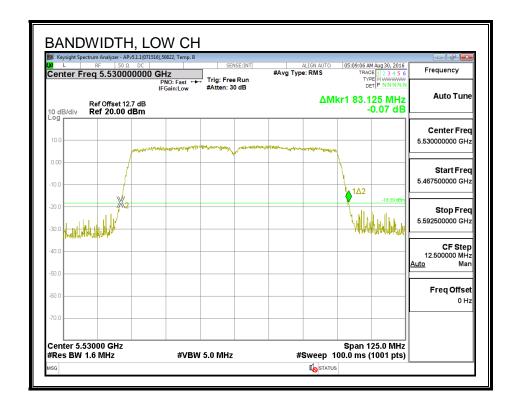
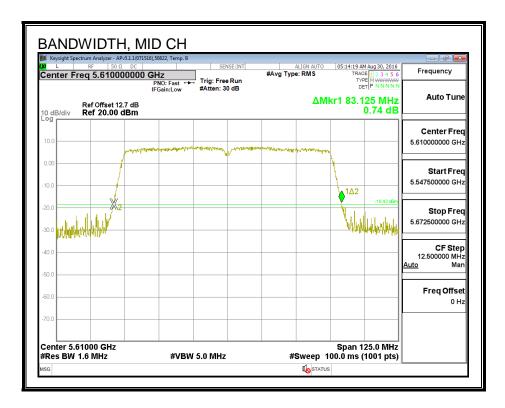
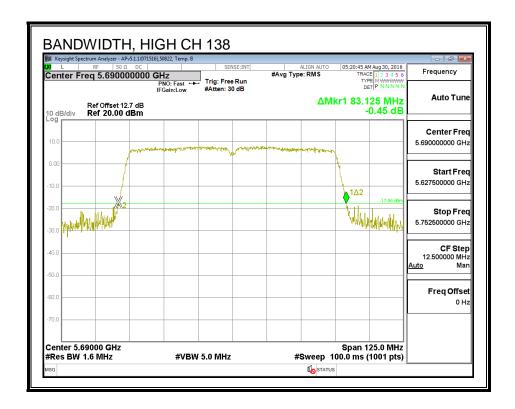
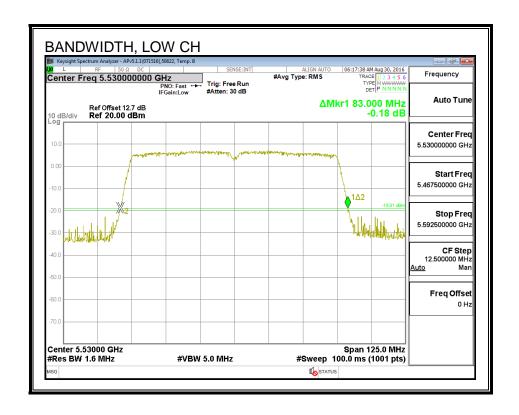
#### 26 dB BANDWIDTH, CHAIN 0

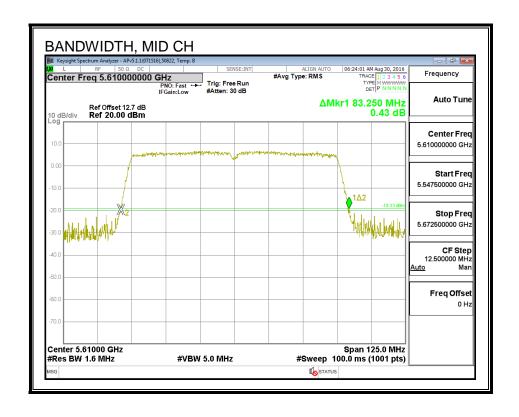


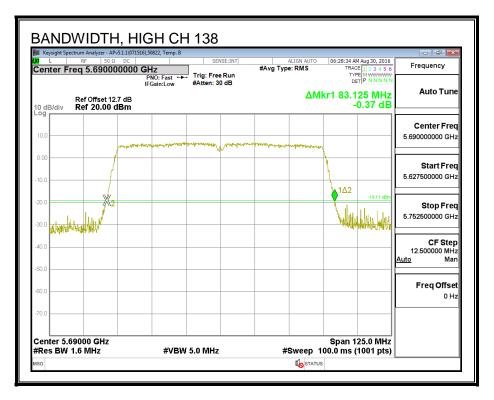




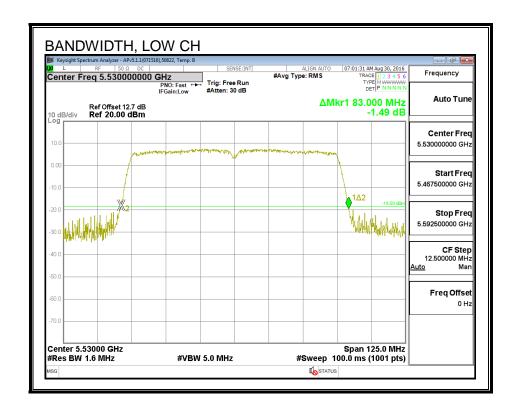
#### 26 dB BANDWIDTH, CHAIN 1

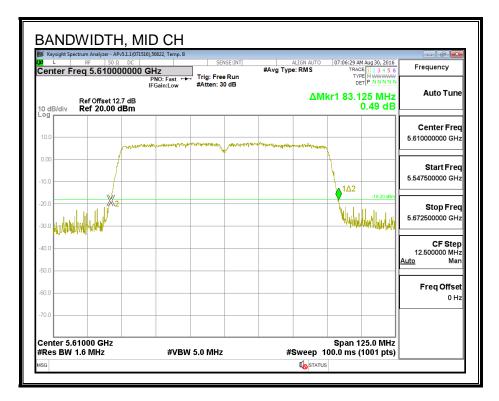


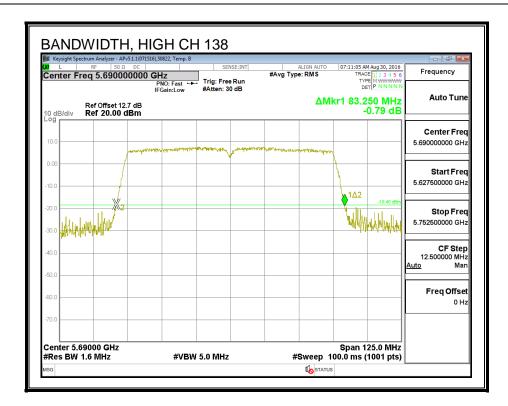




#### 26 dB BANDWIDTH, CHAIN 2







## 8.103.2.99% BANDWIDTH

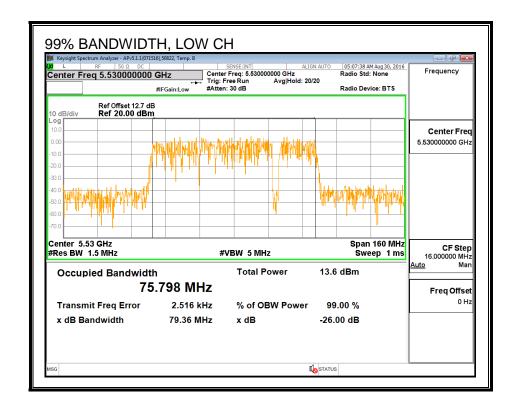
## **LIMITS**

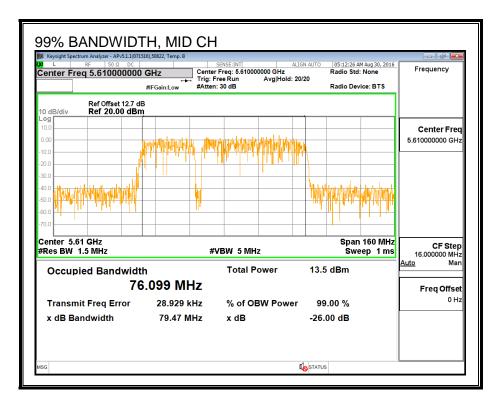
None; for reporting purposes only.

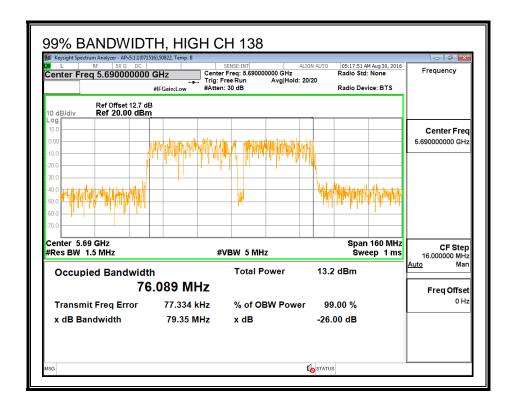
## **RESULTS**

Channel	Frequency	99% BW	99% BW	99% BW
		Chain 0	Chain 1	Chain 2
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5530	75.798	75.858	76.103
Mid	5610	76.099	76.048	76.147
High	5690	76.089	75.982	75.674

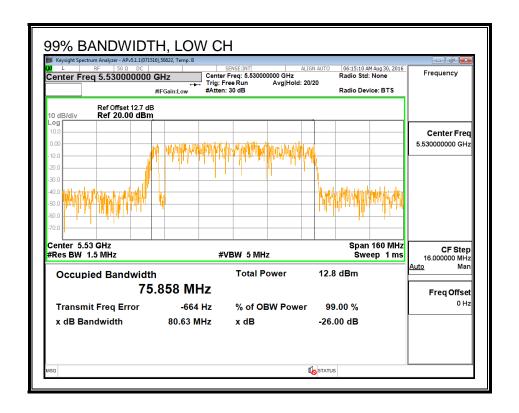
#### 99% BANDWIDTH, CHAIN 0

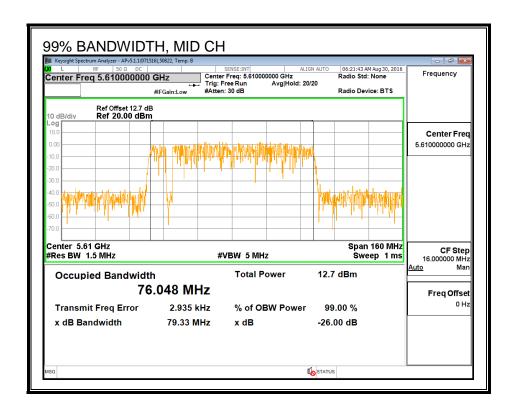


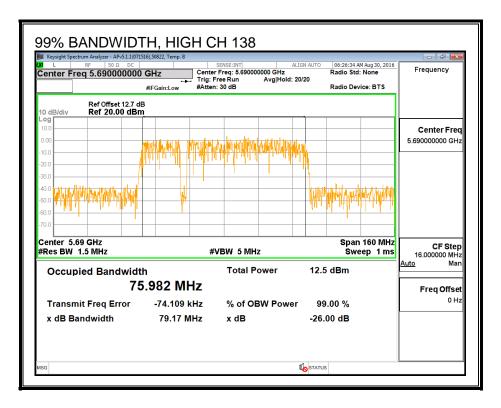




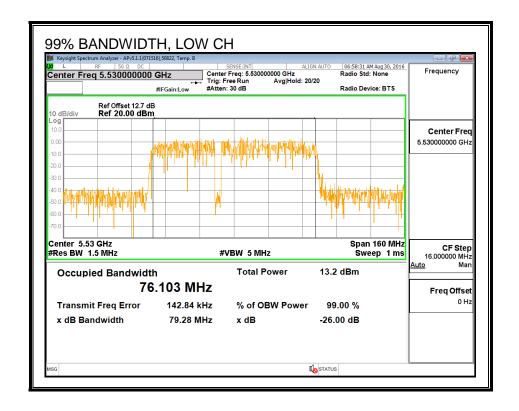
#### 99% BANDWIDTH, CHAIN 1

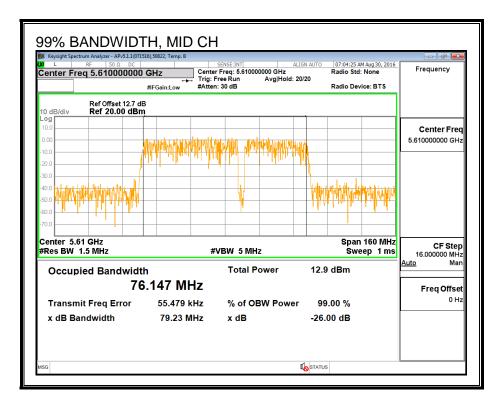


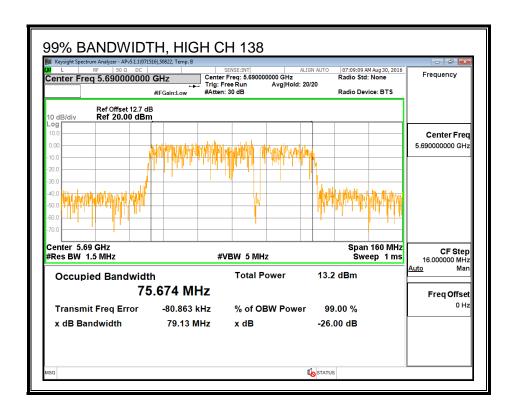




#### 99% BANDWIDTH, CHAIN 2







## 8.103.3. AVERAGE POWER

## **LIMITS**

None; for reporting purposes only.

## **TEST PROCEDURE**

Measurements perform using a wideband gated RF power meter.

## **RESULTS**

Channel	Frequency	Chain 0	Chain 1	Chain 2	Total
		Power	Power	Power	Power
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)
Low	5530	8.89	8.86	8.91	13.66
Mid	5610	12.24	12.21	12.18	16.98
High	5690	12.21	11.98	12.25	16.92

#### 8.103.4. OUTPUT POWER AND PSD

#### **LIMITS**

FCC §15.407 (a) (2)

For the band 5.47–5.725 GHz, the maximum conducted output power over the frequency band of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26–dB emission bandwidth in MHz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1–MHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

IC RSS-247 (6.2.3) (1)

The maximum conducted output power shall not exceed 250 mW or 11 + 10 log10B, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

## **TEST PROCEDURE**

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

Straddle channel power is measured using PXA spectrum analyzer, duty cycle correction factor is required.

#### **DIRECTIONAL ANTENNA GAIN**

The TX chains are uncorrelated and the antenna gain is unequal among the chains. The directional gain is:

Chain 0	Chain 1	Chain 2	<b>Uncorrelated Chains</b>
Antenna	Antenna	Antenna	Directional
Gain	Gain	Gain	Gain
(dBi)	(dBi)	(dBi)	(dBi)
4.90	7.40	5.20	5.98

The TX chains are correlated and the antenna gain is unequal among the chains. The directional gain is:

Chain 0	Chain 1	Chain 2	<b>Correlated Chains</b>
Antenna	Antenna	Antenna	Directional
Gain	Gain	Gain	Gain
(dBi)	(dBi)	(dBi)	(dBi)
4.90	7.40	5.20	10.68

REPORT NO: 16U23800-E4V2 DATE: OCTOBER 13, 2016 IC: 579C-A1707 FCC ID: BCGA1707

## **RESULTS**

ID:	43573	Date:	9/7/16
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## Bandwidth, Antenna Gain and Limits

Channel	Frequency	Min	Min	Directional	Directional	Power	PSD
		26 dB	99%	Gain	Gain	Limit	Limit
		BW	BW	for Power	for PSD		
	(MHz)	(MHz)	(MHz)	(dBi)	(dBi)	(dBm)	(dBm)
Low	5530	83.00	75.798	5.98	10.68	24.00	6.32
High	5610	83.13	76.048	5.98	10.68	24.00	6.32

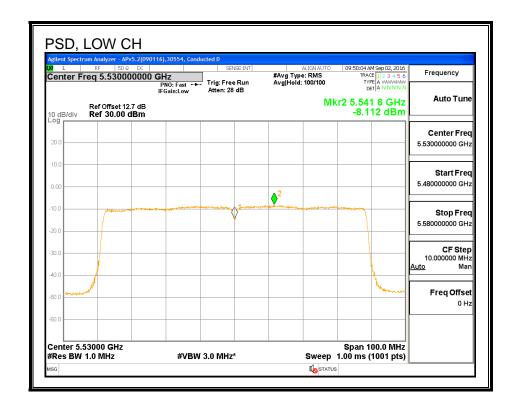
Duty Cycle CF (dB) 0.18	Included in Calculations of Corr'd PSD
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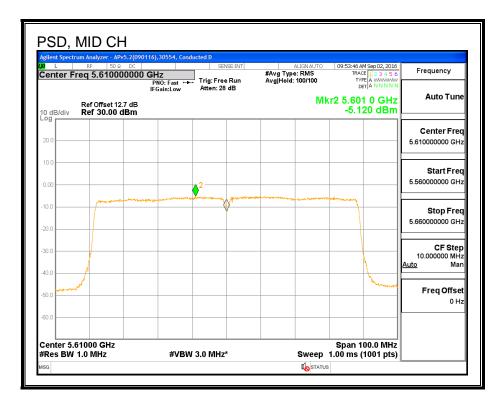
#### **Output Power Results**

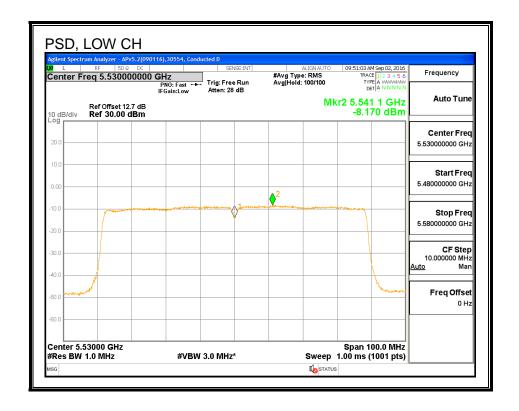
Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	Power	Power
		Meas	Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
Low	5530	8.89	8.86	8.91	13.66	24.00	-10.34
High	5610	12.24	12.21	12.18	16.98	24.00	-7.02

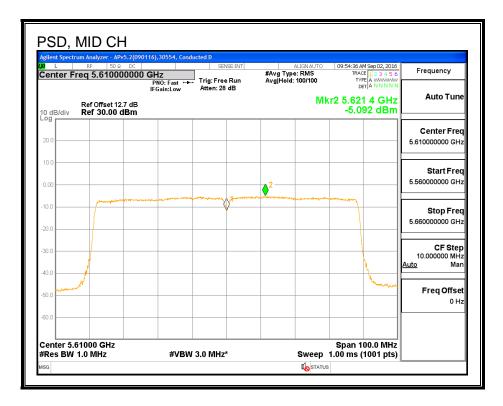
#### **PSD Results**

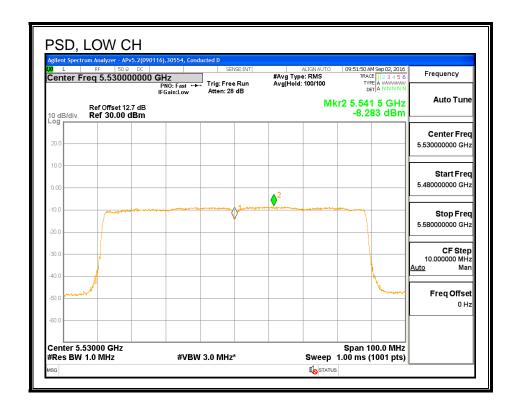
Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	PSD	PSD
		Meas	Meas	Meas	Corr'd	Limit	Margin
		PSD	PSD	PSD	PSD		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
Low	5530	-8.11	-8.17	-8.28	-3.24	6.32	-9.56
High	5610	-5.12	-5.09	-5.18	-0.18	6.32	-6.50

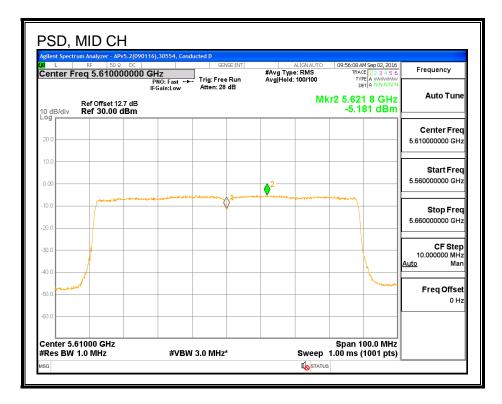












## 8.103.5. STRADDLE CHANNEL 138 RESULTS (FCC)

## **UNII-2C BAND**

## Bandwidth, Antenna Gain, and Limits

Channel	Frequency	Min	Directional	Directional	Power	PSD
		26 dB	Gain	Gain	Limit	Limit
		BW	for Power	for PSD		
	(MHz)	(MHz)	(dBi)	(dBi)	(dBm)	(dBm)
138	5690	76.56	5.98	10.68	24.00	6.32

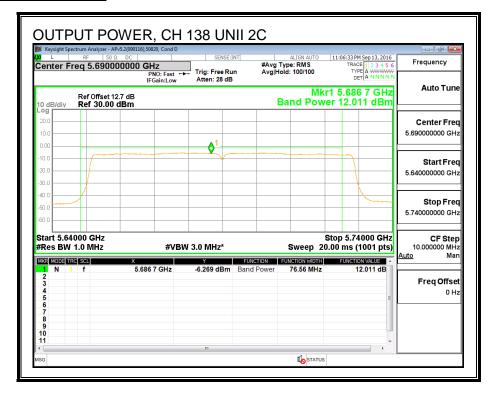
Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd Power & PSD
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## **Output Power Results**

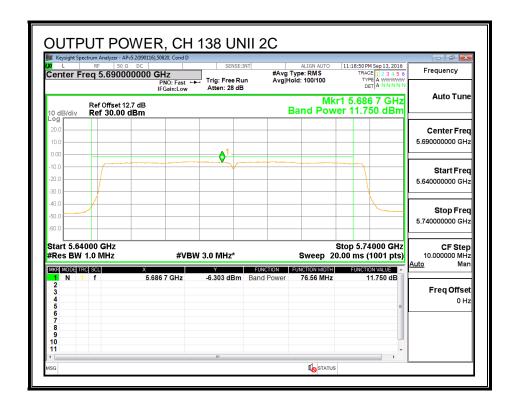
Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	Power	Power
		Meas	Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
138	5690	12.01	11.75	12.08	16.90	24.00	-7.10

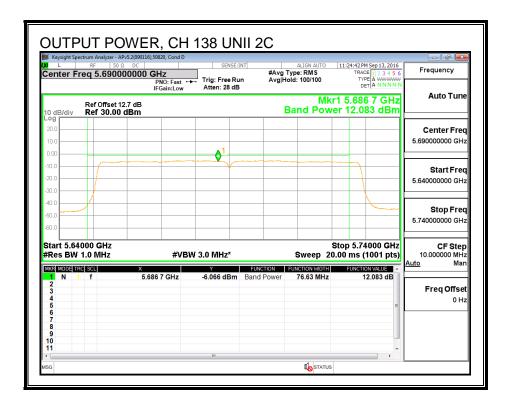
#### **PSD Results**

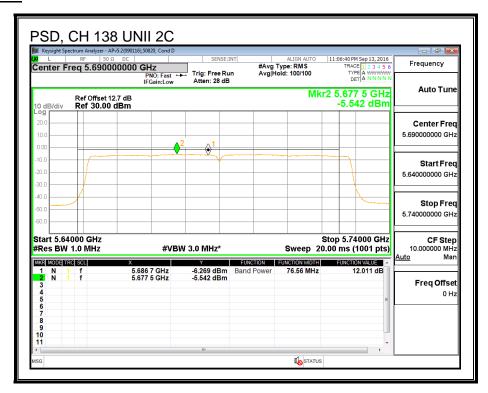
Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	PSD	PSD
		Meas	Meas	Meas	Corr'd	Limit	Margin
		PSD	PSD	PSD	PSD		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
138	5690	-5.54	-5.85	-5.45	-0.66	6.32	-6.98

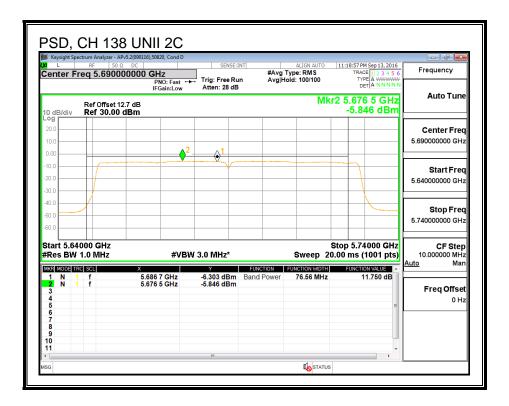


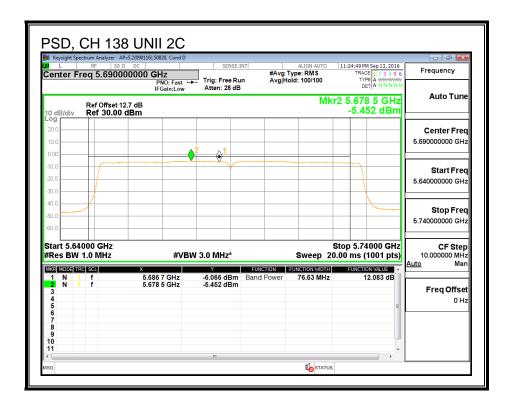
#### **OUTPUT POWER, CHAIN 1**











REPORT NO: 16U23800-E4V2 FCC ID: BCGA1707

## **UNII-3 BAND**

#### **Antenna Gain and Limit**

Channel	Frequency	Min	Directional	Directional	Power	PSD
		26 dB	Gain	Gain	Limit	Limit
		BW				
	(MHz)	(MHz)	(dBi)	(dBi)	(dBm)	(dBm)
138	5690	6.56	5.98	10.68	30.00	25.32

Duty Cycle CF (dB) 0.18 Included in Calculations of Corr'd Power & PS	D
---	---

#### **Output Power Results**

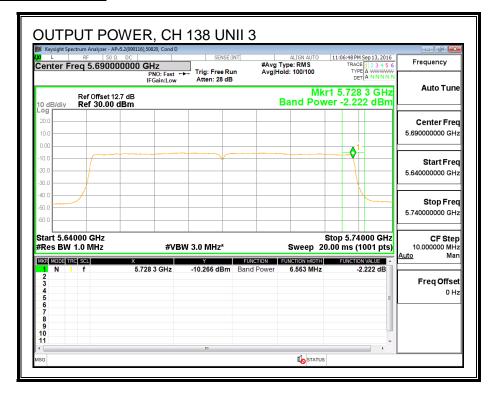
Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	Power	Power
		Meas	Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
138	5690	-2.22	-2.44	-2.17	2.68	30.00	-27.32

#### **PSD Results**

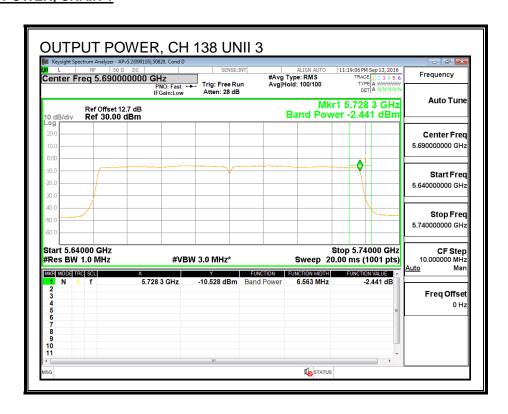
ſ	Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	PSD	PSD
ı			Meas	Meas	Meas	Corr'd	Limit	Margin
ı			PSD	PSD	PSD	PSD		
ı		(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
I	138	5690	-9.74	-9.95	-9.75	-4.86	25.32	-30.18

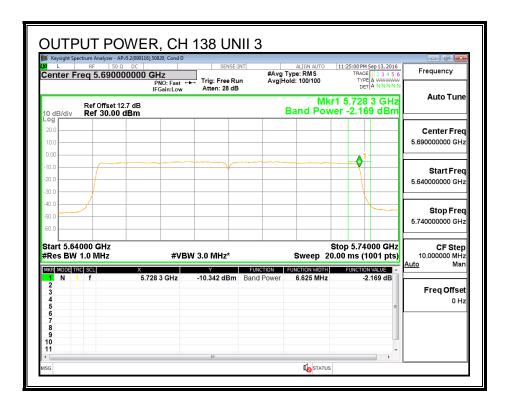
DATE: OCTOBER 13, 2016

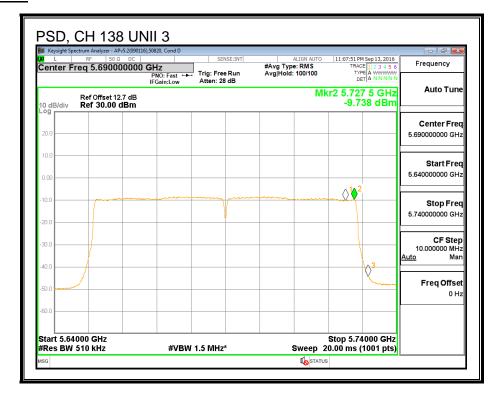
IC: 579C-A1707

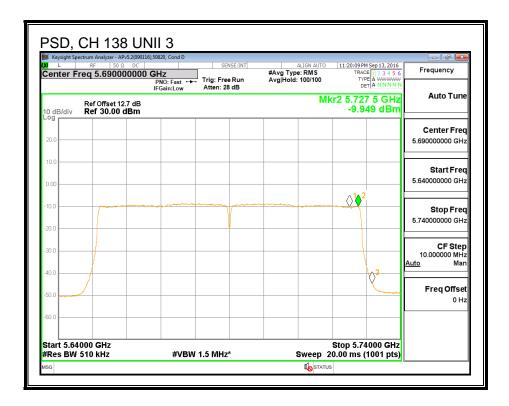


#### **OUTPUT POWER, CHAIN 1**

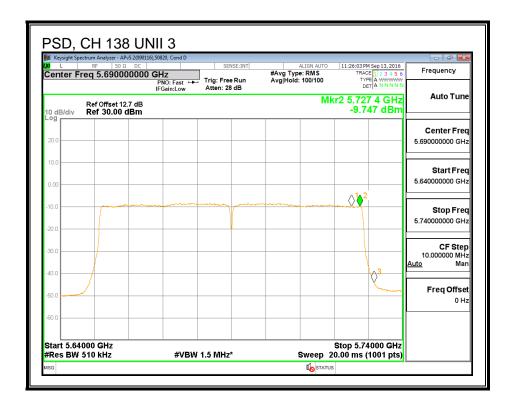








#### **PSD, CHAIN 2**



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# 8.103.6. STRADDLE CHANNEL 138 RESULTS (IC)

## **UNII-2C BAND**

## Bandwidth, Antenna Gain, and Limits

Channel	Frequency	Min	Directional	Directional	Power	PSD
		99%	Gain	Gain	Limit	Limit
		BW	for Power	for PSD		
	(MHz)	(MHz)	(dBi)	(dBi)	(dBm)	(dBm)
138	5690	72.840	5.98	10.68	24.00	6.32

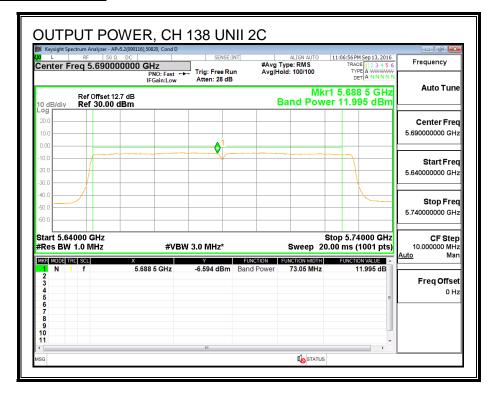
Duty Cycle CF (dB) 0.18	Included in Calculations of Corr'd Power & PSD	
-------------------------	--	--

## **Output Power Results**

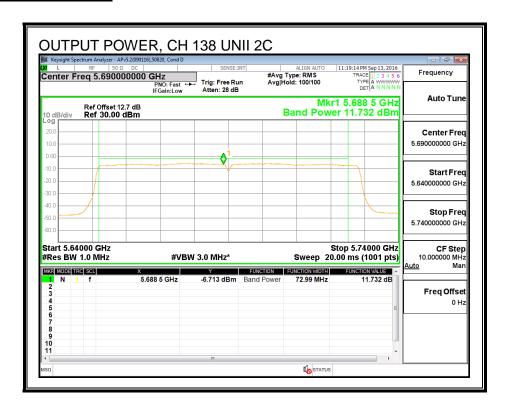
Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	Power	Power
		Meas	Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
138	5690	12.00	11.73	12.06	16.88	24.00	-7.12

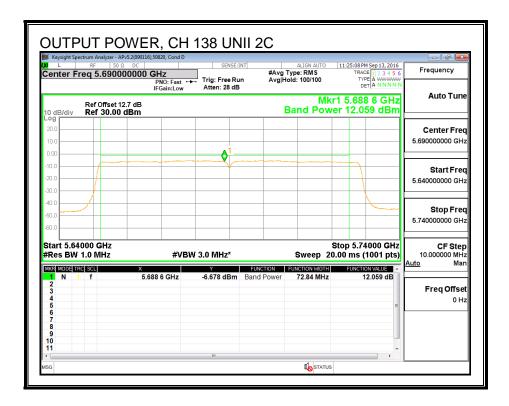
#### **PSD Results**

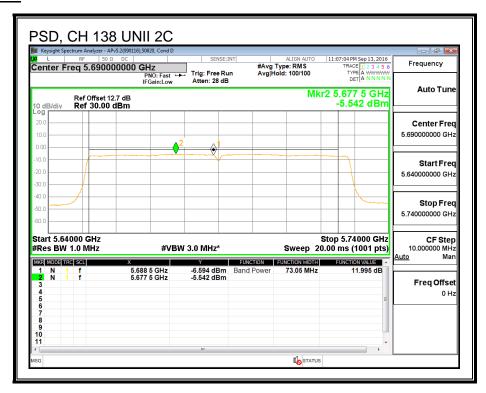
Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	PSD	PSD
		Meas	Meas	Meas	Corr'd	Limit	Margin
		PSD	PSD	PSD	PSD		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
138	5690	-5.54	-5.85	-5.45	-0.66	6.32	-6.98

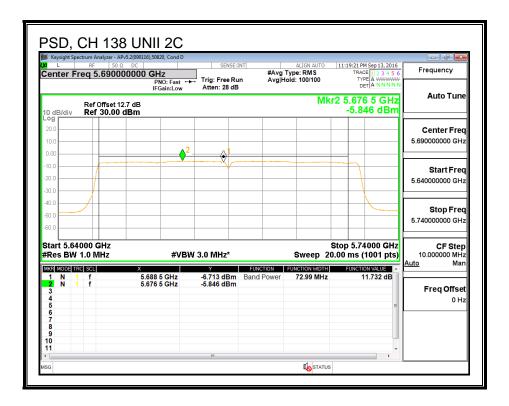


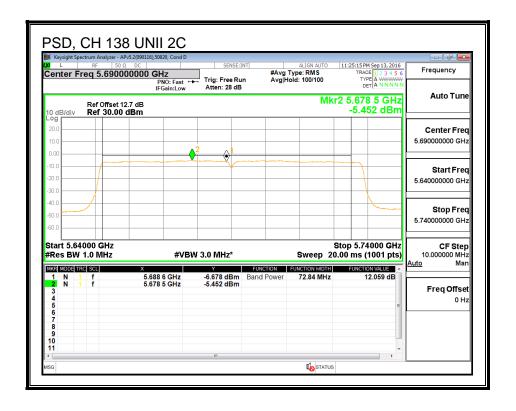
#### **OUTPUT POWER, CHAIN 1**











## **UNII-3 BAND**

#### **Antenna Gain and Limit**

Channel	Frequency	Min	Directional	Directional	Power	PSD
		99%	Gain	Gain	Limit	Limit
		BW	for Power	for PSD		
	(MHz)	(MHz)	(dBi)	(dBi)	(dBm)	(dBm)
138	5690	2.837	5.98	10.68	30.00	25.32

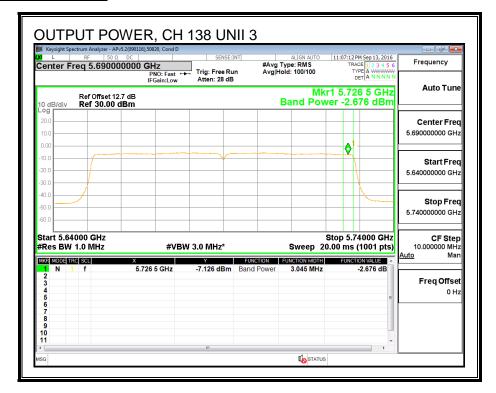
Duty Cycle CF (dB) 0.18 Ir	ncluded in Calculations of Corr'd Power & PSD
----------------------------	---

## **Output Power Results**

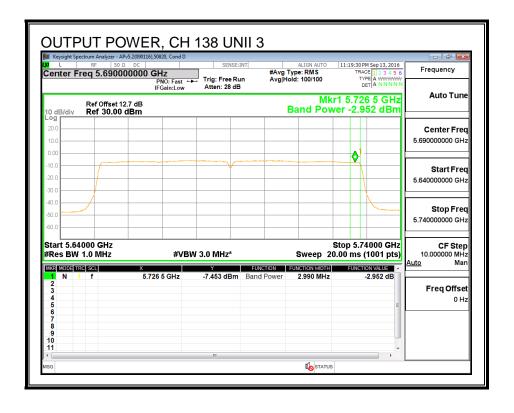
Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	Power	Power
		Meas	Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
138	5690	-2.68	-2.95	-2.87	2.12	30.00	-27.88

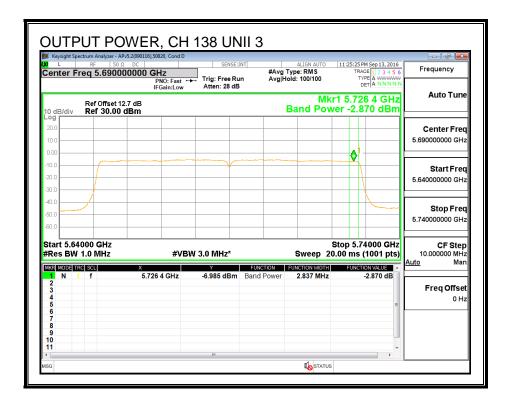
## **PSD Results**

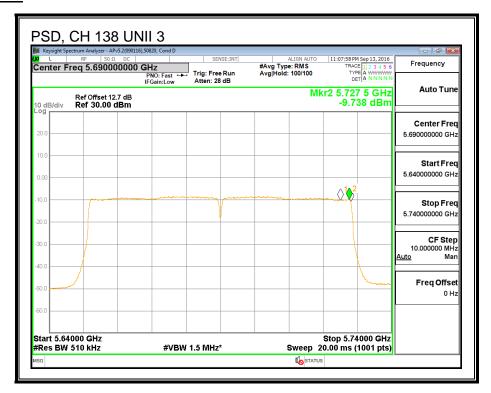
Channe	I Frequency	Chain 0	Chain 1	Chain 2	Total	PSD	PSD
		Meas	Meas	Meas	Corr'd	Limit	Margin
		PSD	PSD	PSD	PSD		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
138	5690	-9.74	-9.95	-9.75	-4.86	25.32	-30.18

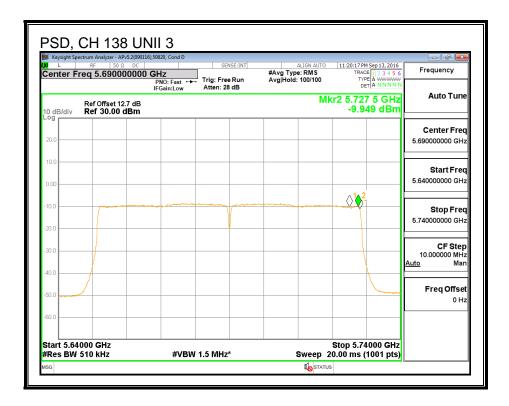


#### **OUTPUT POWER, CHAIN 1**

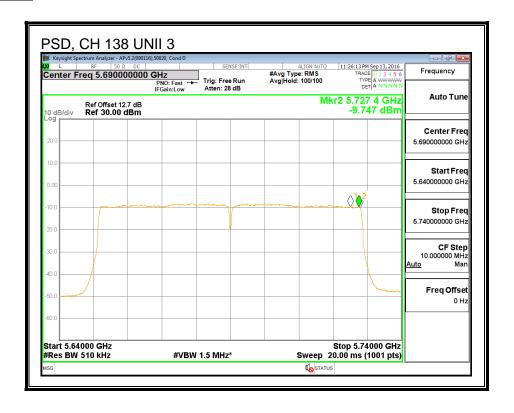








#### **PSD, CHAIN 2**



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## 8.103.7.6 dB BANDWIDTH

## **LIMITS**

FCC §15.407 (e)

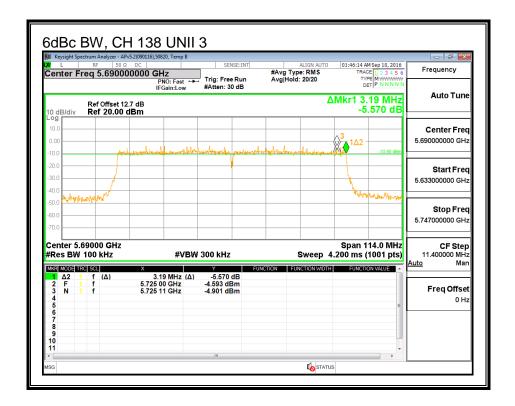
IC RSS-247 (6.2.4) (1)

The minimum 6 dB bandwidth shall be at least 500 kHz.

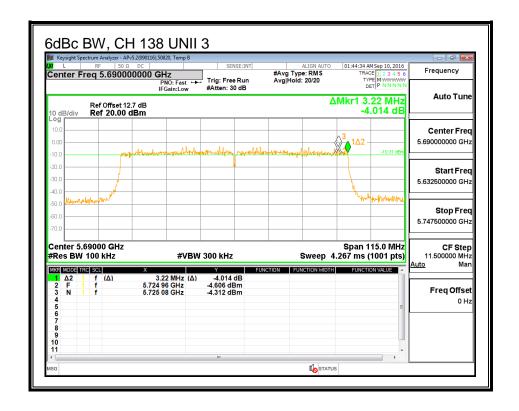
## **RESULTS**

Channel	Frequency	6 dB BW	6 dB BW	6 dB BW	
		Chain 0	Chain 1	Chain 2	
	(MHz)	(MHz)	(MHz)	(MHz)	
High	5690	3.19	3.22	3.31	

#### **CHAIN 0**

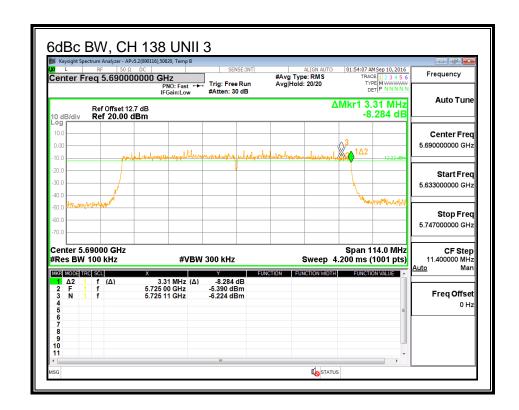


#### **CHAIN 1**



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#### **CHAIN 2**



# 8.104. 802.11ac VHT80 3Tx STBC MODE IN THE 5.6 GHz BAND (5610MHz for FCC only)

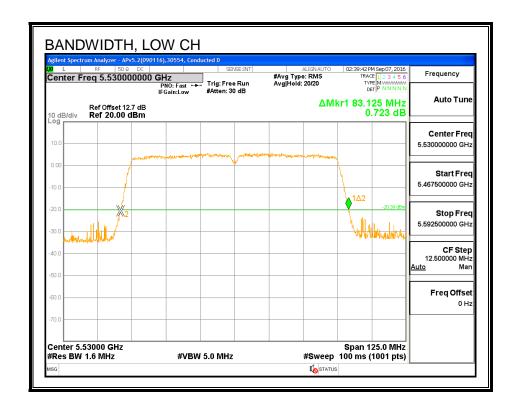
# 8.104.1.26 dB BANDWIDTH

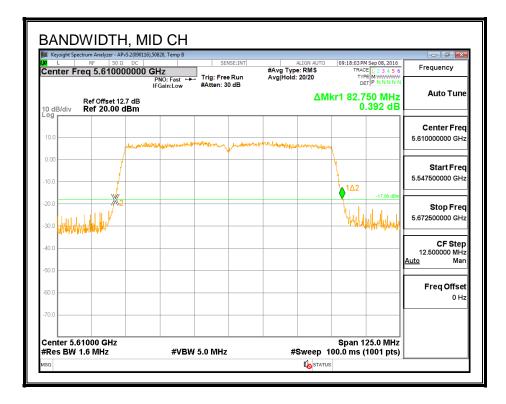
# **LIMITS**

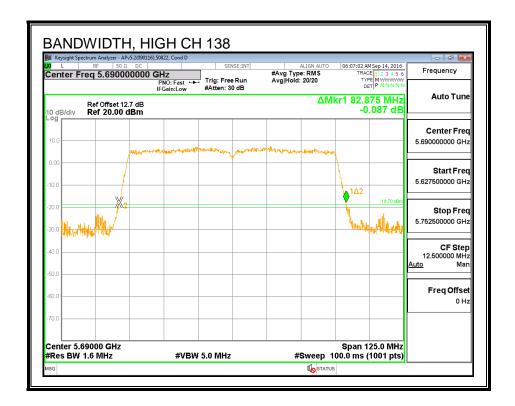
None; for reporting purposes only.

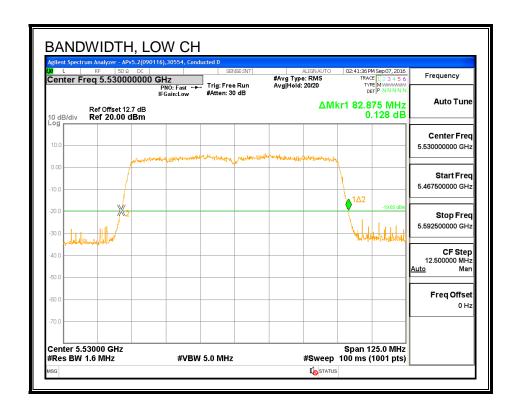
# **RESULTS**

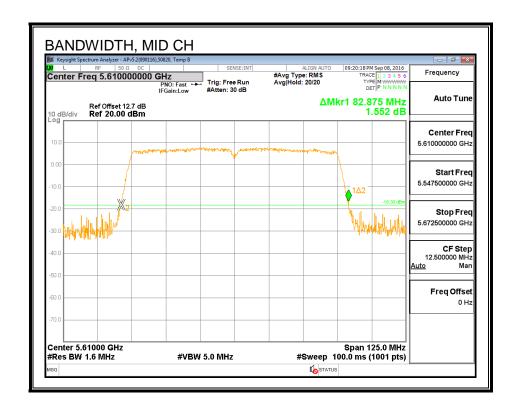
Channel	Frequency 26 dB BW		26 dB BW	26 dB BW
		Chain 0	Chain 1	Chain 2
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5530	83.125	82.875	82.584
Mid	5610	82.750	82.875	82.584
High	5690	82.875	82.750	83.125

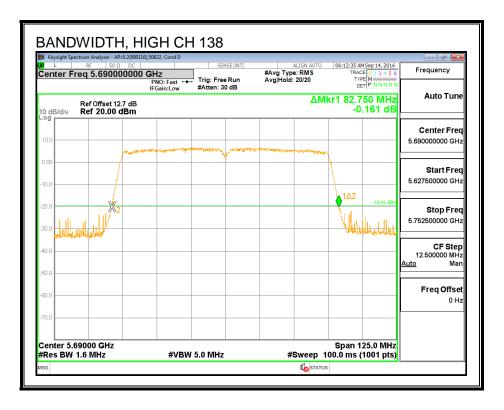


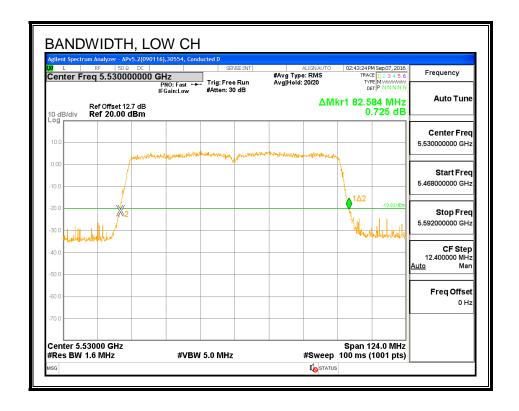


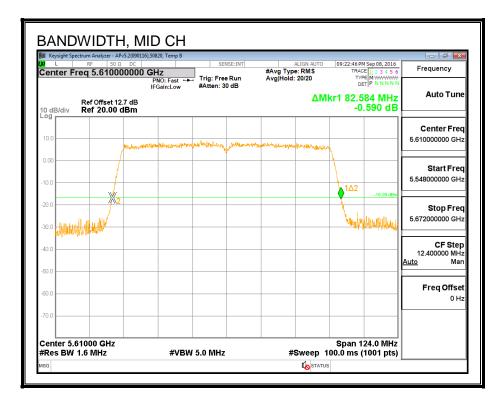


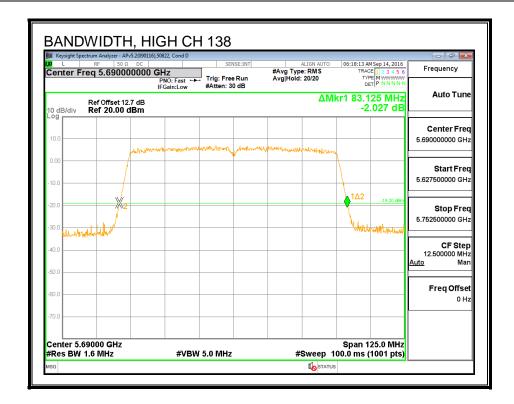












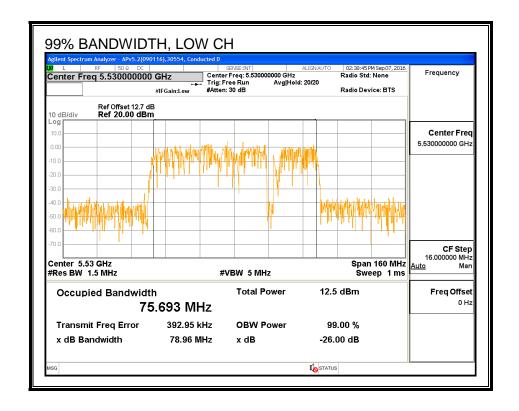
# 8.104.2.99% BANDWIDTH

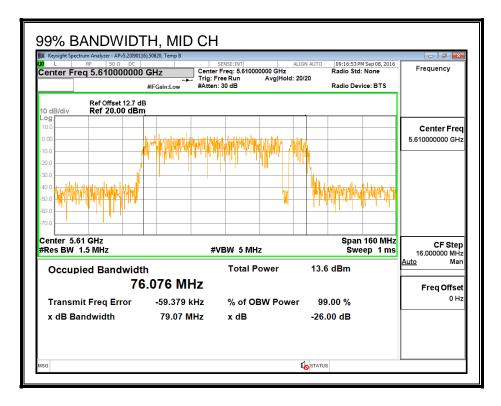
# **LIMITS**

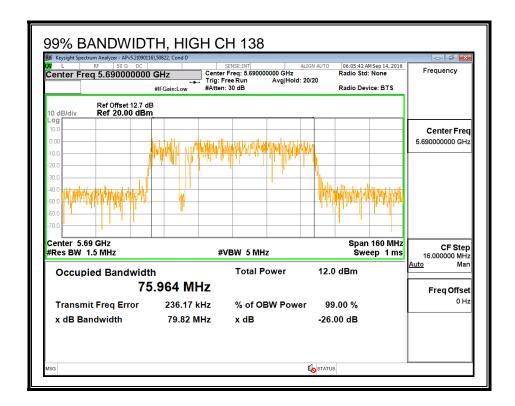
None; for reporting purposes only.

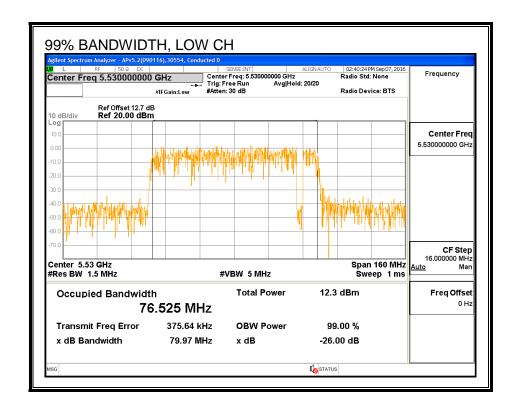
# **RESULTS**

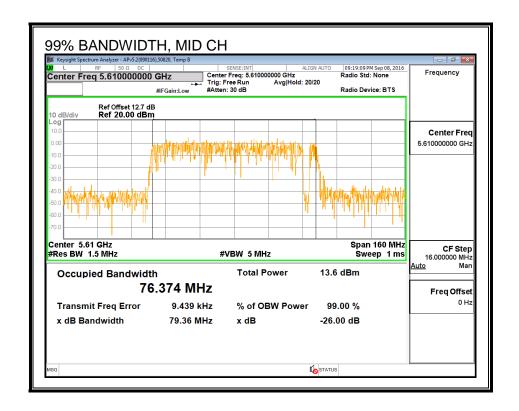
Channel	Frequency	99% BW	99% BW	99% BW
		Chain 0	Chain 1	Chain 2
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5530	75.693	76.525	75.998
Mid	5610	76.076	76.374	76.061
High	5690	75.964	76.280	75.942

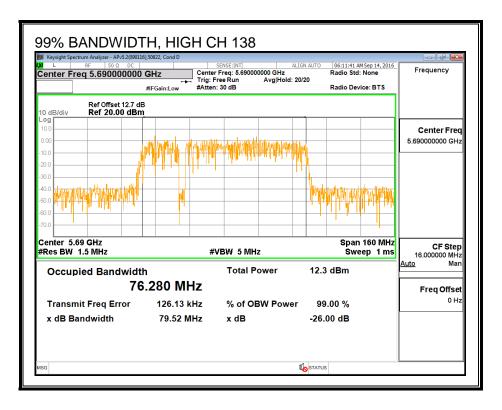


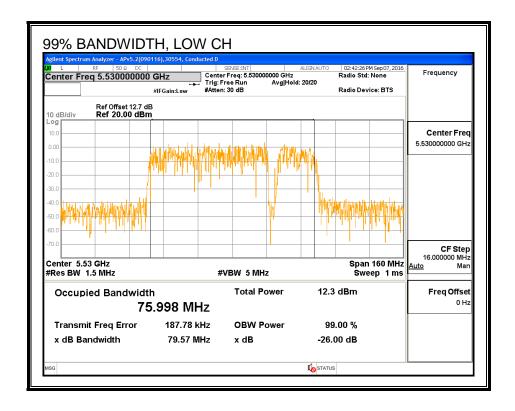


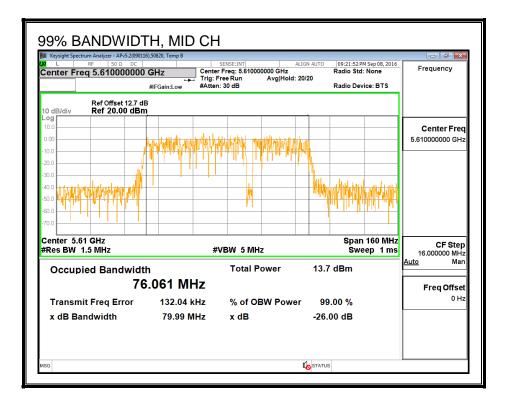


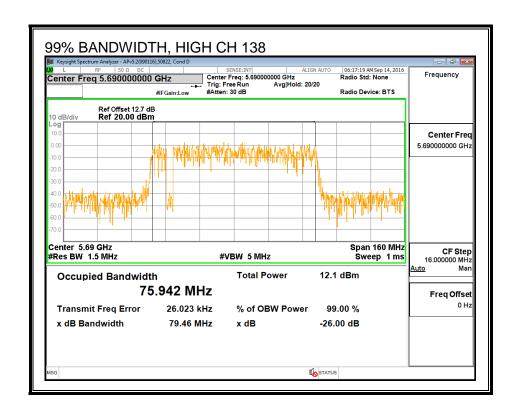












# 8.104.3. AVERAGE POWER

# **LIMITS**

None; for reporting purposes only.

# **TEST PROCEDURE**

Measurements perform using a wideband gated RF power meter.

# **RESULTS**

Channel	Frequency	Chain 0	Chain 1	Chain 2	Total
		Power	Power	Power	Power
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)
Low	5530	12.24	12.23	12.24	17.01
Mid	5610	11.97	12.04	12.23	16.85
High	5690	12.23	12.14	12.22	16.97

#### 8.104.4. OUTPUT POWER AND PSD

#### **LIMITS**

FCC §15.407 (a) (2)

For the band 5.47–5.725 GHz, the maximum conducted output power over the frequency band of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26–dB emission bandwidth in MHz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1–MHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

IC RSS-247 (6.2.3) (1)

The maximum conducted output power shall not exceed 250 mW or 11 + 10 log10B, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

# **TEST PROCEDURE**

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

Straddle channel power is measured using PXA spectrum analyzer, duty cycle correction factor is required.

# **DIRECTIONAL ANTENNA GAIN**

The TX chains are uncorrelated and the antenna gain is unequal among the chains. The directional gain is:

Chain 0	Chain 1	Chain 2	Uncorrelated Chains
Antenna	Antenna	Antenna	Directional
Gain	Gain	Gain	Gain
(dBi)	(dBi)	(dBi)	(dBi)
4.90	7.40	5.20	5.98

REPORT NO: 16U23800-E4V2 DATE: OCTOBER 13, 2016 IC: 579C-A1707 FCC ID: BCGA1707

# **RESULTS**

ID:	43573	Date:	9/7/16
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# Bandwidth, Antenna Gain and Limits

Channel	Frequency	Min	Min	Directional	Directional	Power	PSD
		26 dB	99%	Gain	Gain	Limit	Limit
		BW	BW	for Power	for PSD		
	(MHz)	(MHz)	(MHz)	(dBi)	(dBi)	(dBm)	(dBm)
Low	5530	82.58	75.693	5.98	5.98	24.00	11.00
High	5610	82.58	76.061	5.98	5.98	24.00	11.00

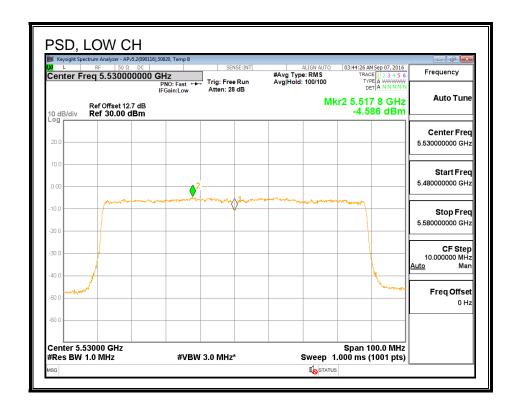
Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd PSD
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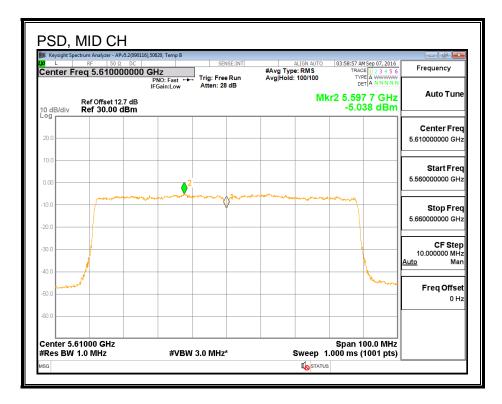
#### **Output Power Results**

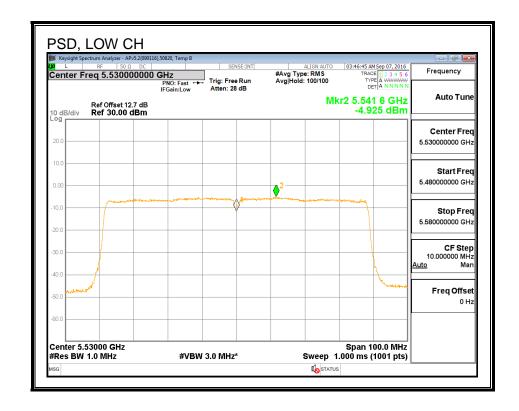
Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	Power	Power
		Meas	Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power	Power		
	(5.5.5.)				( I > )	( )	( )
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 5530	(dBm) 12.24	(dBm) 12.23	(dBm) 12.24	17.01	24.00	-6.99

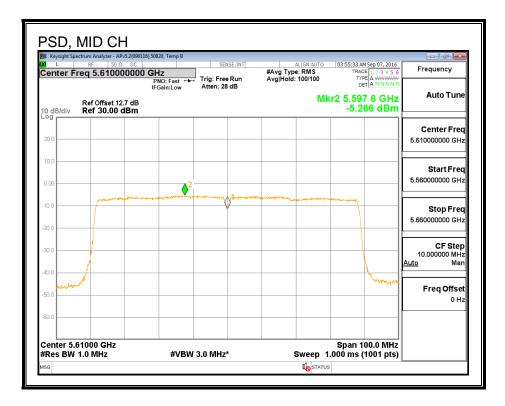
#### **PSD Results**

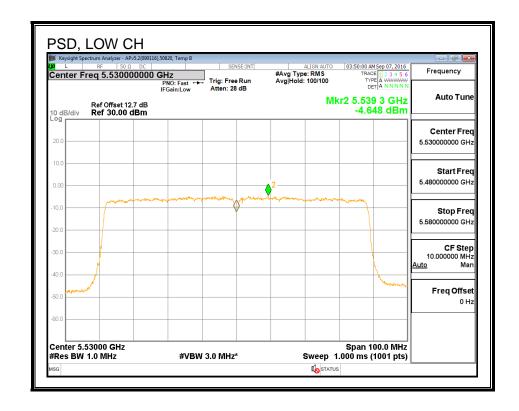
Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	PSD	PSD
		Meas	Meas	Meas	Corr'd	Limit	Margin
		PSD	PSD	PSD	PSD		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
1	==00						
Low	5530	-4.59	-4.93	-4.65	0.23	11.00	-10.77

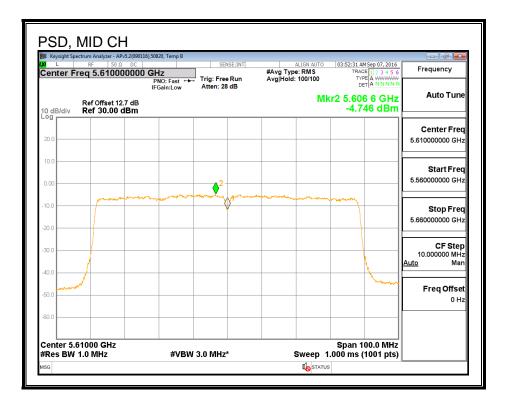












# 8.104.5. STRADDLE CHANNEL 138 RESULTS (FCC)

# **UNII-2C BAND**

# Bandwidth, Antenna Gain, and Limits

Channel	Frequency	Min	Directional	Directional	Power	PSD
		26 dB	Gain	Gain	Limit	Limit
		BW	for Power	for PSD		
	(MHz)	(MHz)	(dBi)	(dBi)	(dBm)	(dBm)
138	5690	76.38	5.98	5.98	24.00	11.00

Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd Power & PSD
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# **Output Power Results**

Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	Power	Power
		Meas	Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
138	5690	12.01	11.92	12.04	16.94	24.00	-7.06

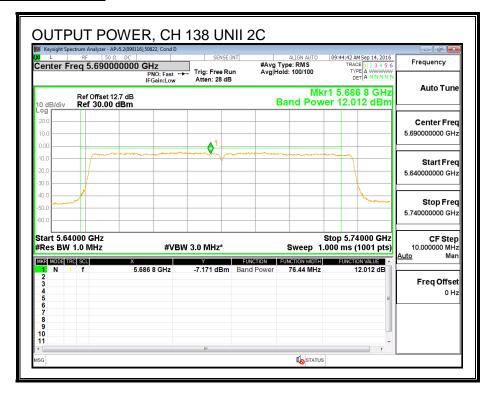
#### **PSD Results**

Cha	nnel	Frequency	Chain 0	Chain 1	Chain 2	Total	PSD	PSD
			Meas	Meas	Meas	Corr'd	Limit	Margin
			PSD	PSD	PSD	PSD		
		(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
1:	38	5690	-4.58	-5.28	-4.96	0.02	11.00	-10.98

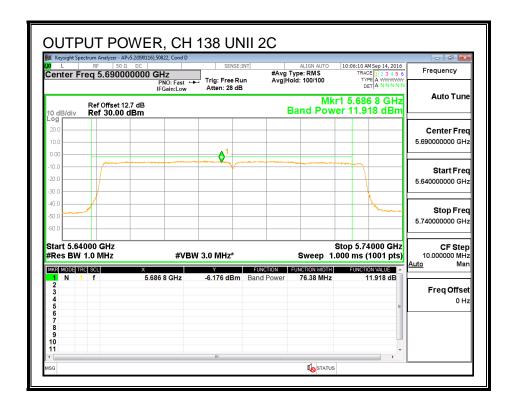
DATE: OCTOBER 13, 2016

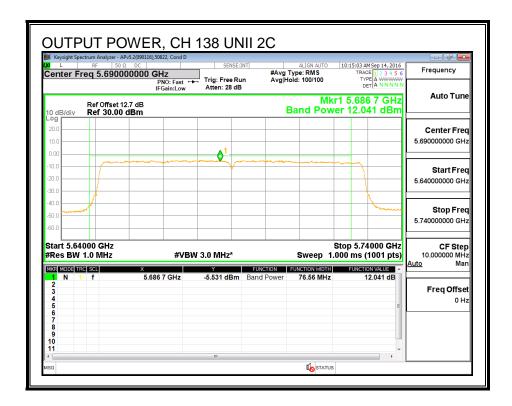
IC: 579C-A1707

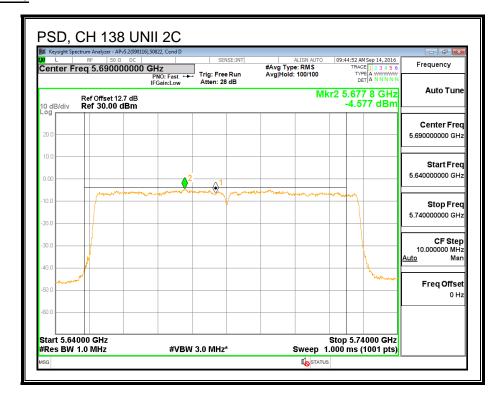
#### **OUTPUT POWER, CHAIN 0**



#### **OUTPUT POWER, CHAIN 1**

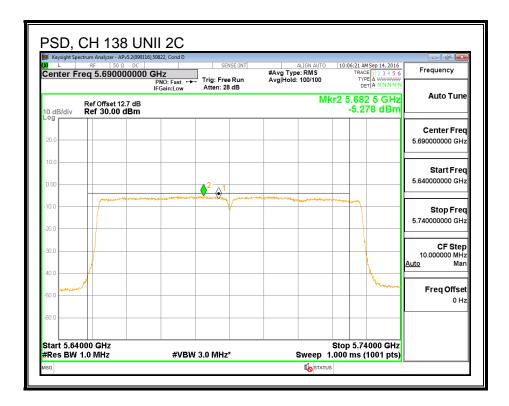


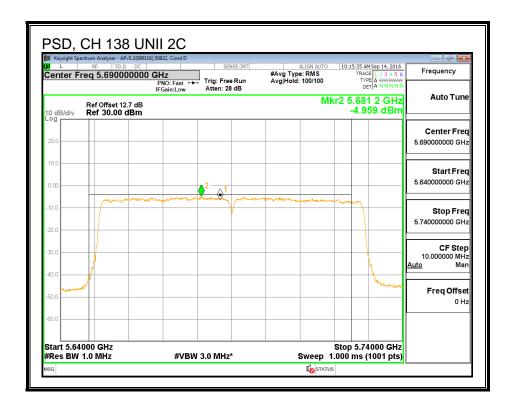




DATE: OCTOBER 13, 2016

IC: 579C-A1707





REPORT NO: 16U23800-E4V2 DATE: OCTOBER 13, 2016 FCC ID: BCGA1707

# **UNII-3 BAND**

#### **Antenna Gain and Limit**

Channel	Frequency	Min	Directional	Directional	Power	PSD
		26 dB	Gain	Gain	Limit	Limit
		BW				
	(MHz)	(MHz)	(dBi)	(dBi)	(dBm)	(dBm)
138	5690	6.38	5.98	5.98	30.00	30.00

#### **Output Power Results**

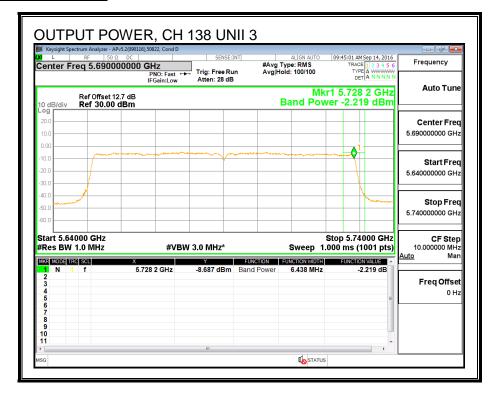
Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	Power	Power
		Meas	Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
138	5690	-2.22	-2.51	-2.32	2.60	30.00	-27.40

#### **PSD Results**

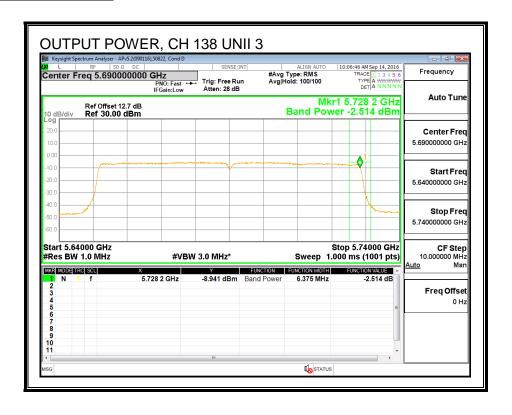
Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	PSD	PSD
		Meas	Meas	Meas	Corr'd	Limit	Margin
		PSD	PSD	PSD	PSD		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
138	5690	-9.14	-9.82	-9.39	-4.49	30.00	-34.49

IC: 579C-A1707

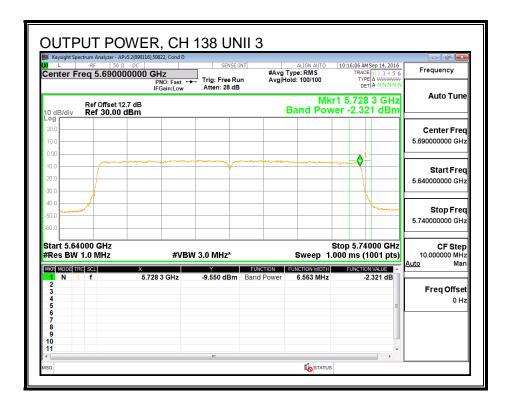
#### **OUTPUT POWER, CHAIN 0**

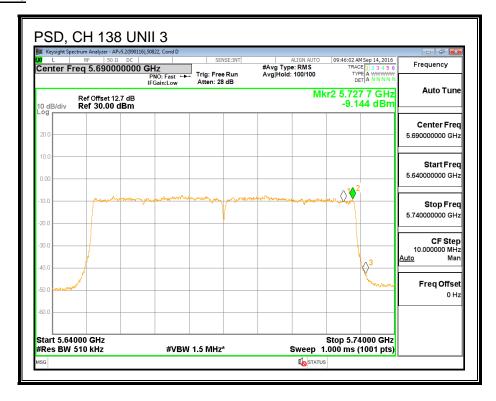


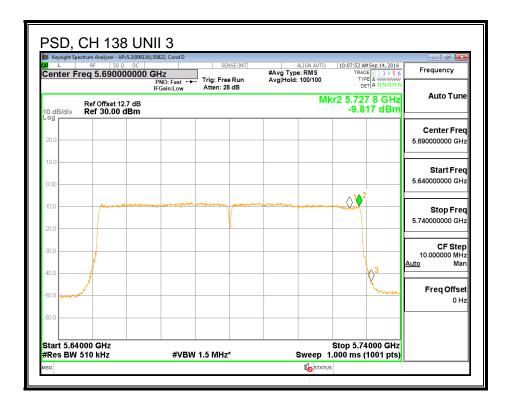
#### **OUTPUT POWER, CHAIN 1**

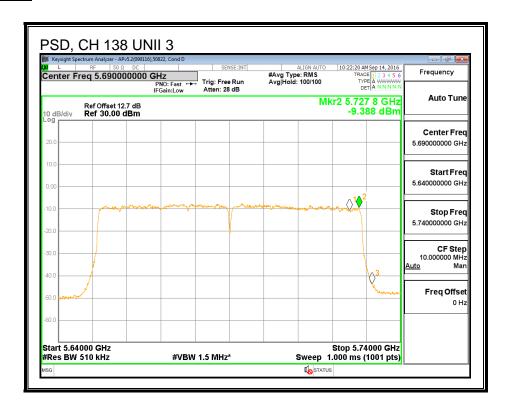


#### **OUTPUT POWER, CHAIN 2**









# 8.104.6. STRADDLE CHANNEL 138 RESULTS (IC)

#### **UNII-2C BAND**

# Bandwidth, Antenna Gain, and Limits

Channel	Frequency	Min	Directional	Directional	Power	PSD
		99%	Gain	Gain	Limit	Limit
		BW	for Power	for PSD		
	(MHz)	(MHz)	(dBi)	(dBi)	(dBm)	(dBm)
138	5690	72.970	5.98	5.98	24.00	11.00

Duty Cycle CF (dB) 0.18	Included in Calculations of Corr'd Power & PSD
-------------------------	--

# **Output Power Results**

I	Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	Power	Power
ı			Meas	Meas	Meas	Corr'd	Limit	Margin
			Power	Power	Power	Power		
		(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
ĺ	138	5690	12.00	11.91	12.03	16.93	24.00	-7.07

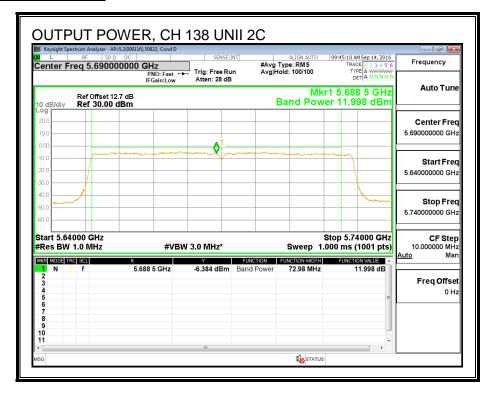
#### **PSD Results**

Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	PSD	PSD
		Meas	Meas	Meas	Corr'd	Limit	Margin
		PSD	PSD	PSD	PSD		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
138	5690	-4.58	-5.28	-4.96	0.02	11.00	-10.98

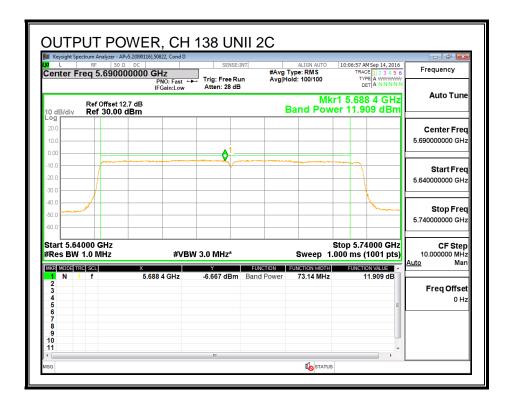
DATE: OCTOBER 13, 2016

IC: 579C-A1707

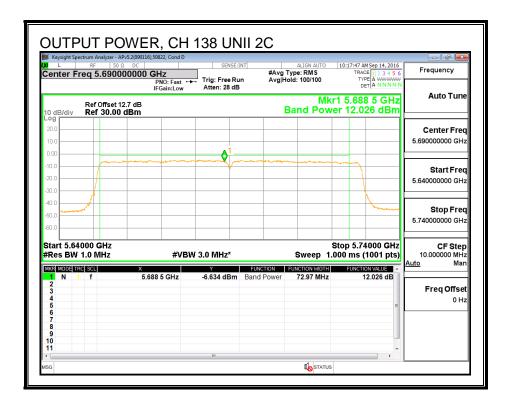
#### **OUTPUT POWER, CHAIN 0**

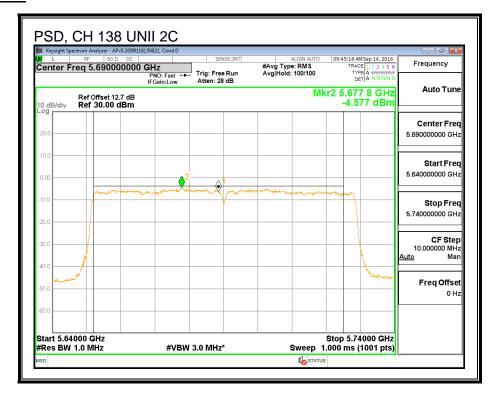


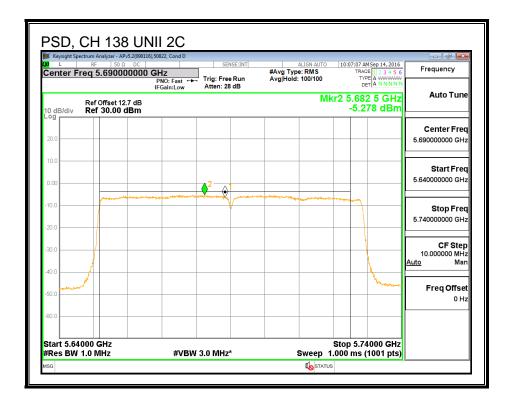
#### **OUTPUT POWER, CHAIN 1**

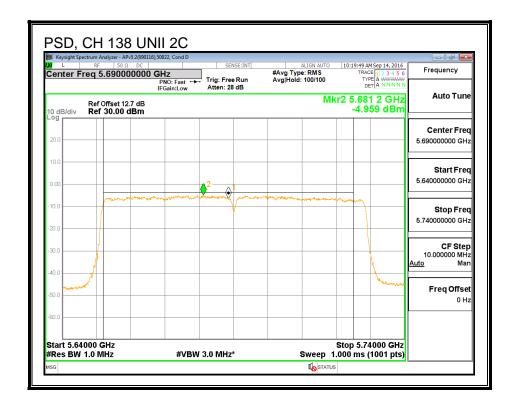


#### **OUTPUT POWER, CHAIN 2**









# **UNII-3 BAND**

#### **Antenna Gain and Limit**

Channel	Frequency	Min	Directional	Directional	Power	PSD
		99%	Gain	Gain	Limit	Limit
		BW	for Power	for PSD		
	(MHz)	(MHz)	(dBi)	(dBi)	(dBm)	(dBm)
138	5690	2.971	5.98	5.98	30.00	30.00

Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd Power & PSD
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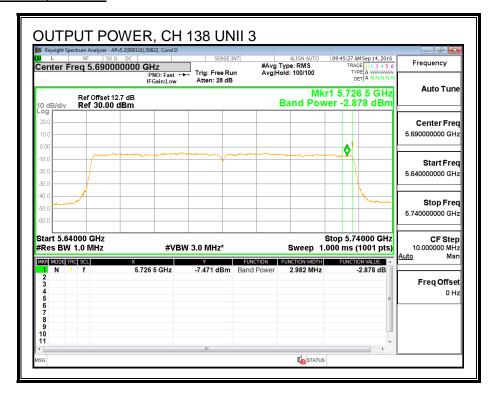
#### **Output Power Results**

Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	Power	Power
		Meas	Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
138	5690	-2.88	-3.00	-3.00	1.99	30.00	-28.01

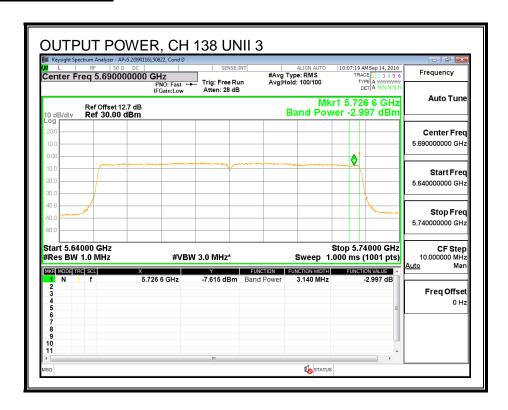
#### **PSD Results**

Channel	Frequency	Chain 0	Chain 1	Chain 2	Total	PSD	PSD
		Meas	Meas	Meas	Corr'd	Limit	Margin
		PSD	PSD	PSD	PSD		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
138	5690	-9.14	-9.82	-9.39	-4.49	30.00	-34.49

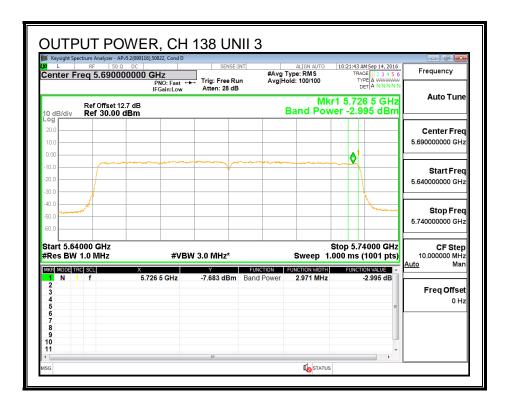
#### **OUTPUT POWER, CHAIN 0**

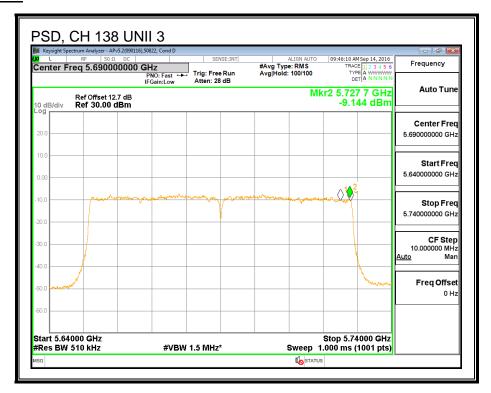


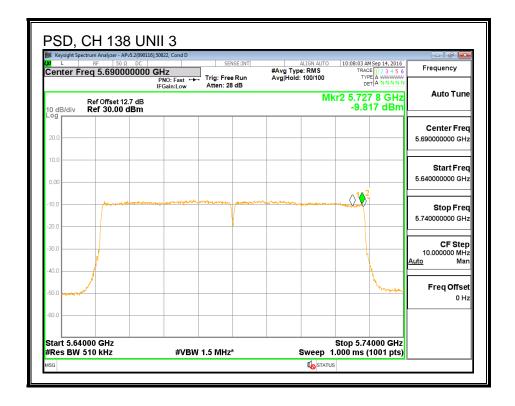
#### **OUTPUT POWER, CHAIN 1**



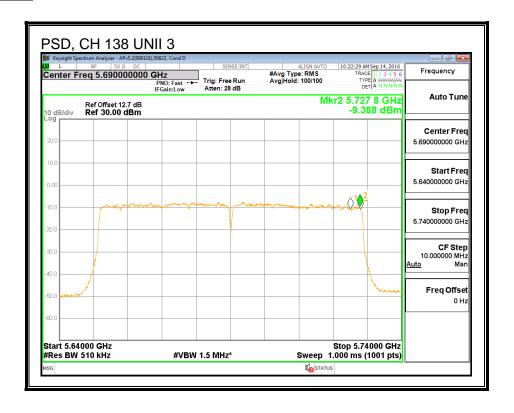
#### **OUTPUT POWER, CHAIN 2**







#### **PSD, CHAIN 2**



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# 8.104.7.6 dB BANDWIDTH

# **LIMITS**

FCC §15.407 (e)

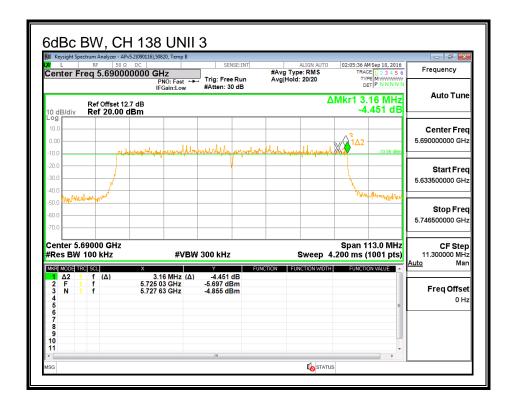
IC RSS-247 (6.2.4) (1)

The minimum 6 dB bandwidth shall be at least 500 kHz.

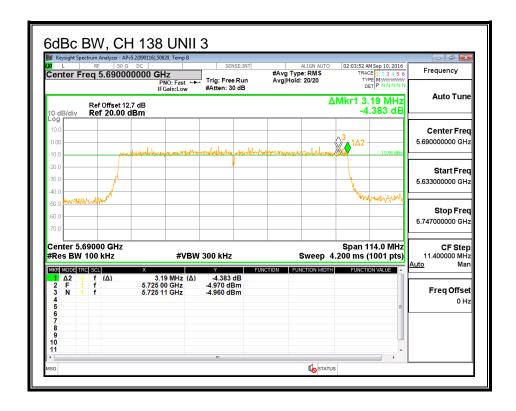
# **RESULTS**

Channel	Frequency	6 dB BW	6 dB BW	6 dB BW	
		Chain 0	Chain 1	Chain 2	
	(MHz)	(MHz)	(MHz)	(MHz)	
High	5690	3.16	3.19	3.08	

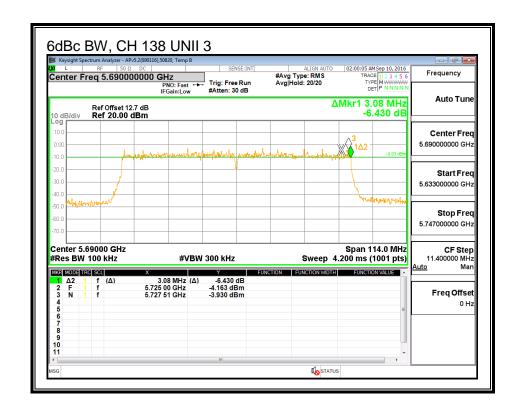
#### **CHAIN 0**



#### **CHAIN 1**



#### **CHAIN 2**



# 8.105. 802.11ac VHT80 3Tx BEAM FORMING MODE IN THE 5.6 GHz BAND (5610MHz for FCC only)

8.105.1.26 dB BANDWIDTH

# **LIMITS**

None; for reporting purposes only.

# **RESULTS**

Channel	Frequency	26 dB BW	26 dB BW	26 dB BW	
		Chain 0	Chain 1	Chain 2	
	(MHz)	(MHz)	(MHz)	(MHz)	
Low	5530	83.250	83.250	82.750	
Mid	5610	83.125	83.000	82.460	
High	5690	83.250	82.875	82.212	

