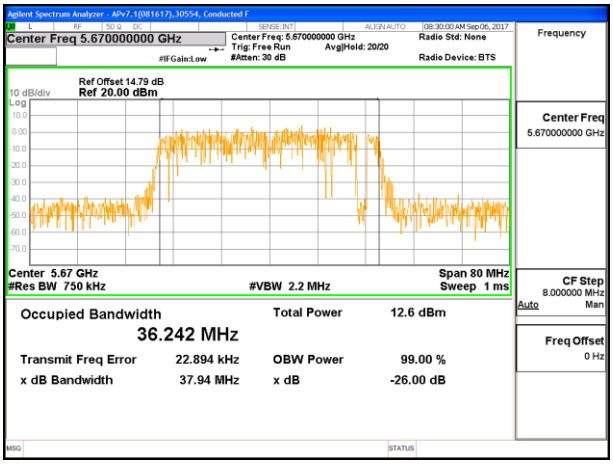
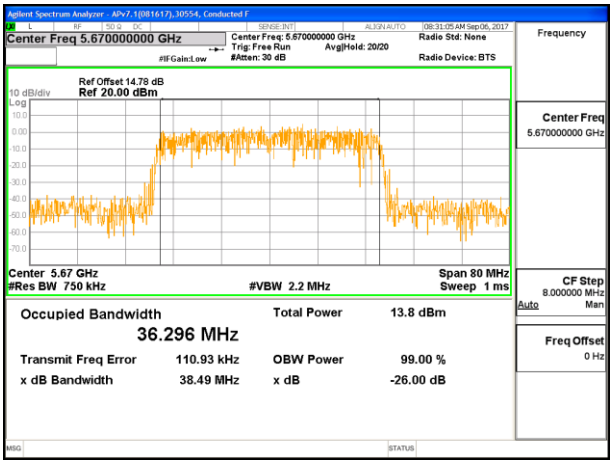
HIGH CHANNEL

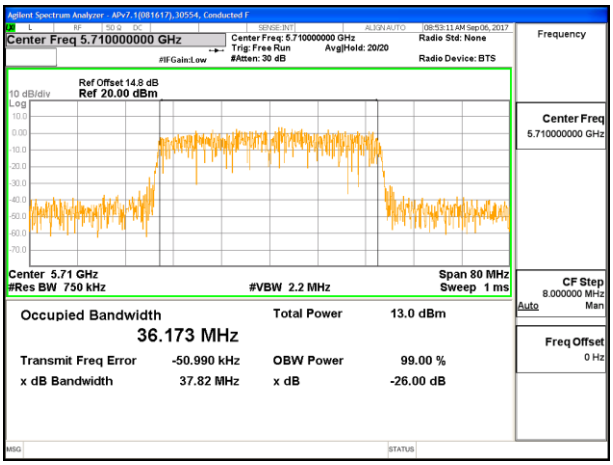


HIGH CHANNEL ANT A

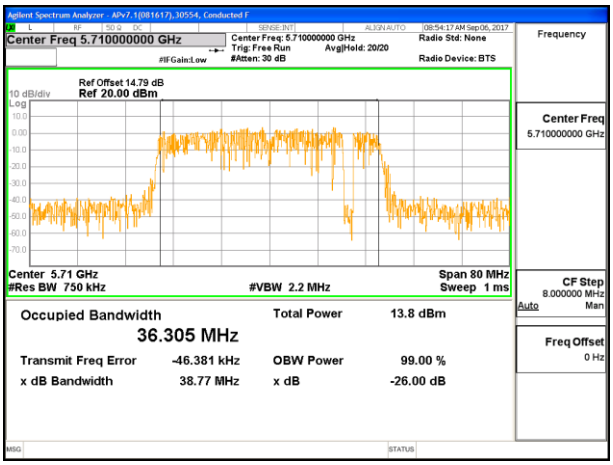


HIGH CHANNEL ANT B

CHANNEL 142



CHANNEL 142 ANT A

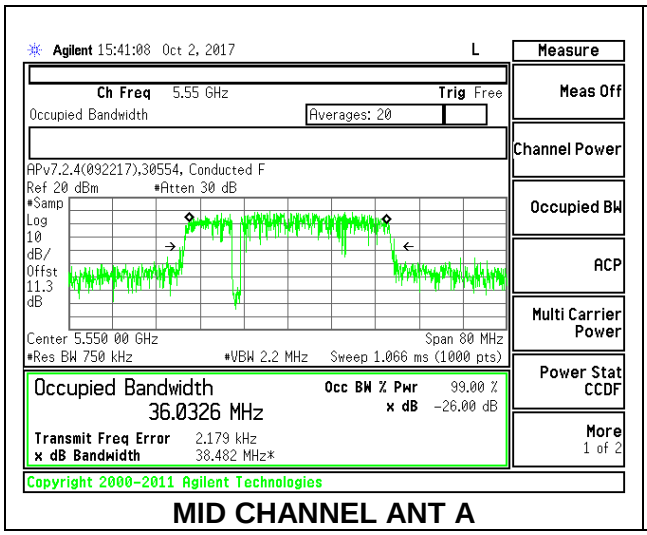


CHANNEL 142 ANT B

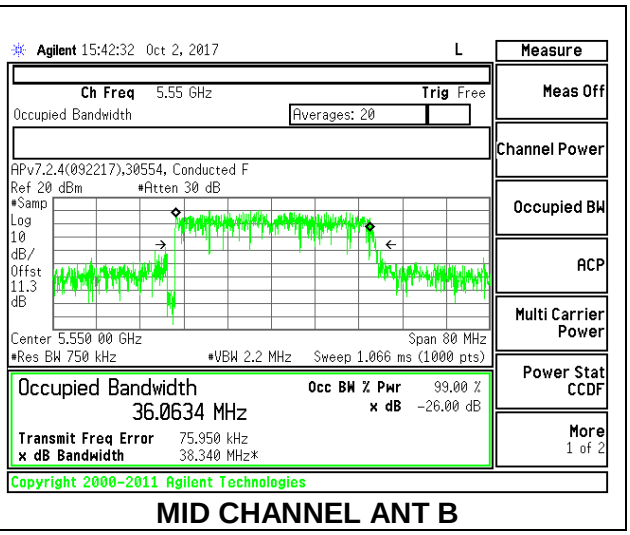
2TX Antenna A + Antenna B STBC MODE

Channel	Frequency (MHz)	99% Bandwidth Ant A (MHz)	99% Bandwidth Ant B (MHz)
Mid	5550	36.0326	36.0634
142	5710	36.1895	36.0999

MID CHANNEL

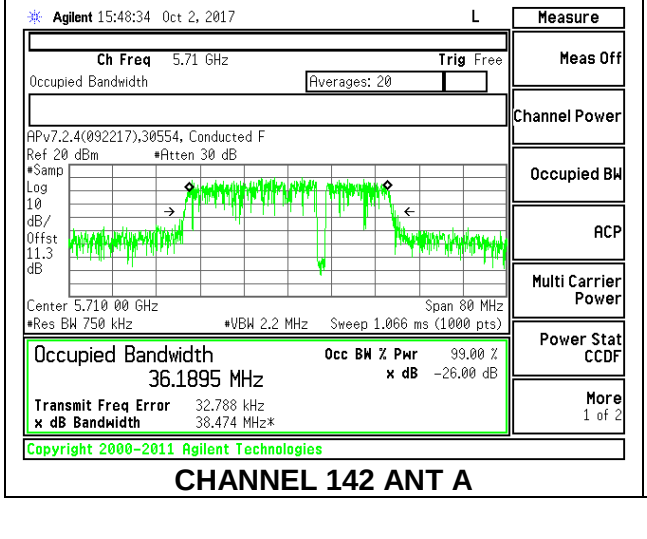


MID CHANNEL ANT A

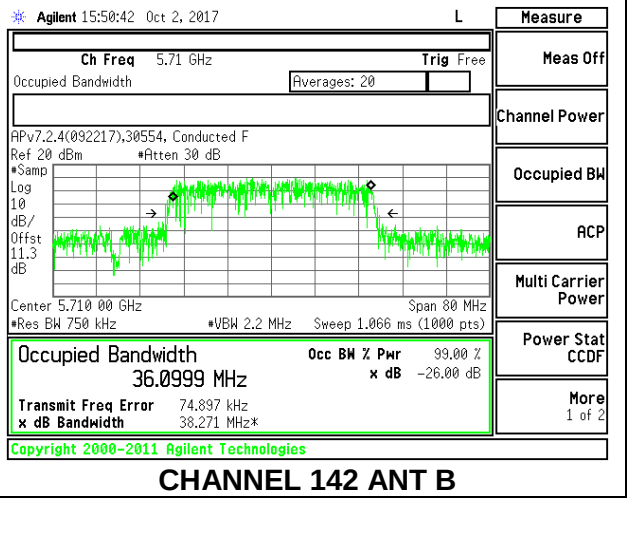


MID CHANNEL ANT B

CHANNEL 142



CHANNEL 142 ANT A

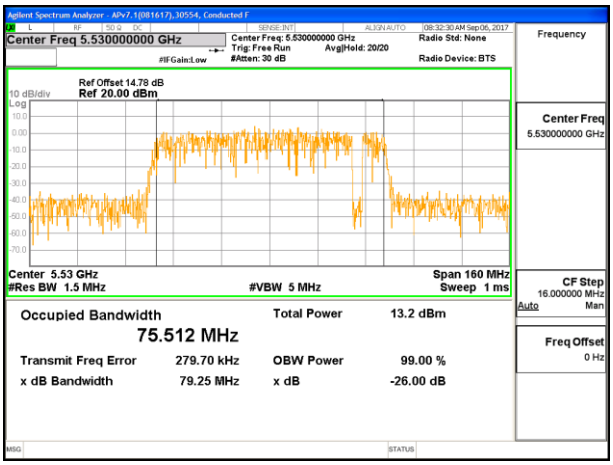


CHANNEL 142 ANT B

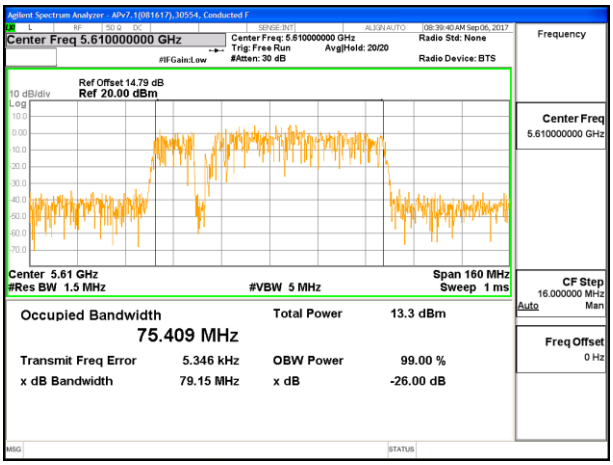
10.2.9. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna A

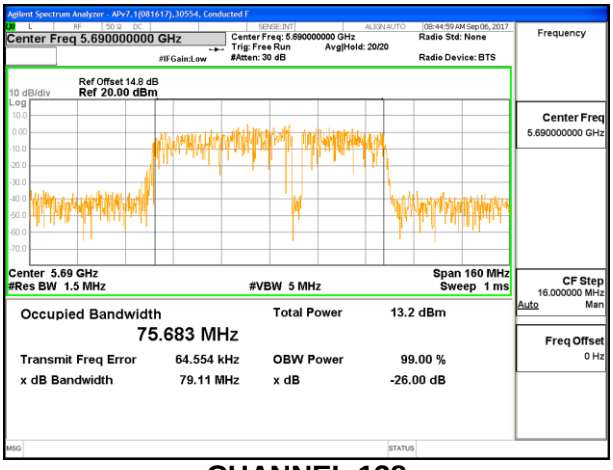
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5530	75.512
High	5610	75.409
138	5690	75.683



LOW CHANNEL



HIGH CHANNEL

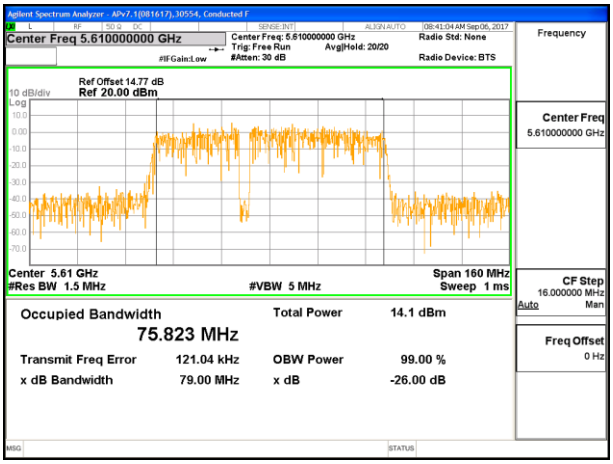


CHANNEL 138

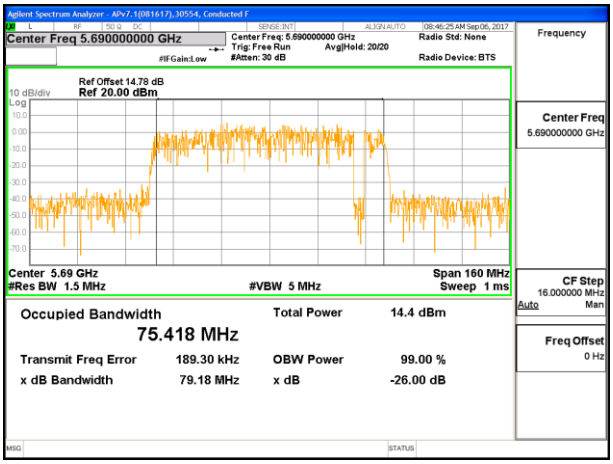
1TX Antenna B

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5530	75.897
High	5610	75.823
138	5690	75.418

LOW CHANNEL



HIGH CHANNEL

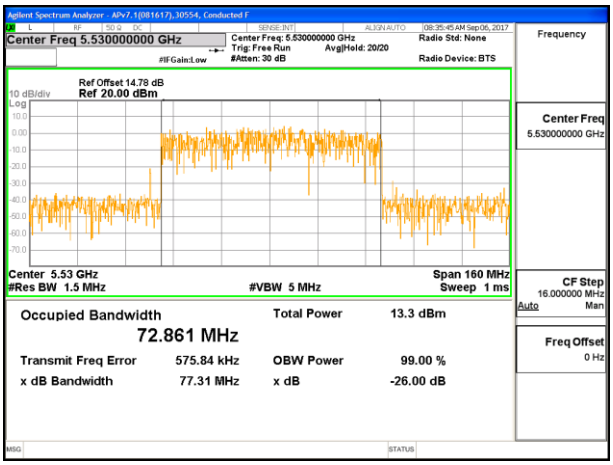


CHANNEL 138

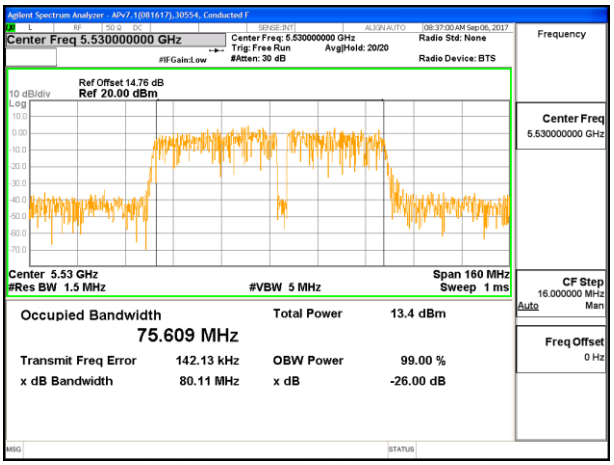
2TX Antenna A + Antenna B CDD MODE

Channel	Frequency (MHz)	99% Bandwidth Ant A (MHz)	99% Bandwidth Ant B (MHz)
Low	5530	72.861	75.609
High	5610	75.967	75.874
138	5690	75.297	75.694

LOW CHANNEL

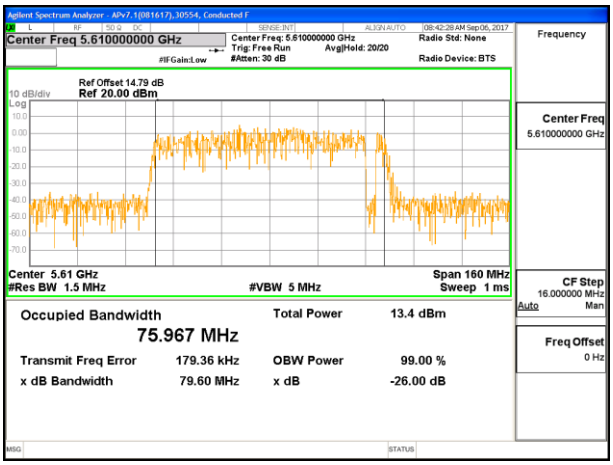


LOW CHANNEL ANT A

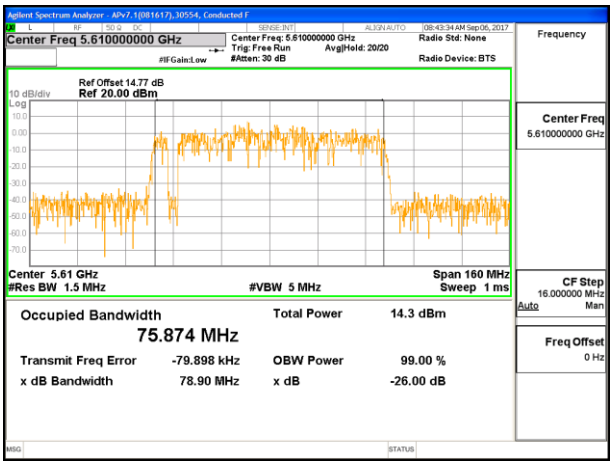


LOW CHANNEL ANT B

HIGH CHANNEL

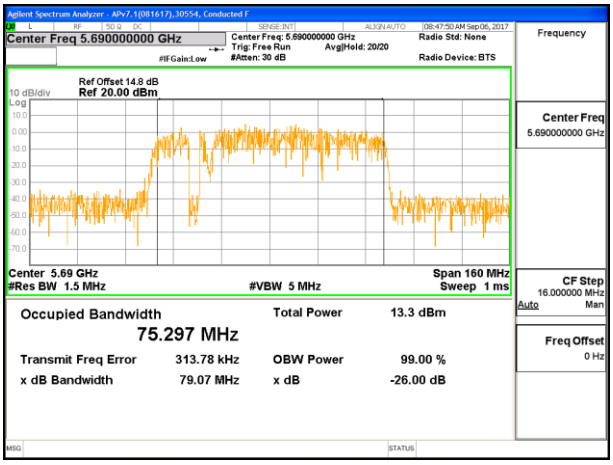


HIGH CHANNEL ANT A

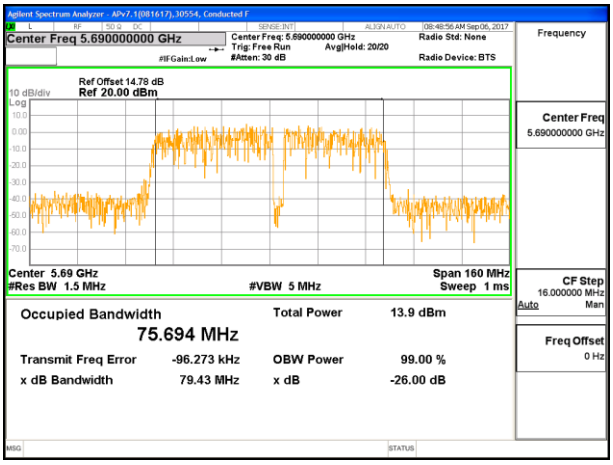


HIGH CHANNEL ANT B

CHANNEL 138



CHANNEL 138 ANT A

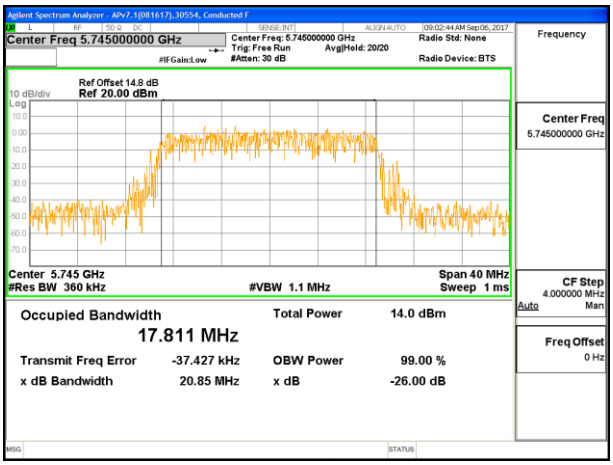


CHANNEL 138 ANT B

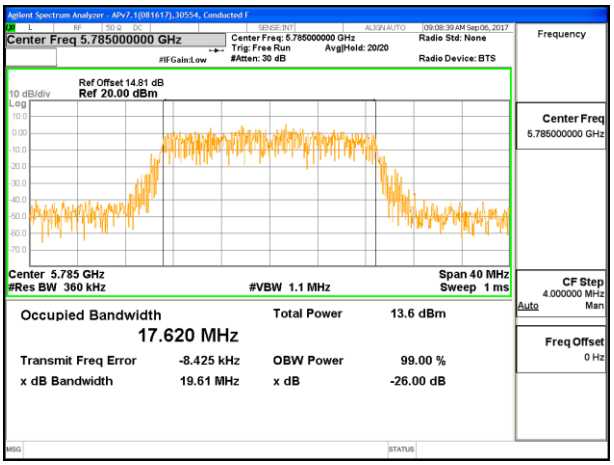
10.2.10. 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna A

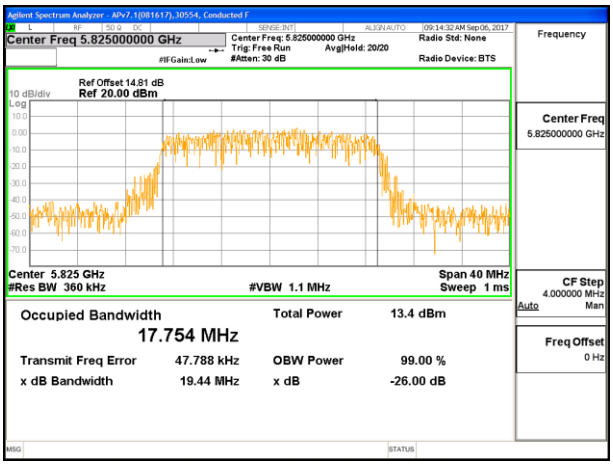
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5745	17.811
Mid	5785	17.620
High	5825	17.754



LOW CHANNEL



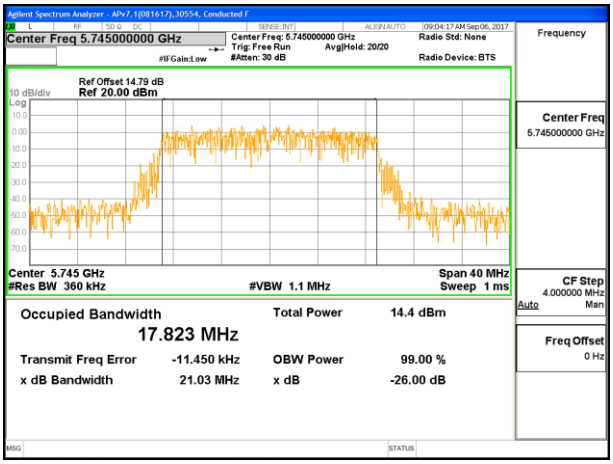
MID CHANNEL



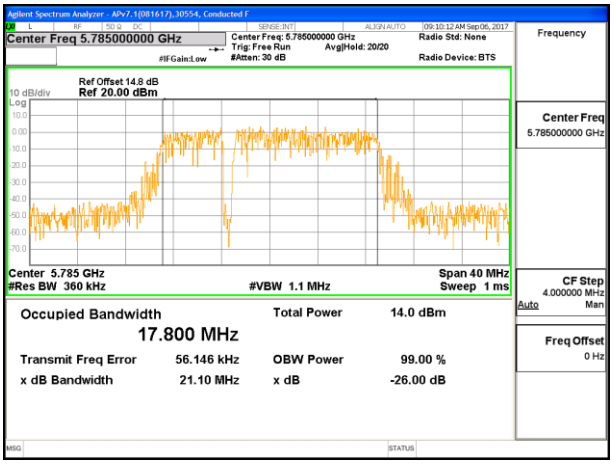
HIGH CHANNEL

1TX Antenna B

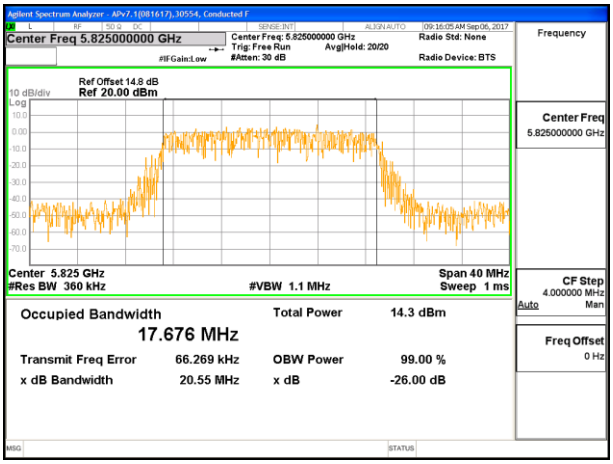
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5745	17.8230
Mid	5785	17.8000
High	5825	17.6760



LOW CHANNEL



MID CHANNEL

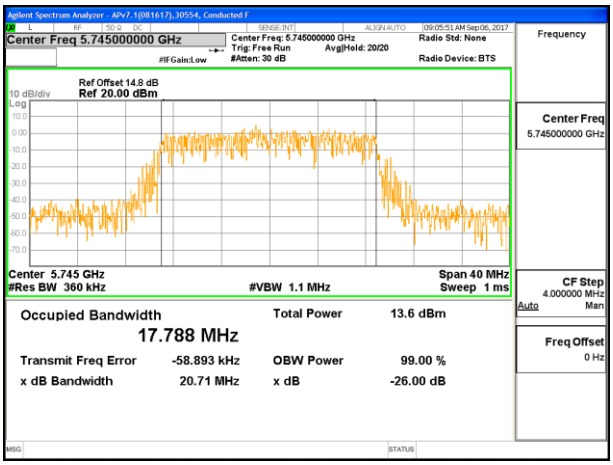


HIGH CHANNEL

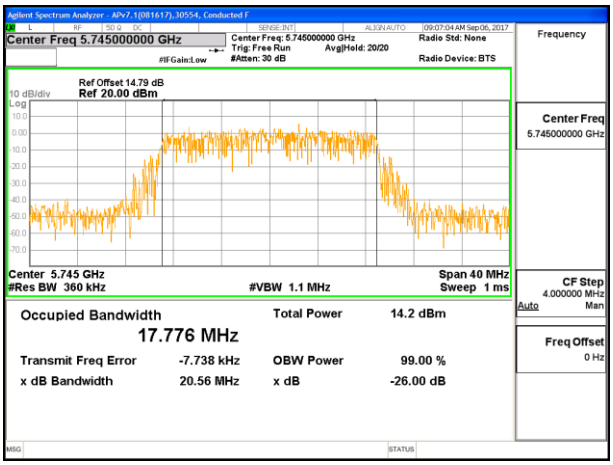
2TX Antenna A + Antenna B CDD MODE

Channel	Frequency (MHz)	99% Bandwidth Ant A (MHz)	99% Bandwidth Ant B (MHz)
Low	5745	17.788	17.776
Mid	5785	17.726	17.823
High	5825	17.787	17.669

LOW CHANNEL

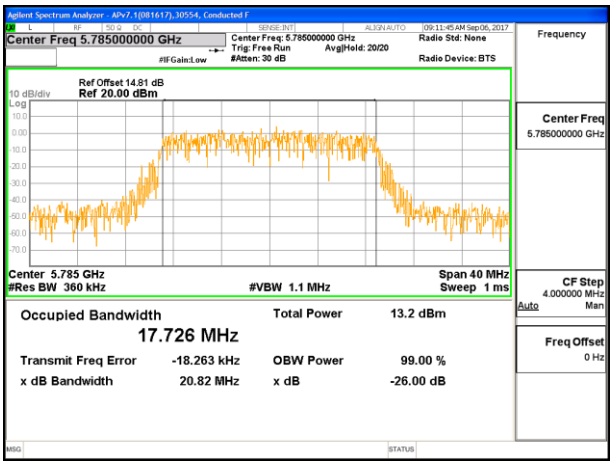


LOW CHANNEL ANT A

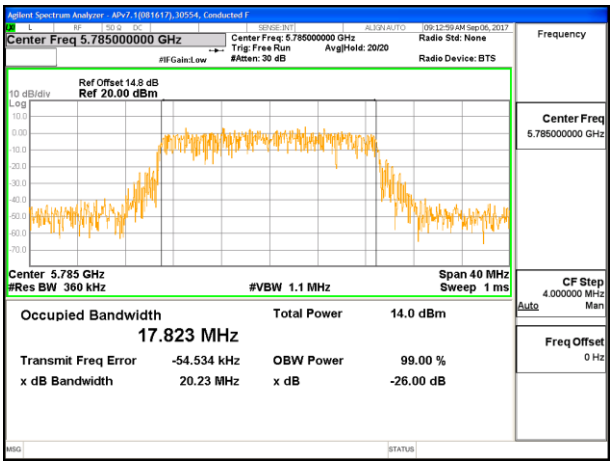


LOW CHANNEL ANT B

MID CHANNEL

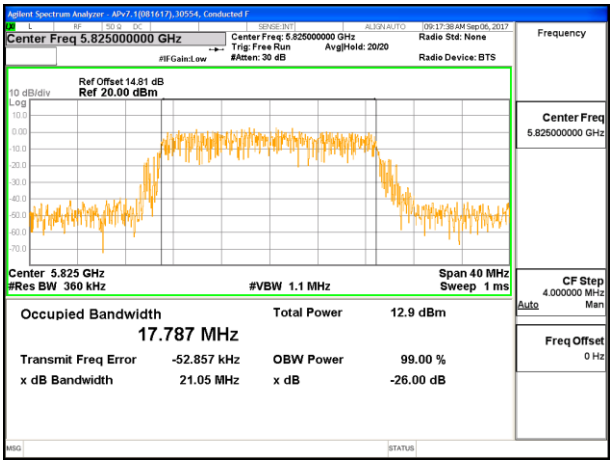


MID CHANNEL ANT A

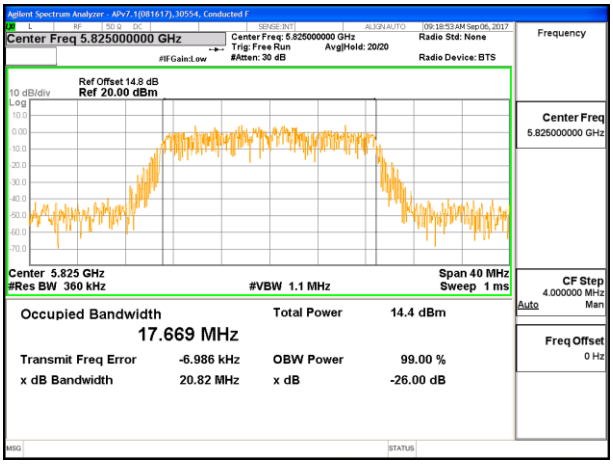


MID CHANNEL ANT B

HIGH CHANNEL



HIGH CHANNEL ANT A

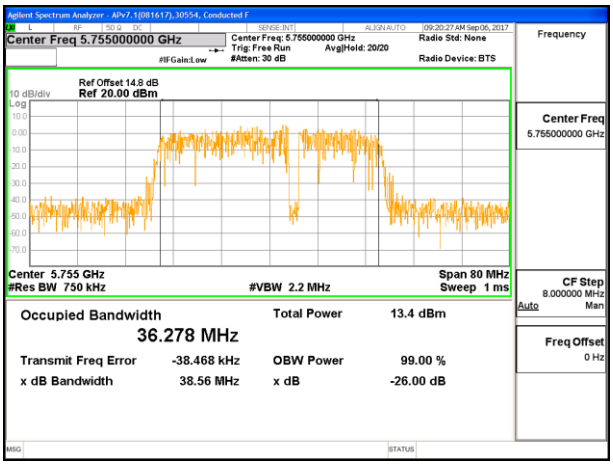


HIGH CHANNEL ANT B

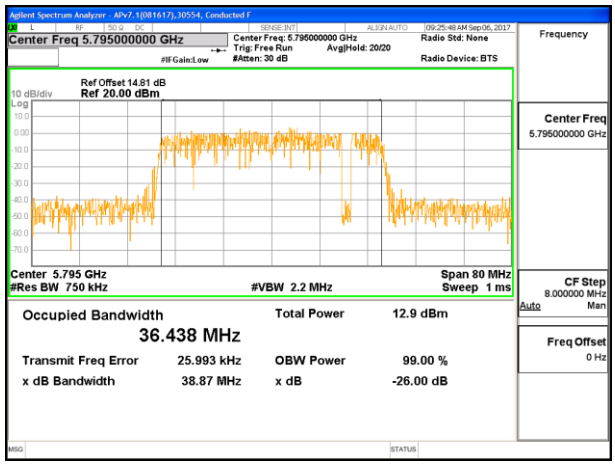
10.2.11. 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX Antenna A

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	36.278
High	5795	36.438



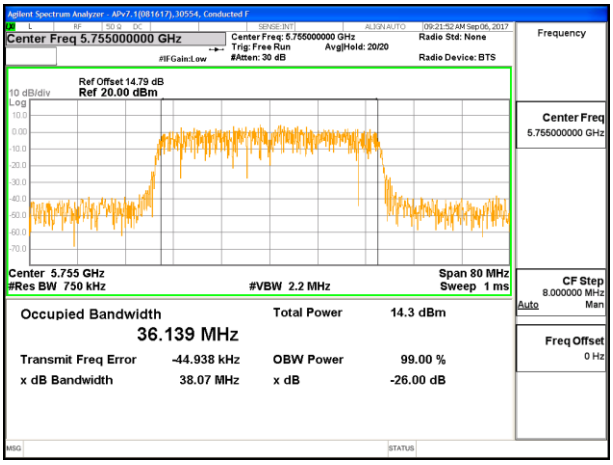
LOW CHANNEL



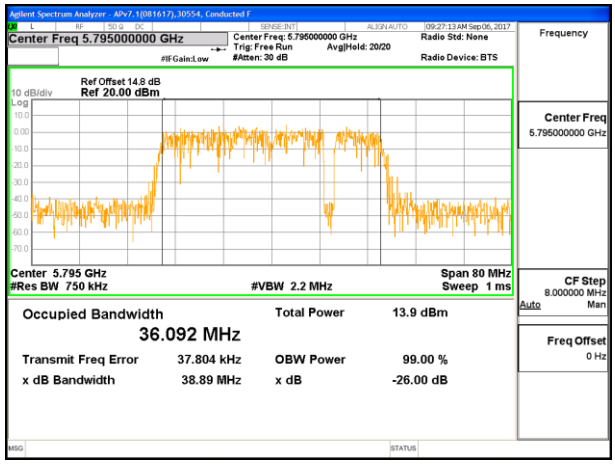
HIGH CHANNEL

1TX Antenna B

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	36.139
High	5795	36.092



LOW CHANNEL

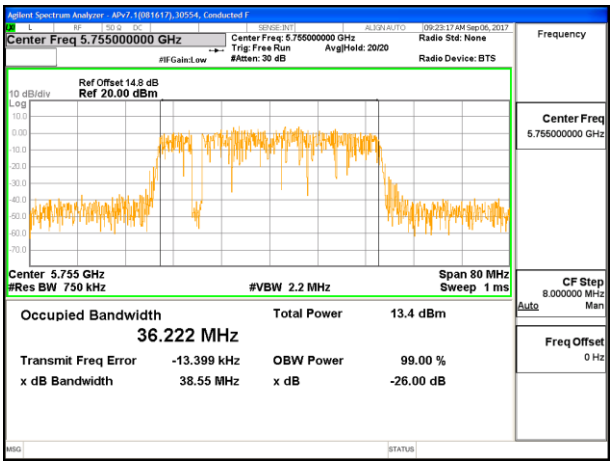


HIGH CHANNEL

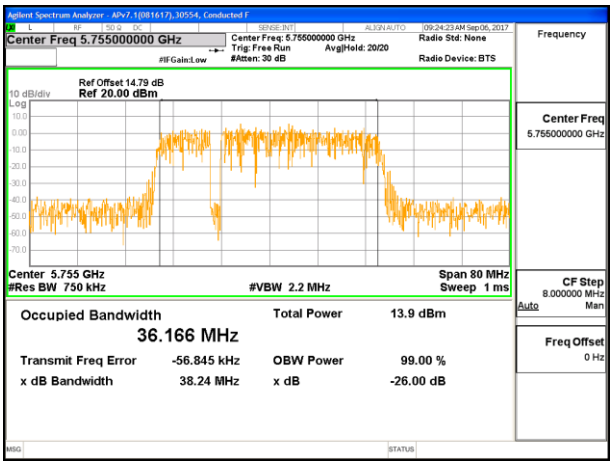
2TX Antenna A + Antenna B CDD MODE

Channel	Frequency (MHz)	99% Bandwidth Ant A (MHz)	99% Bandwidth Ant B (MHz)
Low	5755	36.222	36.166
High	5795	36.141	36.198

LOW CHANNEL

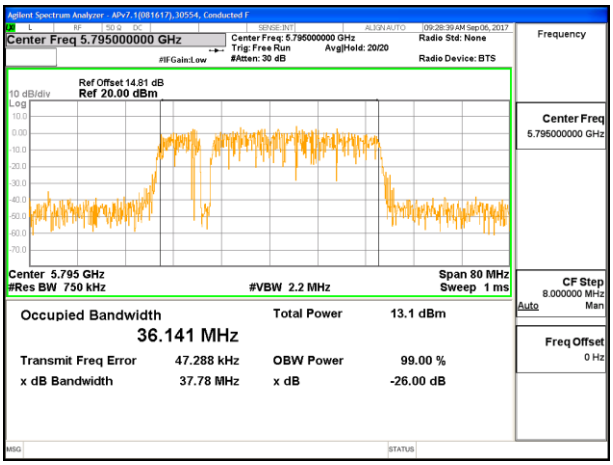


LOW CHANNEL ANT A

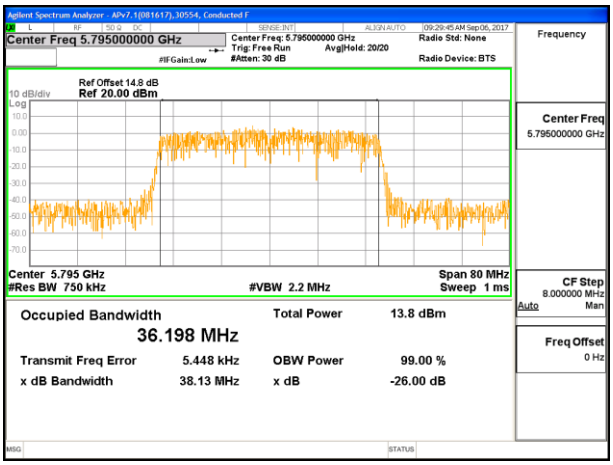


LOW CHANNEL ANT B

HIGH CHANNEL



HIGH CHANNEL ANT A

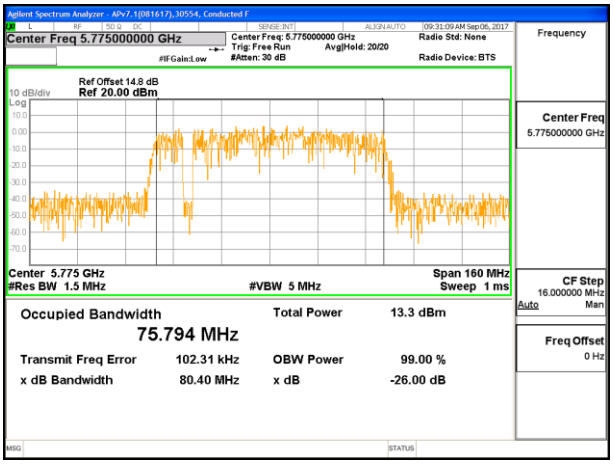


HIGH CHANNEL ANT B

10.2.12. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Antenna A

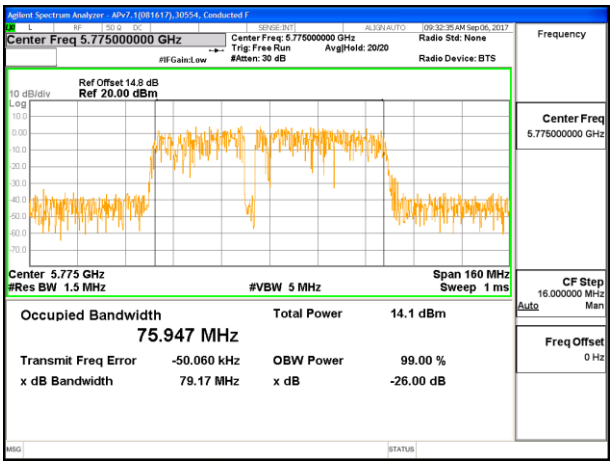
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	75.794



MID CHANNEL

1TX Antenna B

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	75.947

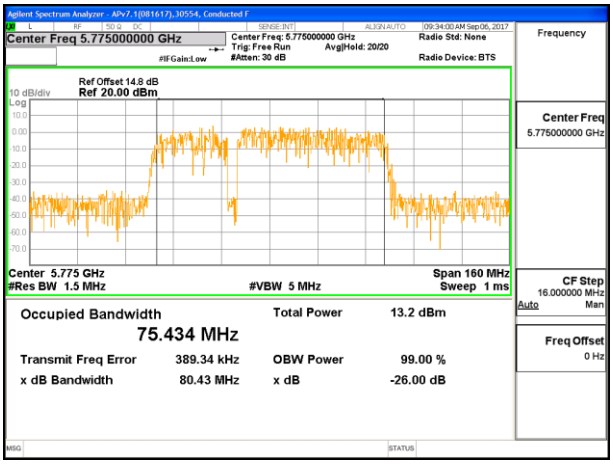


MID CHANNEL

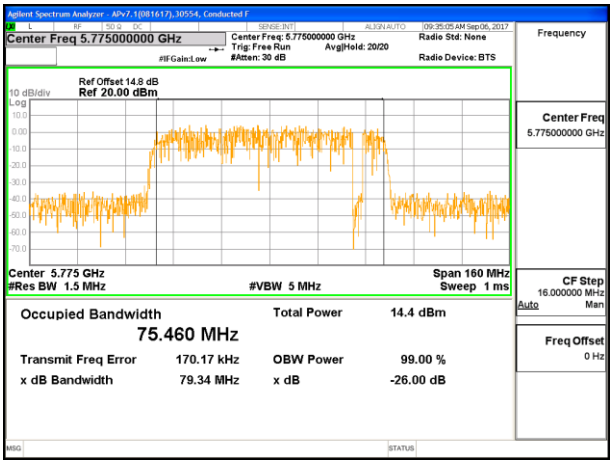
2TX Antenna A + Antenna B CDD MODE

Channel	Frequency (MHz)	99% Bandwidth Ant A (MHz)	99% Bandwidth Ant B (MHz)
Mid	5775	75.434	75.460

MID CHANNEL



MID CHANNEL ANT A



MID CHANNEL ANT B

10.3. 6 dB BANDWIDTH

LIMITS

FCC §15.407 (e)

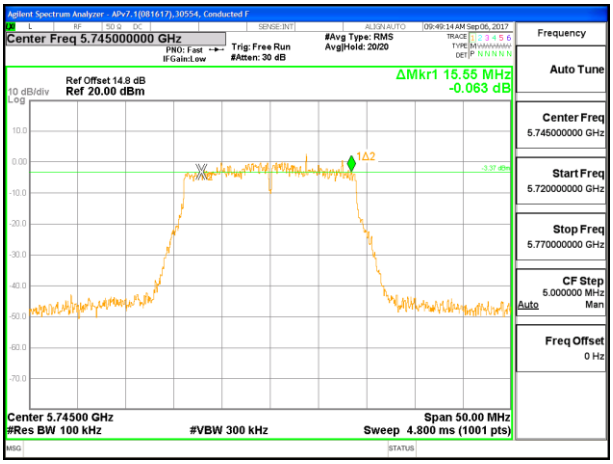
The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

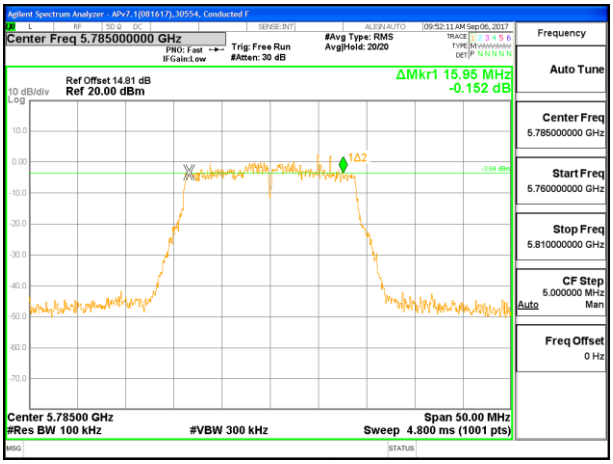
10.3.1. 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna A

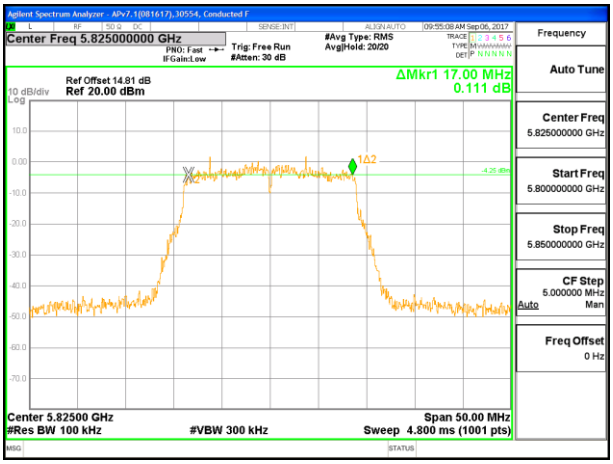
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	15.5500	0.5
Mid	5785	15.9500	0.5
High	5825	17.0000	0.5
144	5720	3.7500	0.5



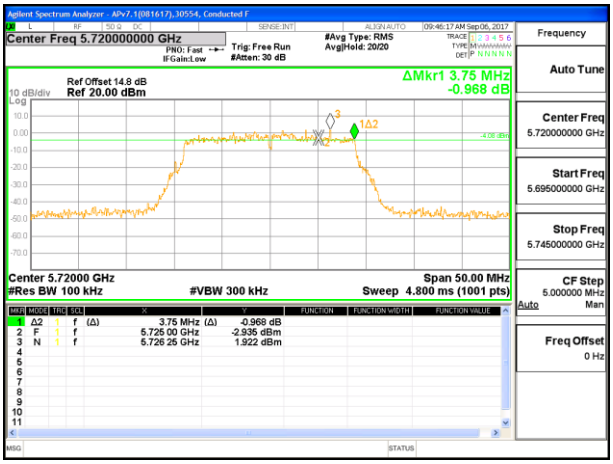
LOW CHANNEL



MID CHANNEL



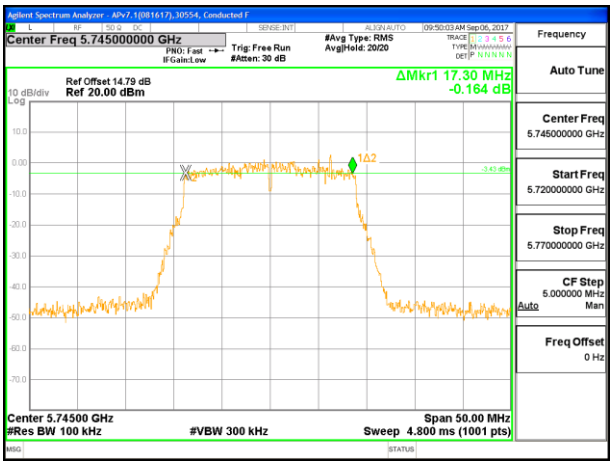
HIGH CHANNEL



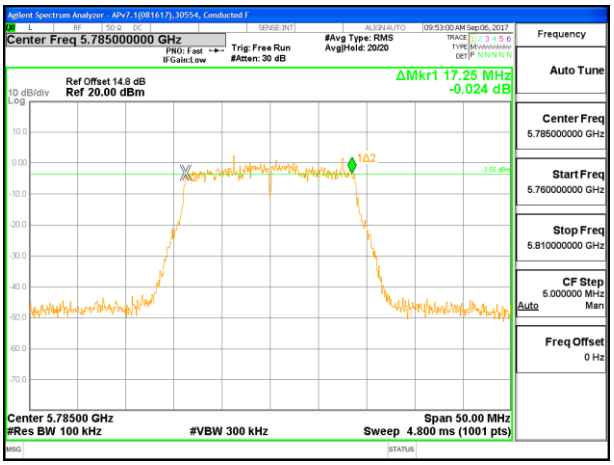
CHANNEL 144

1TX Antenna B

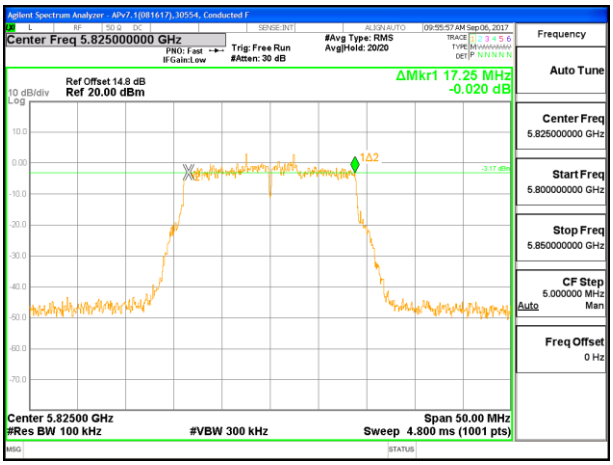
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	17.300	0.5
Mid	5785	17.250	0.5
High	5825	17.250	0.5
144	5720	3.850	0.5



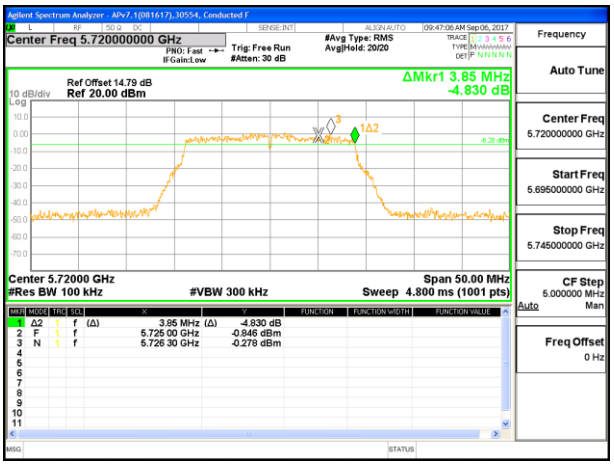
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL

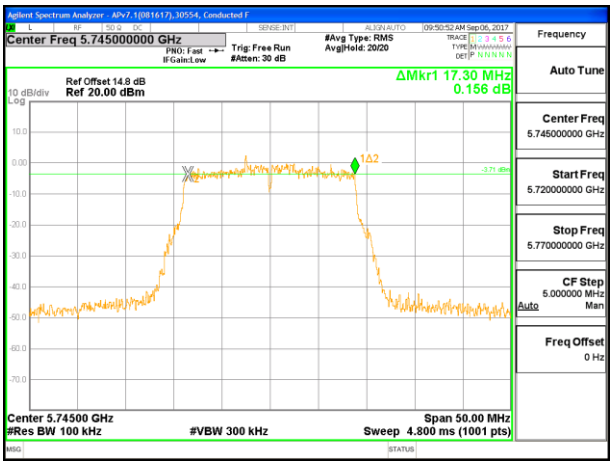


CHANNEL 144

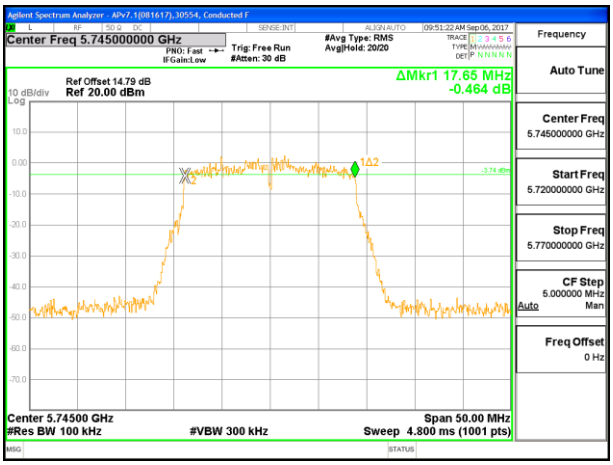
2TX Antenna A + Antenna B CDD MODE

Channel	Frequency (MHz)	6 dB BW Ant A (MHz)	6 dB BW Ant B (MHz)	Minimum Limit (MHz)
Low	5745	17.300	17.650	0.5
Mid	5785	17.550	17.400	0.5
High	5825	16.300	17.600	0.5
144	5720	5.150	3.850	0.5

LOW CHANNEL

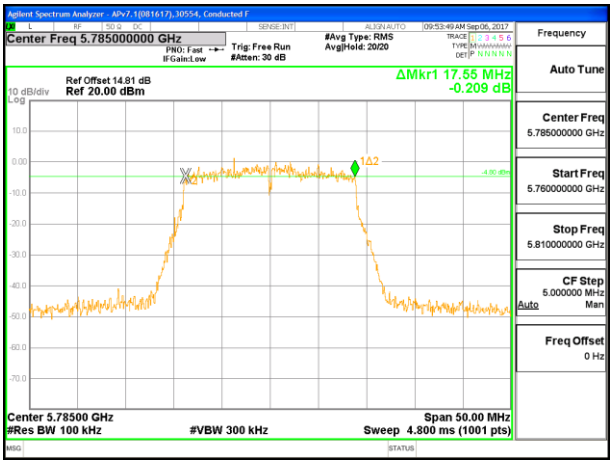


LOW CHANNEL ANT A

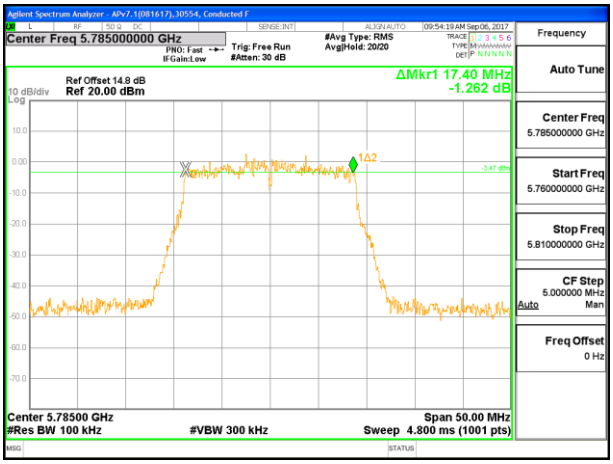


LOW CHANNEL ANT B

MID CHANNEL

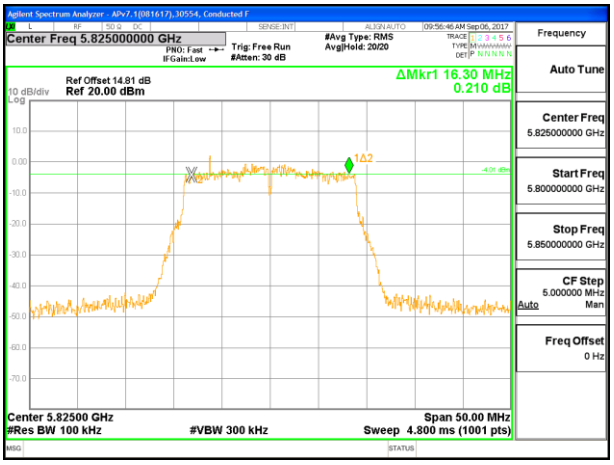


MID CHANNEL ANT A

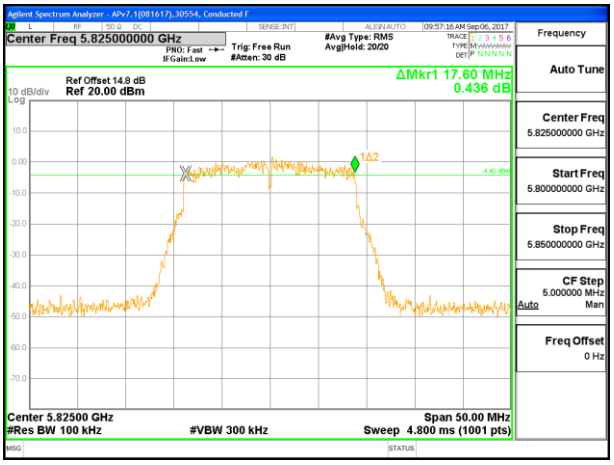


MID CHANNEL ANT B

HIGH CHANNEL

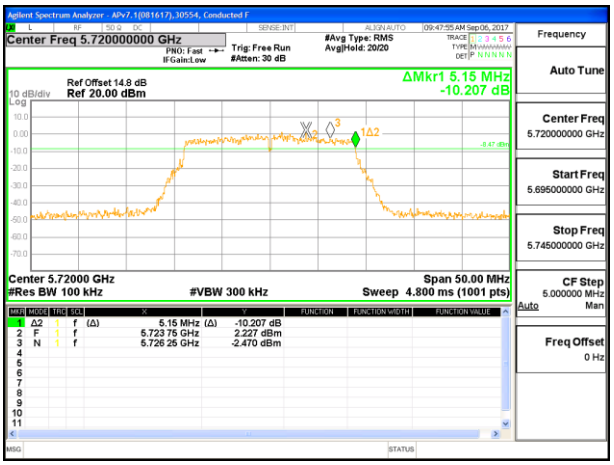


HIGH CHANNEL ANT A

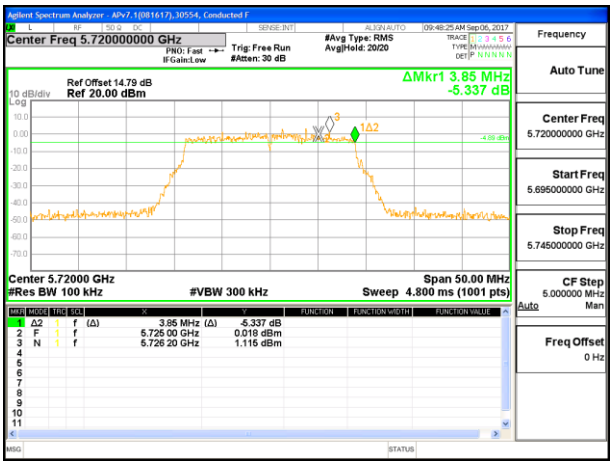


HIGH CHANNEL ANT B

CHANNEL 144



CHANNEL 144 ANT A

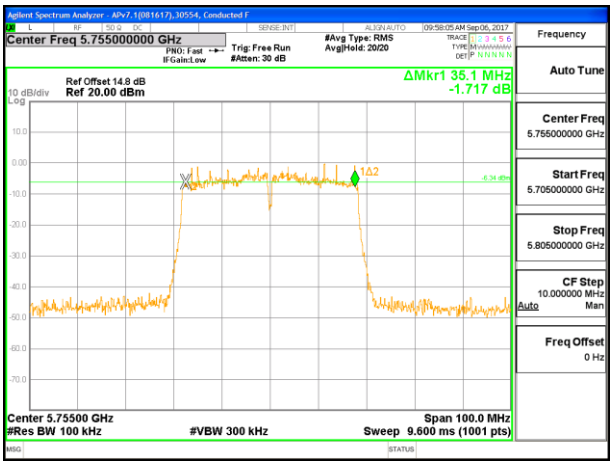


CHANNEL 144 ANT B

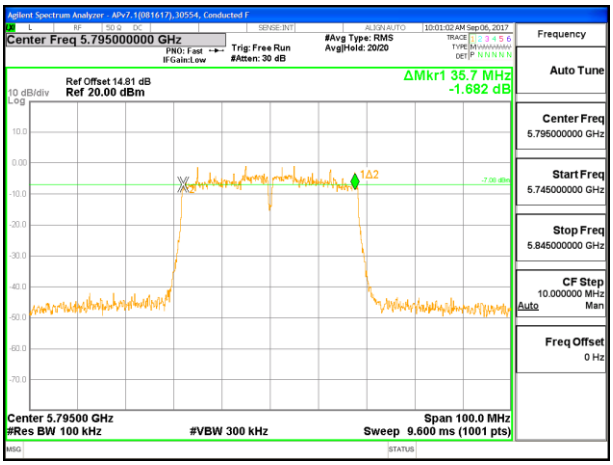
10.3.2. 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX Antenna A

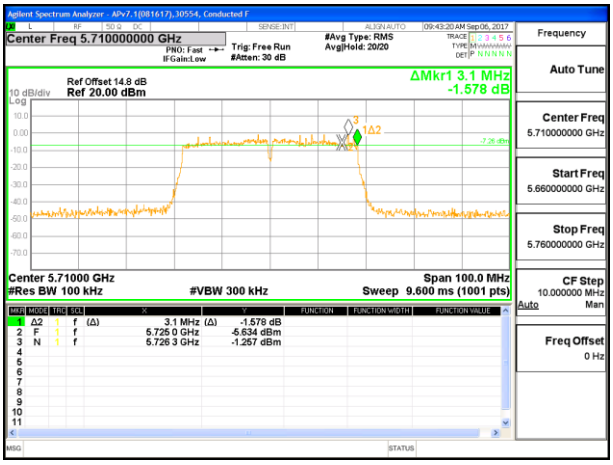
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	35.1	0.5
High	5795	35.7	0.5
142	5710	3.1	0.5



LOW CHANNEL



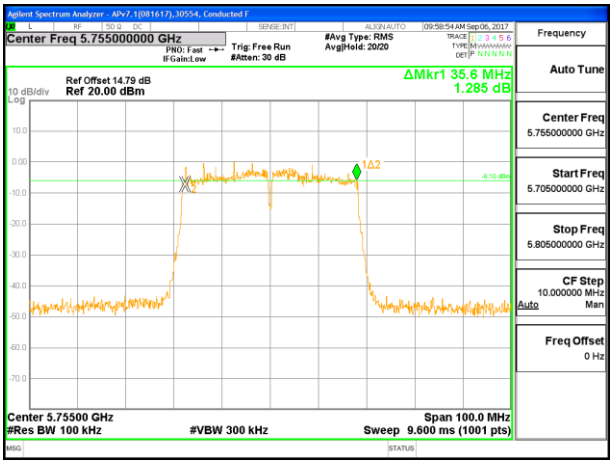
HIGH CHANNEL



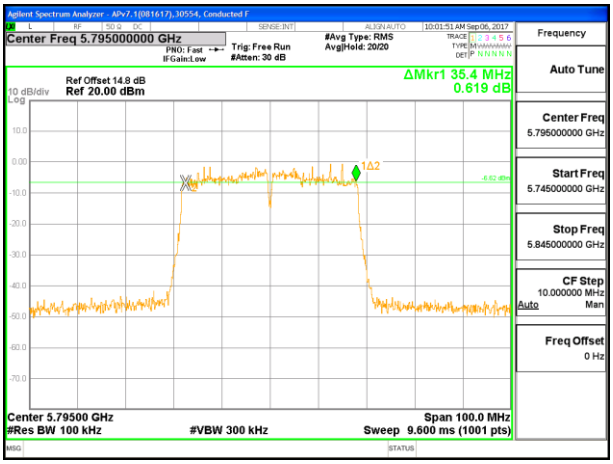
CHANNEL 142

1TX Antenna B

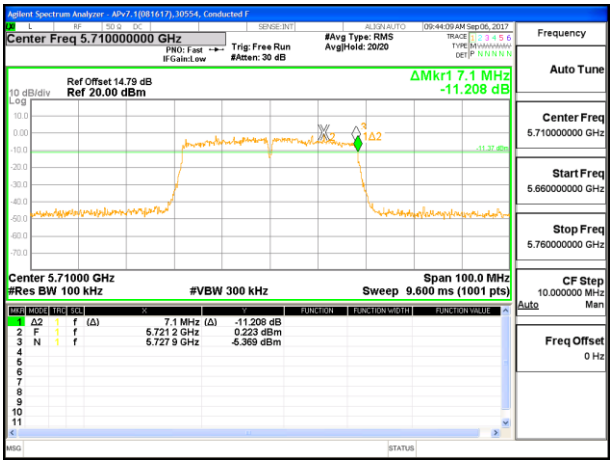
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	35.6	0.5
High	5795	35.4	0.5
142	5710	7.1	0.5



LOW CHANNEL



HIGH CHANNEL

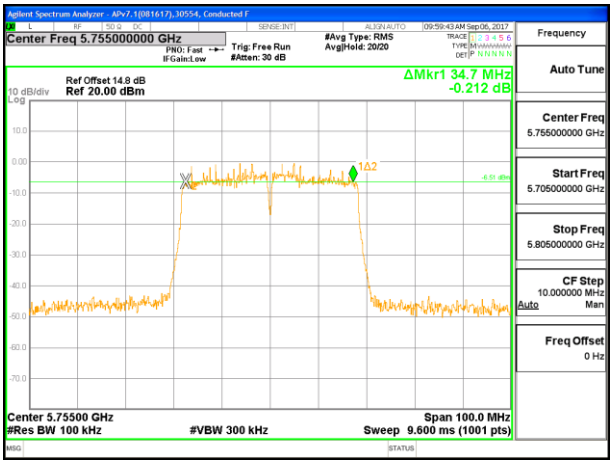


CHANNEL 142

2TX Antenna A + Antenna B CDD MODE

Channel	Frequency (MHz)	6 dB BW Ant A (MHz)	6 dB BW Ant B (MHz)	Minimum Limit (MHz)
Low	5755	34.7	36.0	0.5
High	5795	35.8	35.7	0.5
142	5710	2.9	3.2	0.5

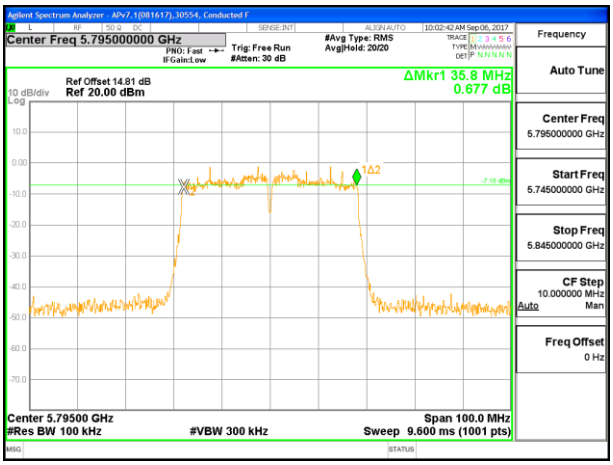
LOW CHANNEL



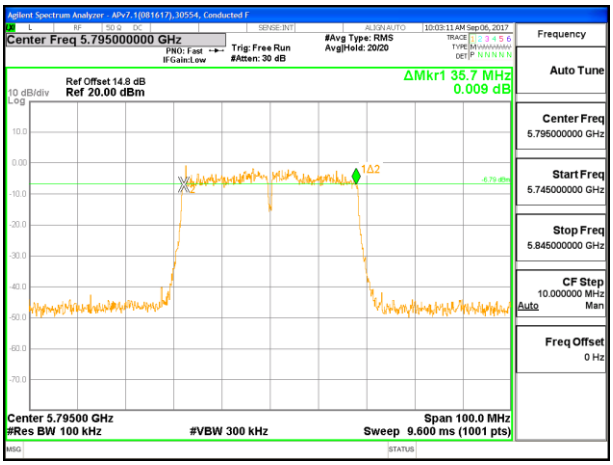
LOW CHANNEL ANT A

LOW CHANNEL ANT B

HIGH CHANNEL

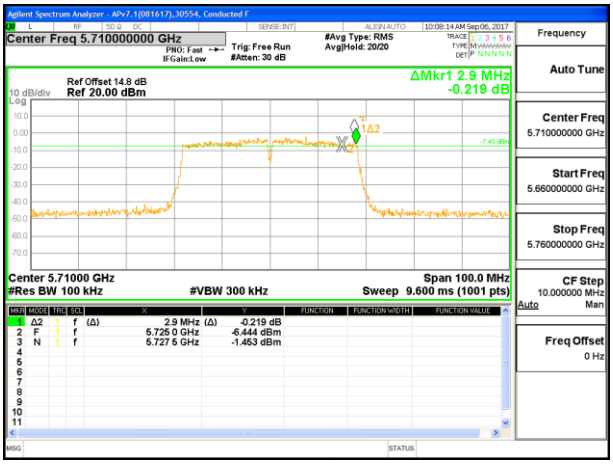


HIGH CHANNEL ANT A

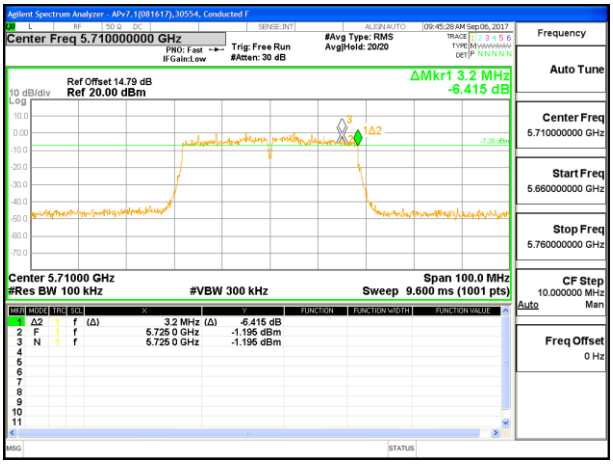


HIGH CHANNEL ANT B

CHANNEL 142



CHANNEL 142 ANT A



CHANNEL 142 ANT B