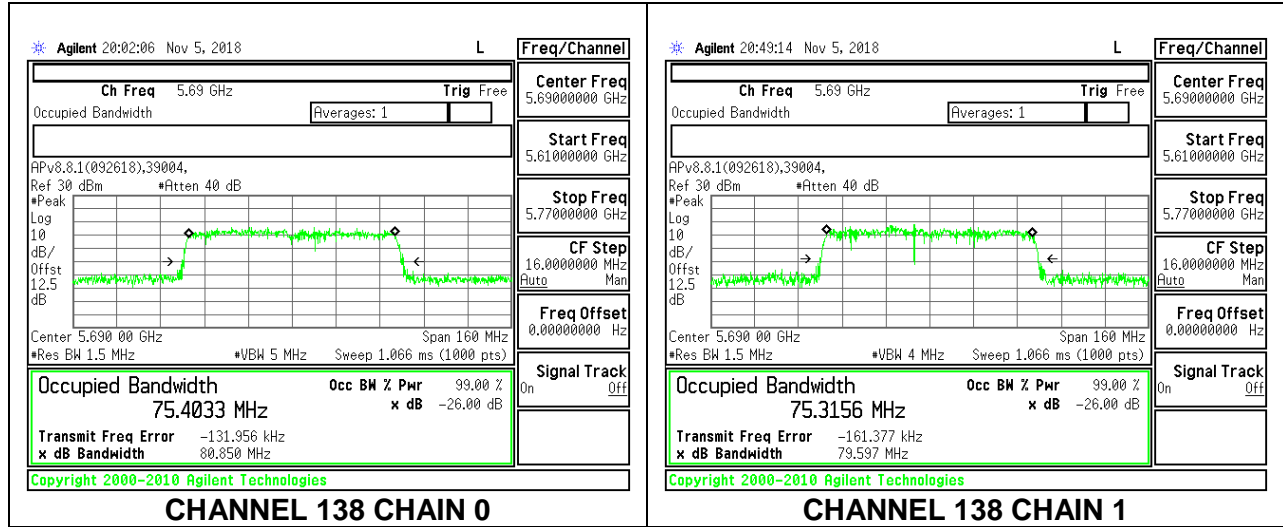


**CHANNEL 138**

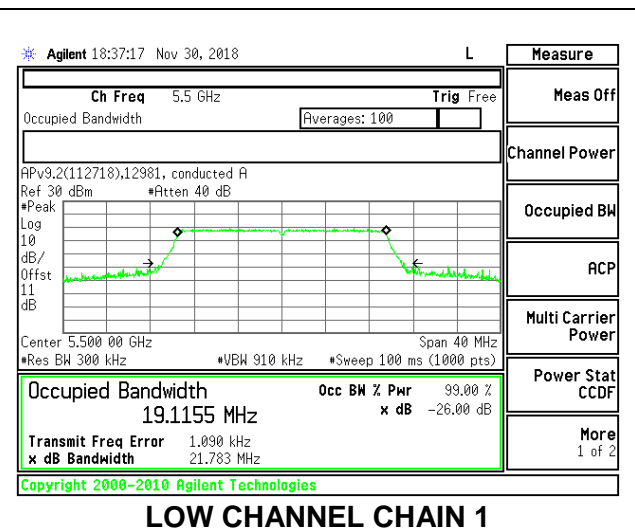
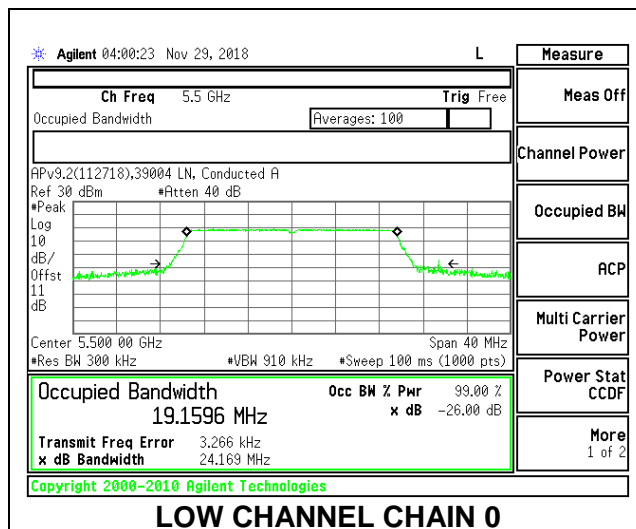


### 9.3.19. 802.11ax HE20 MODE IN THE 5.6 GHz BAND

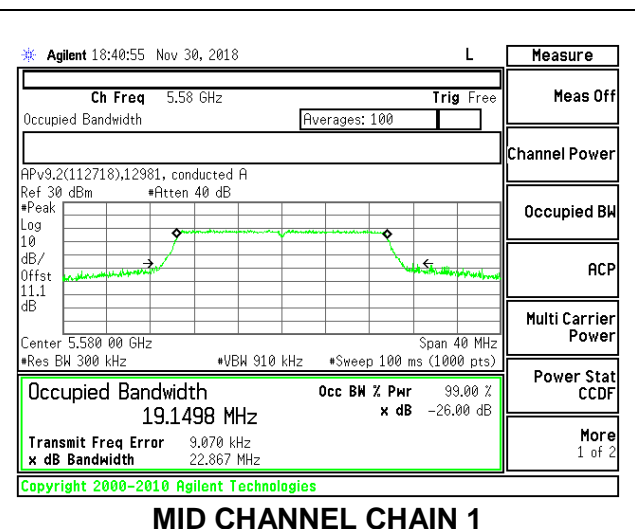
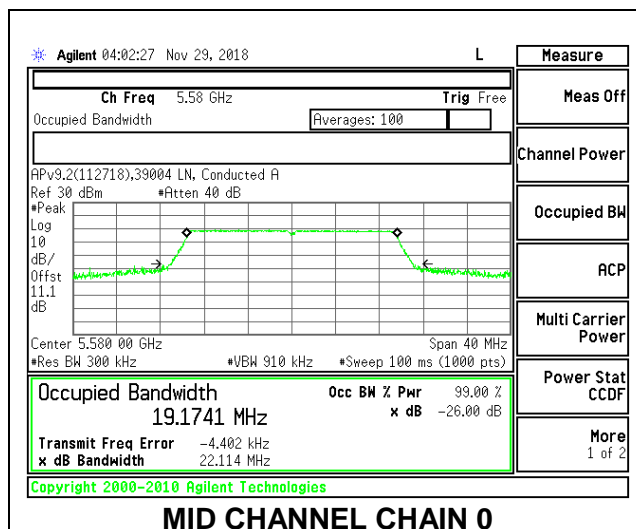
#### 2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 61

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)
Low	5500	19.1596	19.1155
Mid	5580	19.1741	19.1498
High	5700	19.1598	19.1694
144	5720	19.1621	19.1906

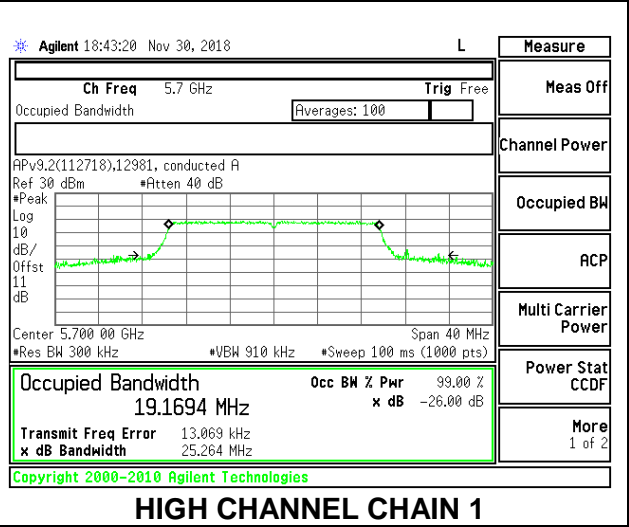
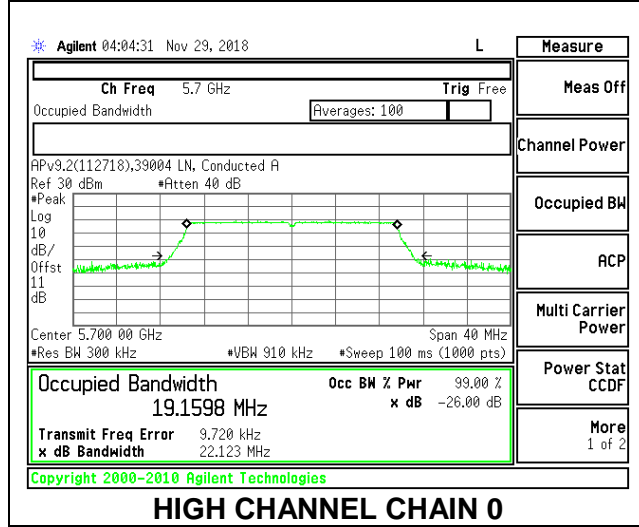
#### LOW CHANNEL



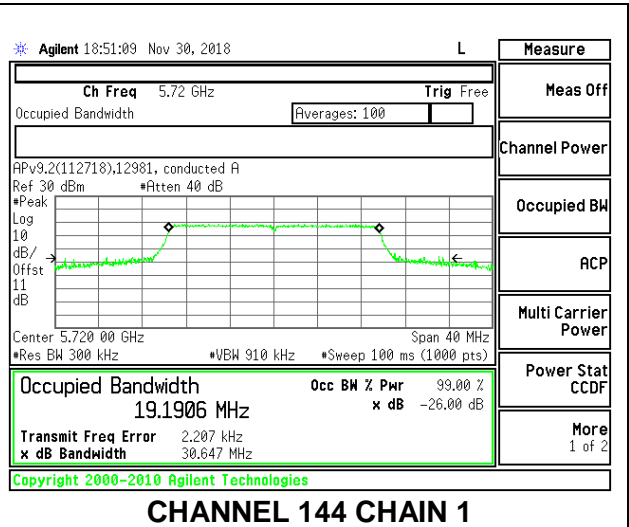
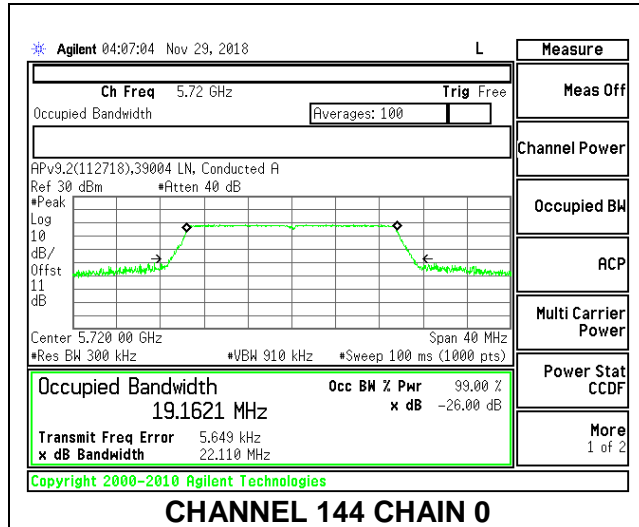
#### MID CHANNEL



### HIGH CHANNEL



### CHANNEL 144

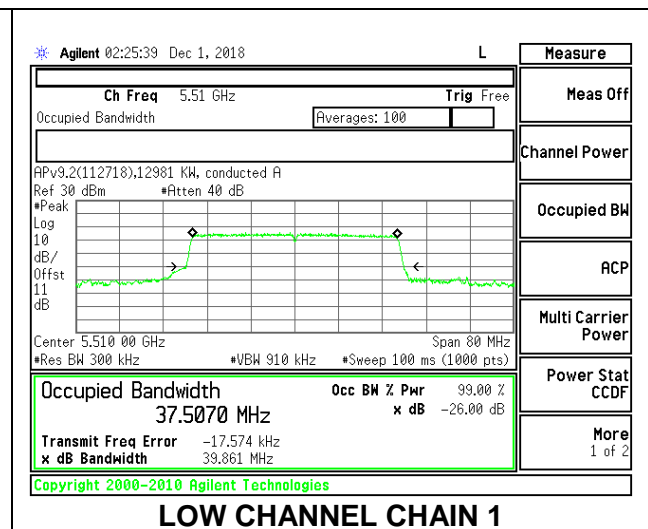
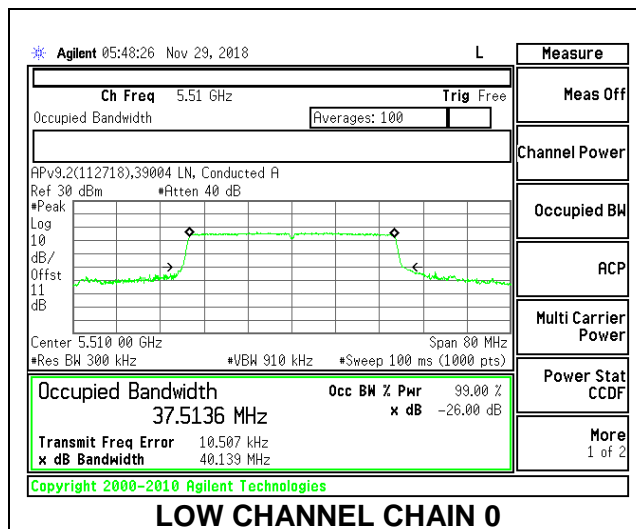


### 9.3.20. 802.11ax HE40 MODE IN THE 5.6 GHz BAND

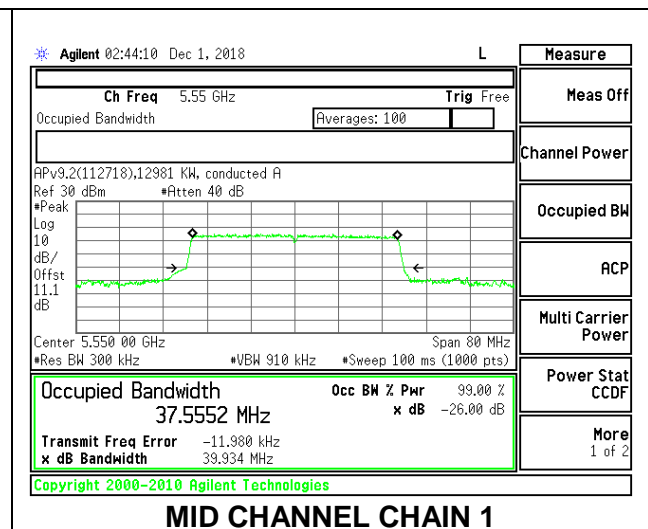
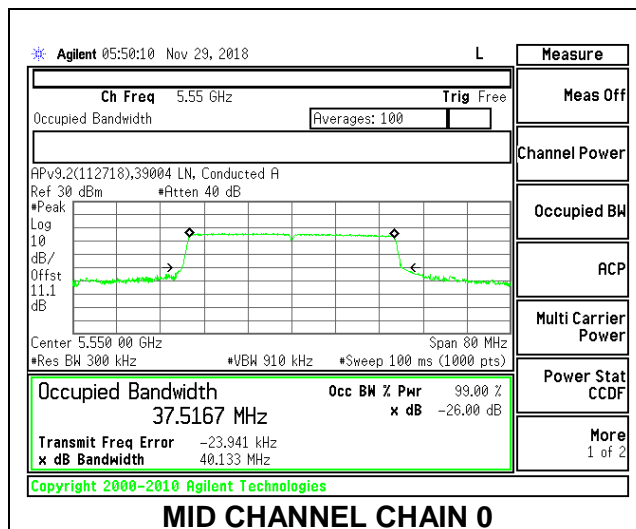
#### 2TX Antenna 1 + Antenna 2 OFDMA MODE – 484-Tones, RU Index 65

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)
Low	5510	37.5136	37.5070
Mid	5550	37.5167	37.5552
High	5670	37.5348	37.5503
142	5710	37.5262	37.5371

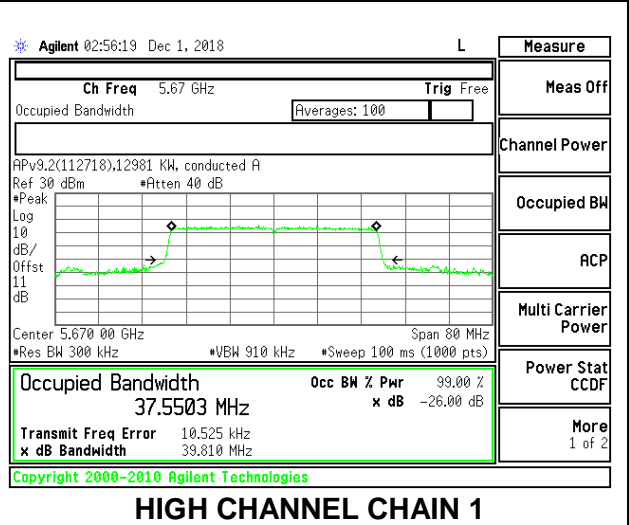
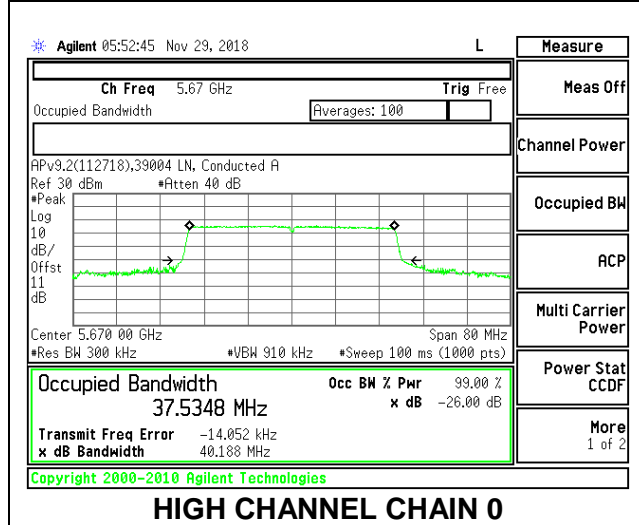
#### LOW CHANNEL



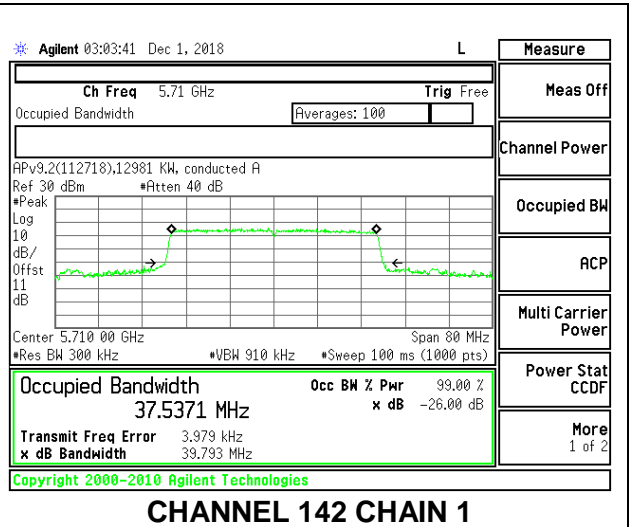
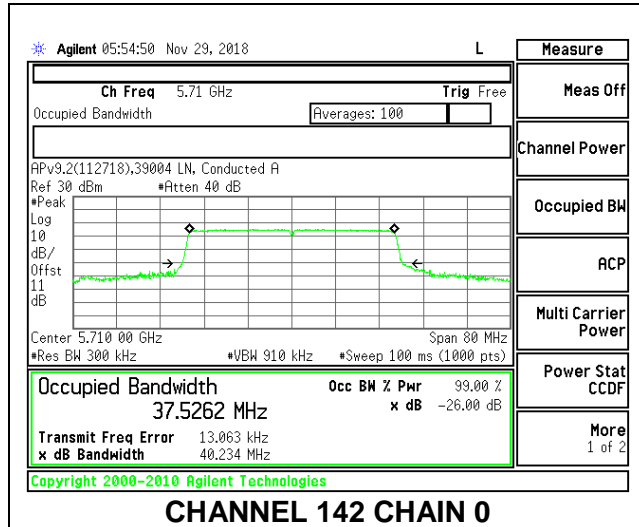
#### MID CHANNEL



### HIGH CHANNEL



### CHANNEL 142

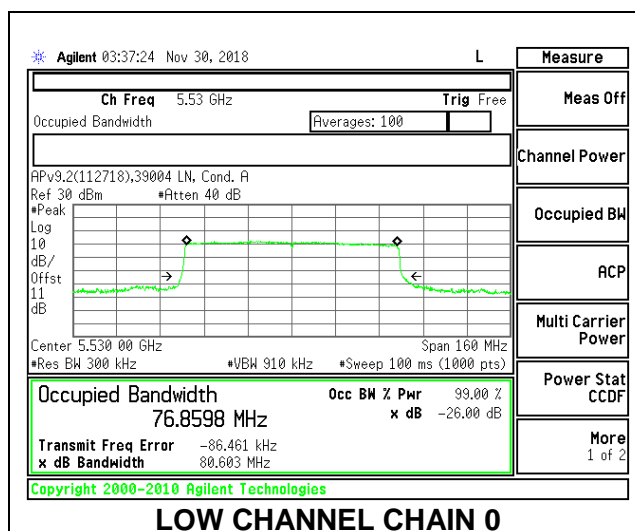


### 9.3.21. 802.11ax HE80 MODE IN THE 5.6 GHz BAND

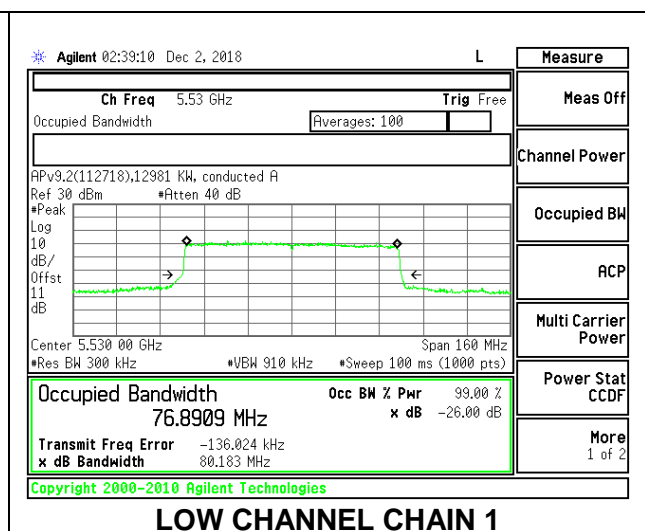
#### 2TX Antenna 1 + Antenna 2 OFDMA MODE – 996-Tones, RU Index 67

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)
Low	5530	76.8598	76.8909
High	5610	76.9617	76.8869
138	5690	76.9804	76.9350

#### LOW CHANNEL

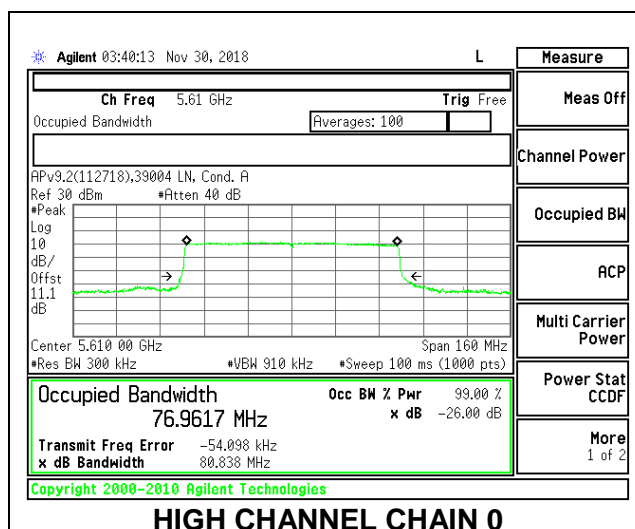


LOW CHANNEL CHAIN 0

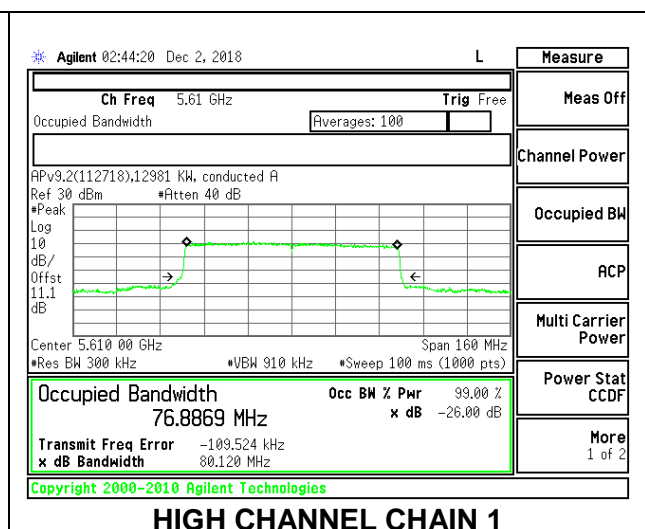


LOW CHANNEL CHAIN 1

#### HIGH CHANNEL

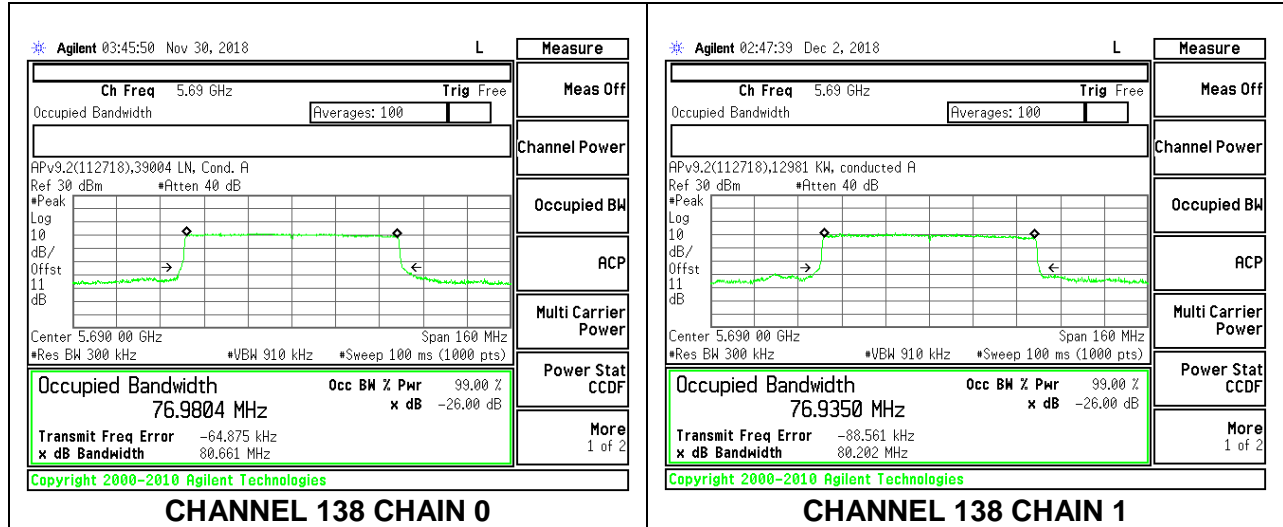


HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

**CHANNEL 138**

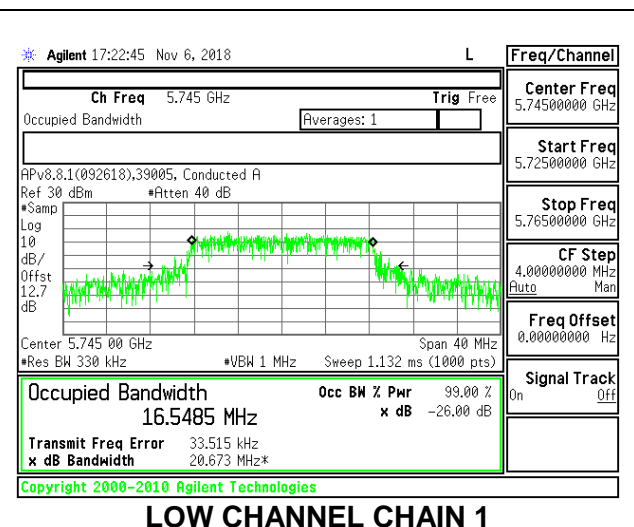
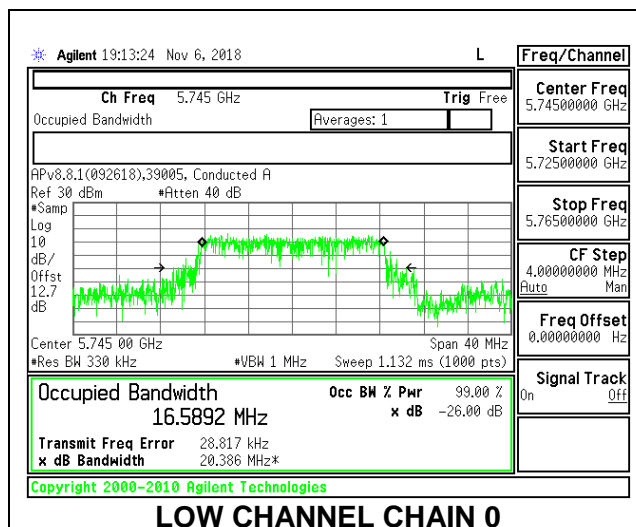


**9.3.22. 802.11a MODE IN THE 5.8 GHz BAND**

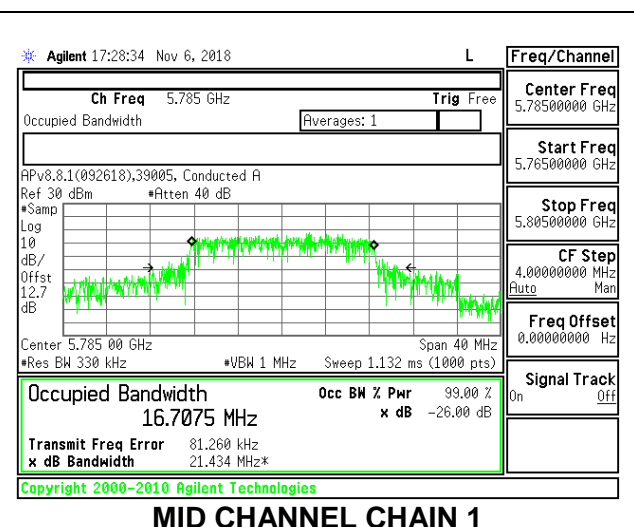
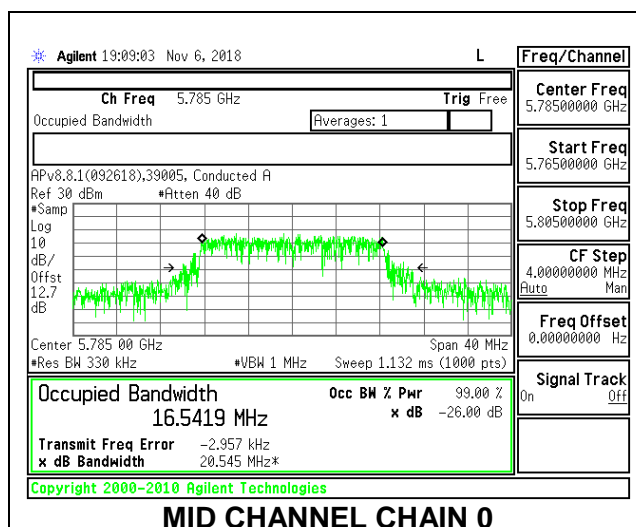
**2TX Antenna 1 + Antenna 2 CDD MODE**

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)
Low	5745	16.589	16.548
Mid	5785	16.542	16.707
High	5825	16.558	16.550

**LOW CHANNEL**

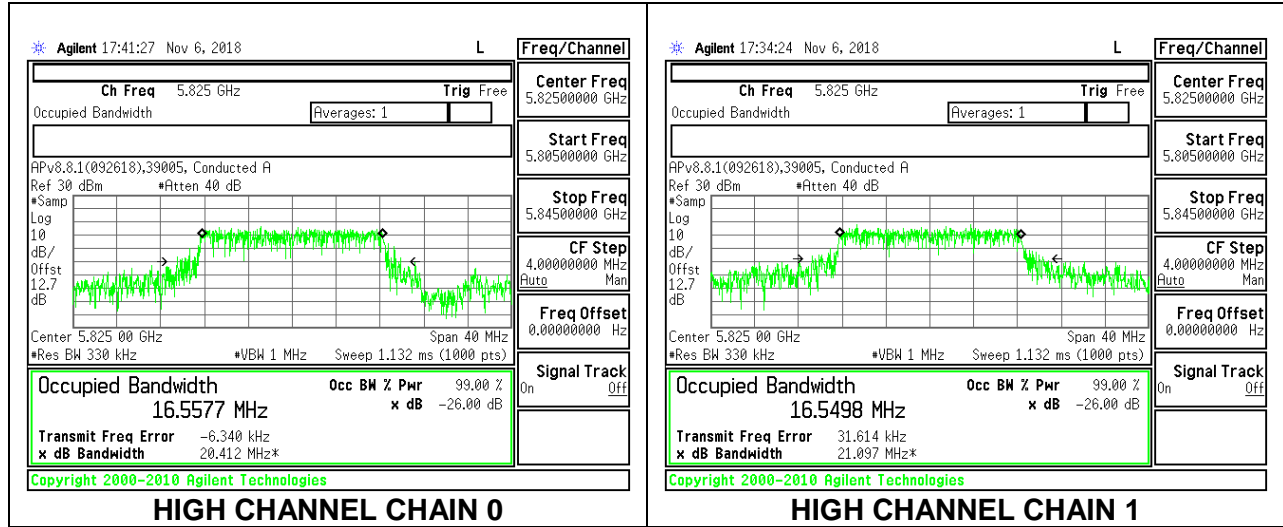


**MID CHANNEL**





**HIGH CHANNEL**

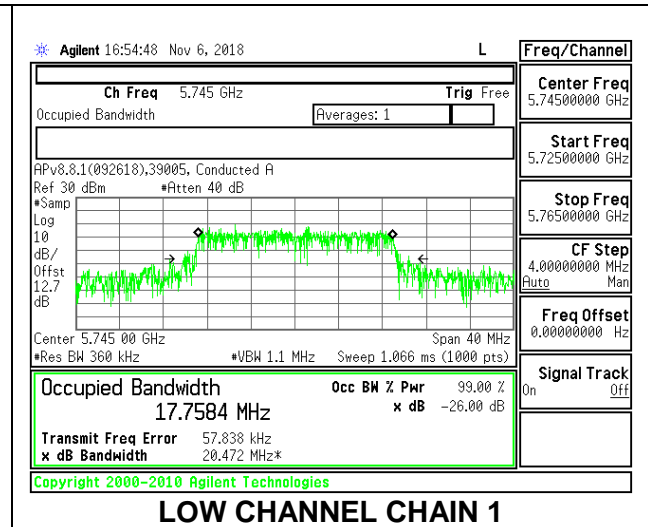
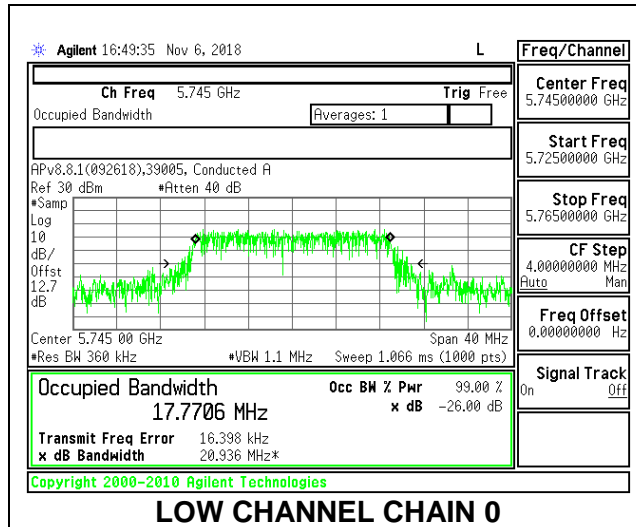


**9.3.23. 802.11n HT20 MODE IN THE 5.8 GHz BAND**

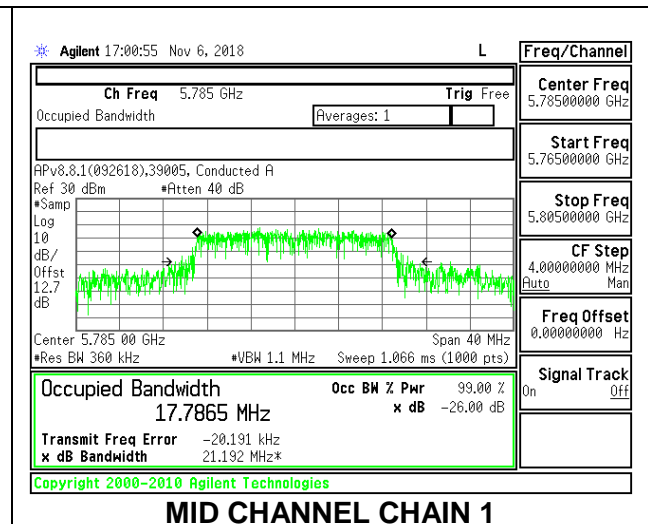
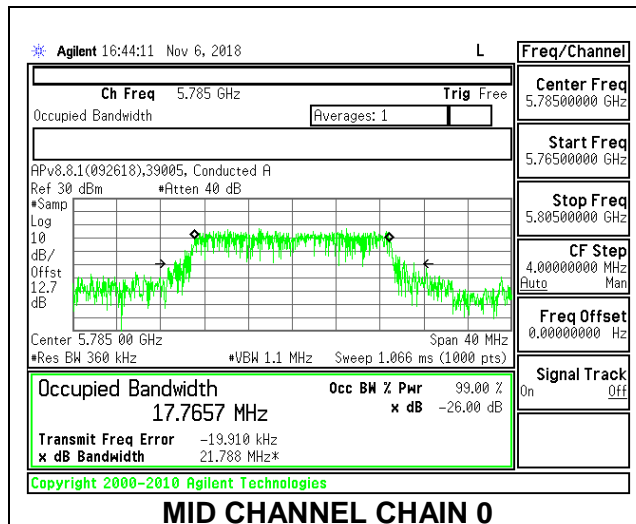
**2TX Antenna 1 + Antenna 2 CDD MODE**

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)
Low	5745	17.771	17.758
Mid	5785	17.766	17.787
High	5825	17.827	17.779

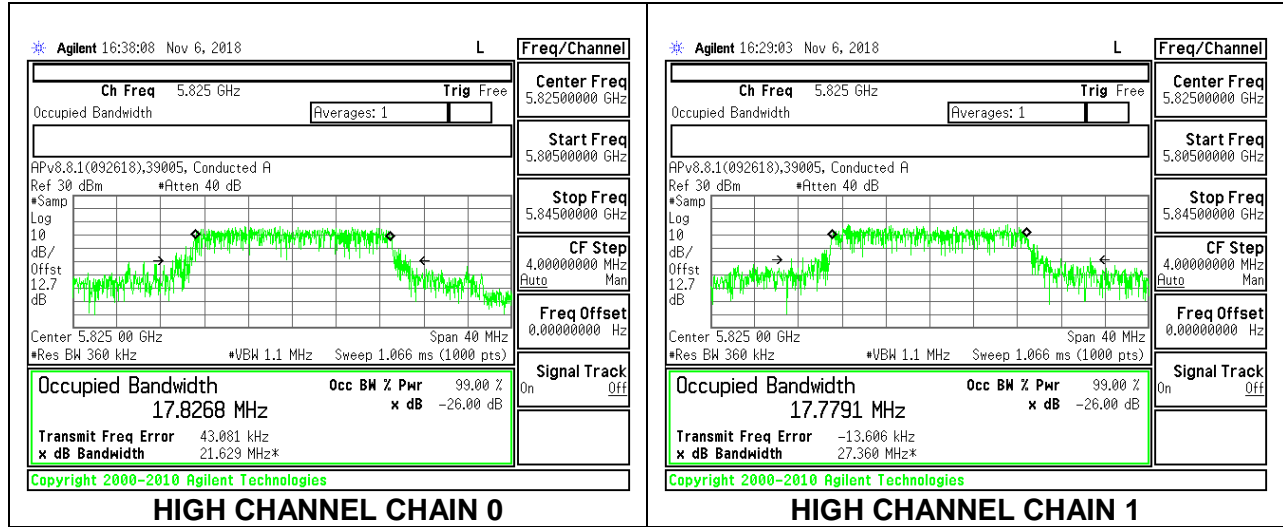
**LOW CHANNEL**



**MID CHANNEL**



**HIGH CHANNEL**

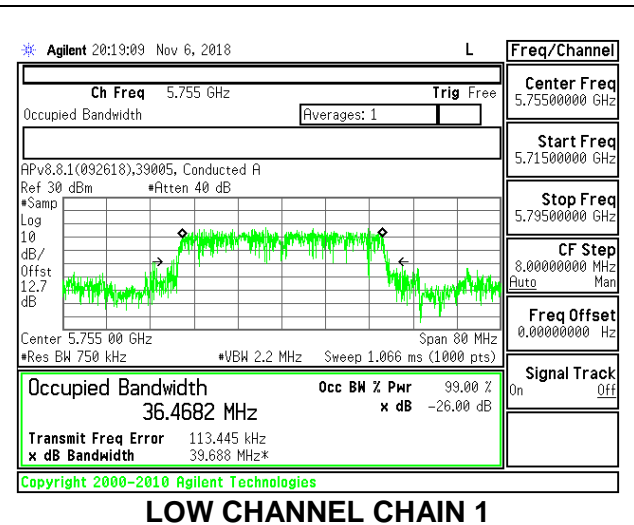
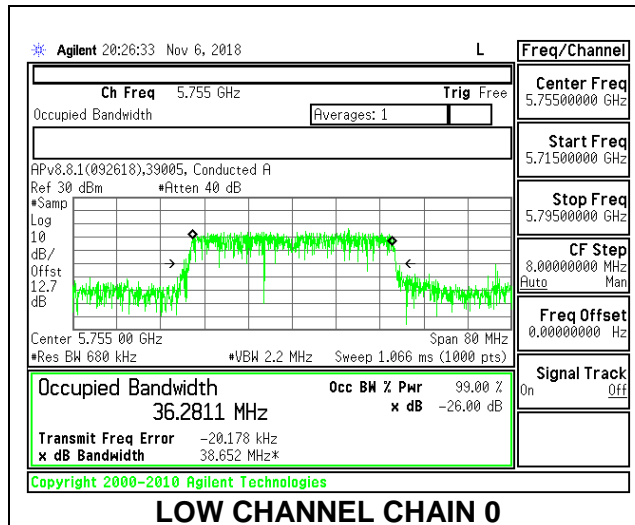


### 9.3.24. 802.11n HT40 MODE IN THE 5.8 GHz BAND

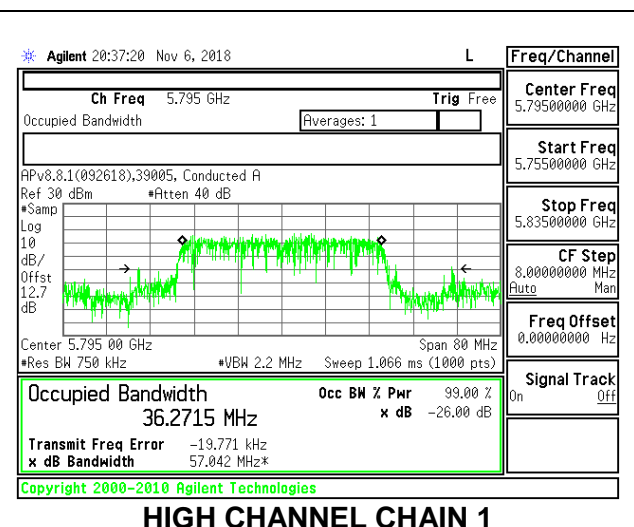
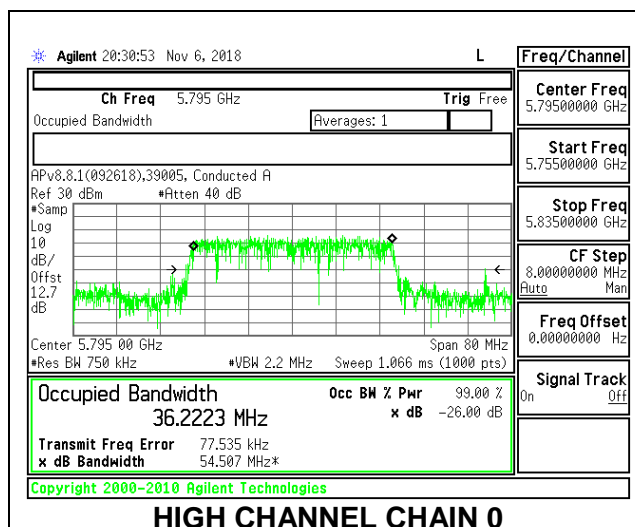
#### 2TX Antenna 1 + Antenna 2 CDD MODE

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)
Low	5755	36.281	36.468
High	5795	36.222	36.272

#### LOW CHANNEL



#### HIGH CHANNEL

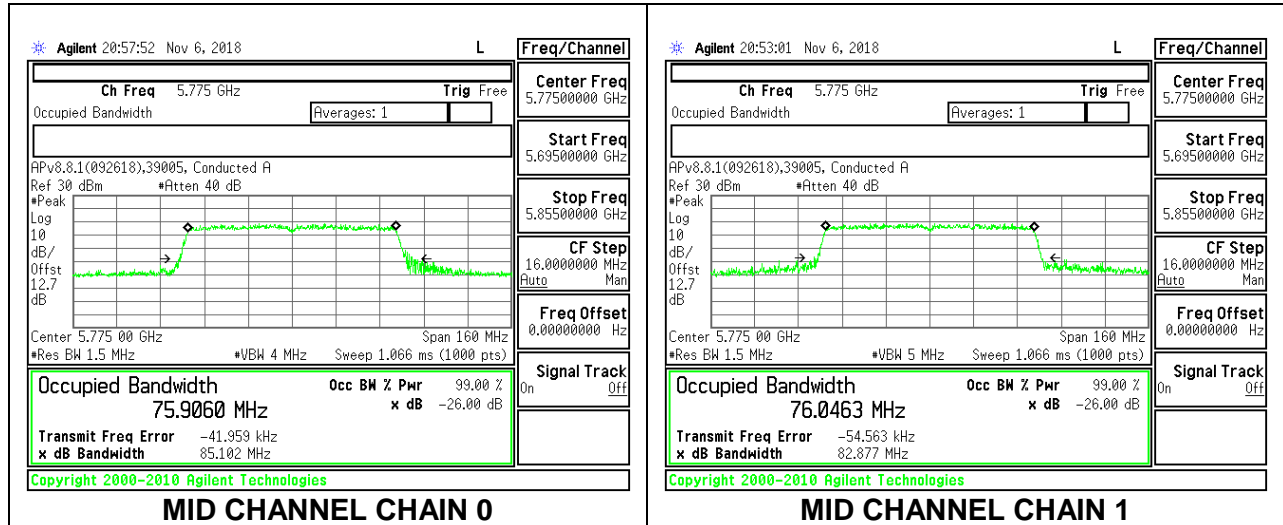


**9.3.25. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND**

**2TX Antenna 1 + Antenna 2 CDD MODE**

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)
Mid	5775	75.906	76.046

**MID CHANNEL**

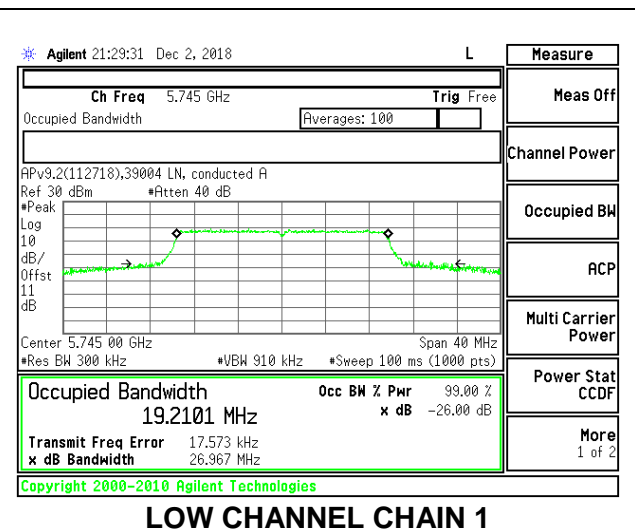
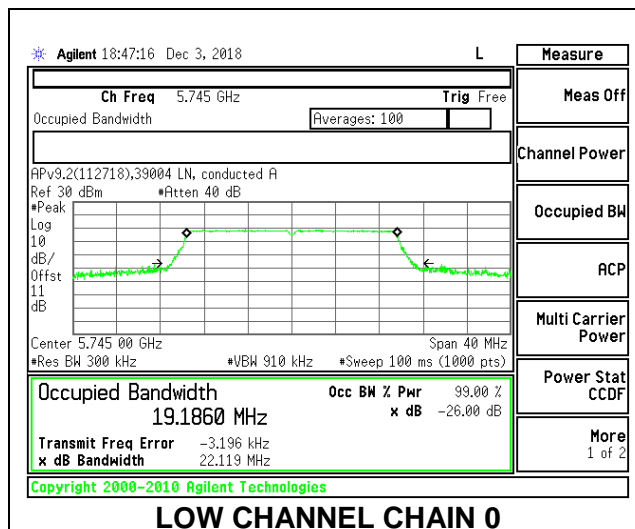


**9.3.26. 802.11ax HE20 MODE IN THE 5.8 GHz BAND**

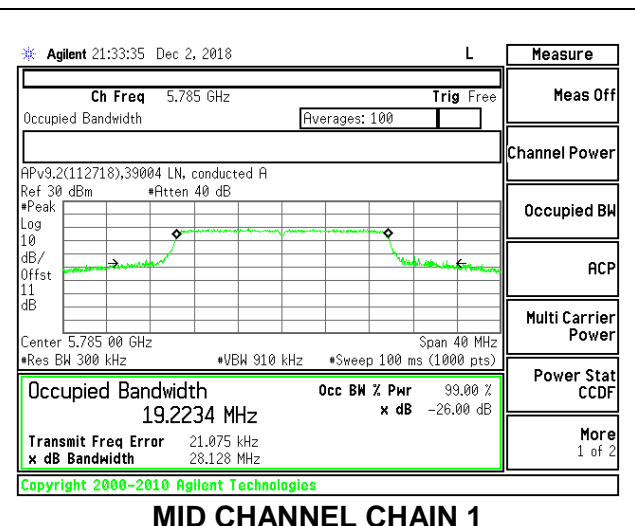
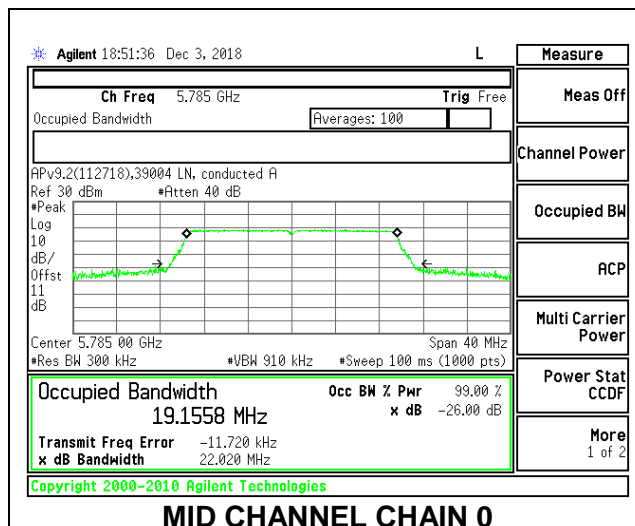
**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 61**

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)
Low	5745	19.1860	19.2101
Mid	5785	19.1558	19.2234
High	5825	19.2006	19.2290

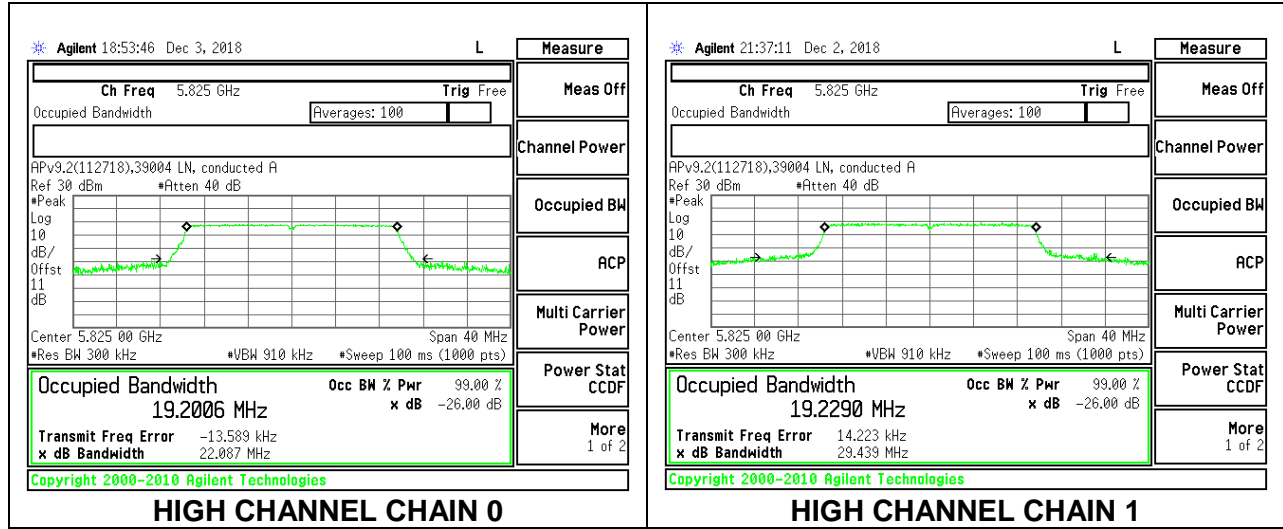
**LOW CHANNEL**



**MID CHANNEL**



**HIGH CHANNEL**

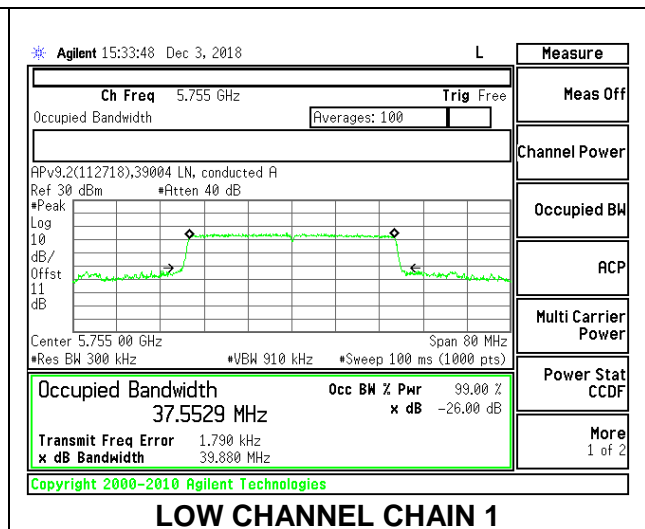
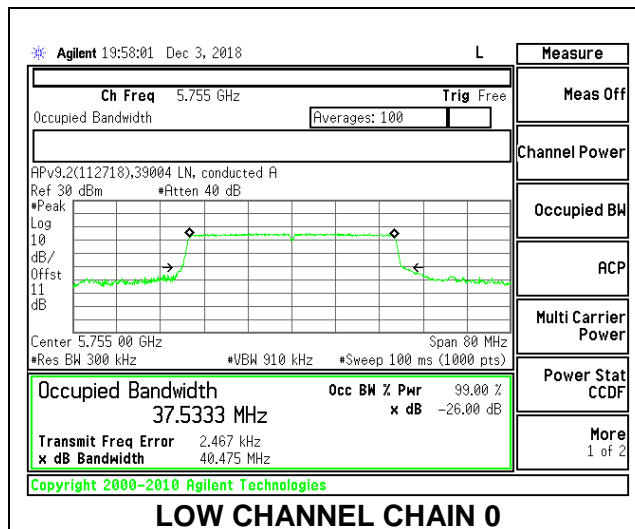


### 9.3.27. 802.11ax HE40 MODE IN THE 5.8 GHz BAND

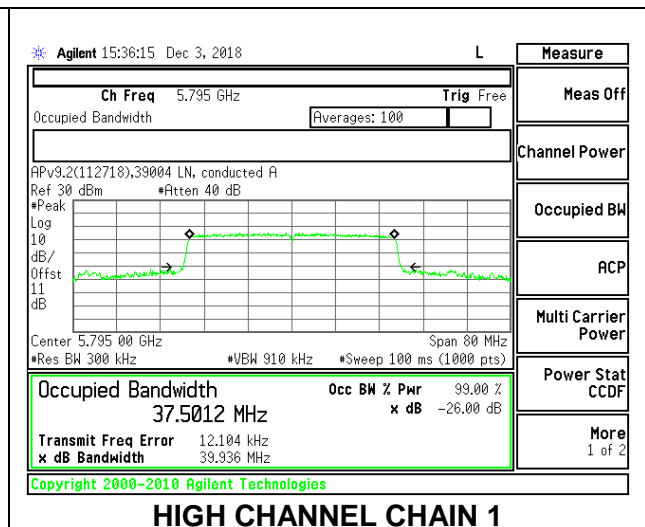
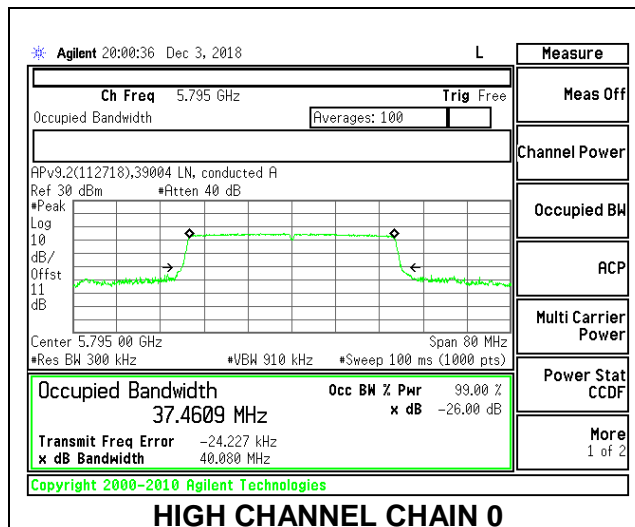
#### 2TX Antenna 1 + Antenna 2 OFDMA MODE – 484-Tones, RU Index 65

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)
Low	5755	37.5333	37.5529
High	5795	37.4609	37.5012

#### LOW CHANNEL



#### HIGH CHANNEL



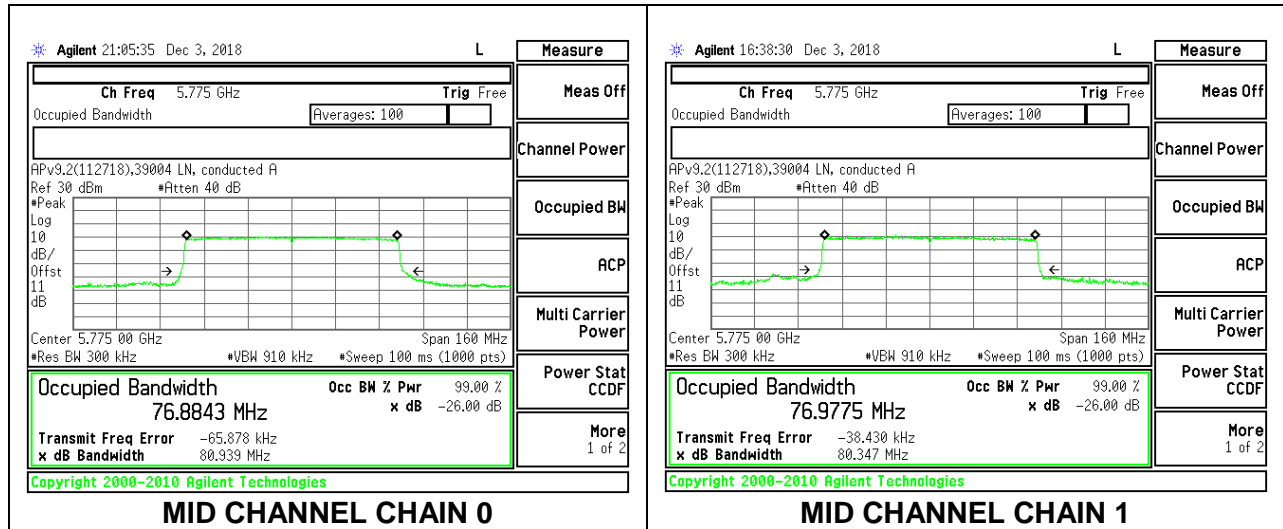


**9.3.28. 802.11ax HE80 MODE IN THE 5.8 GHz BAND**

**2TX Antenna 1 + Antenna 2 OFDMA MODE – 996-Tones, RU Index 67**

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)
Mid	5775	76.8843	76.9775

**MID CHANNEL**



## **9.4. 6 dB BANDWIDTH**

### **LIMITS**

FCC §15.407 (e)

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

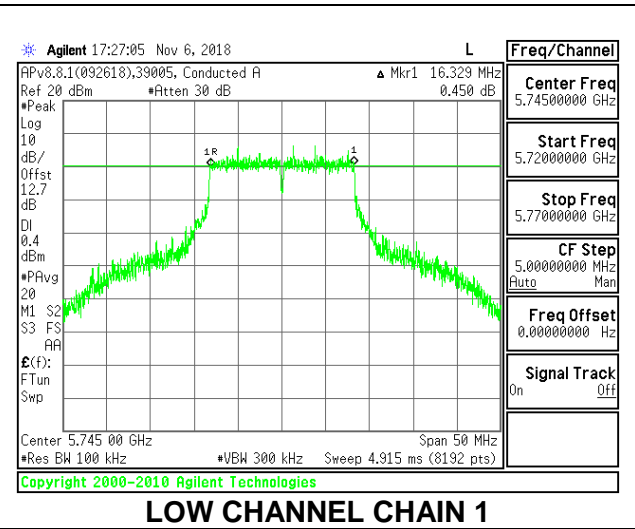
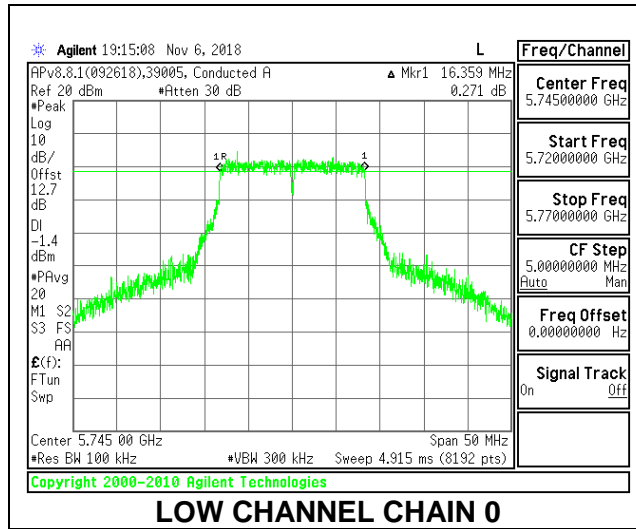
### **RESULTS**

### 9.4.1. 802.11a MODE IN THE 5.8 GHz BAND

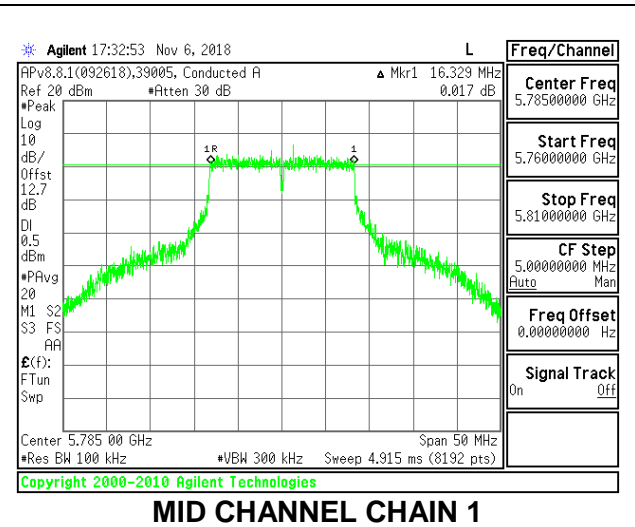
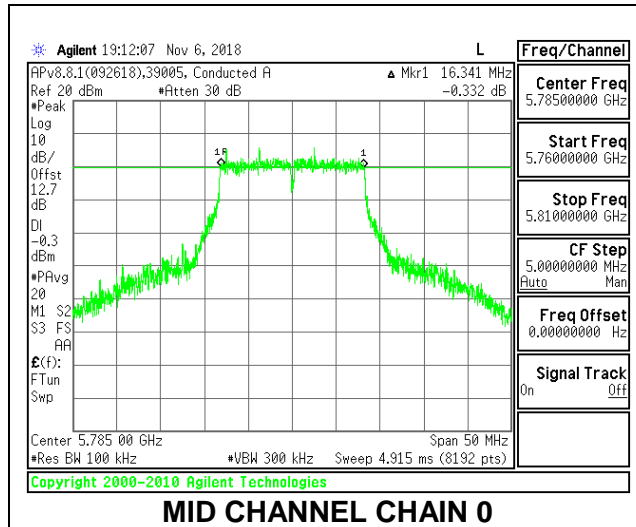
#### 2TX Antenna 1 + Antenna 2 CDD MODE

Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Low	5745	16.359	16.329	0.5
Mid	5785	16.341	16.329	0.5
High	5825	16.329	16.341	0.5
144	5720	3.219	3.195	0.5

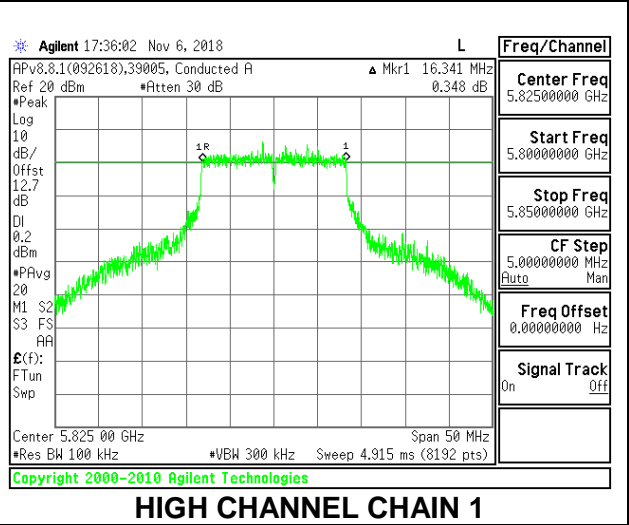
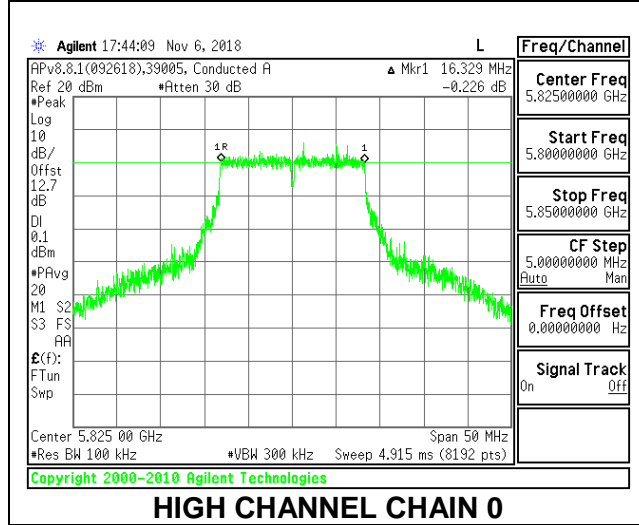
#### LOW CHANNEL



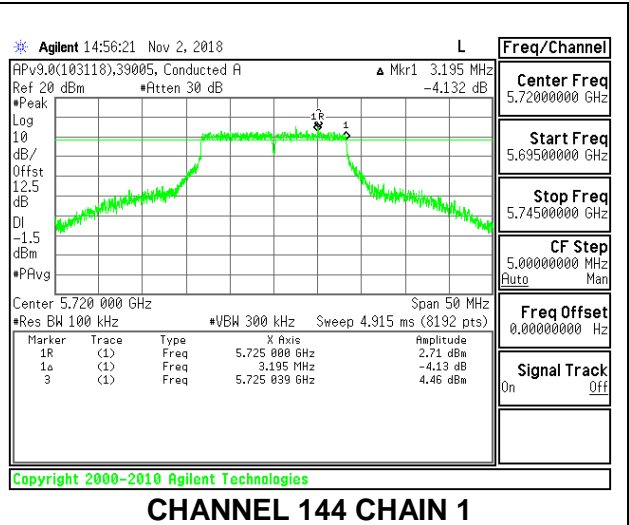
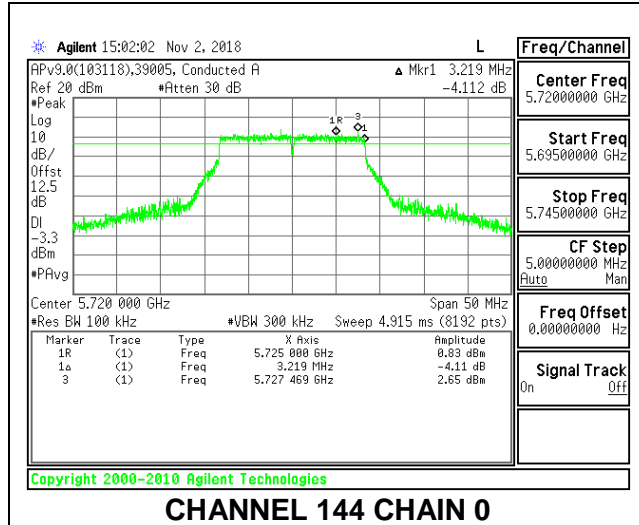
#### MID CHANNEL



**HIGH CHANNEL**



**CHANNEL 144**

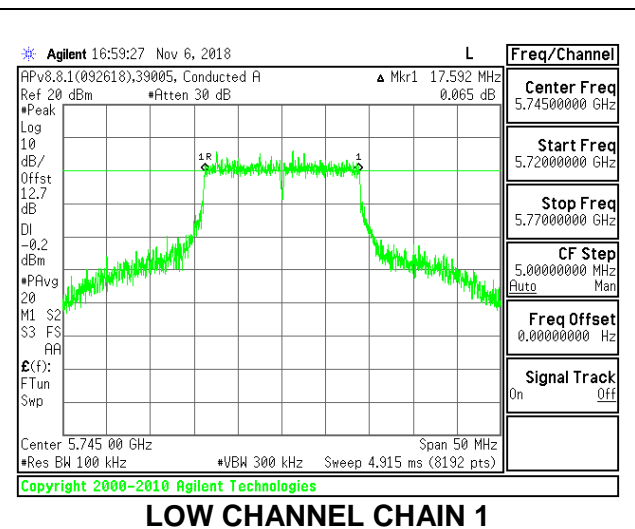
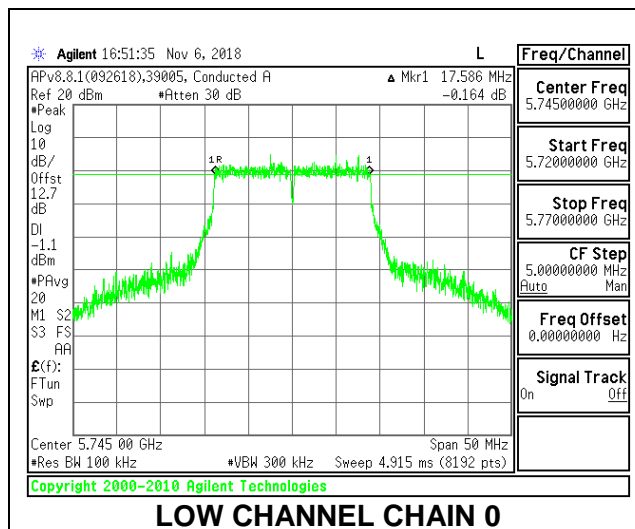


### 9.4.2. 802.11n HT20 MODE IN THE 5.8 GHz BAND

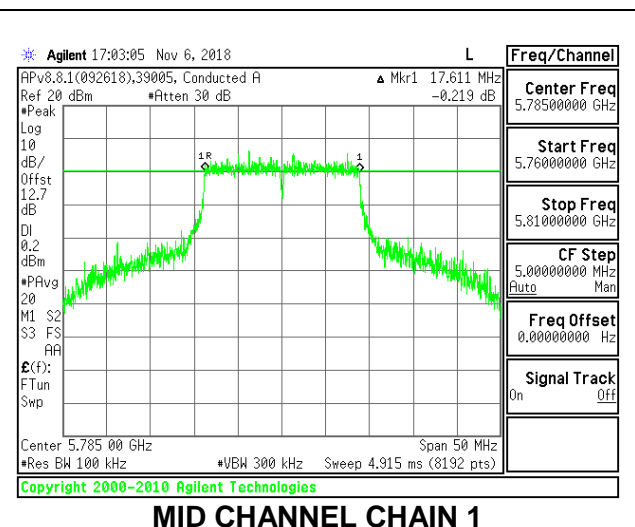
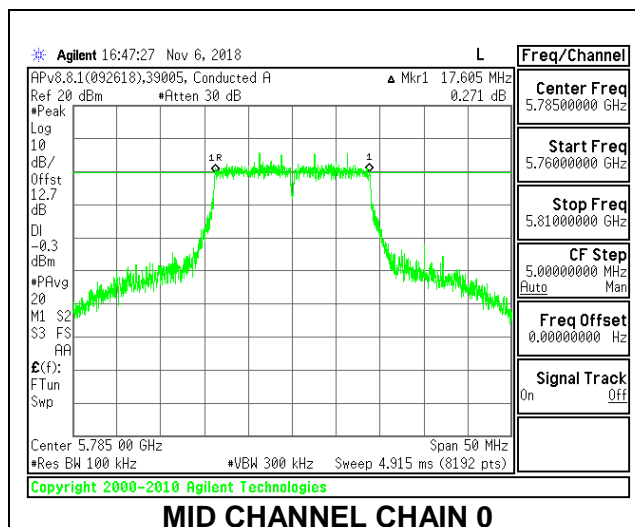
#### 2TX Antenna 1 + Antenna 2 CDD MODE

Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Low	5745	17.586	17.592	0.5
Mid	5785	17.605	17.611	0.5
High	5825	17.580	17.568	0.5
144	5720	3.915	3.830	0.5

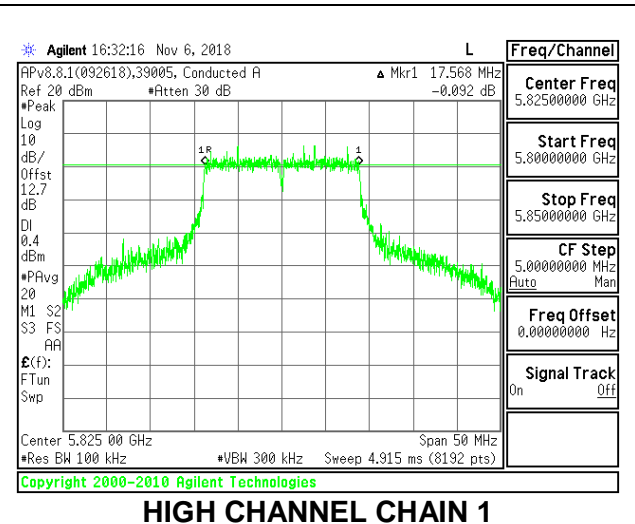
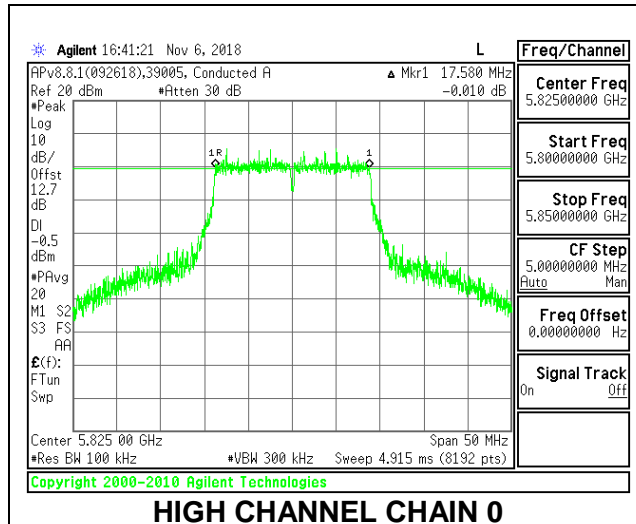
#### LOW CHANNEL



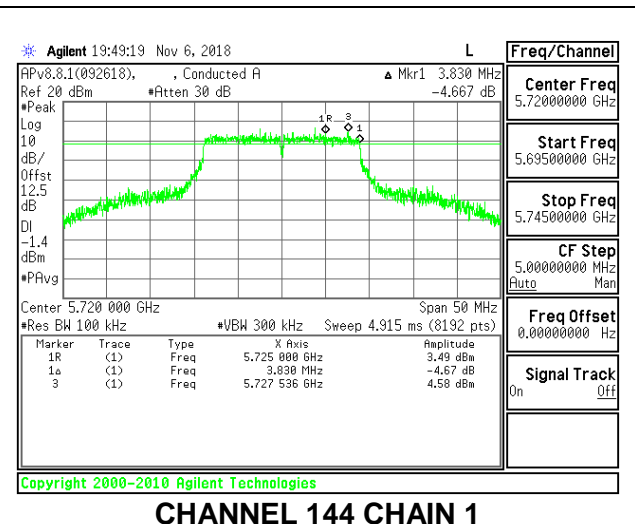
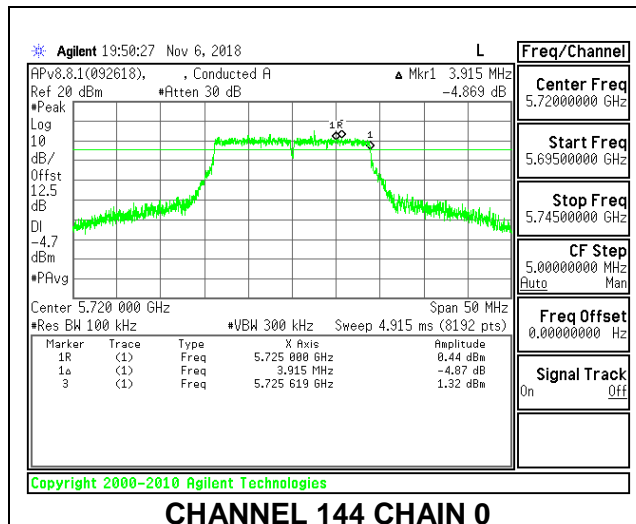
#### MID CHANNEL



### HIGH CHANNEL



### CHANNEL 144

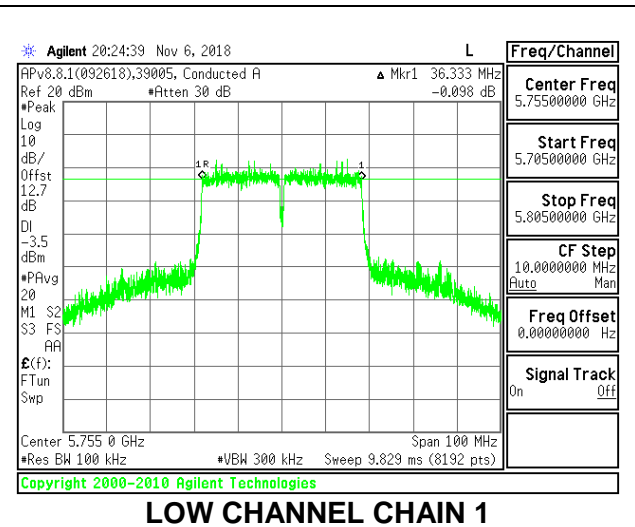
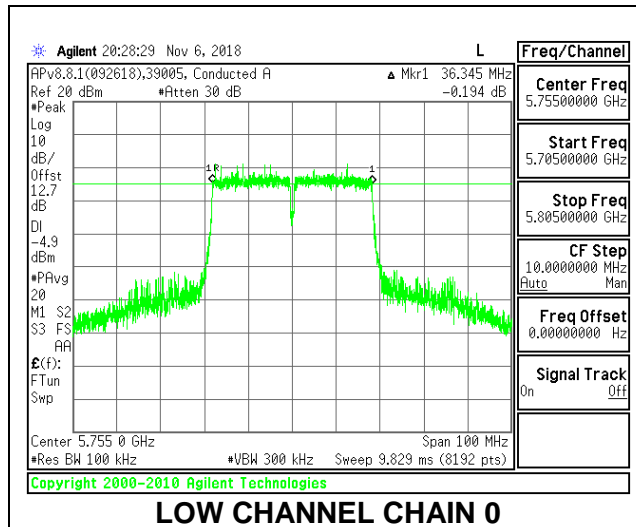


**9.4.3. 802.11n HT40 MODE IN THE 5.8 GHz BAND**

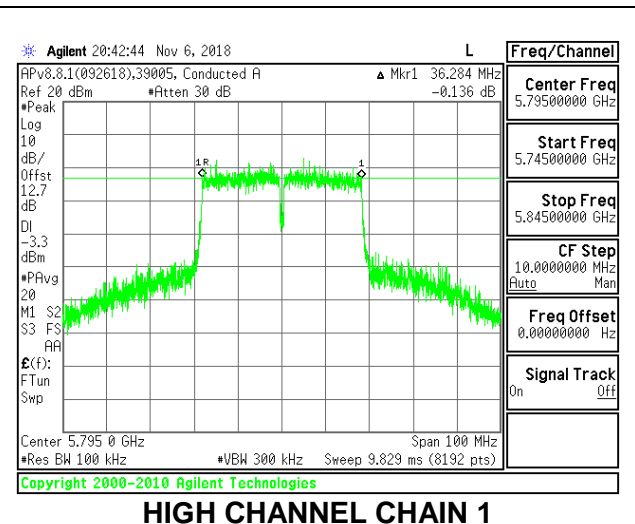
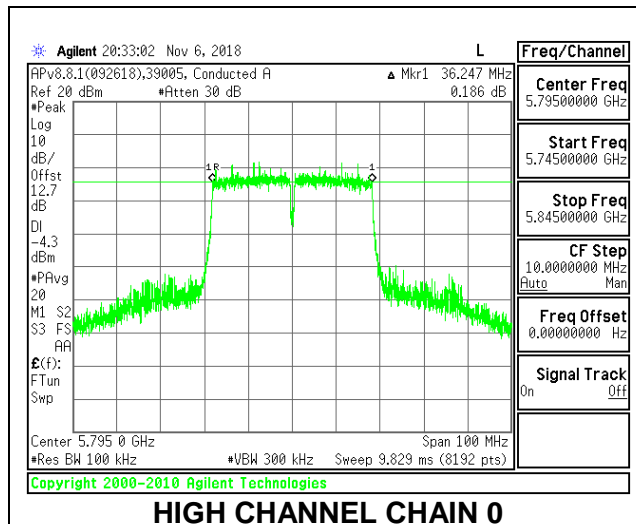
**2TX Antenna 1 + Antenna 2 CDD MODE**

Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Low	5755	36.3450	36.3330	0.5
High	5795	36.2470	36.2840	0.5
142	5710	3.2090	3.1720	0.5

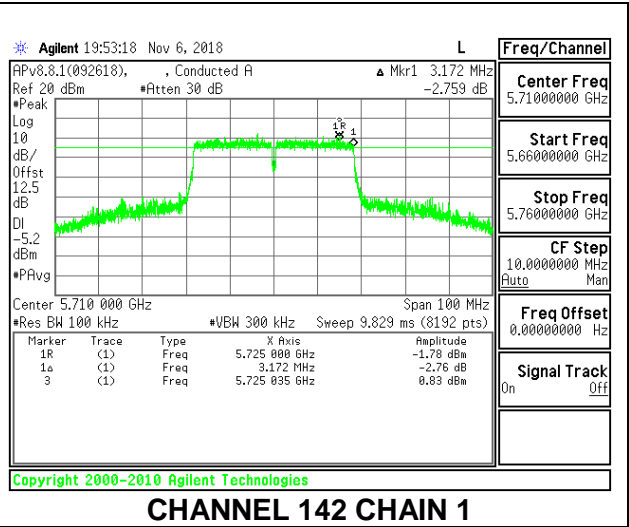
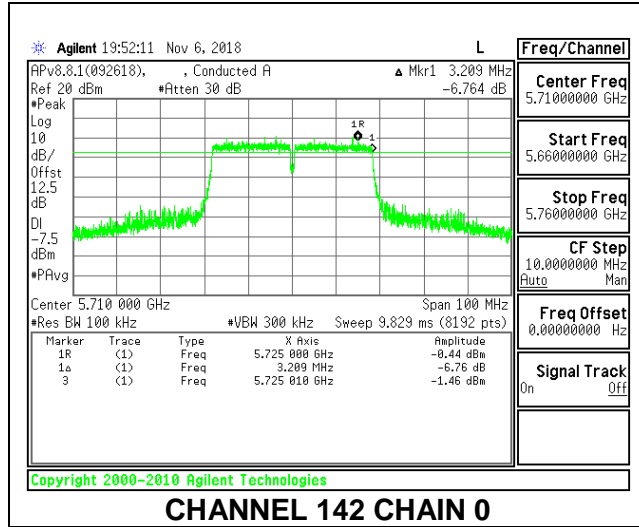
**LOW CHANNEL**



**HIGH CHANNEL**



**CHANNEL 142**



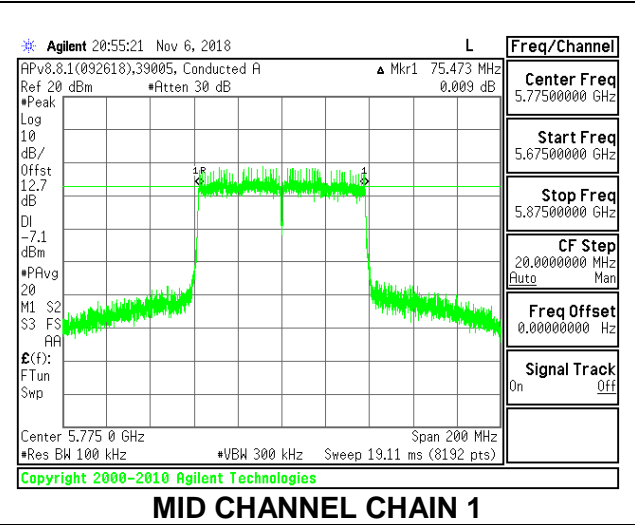
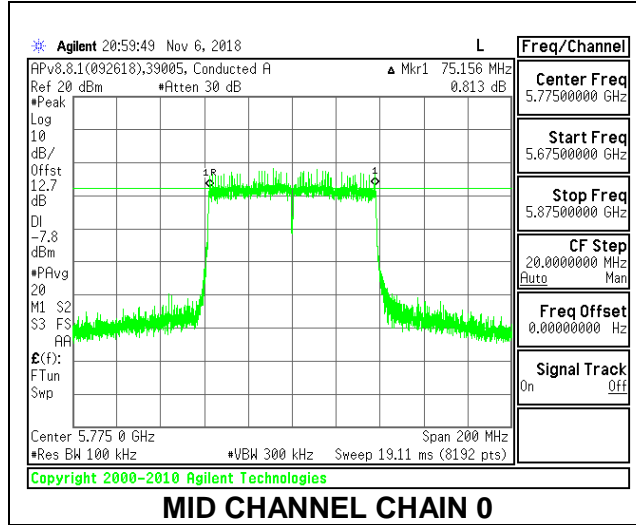


**9.4.4. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND**

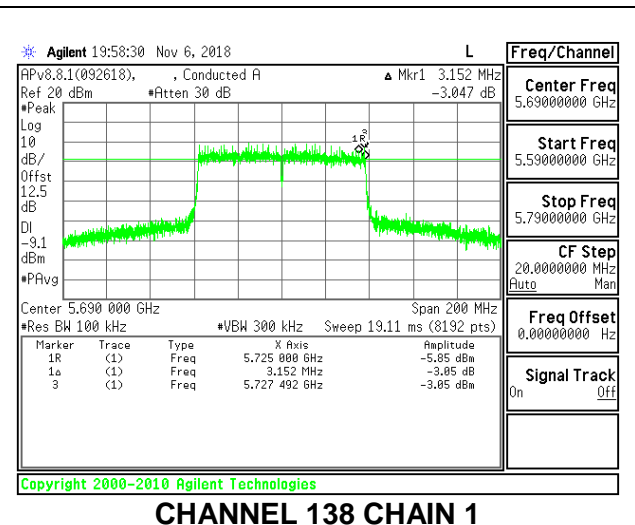
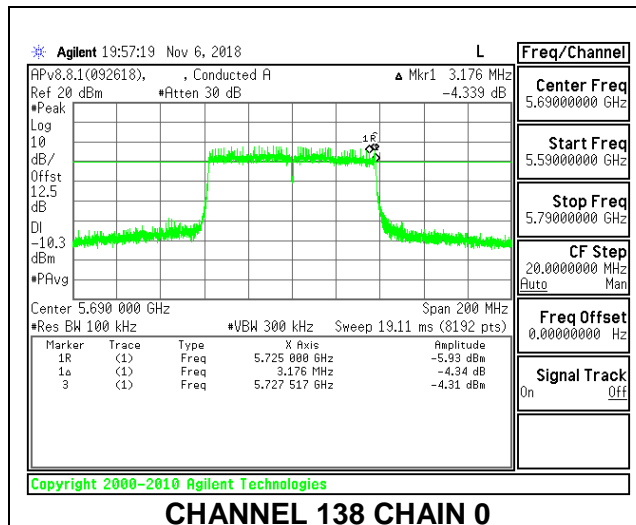
**2TX Antenna 1 + Antenna 2 CDD MODE**

Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Mid	5775	75.156	75.473	0.5
138	5690	3.1760	3.1520	0.5

**MID CHANNEL**



**CHANNEL 138**

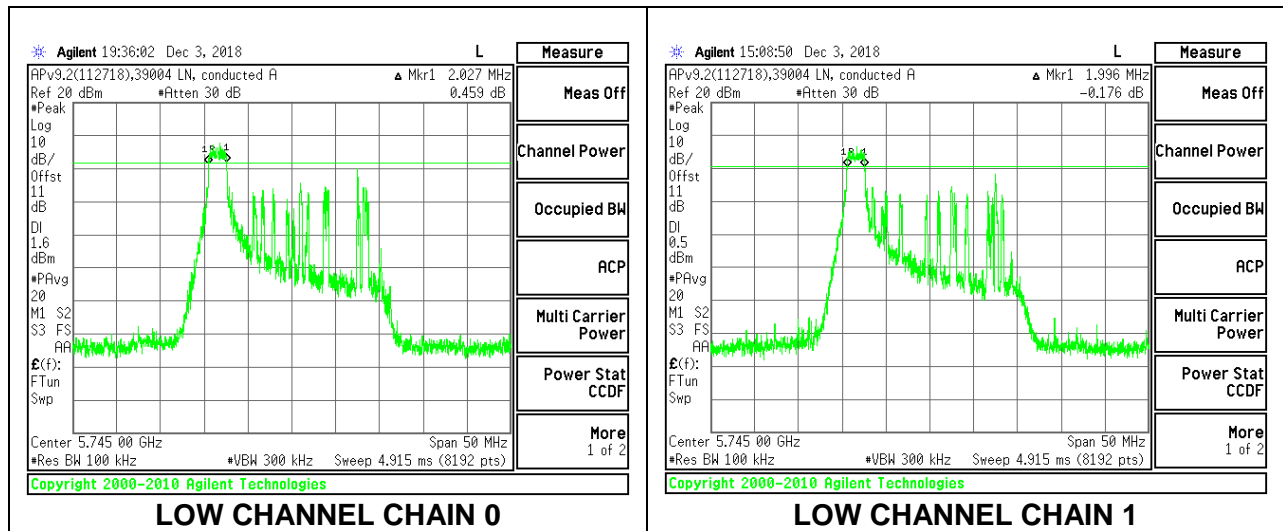


**9.4.5. 802.11ax HE20 MODE IN THE 5.8 GHz BAND**

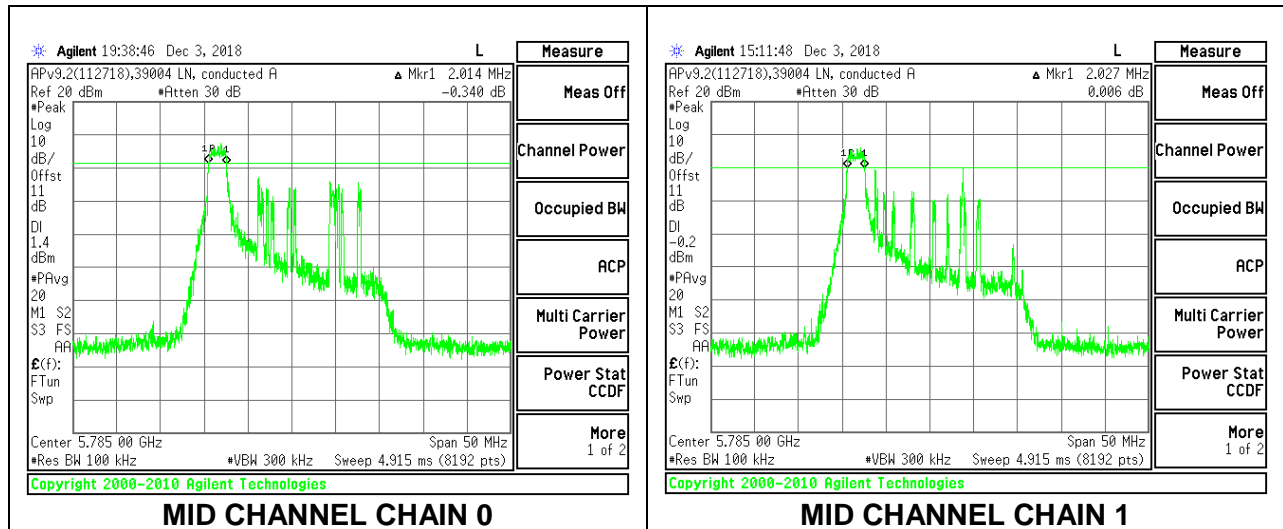
**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 0**

Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Low	5745	2.027	1.996	0.5
Mid	5785	2.014	2.027	0.5
High	5825	1.990	1.990	0.5

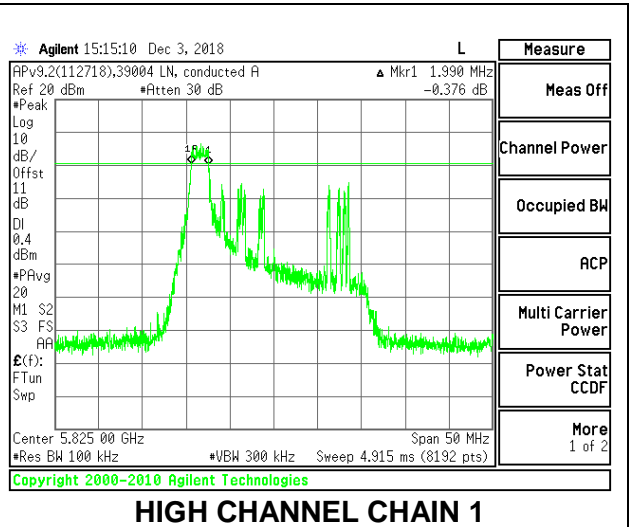
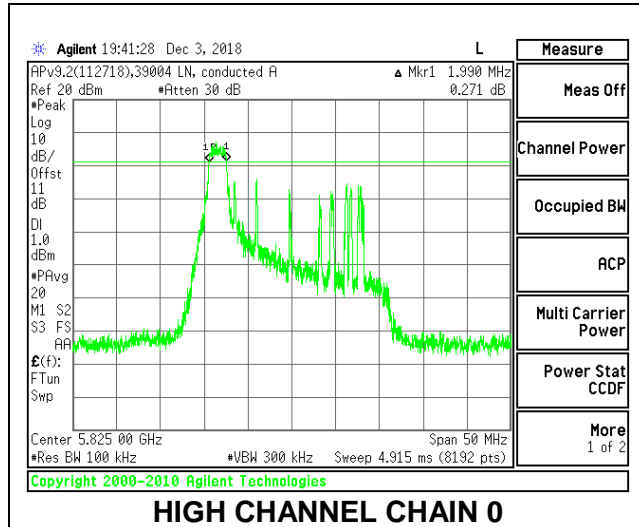
**LOW CHANNEL**



**MID CHANNEL**



### HIGH CHANNEL

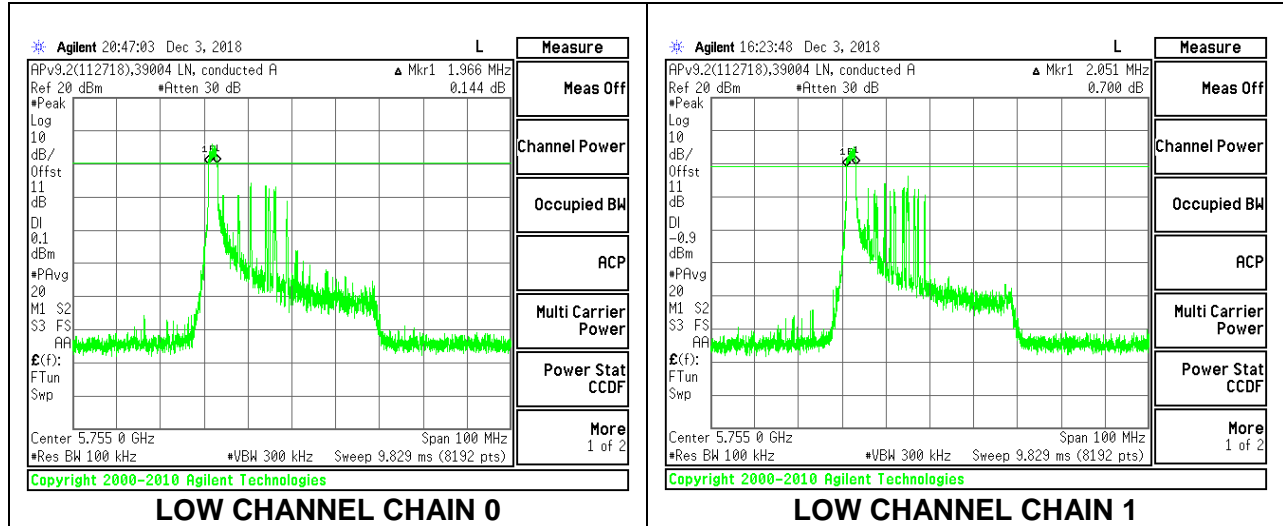


**9.4.6. 802.11ax HE40 MODE IN THE 5.8 GHz BAND**

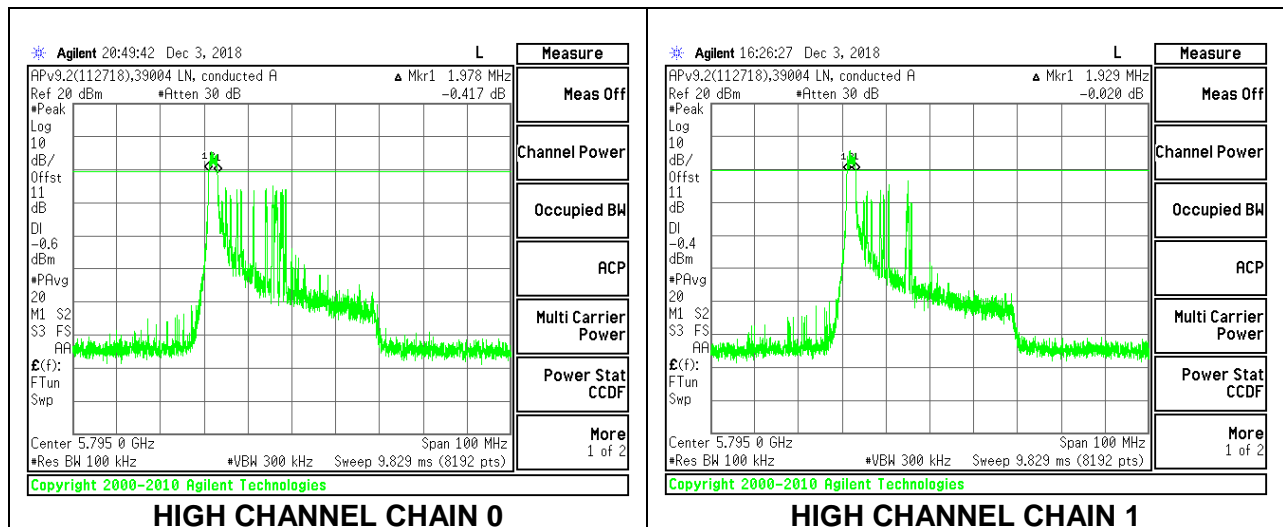
**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 0**

Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Low	5755	1.966	2.051	0.5
High	5795	1.978	1.929	0.5

**LOW CHANNEL**



**HIGH CHANNEL**

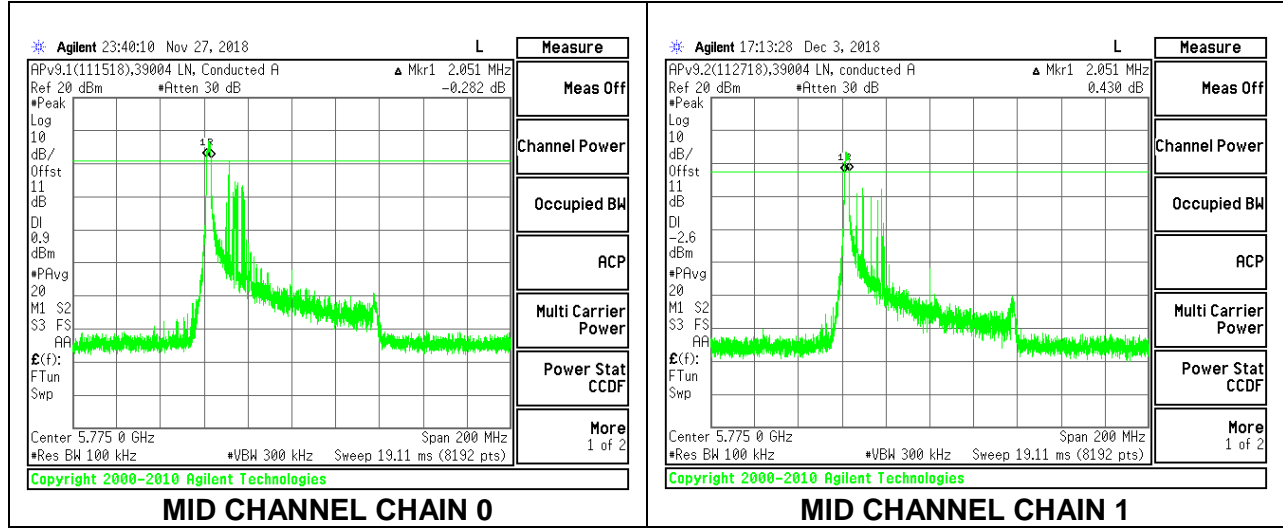


**9.4.7. 802.11ax HE80 MODE IN THE 5.8 GHz BAND**

**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 0**

Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Mid	5775	2.051	2.051	0.5

**MID CHANNEL**



## 9.5. OUTPUT POWER AND PSD

### LIMITS

#### **FCC §15.407**

##### **Band 5.15–5.25 GHz**

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

##### **Bands 5.25-5.35 GHz and 5.47-5.725 GHz**

The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

##### **Band 5.725-5.85 GHz**

The maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information.

**TEST PROCEDURE**

The measurement method used for output power is KDB 789033 D02 v02r01, Section E.3.b (Method PM-G) and for straddles channels KDB 789033 D02 v02r01, Section E.2.b (Method SA-1) was used.

The measurement method used for power spectral density is KDB 789033 D02 v02r01, Section F

**DIRECTIONAL ANTENNA GAIN**

For 2 TX:

Tx chains are uncorrelated for power and correlated for PSD due to the device supporting CDD in all MIMO modes. The directional gains are as follows:

<b>Band (GHz)</b>	<b>Chain 0 Antenna Gain (dBi)</b>	<b>Chain 1 Antenna Gain (dBi)</b>	<b>Uncorrelated Chains Directional Gain (dBi)</b>	<b>Correlated Chains Directional Gain (dBi)</b>
5.2	-2.27	-1.75	-2.00	1.00
5.3	-2.10	-0.16	-1.02	1.93
5.6	-2.10	-2.50	-2.30	0.71
5.8	-7.19	-6.65	-6.91	-3.91

**RESULTS**

**9.5.1. 802.11a MODE IN THE 5.2 GHz BAND**

**2TX Antenna 1 + Antenna 2 CDD MODE (FCC) MOBILE**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	-2.00	1.00	24.00	11.00
Mid	5200	-2.00	1.00	24.00	11.00
High	5240	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.29	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

**Output Power Results**

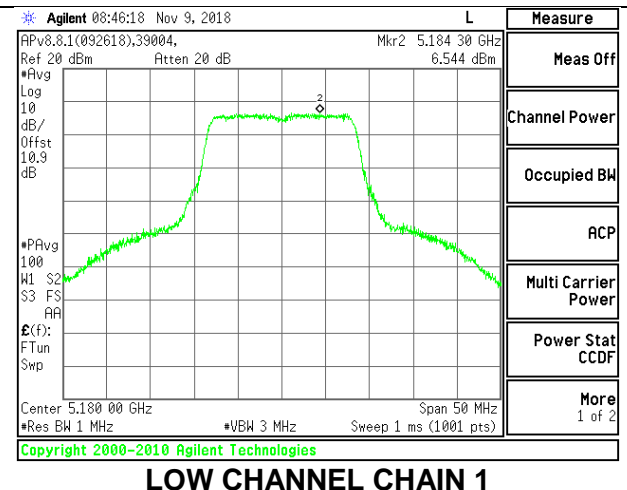
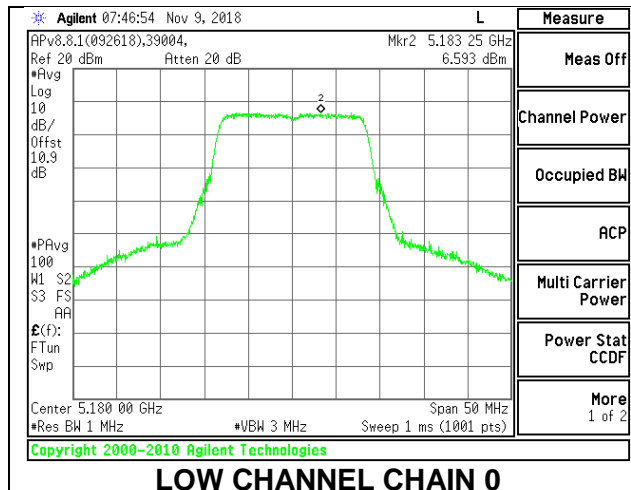
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	16.90	16.45	19.69	24.00	-4.31
Mid	5200	16.89	16.49	19.70	24.00	-4.30
High	5240	16.91	16.45	19.70	24.00	-4.30

**PSD Results**

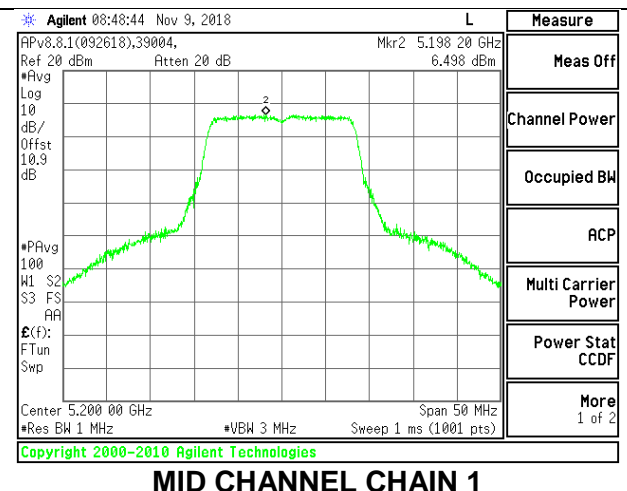
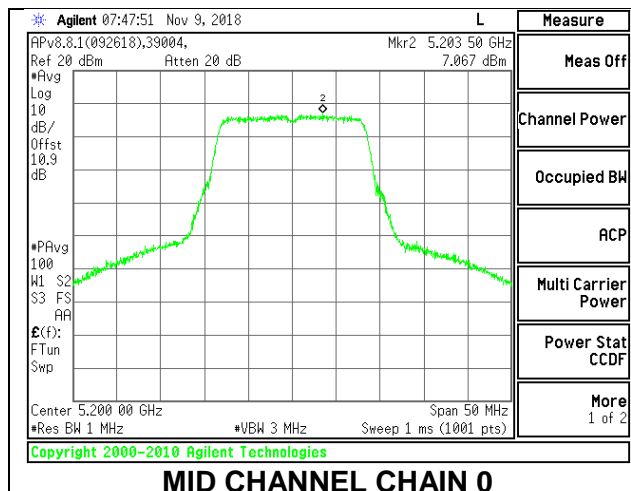
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	6.59	6.54	9.87	11.00	-1.13
Mid	5200	7.07	6.50	10.09	11.00	-0.91
High	5240	6.58	6.53	9.86	11.00	-1.14



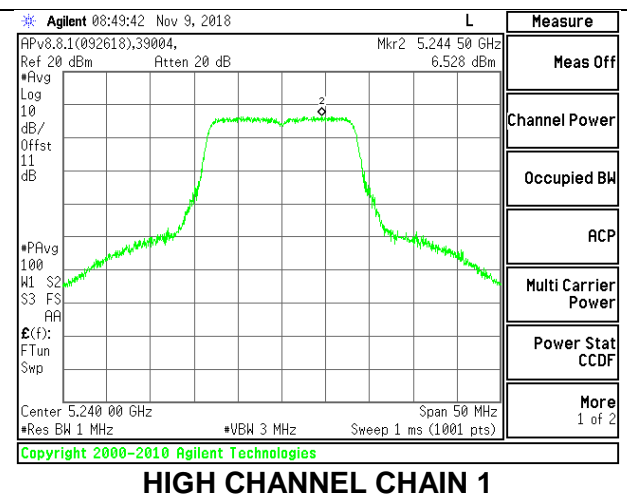
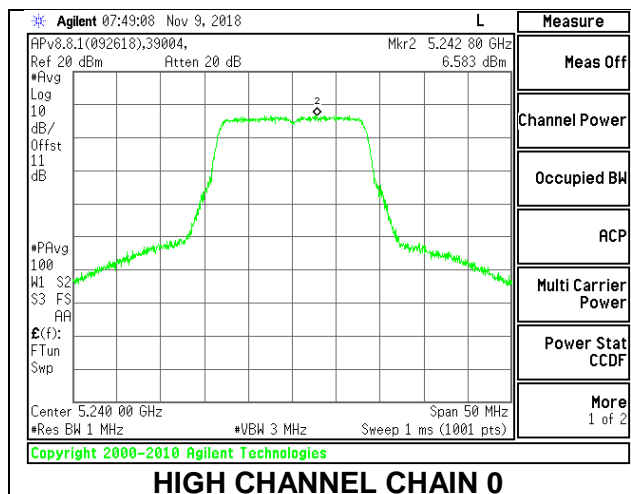
### LOW CHANNEL



### MID CHANNEL



### HIGH CHANNEL



**9.5.2. 802.11n HT20 MODE IN THE 5.2 GHz BAND**

**2TX Antenna 1 + Antenna 2 CDD MODE (FCC) MOBILE**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.00	1.00	24.00	11.00
Mid	5200	-2.00	1.00	24.00	11.00
High	5240	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.31	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

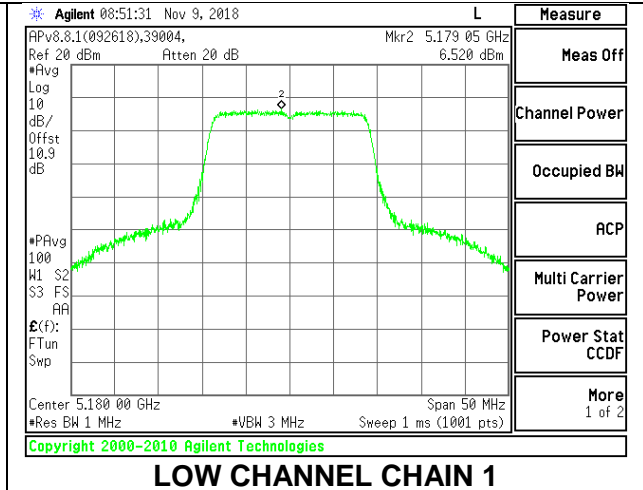
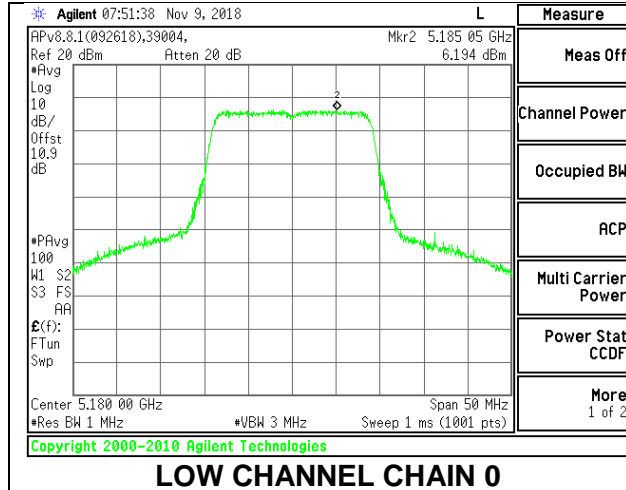
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	16.92	16.43	19.69	24.00	-4.31
Mid	5200	16.92	16.45	19.70	24.00	-4.30
High	5240	16.90	16.44	19.69	24.00	-4.31

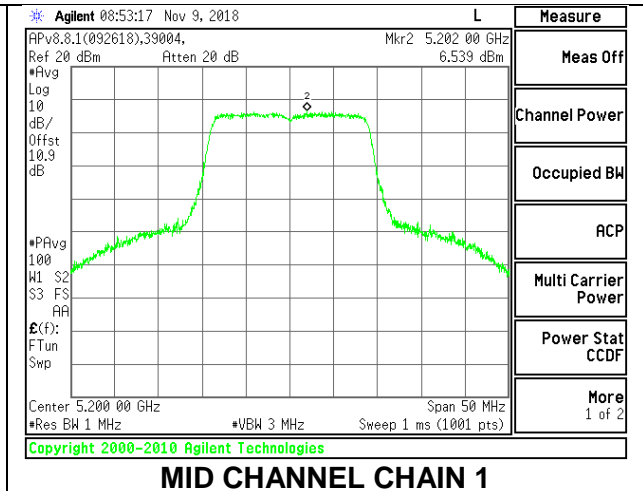
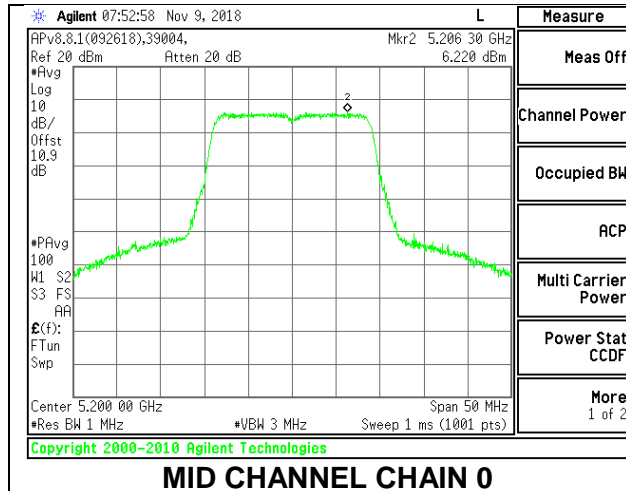
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	6.19	6.52	9.68	11.00	-1.32
Mid	5200	6.22	6.54	9.70	11.00	-1.30
High	5240	6.32	5.68	9.33	11.00	-1.67

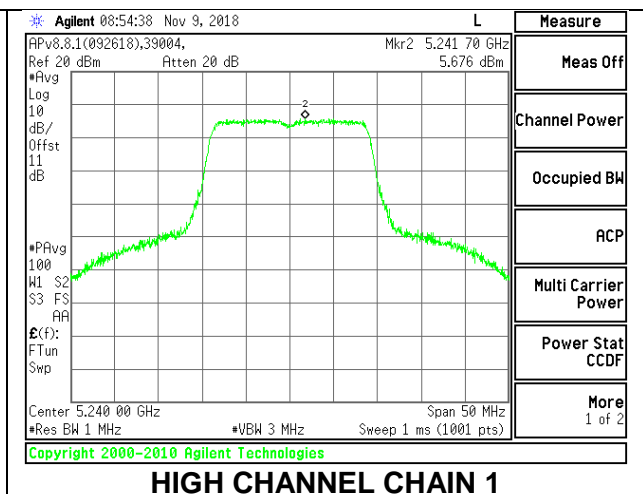
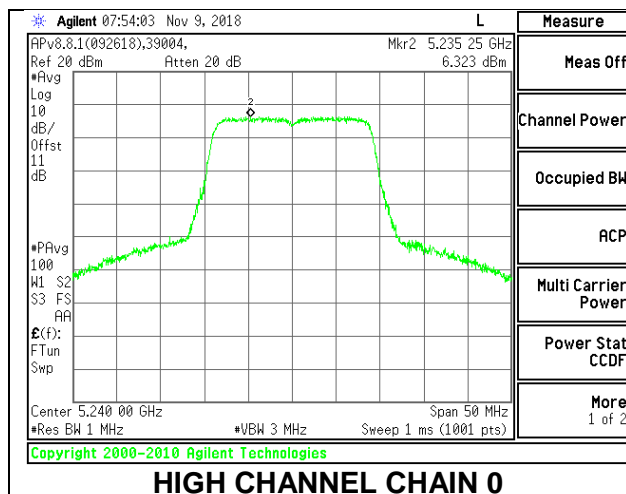
### LOW CHANNEL



### MID CHANNEL



### HIGH CHANNEL



**9.5.3. 802.11n HT40 MODE IN THE 5.2 GHz BAND**

**2TX Antenna 1 + Antenna 2 CDD MODE (FCC) MOBILE**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	1.00	24.00	11.00
High	5230	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.60	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

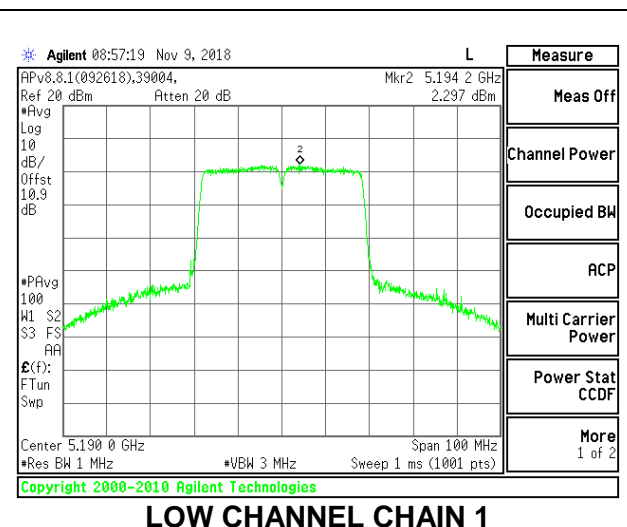
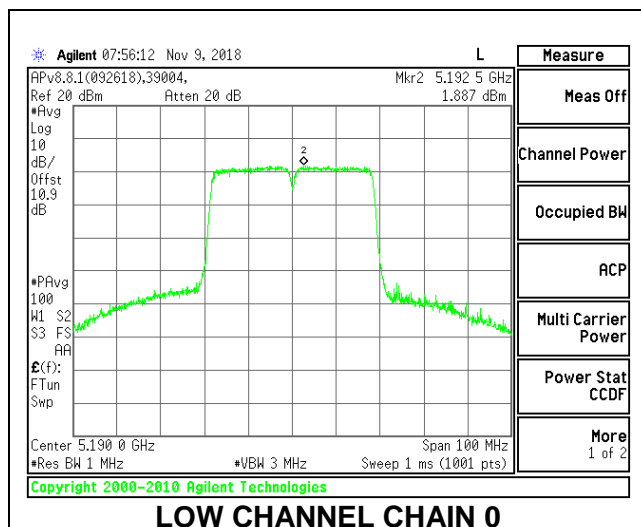
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	15.68	15.47	18.59	24.00	-5.41
High	5230	15.70	15.46	18.59	24.00	-5.41

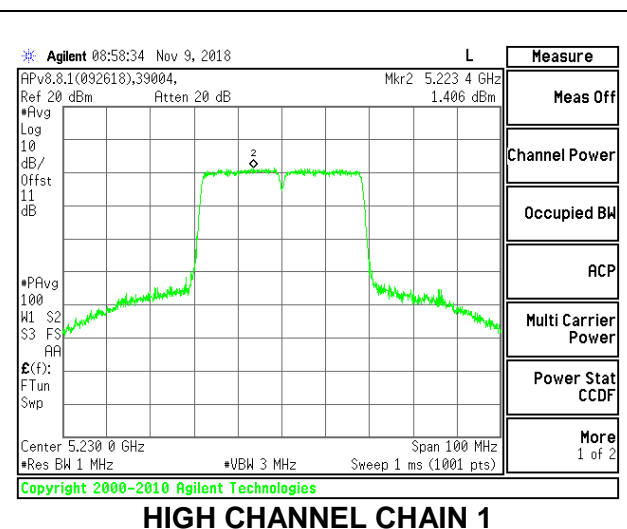
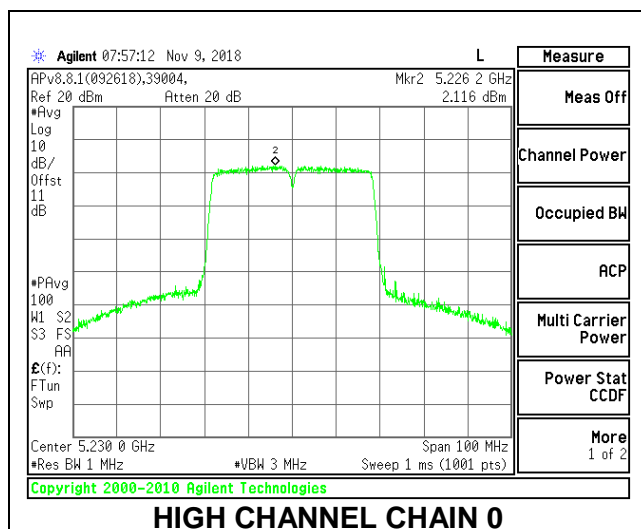
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	1.89	4.02	6.69	11.00	-4.31
High	5230	2.30	5.33	7.68	11.00	-3.32

### LOW CHANNEL



### HIGH CHANNEL



**9.5.4. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND**

**2TX Antenna 1 + Antenna 2 CDD MODE (FCC) MOBILE**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	1.95	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

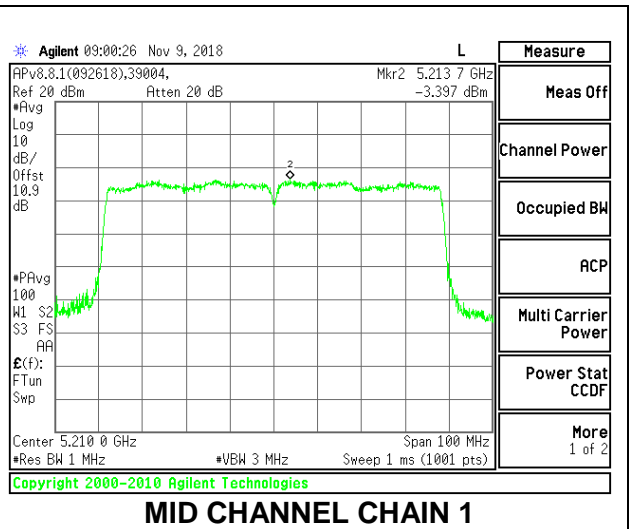
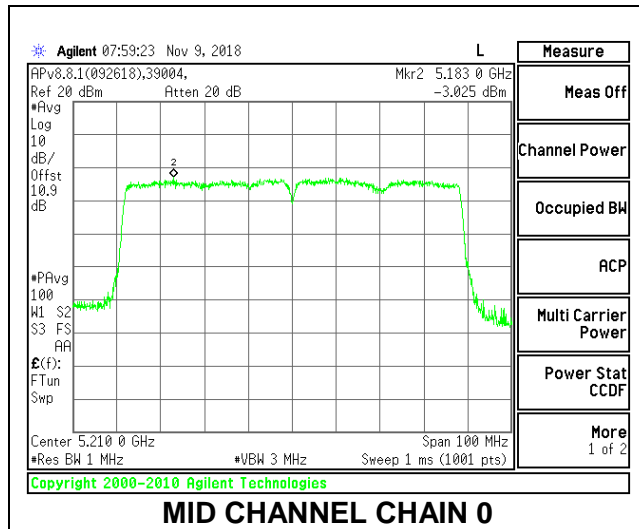
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	14.92	14.42	17.69	24.00	-6.31

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	-3.03	-3.40	1.75	11.00	-9.25

### MID CHANNEL



**9.5.5. 802.11ax HE20 MODE IN THE 5.2 GHz BAND**

**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 61**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.00	1.00	24.00	11.00
Mid	5200	-2.00	1.00	24.00	11.00
High	5240	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.67	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

**Output Power Results**

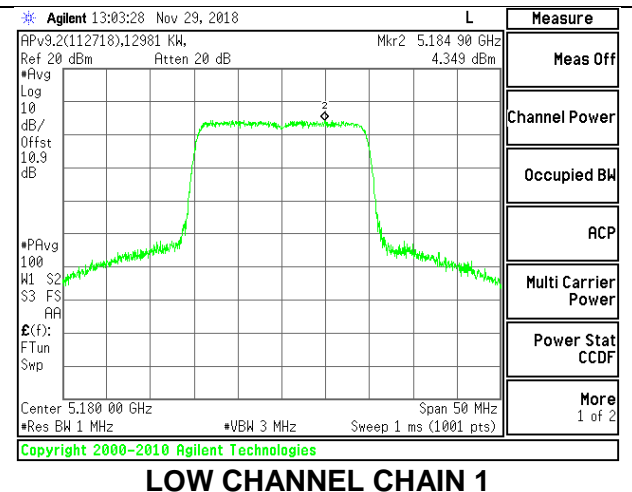
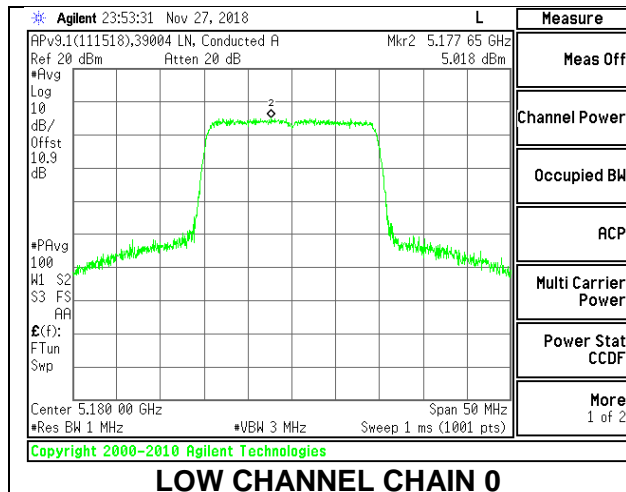
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	16.88	16.20	19.56	24.00	-4.44
Mid	5200	16.67	16.19	19.45	24.00	-4.55
High	5240	16.72	16.10	19.43	24.00	-4.57

**PSD Results**

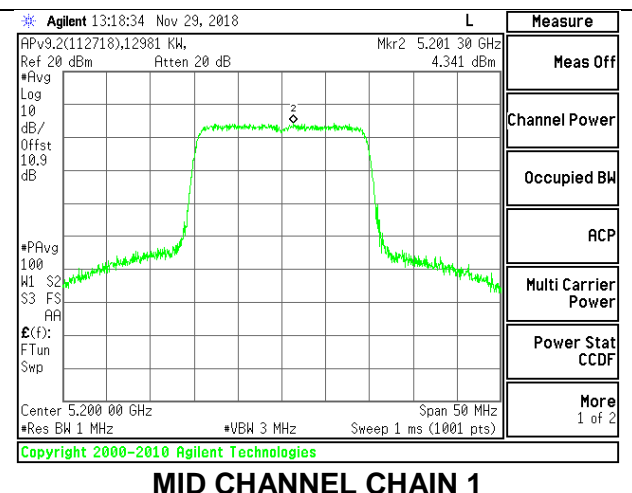
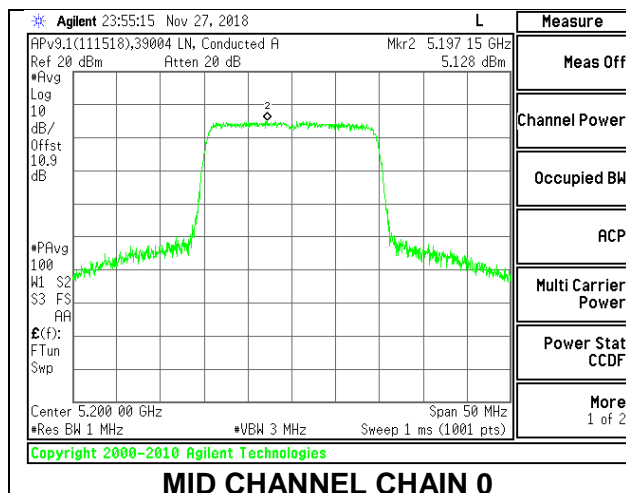
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	5.018	4.35	8.38	11.00	-2.62
Mid	5200	5.128	4.34	8.43	11.00	-2.57
High	5240	5.366	3.97	8.40	11.00	-2.60



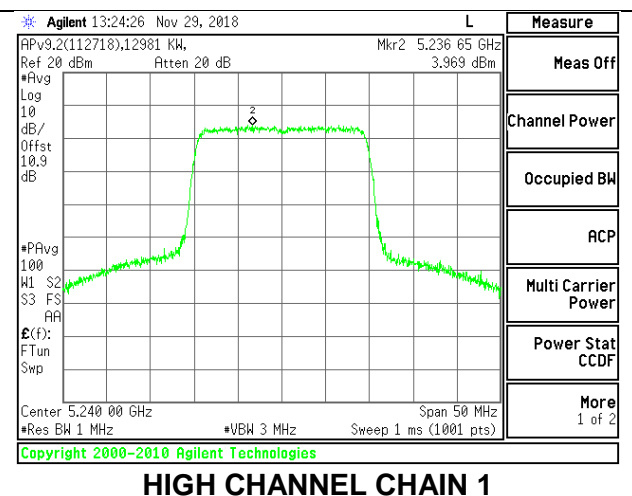
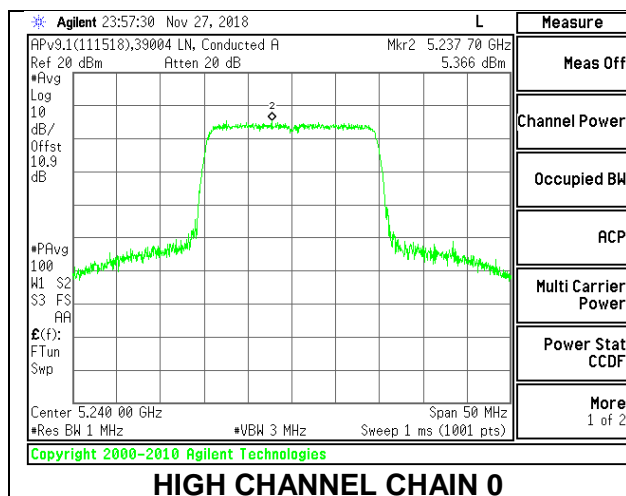
### LOW CHANNEL



### MID CHANNEL



### HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 53**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.00	1.00	24.00	11.00
Mid	5200	-2.00	1.00	24.00	11.00
High	5240	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.34	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

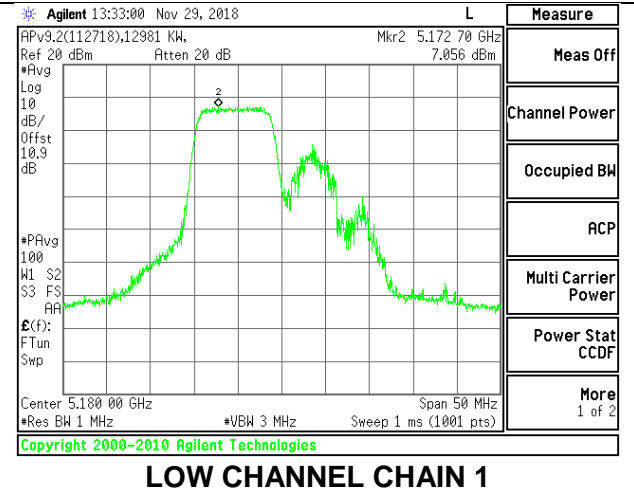
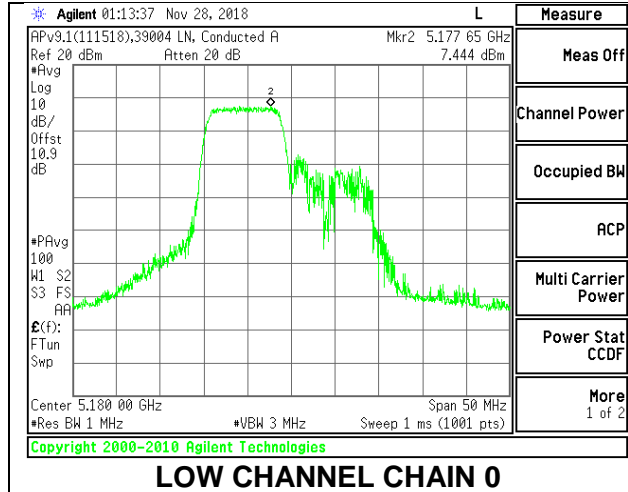
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	15.55	15.18	18.38	24.00	-5.62
Mid	5200	15.65	15.15	18.42	24.00	-5.58
High	5240	15.75	15.36	18.57	24.00	-5.43

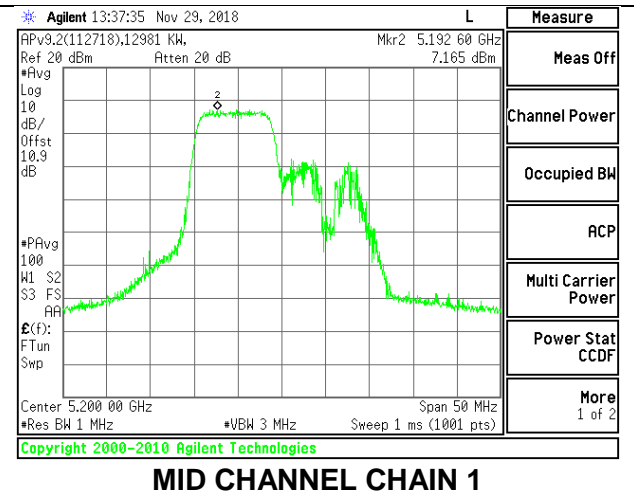
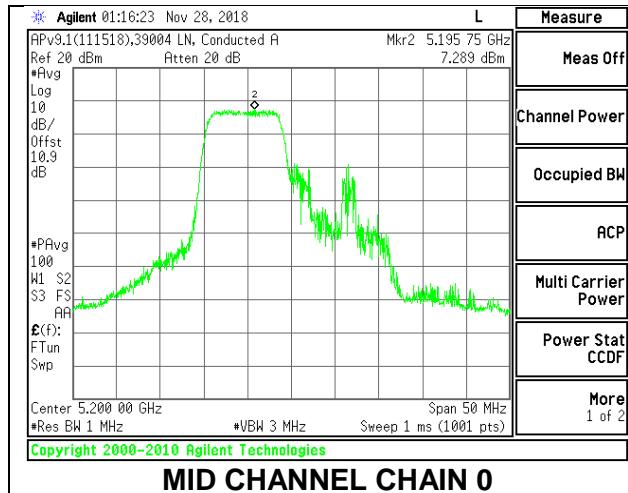
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	7.444	7.056	10.60	11.00	-0.40
Mid	5200	7.289	7.165	10.58	11.00	-0.42
High	5240	7.200	6.633	10.28	11.00	-0.72

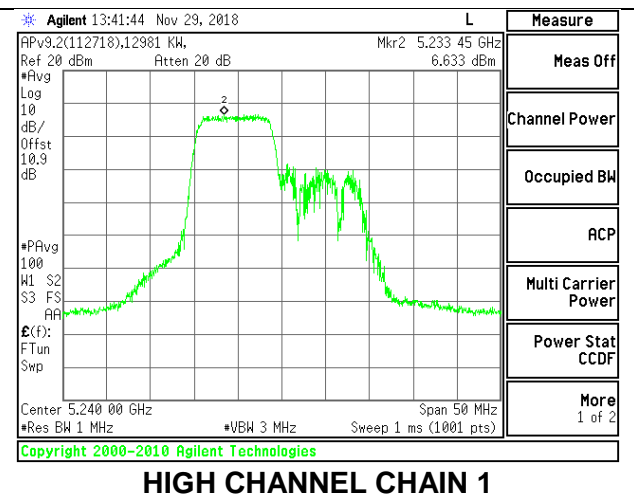
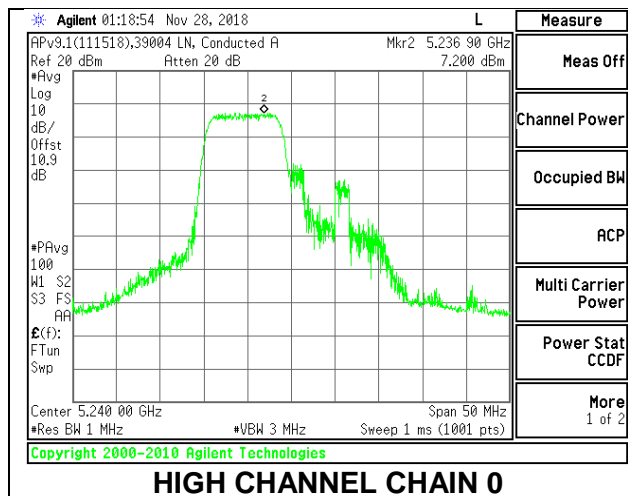
**LOW CHANNEL**



**MID CHANNEL**



**HIGH CHANNEL**



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 54**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.00	1.00	24.00	11.00
Mid	5200	-2.00	1.00	24.00	11.00
High	5240	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.34	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

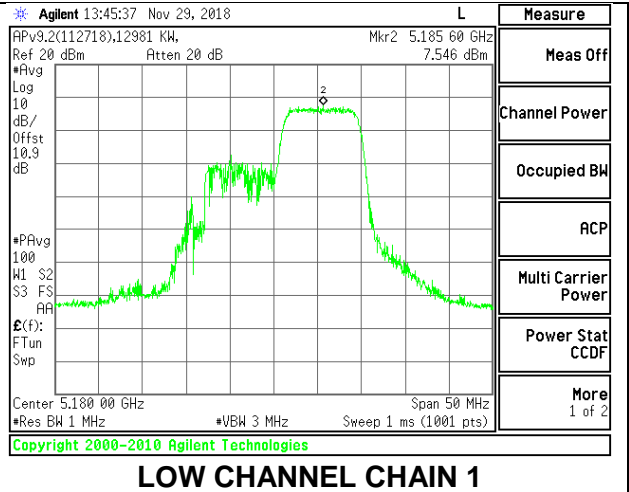
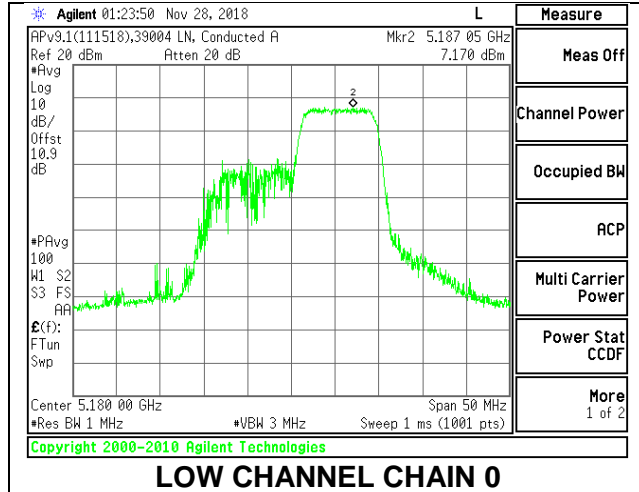
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	15.70	15.01	18.38	24.00	-5.62
Mid	5200	15.55	15.06	18.32	24.00	-5.68
High	5240	15.70	15.00	18.37	24.00	-5.63

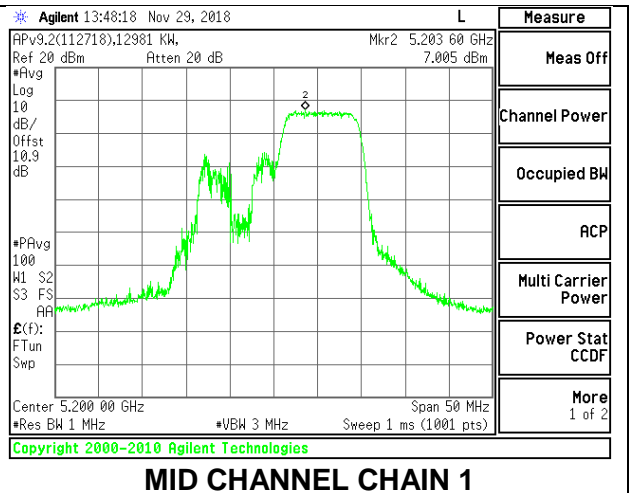
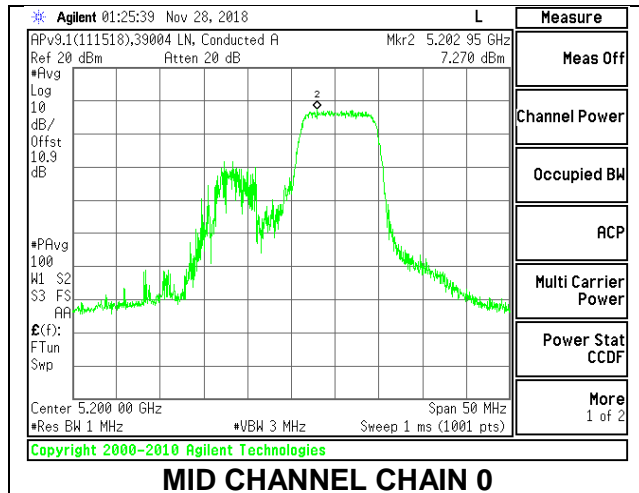
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	7.170	7.546	10.71	11.00	-0.29
Mid	5200	7.270	7.005	10.49	11.00	-0.51
High	5240	7.103	6.670	10.40	11.00	-0.60

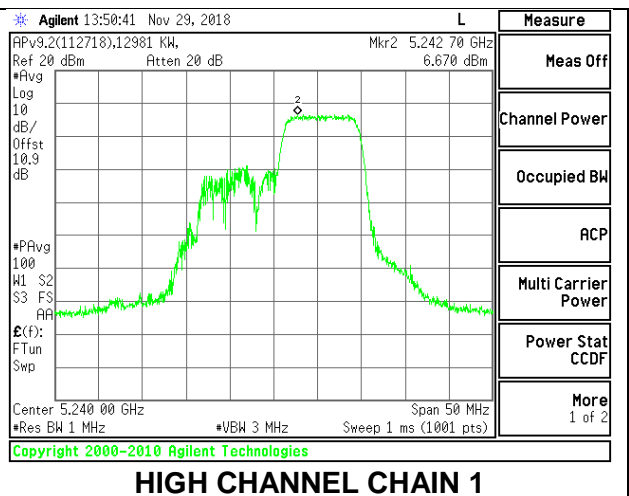
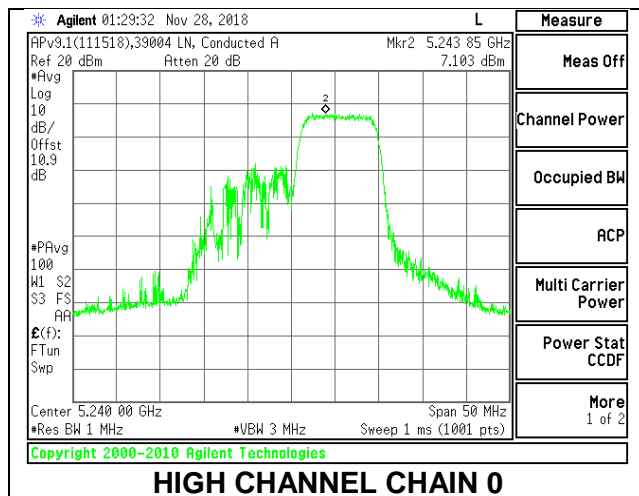
**LOW CHANNEL**



**MID CHANNEL**



**HIGH CHANNEL**



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 37**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.00	1.00	24.00	11.00
Mid	5200	-2.00	1.00	24.00	11.00
High	5240	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.17	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

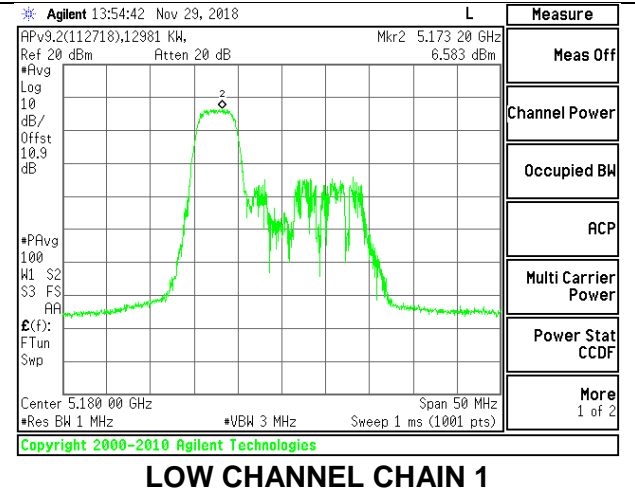
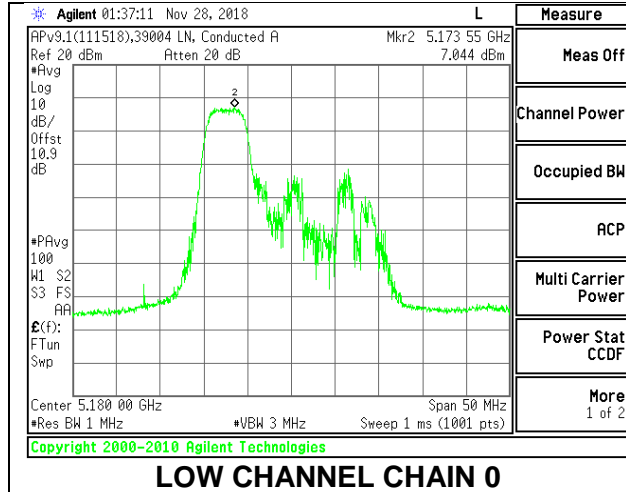
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.78	11.32	14.57	24.00	-9.43
Mid	5200	11.80	11.34	14.59	24.00	-9.41
High	5240	11.78	11.32	14.57	24.00	-9.43

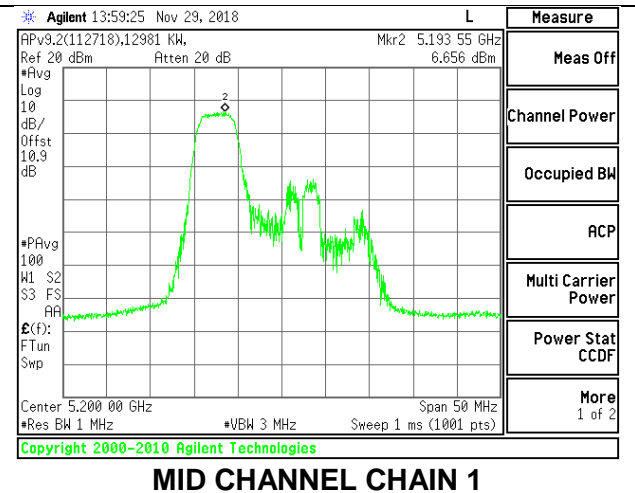
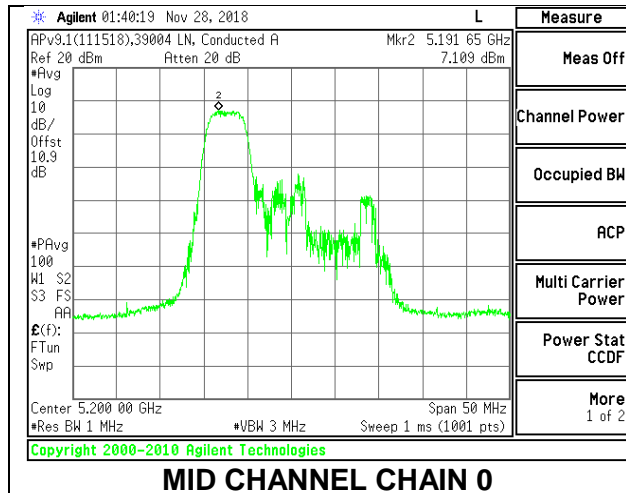
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	7.044	6.583	10.00	11.00	-1.00
Mid	5200	7.109	6.656	10.07	11.00	-0.93
High	5240	6.973	6.227	9.80	11.00	-1.20

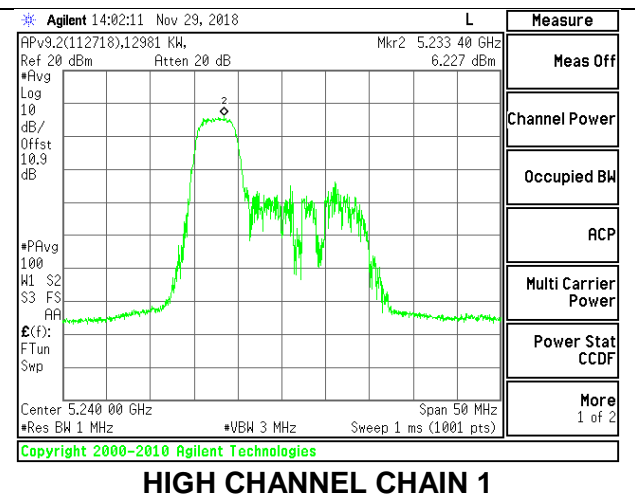
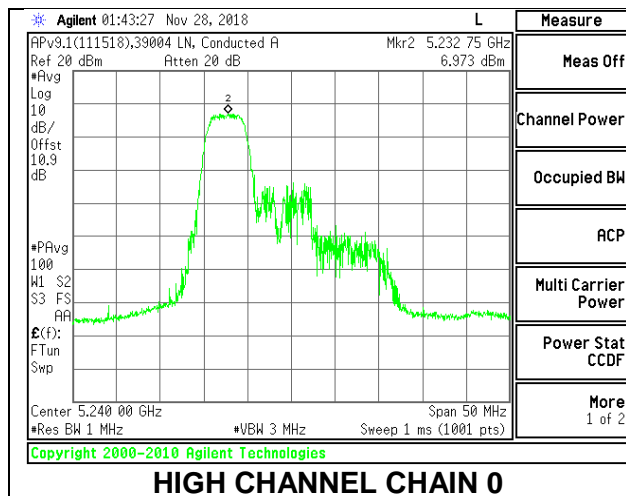
**LOW CHANNEL**



**MID CHANNEL**



**HIGH CHANNEL**



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 38**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.00	1.00	24.00	11.00
Mid	5200	-2.00	1.00	24.00	11.00
High	5240	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.17	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

**Output Power Results**

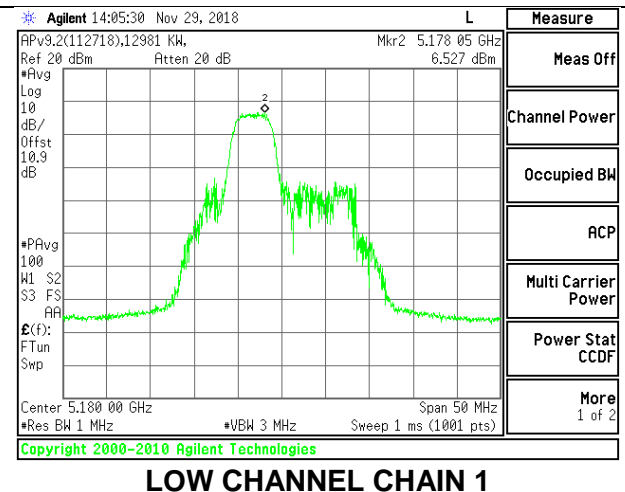
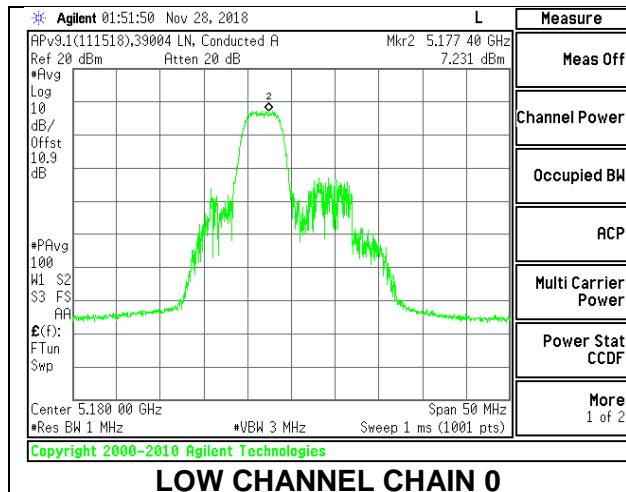
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.78	11.32	14.57	24.00	-9.43
Mid	5200	11.81	11.35	14.60	24.00	-9.40
High	5240	11.81	11.35	14.60	24.00	-9.40

**PSD Results**

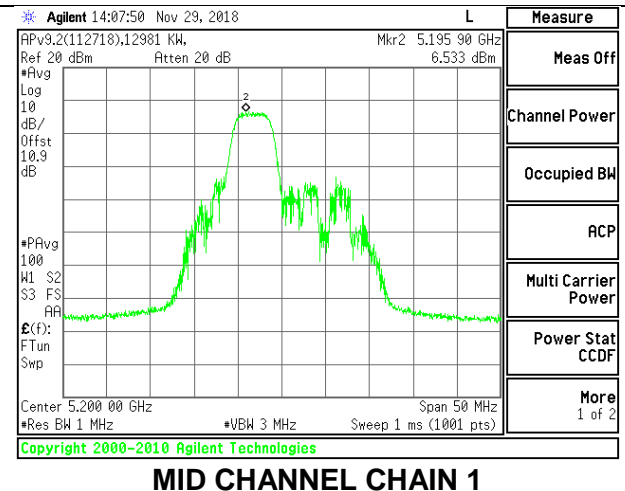
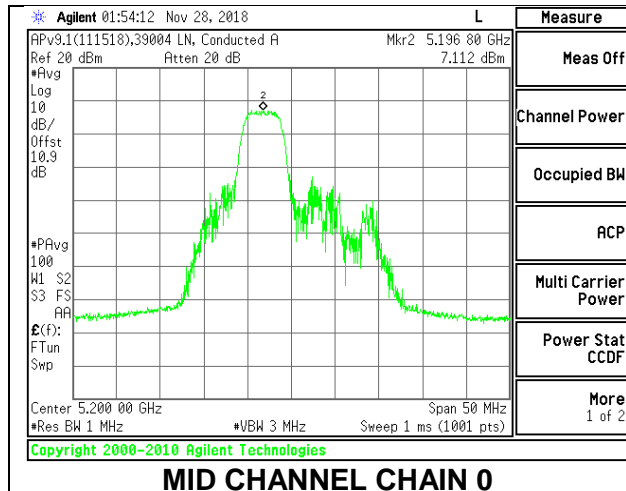
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	7.231	6.527	10.07	11.00	-0.93
Mid	5200	7.112	6.533	10.01	11.00	-0.99
High	5240	7.062	6.366	9.91	11.00	-1.09



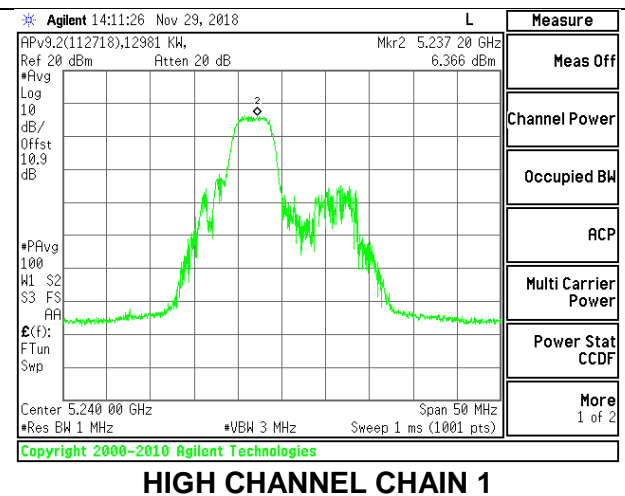
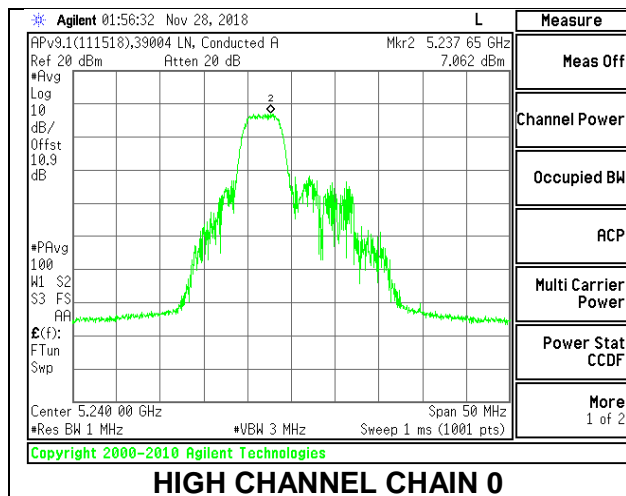
### LOW CHANNEL



### MID CHANNEL



### HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 40**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.00	1.00	24.00	11.00
Mid	5200	-2.00	1.00	24.00	11.00
High	5240	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.17	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

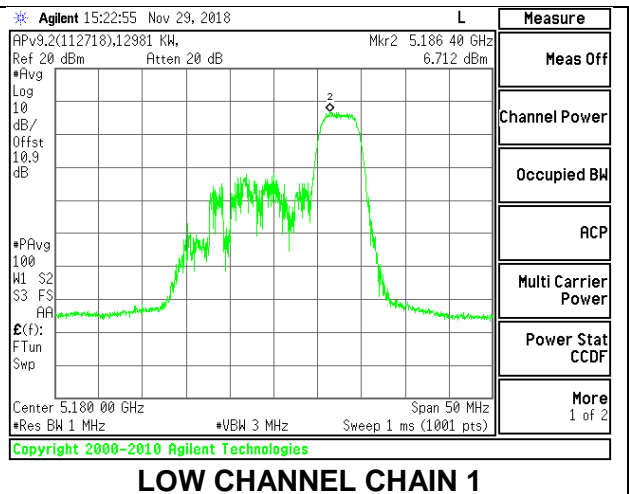
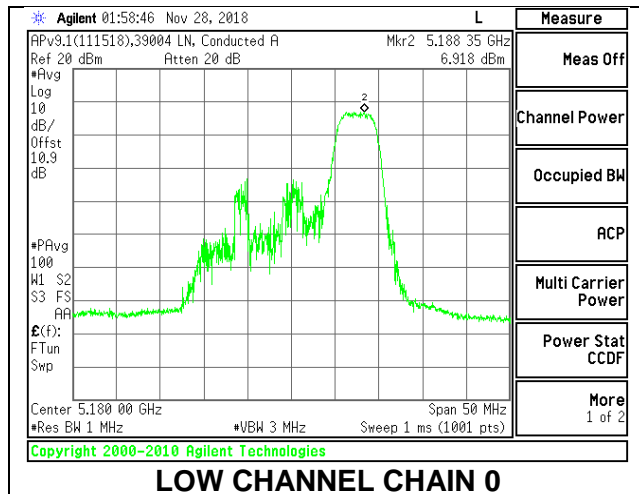
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.8	11.34	14.59	24.00	-9.41
Mid	5200	11.82	11.36	14.61	24.00	-9.39
High	5240	11.83	11.37	14.62	24.00	-9.38

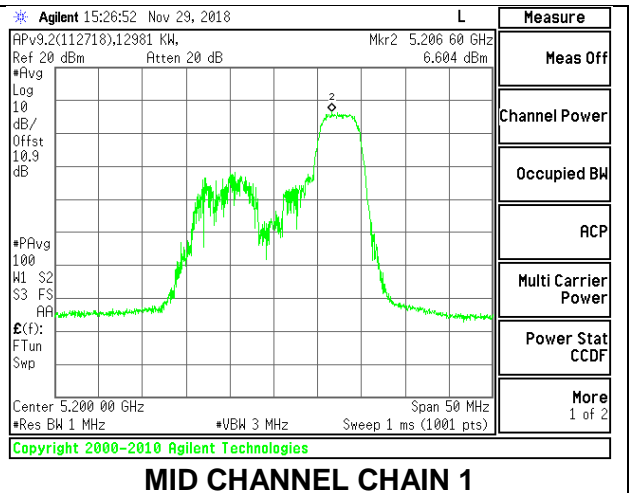
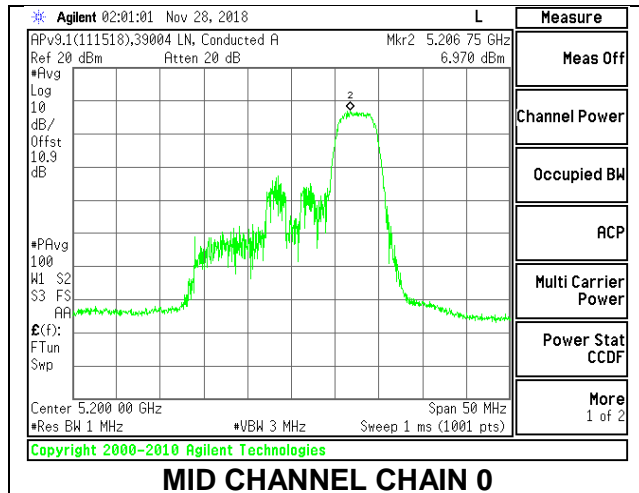
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	6.918	6.712	10.00	11.00	-1.00
Mid	5200	6.97	6.604	9.97	11.00	-1.03
High	5240	6.516	6.317	9.60	11.00	-1.40

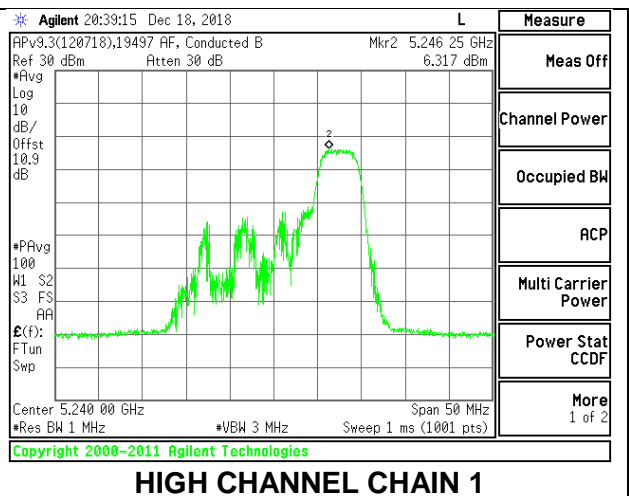
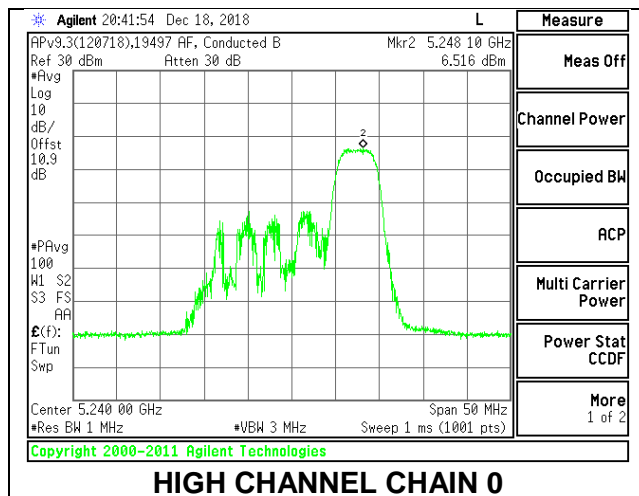
### LOW CHANNEL



### MID CHANNEL



### HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 0**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.00	1.00	24.00	11.00
Mid	5200	-2.00	1.00	24.00	11.00
High	5240	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.10	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

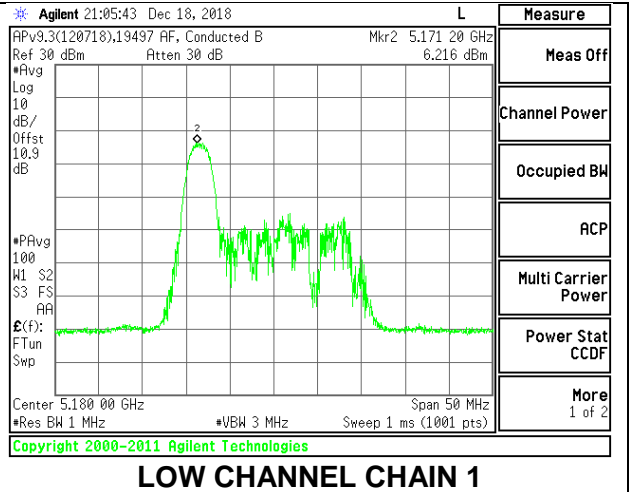
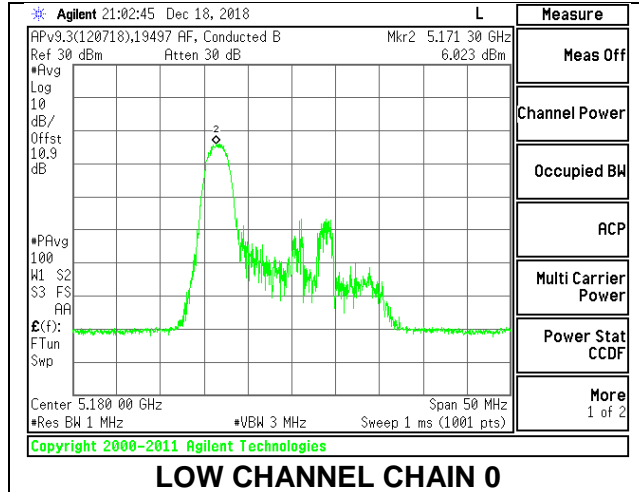
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	9.91	9.50	12.72	24.00	-11.28
Mid	5200	9.93	9.50	12.73	24.00	-11.27
High	5240	9.92	9.50	12.73	24.00	-11.27

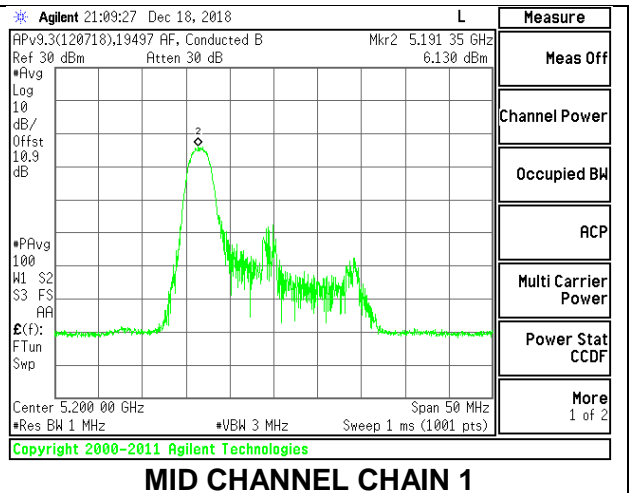
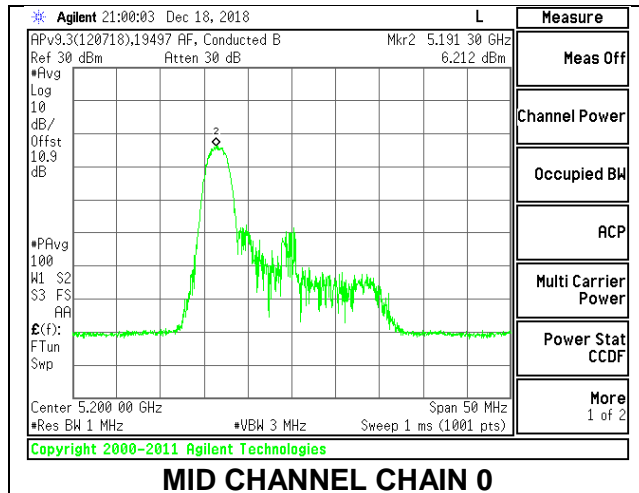
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	6.023	6.216	9.23	11.00	-1.77
Mid	5200	6.212	6.130	9.28	11.00	-1.72
High	5240	6.487	6.218	9.46	11.00	-1.54

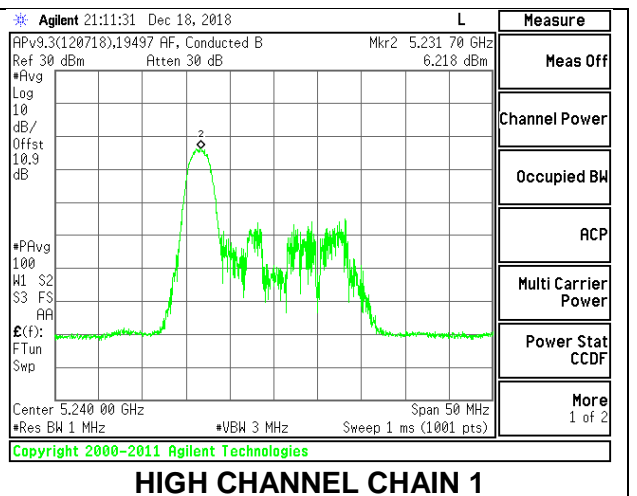
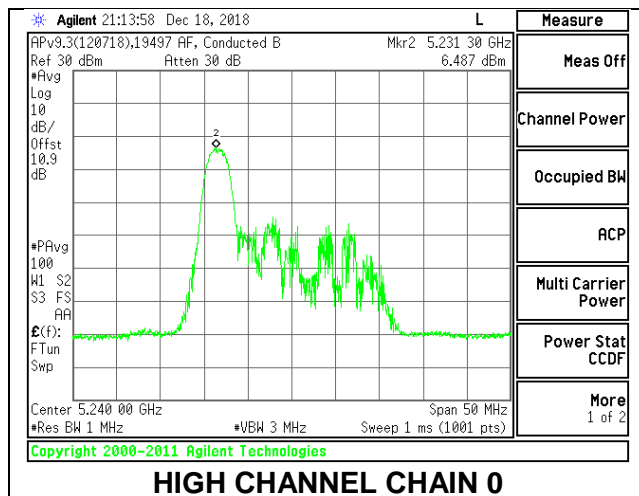
**LOW CHANNEL**



**MID CHANNEL**



**HIGH CHANNEL**



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 4**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.00	1.00	24.00	11.00
Mid	5200	-2.00	1.00	24.00	11.00
High	5240	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.10	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

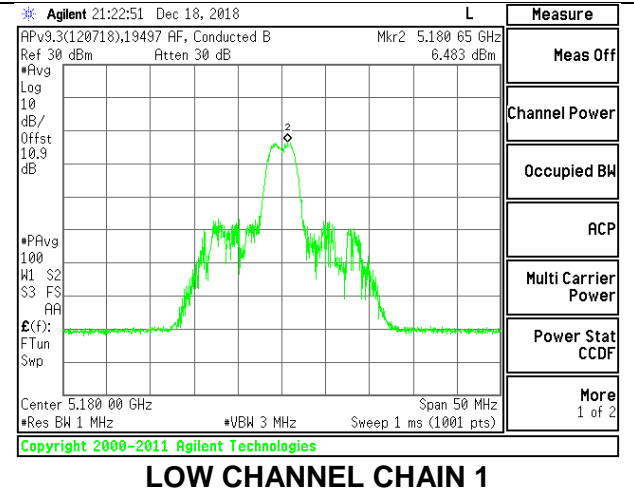
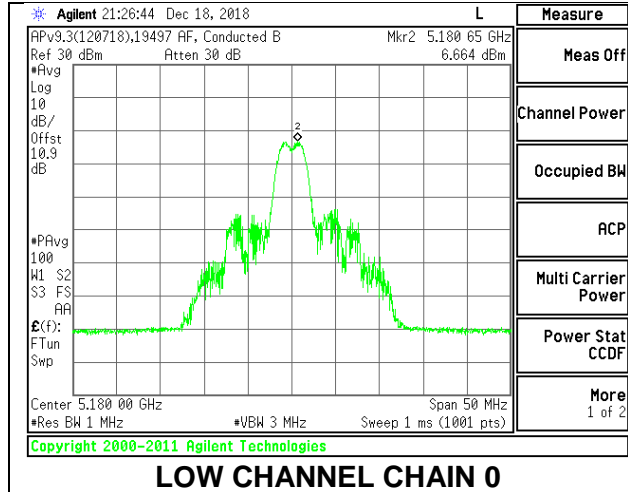
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	10.26	9.80	13.05	24.00	-10.95
Mid	5200	10.27	9.81	13.06	24.00	-10.94
High	5240	10.25	9.79	13.04	24.00	-10.96

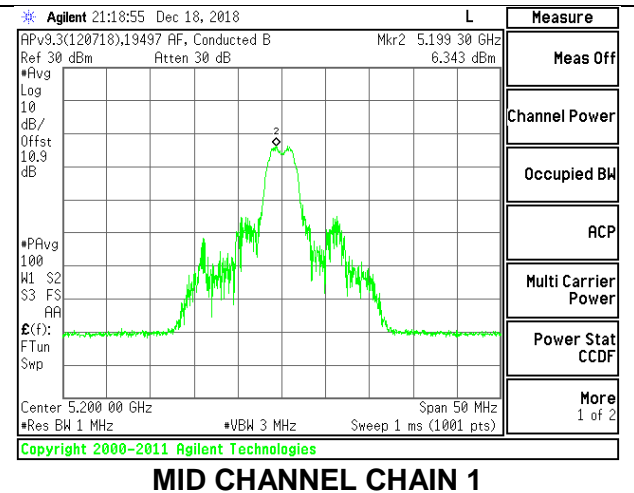
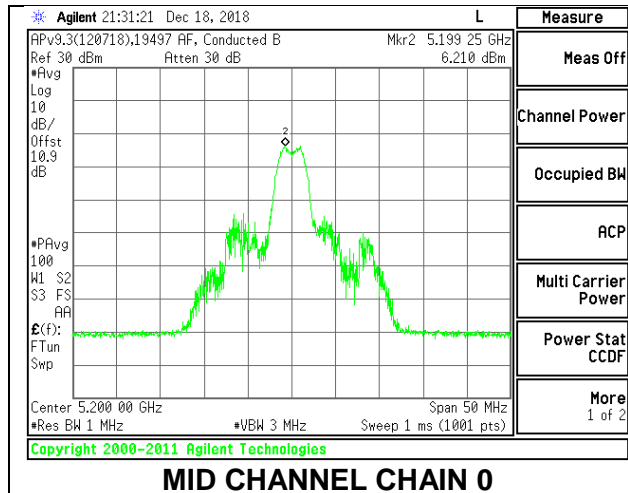
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	6.664	6.483	9.68	11.00	-1.32
Mid	5200	6.210	6.343	9.39	11.00	-1.61
High	5240	6.021	6.484	9.37	11.00	-1.63

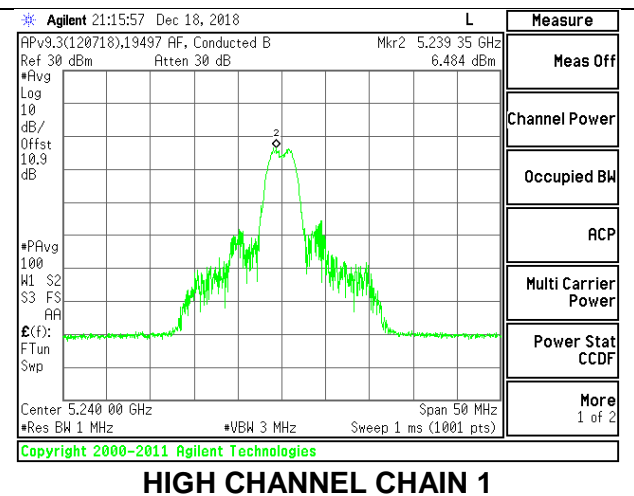
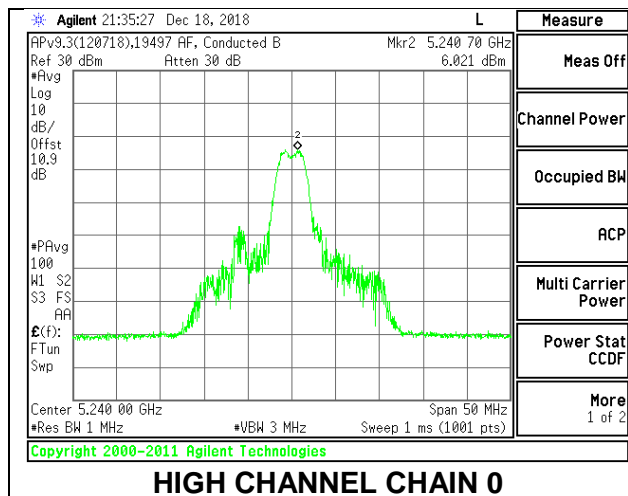
### LOW CHANNEL



### MID CHANNEL



### HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 8**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.00	1.00	24.00	11.00
Mid	5200	-2.00	1.00	24.00	11.00
High	5240	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.10	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

**Output Power Results**

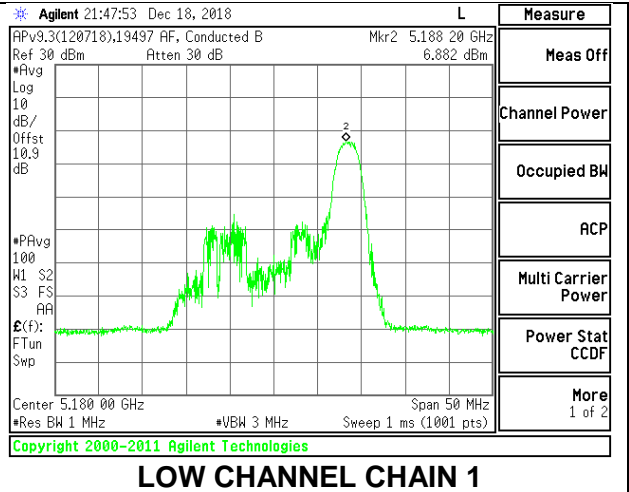
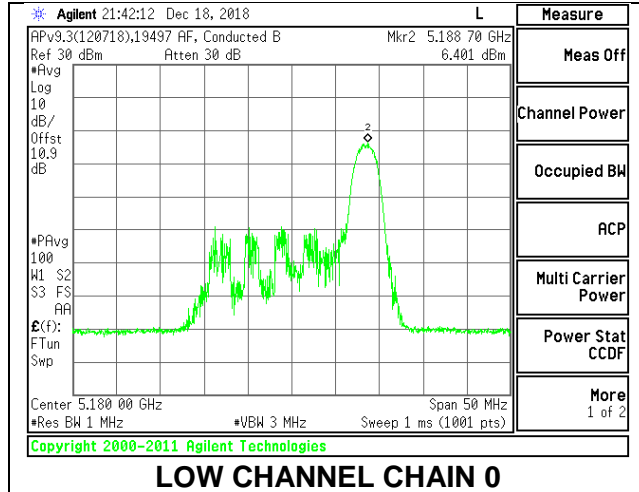
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	9.90	9.51	12.72	24.00	-11.28
Mid	5200	9.89	9.50	12.71	24.00	-11.29
High	5240	9.91	9.50	12.72	24.00	-11.28

**PSD Results**

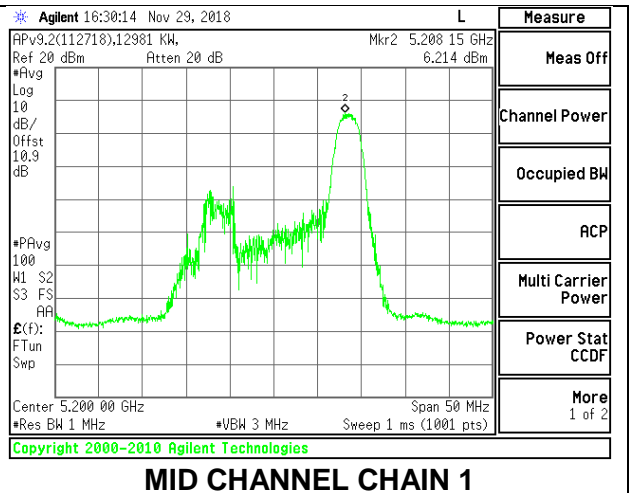
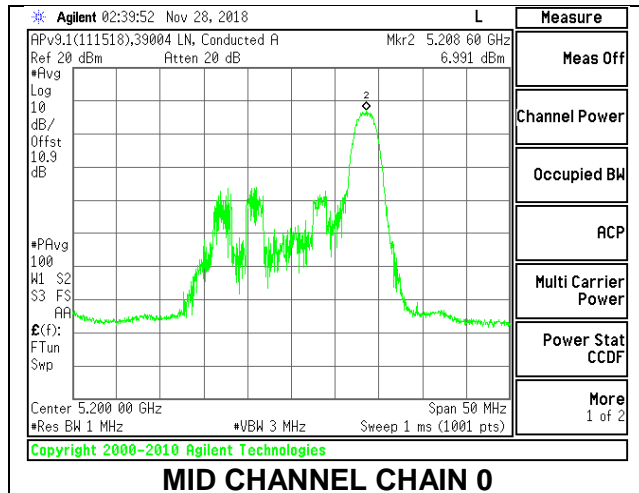
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	6.401	6.882	9.76	11.00	-1.24
Mid	5200	6.991	6.214	9.73	11.00	-1.27
High	5240	6.670	6.645	9.77	11.00	-1.23



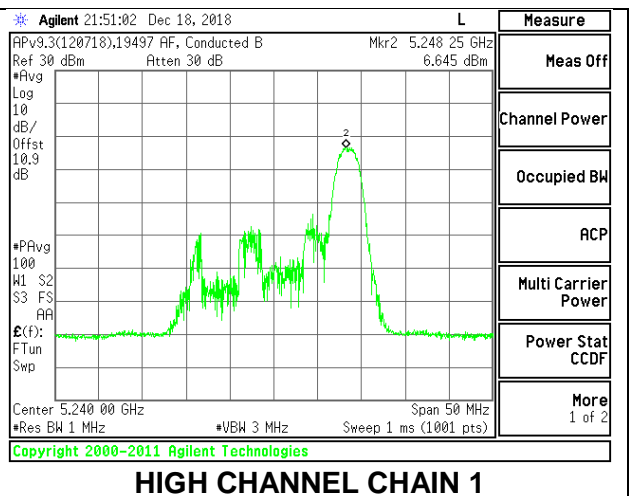
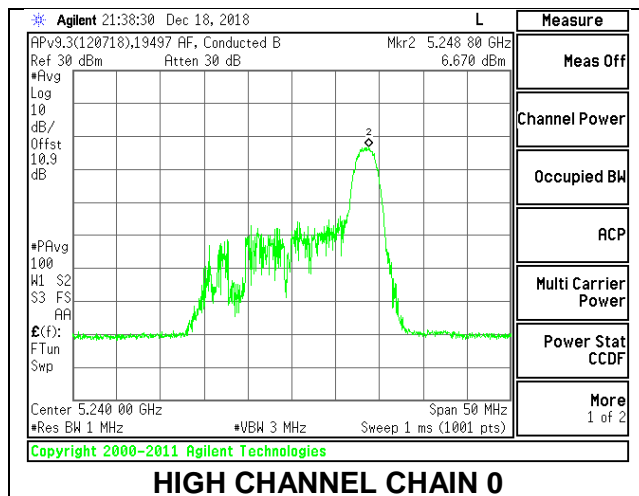
**LOW CHANNEL**



**MID CHANNEL**



**HIGH CHANNEL**



### 9.5.6. 802.11ax HE40 MODE IN THE 5.2 GHz BAND

#### 2TX Antenna 1 + Antenna 2 OFDMA MODE – 484-Tones, RU Index 65

##### Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	1.00	24.00	11.00
High	5230	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	1.13	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

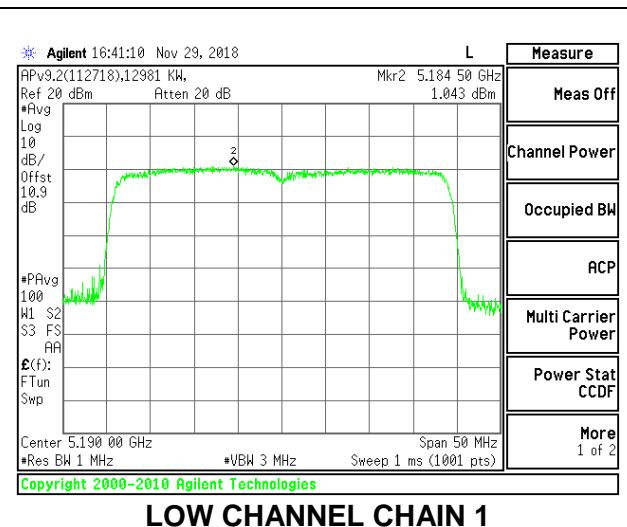
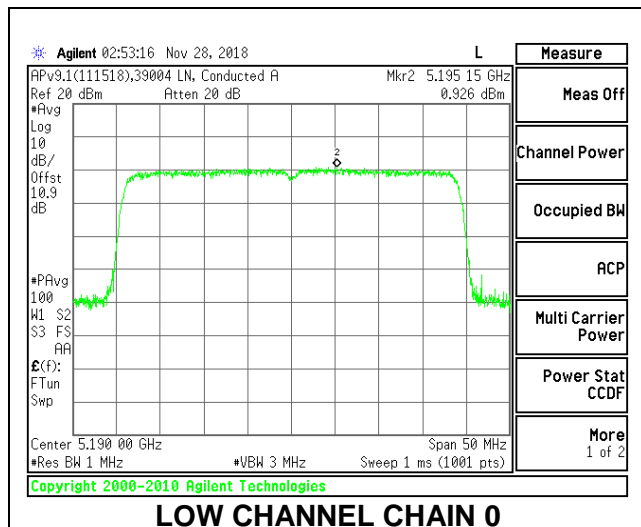
##### Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	15.86	15.42	18.66	24.00	-5.34
High	5230	15.85	15.39	18.64	24.00	-5.36

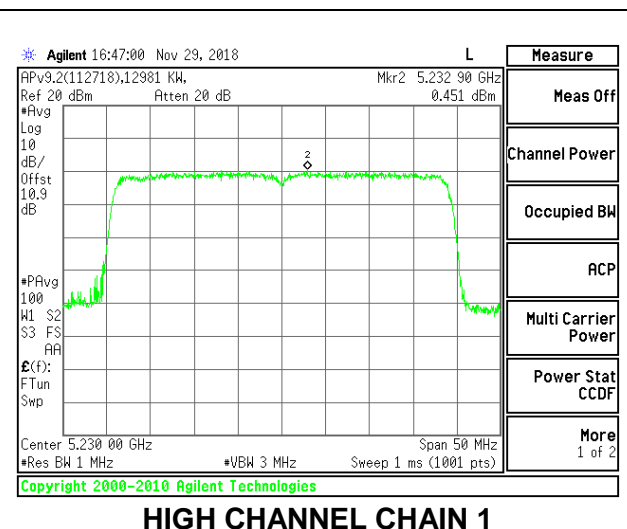
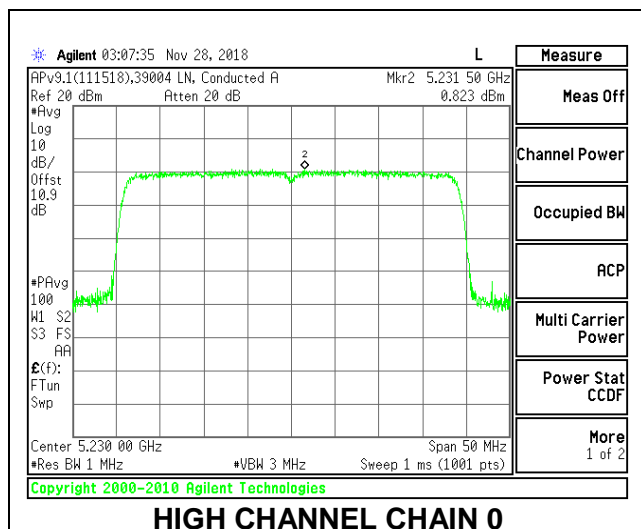
##### PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	0.926	1.043	5.13	11.00	-5.87
High	5230	0.823	0.451	4.78	11.00	-6.22

### LOW CHANNEL



### HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 61**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	1.00	24.00	11.00
High	5230	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.67	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

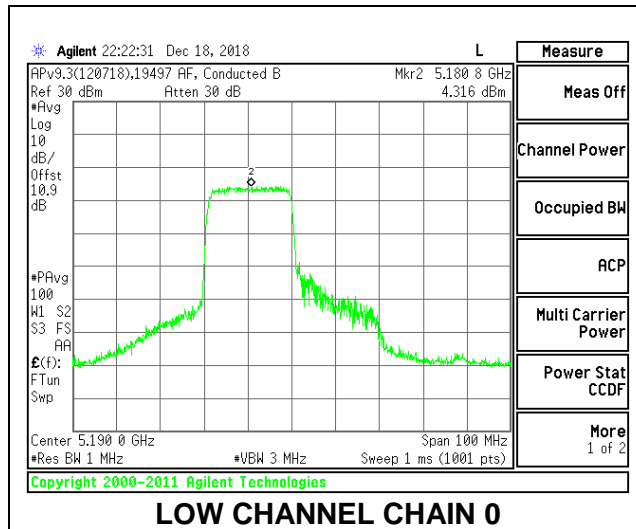
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	16.82	16.25	19.55	24.00	-4.45
High	5230	16.84	16.24	19.56	24.00	-4.44

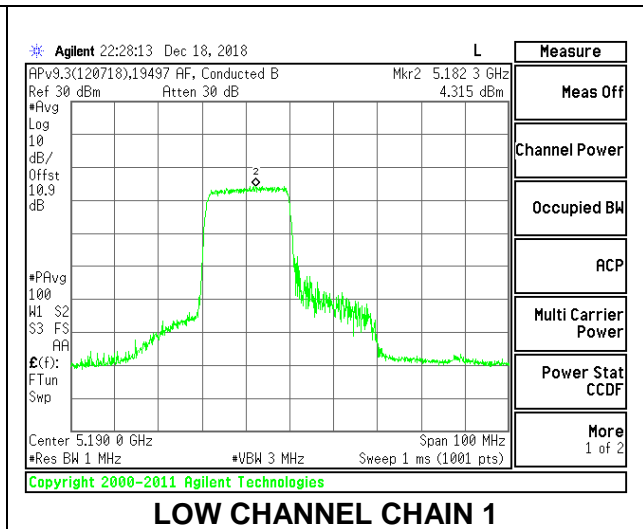
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	4.316	4.315	8.00	11.00	-3.00
High	5230	4.326	4.377	8.03	11.00	-2.97

### LOW CHANNEL

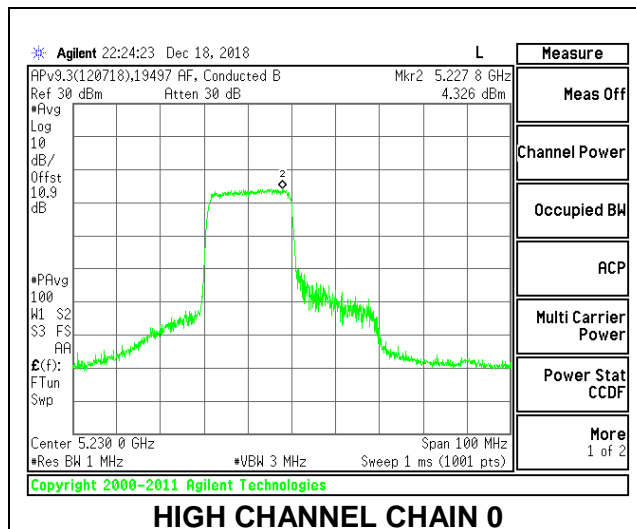


**LOW CHANNEL CHAIN 0**

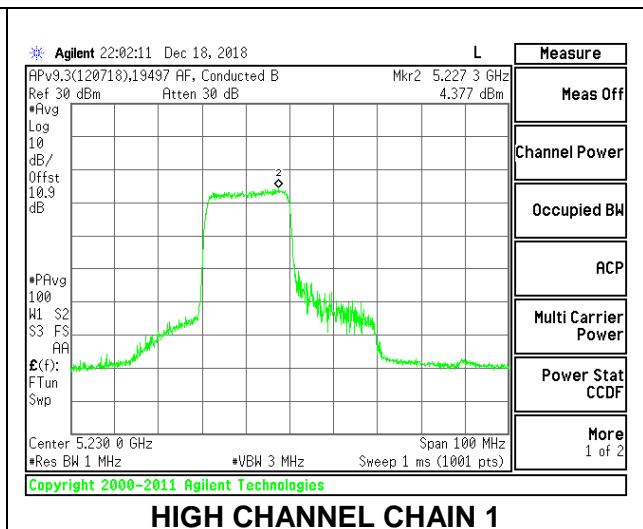


**LOW CHANNEL CHAIN 1**

### HIGH CHANNEL



**HIGH CHANNEL CHAIN 0**



**HIGH CHANNEL CHAIN 1**

**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 62**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	1.00	24.00	11.00
High	5230	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.67	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

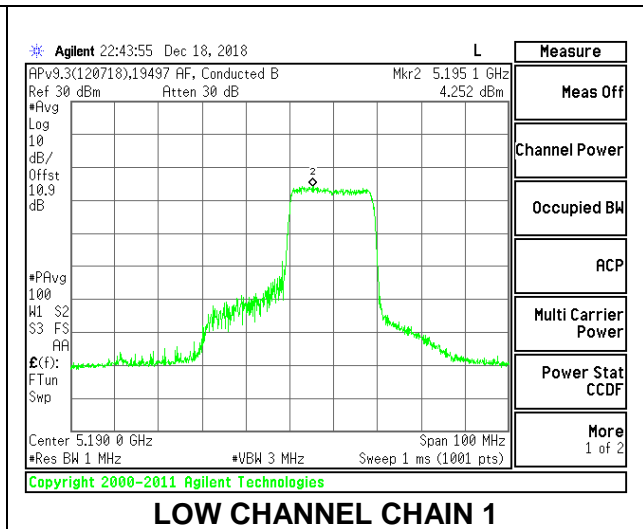
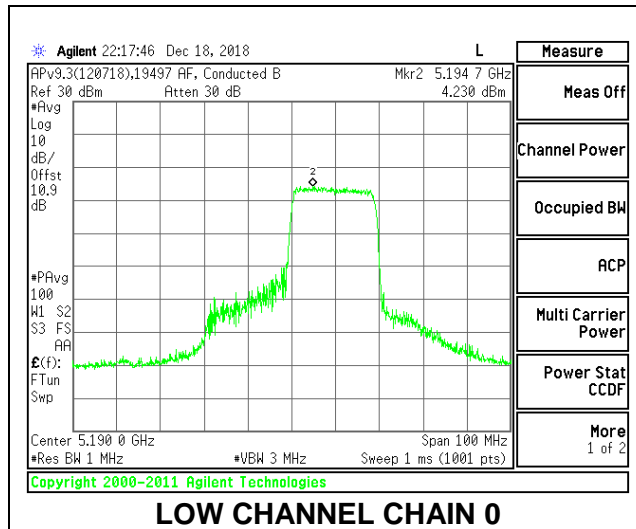
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	16.73	16.32	19.54	24.00	-4.46
High	5230	16.70	16.29	19.51	24.00	-4.49

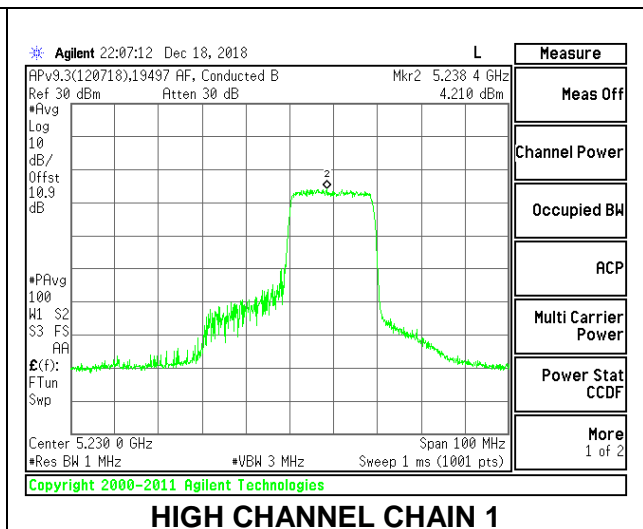
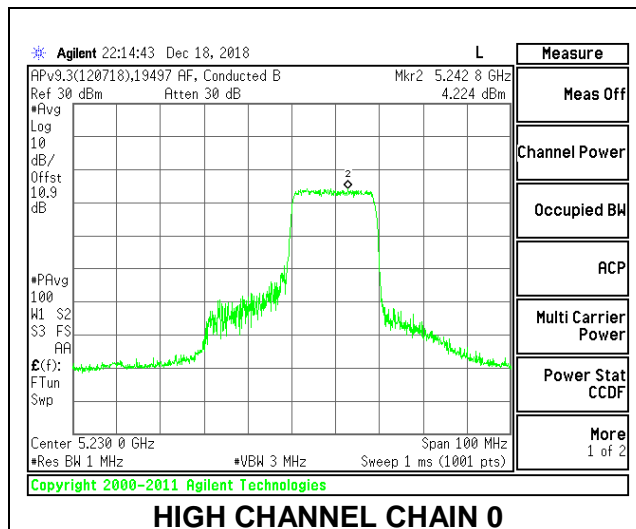
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	4.230	4.252	7.92	11.00	-3.08
High	5230	4.224	4.210	7.90	11.00	-3.10

### LOW CHANNEL



### HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 53**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	1.00	24.00	11.00
High	5230	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.36	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

**Output Power Results**

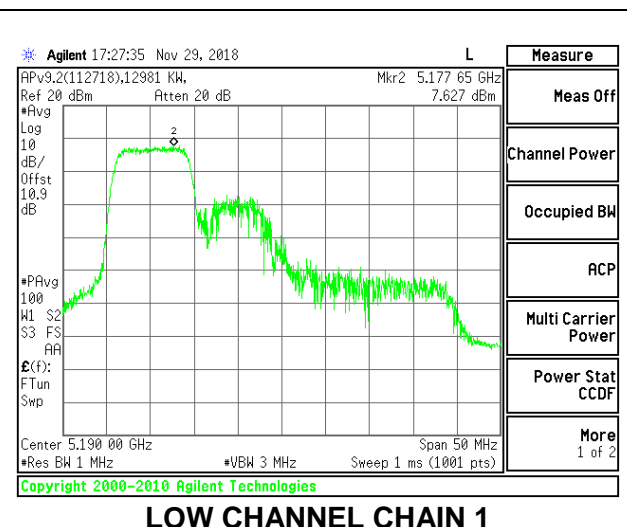
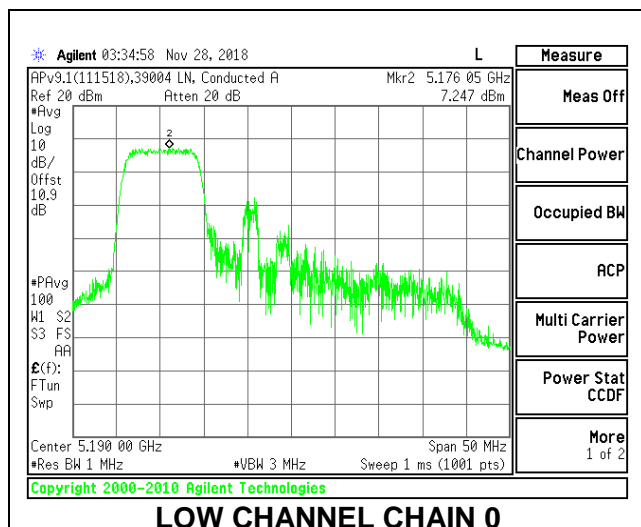
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	15.94	15.40	18.69	24.00	-5.31
High	5230	15.92	15.41	18.68	24.00	-5.32

**PSD Results**

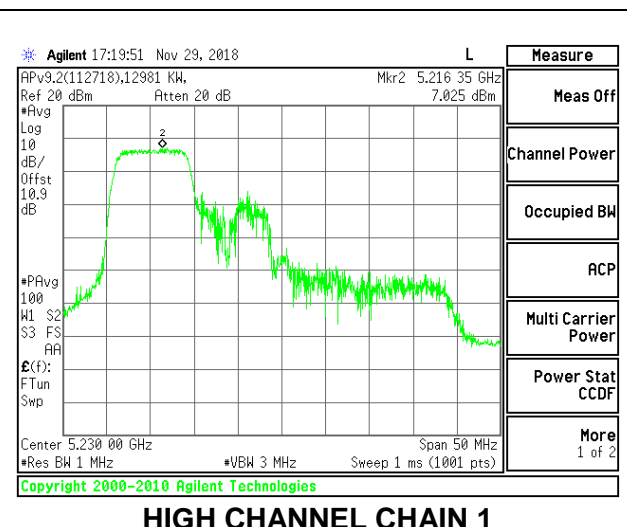
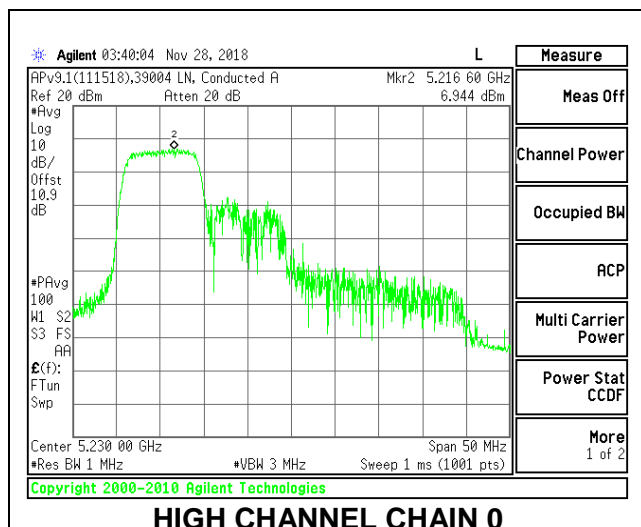
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	7.247	7.627	10.81	11.00	-0.19
High	5230	6.944	7.025	10.35	11.00	-0.65



### LOW CHANNEL



### HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 54**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	1.00	24.00	11.00
High	5230	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.36	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

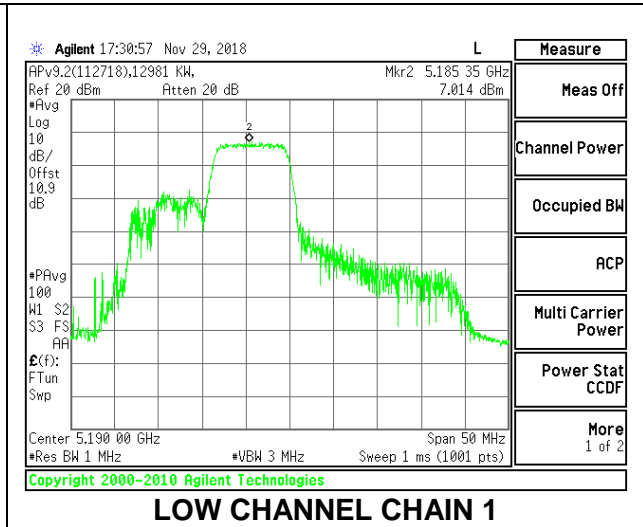
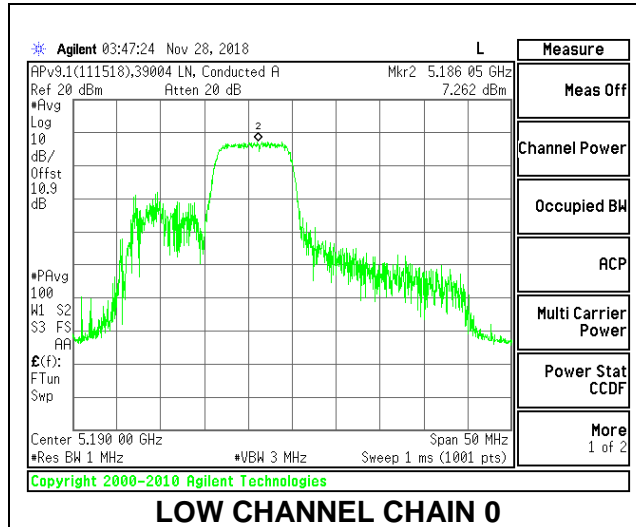
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	15.48	15.11	18.31	24.00	-5.69
High	5230	15.47	15.10	18.30	24.00	-5.70

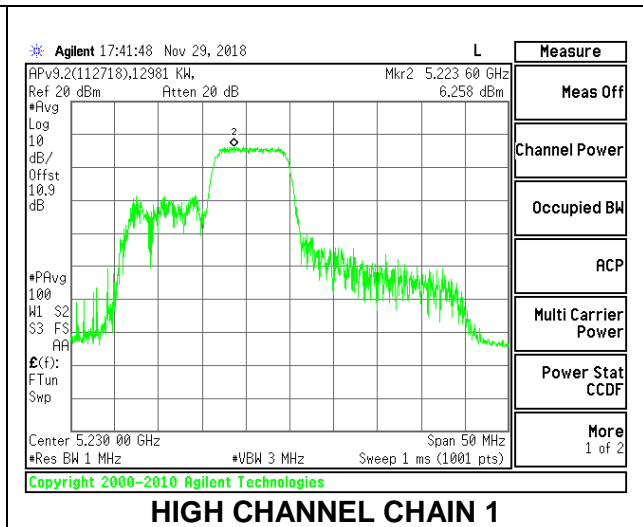
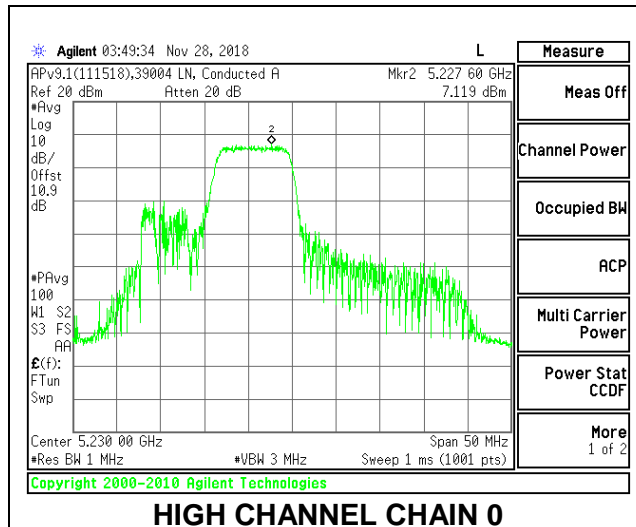
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	7.262	7.014	10.51	11.00	-0.49
High	5230	7.119	6.258	10.08	11.00	-0.92

### LOW CHANNEL



### HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 56**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	1.00	24.00	11.00
High	5230	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.36	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

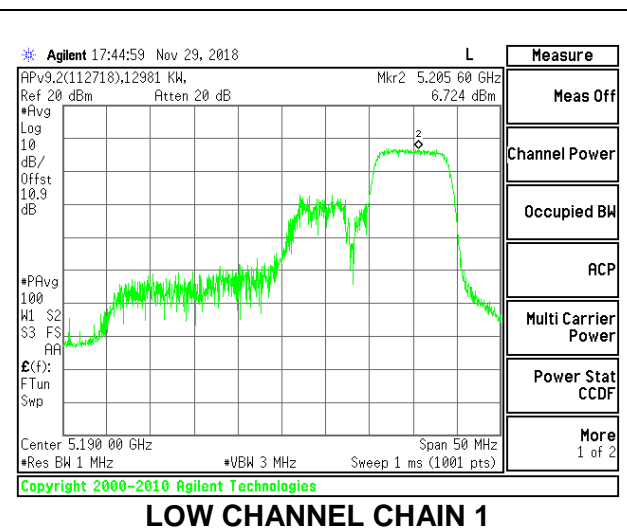
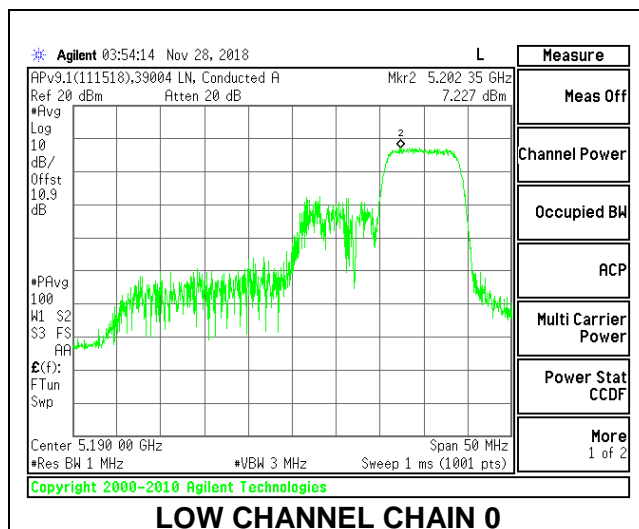
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	15.24	14.87	18.07	24.00	-5.93
High	5230	15.23	14.86	18.06	24.00	-5.94

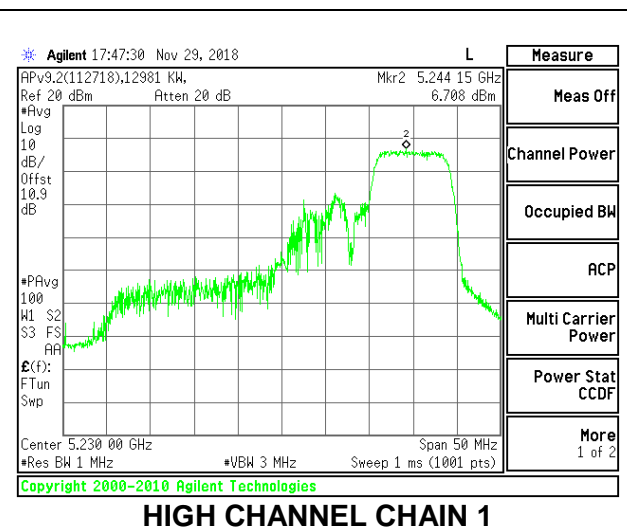
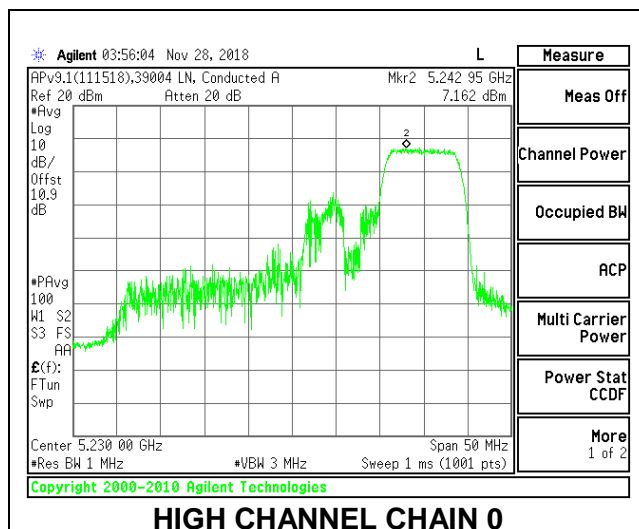
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	7.227	6.724	10.35	11.00	-0.65
High	5230	7.162	6.708	10.31	11.00	-0.69

### LOW CHANNEL



### HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 37**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	1.00	24.00	11.00
High	5230	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.17	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

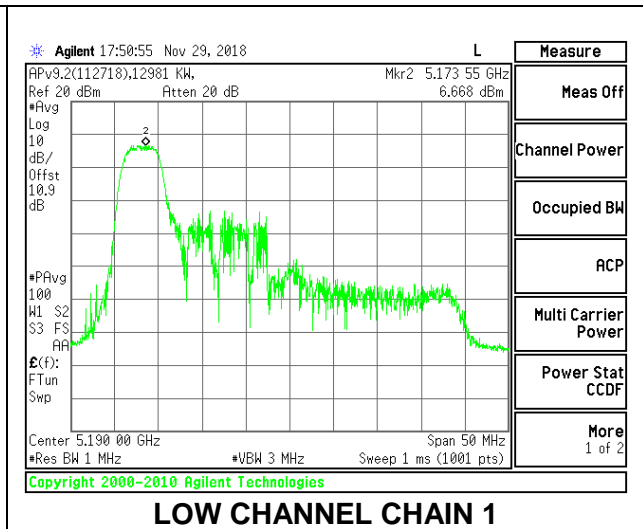
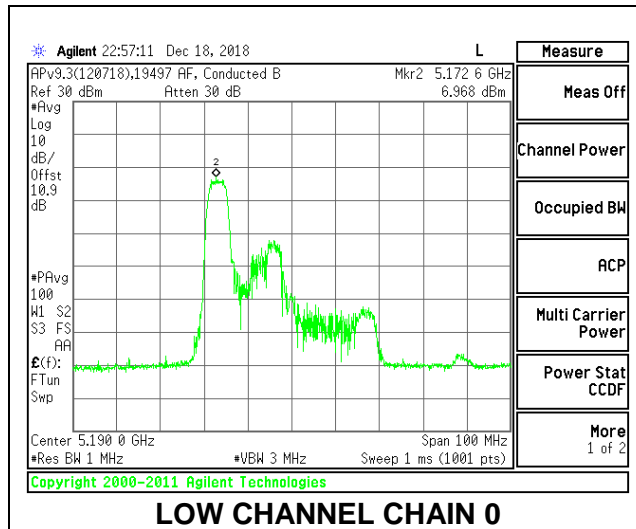
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	12.38	12.10	15.25	24.00	-8.75
High	5230	12.38	12.05	15.23	24.00	-8.77

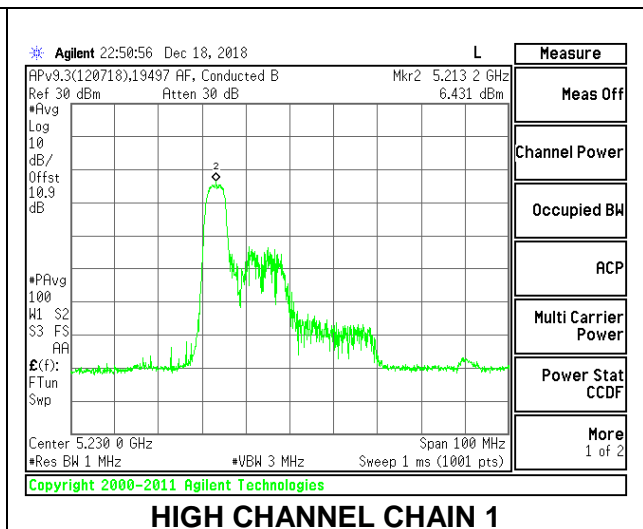
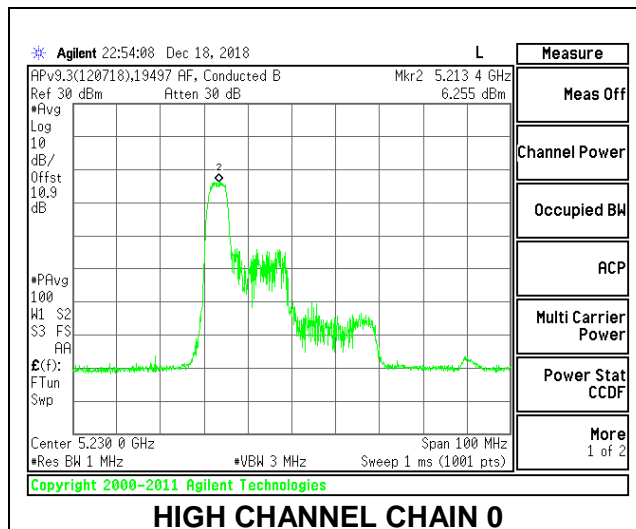
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	6.968	6.668	10.00	11.00	-1.00
High	5230	6.255	6.431	9.52	11.00	-1.48

### LOW CHANNEL



### HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 40**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	1.00	24.00	11.00
High	5230	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.17	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

**Output Power Results**

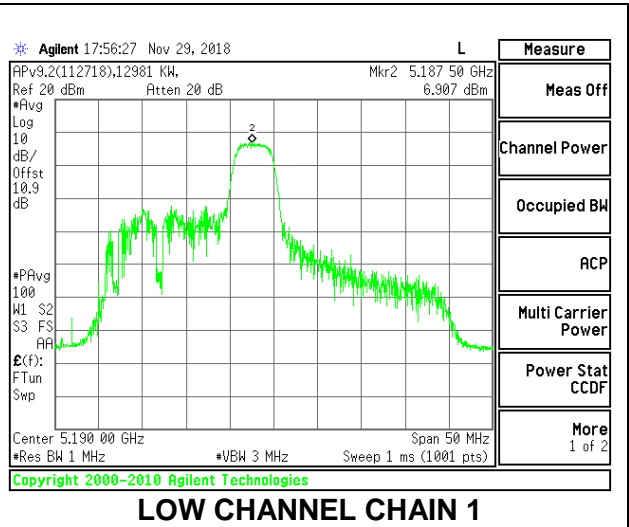
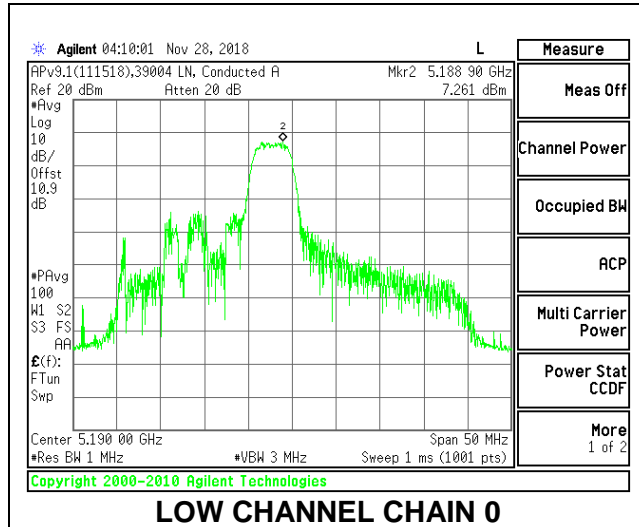
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	12.36	11.99	15.19	24.00	-8.81
High	5230	12.34	11.98	15.17	24.00	-8.83

**PSD Results**

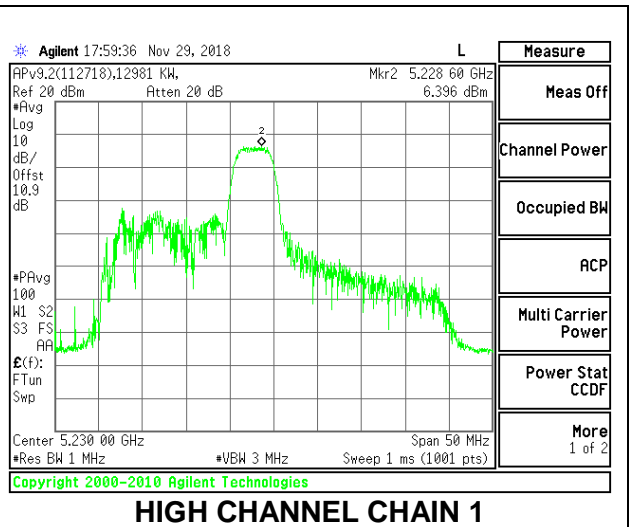
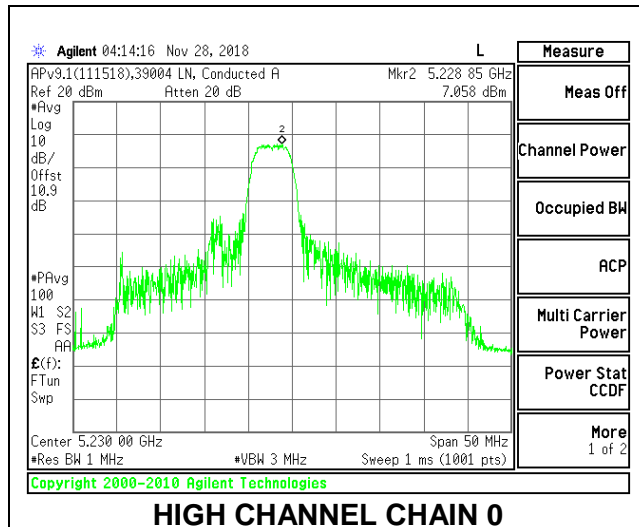
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	7.261	6.907	10.27	11.00	-0.73
High	5230	7.058	6.396	9.92	11.00	-1.08



### LOW CHANNEL



### HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 44**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	1.00	24.00	11.00
High	5230	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.17	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

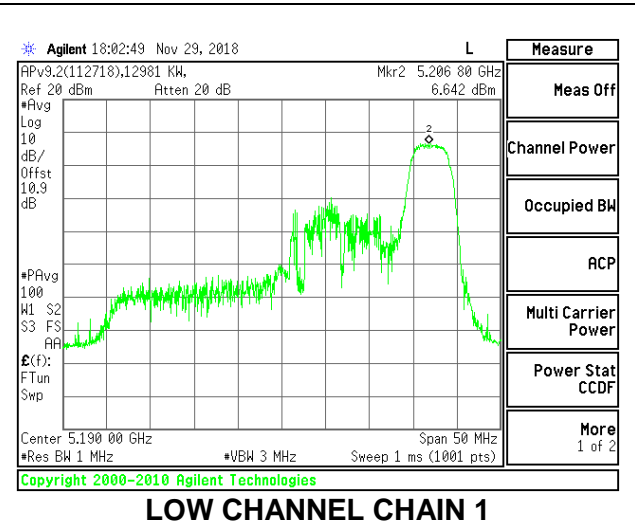
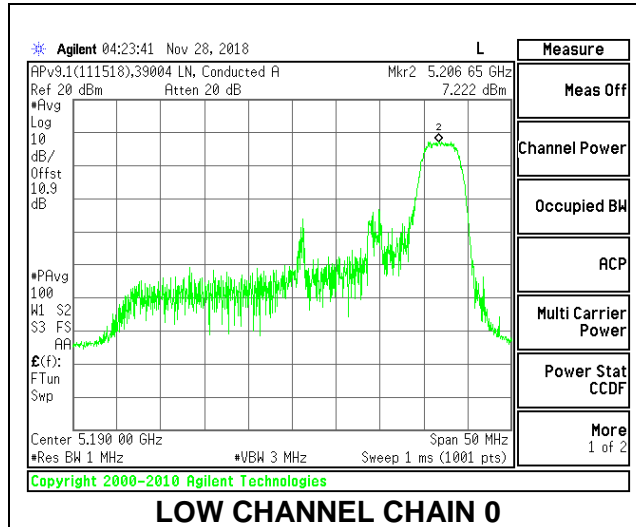
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	12.26	11.89	15.09	24.00	-8.91
High	5230	12.27	11.90	15.10	24.00	-8.90

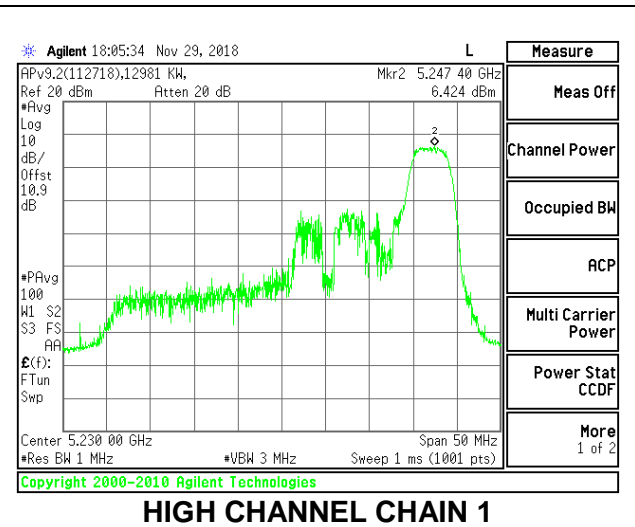
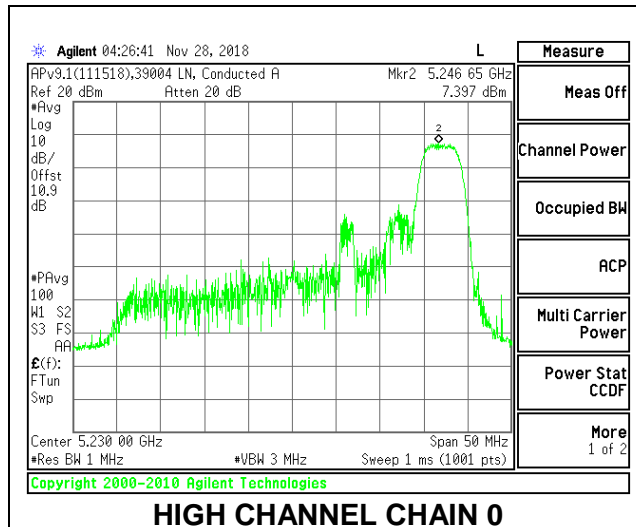
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	7.222	6.642	10.12	11.00	-0.88
High	5230	7.397	6.424	10.12	11.00	-0.88

### LOW CHANNEL



### HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 0**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	1.00	24.00	11.00
High	5230	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.10	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

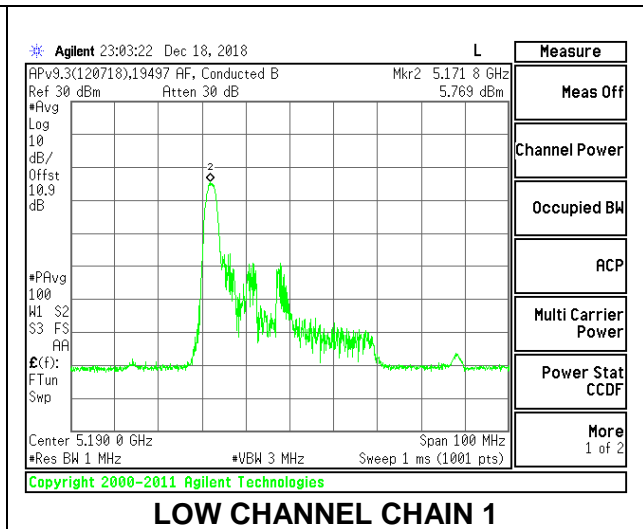
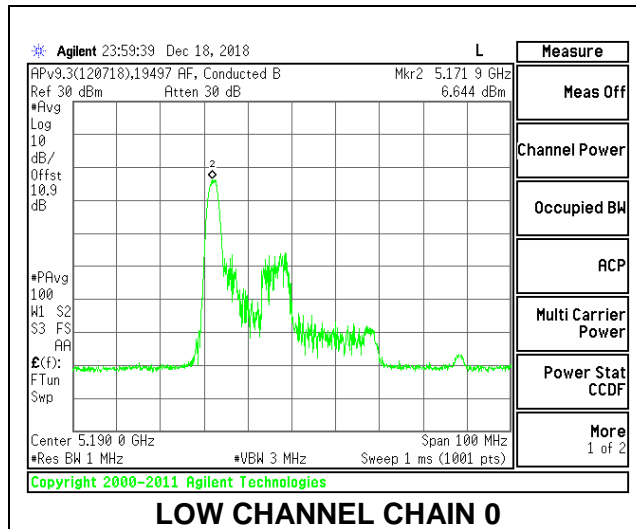
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	9.90	9.53	12.73	24.00	-11.27
High	5230	9.90	9.53	12.73	24.00	-11.27

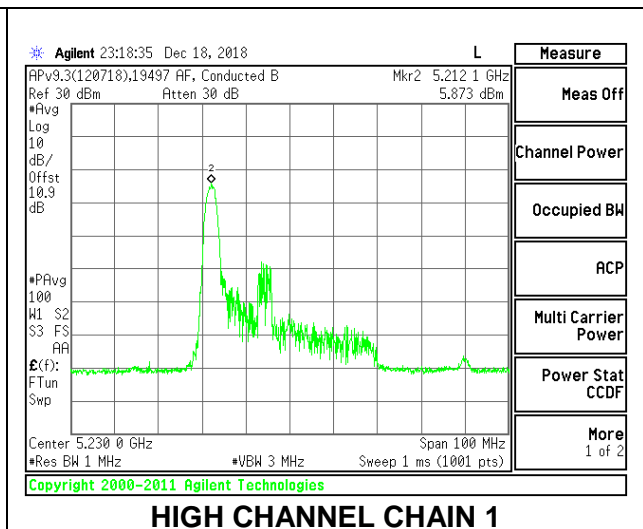
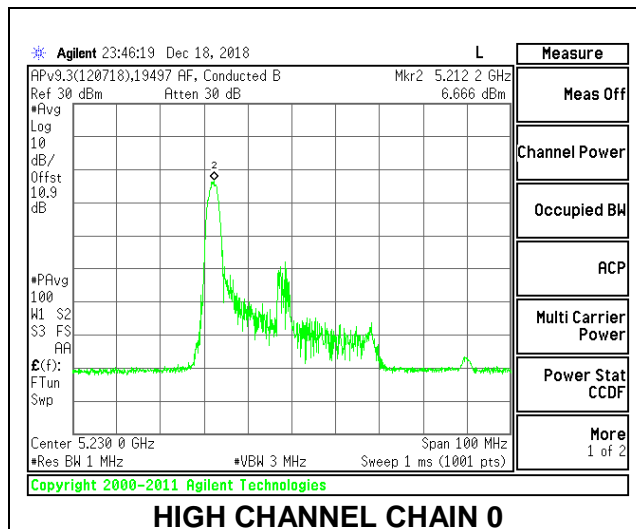
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	6.644	5.769	9.34	11.00	-1.66
High	5230	6.666	5.873	9.40	11.00	-1.60

### LOW CHANNEL



### HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 8**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	1.00	24.00	11.00
High	5230	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.10	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

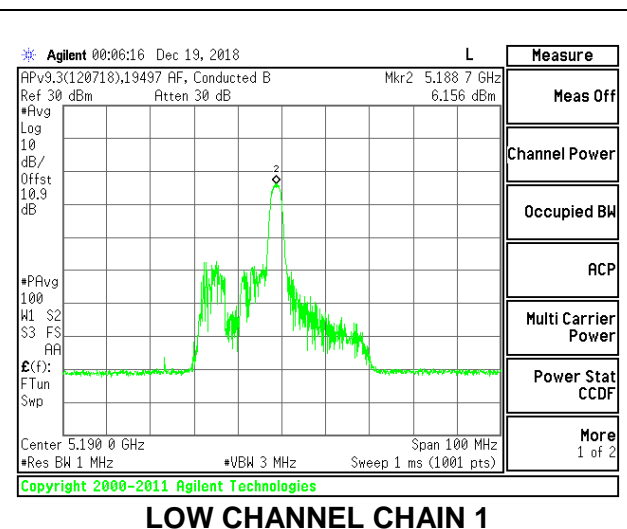
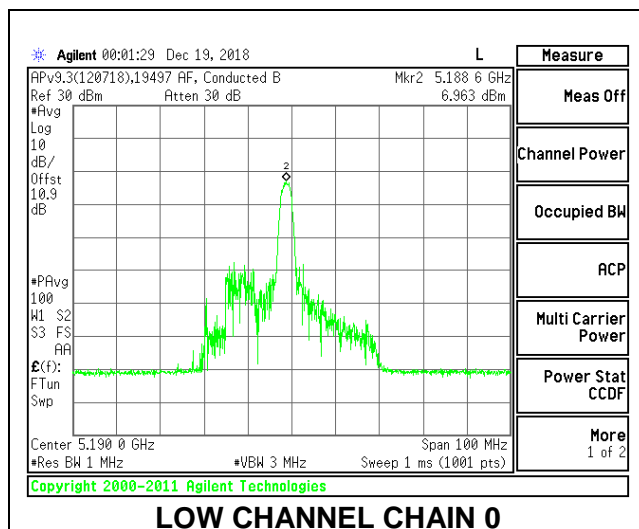
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	9.91	9.54	12.74	24.00	-11.26
High	5230	9.90	9.53	12.73	24.00	-11.27

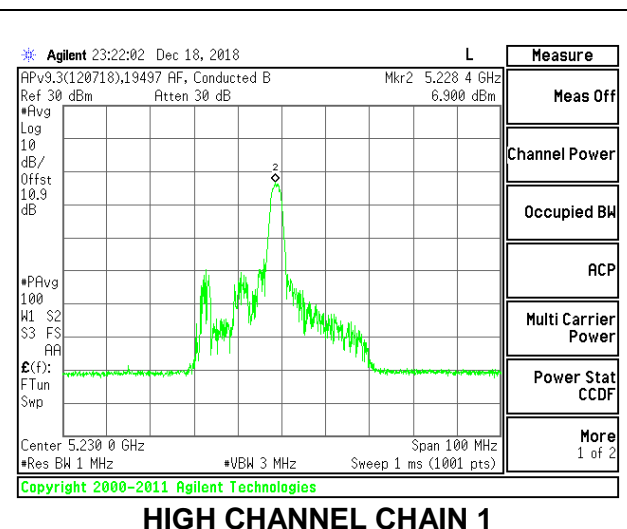
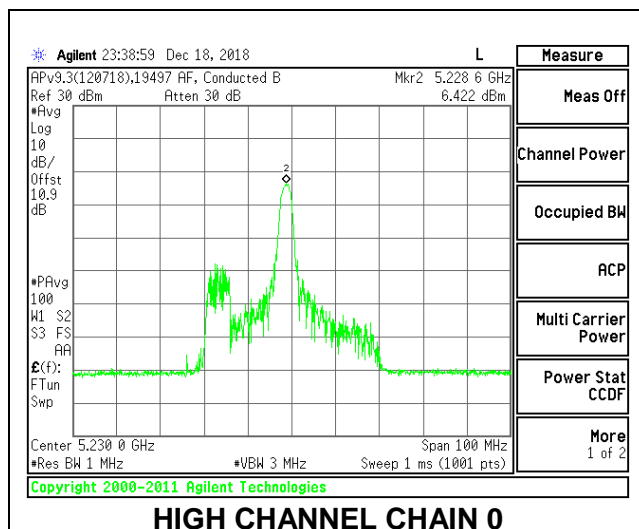
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	6.963	6.156	9.69	11.00	-1.31
High	5230	6.422	6.900	9.78	11.00	-1.22

### LOW CHANNEL



### HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 17**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	1.00	24.00	11.00
High	5230	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.10	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

**Output Power Results**

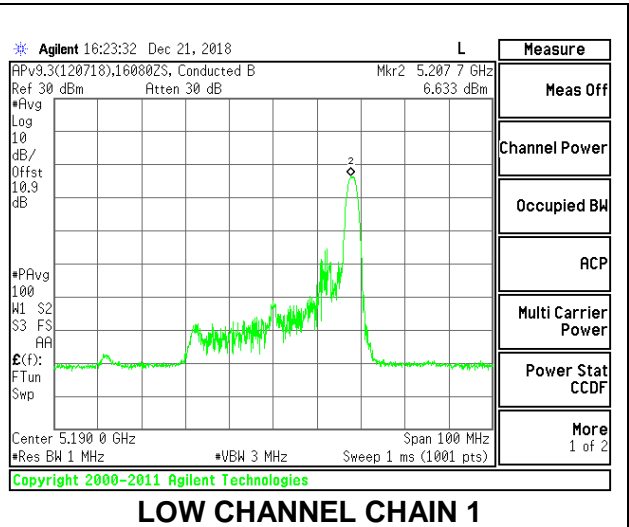
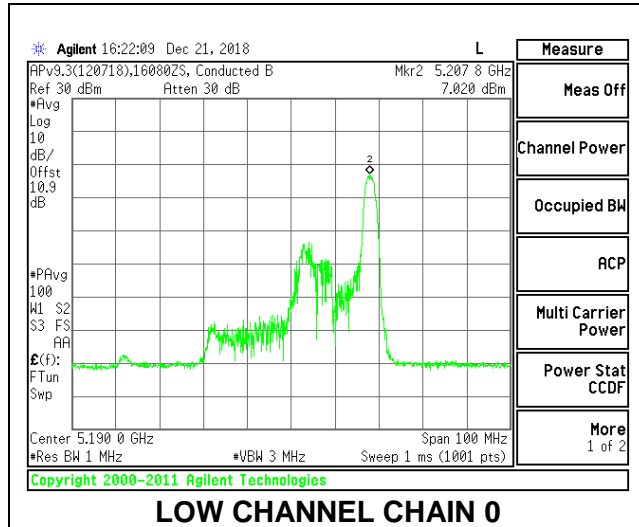
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	9.80	9.50	12.66	24.00	-11.34
High	5230	9.80	9.50	12.66	24.00	-11.34

**PSD Results**

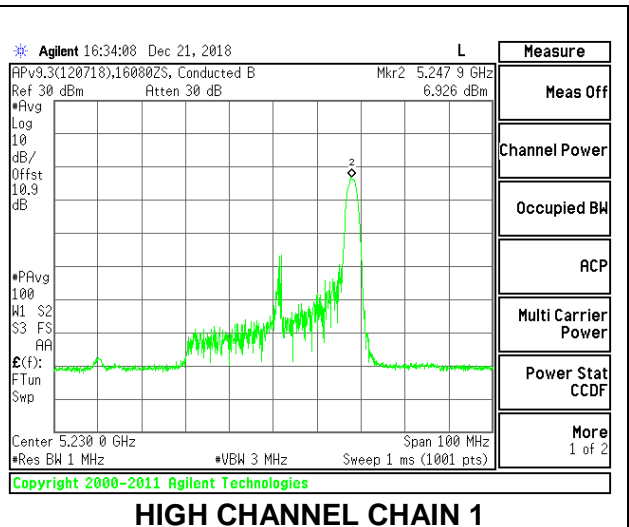
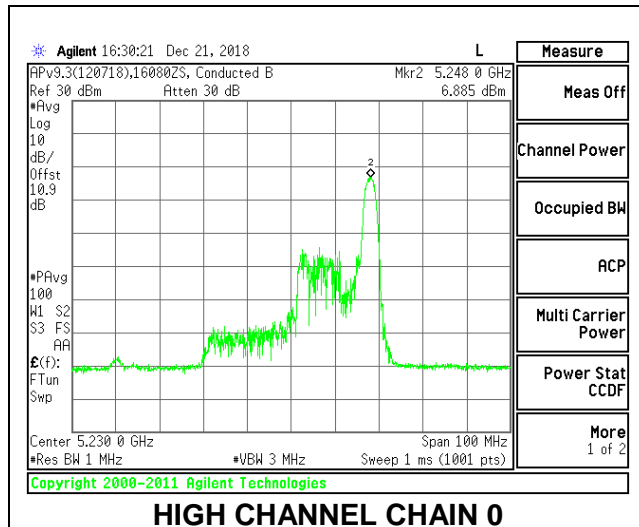
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	7.020	6.633	9.94	11.00	-1.06
High	5230	6.885	6.926	10.02	11.00	-0.98



### LOW CHANNEL



### HIGH CHANNEL



**9.5.7. 802.11ax HE80 MODE IN THE 5.2 GHz BAND**

**2TX Antenna 1 + Antenna 2 OFDMA MODE – 996-Tones, RU Index 67**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	1.89	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

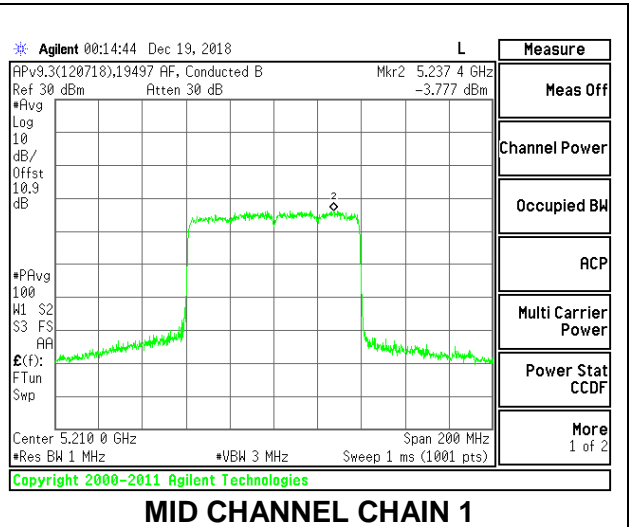
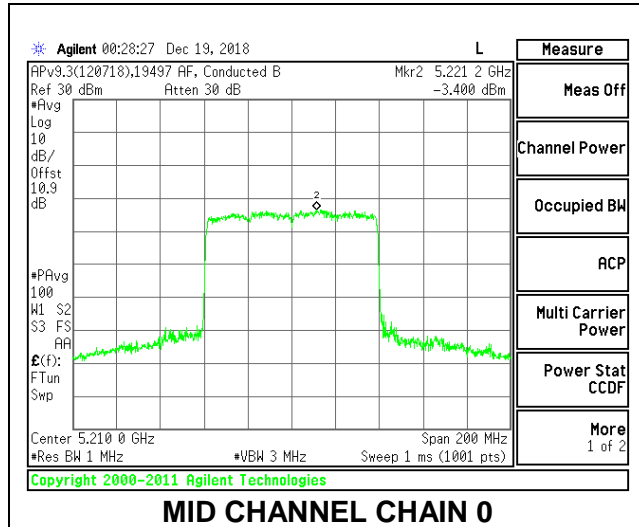
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	14.75	14.32	17.55	24.00	-6.45

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	-3.400	-3.777	1.32	11.00	-9.68

### MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 484-Tones, RU Index 65**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	1.22	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

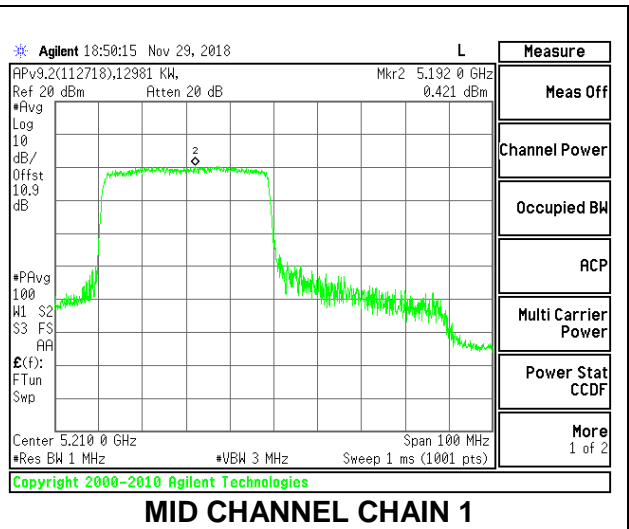
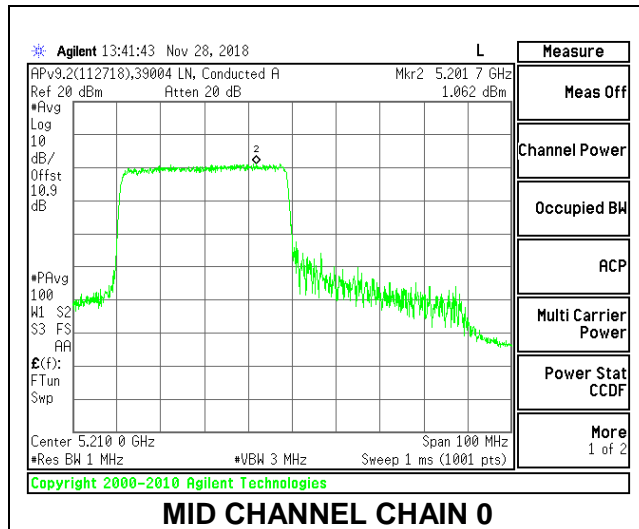
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	15.86	15.46	18.67	24.00	-5.33

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	1.062	0.421	4.98	11.00	-6.02

### MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 484-Tones, RU Index 66**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	1.22	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

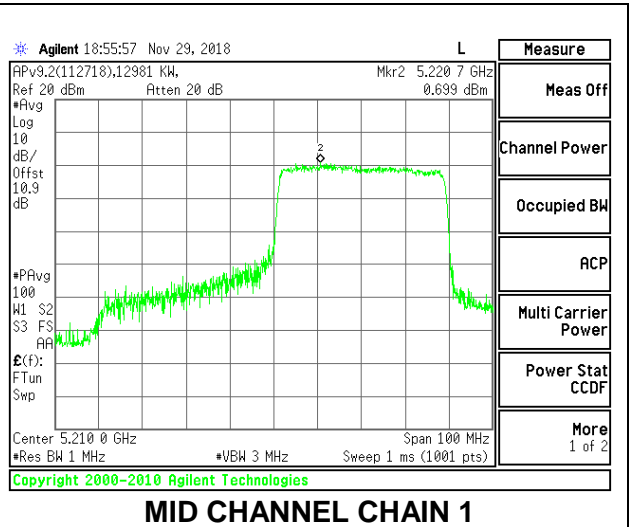
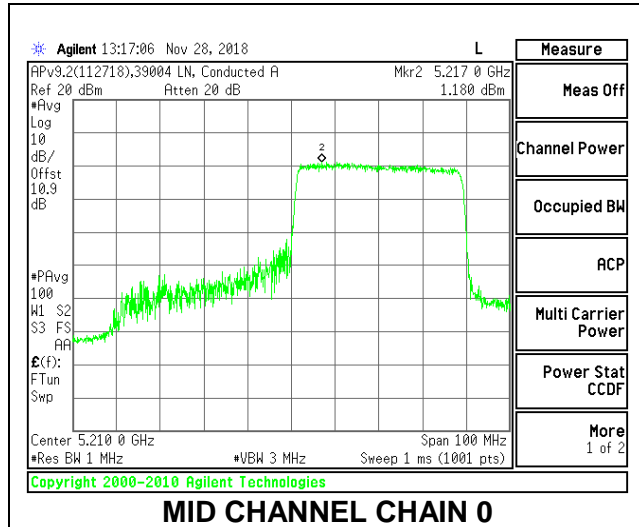
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	15.92	15.48	18.72	24.00	-5.28

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	1.18	0.699	5.18	11.00	-5.82

### MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 61**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.72	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

**Output Power Results**

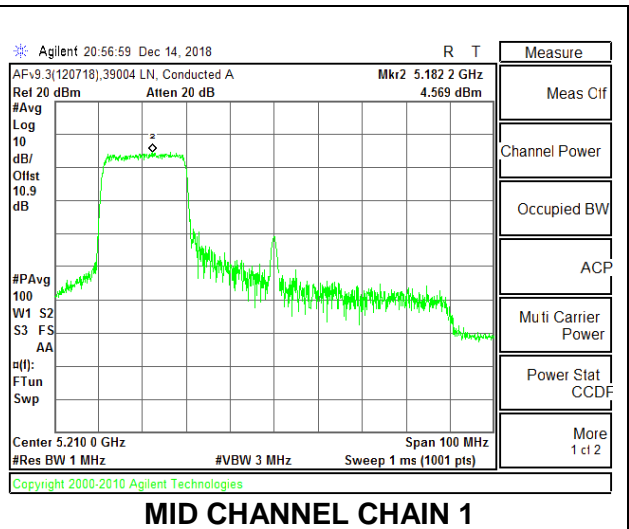
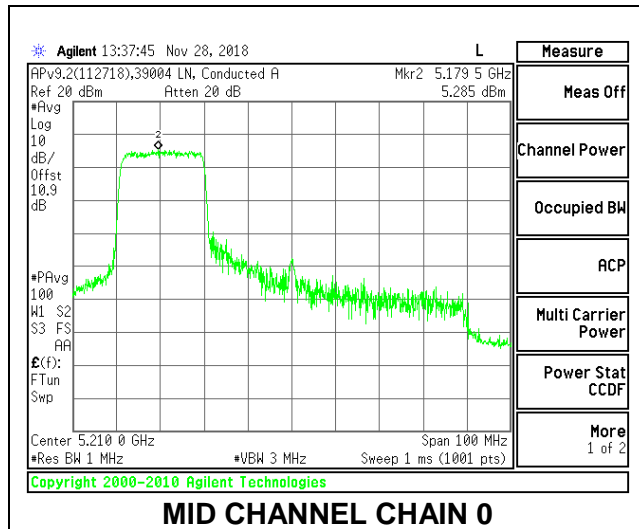
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.82	16.4	19.63	24.00	-4.37

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	5.285	4.569	8.67	11.00	-2.33



### MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 62**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.72	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

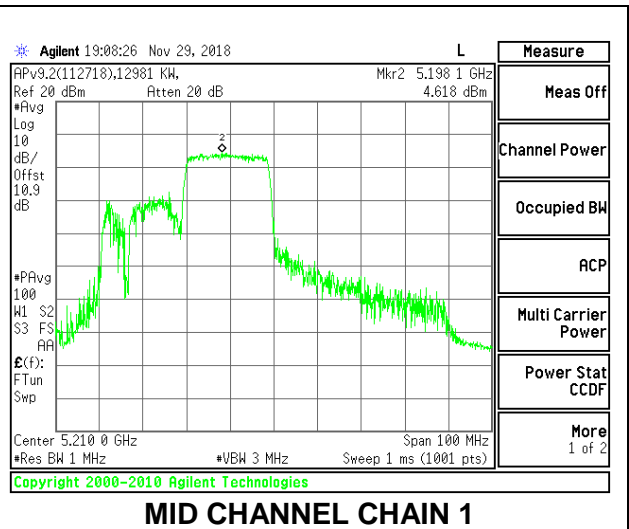
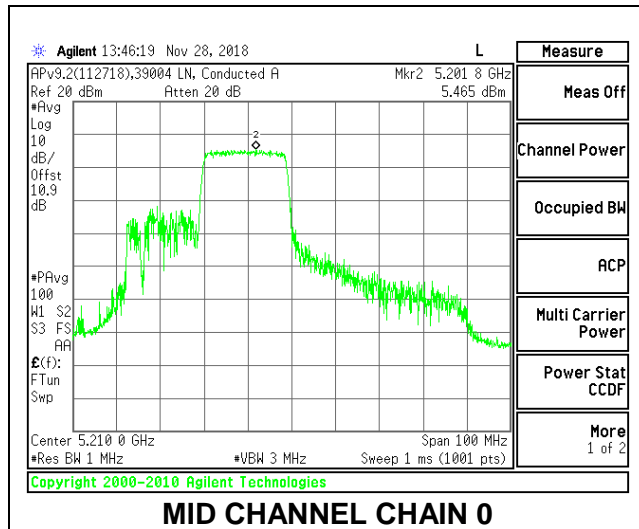
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.92	16.49	19.72	24.00	-4.28

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	5.465	4.618	8.79	11.00	-2.21

### MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 64**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.72	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

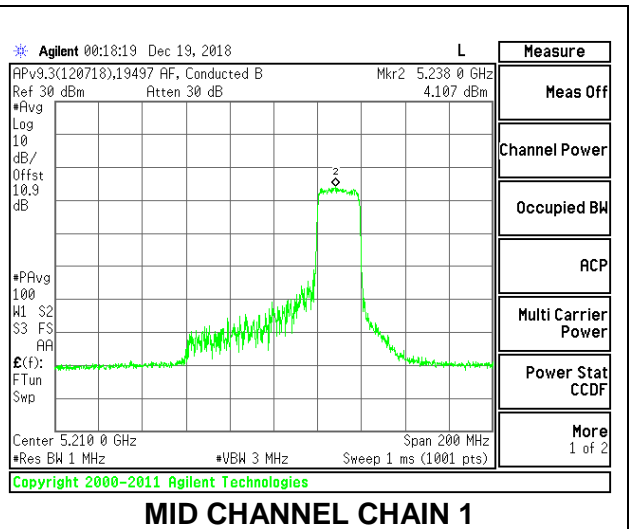
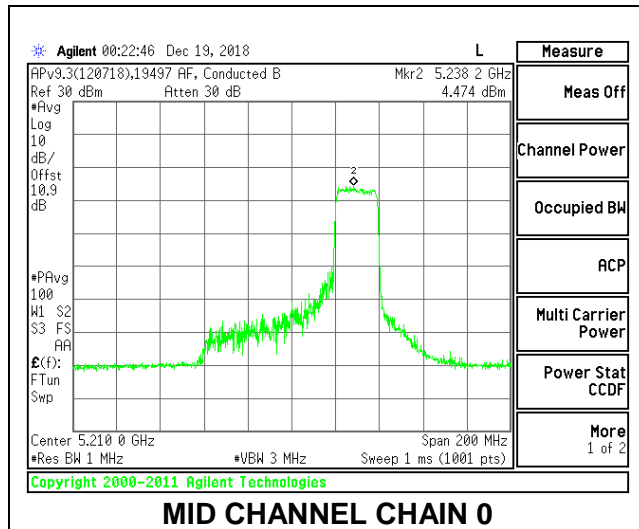
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.84	16.40	19.64	24.00	-4.36

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	4.474	4.107	8.02	11.00	-2.98

### MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 53**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.36	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

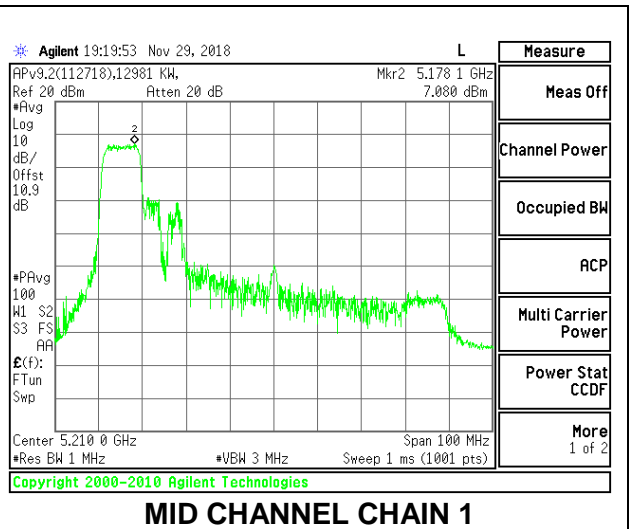
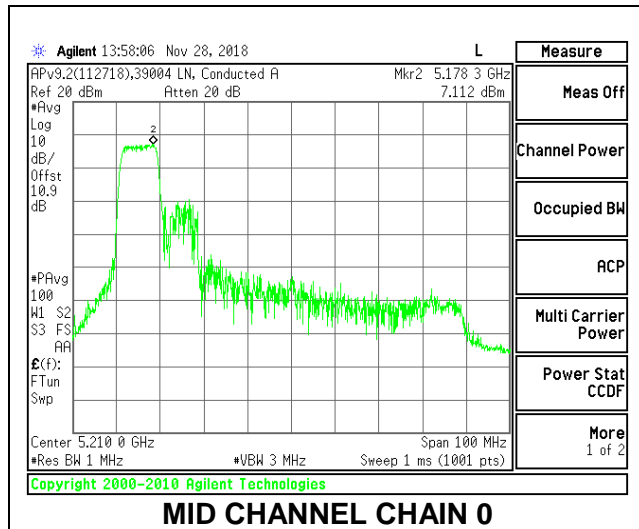
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	15.70	15.28	18.51	24.00	-5.49

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.112	7.080	10.47	11.00	-0.53

### MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 56**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.36	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

**Output Power Results**

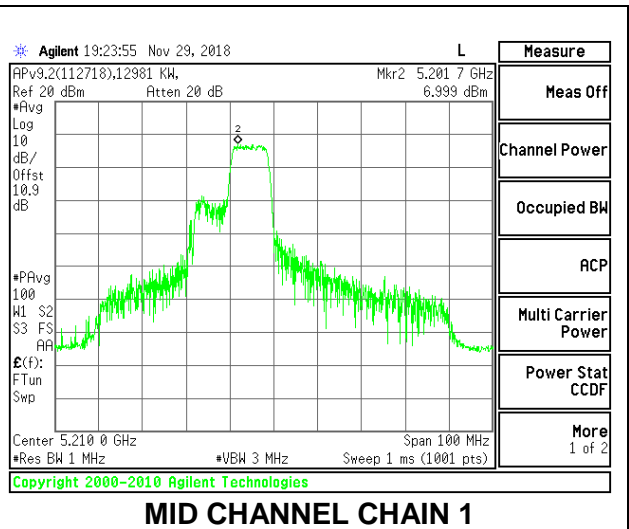
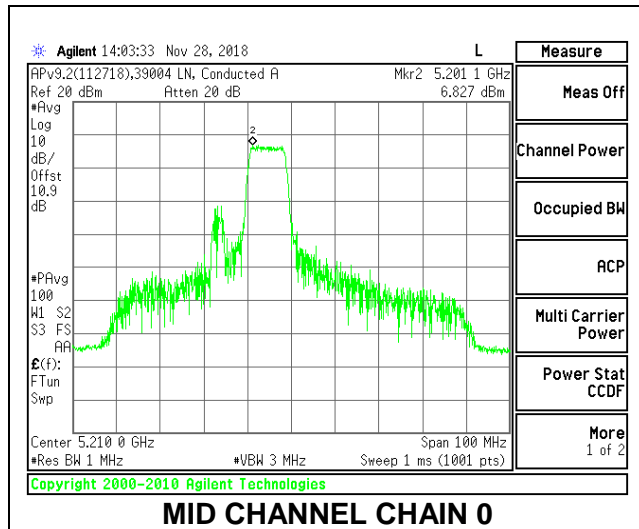
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	15.75	15.34	18.56	24.00	-5.44

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	6.827	6.999	10.28	11.00	-0.72



### MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 60**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.36	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

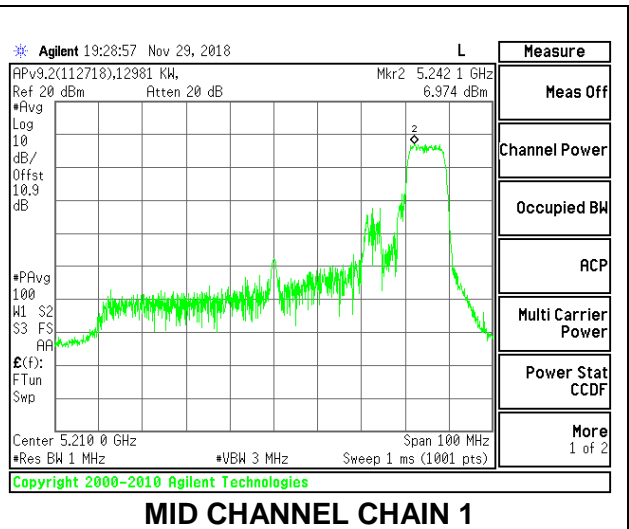
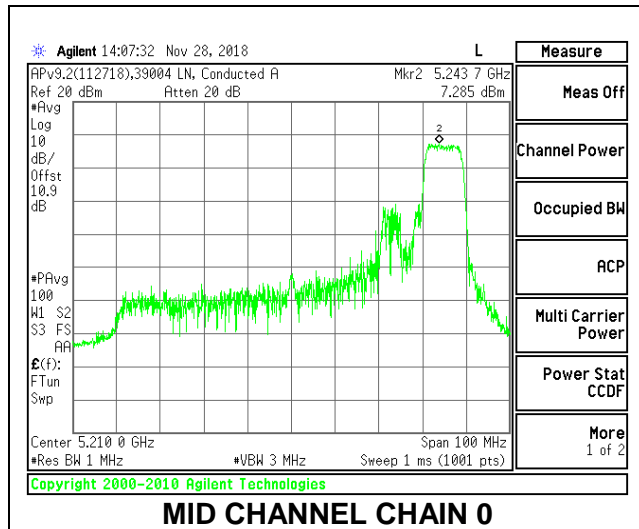
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	15.92	15.48	18.72	24.00	-5.28

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.285	6.974	10.50	11.00	-0.50

### MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 37**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.16	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

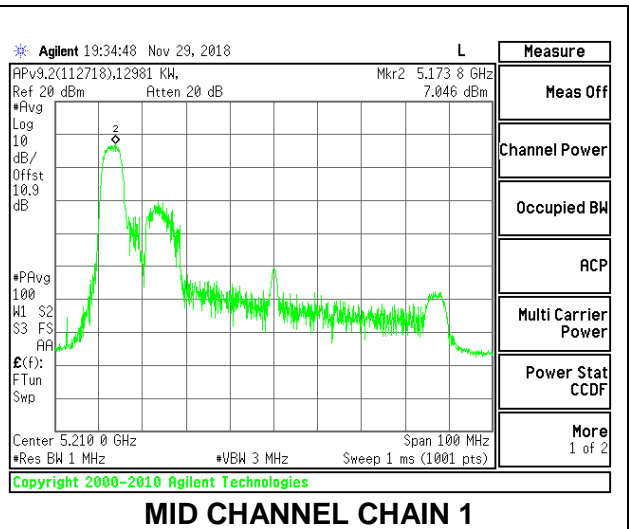
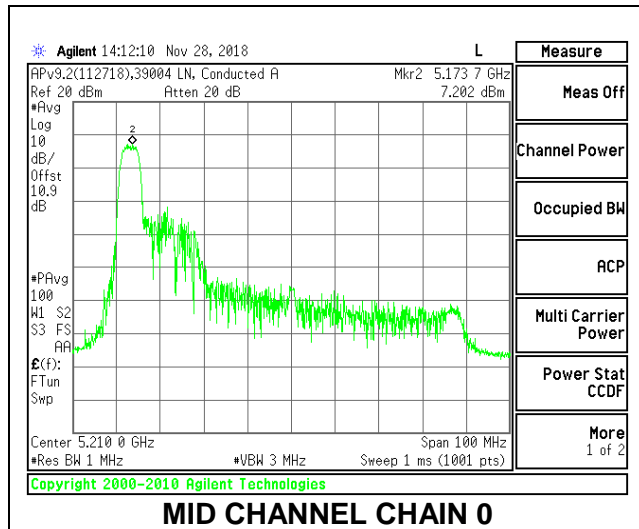
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	12.41	11.98	15.21	24.00	-8.79

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.202	7.046	10.30	11.00	-0.70

### MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 44**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.16	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

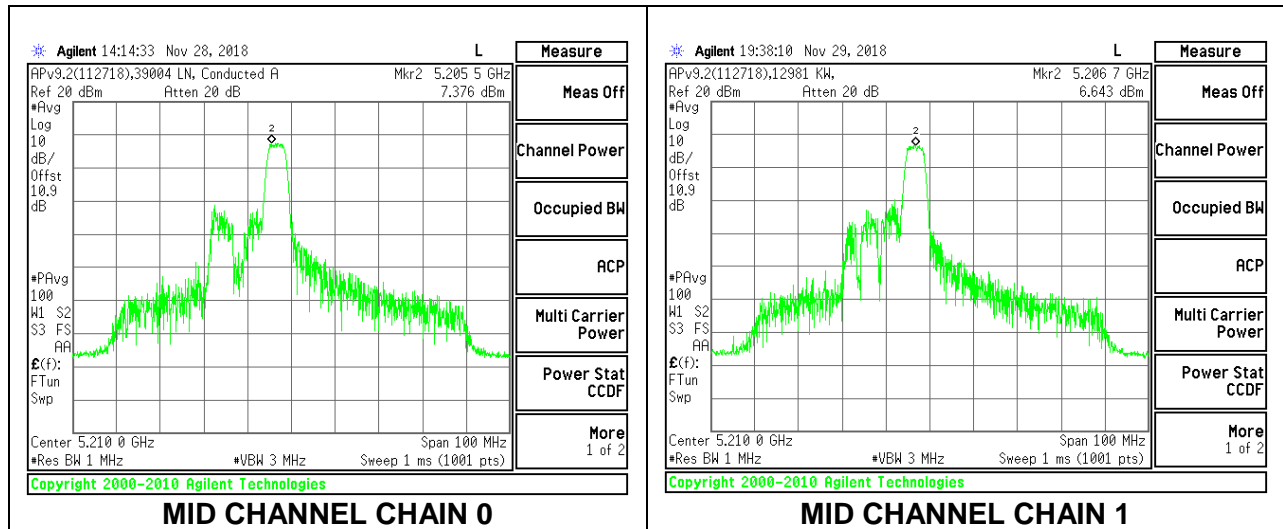
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	12.42	11.99	15.22	24.00	-8.78

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.376	6.643	10.20	11.00	-0.80

### MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 52**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.16	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

**Output Power Results**

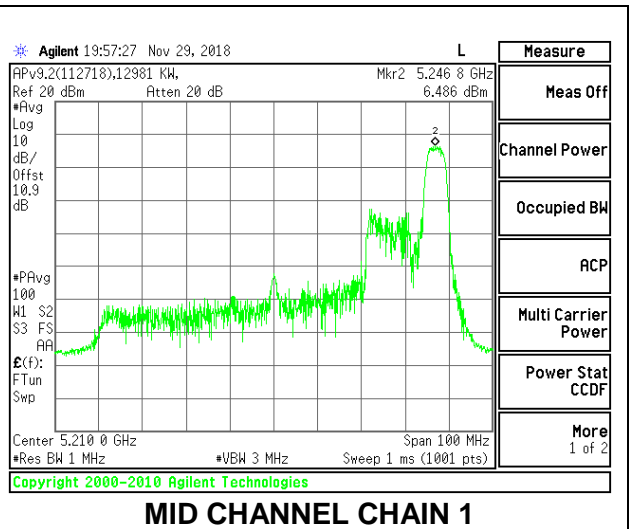
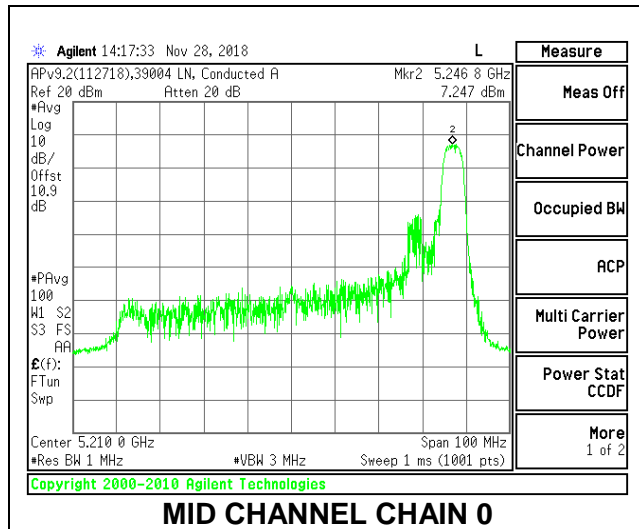
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	12.43	12.00	15.23	24.00	-8.77

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.247	6.486	10.05	11.00	-0.95



### MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 0**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.12	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

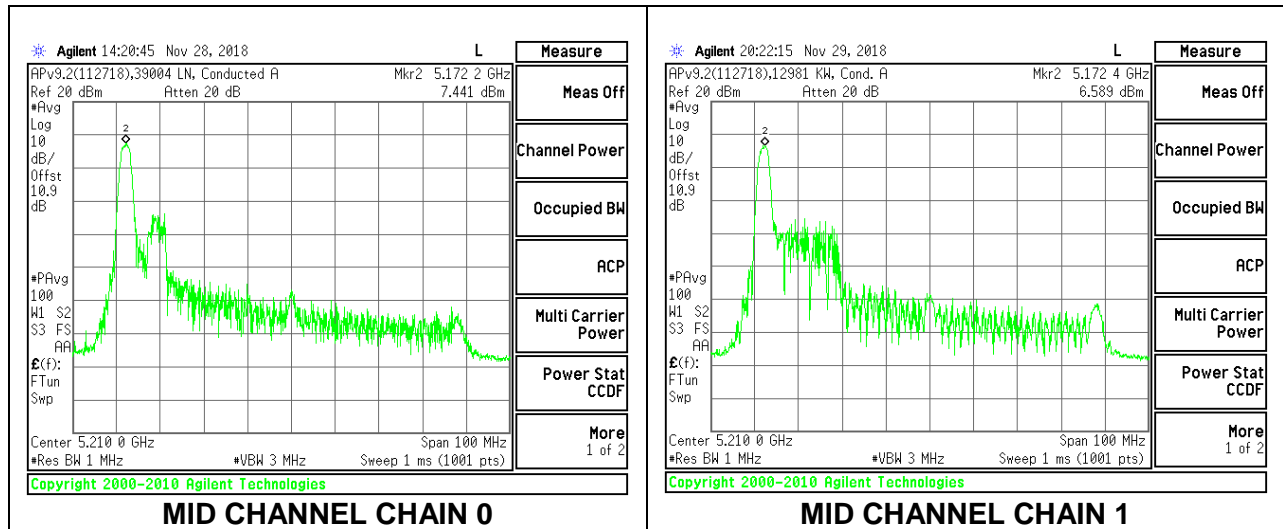
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.27	9.84	13.07	24.00	-10.93

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.441	6.589	10.17	11.00	-0.83

### MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 18**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.12	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

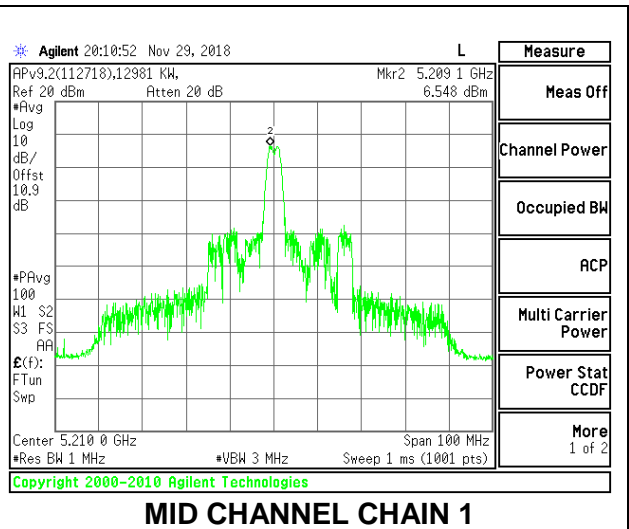
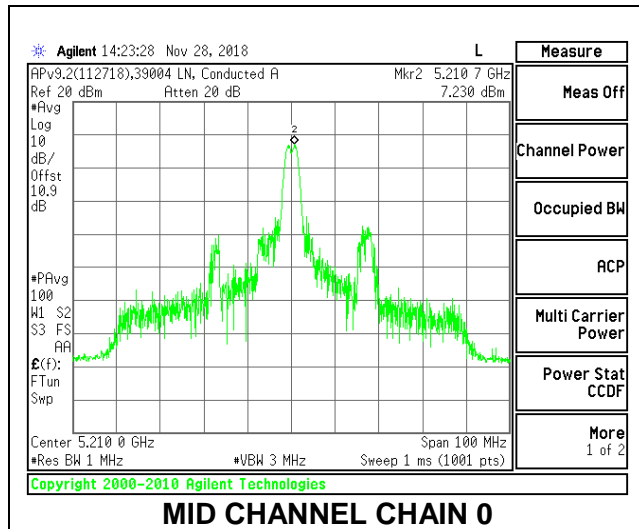
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.78	10.52	13.66	24.00	-10.34

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.230	6.548	10.03	11.00	-0.97

### MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 36**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	1.00	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.12	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

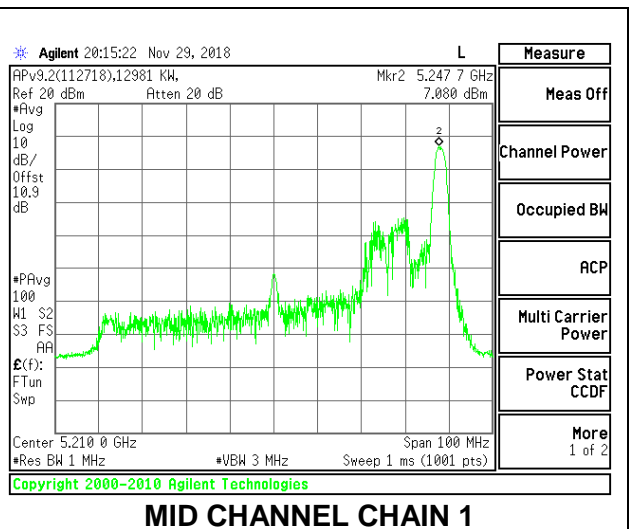
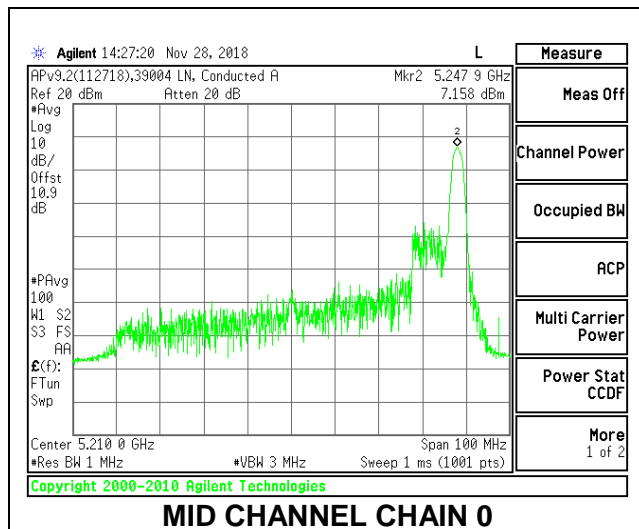
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	9.71	9.50	12.62	24.00	-11.38

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.158	7.080	10.25	11.00	-0.75

### MID CHANNEL



**9.5.8. 802.11a MODE IN THE 5.3 GHz BAND**

**2TX Antenna 1 + Antenna 2 CDD MODE (FCC)**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	21.90	-1.02	1.93	24.00	11.00
Mid	5300	21.80	-1.02	1.93	24.00	11.00
High	5320	21.85	-1.02	1.93	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.29	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

**Output Power Results**

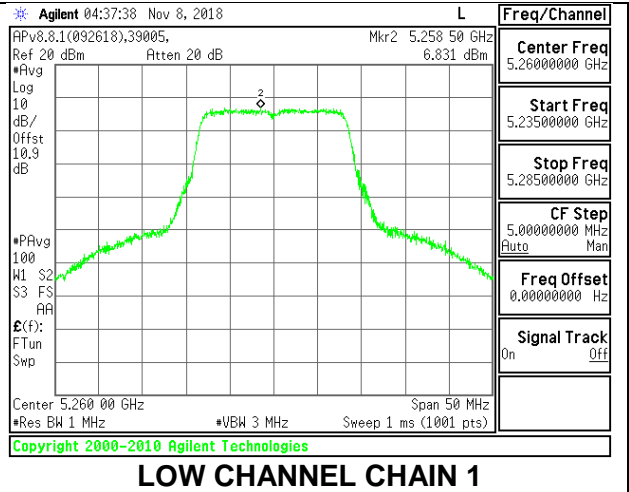
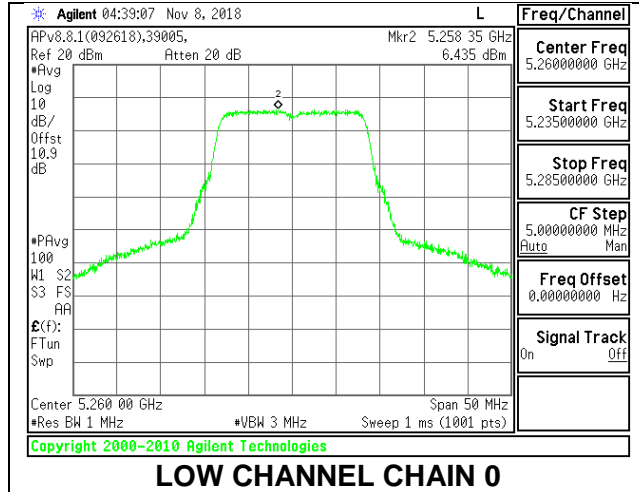
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	16.88	16.20	19.56	24.00	-4.44
Mid	5300	16.92	16.18	19.58	24.00	-4.42
High	5320	16.92	16.19	19.58	24.00	-4.42

**PSD Results**

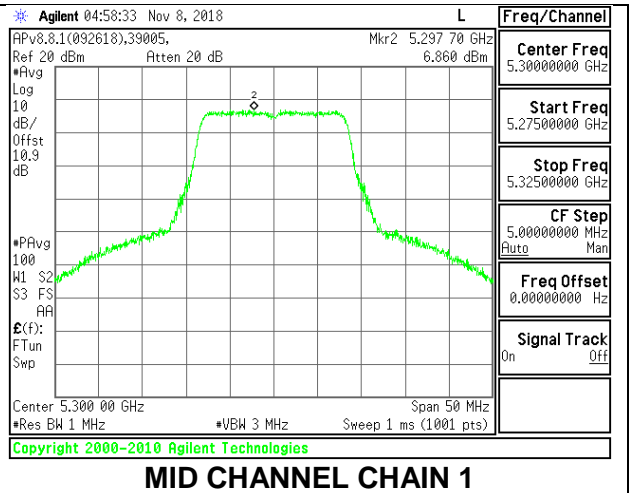
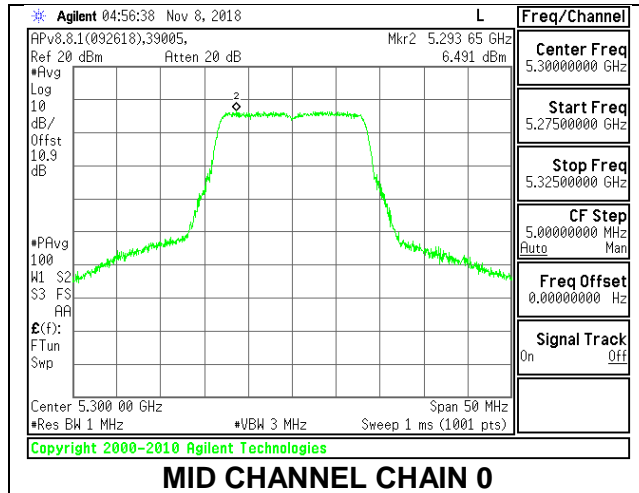
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	6.44	6.83	9.94	11.00	-1.06
Mid	5300	6.49	6.86	9.98	11.00	-1.02
High	5320	6.40	6.66	9.83	11.00	-1.17



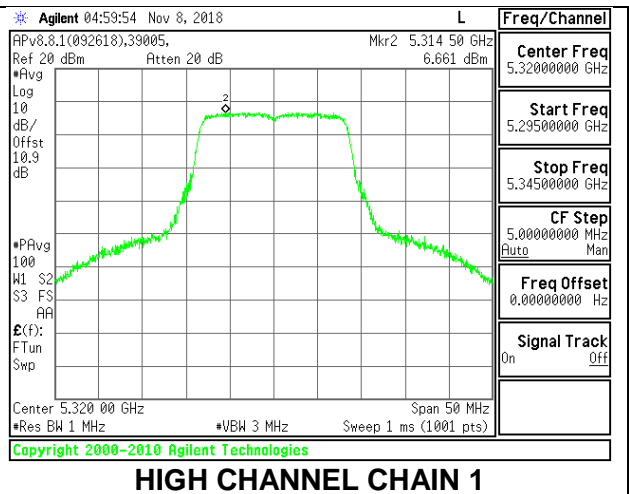
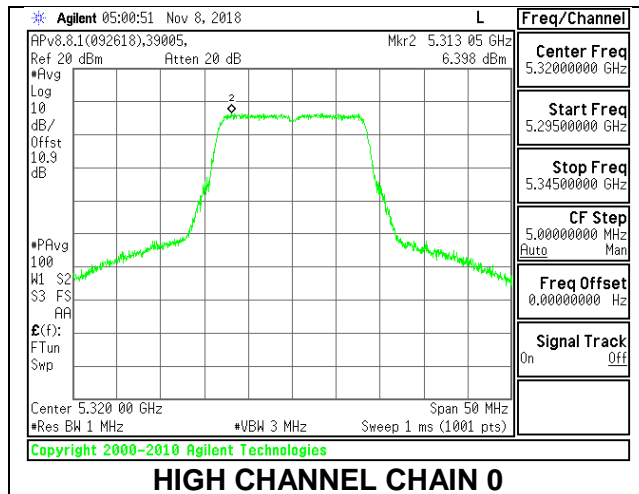
**LOW CHANNEL**



**MID CHANNEL**



**HIGH CHANNEL**



**9.5.9. 802.11n HT20 MODE IN THE 5.3 GHz BAND**

**2TX Antenna 1 + Antenna 2 CDD MODE (FCC)**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	22.05	-1.02	1.93	24.00	11.00
Mid	5300	22.20	-1.02	1.93	24.00	11.00
High	5320	22.05	-1.02	1.93	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.31	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

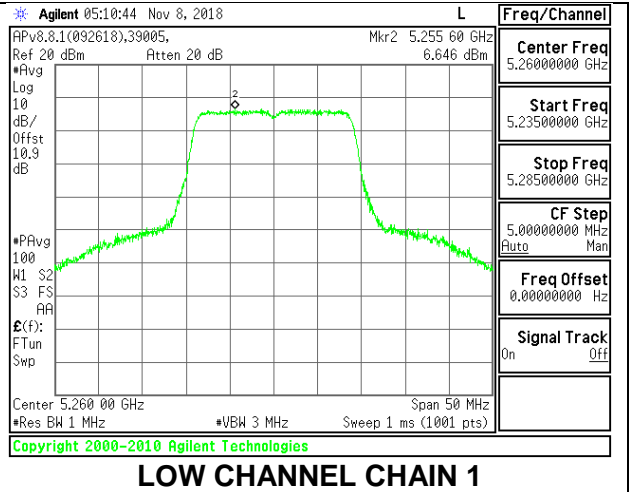
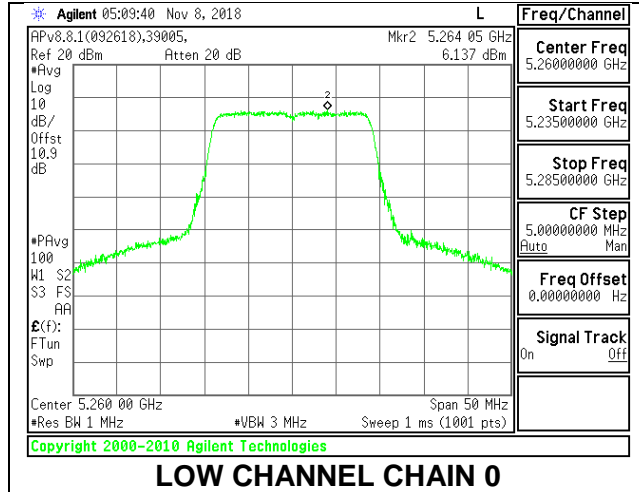
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	16.90	16.22	19.58	24.00	-4.42
Mid	5300	16.93	16.10	19.55	24.00	-4.45
High	5320	16.93	16.21	19.60	24.00	-4.40

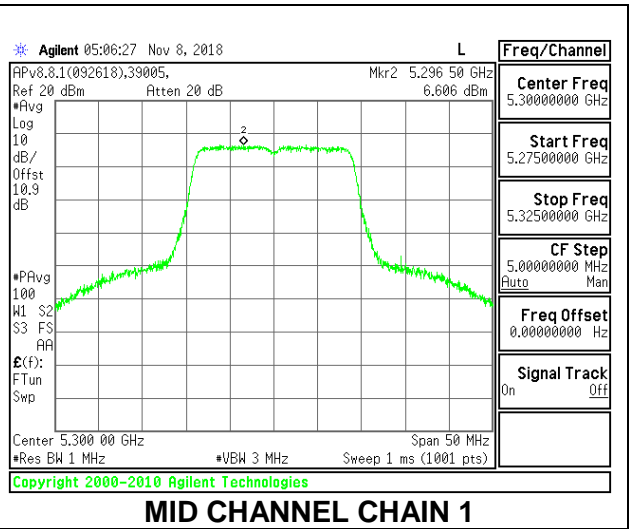
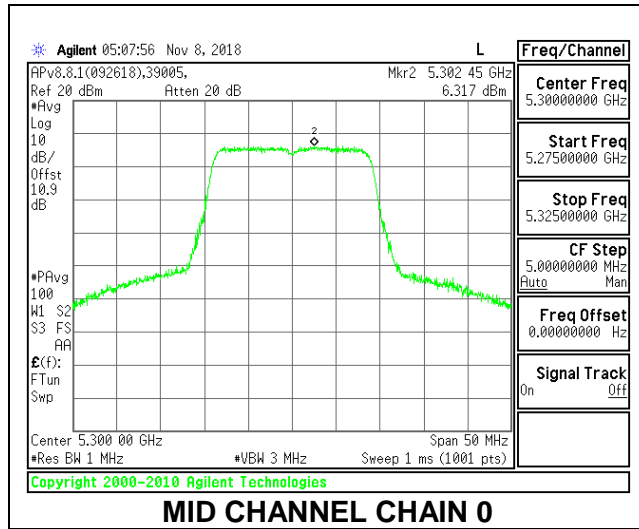
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	6.14	6.65	9.72	11.00	-1.28
Mid	5300	6.32	6.61	9.78	11.00	-1.22
High	5320	6.16	6.28	9.54	11.00	-1.46

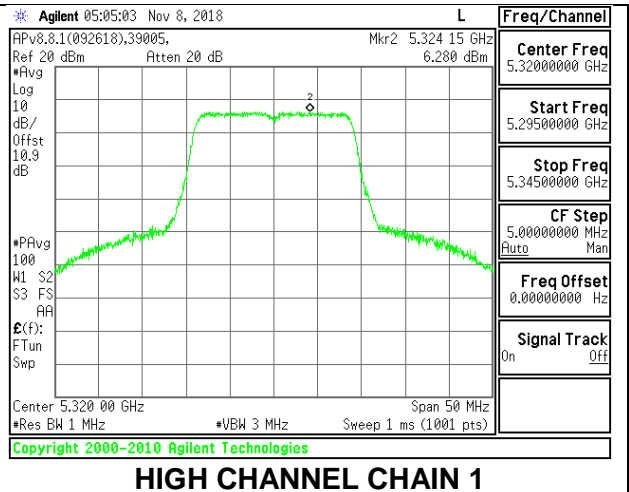
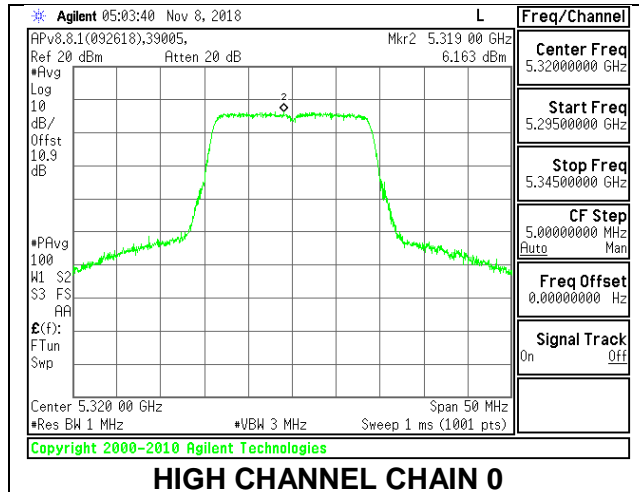
### LOW CHANNEL



### MID CHANNEL



### HIGH CHANNEL



### 9.5.10. 802.11n HT40 MODE IN THE 5.3 GHz BAND

#### 2TX Antenna 1 + Antenna 2 CDD MODE (FCC)

##### Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	42.50	-1.02	1.93	24.00	11.00
High	5310	42.60	-1.02	1.93	24.00	11.00

Duty Cycle CF (dB)	0.60	Included in Calculations of Corr'd PSD
--------------------	------	--

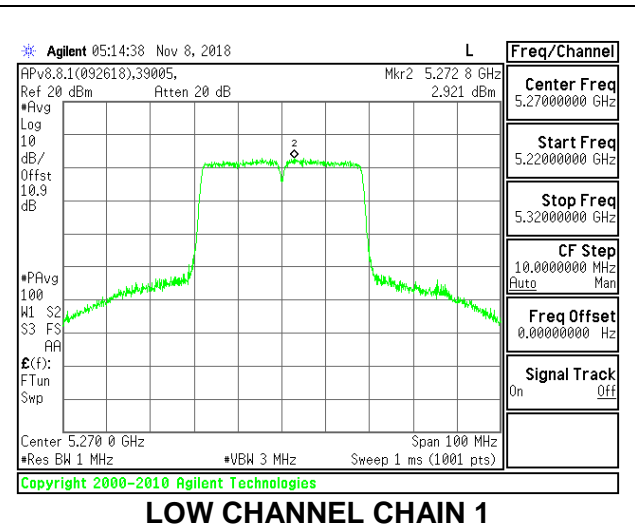
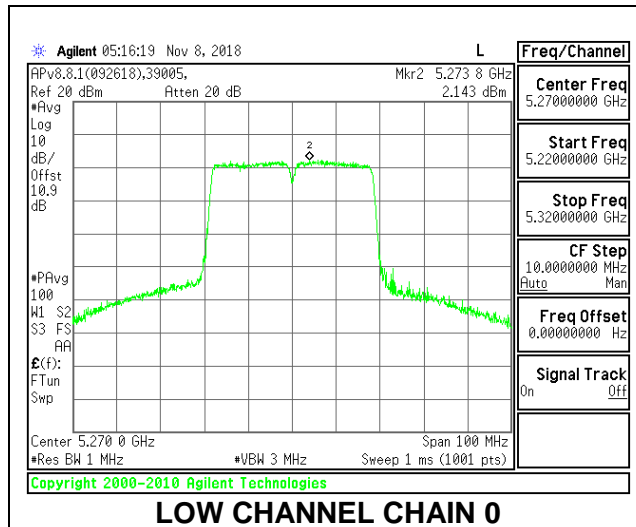
##### Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	15.98	15.20	18.62	24.00	-5.38
High	5310	15.98	15.21	18.62	24.00	-5.38

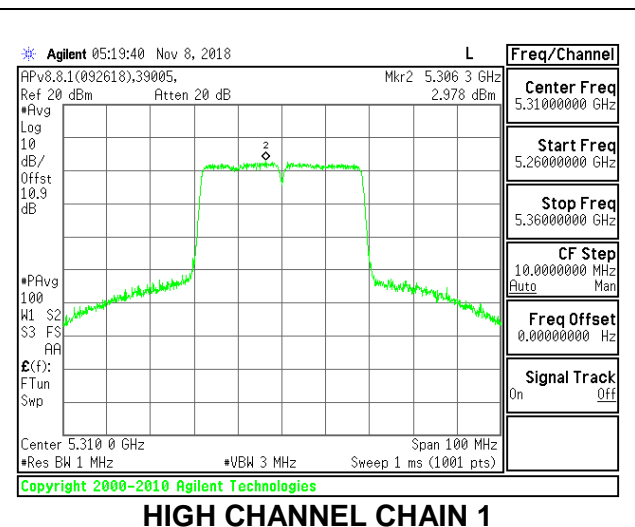
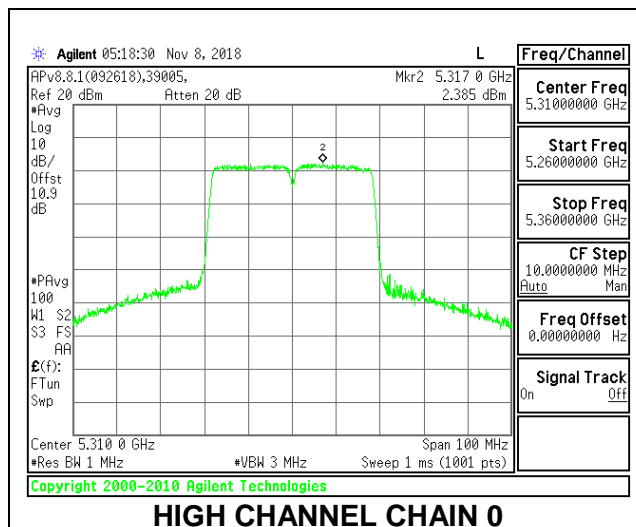
##### PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	2.14	2.92	6.16	11.00	-4.84
High	5310	2.39	2.98	6.30	11.00	-4.70

### LOW CHANNEL



### HIGH CHANNEL



**9.5.11. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND**

**2TX Antenna 1 + Antenna 2 CDD MODE (FCC)**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	85.20	-1.02	1.93	24.00	11.00

<b>Duty Cycle CF (dB)</b>	1.95	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

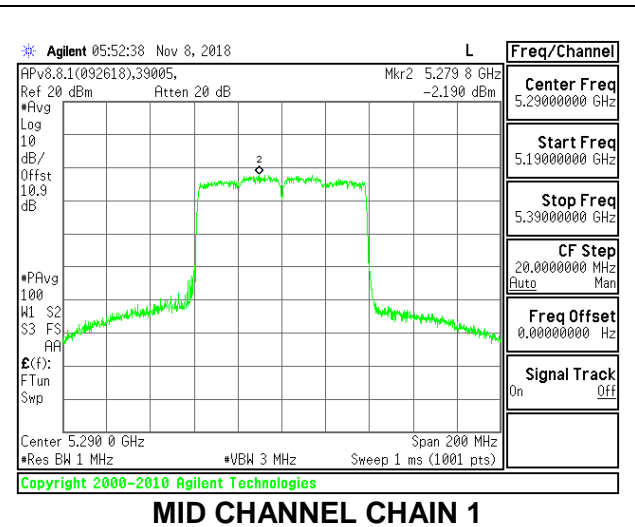
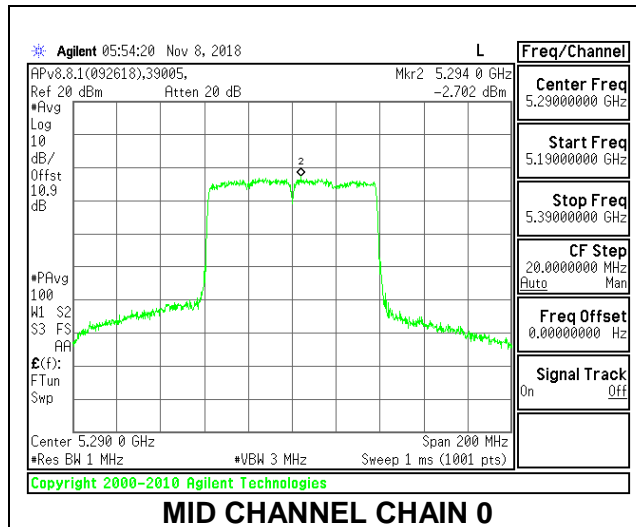
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	14.84	13.92	17.41	24.00	-6.59

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-2.07	-2.19	2.83	11.00	-8.17

**MID CHANNEL**



**9.5.12. 802.11ax HE20 MODE IN THE 5.3 GHz BAND**

**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 61**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	22.00	-1.02	1.93	24.00	11.00
Mid	5300	21.95	-1.02	1.93	24.00	11.00
High	5320	21.95	-1.02	1.93	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.67	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

**Output Power Results**

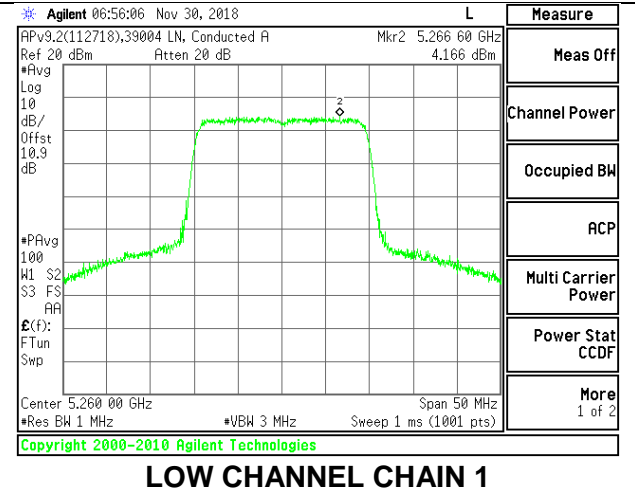
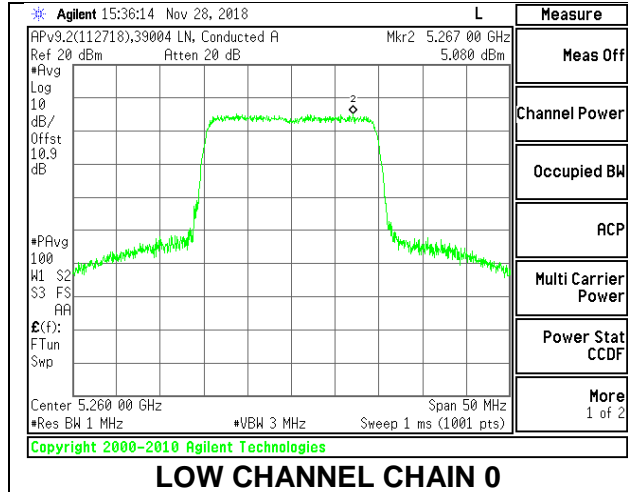
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	16.75	15.75	19.29	24.00	-4.71
Mid	5300	16.68	15.71	19.23	24.00	-4.77
High	5320	16.71	15.72	19.25	24.00	-4.75

**PSD Results**

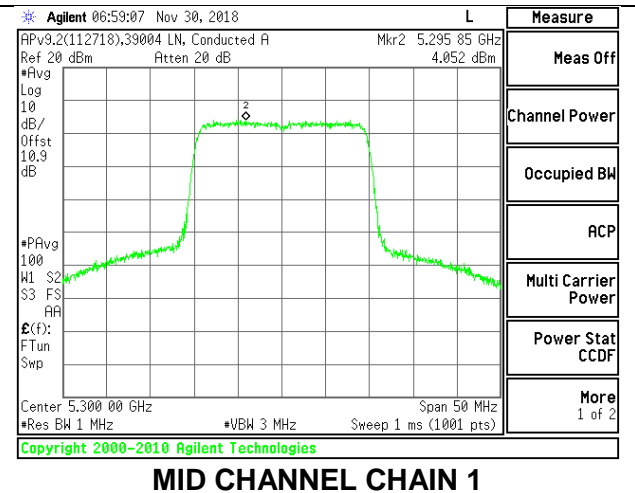
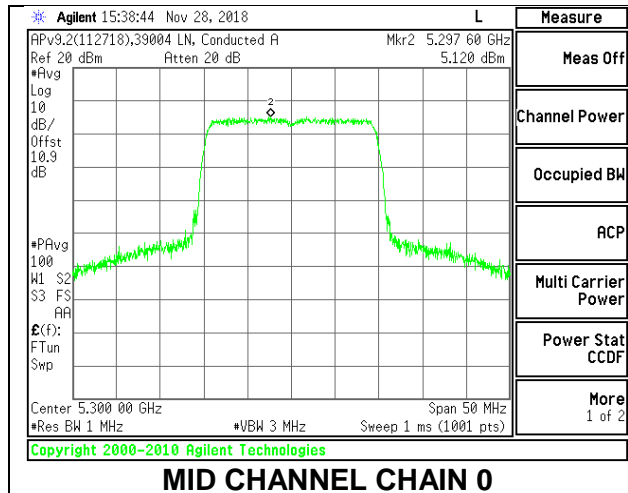
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	5.080	4.166	8.33	11.00	-2.67
Mid	5300	5.120	4.052	8.30	11.00	-2.70
High	5320	4.997	3.886	8.16	11.00	-2.84



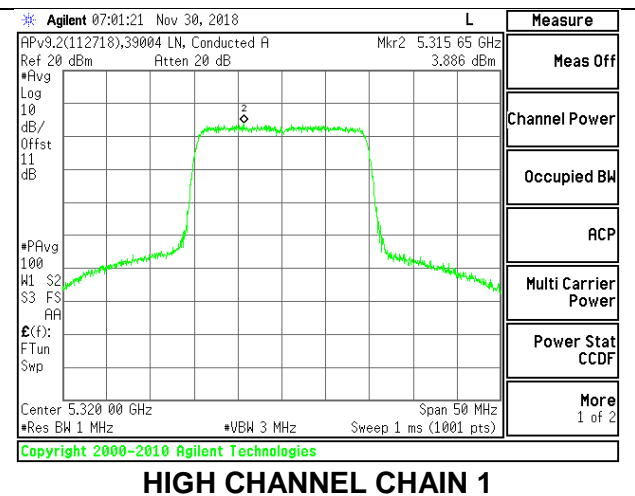
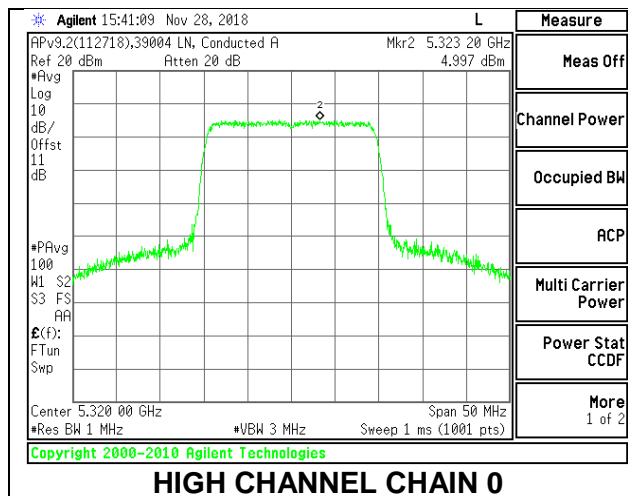
### LOW CHANNEL



### MID CHANNEL



### HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 53**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.40	-1.02	1.93	24.00	11.00
Mid	5300	20.55	-1.02	1.93	24.00	11.00
High	5320	20.55	-1.02	1.93	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.34	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

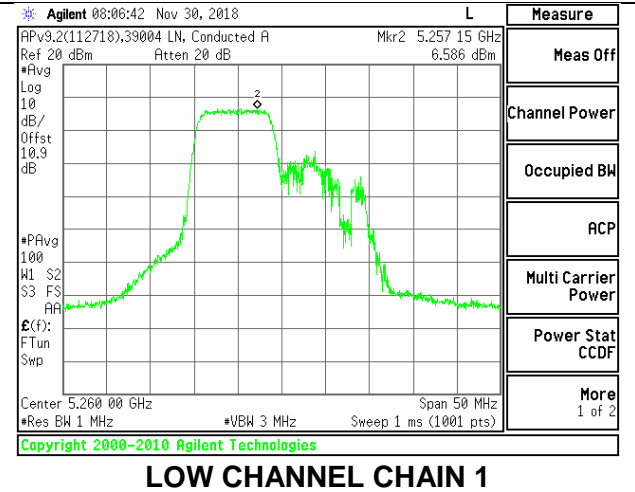
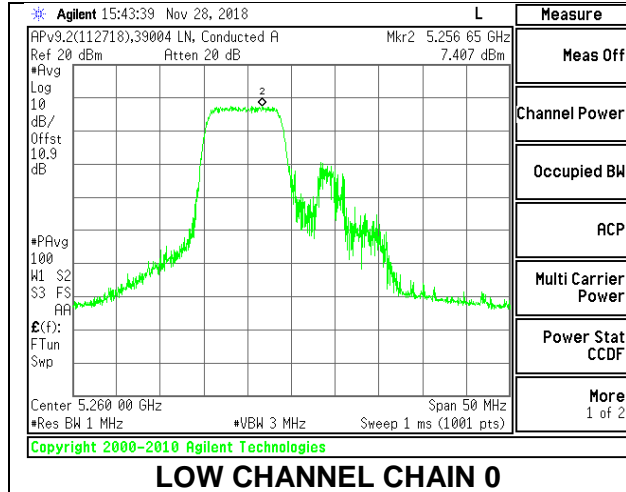
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	15.75	14.85	18.33	24.00	-5.67
Mid	5300	15.74	14.80	18.31	24.00	-5.69
High	5320	15.75	14.65	18.25	24.00	-5.75

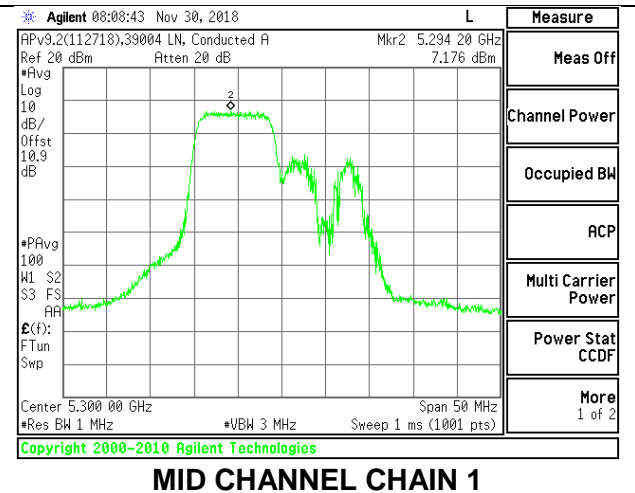
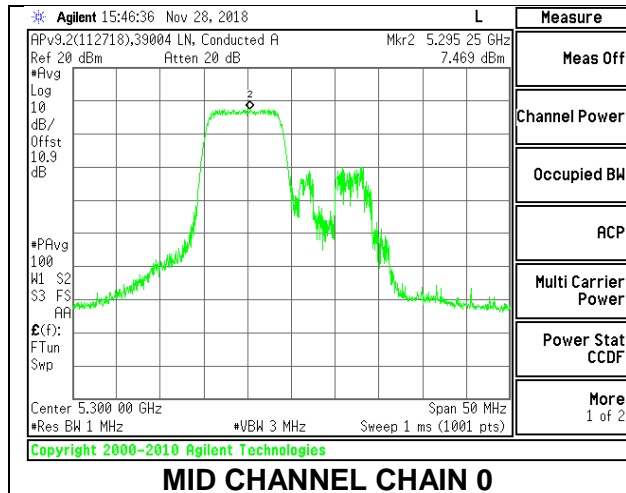
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.407	6.586	10.37	11.00	-0.63
Mid	5300	7.469	7.176	10.68	11.00	-0.32
High	5320	7.533	7.274	10.76	11.00	-0.24

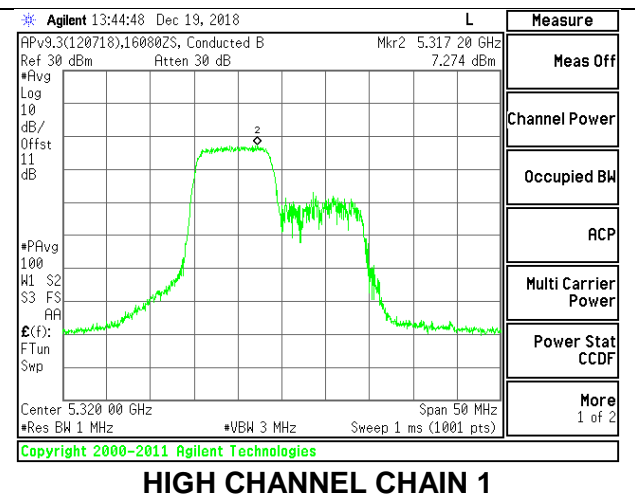
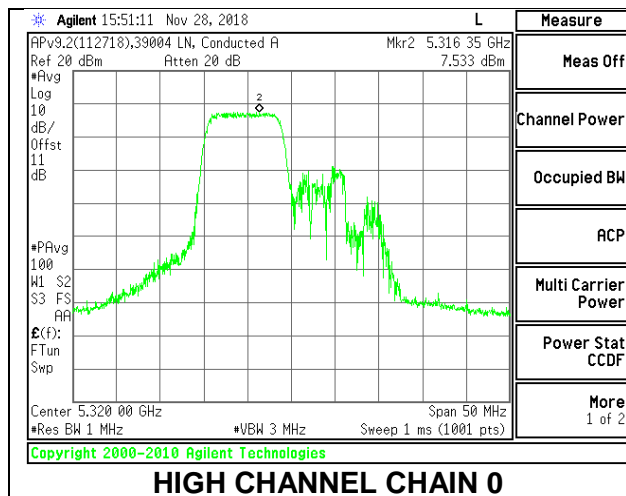
### LOW CHANNEL



### MID CHANNEL



### HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 54**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.75	-1.02	1.93	24.00	11.00
Mid	5300	20.75	-1.02	1.93	24.00	11.00
High	5320	20.70	-1.02	1.93	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.34	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

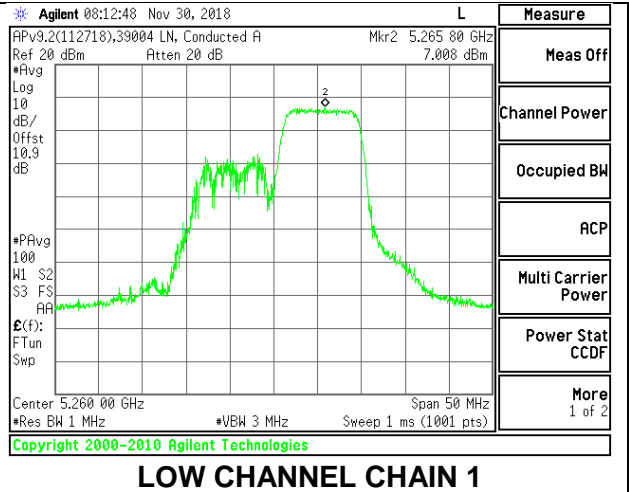
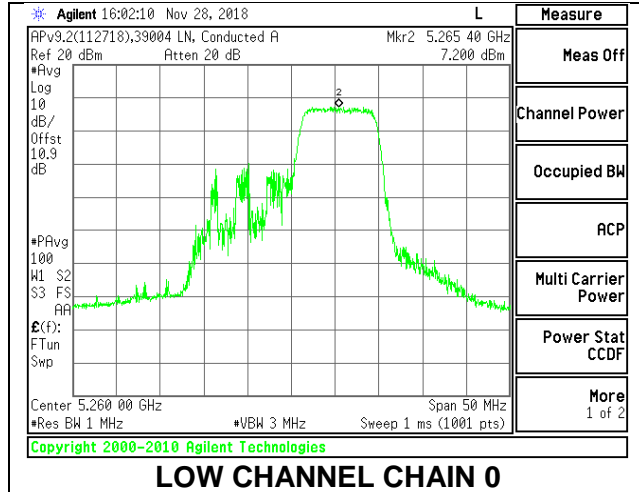
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	15.68	14.74	18.25	24.00	-5.75
Mid	5300	15.59	14.74	18.20	24.00	-5.80
High	5320	15.67	14.65	18.20	24.00	-5.80

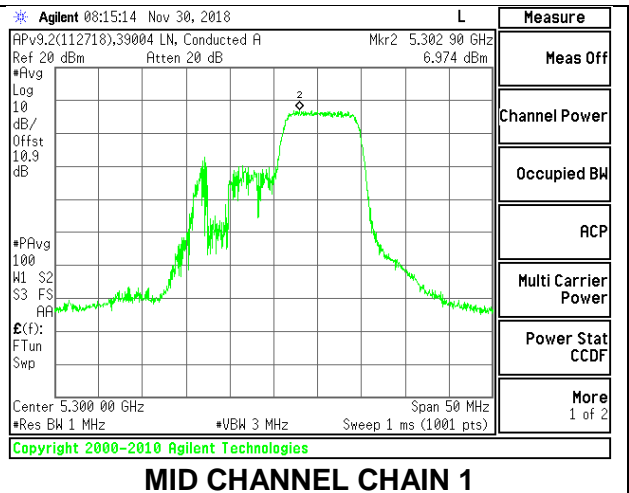
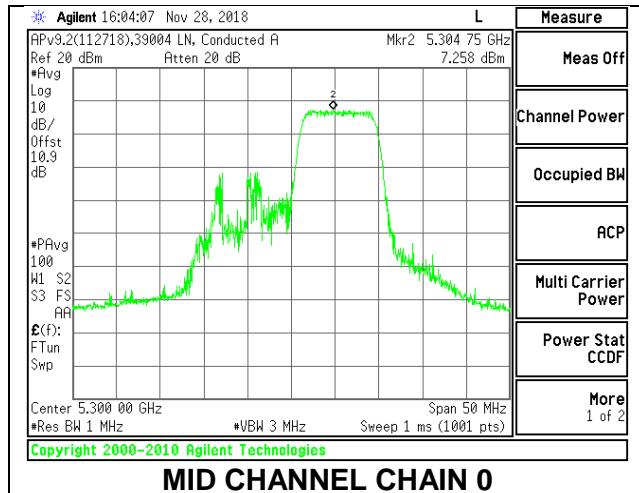
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.200	7.008	10.46	11.00	-0.54
Mid	5300	7.258	6.974	10.47	11.00	-0.53
High	5320	7.464	6.478	10.35	11.00	-0.65

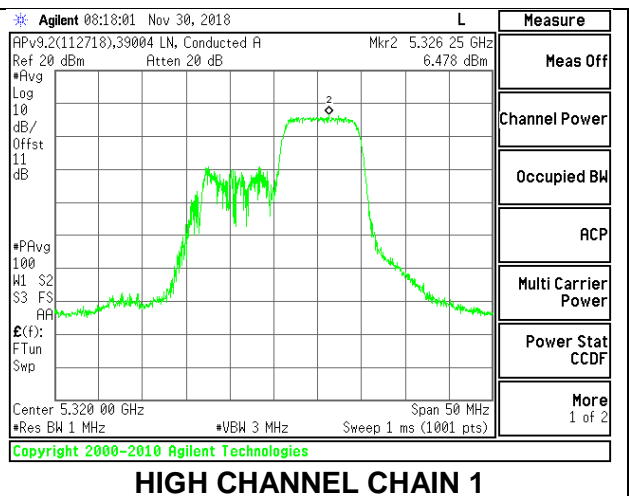
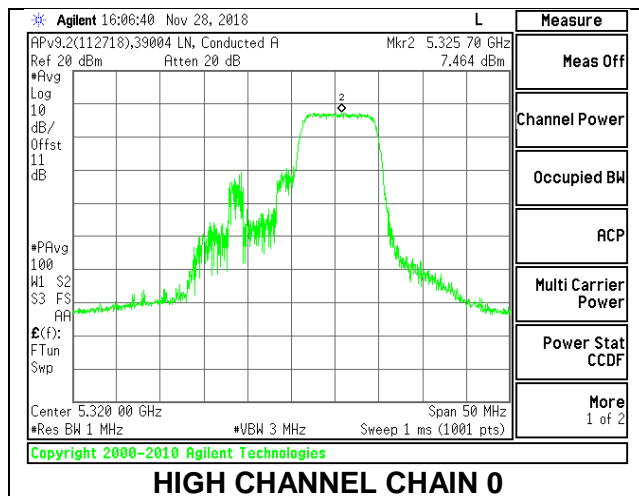
**LOW CHANNEL**



**MID CHANNEL**



**HIGH CHANNEL**



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 37**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.20	-1.02	1.93	24.00	11.00
Mid	5300	20.15	-1.02	1.93	24.00	11.00
High	5320	20.10	-1.02	1.93	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.17	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

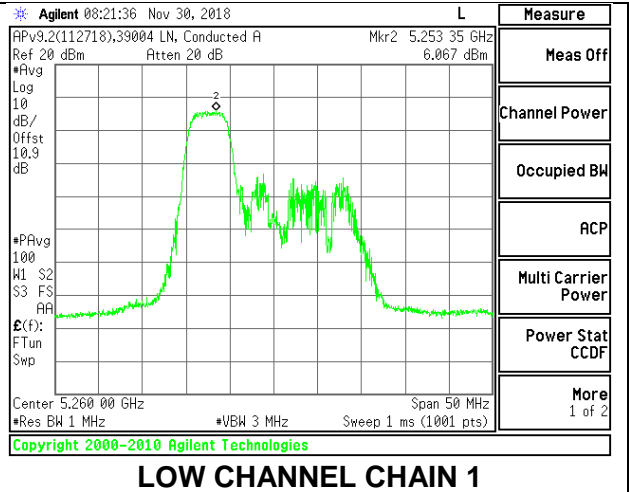
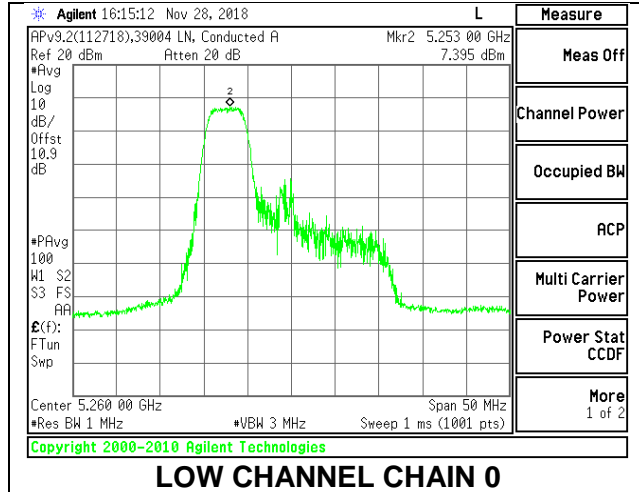
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	12.36	11.31	14.88	24.00	-9.12
Mid	5300	12.37	11.32	14.89	24.00	-9.11
High	5320	12.34	11.29	14.86	24.00	-9.14

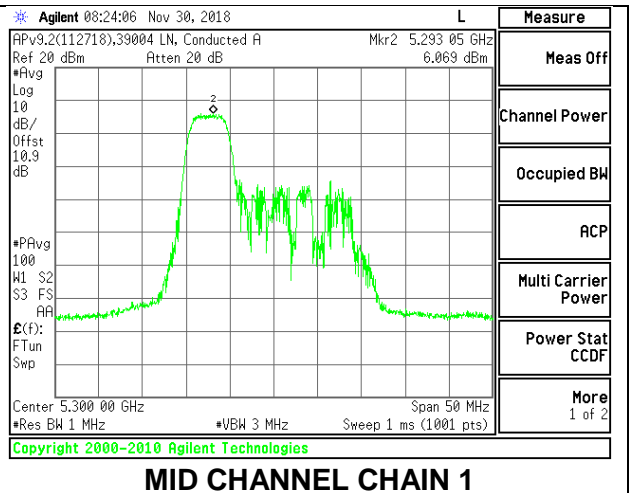
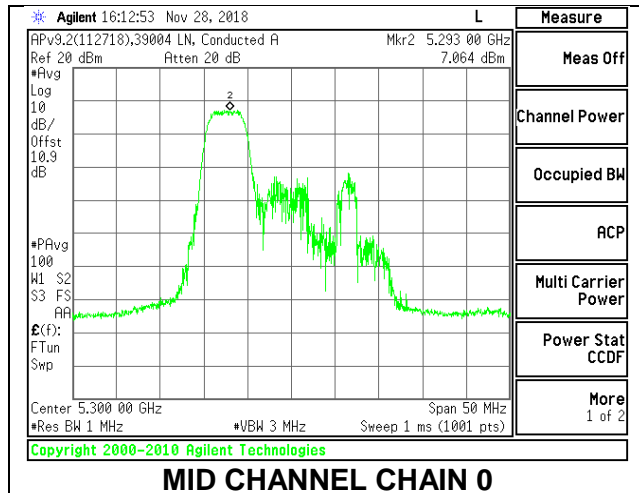
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.395	6.067	9.96	11.00	-1.04
Mid	5300	7.064	6.069	9.78	11.00	-1.22
High	5320	7.120	6.290	9.91	11.00	-1.09

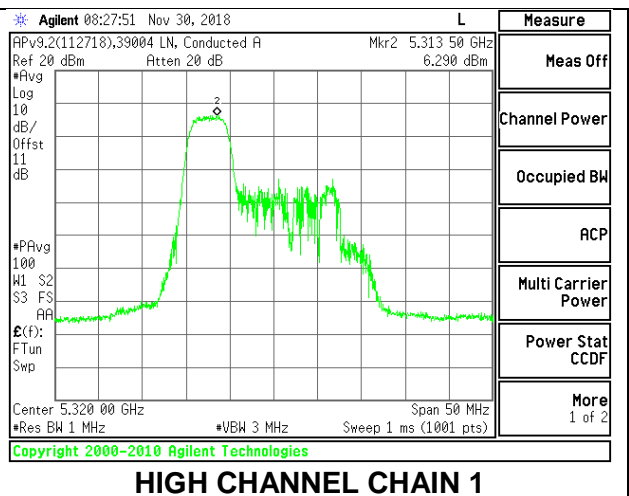
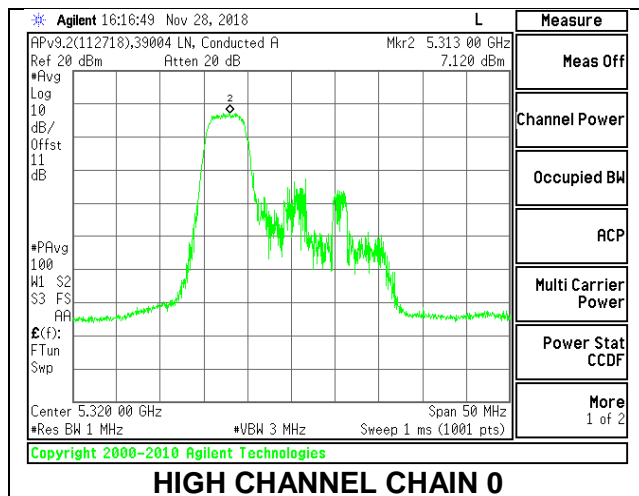
**LOW CHANNEL**



**MID CHANNEL**



**HIGH CHANNEL**



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 38**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.50	-1.02	1.93	23.90	11.00
Mid	5300	19.15	-1.02	1.93	23.82	11.00
High	5320	19.15	-1.02	1.93	23.82	11.00

<b>Duty Cycle CF (dB)</b>	0.17	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

**Output Power Results**

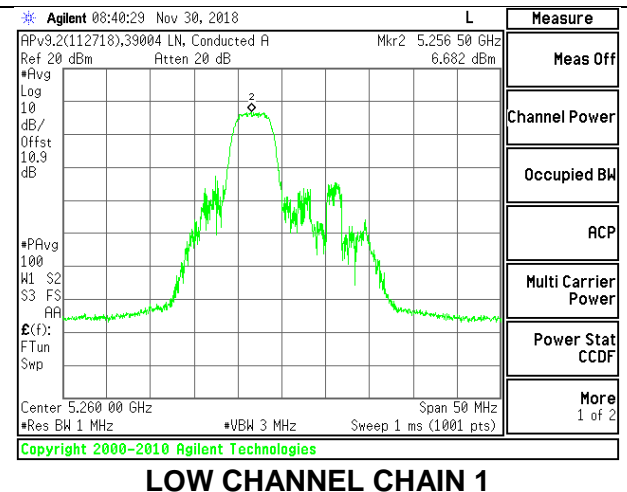
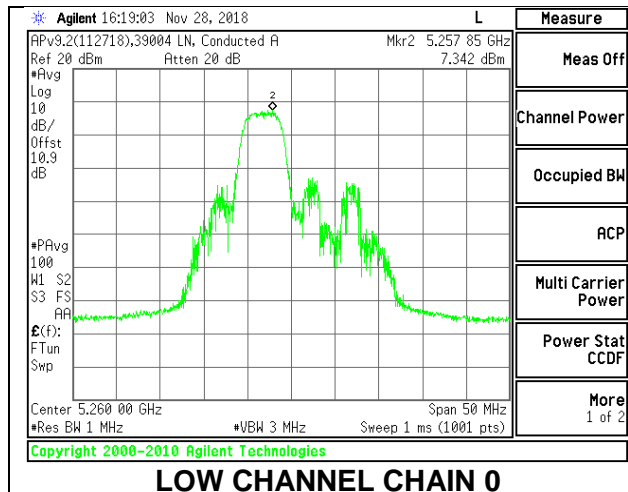
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	12.33	11.28	14.85	23.90	-9.05
Mid	5300	12.38	11.33	14.90	23.82	-8.92
High	5320	12.37	11.32	14.89	23.82	-8.93

**PSD Results**

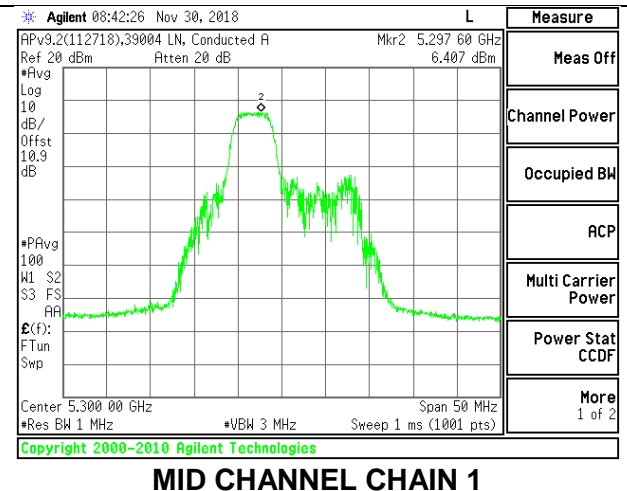
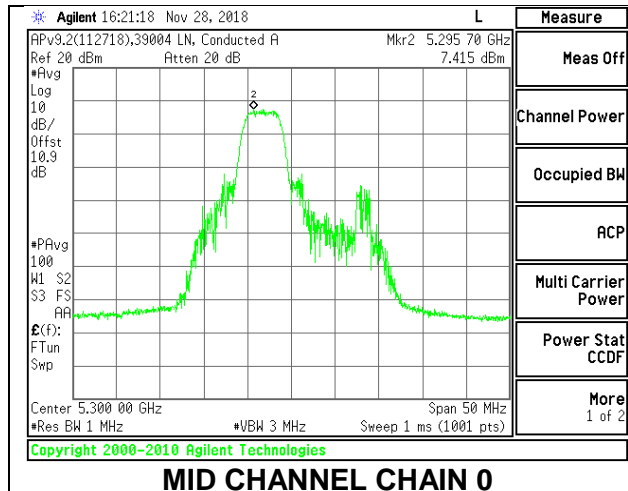
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.342	6.682	10.20	11.00	-0.80
Mid	5300	7.415	6.407	10.12	11.00	-0.88
High	5320	7.245	6.552	10.09	11.00	-0.91



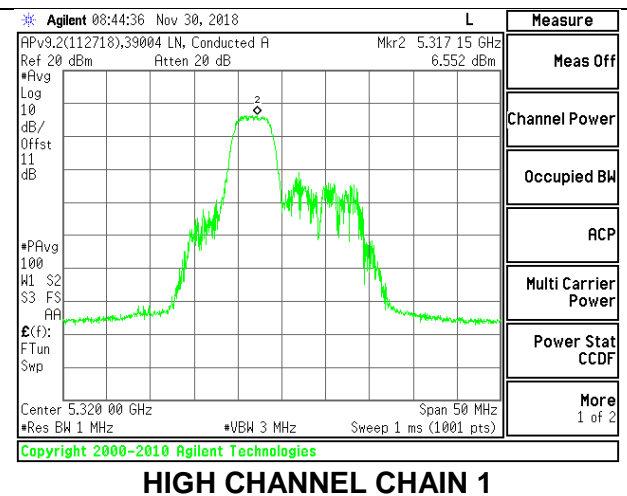
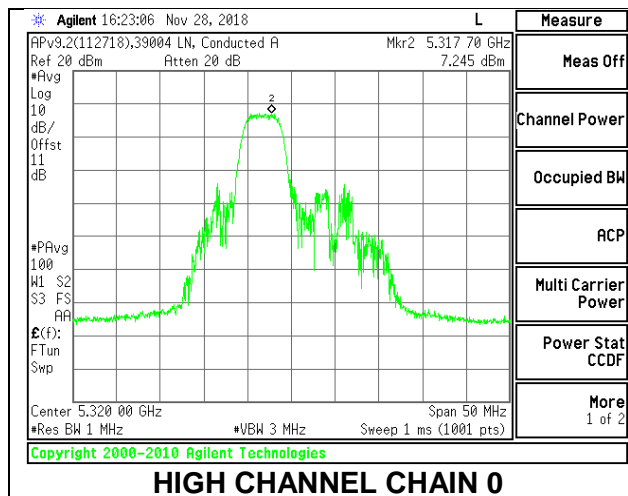
### LOW CHANNEL



### MID CHANNEL



### HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 40**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.45	-1.02	1.93	24.00	11.00
Mid	5300	20.30	-1.02	1.93	24.00	11.00
High	5320	20.50	-1.02	1.93	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.17	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

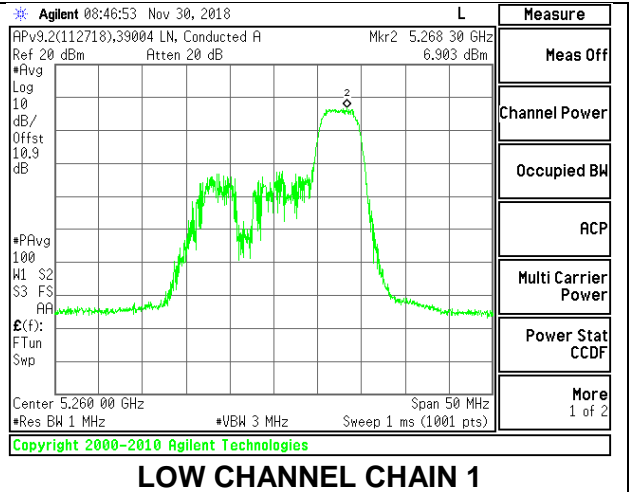
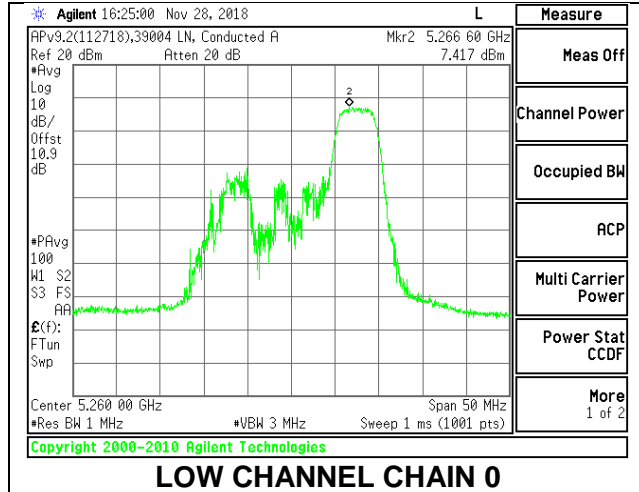
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	12.38	11.33	14.90	24.00	-9.10
Mid	5300	12.36	11.31	14.88	24.00	-9.12
High	5320	12.38	11.33	14.90	24.00	-9.10

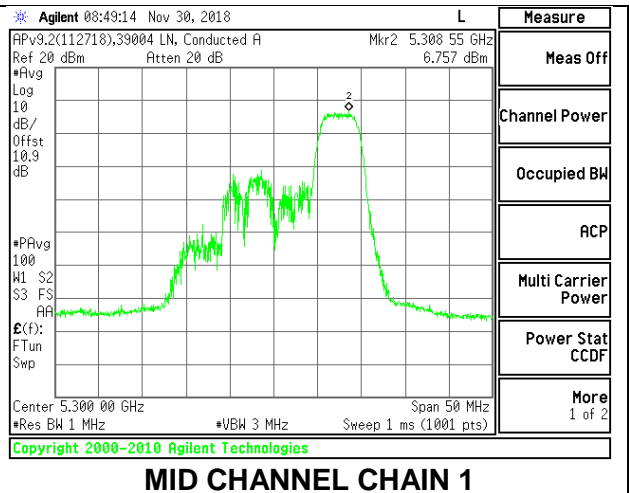
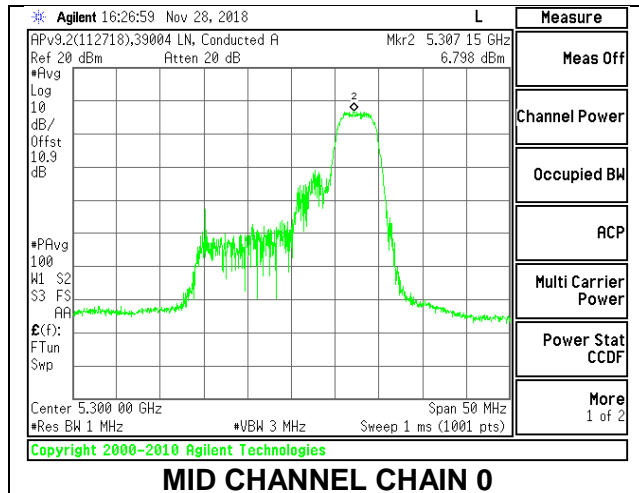
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.417	6.903	10.35	11.00	-0.65
Mid	5300	6.798	6.757	9.96	11.00	-1.04
High	5320	7.079	6.469	9.97	11.00	-1.03

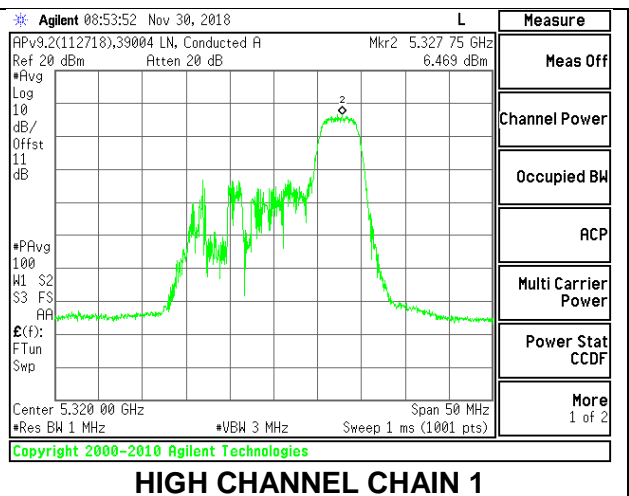
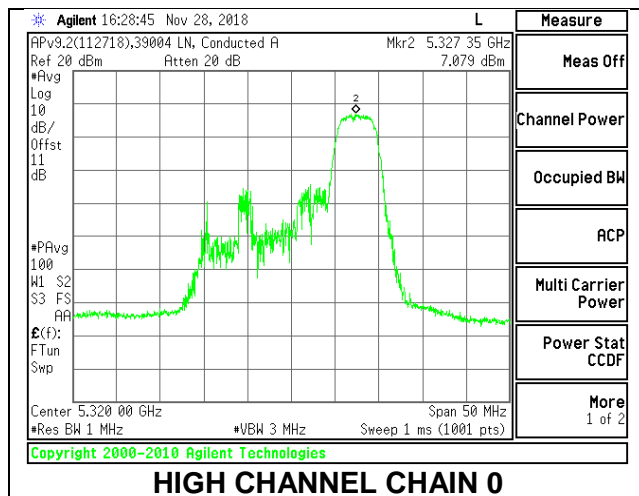
**LOW CHANNEL**



**MID CHANNEL**



**HIGH CHANNEL**



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 0**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.05	-1.02	1.93	24.00	11.00
Mid	5300	19.95	-1.02	1.93	24.00	11.00
High	5320	19.80	-1.02	1.93	23.97	11.00

<b>Duty Cycle CF (dB)</b>	0.10	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

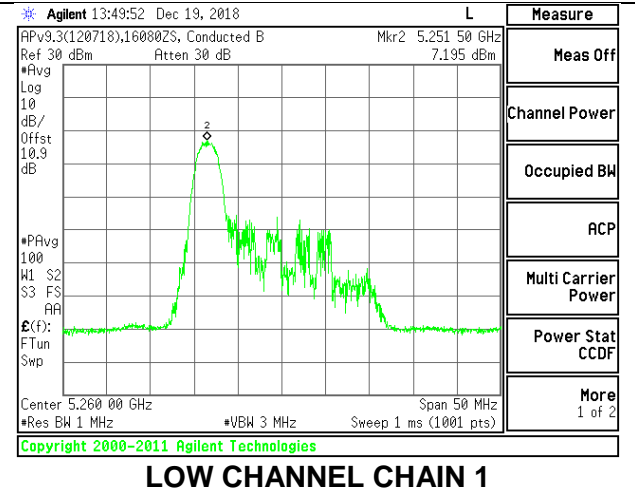
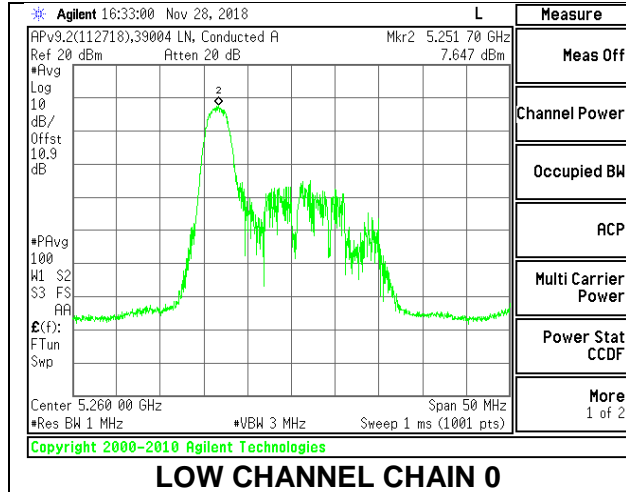
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	10.36	9.51	12.97	24.00	-11.03
Mid	5300	10.37	9.50	12.97	24.00	-11.03
High	5320	10.35	9.52	12.97	23.97	-11.00

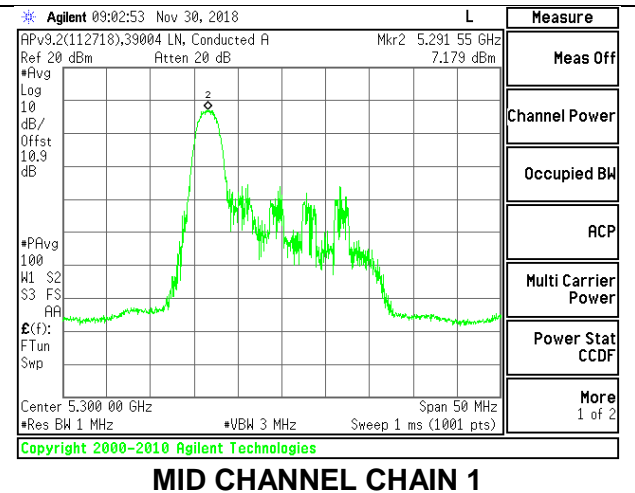
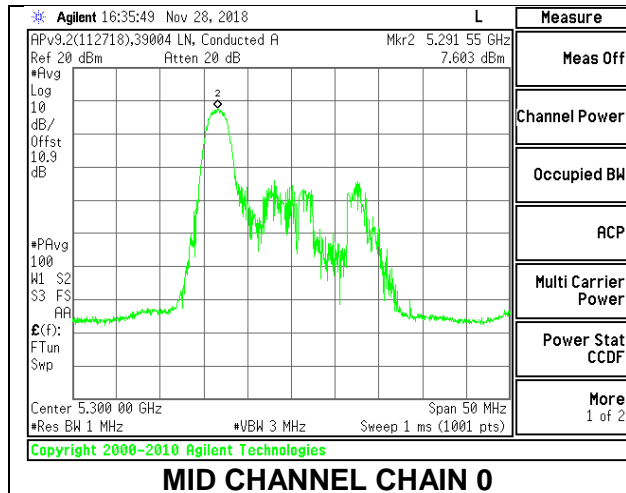
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.647	7.195	10.54	11.00	-0.46
Mid	5300	7.603	7.179	10.51	11.00	-0.49
High	5320	7.106	6.909	10.12	11.00	-0.88

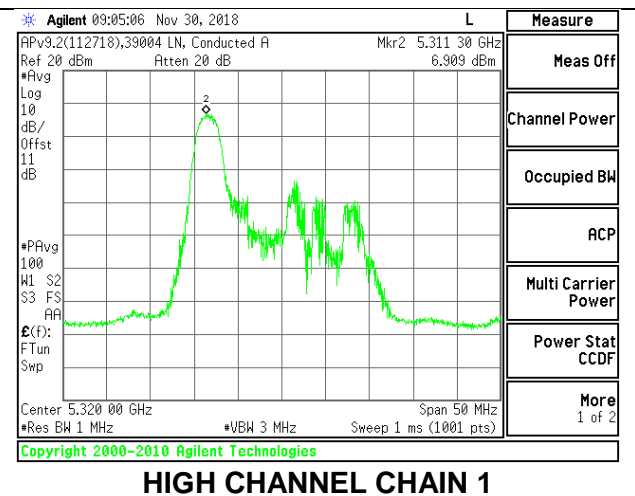
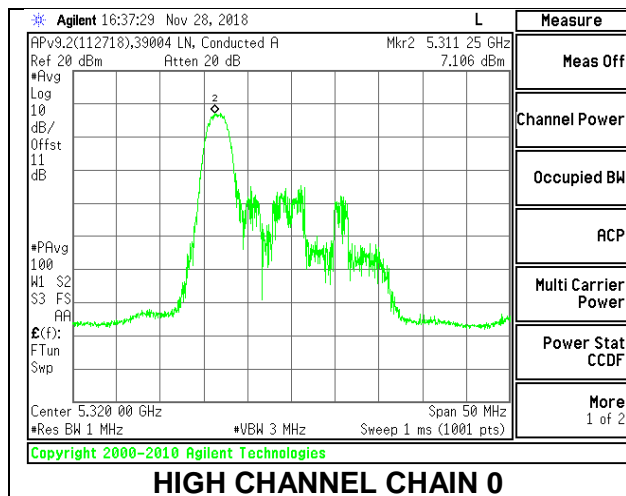
**LOW CHANNEL**



**MID CHANNEL**



**HIGH CHANNEL**



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 4**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	18.50	-1.02	1.93	23.67	11.00
Mid	5300	18.35	-1.02	1.93	23.64	11.00
High	5320	18.50	-1.02	1.93	23.67	11.00

<b>Duty Cycle CF (dB)</b>	0.10	<b>Included in Calculations of Corr'd PSD</b>
---------------------------	------	---

**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	10.85	9.80	13.37	23.67	-10.30
Mid	5300	10.86	9.81	13.38	23.64	-10.26
High	5320	10.89	9.84	13.41	23.67	-10.26

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.332	6.825	10.20	11.00	-0.80
Mid	5300	7.45	7.186	10.43	11.00	-0.57
High	5320	7.046	6.762	10.02	11.00	-0.98