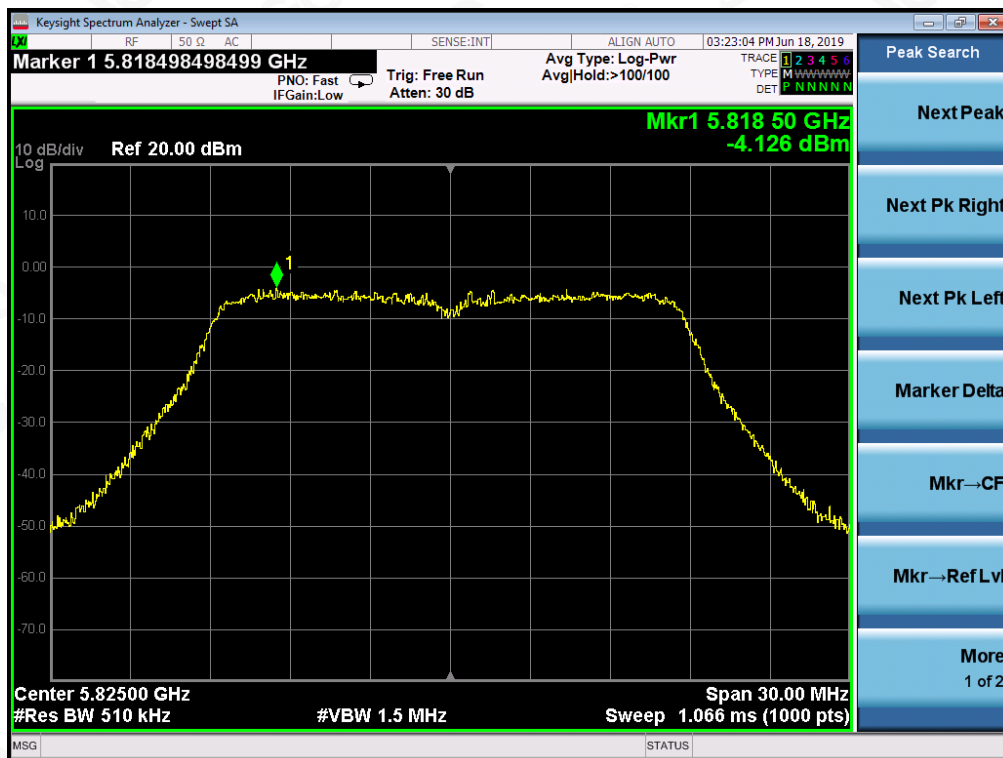
Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,
Xixiang, Bao'an District, Shenzhen, Guangdong, China
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

TEST PLOT OF SPECTRAL DENSITY FOR 5825MHz AT CHAIN 0



TEST PLOT OF SPECTRAL DENSITY FOR 5825MHz AT CHAIN 1



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

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Service Hotline:400 089 2118

802.11n40 TEST RESULT

TEST PLOT OF SPECTRAL DENSITY FOR 5190MHz AT CHAIN 0



EST PLOT OF SPECTRAL DENSITY FOR 5190MHz AT CHAIN 1



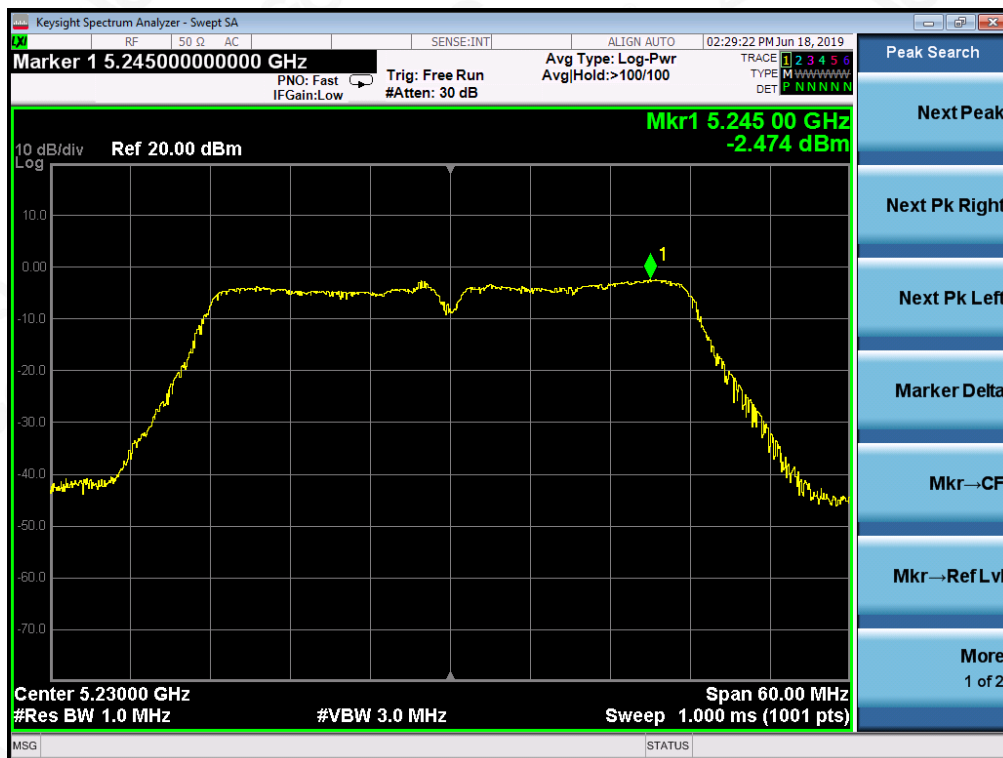
Attestation of Global Compliance(Shenzhen)Co.,Ltd.

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

TEST PLOT OF SPECTRAL DENSITY FOR 5230MHz AT CHAIN 0



TEST PLOT OF SPECTRAL DENSITY FOR 5230MHz AT CHAIN 1



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

TEST PLOT OF SPECTRAL DENSITY FOR 5755MHz AT CHAIN 0



TEST PLOT OF SPECTRAL DENSITY FOR 5755MHz AT CHAIN 1



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

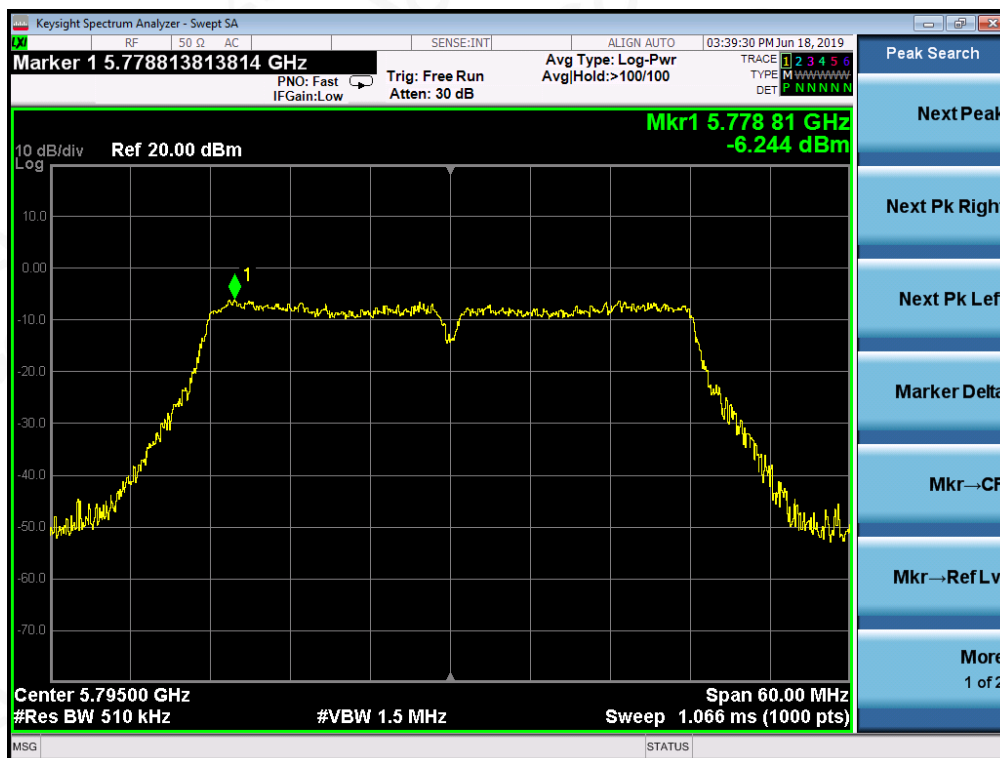
Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,
Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

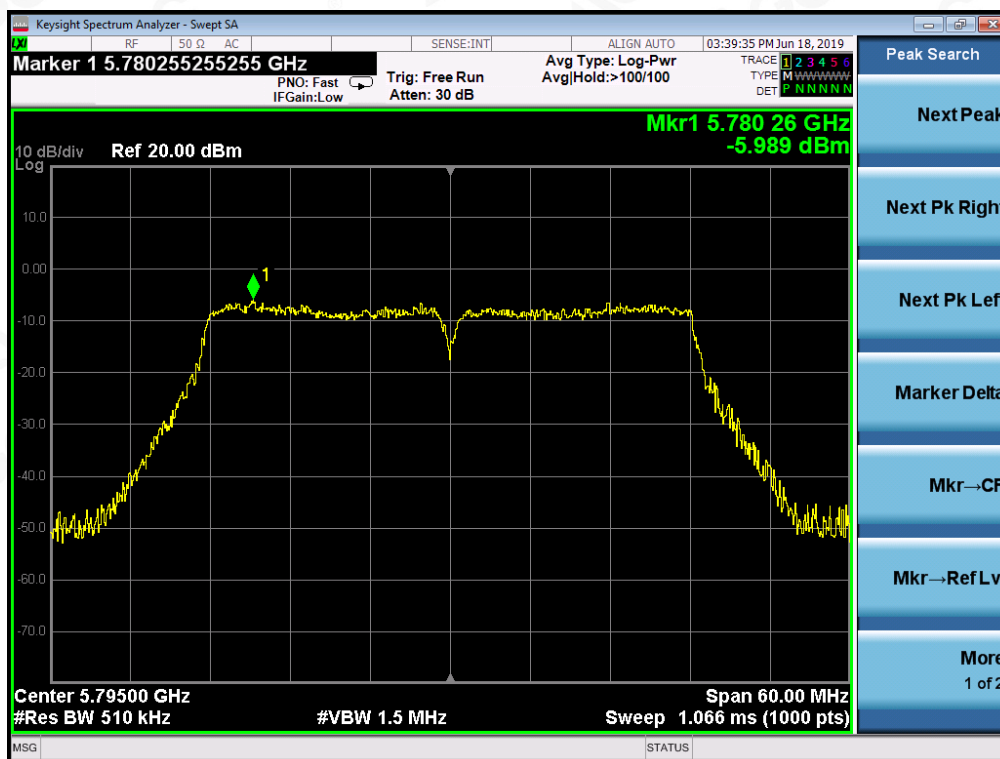
E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

TEST PLOT OF SPECTRAL DENSITY FOR 5795MHz AT CHAIN 0



TEST PLOT OF SPECTRAL DENSITY FOR 5795MHz AT CHAIN 1



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

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,
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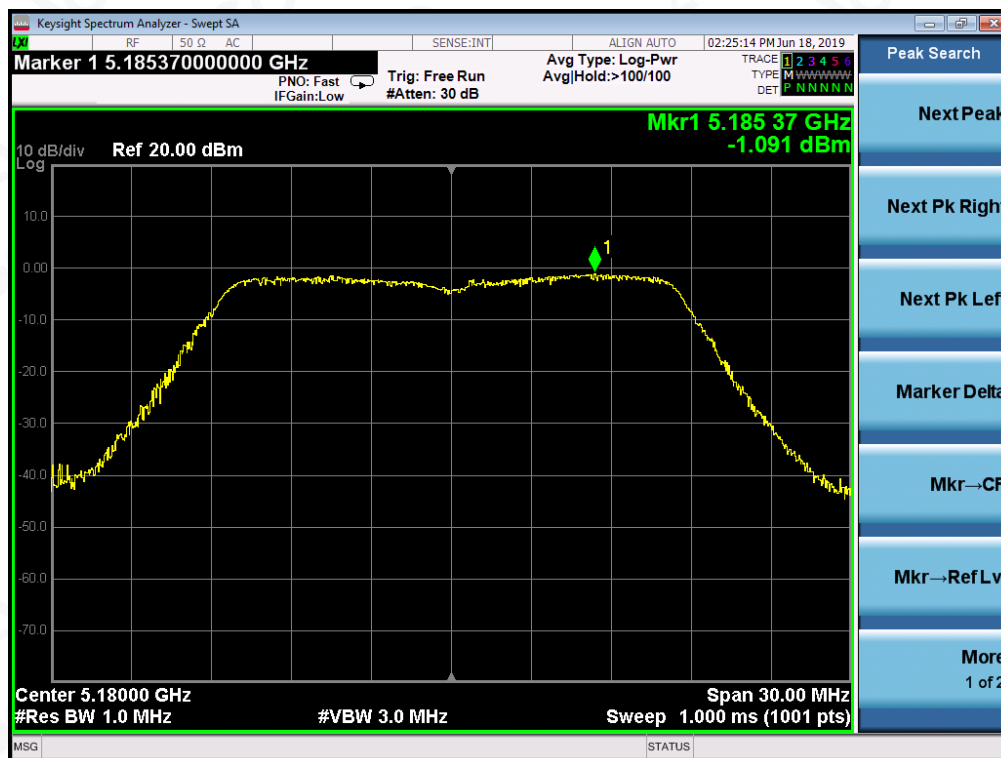
Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

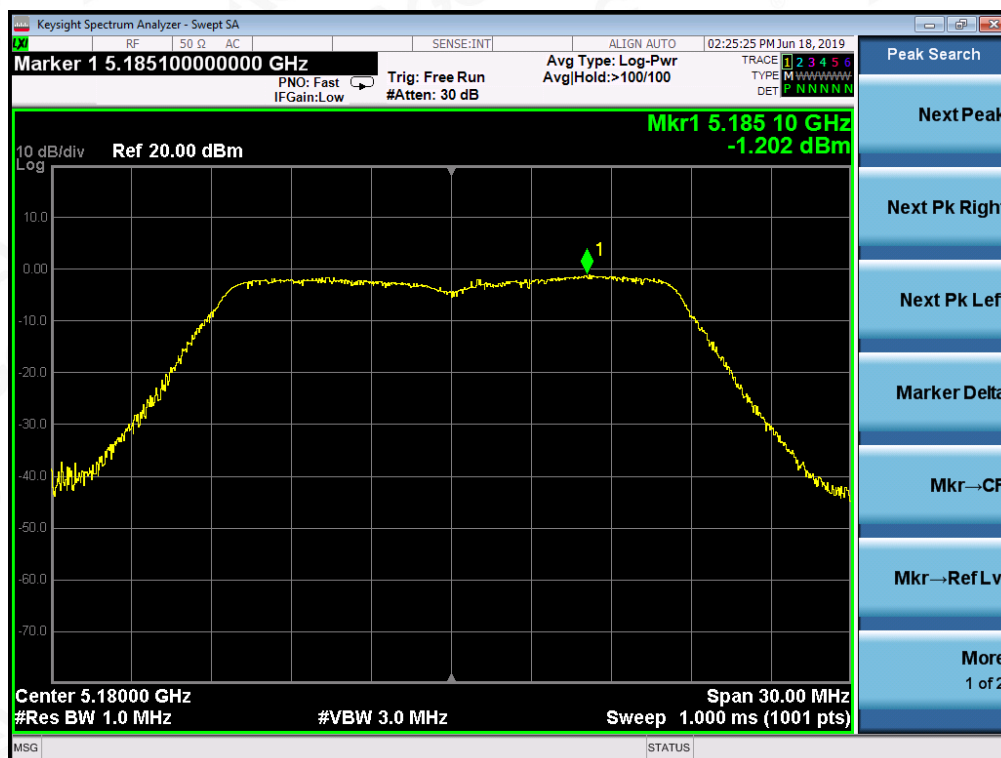
Service Hotline:400 089 2118

802.11ac20 TEST RESULT

TEST PLOT OF SPECTRAL DENSITY FOR 5180MHz AT CHAIN 0



TEST PLOT OF SPECTRAL DENSITY FOR 5180MHz AT CHAIN 1



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

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,
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Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

TEST PLOT OF SPECTRAL DENSITY FOR 5200MHz AT CHAIN 0



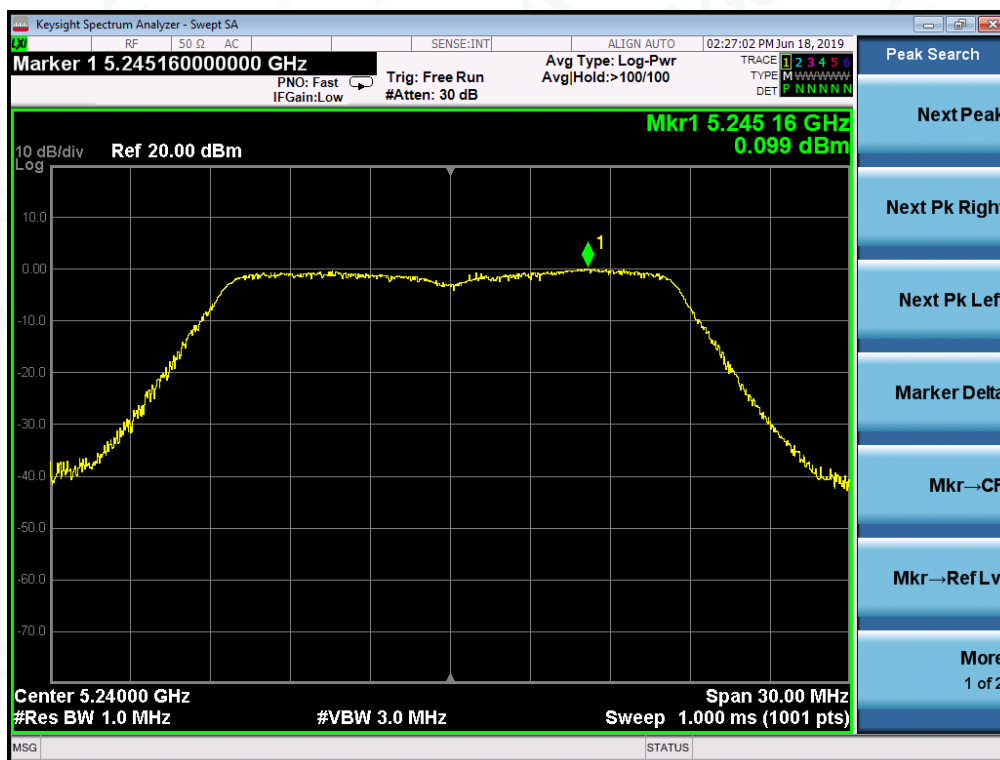
TEST PLOT OF SPECTRAL DENSITY FOR 5200MHz AT CHAIN 1



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

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,
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Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Service Hotline:400 089 2118

TEST PLOT OF SPECTRAL DENSITY FOR 5240MHz AT CHAIN 0



TEST PLOT OF SPECTRAL DENSITY FOR 5240MHz AT CHAIN 1



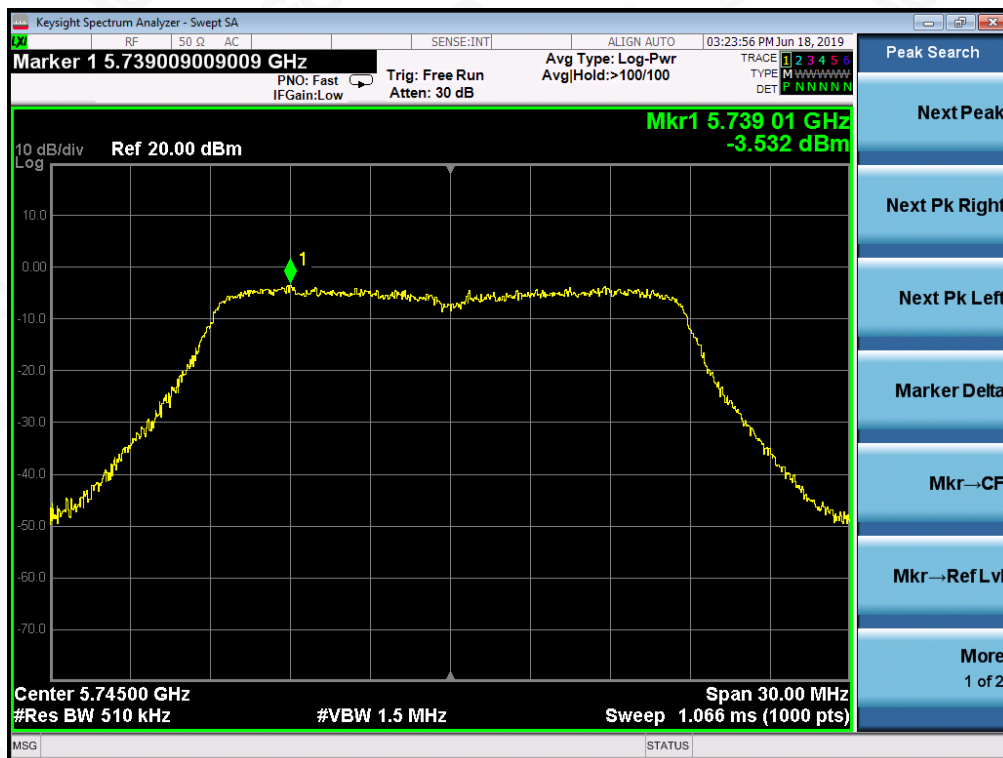
Attestation of Global Compliance(Shenzhen)Co.,Ltd.

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

TEST PLOT OF SPECTRAL DENSITY FOR 5745MHz AT CHAIN 0



TEST PLOT OF SPECTRAL DENSITY FOR 5745MHz AT CHAIN 1



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

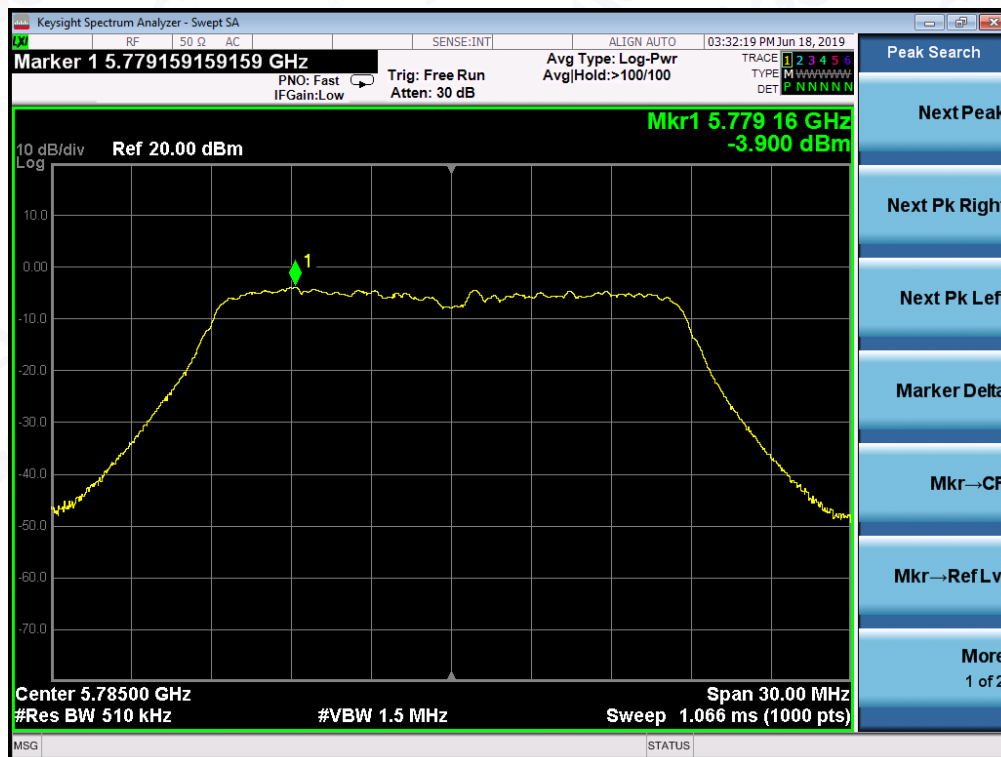
Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,
Xixiang, Bao'an District, Shenzhen, Guangdong, China
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

TEST PLOT OF SPECTRAL DENSITY FOR 5785MHz AT CHAIN 0



TEST PLOT OF SPECTRAL DENSITY FOR 5785MHz AT CHAIN 1



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

TEST PLOT OF SPECTRAL DENSITY FOR 5825MHz AT CHAIN 0



TEST PLOT OF SPECTRAL DENSITY FOR 5825MHz AT CHAIN 1



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

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Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

802.11ac40 TEST RESULT

TEST PLOT OF SPECTRAL DENSITY FOR 5190MHz AT CHAIN 0



TEST PLOT OF SPECTRAL DENSITY FOR 5190MHz AT CHAIN 1



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

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,
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Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

TEST PLOT OF SPECTRAL DENSITY FOR 5230MHz AT CHAIN 0



TEST PLOT OF SPECTRAL DENSITY FOR 5230MHz AT CHAIN 1



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

TEST PLOT OF SPECTRAL DENSITY FOR 5755MHz AT CHAIN 0



TEST PLOT OF SPECTRAL DENSITY FOR 5755MHz AT CHAIN 1



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

TEST PLOT OF SPECTRAL DENSITY FOR 5795MHz AT CHAIN 0



TEST PLOT OF SPECTRAL DENSITY FOR 5795MHz AT CHAIN 1

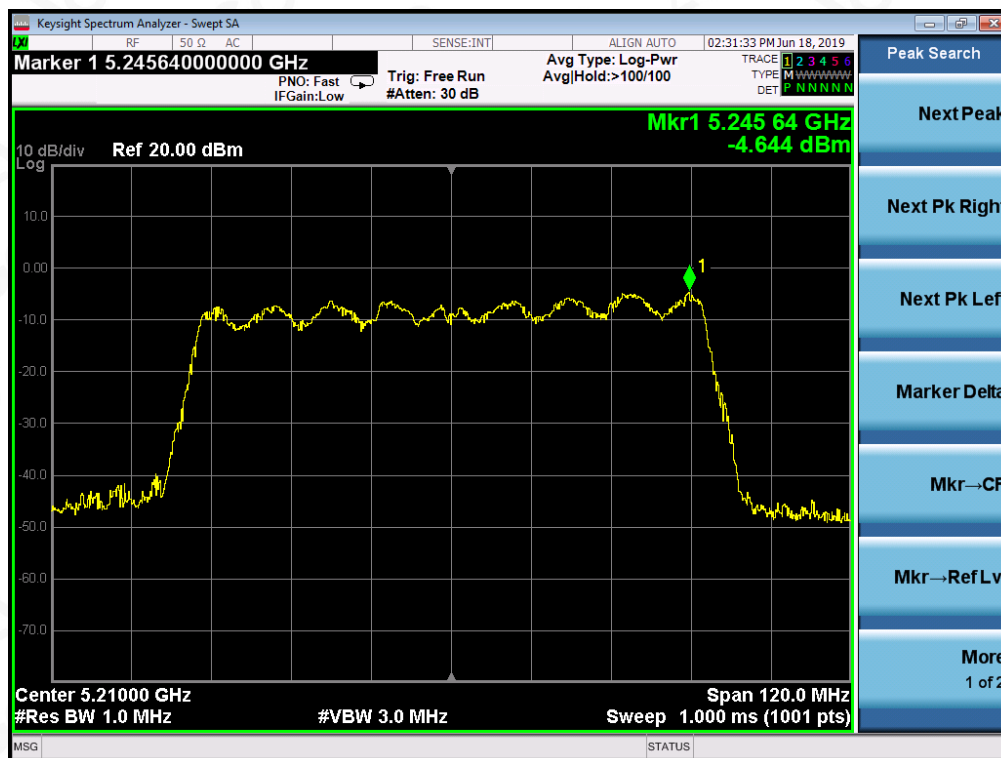


Attestation of Global Compliance(Shenzhen)Co.,Ltd.

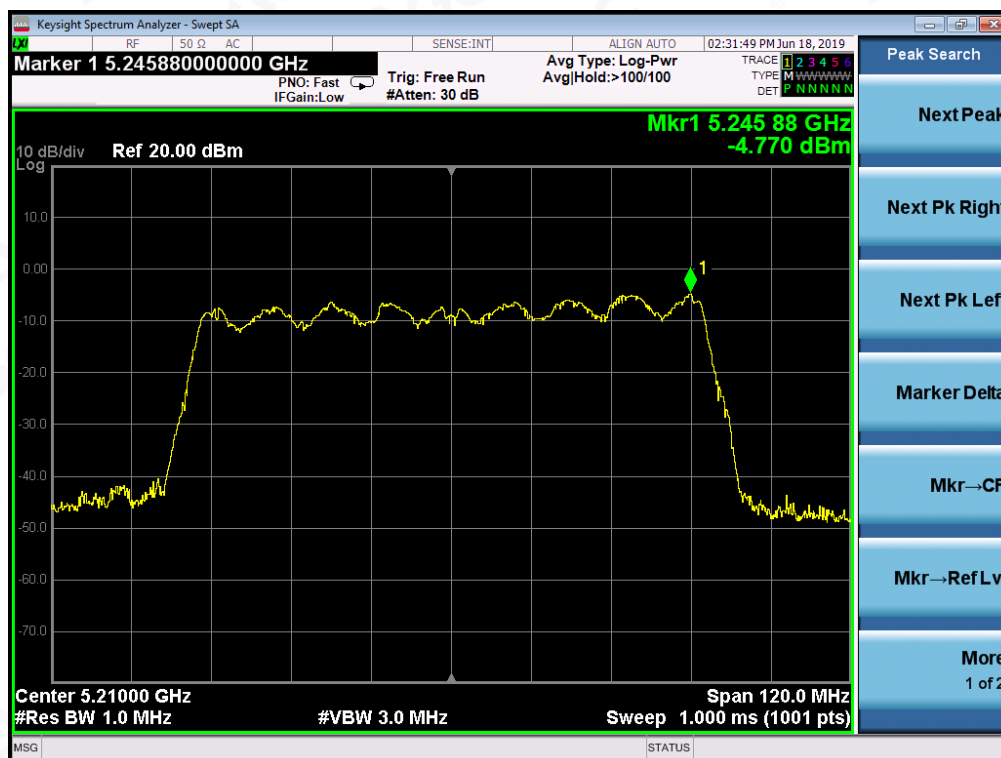
Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,
Xixiang, Bao'an District, Shenzhen, Guangdong, China
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Service Hotline:400 089 2118

802.11ac80 TEST RESULT

TEST PLOT OF SPECTRAL DENSITY FOR 5210MHz AT CHAIN 0



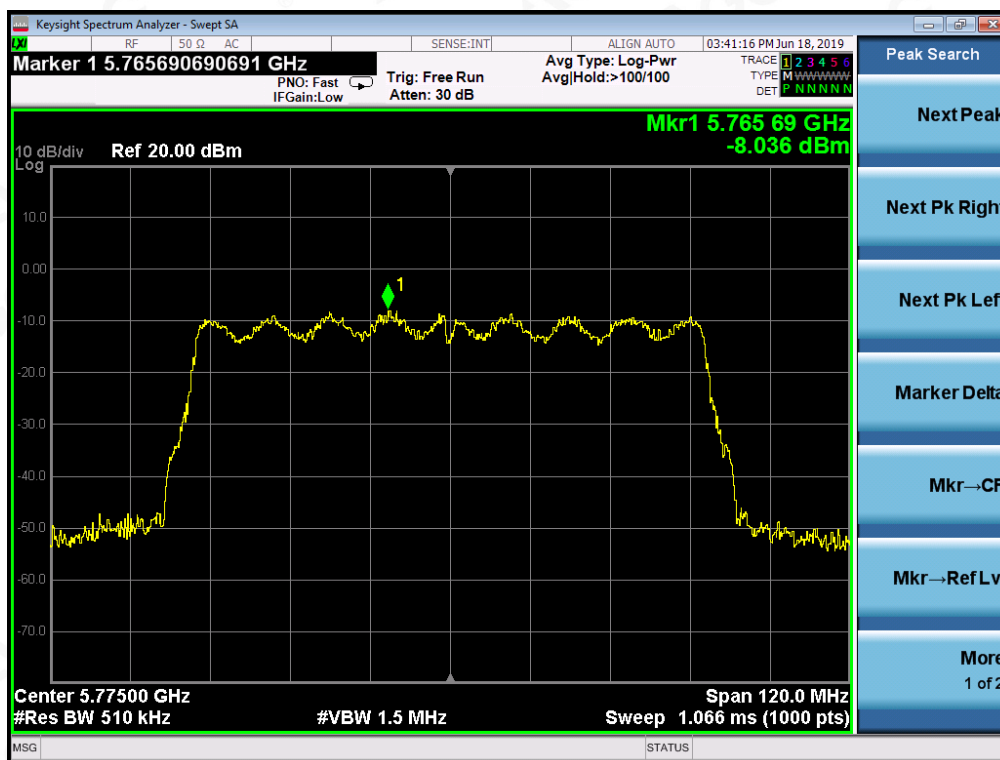
TEST PLOT OF SPECTRAL DENSITY FOR 5210MHz AT CHAIN 1



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

TEST PLOT OF SPECTRAL DENSITY FOR 5775MHz AT CHAIN 0



TEST PLOT OF SPECTRAL DENSITY FOR 5775MHz AT CHAIN 1



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

11. CONDUCTED SPURIOUS EMISSION

11.1. 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 KDB 789033 for compliance to FCC 47CFR 15.407 requirements.

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

The same as described in section 8.2.

11.3. MEASUREMENT EQUIPMENT USED

The same as described in section 6.

11.4. LIMITS AND MEASUREMENT RESULT

LIMITS AND MEASUREMENT RESULT		
Applicable Limits	Measurement Result	
	Test channel	Criteria
-27dBm/MHz	5150MHz-5250MHz	PASS
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.	5725MHz-5850MHz	PASS



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

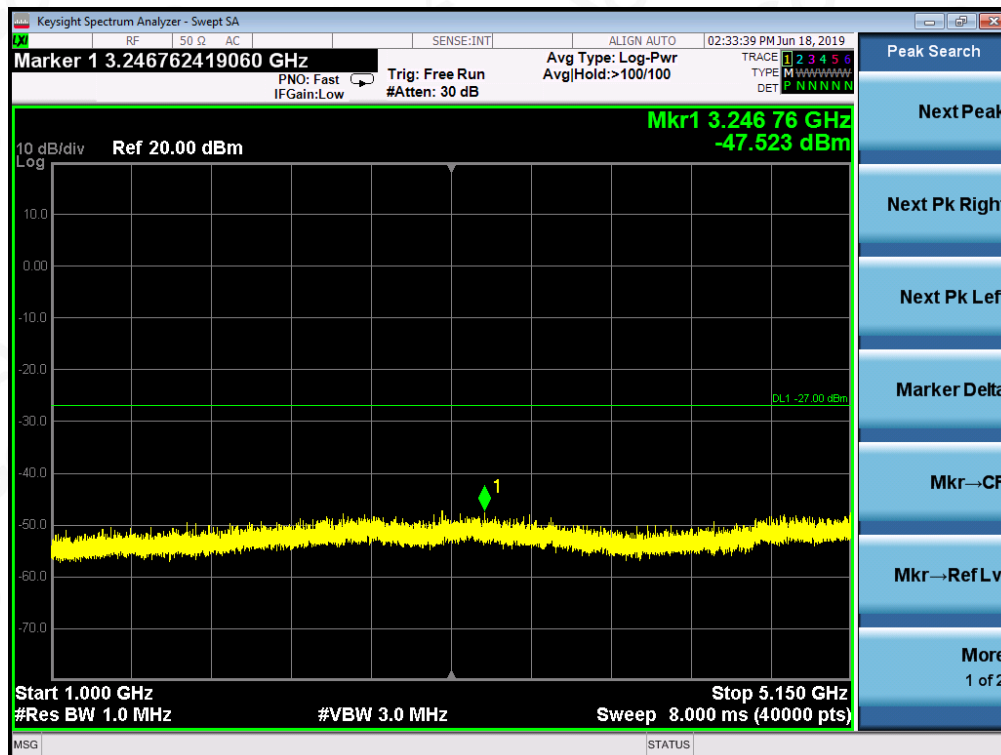
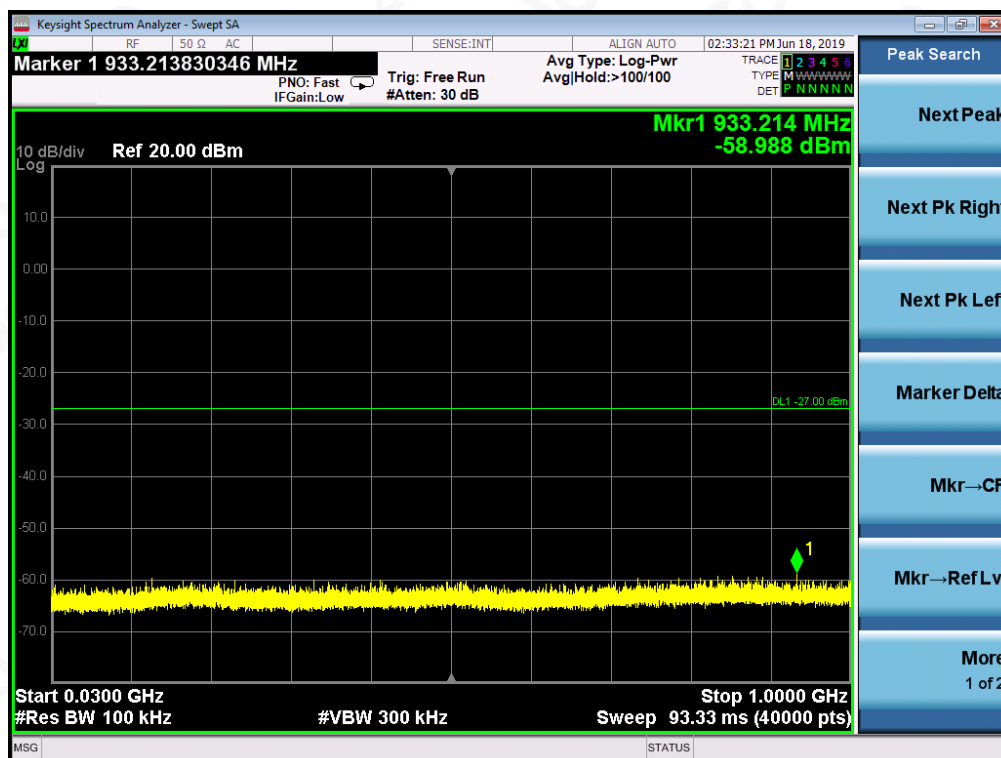
Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,
Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

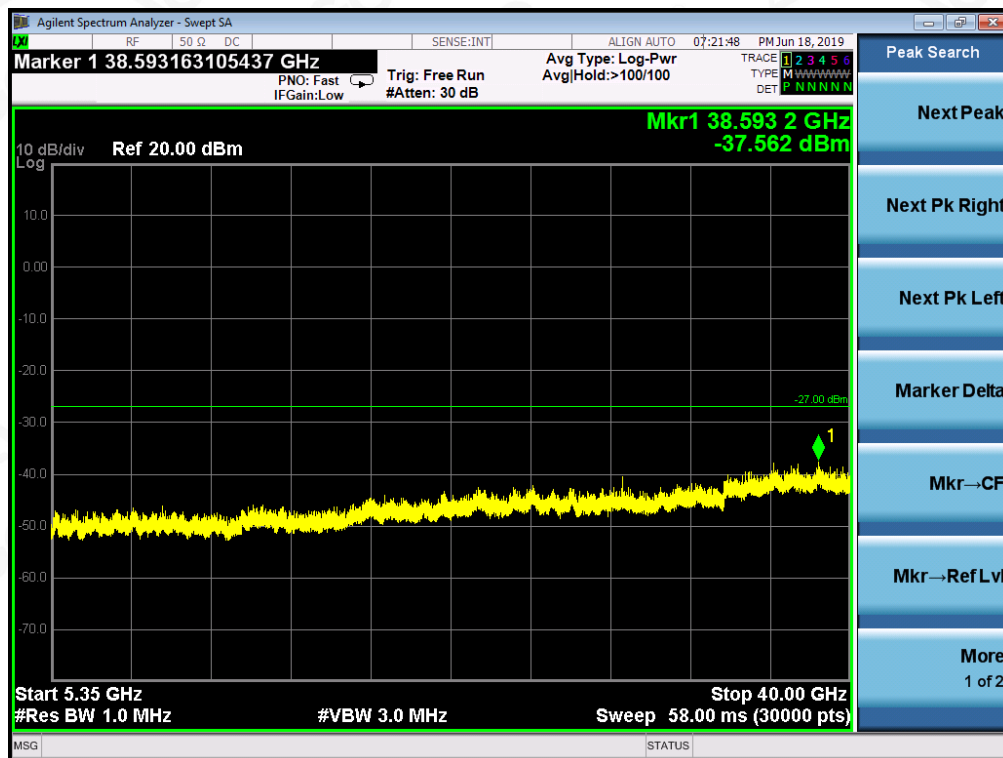
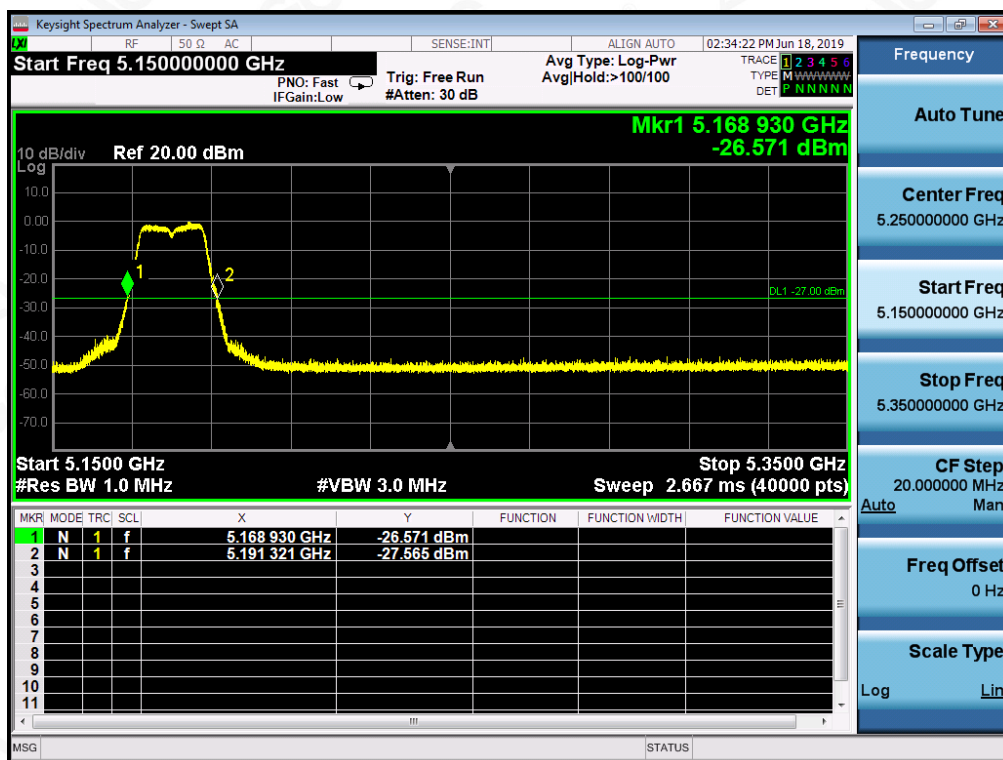
Service Hotline:400 089 2118

FOR 802.11A20 MODULATION
TEST PLOT OF OUT OF BAND EMISSIONS FOR MODULATION IN 5180MHz



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



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

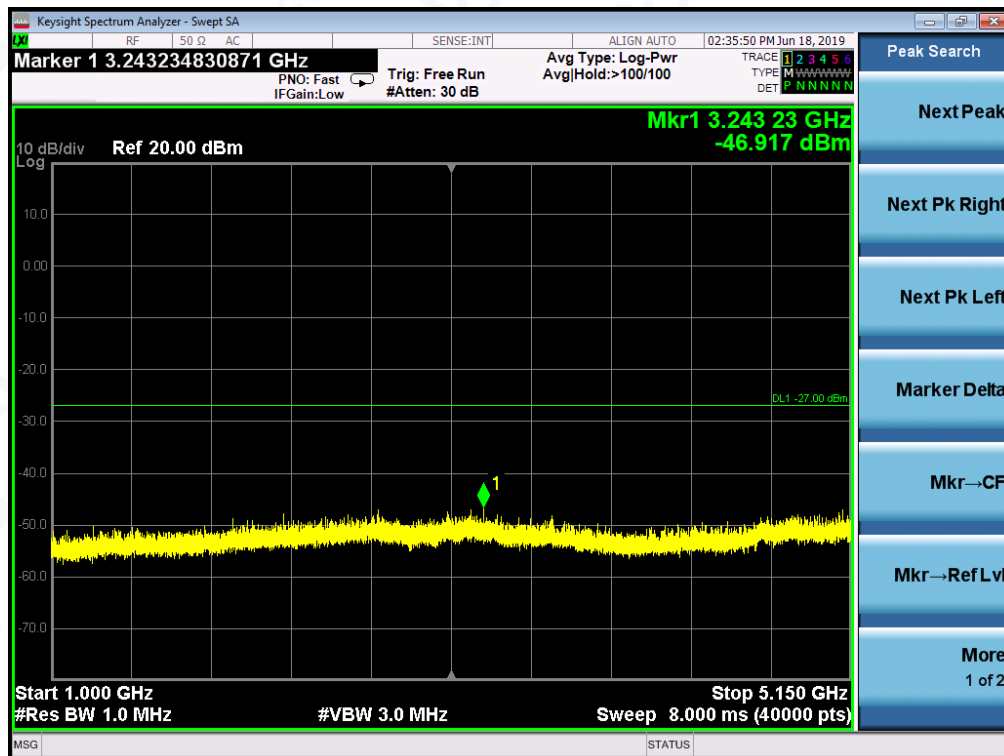
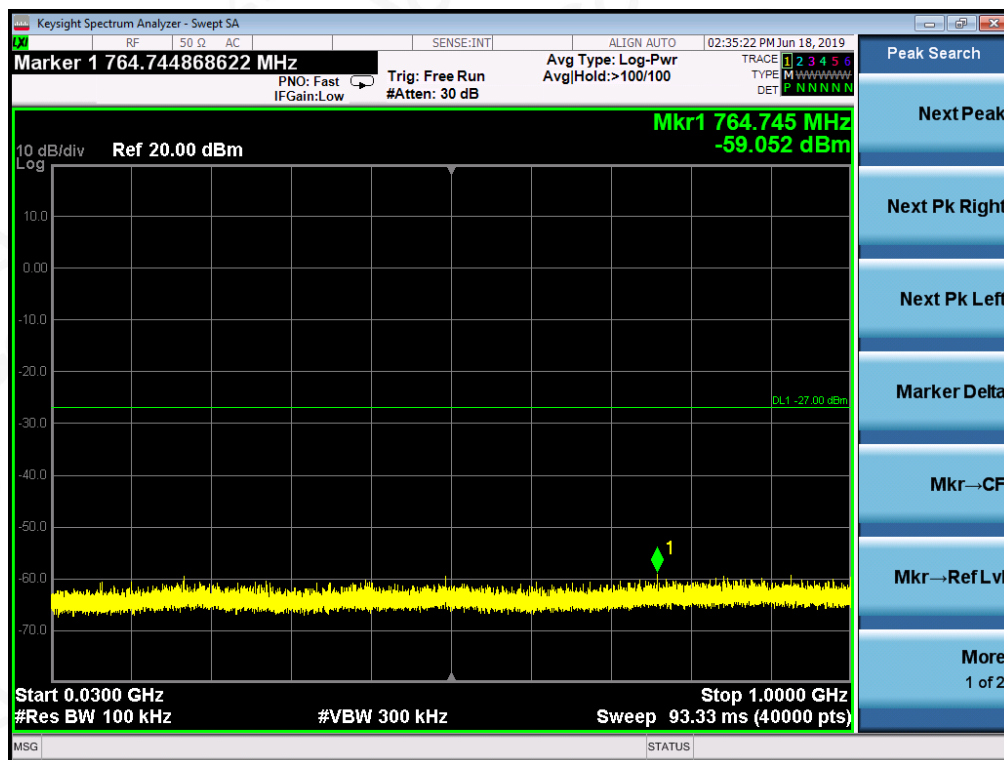
Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,
Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

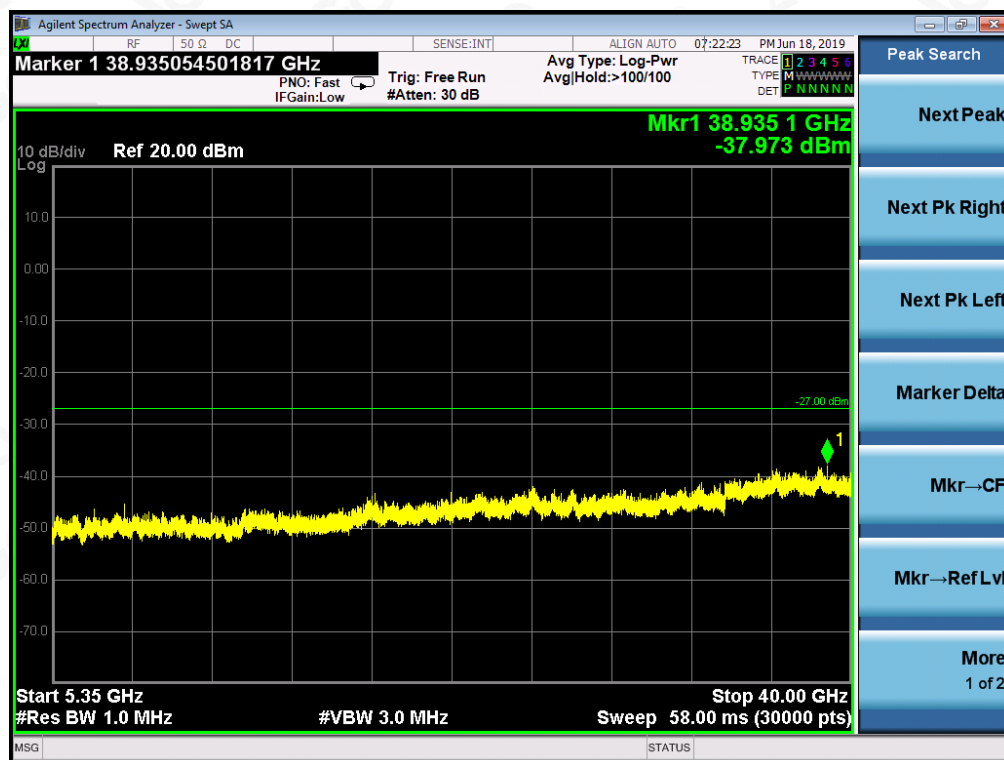
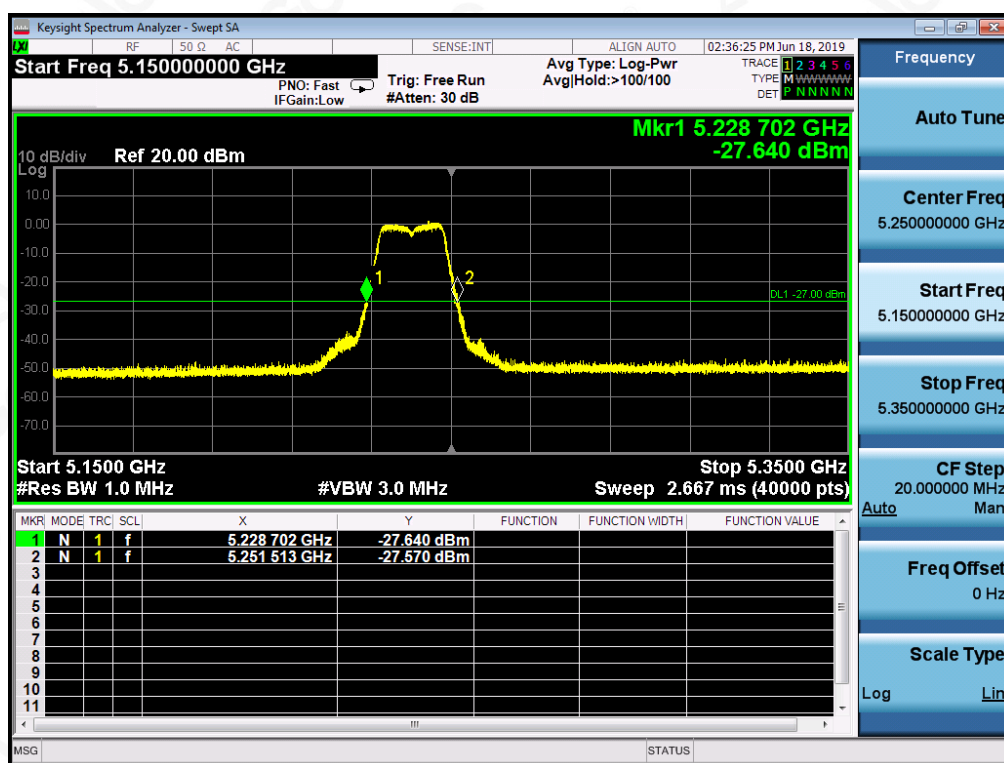
TEST PLOT OF OUT OF BAND EMISSIONS FOR MODULATION IN 5240MHz



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

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Service Hotline: 400 089 2118



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

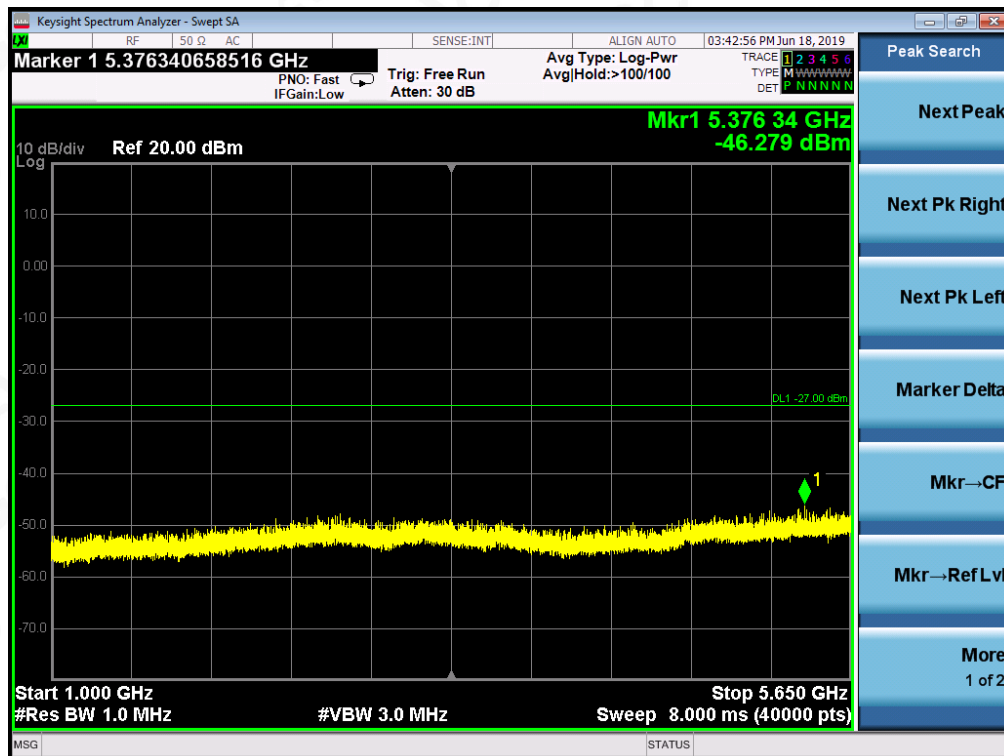
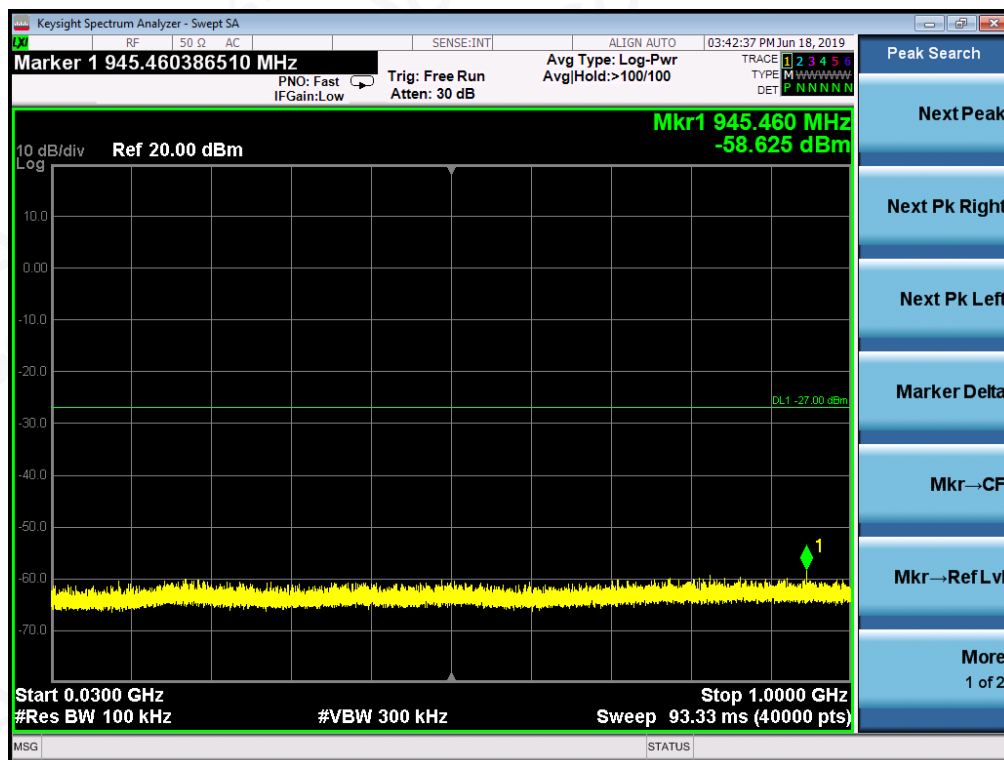
Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,
Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

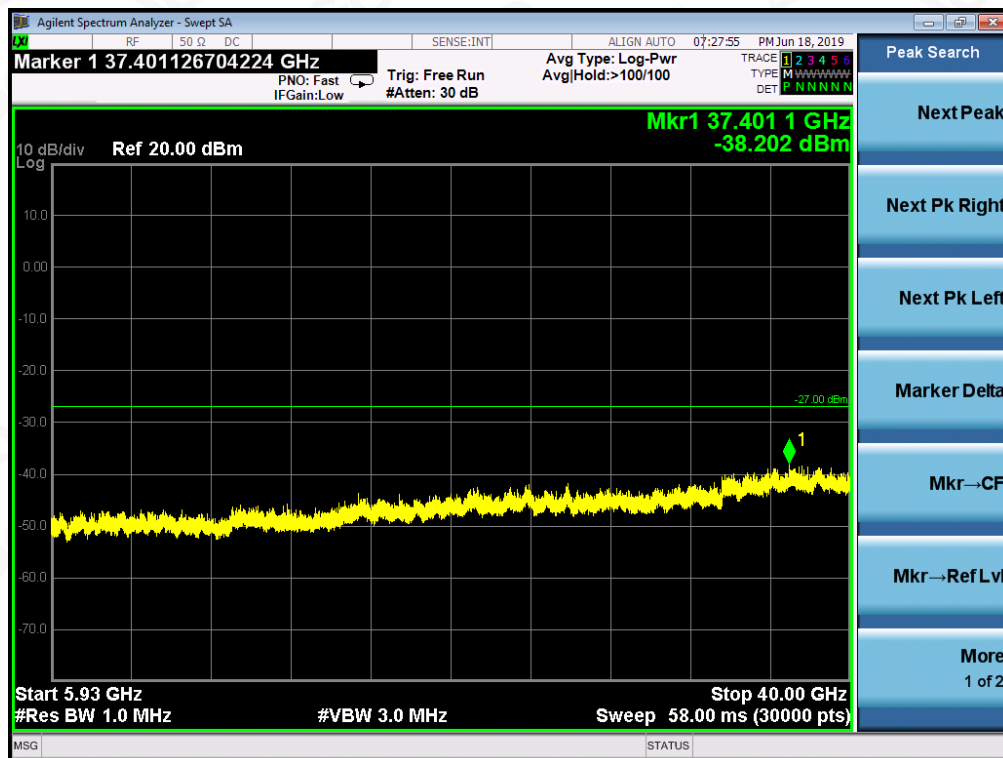
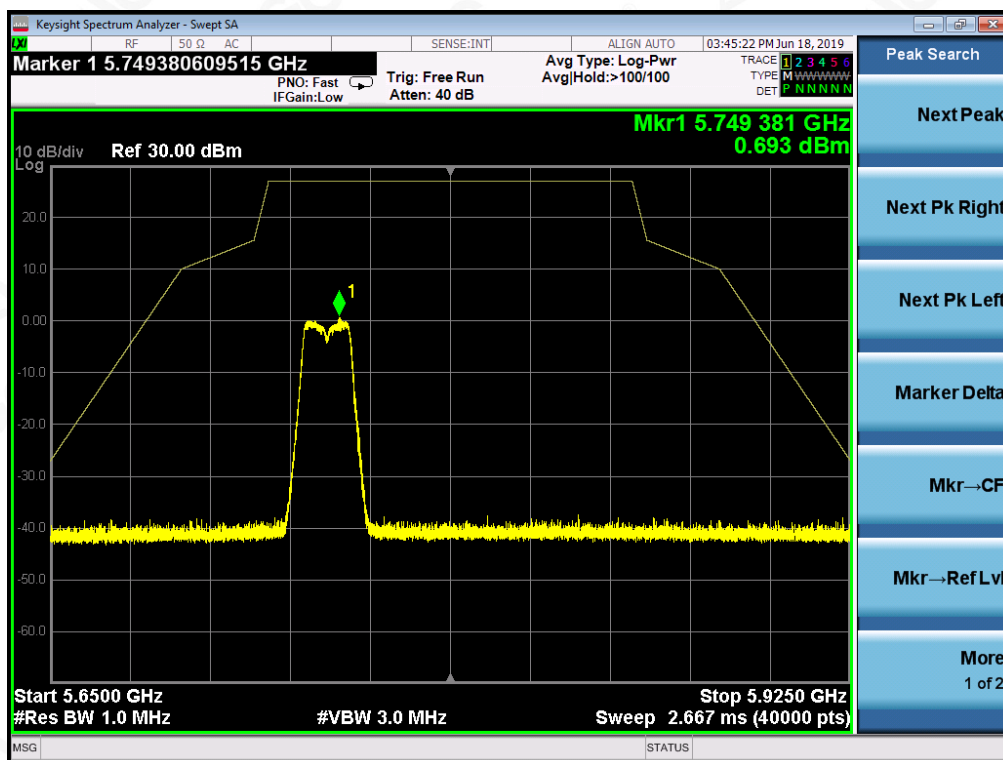
Service Hotline:400 089 2118

TEST PLOT OF OUT OF BAND EMISSIONS FOR MODULATION IN 5745MHz



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

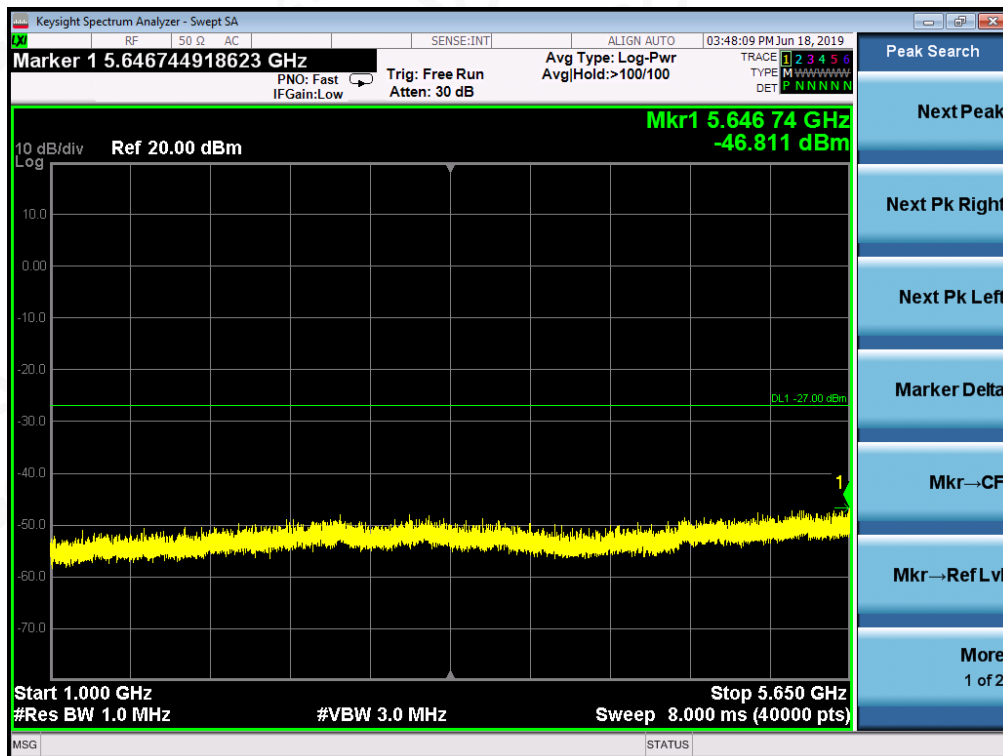
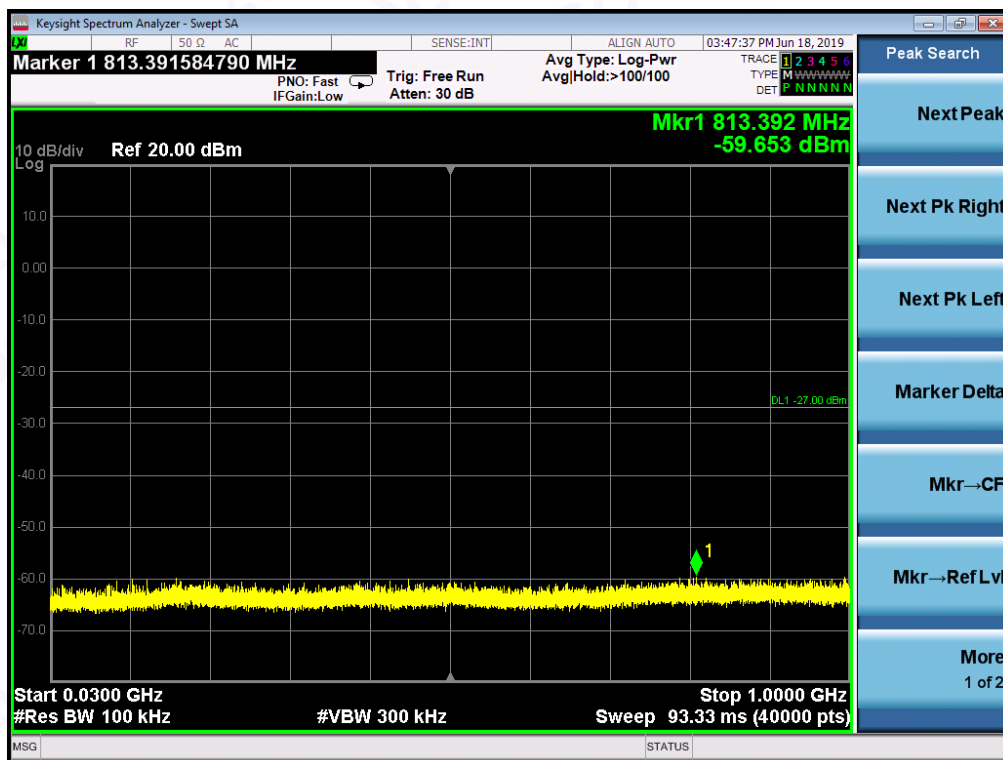
Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,
Xixiang, Bao'an District, Shenzhen, Guangdong, China
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Service Hotline:400 089 2118



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

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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 OUT OF BAND EMISSIONS FOR MODULATION IN 5825MHz



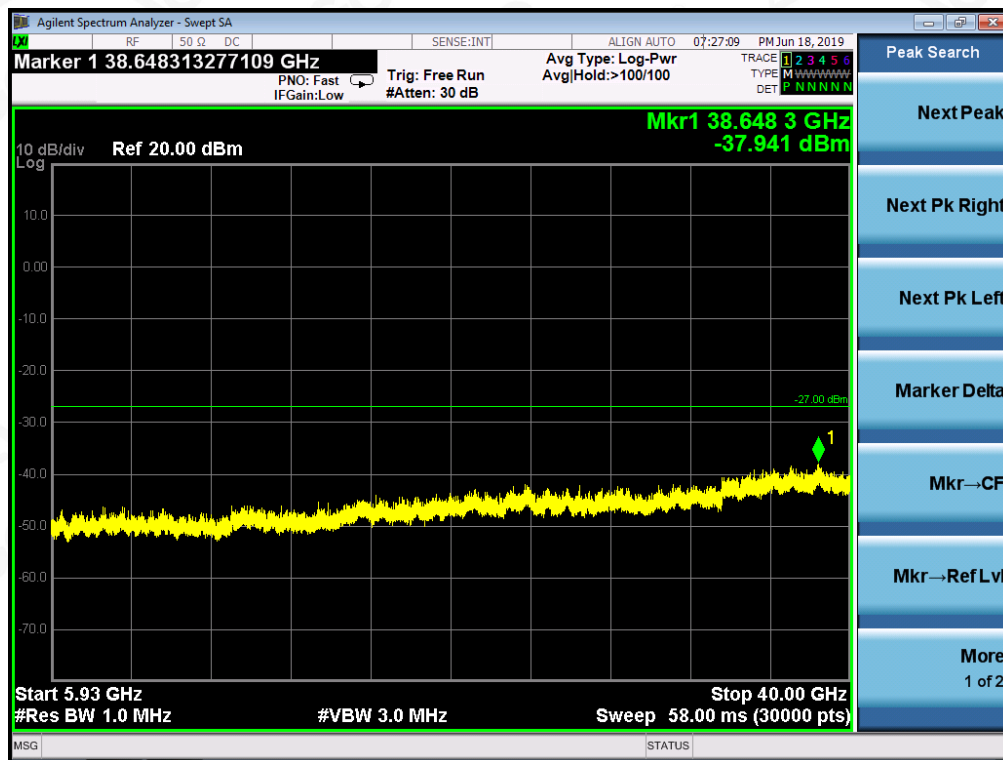
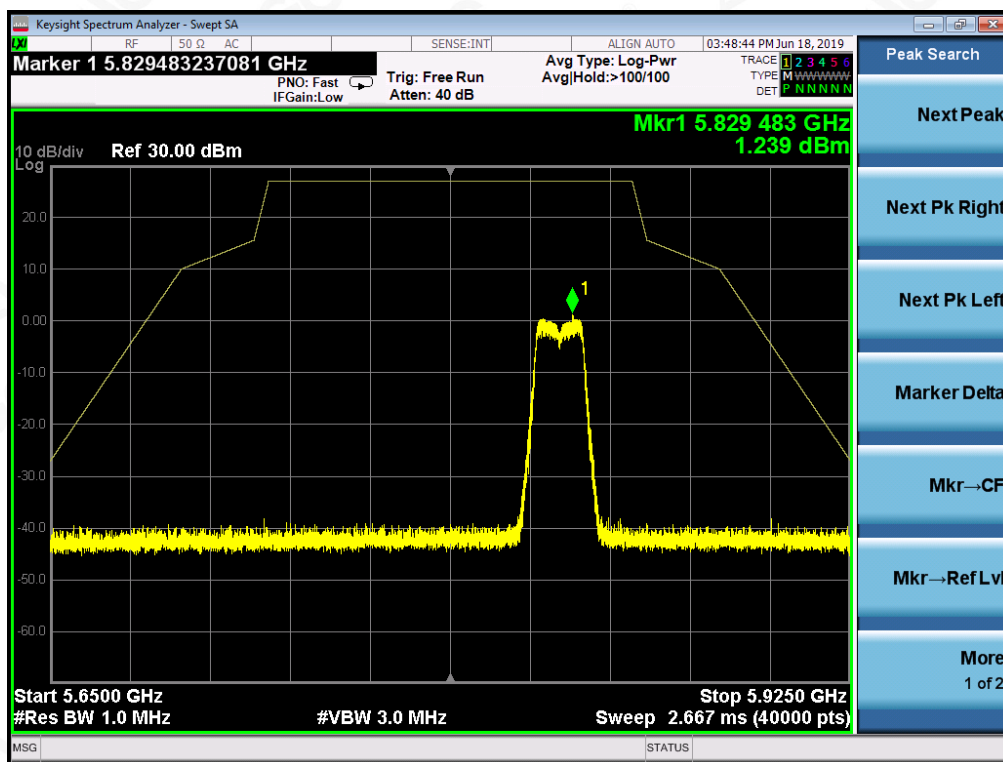
Attestation of Global Compliance(Shenzhen)Co.,Ltd.

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

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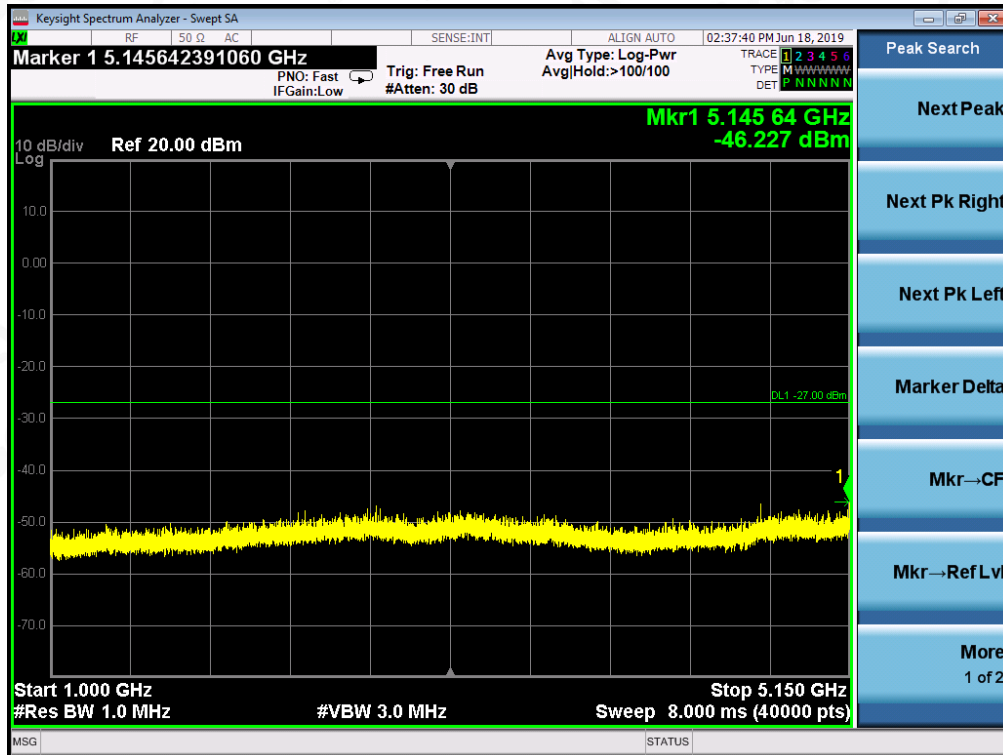
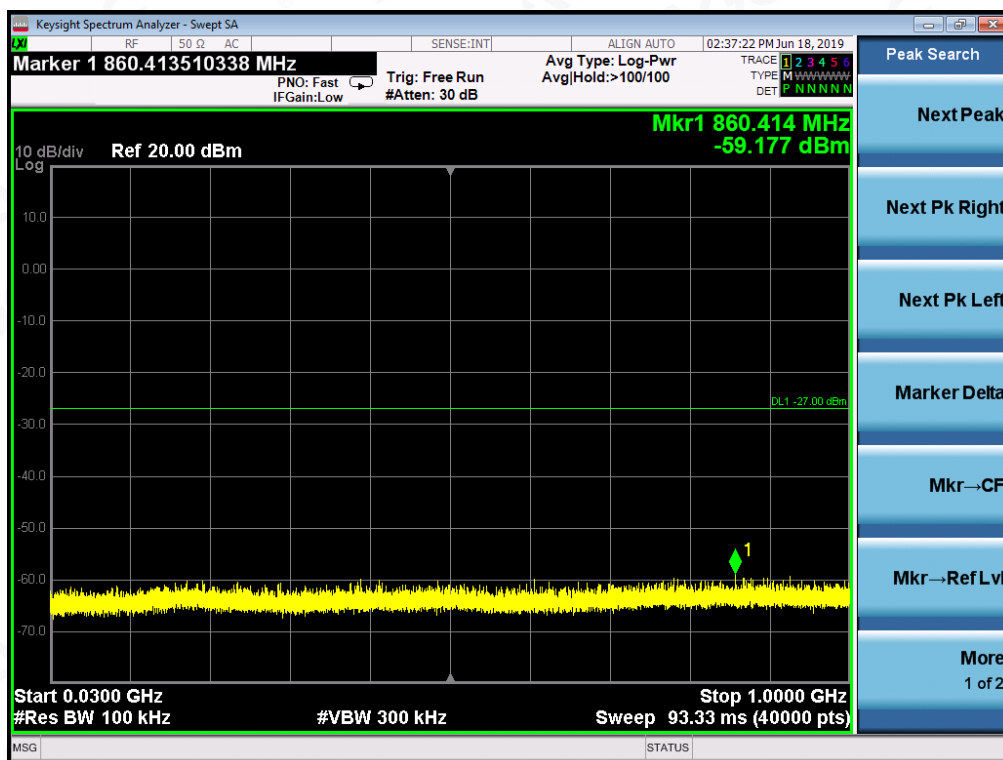


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FOR 802.11N40 MODULATION

TEST PLOT OF OUT OF BAND EMISSIONS FOR MODULATION IN 5190MHz



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