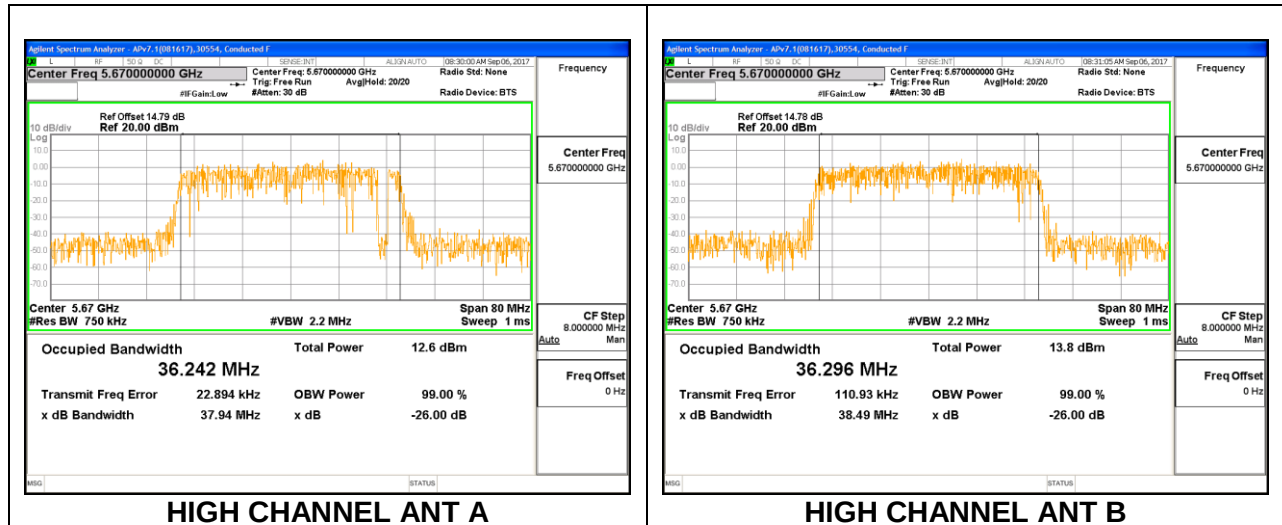
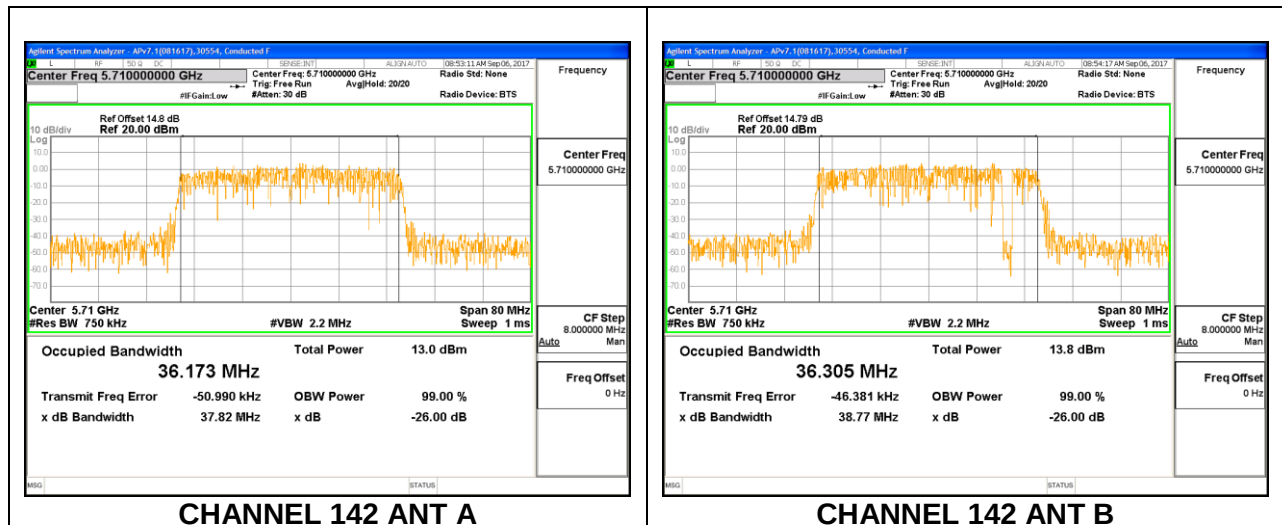


HIGH CHANNEL



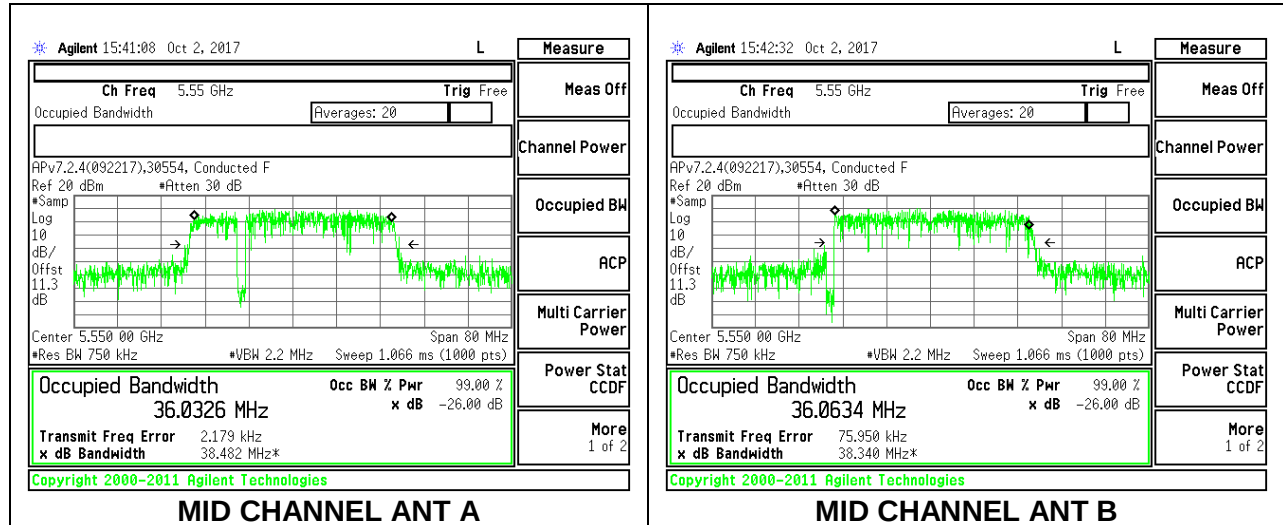
CHANNEL 142



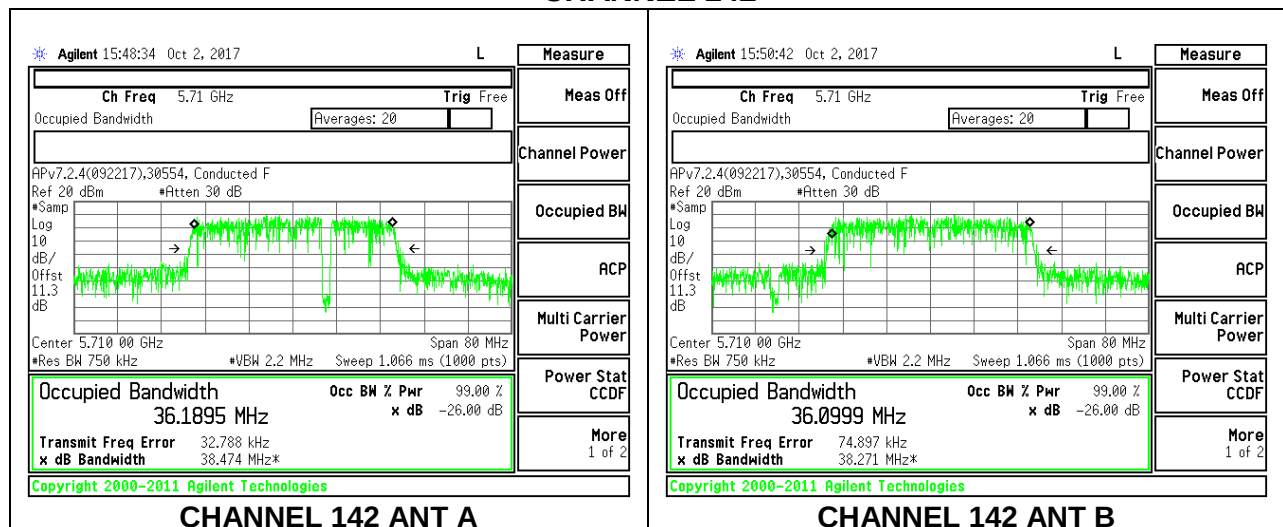
2TX Antenna A + Antenna B STBC MODE

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

MID CHANNEL



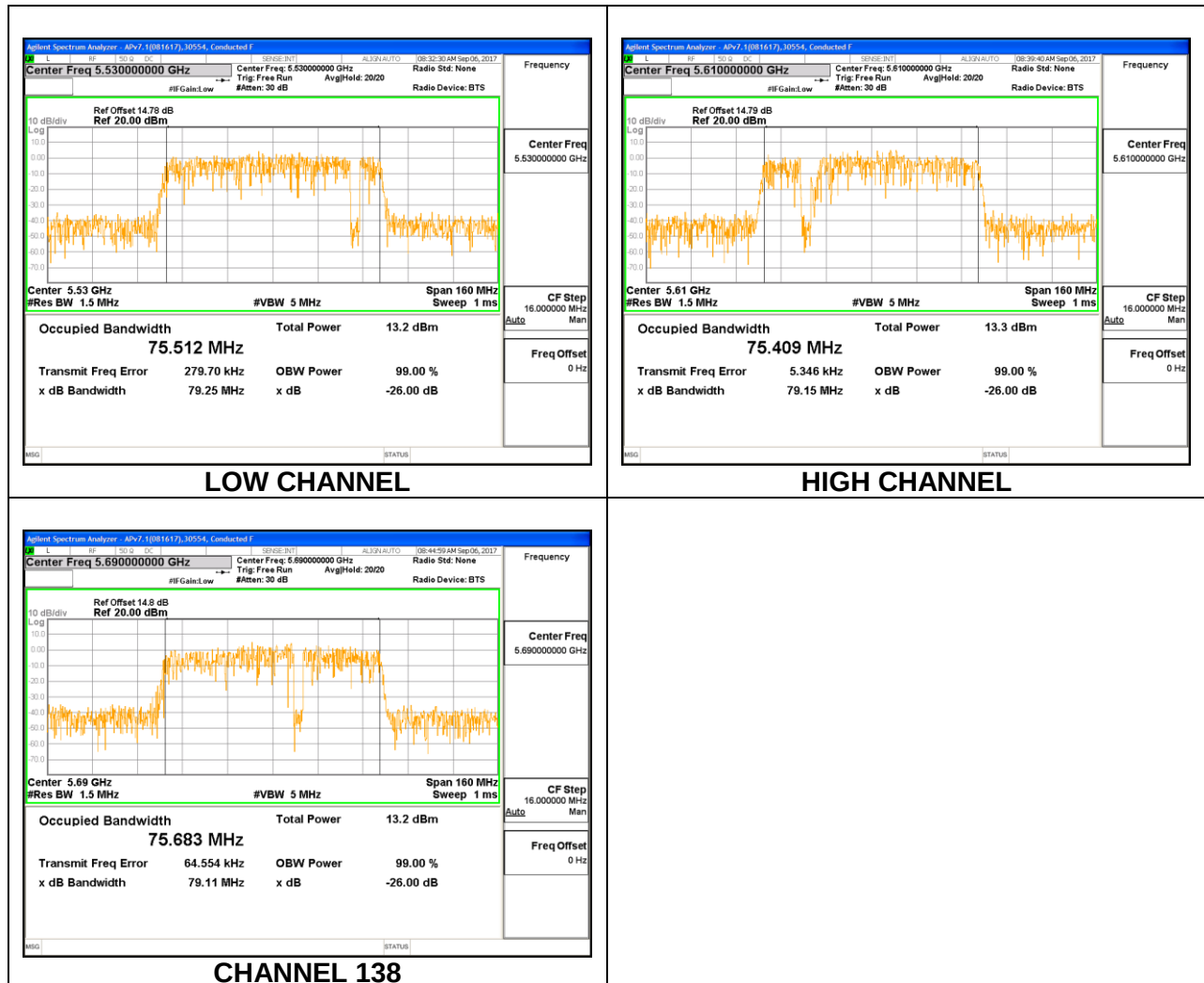
CHANNEL 142



10.2.9. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

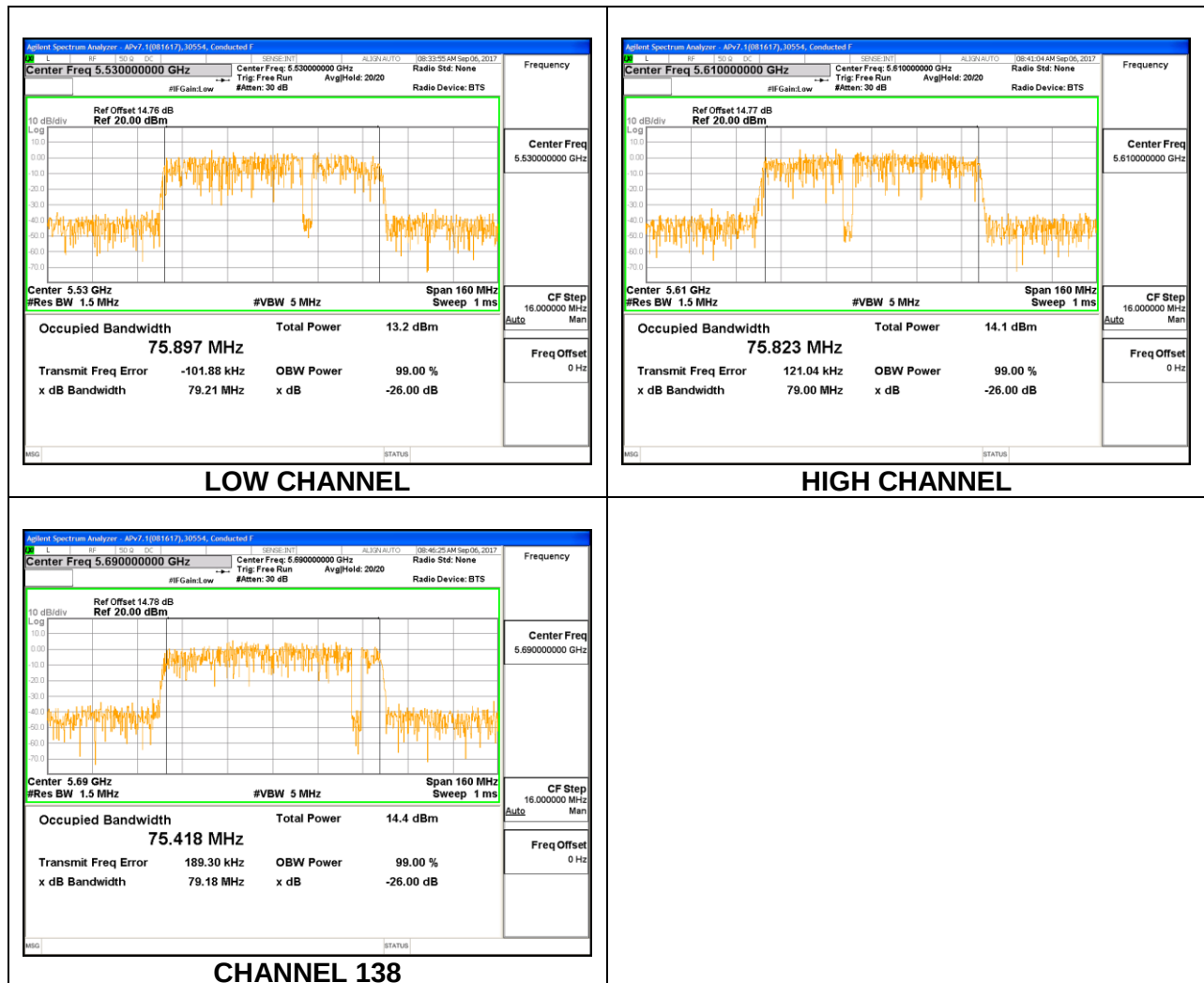
1TX Antenna A

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



1TX Antenna B

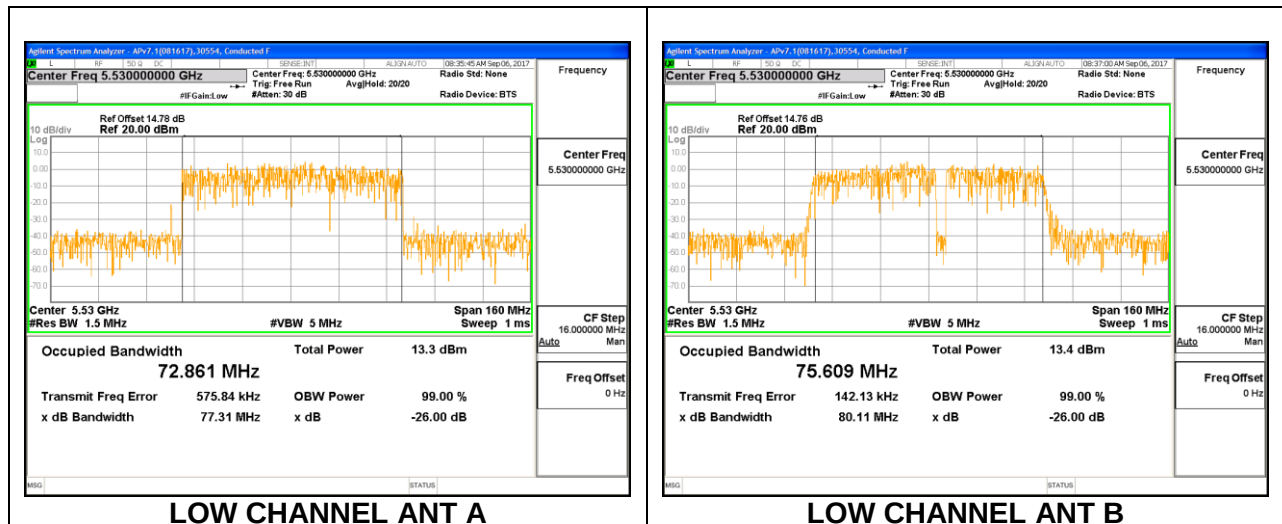
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5530	75.897
High	5610	75.823
138	5690	75.418



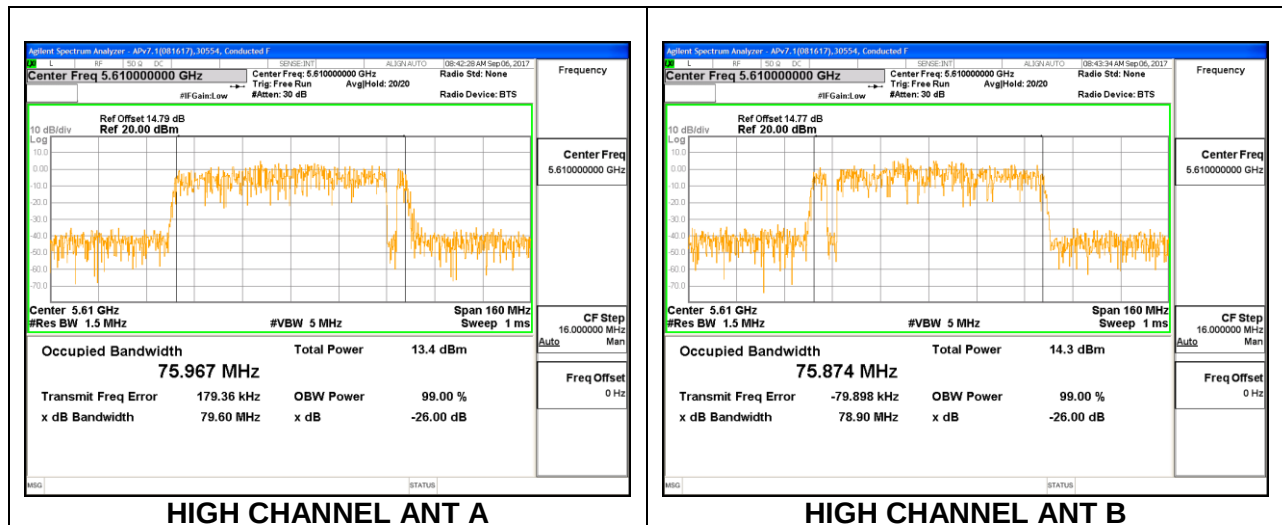
2TX Antenna A + Antenna B CDD MODE

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

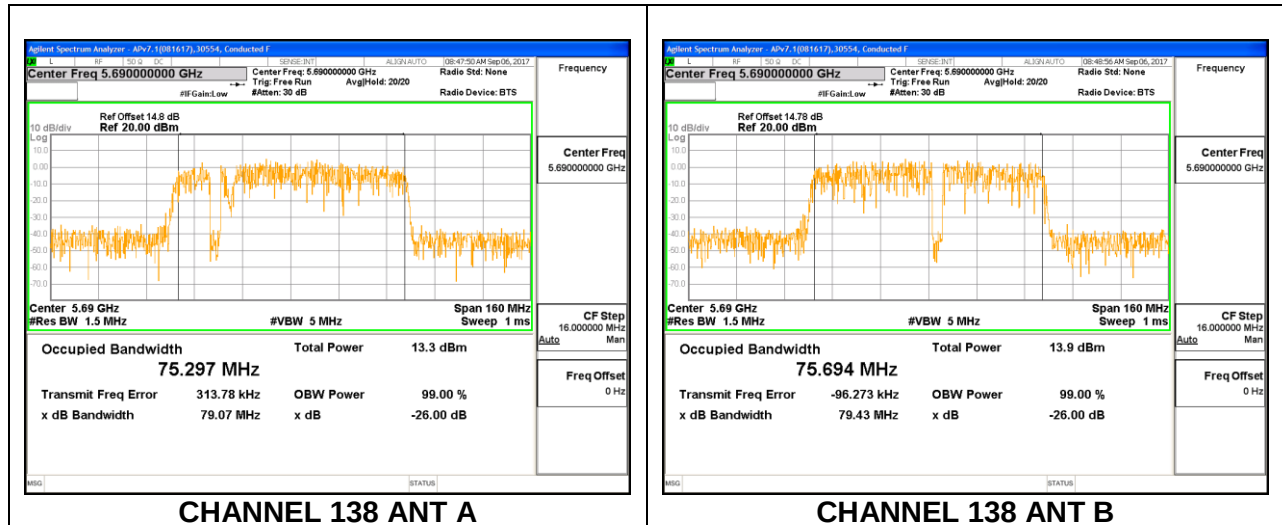
LOW CHANNEL



HIGH CHANNEL



CHANNEL 138



10.2.10. 802.11n HT20 MODE IN THE 5.8 GHz BAND

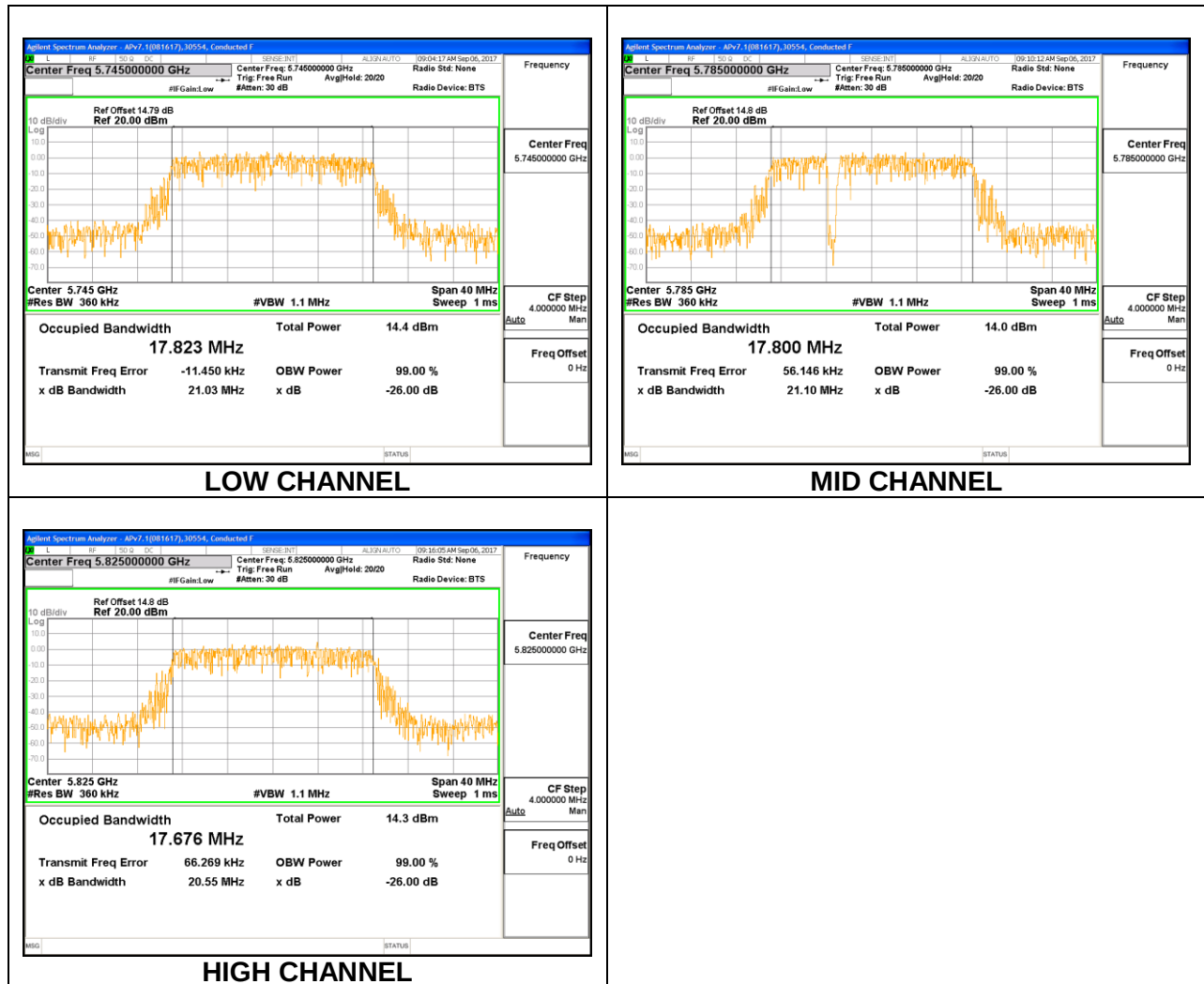
1TX Antenna A

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



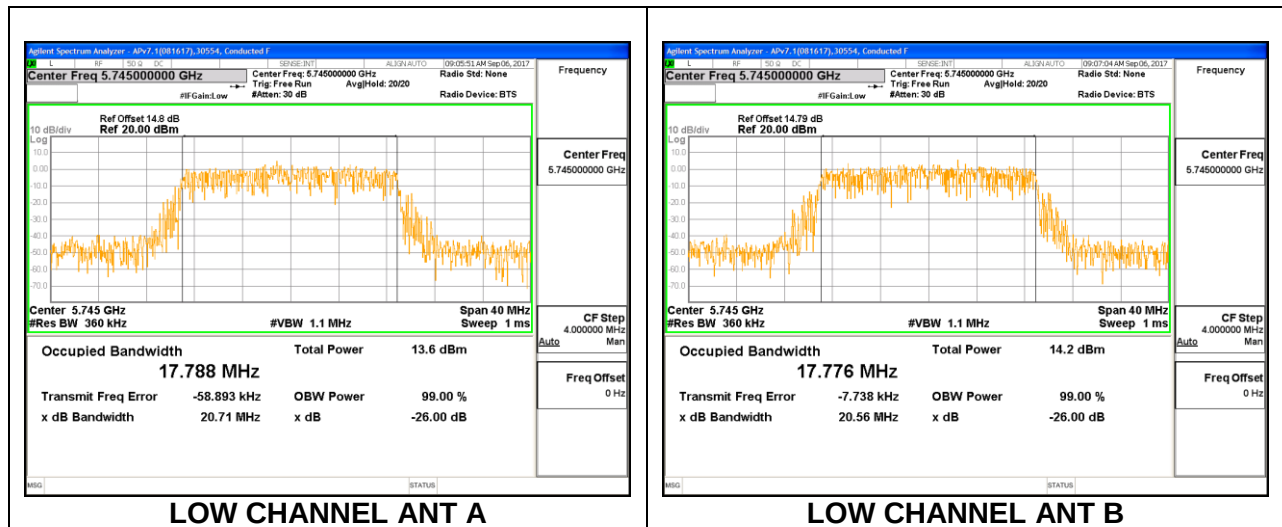
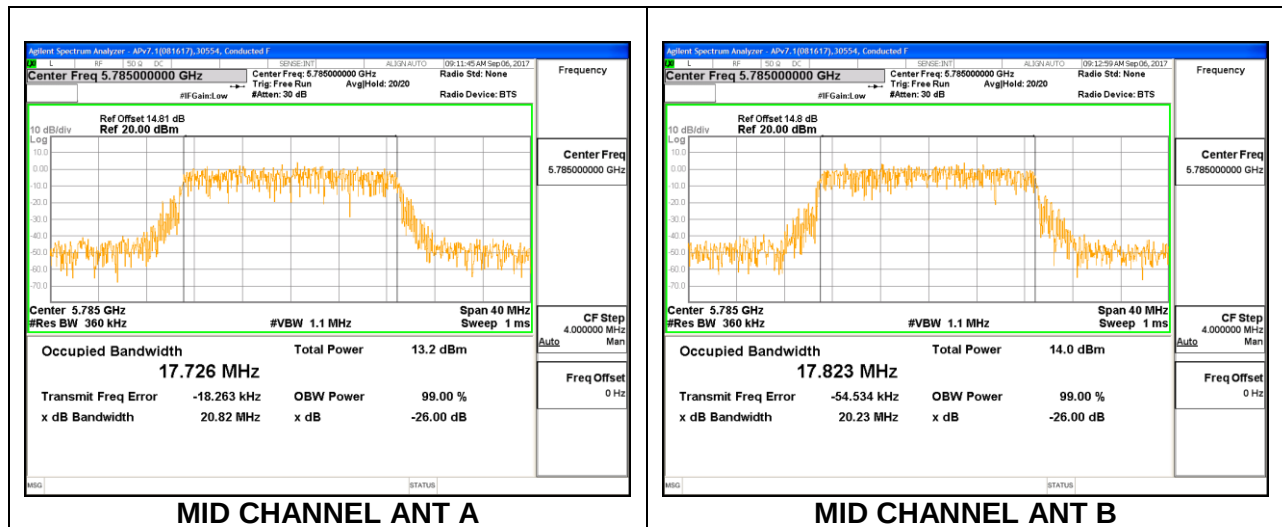
1TX Antenna B

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

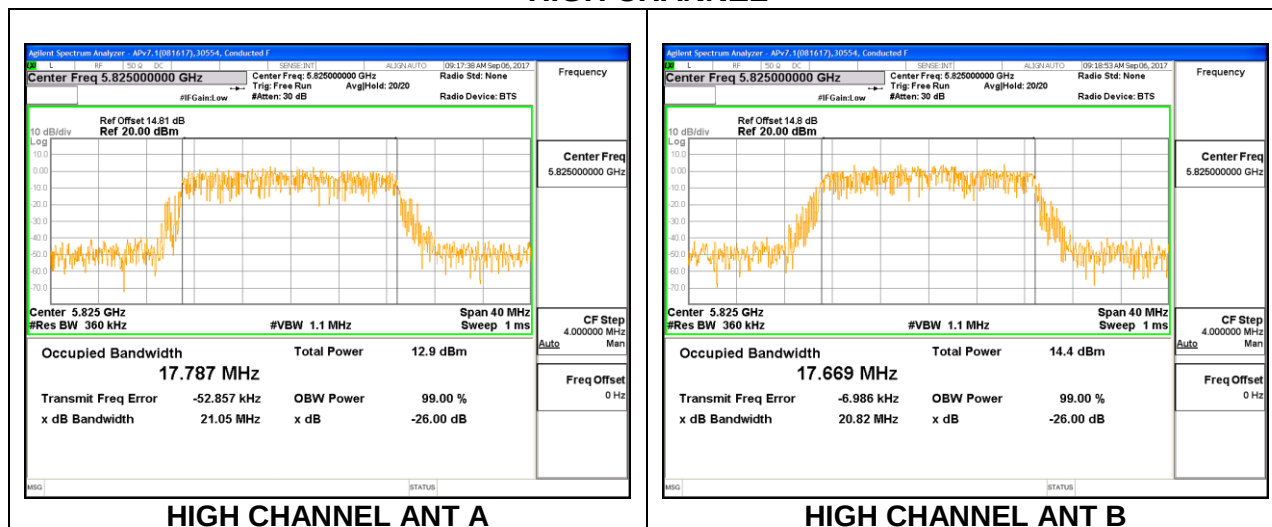


2TX Antenna A + Antenna B CDD MODE

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**MID CHANNEL**

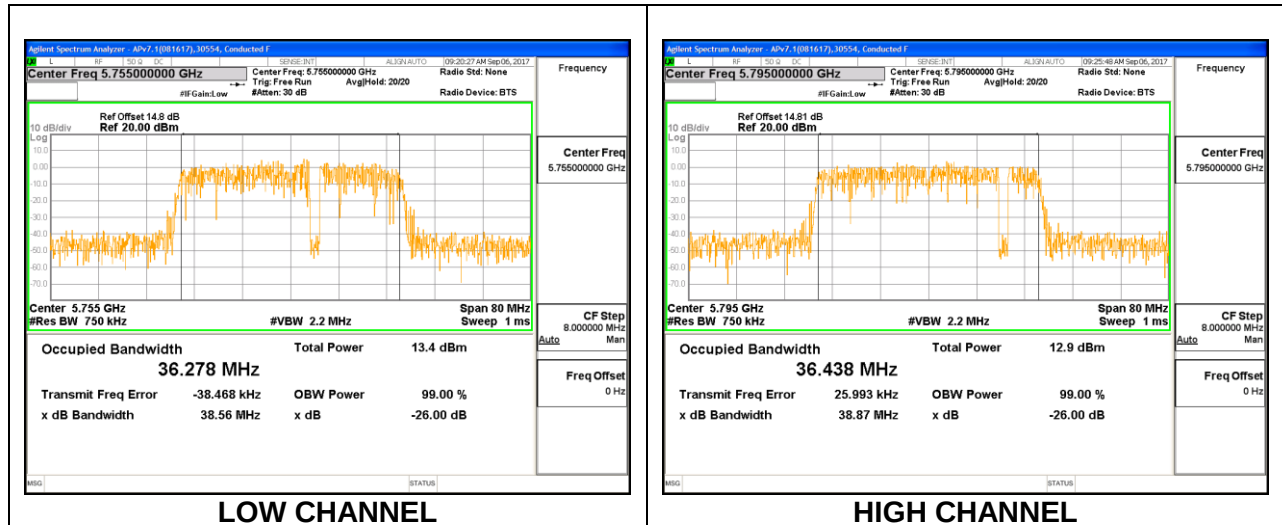
HIGH CHANNEL



10.2.11. 802.11n HT40 MODE IN THE 5.8 GHz BAND

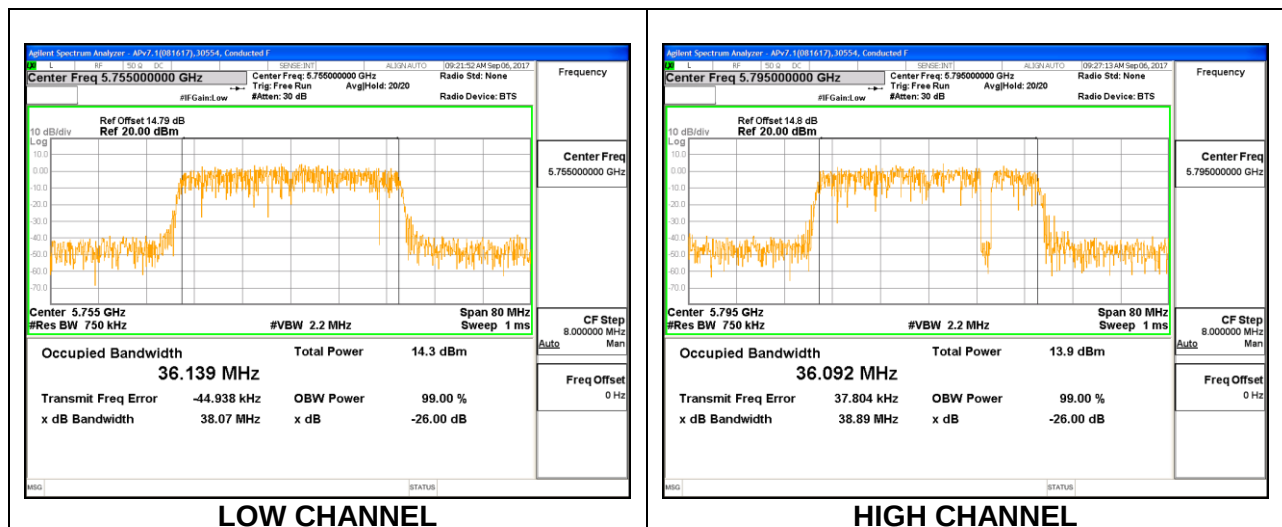
1TX Antenna A

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



1TX Antenna B

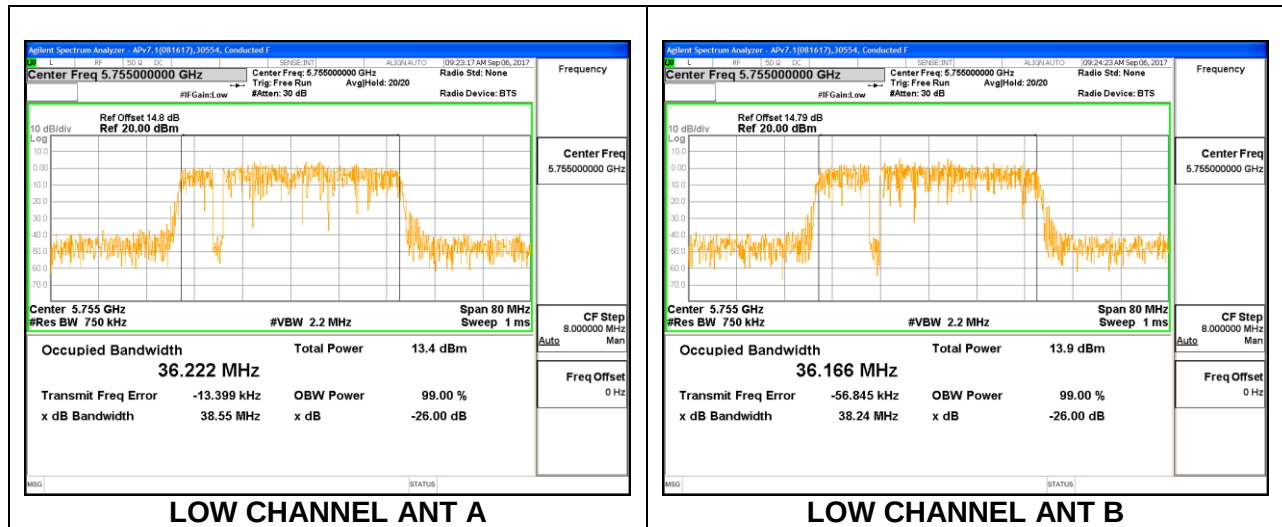
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5755	36.139
High	5795	36.092



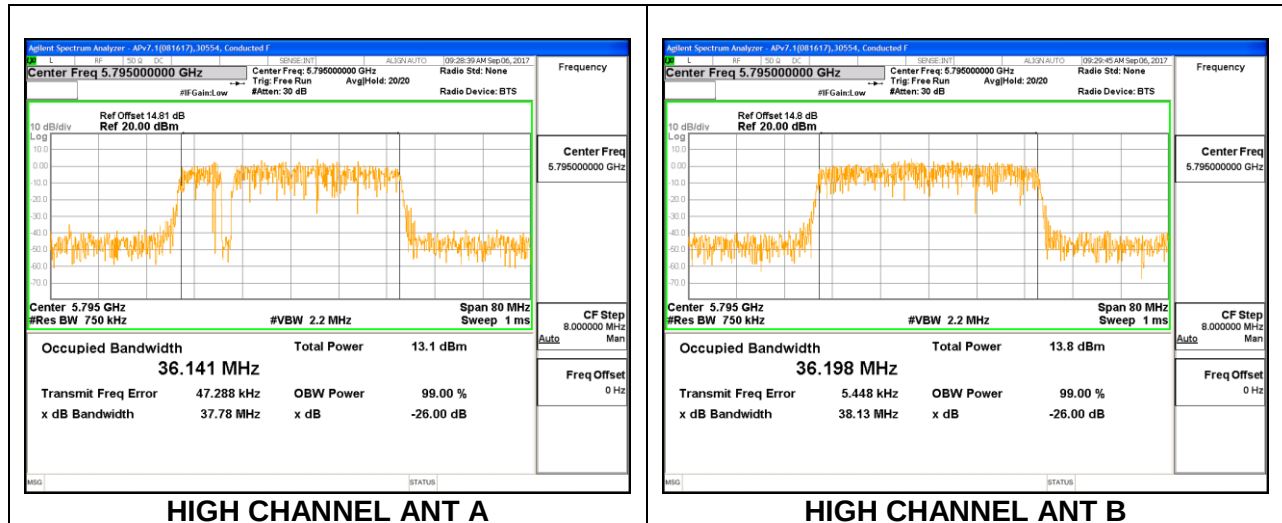
2TX Antenna A + Antenna B CDD MODE

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



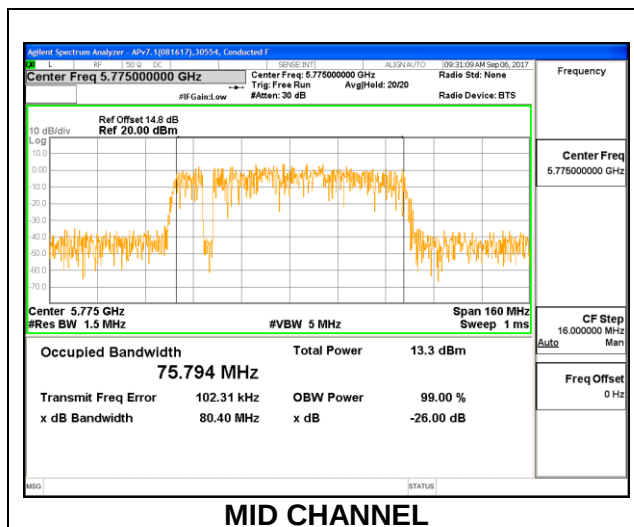
HIGH CHANNEL



10.2.12. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

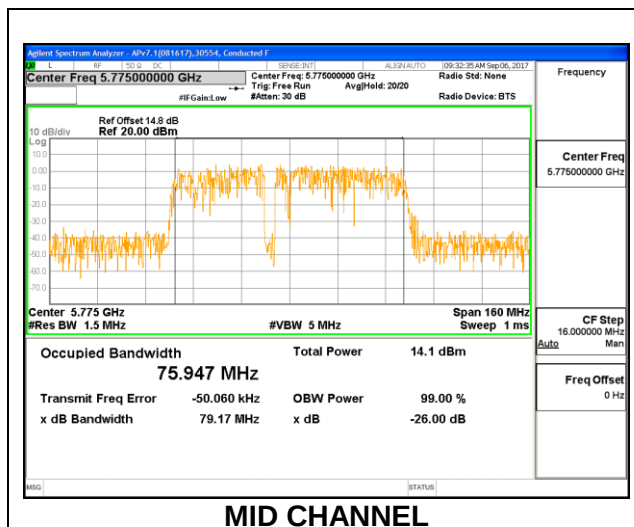
1TX Antenna A

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



1TX Antenna B

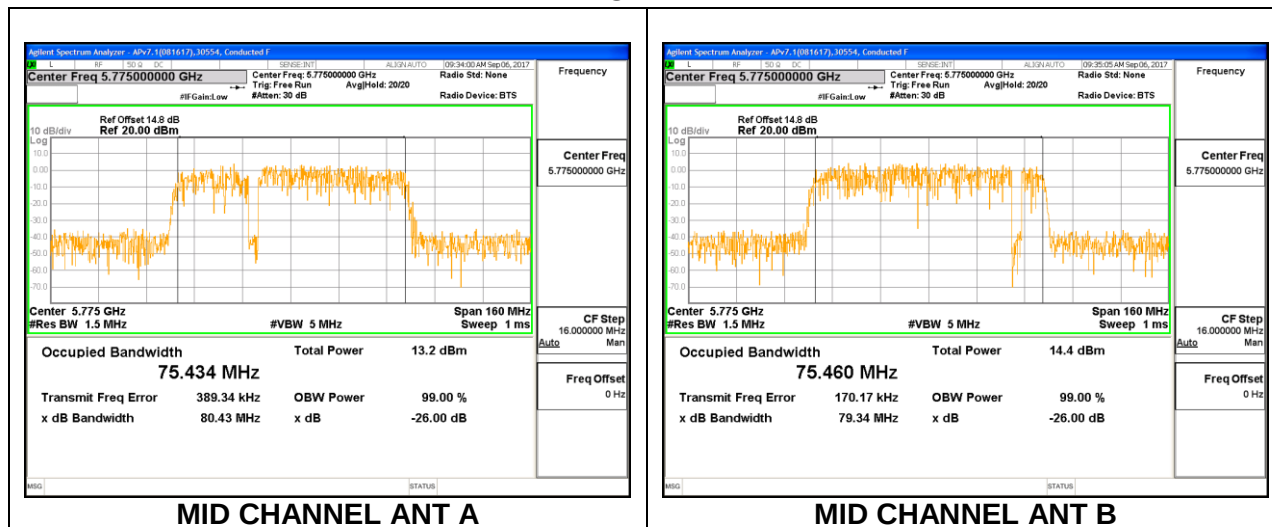
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5775	75.947



2TX Antenna A + Antenna B CDD MODE

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

MID CHANNEL



10.3. 6 dB BANDWIDTH

LIMITS

FCC §15.407 (e)

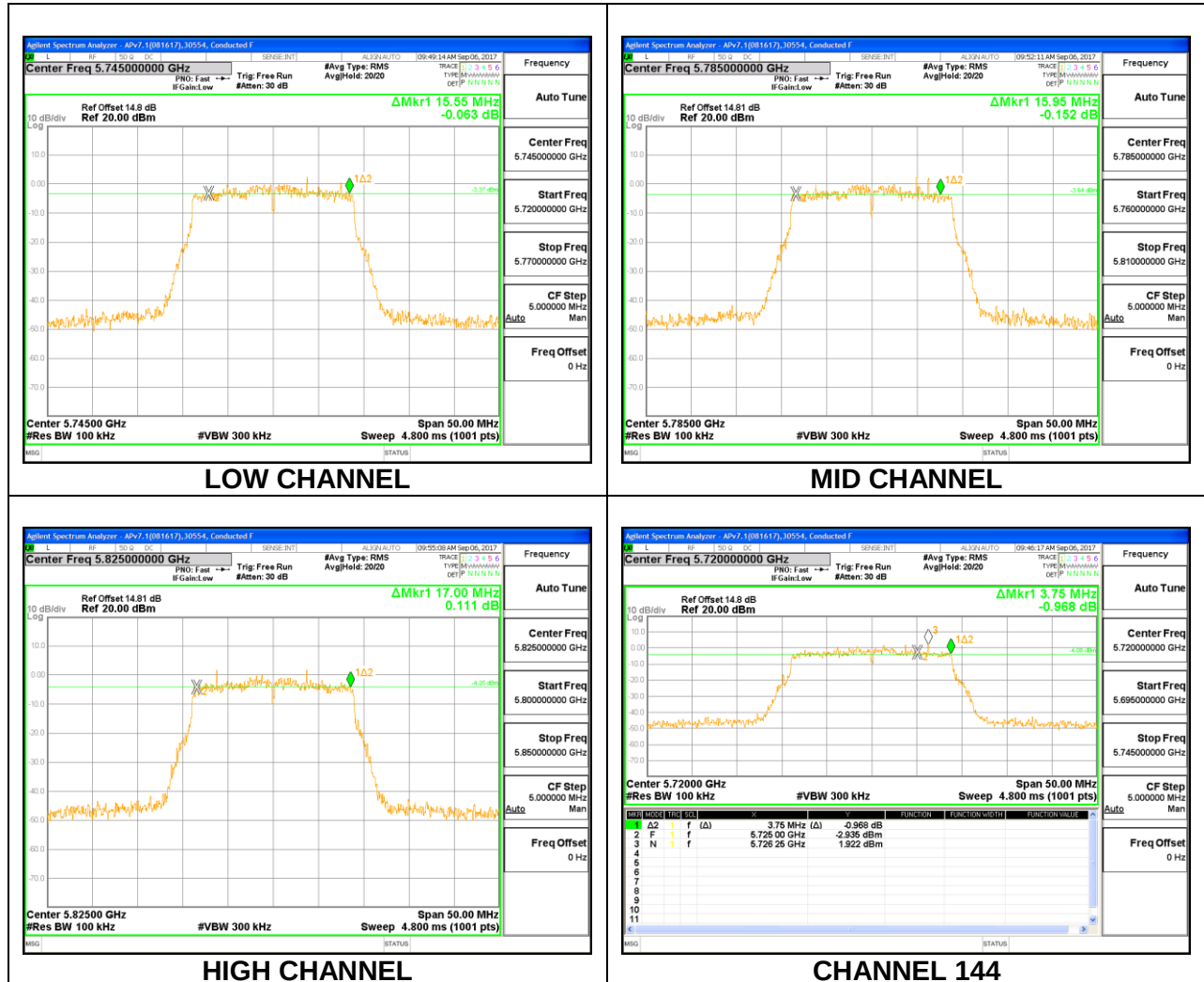
The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

10.3.1. 802.11n HT20 MODE IN THE 5.8 GHz BAND

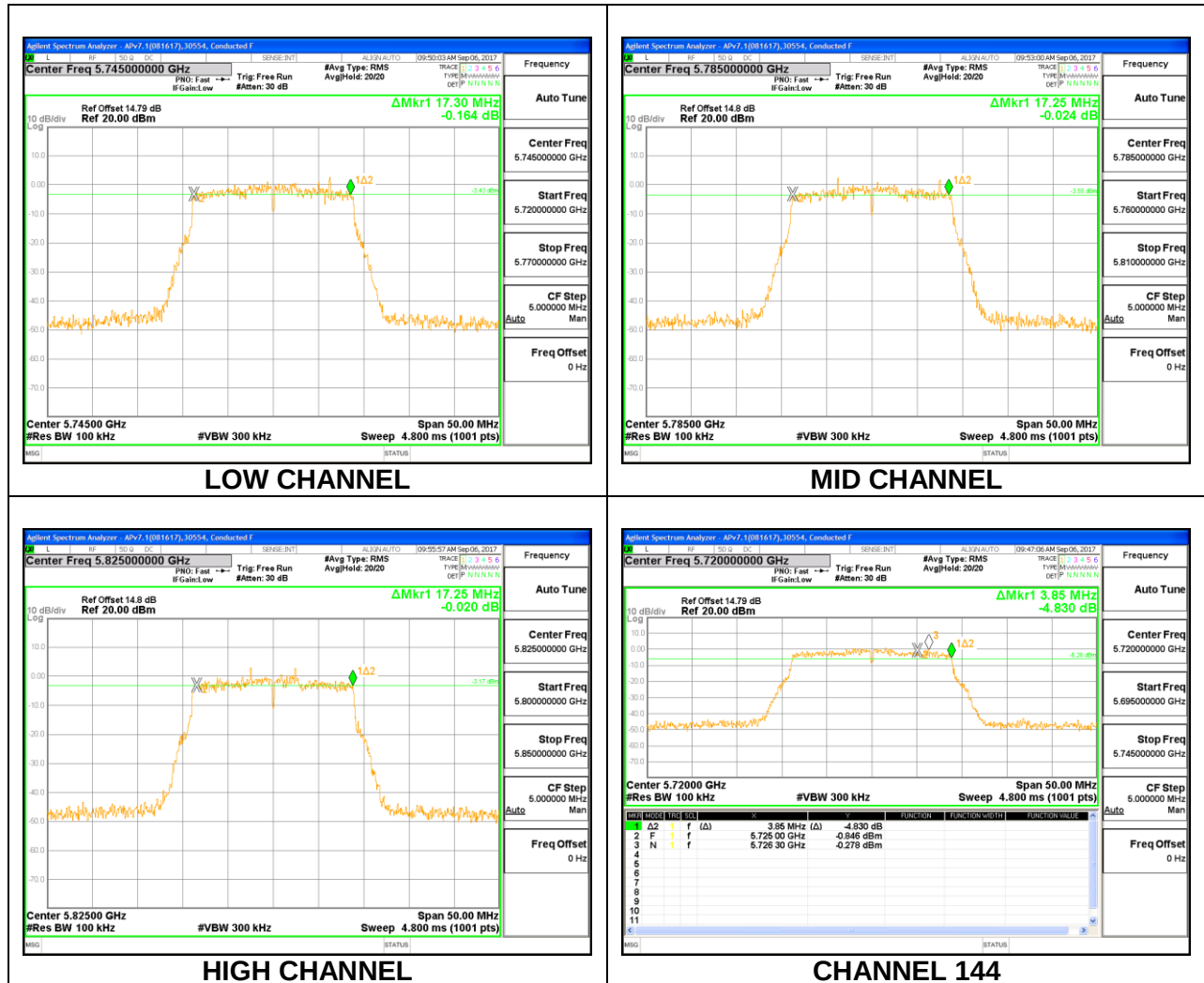
1TX Antenna A

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



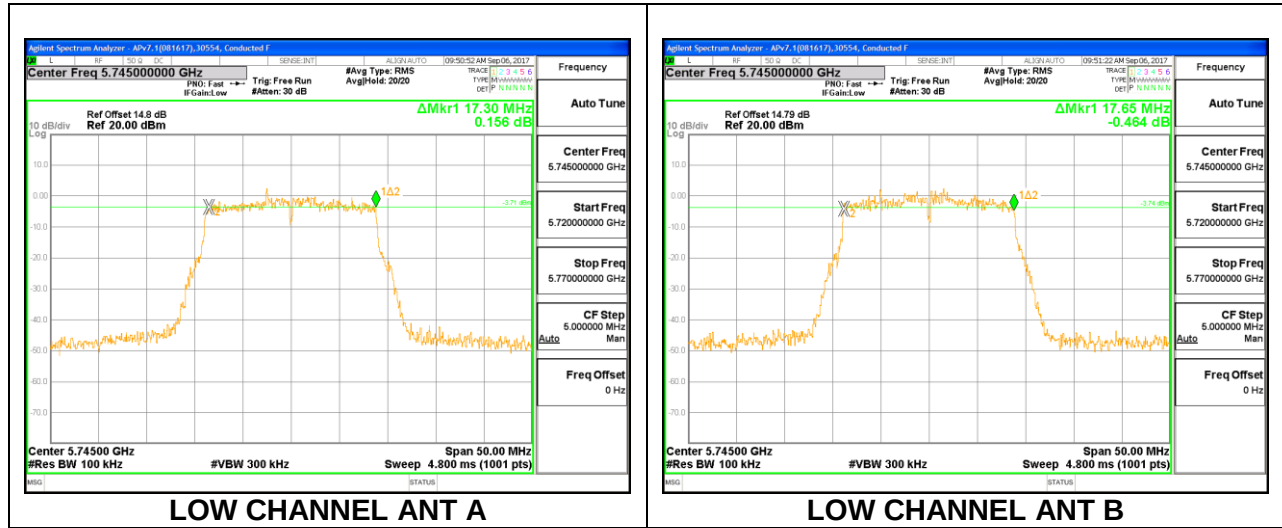
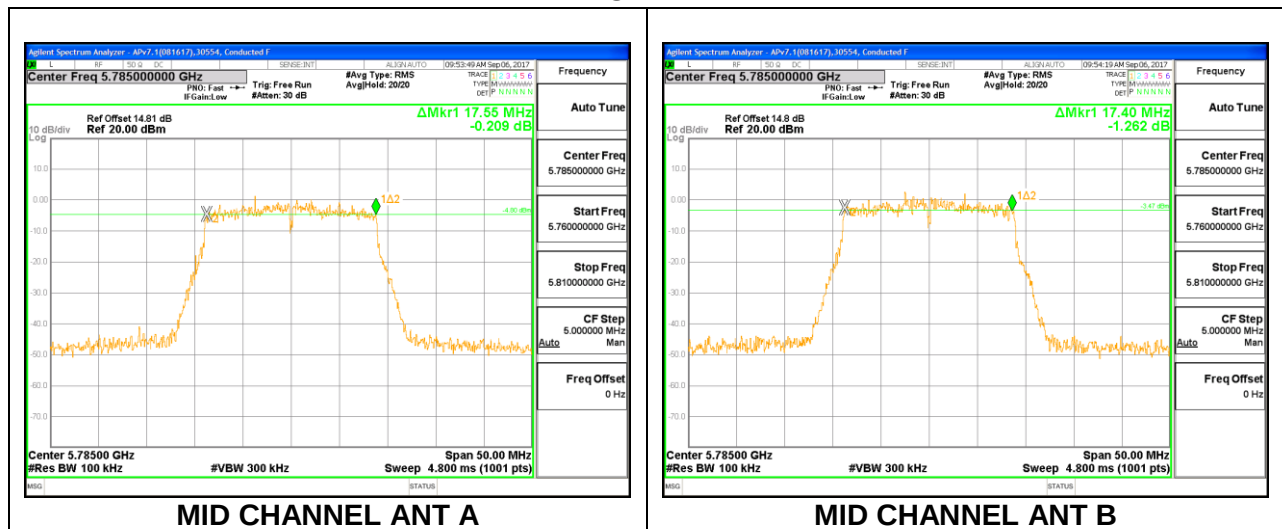
1TX Antenna B

Channel	Frequency	6 dB Bandwidth	Minimum Limit
	(MHz)	(MHz)	(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



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**MID CHANNEL**

Left Plot (ANT A): Center Freq 5.825000000 GHz, Span 50.00 MHz, Res BW 100 kHz, VBW 300 kHz, Sweep 4.800 ms (1001 pts). The plot shows a flat noise floor at -40 dBm until approximately 5.8 GHz, where the signal rises sharply to a peak of about -10 dBm at 5.825 GHz, and then falls back to the noise floor. The peak is marked with a green diamond and labeled '102'. The right plot is for ANT B.

Right Plot (ANT B): Center Freq 5.825000000 GHz, Span 50.00 MHz, Res BW 100 kHz, VBW 300 kHz, Sweep 4.800 ms (1001 pts). The plot shows a flat noise floor at -40 dBm until approximately 5.8 GHz, where the signal rises sharply to a peak of about -10 dBm at 5.825 GHz, and then falls back to the noise floor. The peak is marked with a green diamond and labeled '102'. The right plot is for ANT B.

Channel 144 Ant A Spectrum Analyzer Data:

UNIT	MODE	TRIG	SEL	Q	F	Δ	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	ΔZ	1	f	(Δ)	5.15 MHz	(Δ)	-10.207 dB			
2	F	1	f	(Δ)	5.72375 GHz	(Δ)	-2.227 dBm			
3	N	1	f	(Δ)	5.72625 GHz	(Δ)	-2.470 dBm			

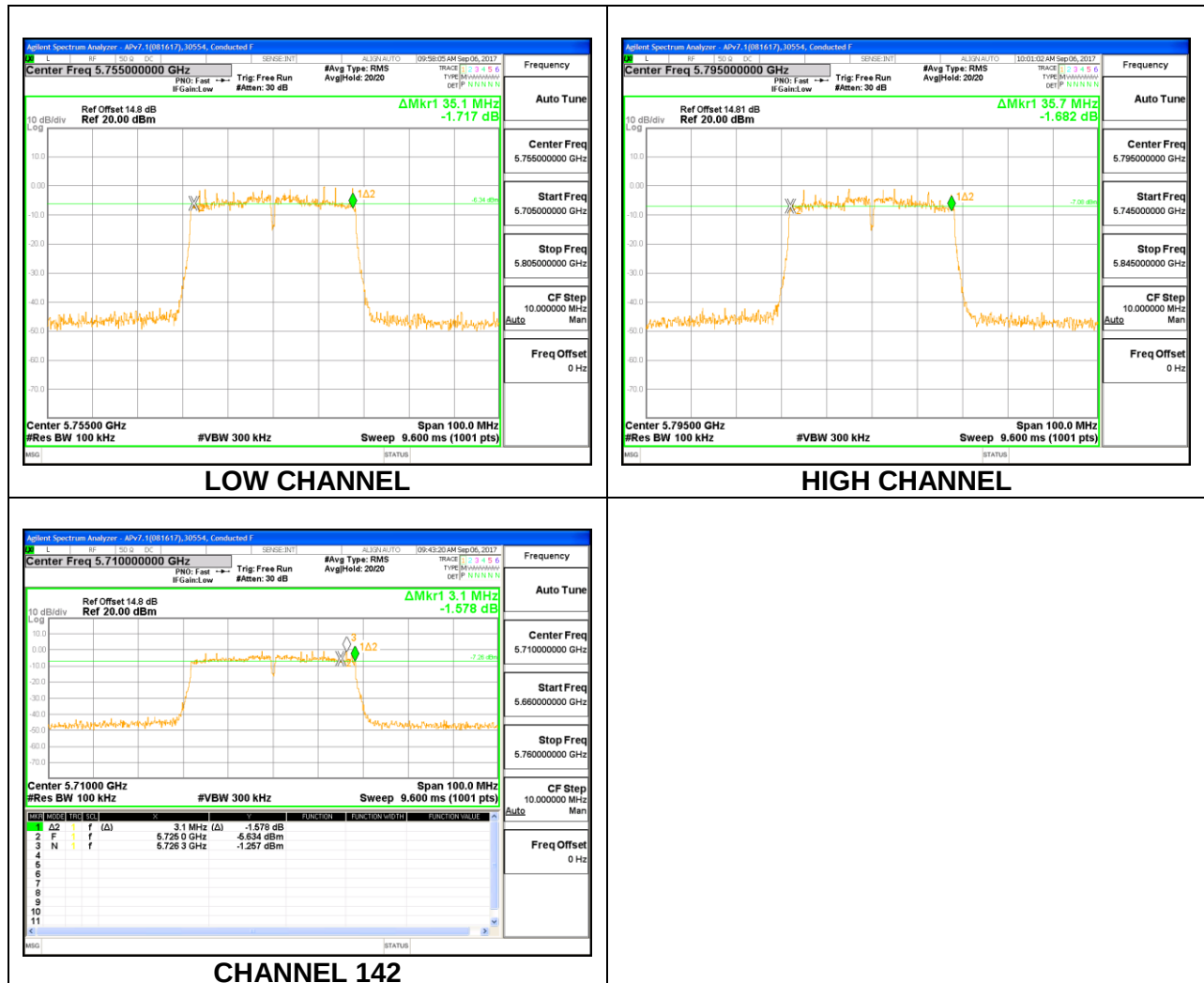
Channel 144 Ant B Spectrum Analyzer Data:

UNIT	MODE	TRIG	SEL	Q	F	Δ	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	ΔZ	1	f	(Δ)	3.85 MHz	(Δ)	-5.337 dB			
2	F	1	f	(Δ)	5.72620 GHz	(Δ)	0.016 dBm			
3	N	1	f	(Δ)	5.72620 GHz	(Δ)	1.115 dBm			

10.3.2. 802.11n HT40 MODE IN THE 5.8 GHz BAND

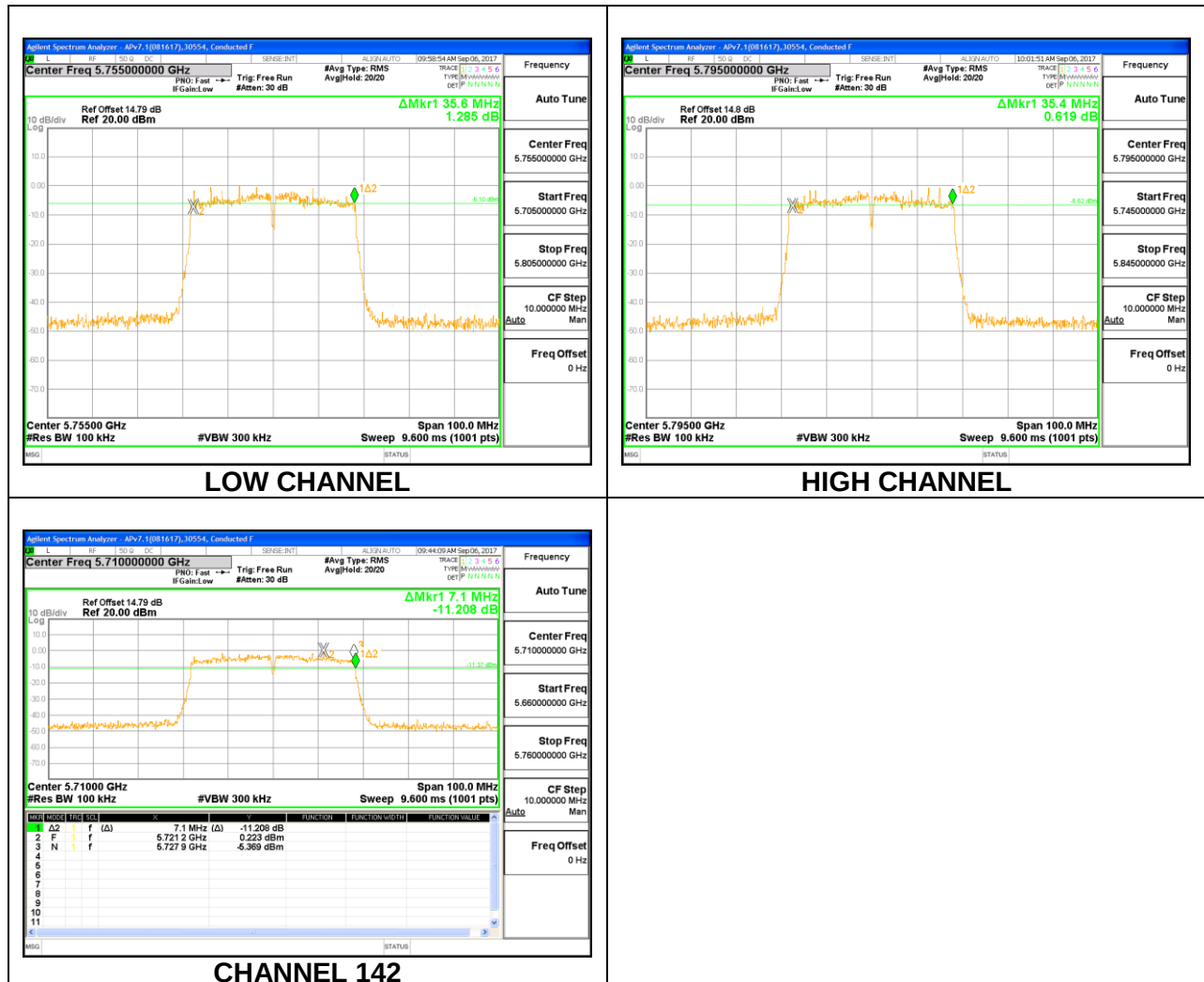
1TX Antenna A

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



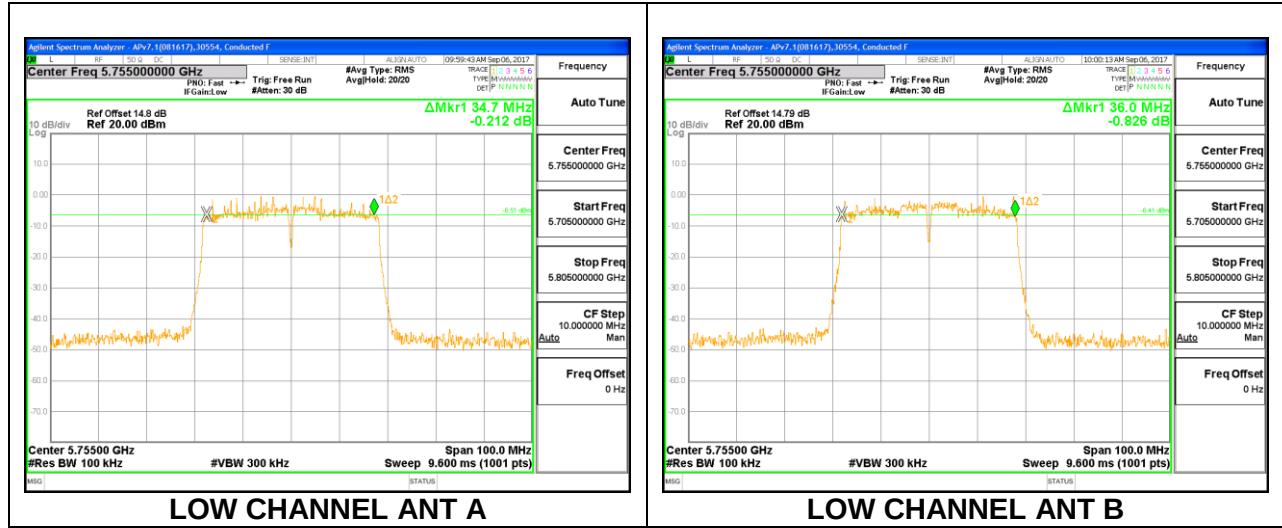
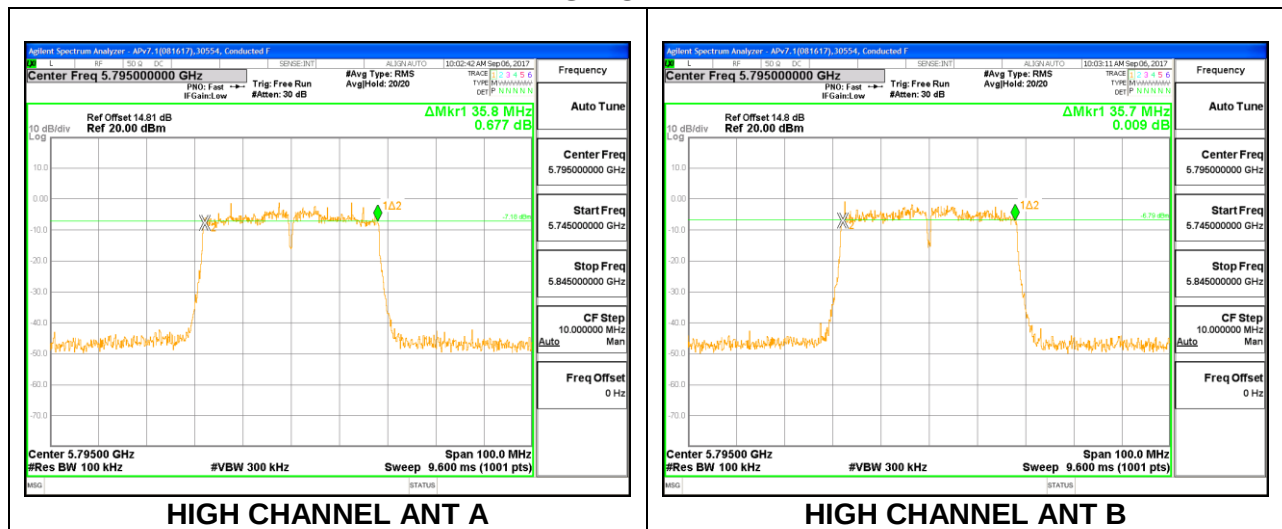
1TX Antenna B

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



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**HIGH CHANNEL**

CHANNEL 142

