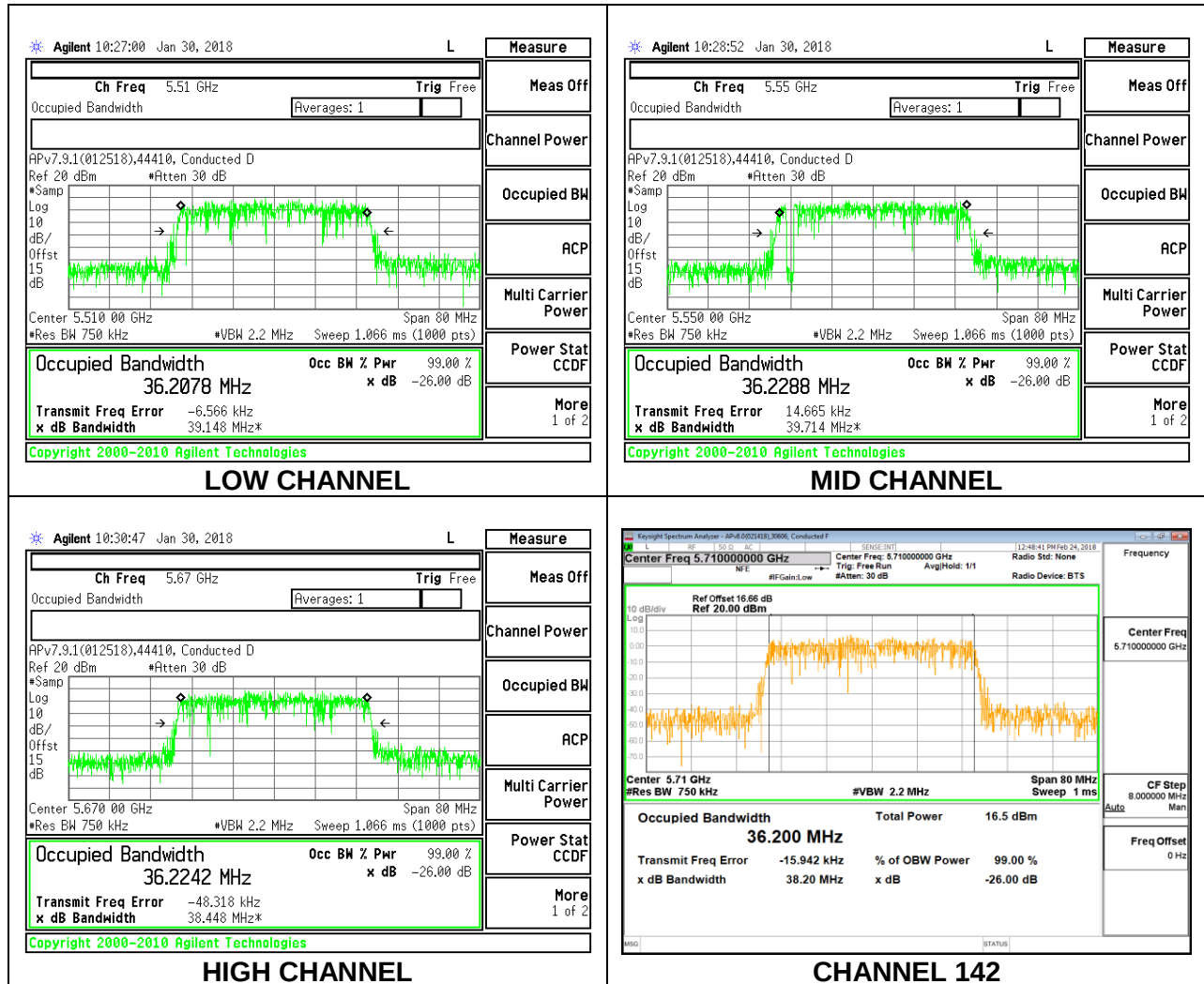


8.3.7. 802.11n HT40 MODE IN THE 5.6 GHz BAND

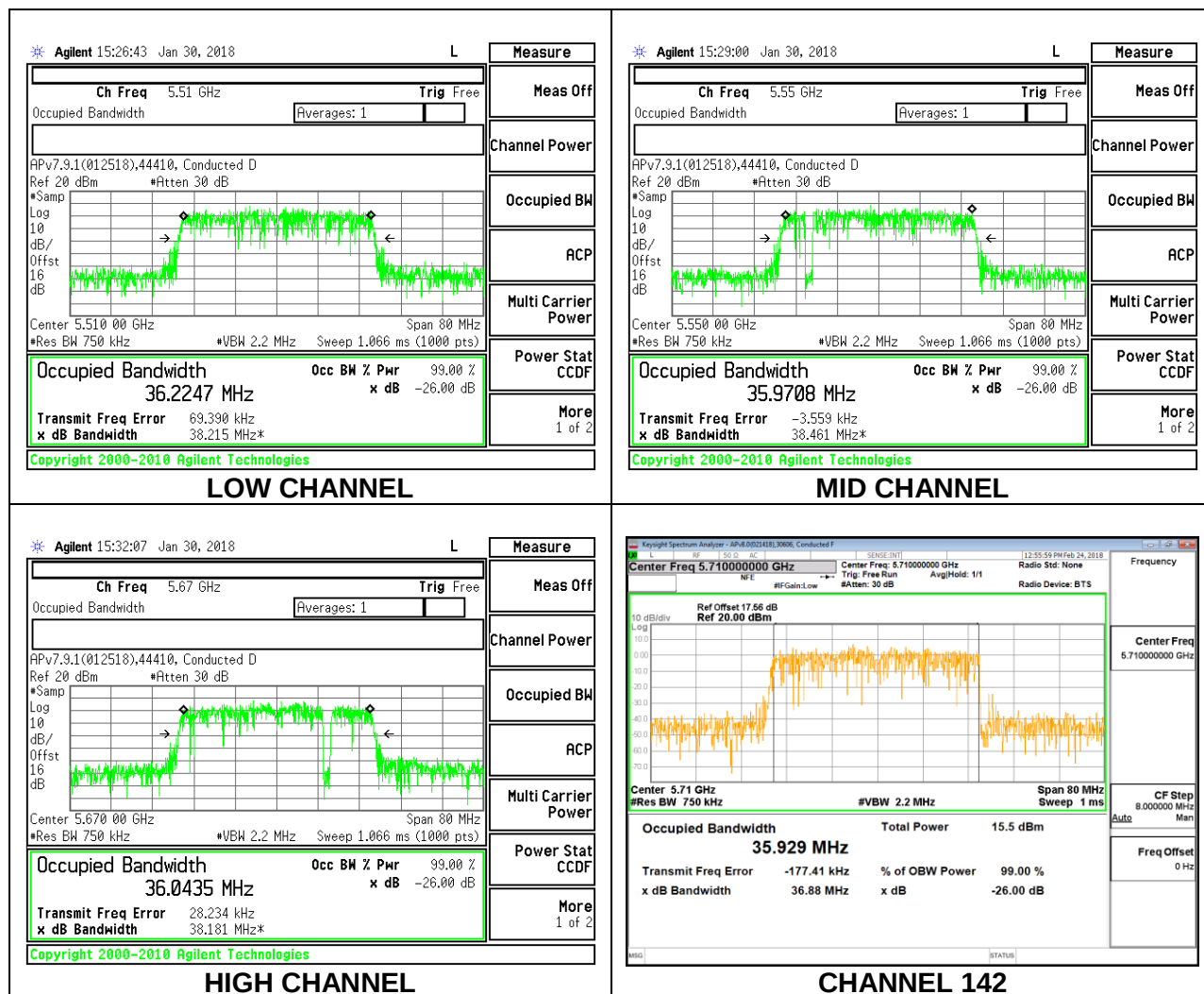
1TX Antenna 6 Mode

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5510	36.208
Mid	5550	36.229
High	5670	36.224
142	5710	36.200



1TX Antenna 5 Mode

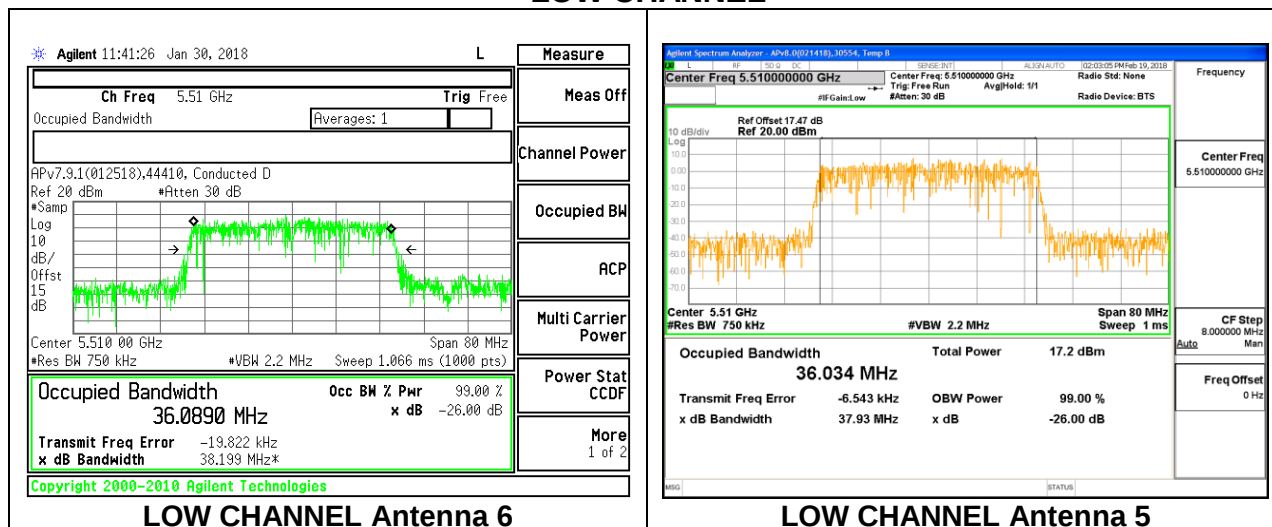
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5510	36.225
Mid	5550	35.971
High	5670	36.043
142	5710	35.929



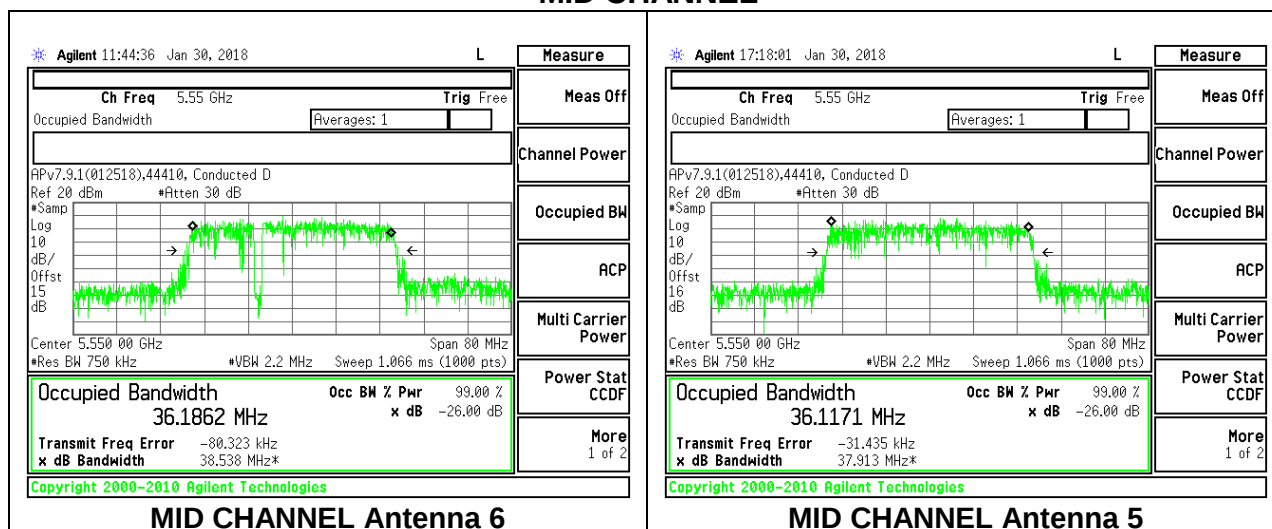
2TX Antenna 6 + Antenna 5 CDD MODE

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5510	36.089	36.034
Mid	5550	36.186	36.117
High	5670	36.176	36.297
142	5710	36.168	36.136

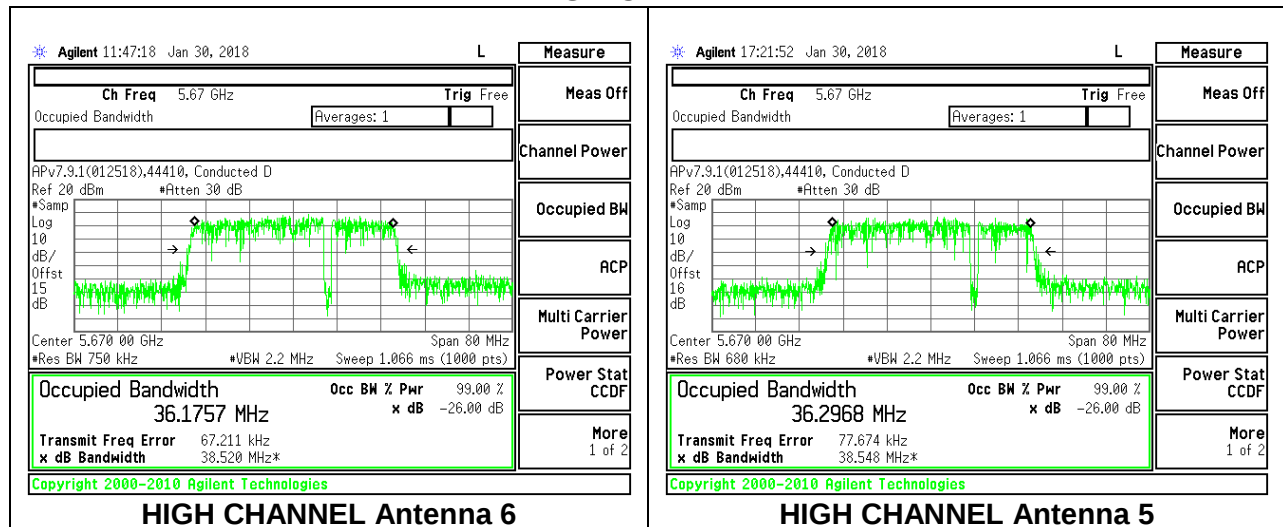
LOW CHANNEL



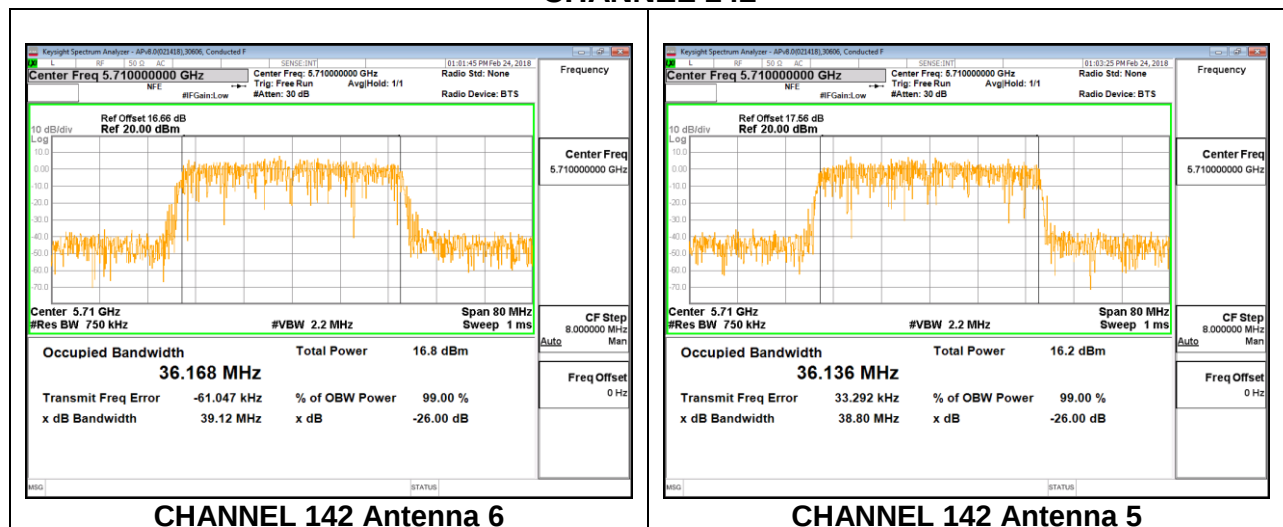
MID CHANNEL



HIGH CHANNEL



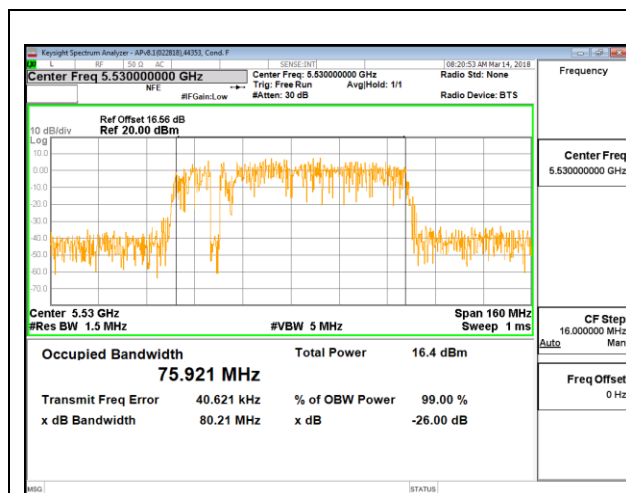
CHANNEL 142



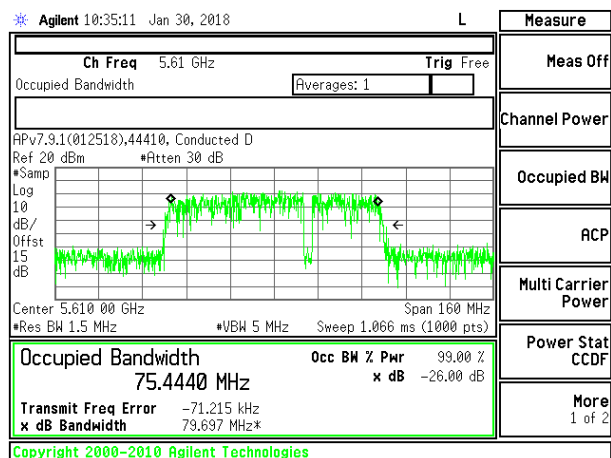
8.3.8. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna Mode

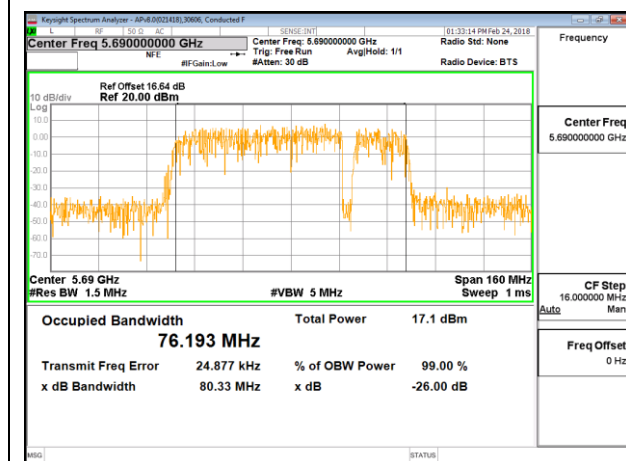
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5530	75.921
High	5610	75.444
138	5690	76.193



LOW CHANNEL



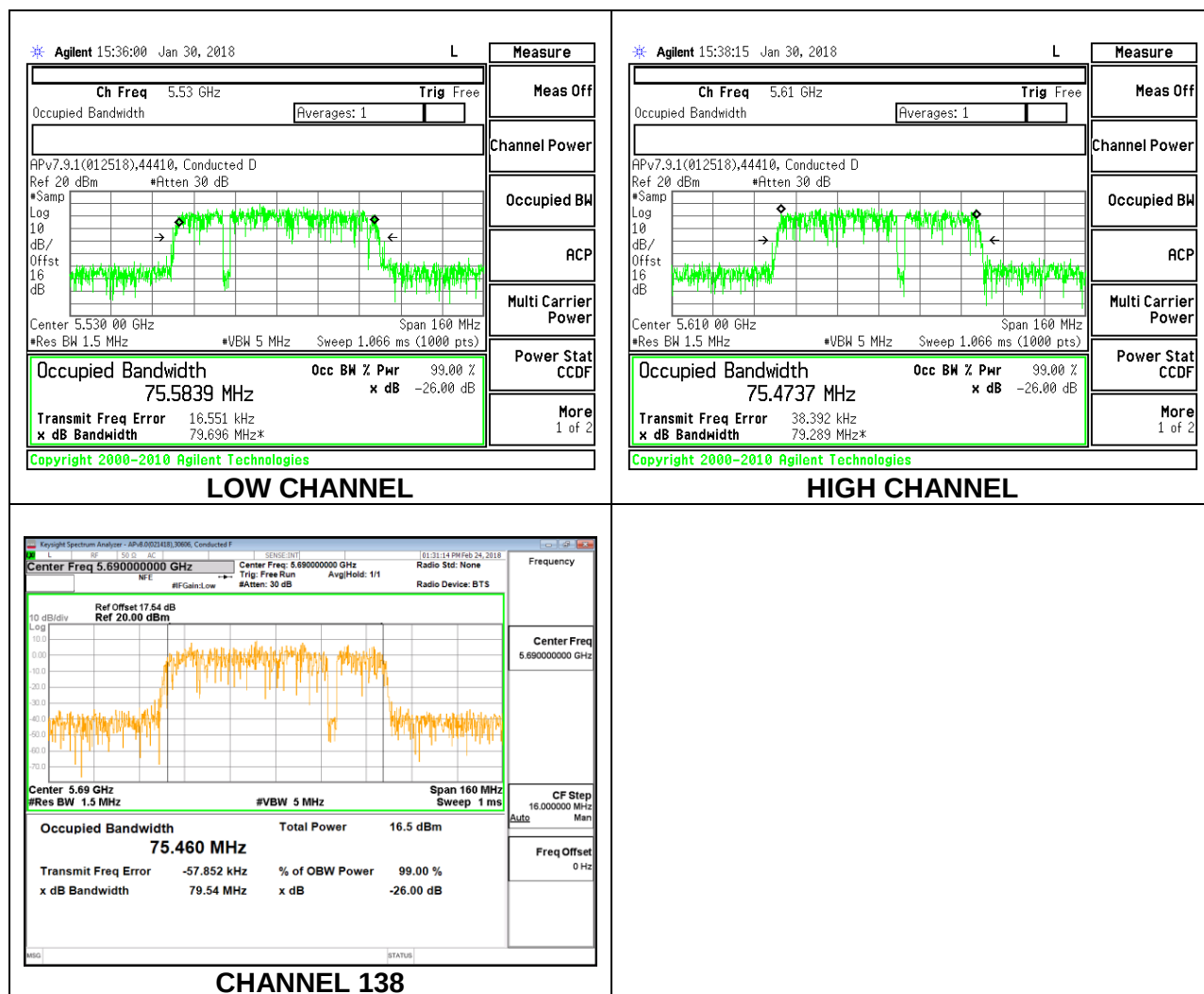
HIGH CHANNEL



CHANNEL 138

1TX Antenna 5 Mode

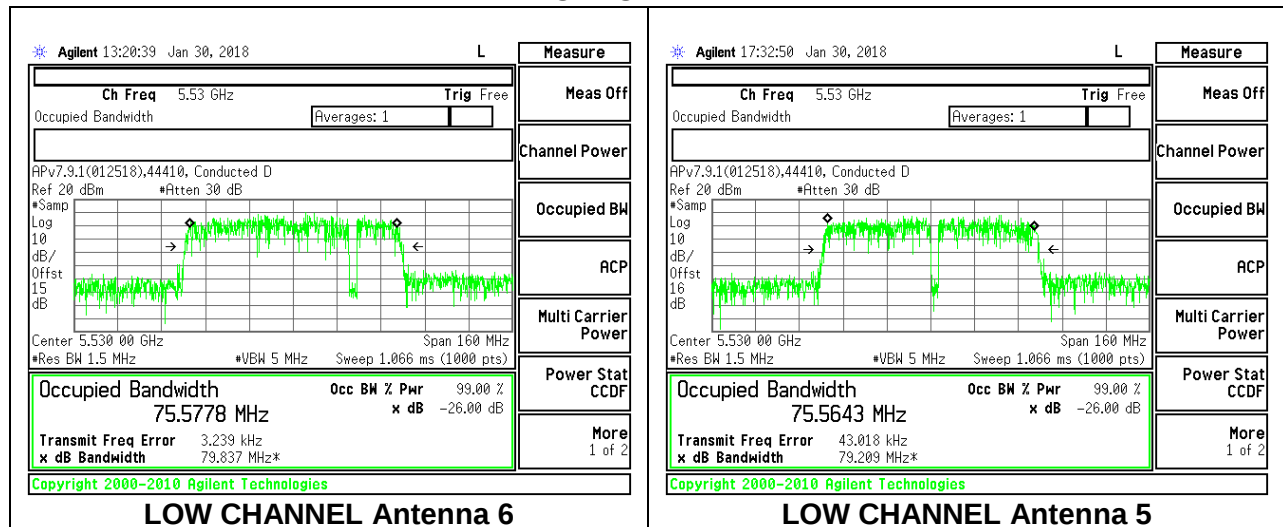
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5530	75.584
High	5610	75.474
138	5690	75.460



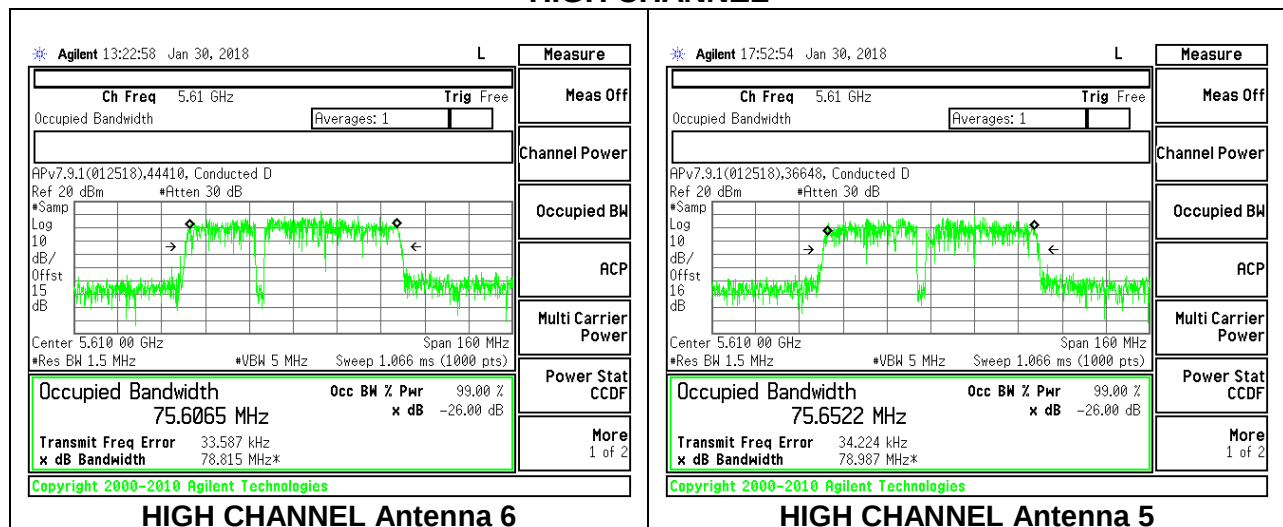
2TX Antenna 6 + Antenna 5 CDD MODE

Channel	Frequency	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5530	75.578	75.564
High	5610	75.607	75.652
138	5690	75.758	75.618

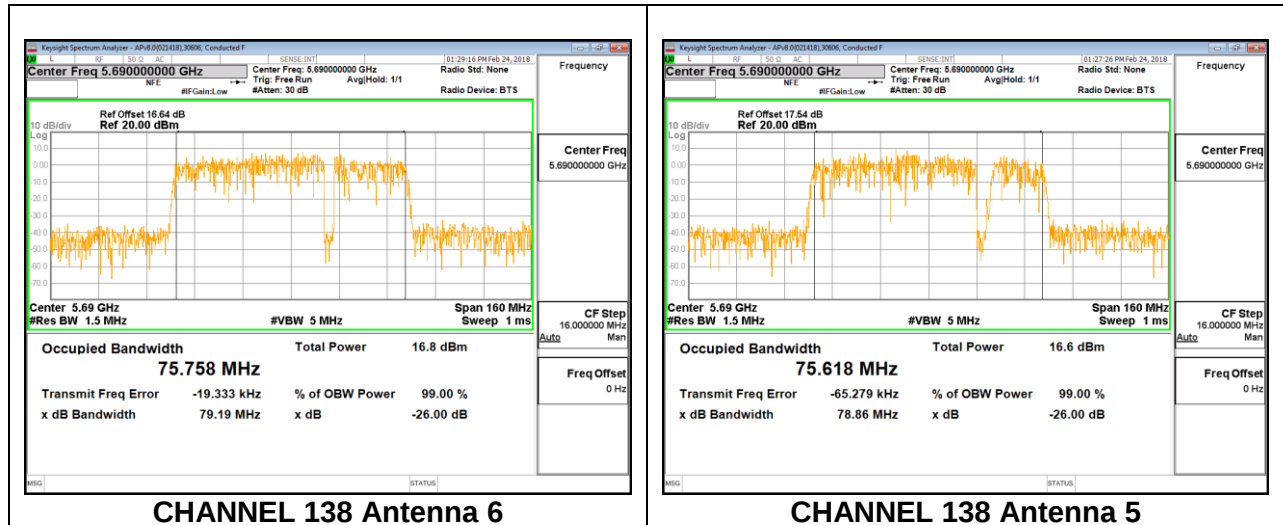
LOW CHANNEL



HIGH CHANNEL



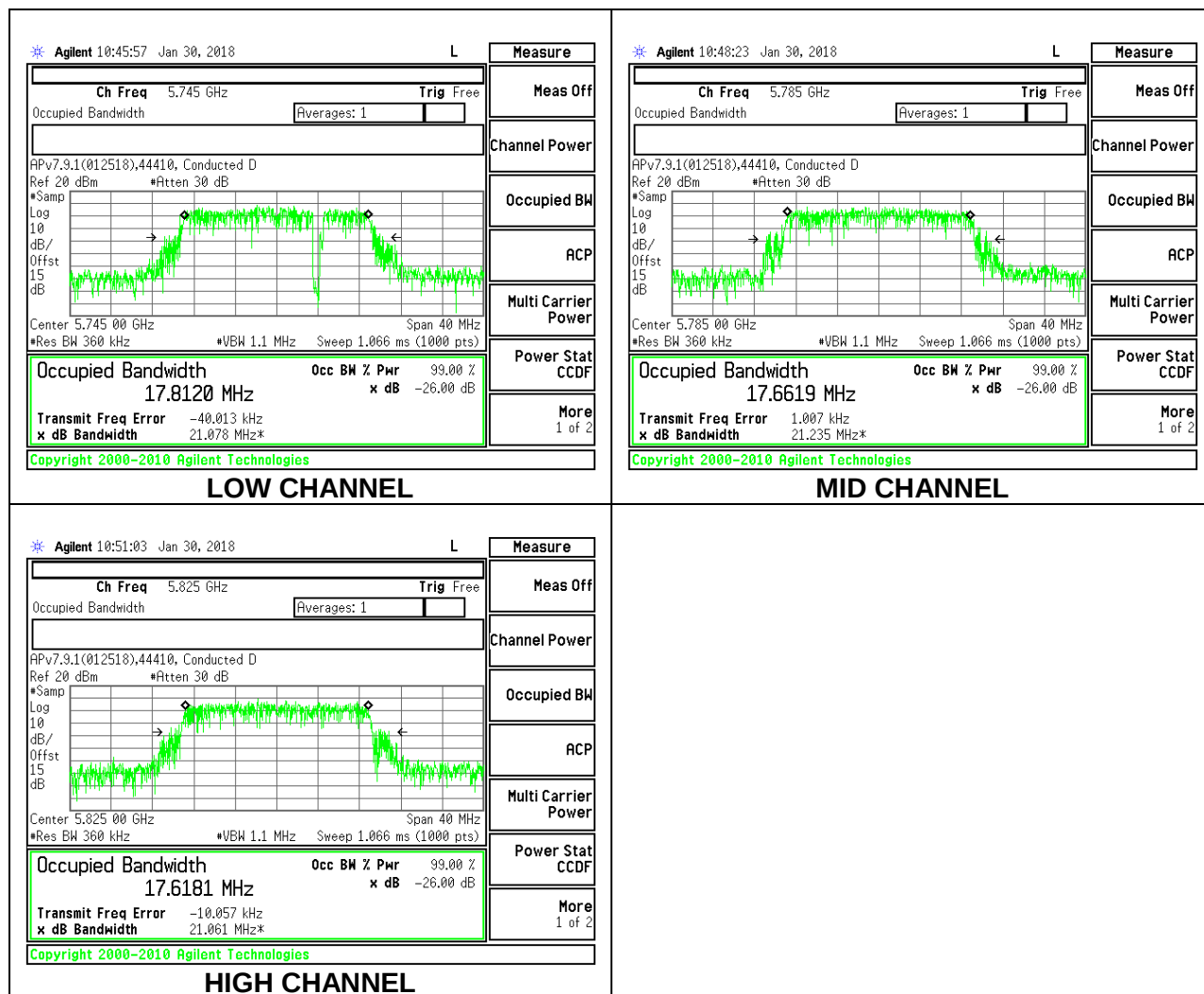
CHANNEL 138



8.3.9. 802.11n HT20 MODE IN THE 5.8 GHz BAND

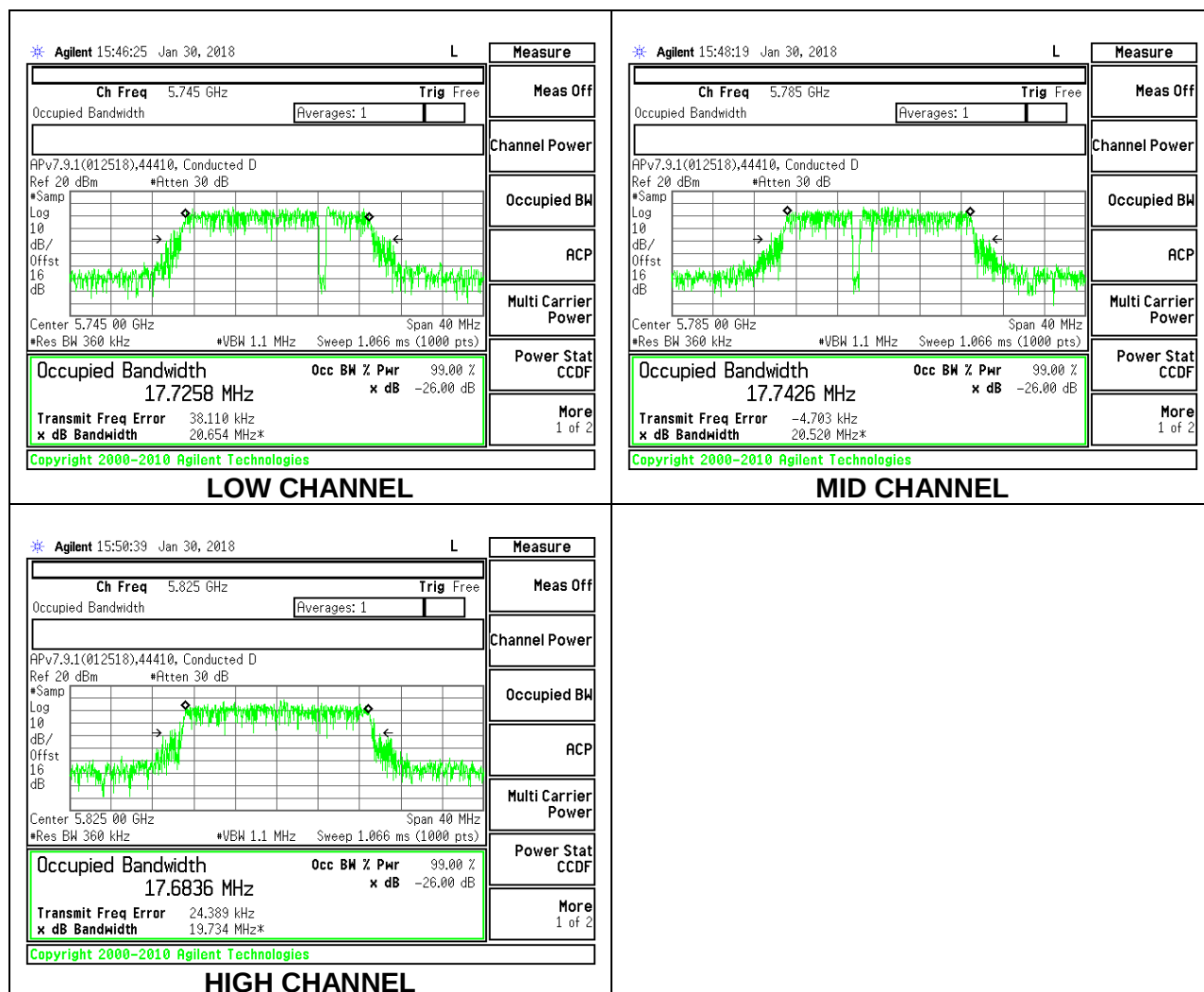
1TX Antenna 6 Mode

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5745	17.812
Mid	5785	17.662
High	5825	17.618



1TX Antenna 5 Mode

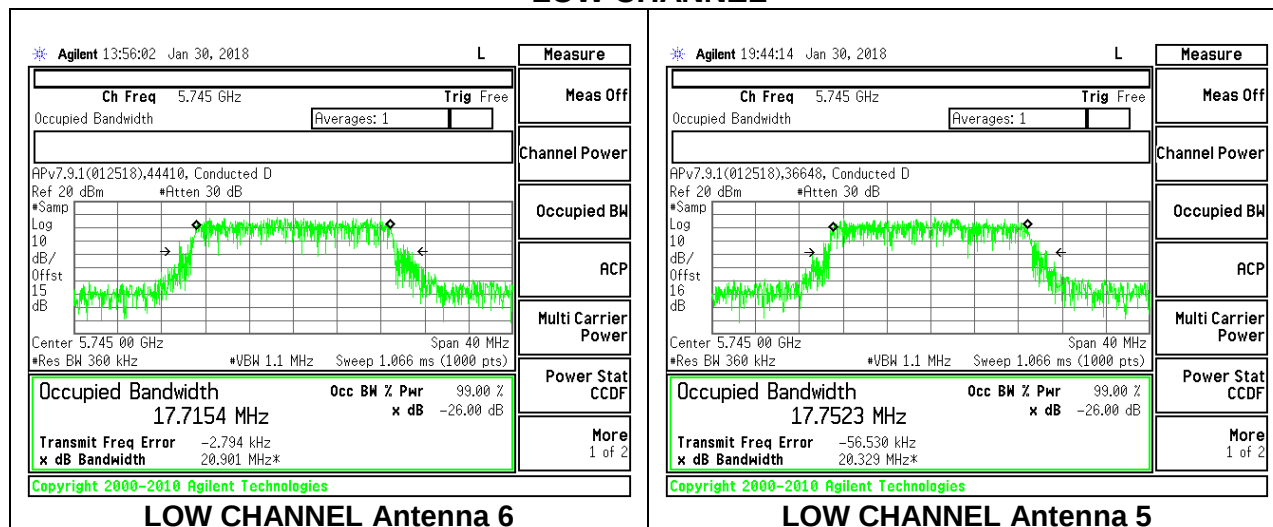
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5745	17.726
Mid	5785	17.743
High	5825	17.684



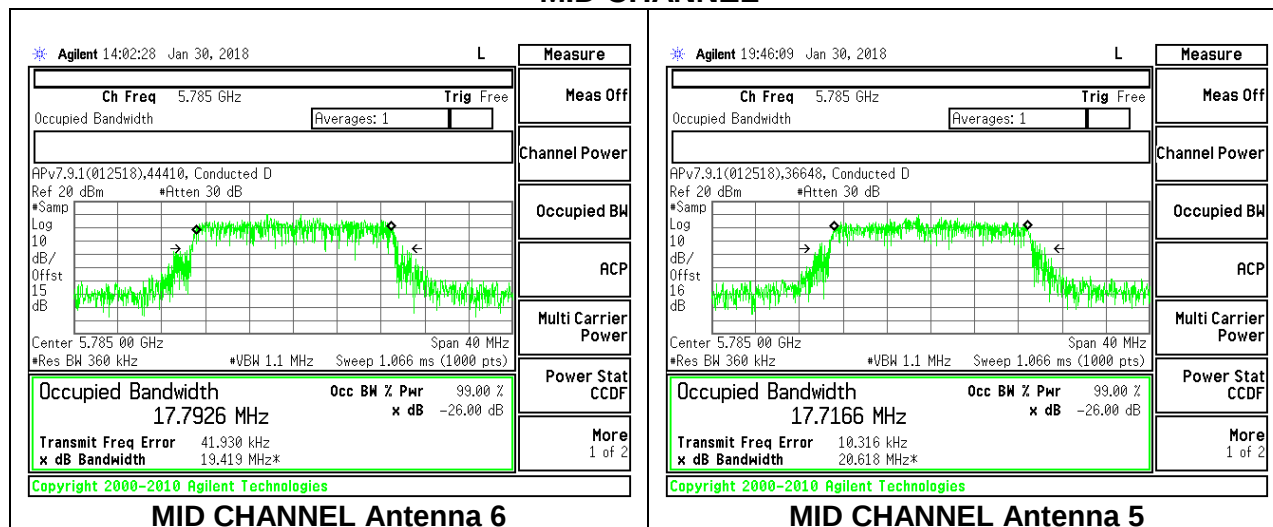
2TX Antenna 6 + Antenna 5 CDD MODE

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5745	17.715	17.752
Mid	5785	17.793	17.717
High	5825	17.636	17.744

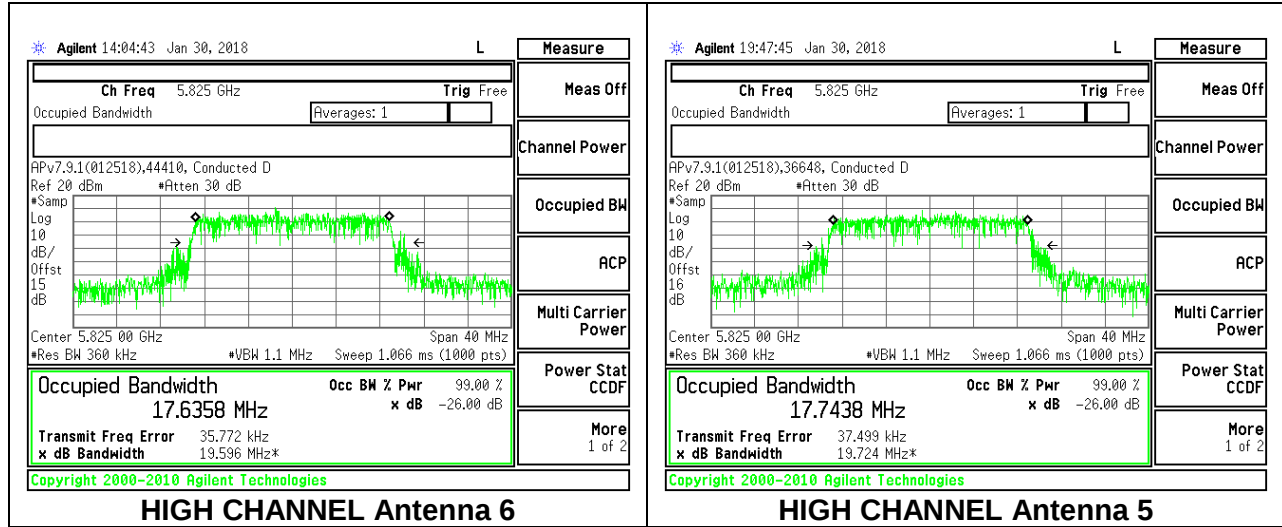
LOW CHANNEL



MID CHANNEL



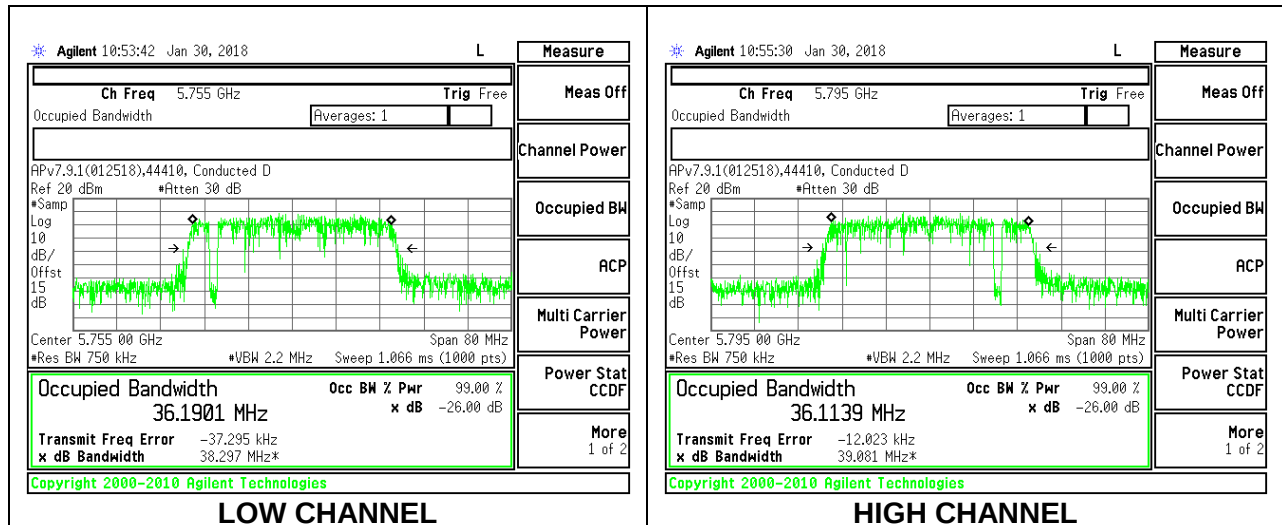
HIGH CHANNEL



8.3.10. 802.11n HT40 MODE IN THE 5.8 GHz BAND

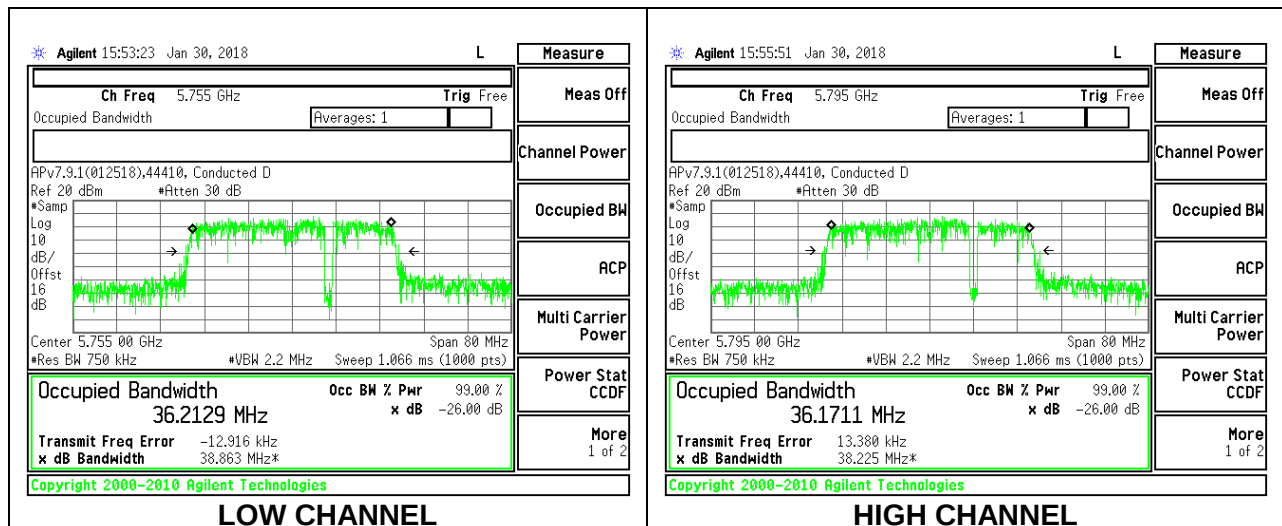
1TX Antenna 6 Mode

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5755	36.190
High	5795	36.114



1TX Antenna 5 Mode

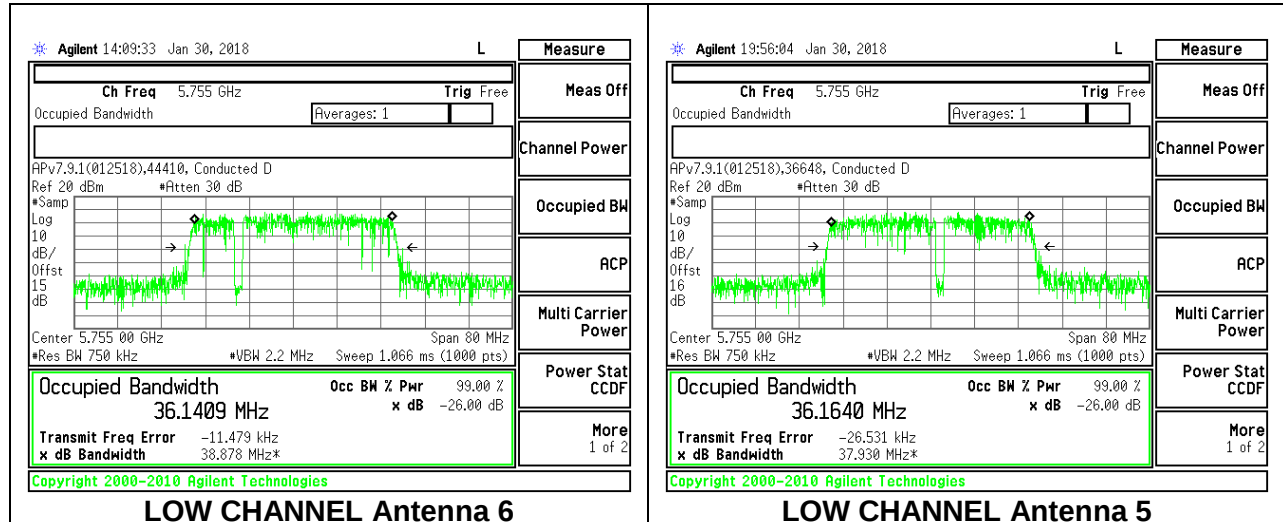
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5755	36.213
High	5795	36.171



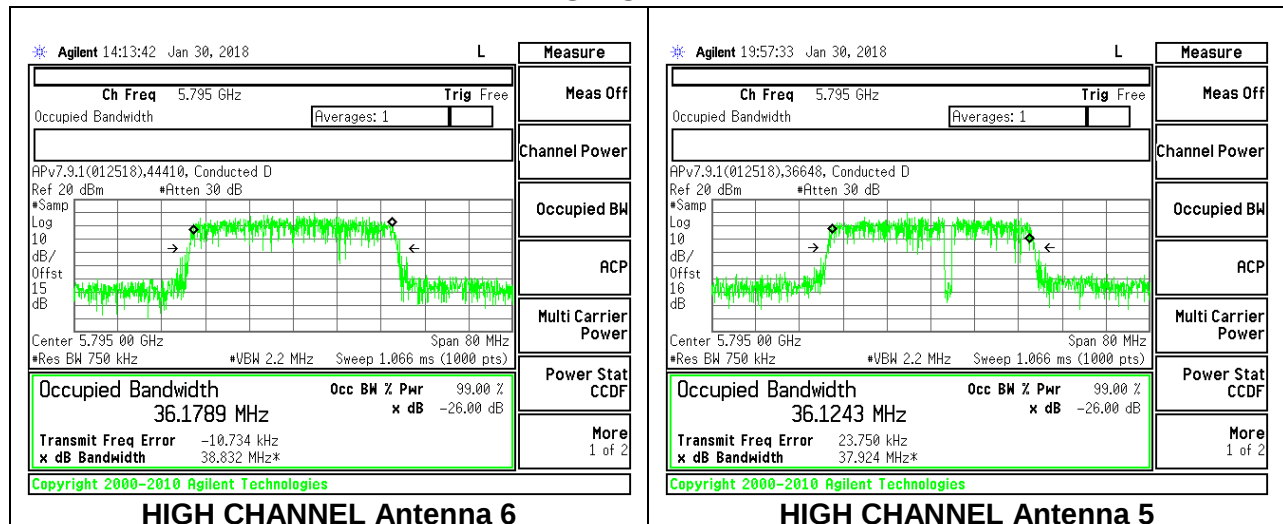
2TX Antenna 6 + Antenna 5 CDD MODE

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5755	36.141	36.164
High	5795	36.179	36.124

LOW CHANNEL



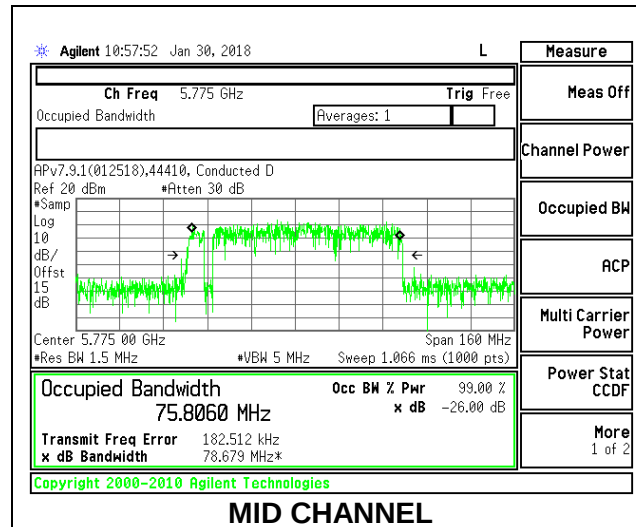
HIGH CHANNEL



8.3.11. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

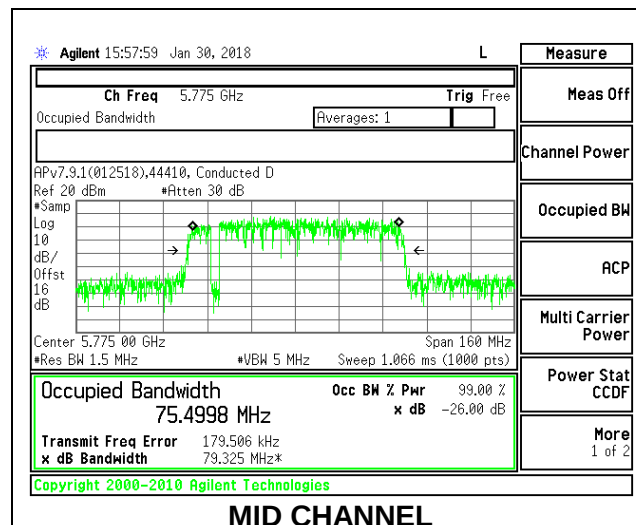
1TX Antenna 6 Mode

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5775	75.806



1TX Antenna 5 Mode

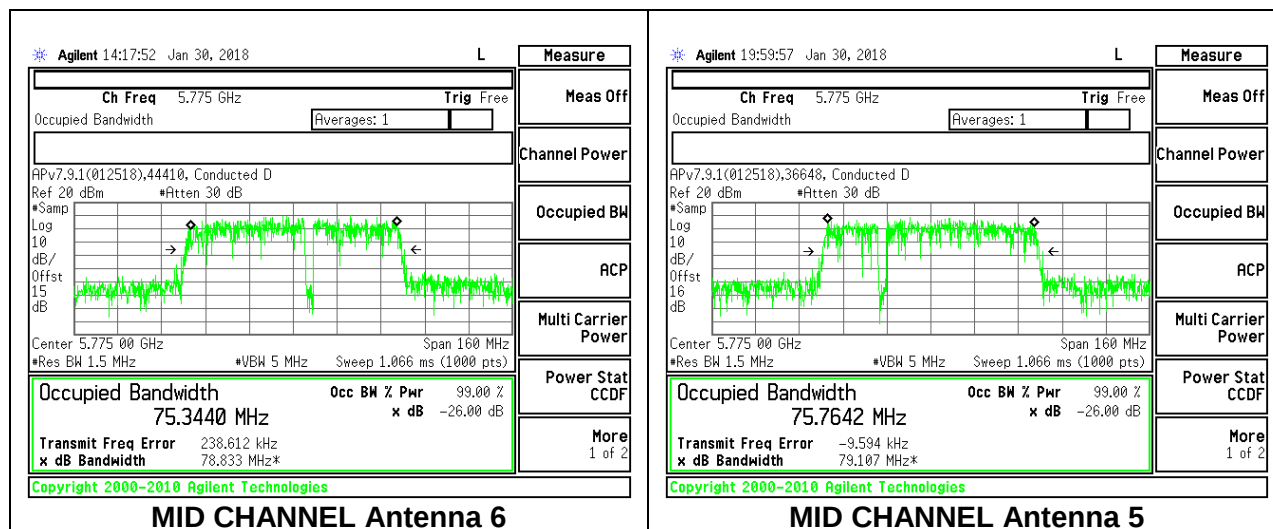
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5775	75.500



2TX Antenna 6 + Antenna 5 CDD MODE

Channel	Frequency	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	5775	75.344	75.764

MID CHANNEL



8.4. 6 dB BANDWIDTH

LIMITS

FCC §15.407 (e)

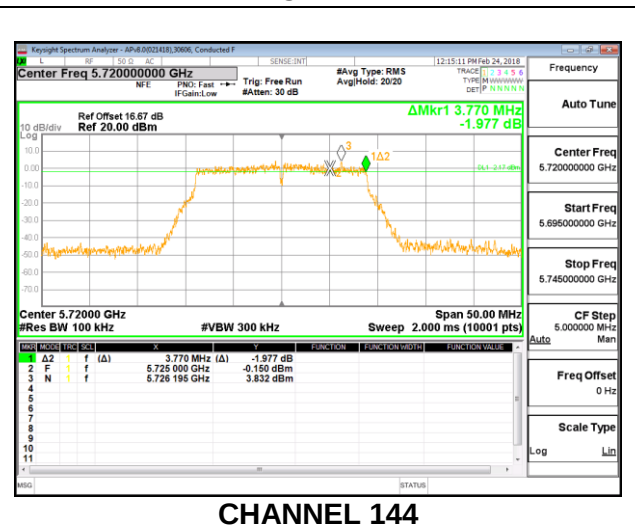
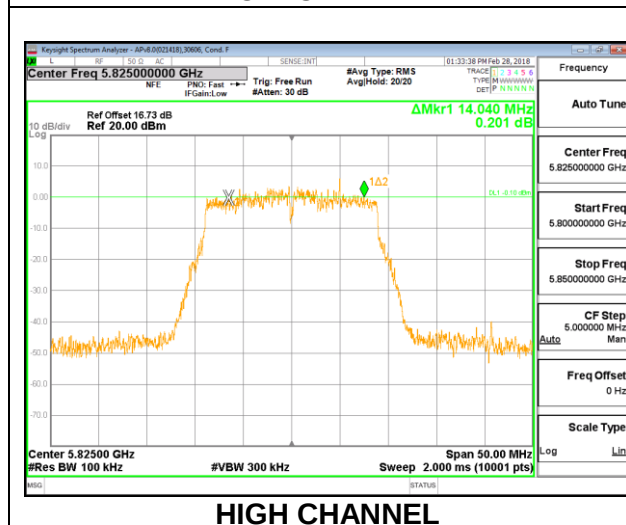
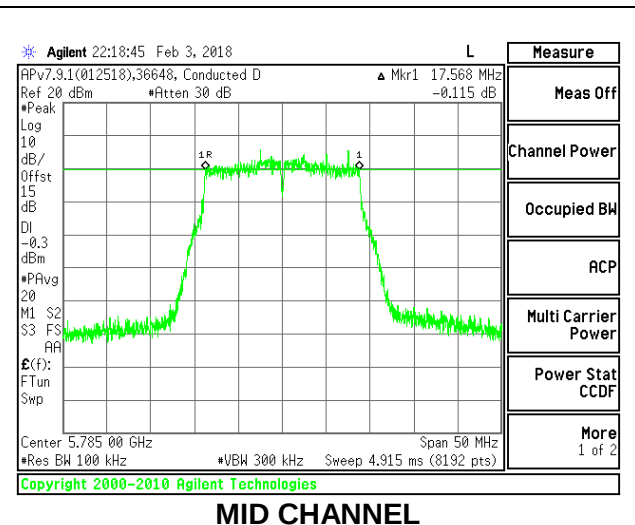
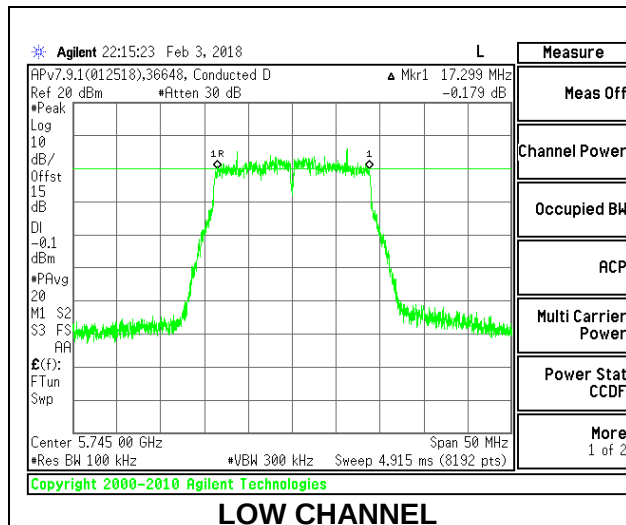
The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

8.4.1. 802.11n HT20 MODE IN THE 5.8 GHz BAND

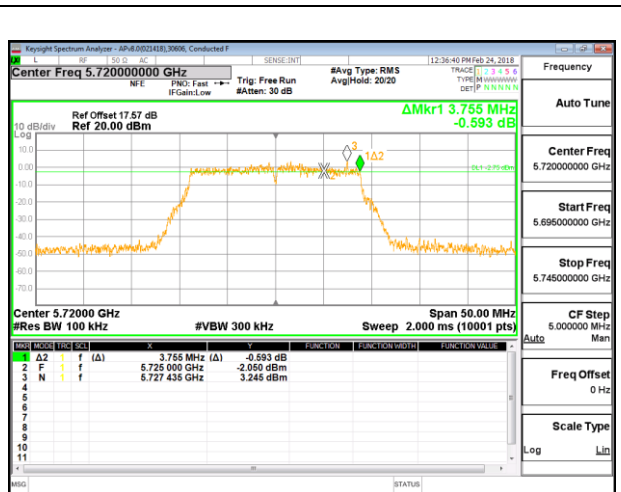
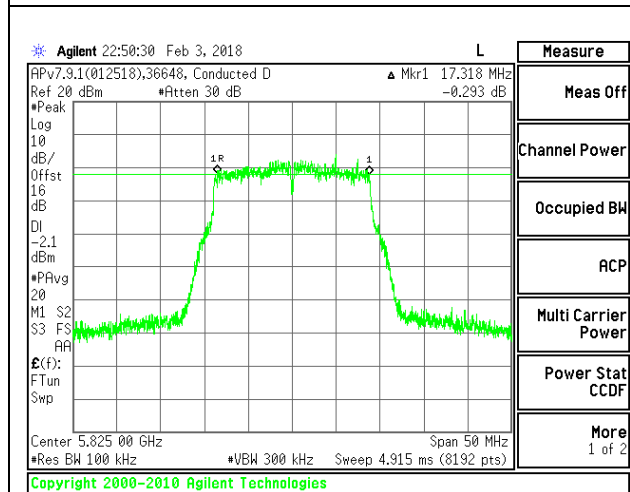
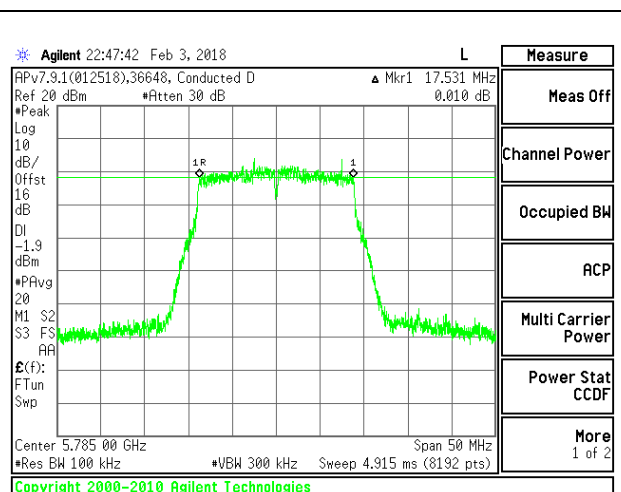
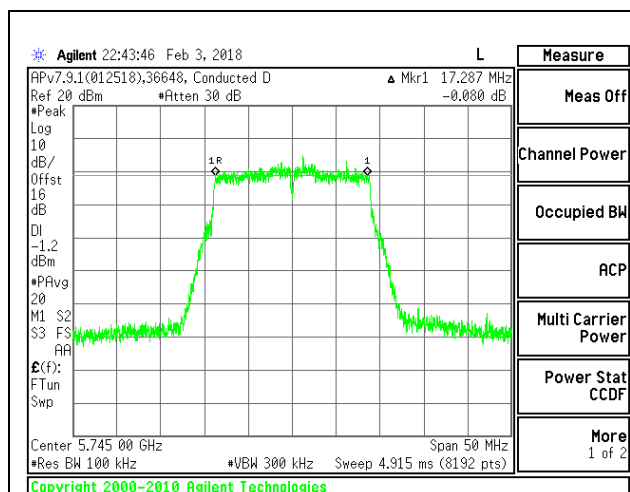
1TX Antenna 6 Mode

Channel	Frequency	6 dB Bandwidth	Minimum Limit
	(MHz)	(MHz)	(MHz)
Low	5745	17.299	0.5
Mid	5785	17.568	0.5
High	5825	14.040	0.5
144	5720	3.770	0.5



1TX Antenna 5 Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	17.287	0.5
Mid	5785	17.531	0.5
High	5825	17.318	0.5
144	5720	3.755	0.5

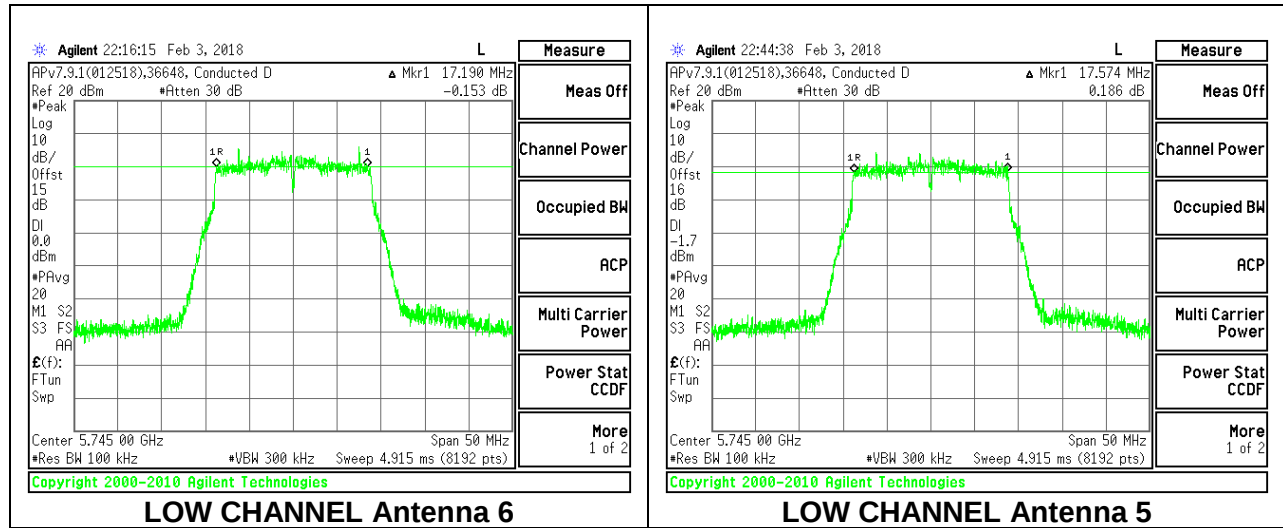


CHANNEL 144

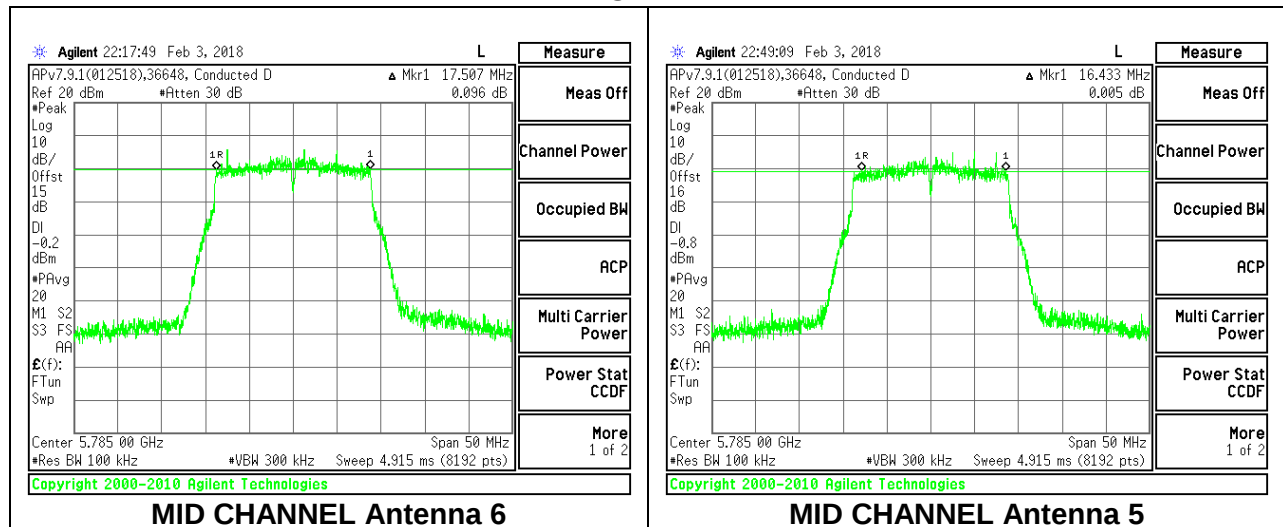
2TX Antenna 6 + Antenna 5 CDD MODE

Channel	Frequency (MHz)	6 dB BW Antenna 6 (MHz)	6 dB BW Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5745	17.190	17.574	0.5
Mid	5785	17.507	16.433	0.5
High	5825	17.610	17.269	0.5
144	5720	3.825	3.840	0.5

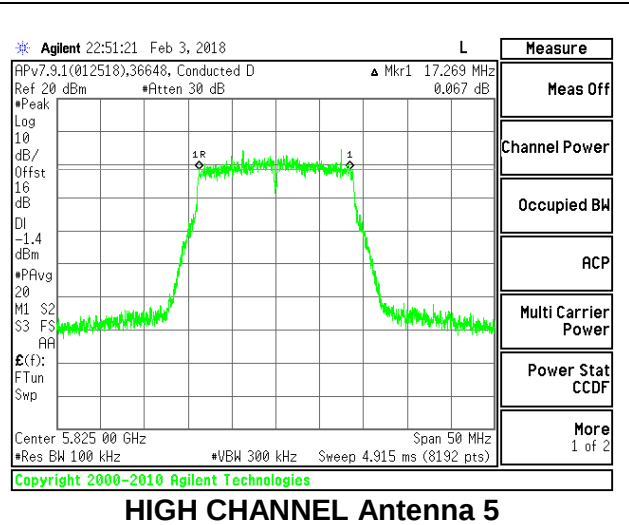
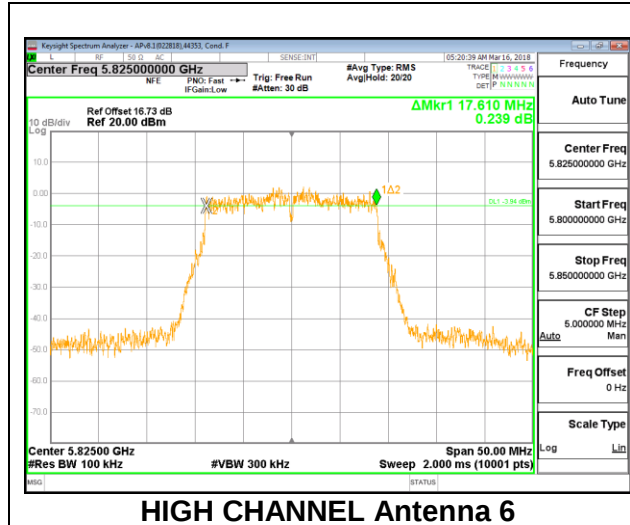
LOW CHANNEL



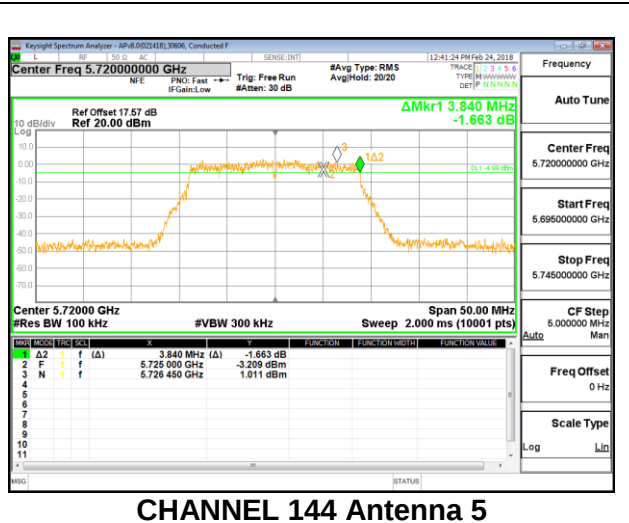
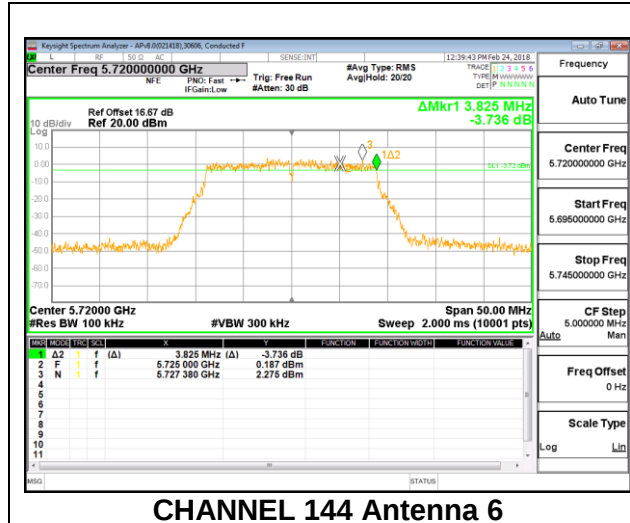
MID CHANNEL



HIGH CHANNEL



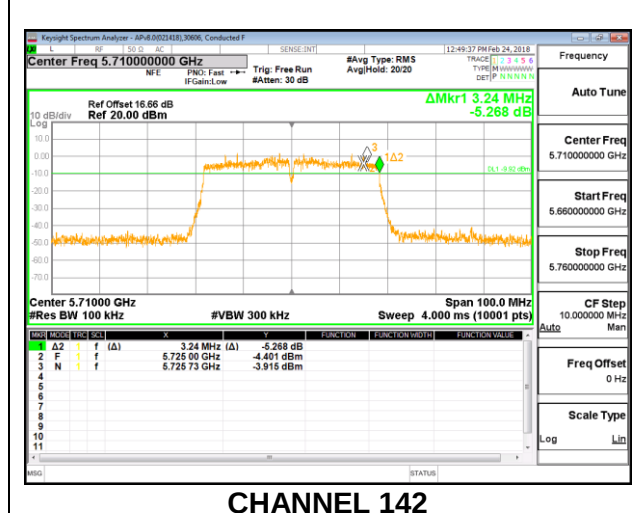
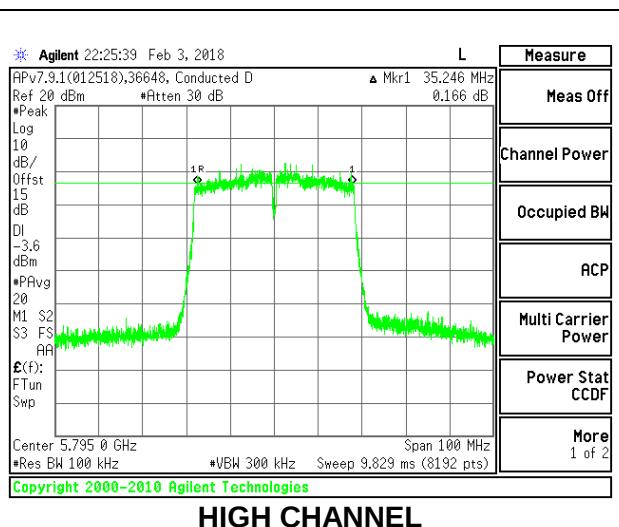
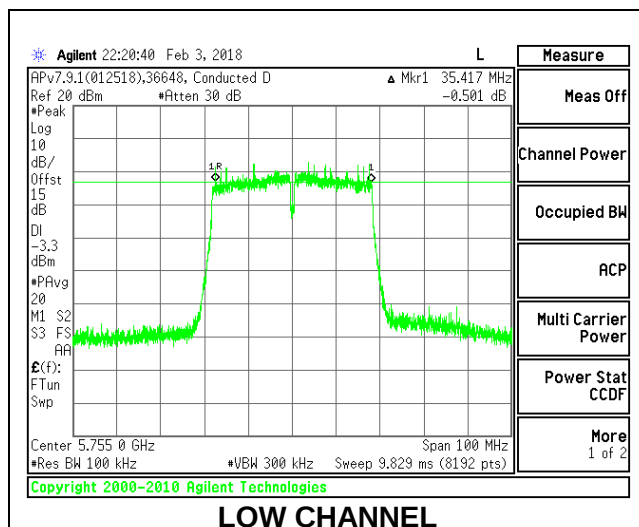
CHANNEL 144



8.4.2. 802.11n HT40 MODE IN THE 5.8 GHz BAND

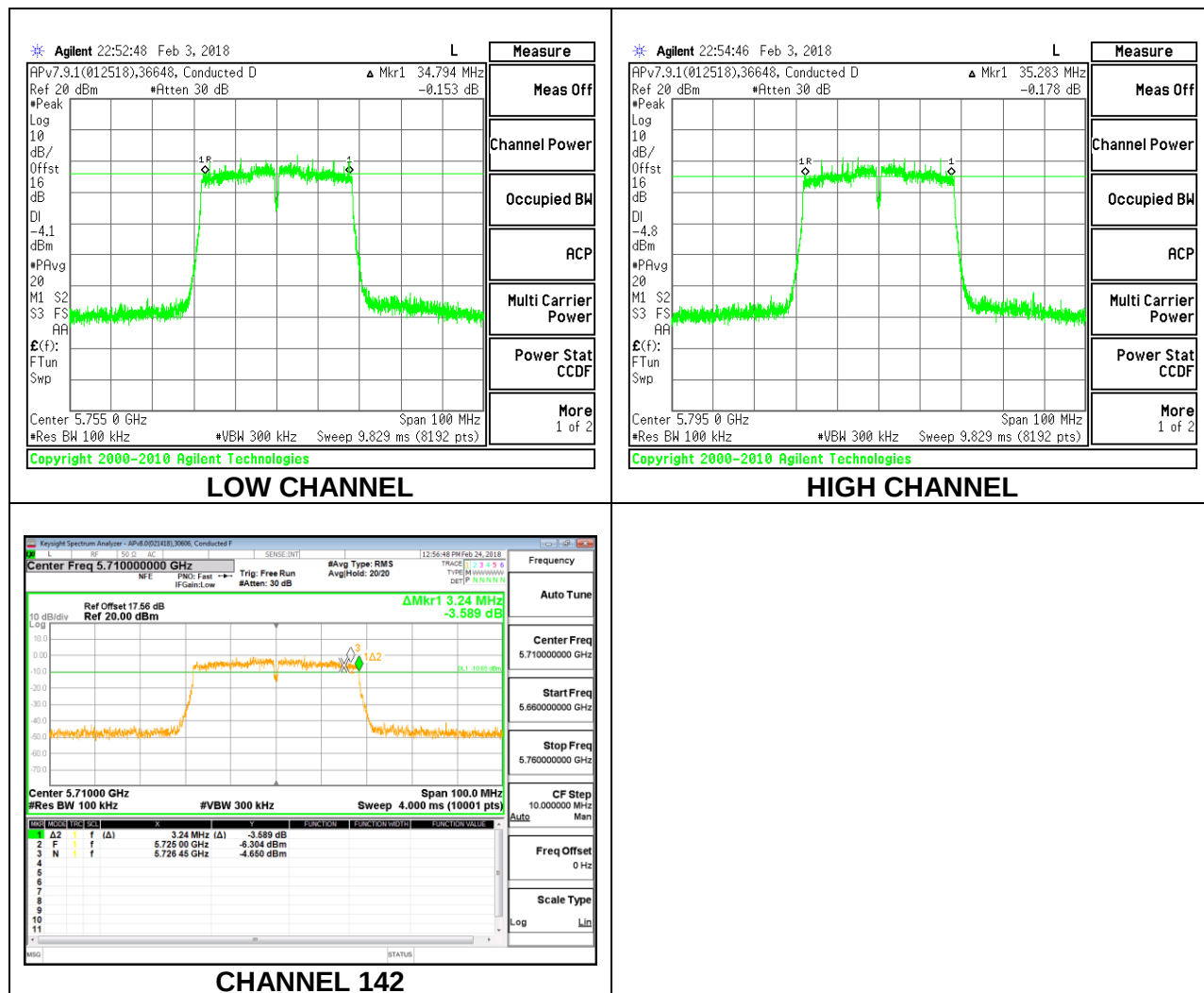
1TX Antenna 6 Mode

Channel	Frequency	6 dB Bandwidth	Minimum Limit
	(MHz)	(MHz)	(MHz)
Low	5755	35.417	0.5
High	5795	35.246	0.5
142	5710	3.240	0.5



1TX Antenna 5 Mode

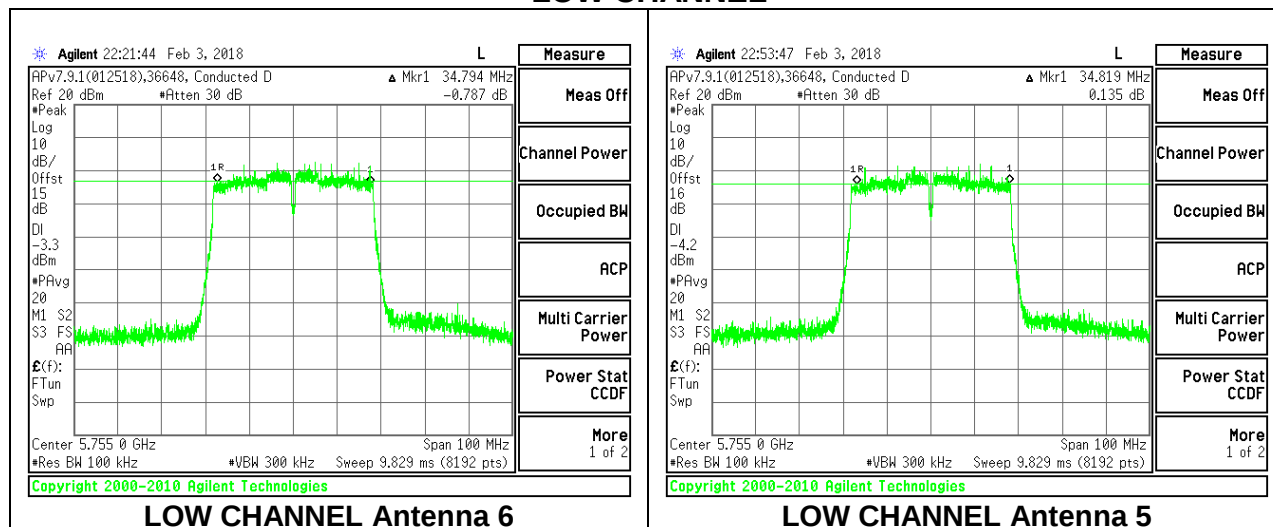
Channel	Frequency	6 dB Bandwidth	Minimum Limit
	(MHz)	(MHz)	(MHz)
Low	5755	34.794	0.5
High	5795	35.283	0.5
142	5710	3.240	0.5



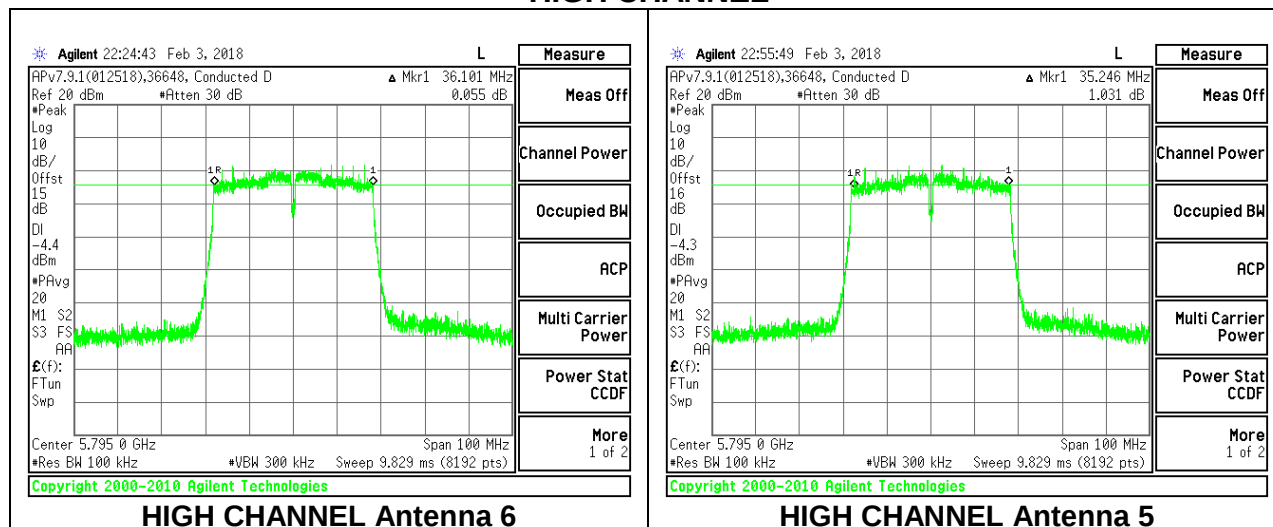
2TX Antenna 6 + Antenna 5 CDD MODE

Channel	Frequency (MHz)	6 dB BW Antenna 6 (MHz)	6 dB BW Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5755	34.794	34.819	0.5
High	5795	36.101	35.246	0.5
142	5710	3.250	3.150	0.5

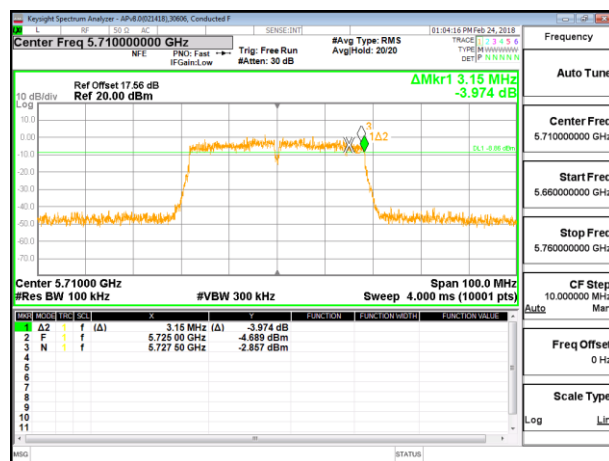
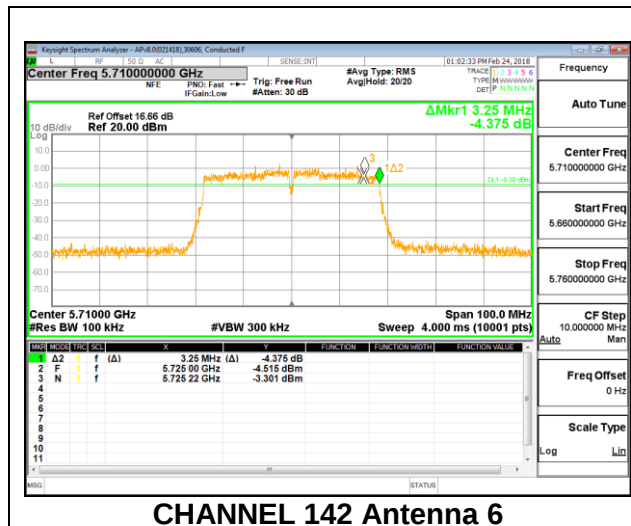
LOW CHANNEL



HIGH CHANNEL



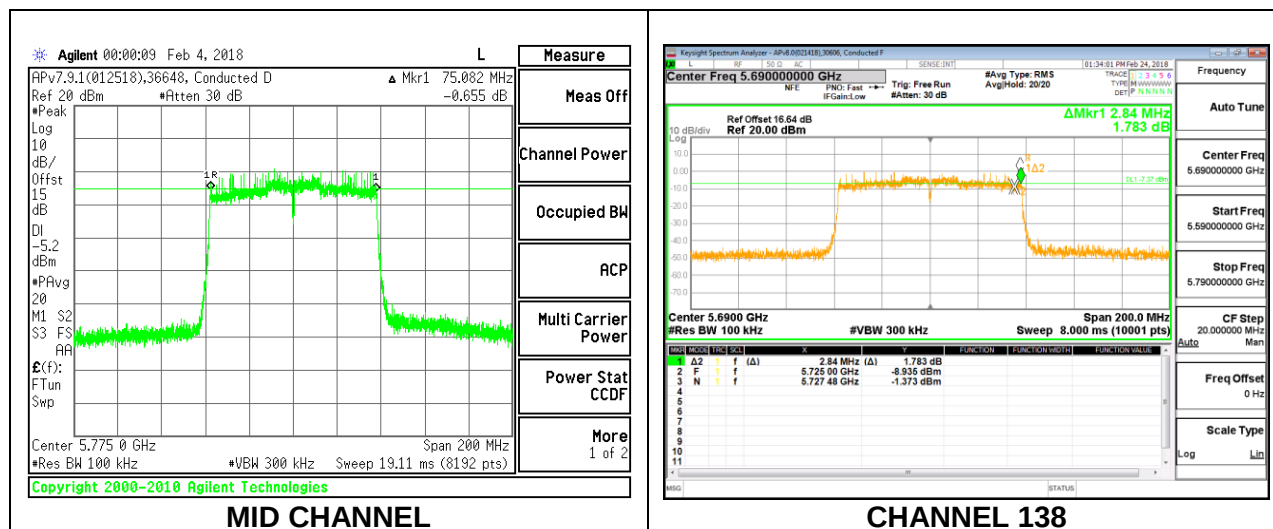
CHANNEL 142



8.4.3. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

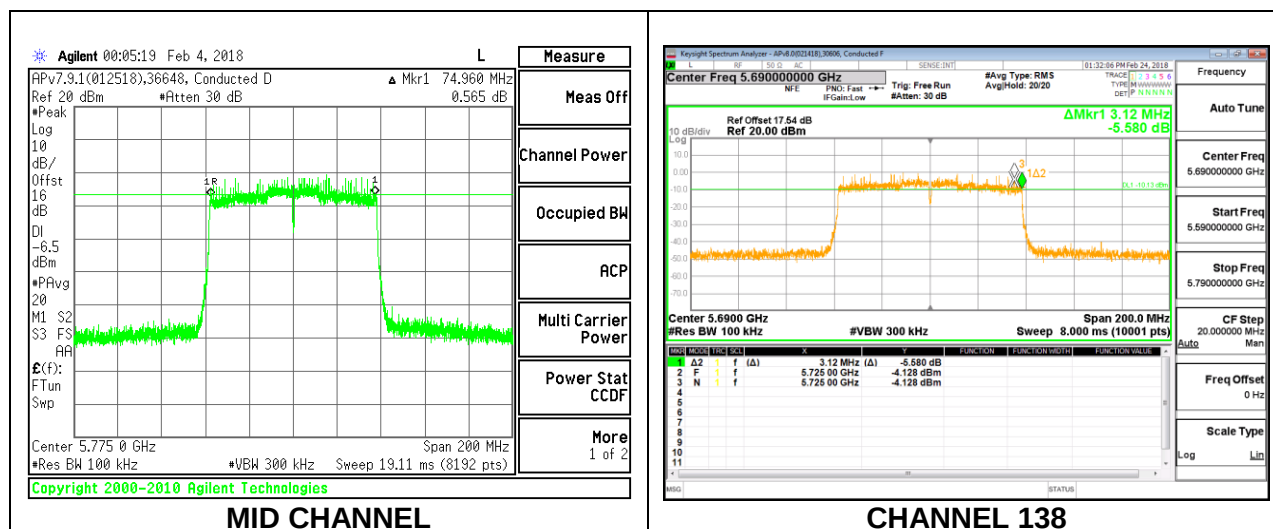
1TX Antenna 6 Mode

Channel	Frequency	6 dB Bandwidth	Minimum Limit
	(MHz)	(MHz)	(MHz)
Mid	5775	75.082	0.5
138	5690	2.840	0.5



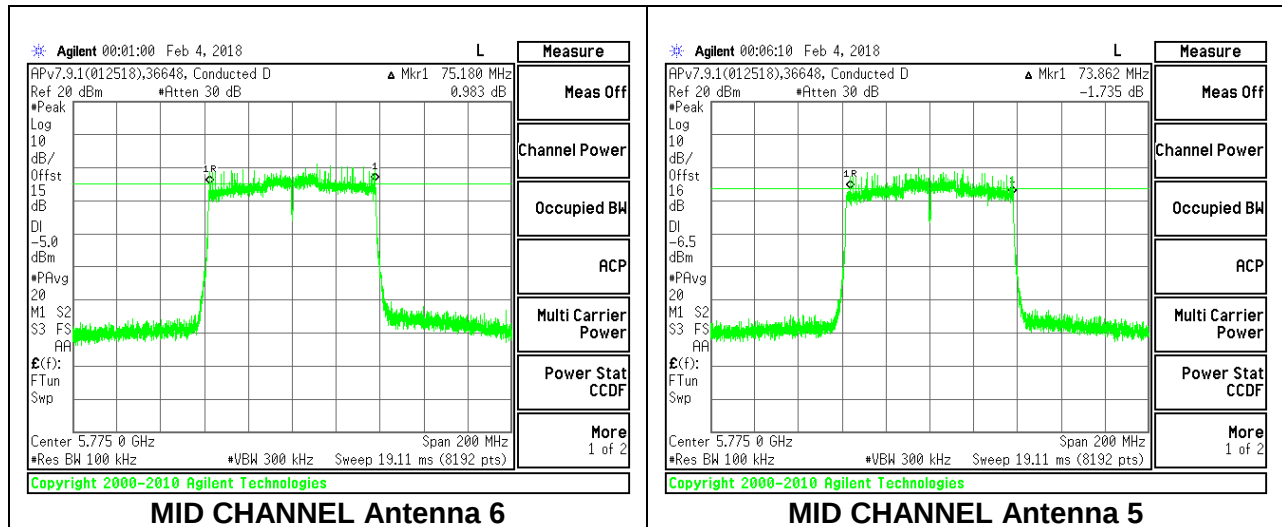
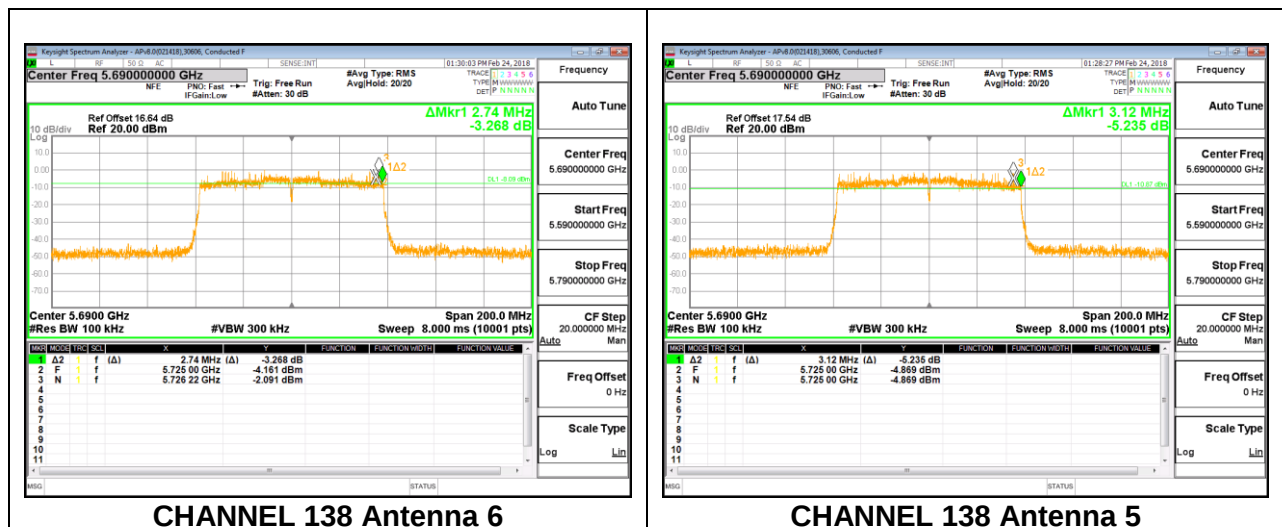
1TX Antenna 5 Mode

Channel	Frequency	6 dB Bandwidth	Minimum Limit
	(MHz)	(MHz)	(MHz)
Mid	5775	74.960	0.5
138	5690	3.120	0.5



2TX Antenna 6 + Antenna 5 CDD MODE

Channel	Frequency (MHz)	6 dB BW Antenna 6 (MHz)	6 dB BW Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	75.180	73.862	0.5
138	5690	2.740	3.120	0.5

MID CHANNEL**CHANNEL 138**

8.5. 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-2) were used.

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

DIRECTIONAL ANTENNA GAIN

For 1 TX:

There is only one transmitter output therefore the directional gain is equal to the 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:

Band (GHz)	Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)	Correlated Chains Directional Gain (dBi)
5.2	-5.7	-5.6	-5.65	-2.64
5.3	-4.5	-5.0	-4.74	-1.74
5.6	-1.8	-5.0	-3.11	-0.24
5.8	-2.2	-5.7	-3.61	-0.76

RESULTS

8.5.1. 802.11n HT20 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 Mode MOBILE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-5.70	24.00	11.00
Mid	5200	-5.70	24.00	11.00
High	5240	-5.70	24.00	11.00

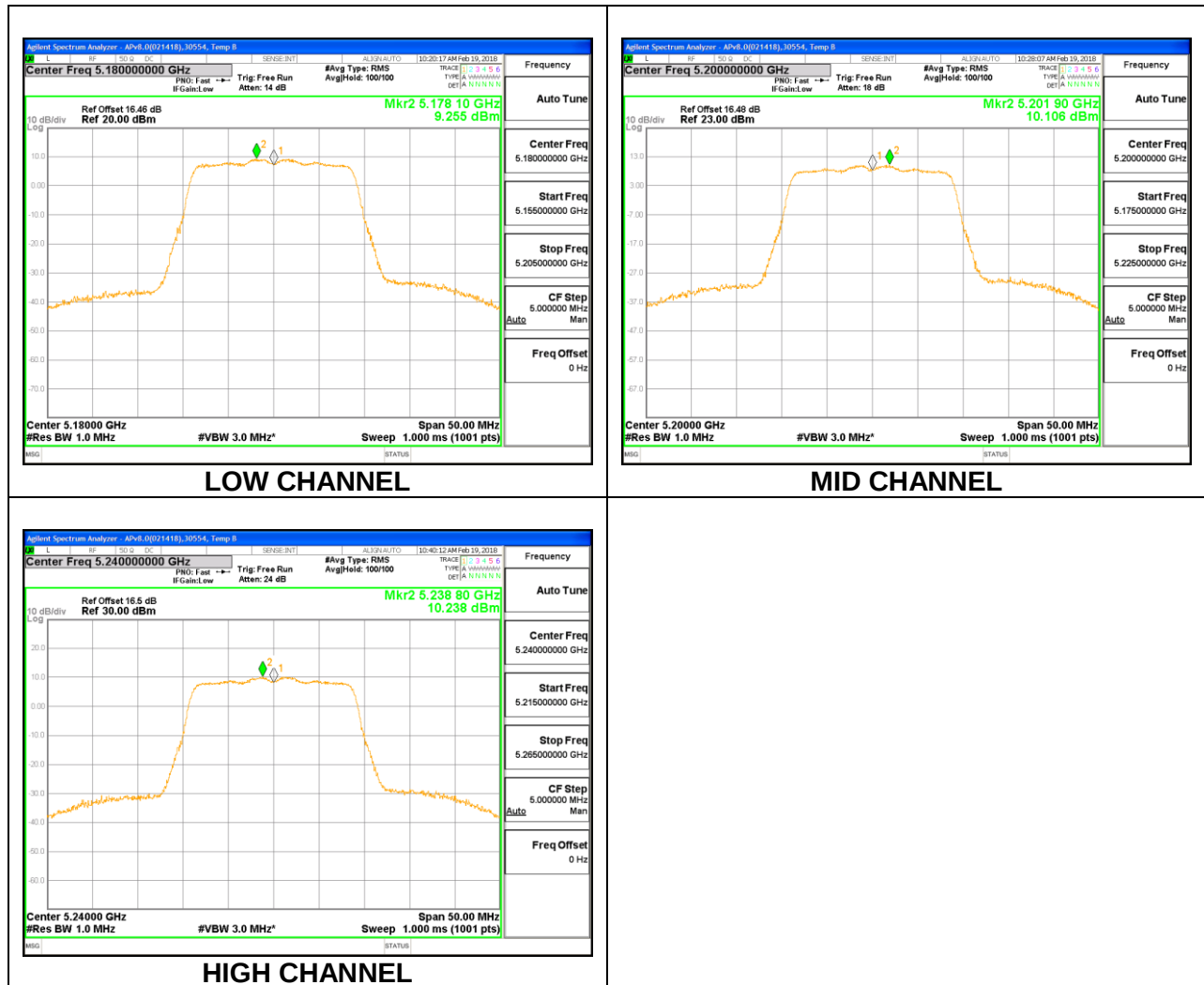
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	19.88	19.88	24.00	-4.12
Mid	5200	20.91	20.91	24.00	-3.09
High	5240	20.94	20.94	24.00	-3.06

PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	9.26	9.26	11.00	-1.75
Mid	5200	10.11	10.11	11.00	-0.89
High	5240	10.24	10.24	11.00	-0.76



1TX Antenna 5 Mode MOBILE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-5.60	24.00	11.00
Mid	5200	-5.60	24.00	11.00
High	5240	-5.60	24.00	11.00

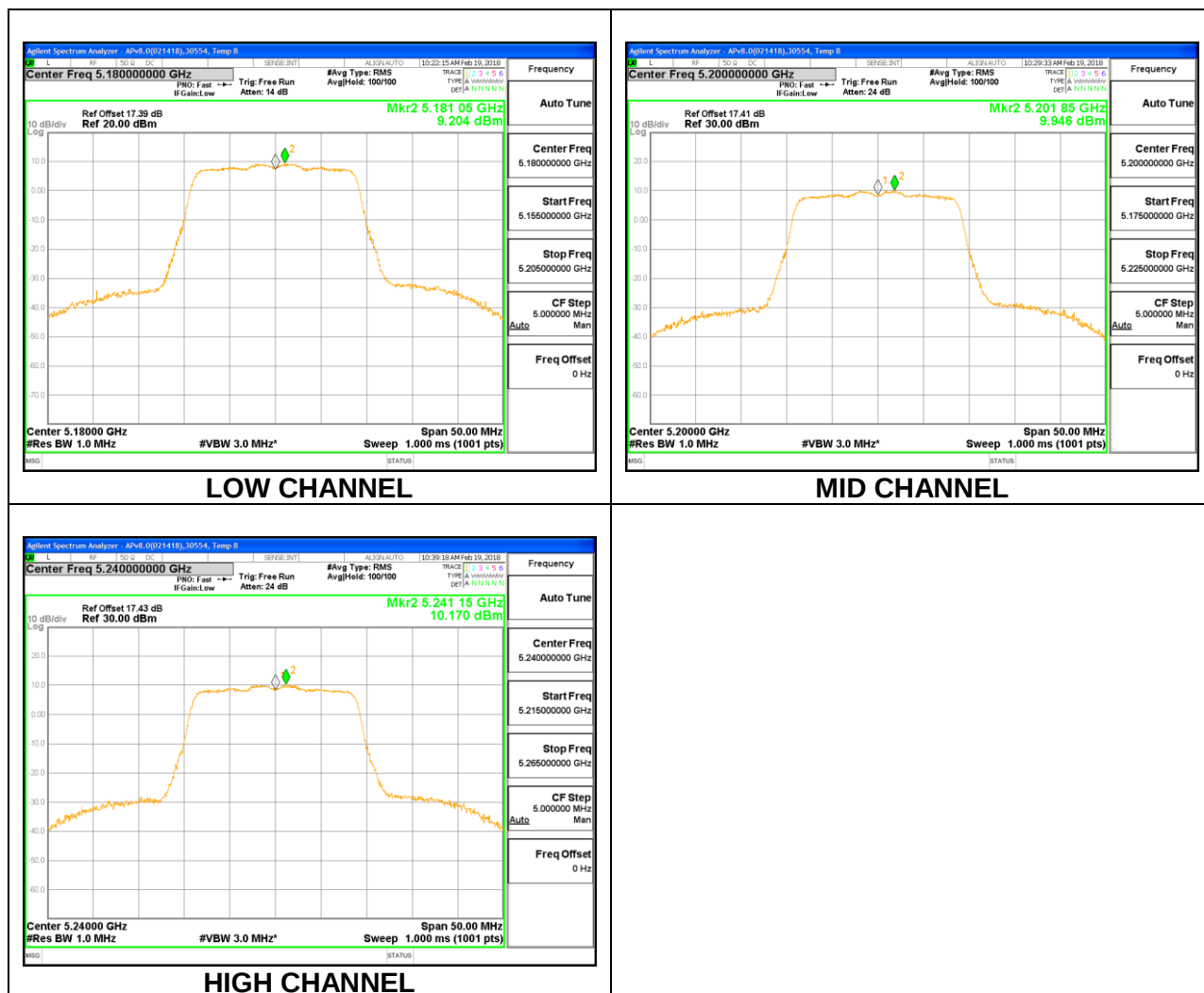
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	19.82	19.82	24.00	-4.18
Mid	5200	20.89	20.89	24.00	-3.11
High	5240	20.92	20.92	24.00	-3.08

PSD Results

Channel	Frequency (MHz)	Ant 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	9.20	9.20	11.00	-1.80
Mid	5200	9.95	9.95	11.00	-1.05
High	5240	10.17	10.17	11.00	-0.83



2TX Antenna 6 + Antenna 5 CDD MODE 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	-5.65	-2.64	24.00	11.00
Mid	5200	-5.65	-2.64	24.00	11.00
High	5240	-5.65	-2.64	24.00	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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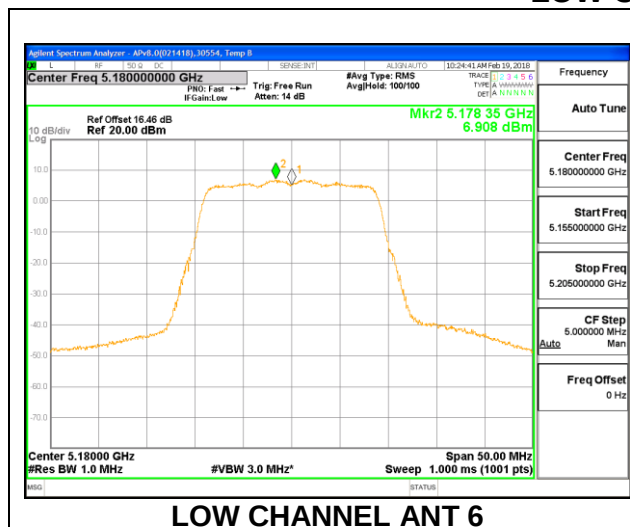
Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	17.82	17.92	20.88	24.00	-3.12
Mid	5200	17.98	17.75	20.88	24.00	-3.12
High	5240	17.80	17.82	20.82	24.00	-3.18

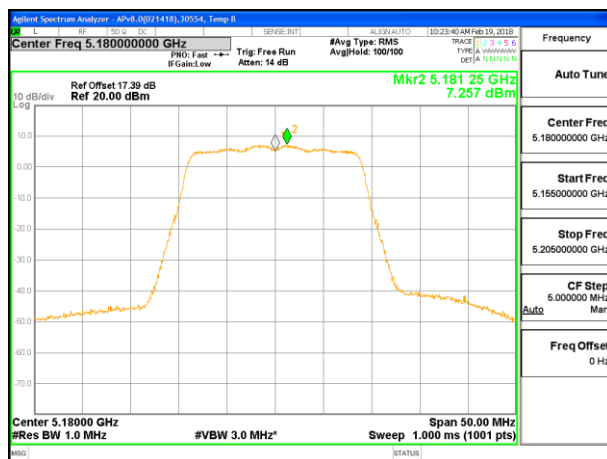
PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/1MHz)	Ant 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	6.91	7.26	10.10	11.00	-0.90
Mid	5200	6.86	6.82	9.85	11.00	-1.15
High	5240	6.97	7.13	10.06	11.00	-0.94

LOW CHANNEL

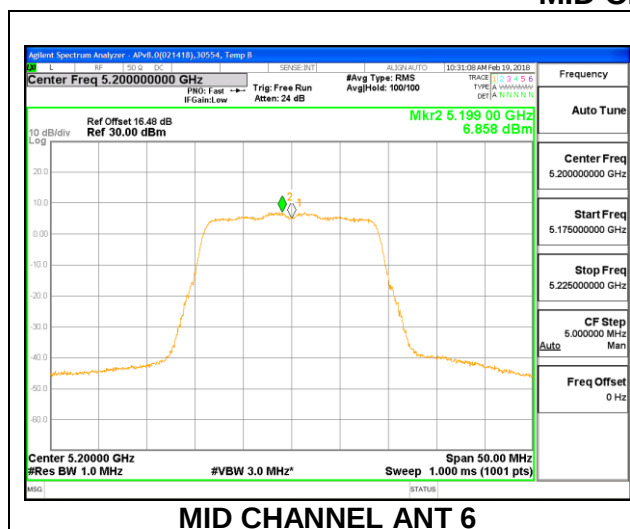


LOW CHANNEL ANT 6

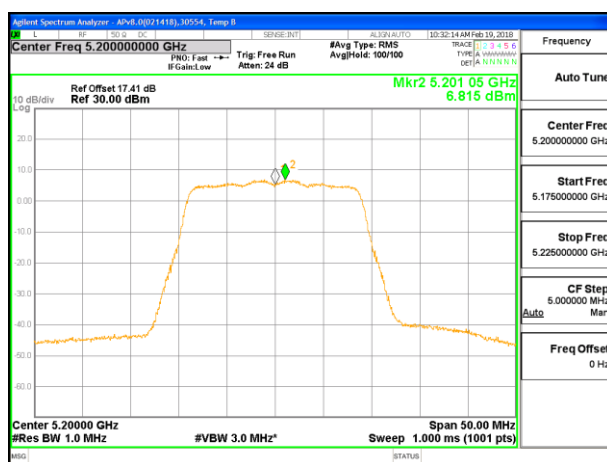


LOW CHANNEL ANT 5

MID CHANNEL

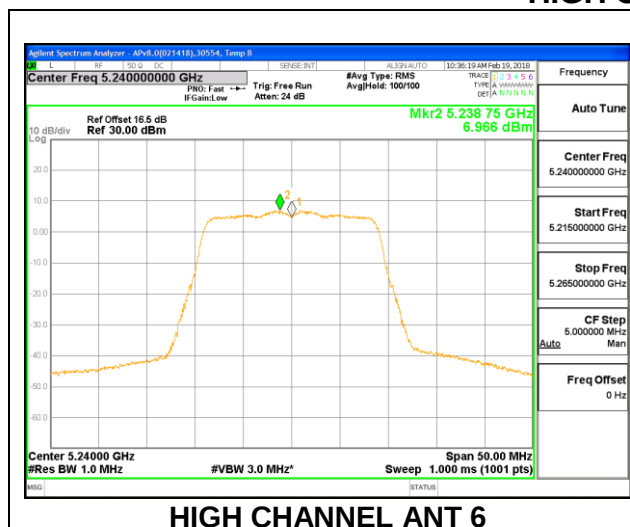


MID CHANNEL ANT 6

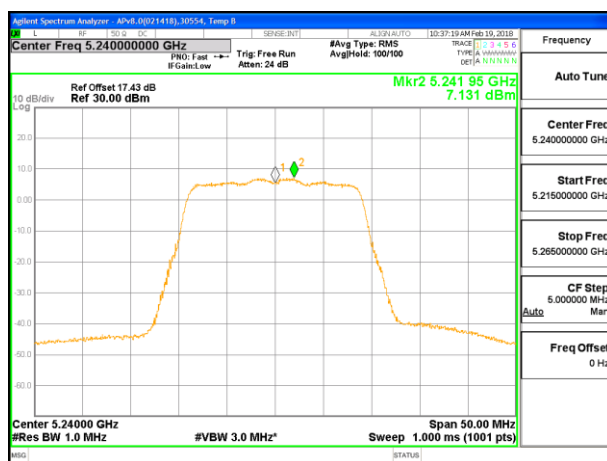


MID CHANNEL ANT 5

HIGH CHANNEL



HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5

8.5.2. 802.11n HT40 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 Mode MOBILE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-5.70	24.00	11.00
High	5230	-5.70	24.00	11.00

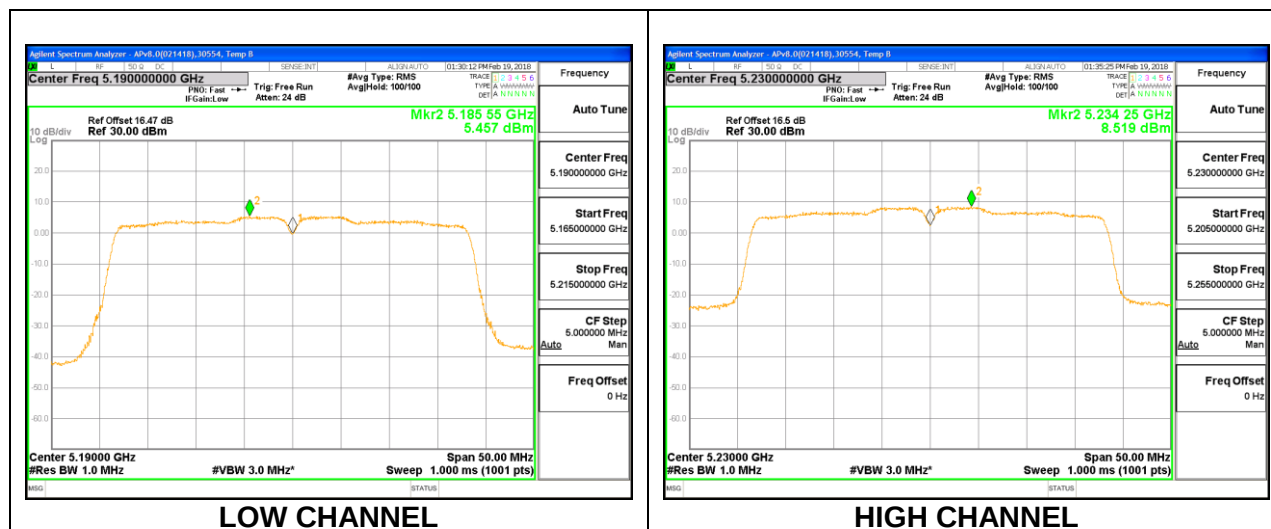
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	18.46	18.46	24.00	-5.54
High	5230	21.86	21.86	24.00	-2.14

PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	5.46	5.55	11.00	-5.45
High	5230	8.52	8.61	11.00	-2.39



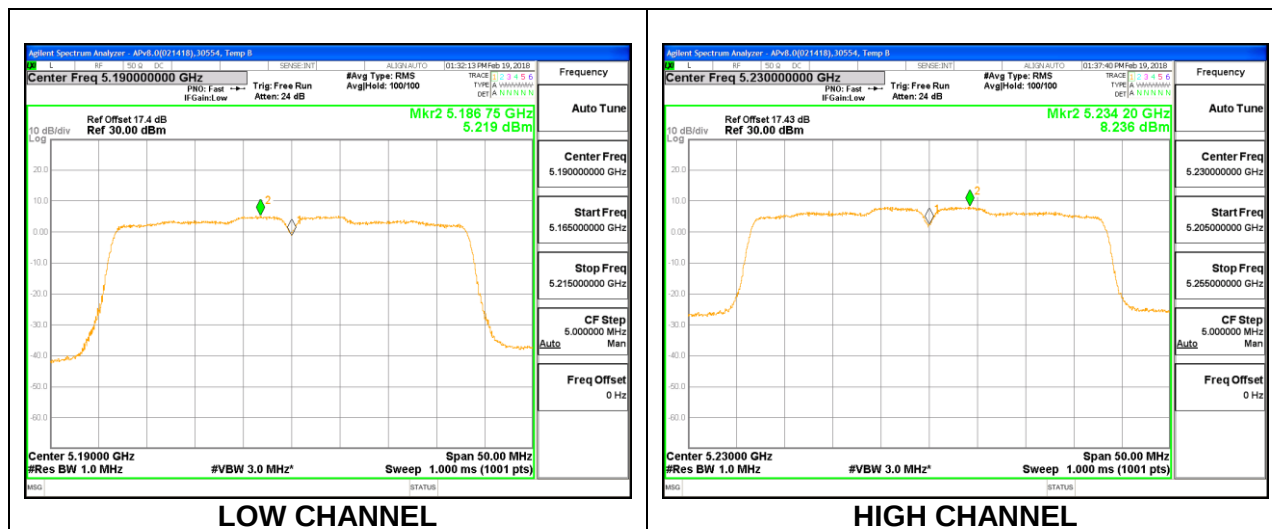
Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-5.60	24.00	11.00
High	5230	-5.60	24.00	11.00

Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Channel	Frequency (MHz)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	18.37	18.37	24.00	-5.63
High	5230	21.79	21.79	24.00	-2.21

Channel	Frequency (MHz)	Ant 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	5.22	5.31	11.00	-5.69
High	5230	8.24	8.33	11.00	-2.67



2TX Antenna 6 + Antenna 5 CDD MODE 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	-5.65	-2.64	24.00	11.00
High	5230	-5.65	-2.64	24.00	11.00

Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	17.98	17.90	20.95	24.00	-3.05
High	5230	19.85	19.94	22.91	24.00	-1.09

PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/ 1MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	4.43	4.29	7.46	11.00	-3.54
High	5230	6.23	6.48	9.46	11.00	-1.54

8.5.3. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 Mode MOBILE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-5.70	24.00	11.00

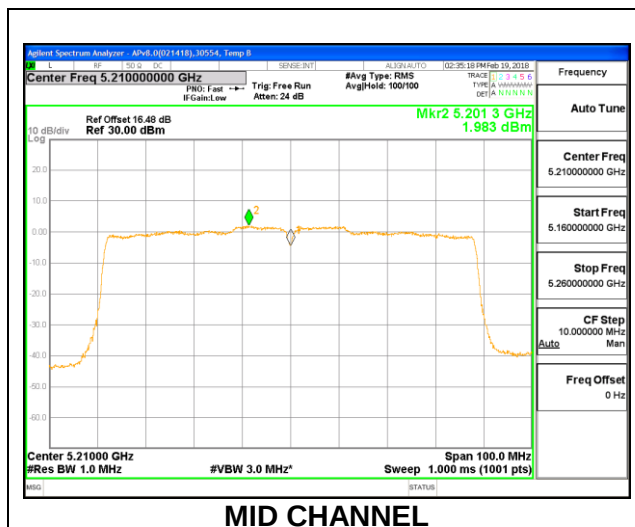
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	17.46	17.46	24.00	-6.54

PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	1.98	2.18	11.00	-8.82



1TX Antenna 5 Mode MOBILE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-5.60	24.00	11.00

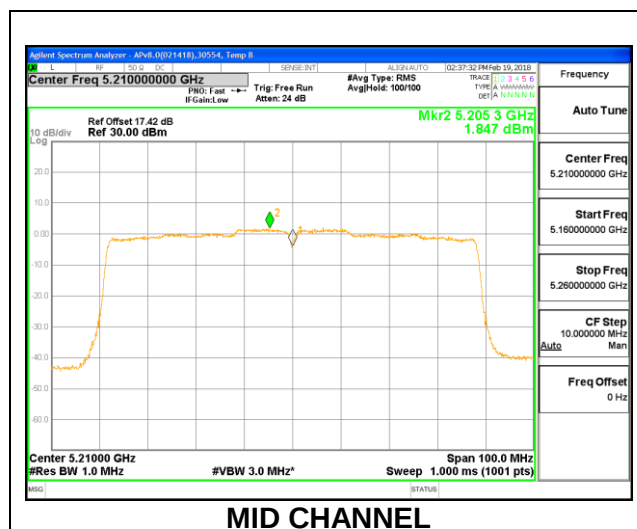
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	17.41	17.41	24.00	-6.59

PSD Results

Channel	Frequency (MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	1.85	2.05	11.00	-8.95



2TX Antenna 6 + Antenna 5 CDD MODE 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	-5.65	-2.64	24.00	11.00

Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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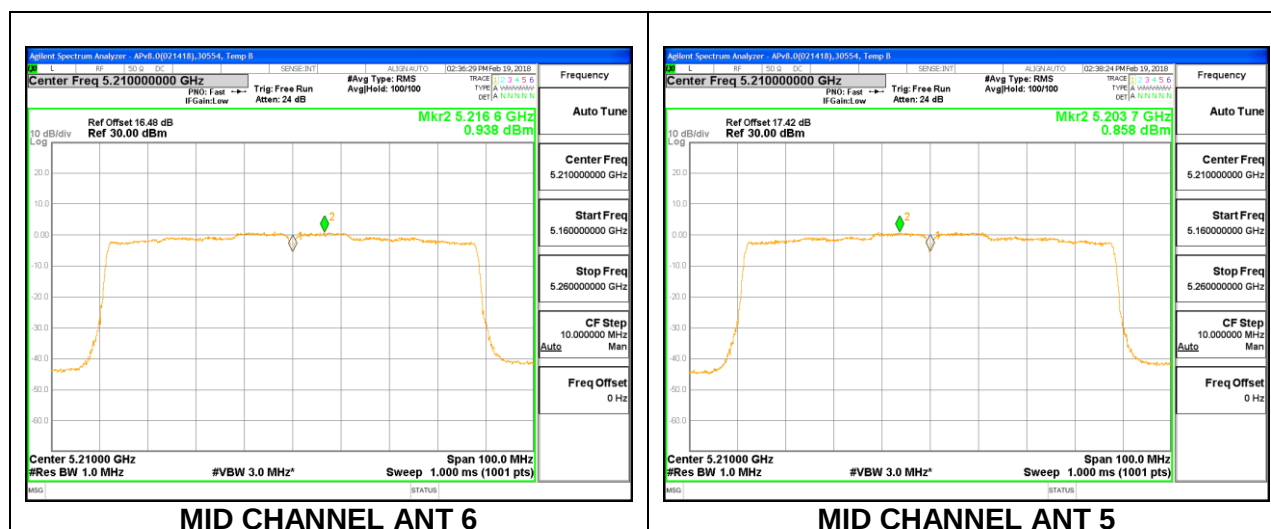
Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	17.45	17.31	20.39	24.00	-3.61

PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/ 1MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	0.94	0.86	4.11	11.00	-6.89

MID CHANNEL



8.5.4. 802.11n HT20 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 Mode

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	22.00	-4.50	24.00	11.00
Mid	5300	22.00	-4.50	24.00	11.00
High	5320	22.00	-4.50	24.00	11.00

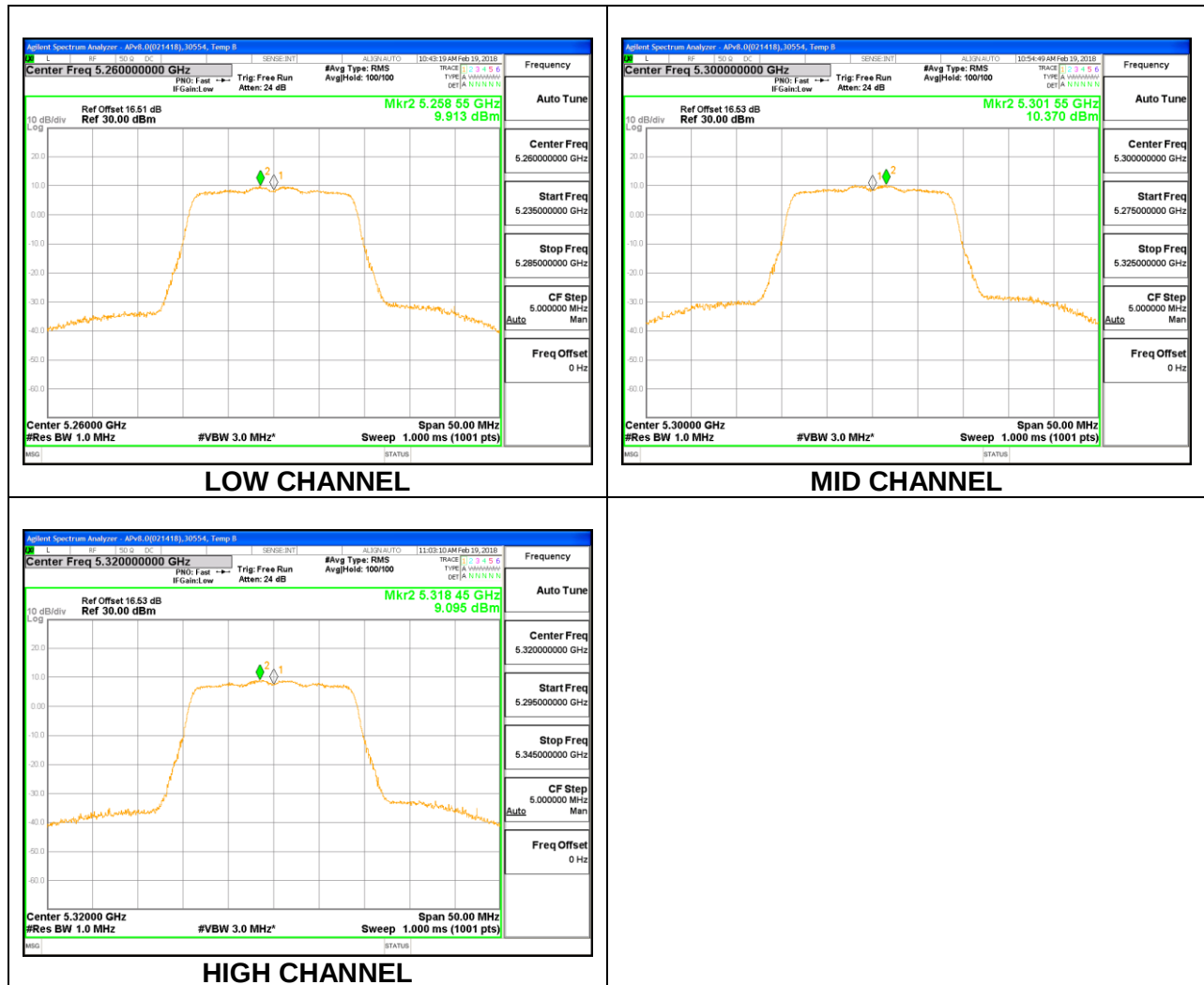
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	20.86	20.86	24.00	-3.14
Mid	5300	20.77	20.77	24.00	-3.23
High	5320	18.81	18.81	24.00	-5.19

PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.913	9.91	11.00	-1.09
Mid	5300	10.370	10.37	11.00	-0.63
High	5320	9.095	9.10	11.00	-1.91



1TX Antenna 5 Mode

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	21.90	-5.00	24.00	11.00
Mid	5300	21.90	-5.00	24.00	11.00
High	5320	21.95	-5.00	24.00	11.00

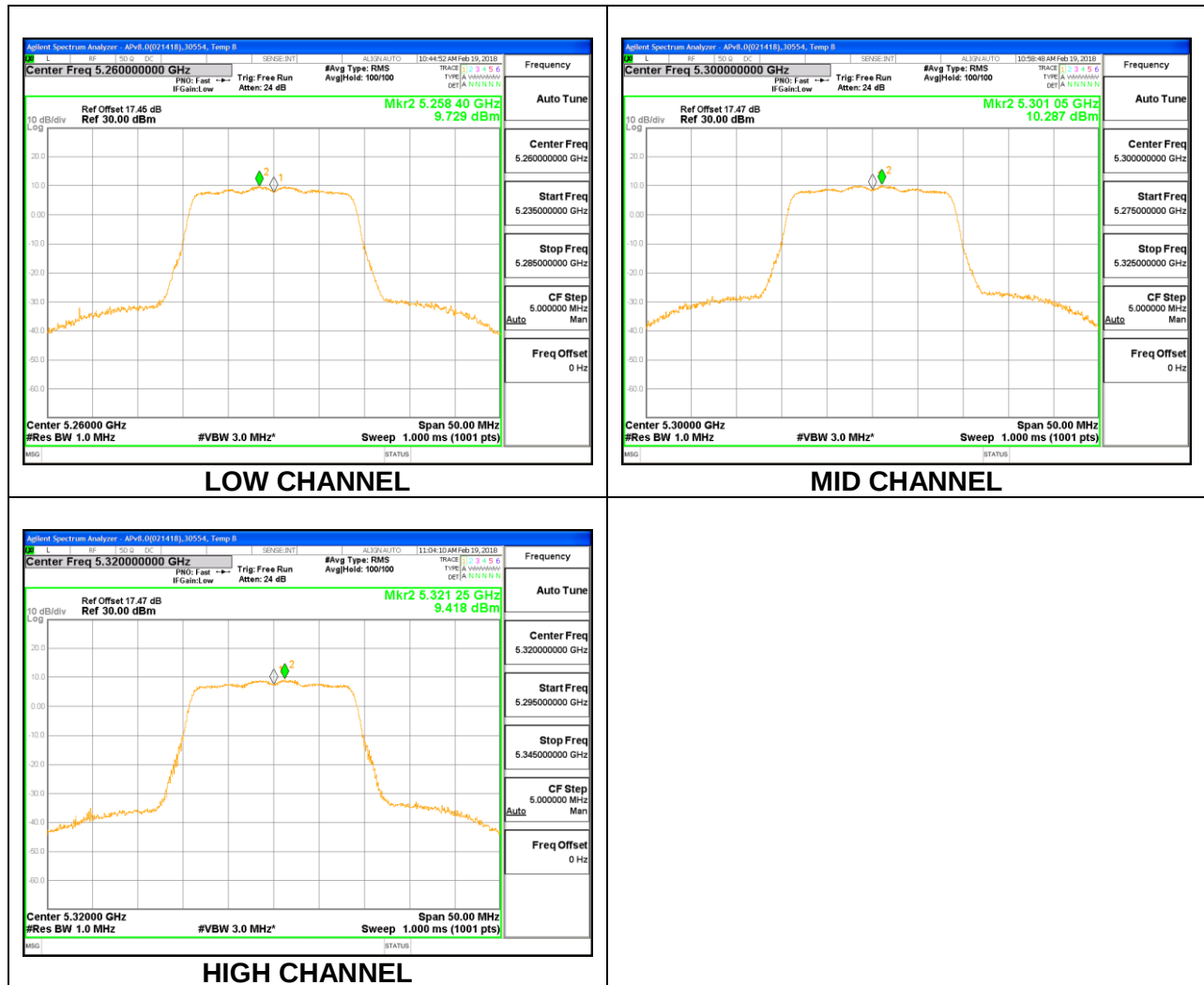
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	20.87	20.87	24.00	-3.13
Mid	5300	20.79	20.79	24.00	-3.21
High	5320	18.92	18.92	24.00	-5.08

PSD Results

Channel	Frequency (MHz)	Ant 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.729	9.73	11.00	-1.27
Mid	5300	10.287	10.29	11.00	-0.71
High	5320	9.418	9.42	11.00	-1.58



2TX Antenna 6 + Antenna 5 CDD MODE

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	21.55	-4.74	-1.74	24.00	11.00
Mid	5300	21.85	-4.74	-1.74	24.00	11.00
High	5320	21.60	-4.74	-1.74	24.00	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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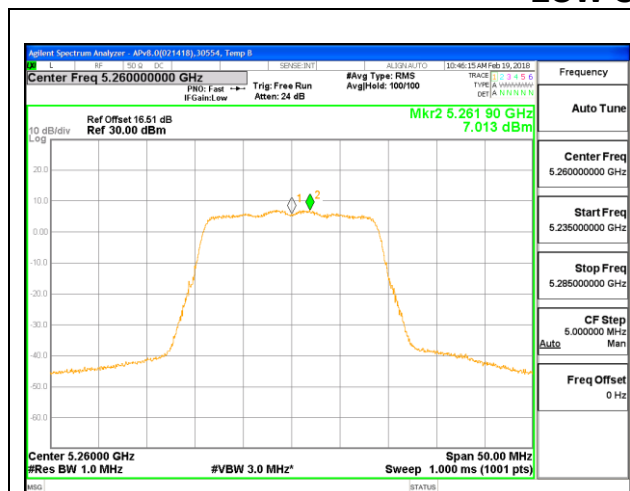
Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	17.77	17.79	20.79	24.00	-3.21
Mid	5300	17.93	17.81	20.88	24.00	-3.12
High	5320	17.75	17.85	20.81	24.00	-3.19

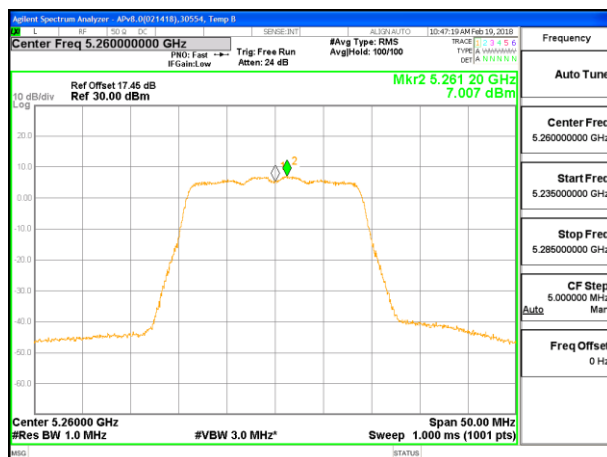
PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/1MHz)	Ant 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.01	7.01	10.02	11.00	-0.98
Mid	5300	7.20	6.98	10.10	11.00	-0.90
High	5320	6.78	7.21	10.01	11.00	-0.99

LOW CHANNEL

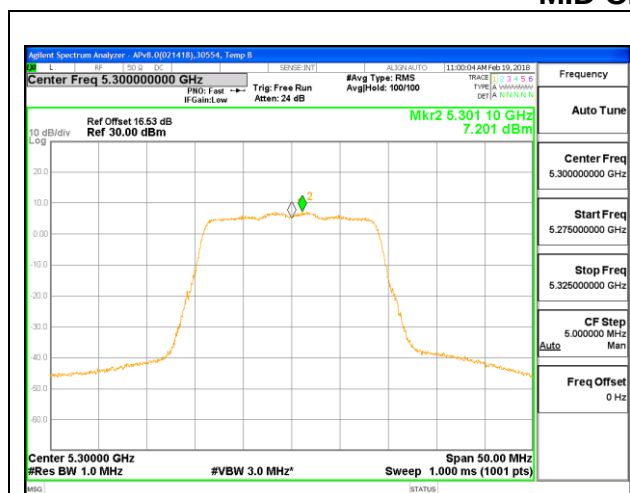


LOW CHANNEL Antenna 6

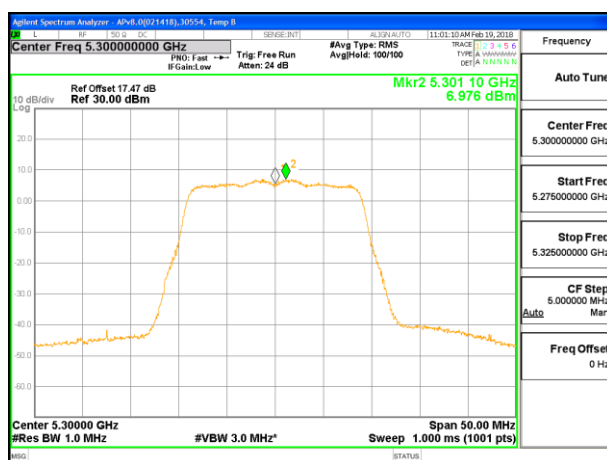


LOW CHANNEL Antenna 5

MID CHANNEL

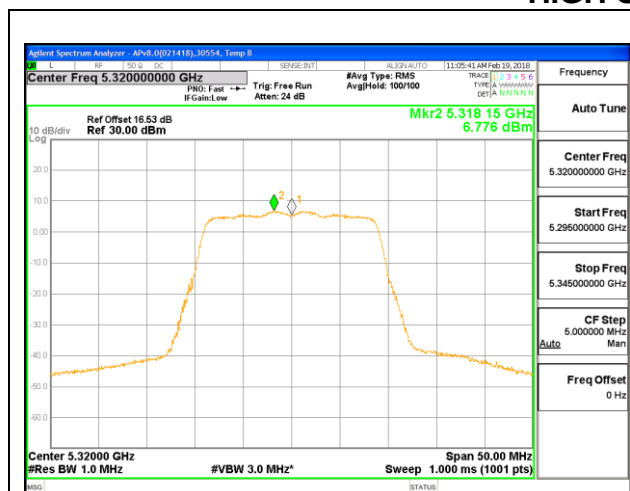


MID CHANNEL Antenna 6

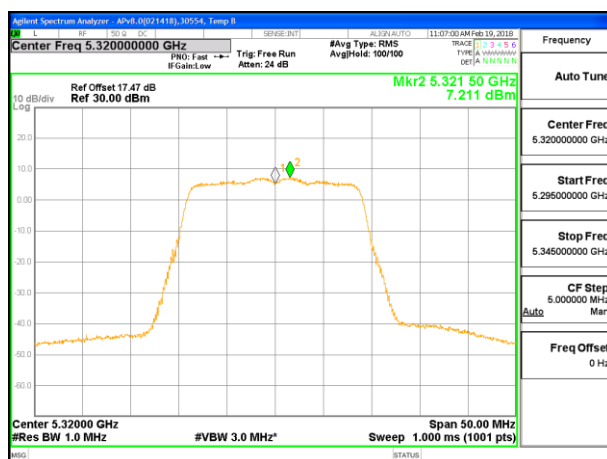


MID CHANNEL Antenna 5

HIGH CHANNEL



HIGH CHANNEL Antenna 6



HIGH CHANNEL Antenna 5

8.5.5. 802.11n HT40 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 Mode

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	40.50	-4.50	24.00	11.00
High	5310	40.60	-4.50	24.00	11.00

Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.86	20.86	24.00	-3.14
High	5310	17.31	17.31	24.00	-6.69

PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.00	8.09	11.00	-2.91
High	5310	4.20	4.29	11.00	-6.71

