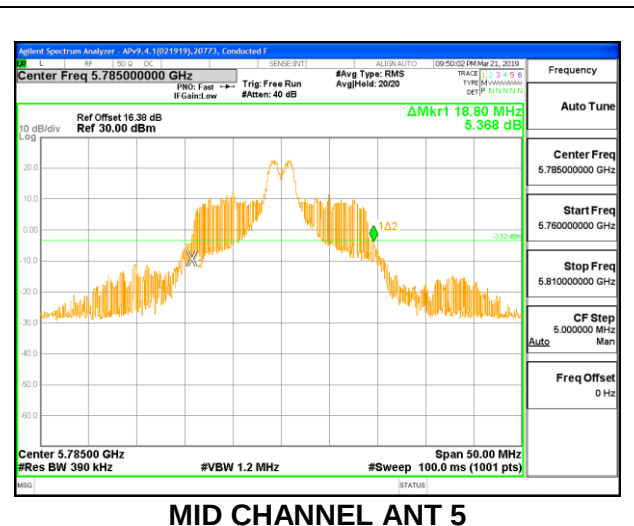
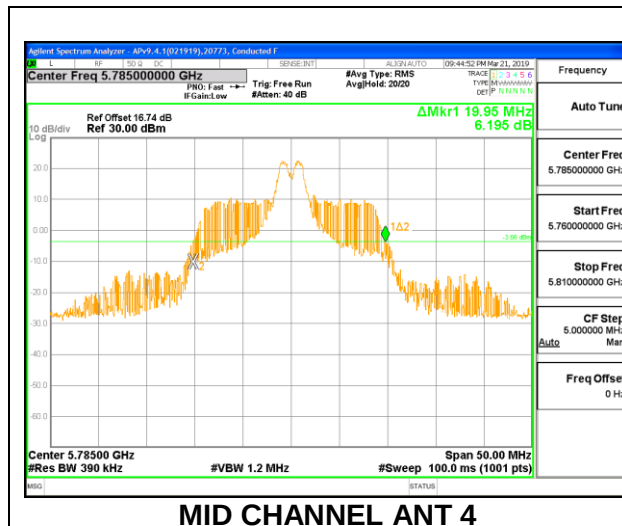
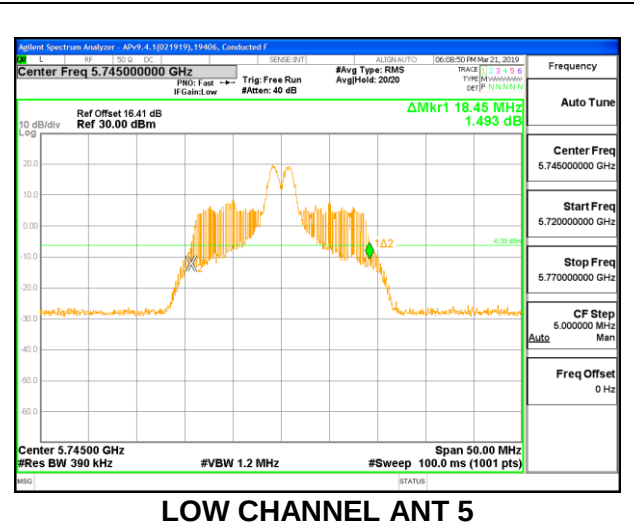
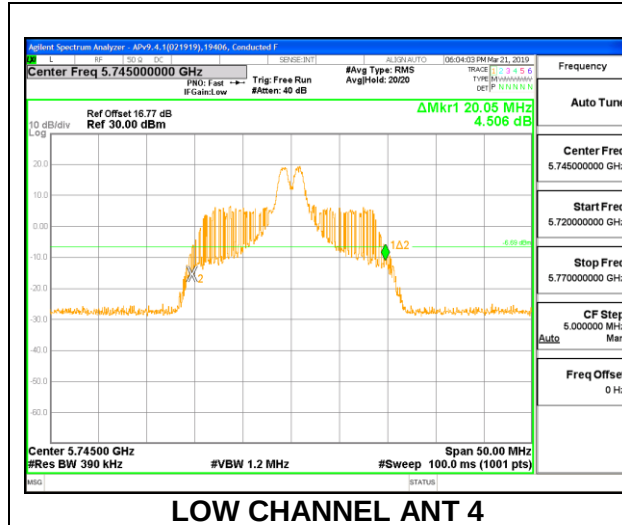
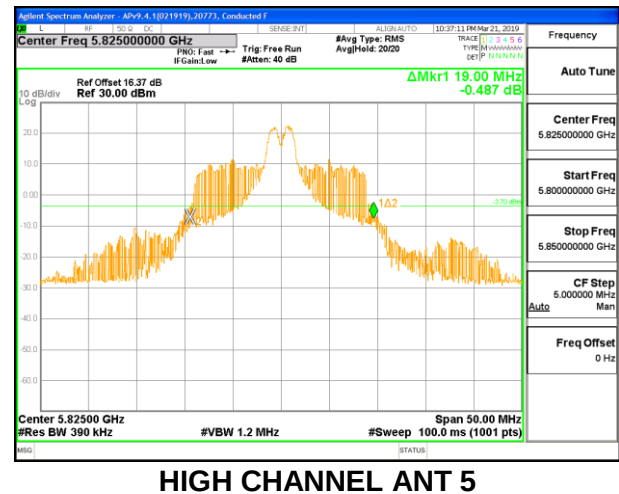
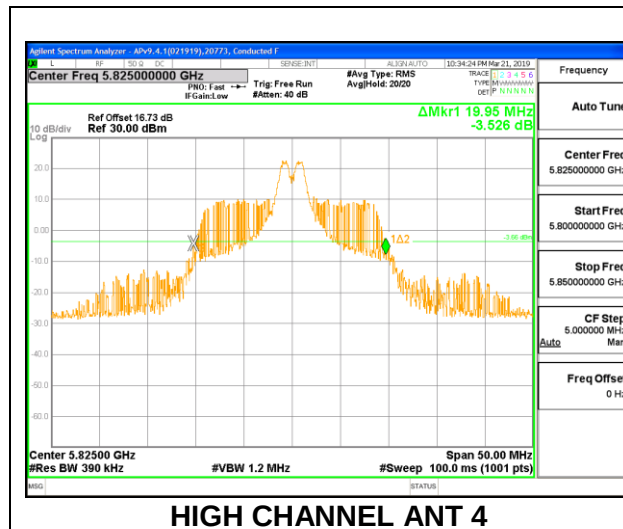


2TX Antenna 4 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 4

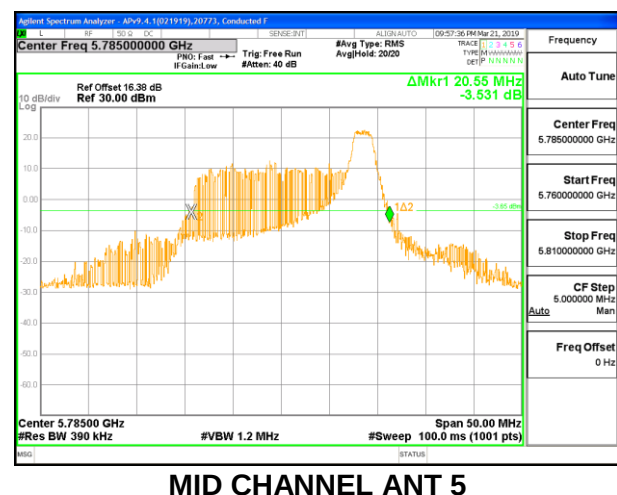
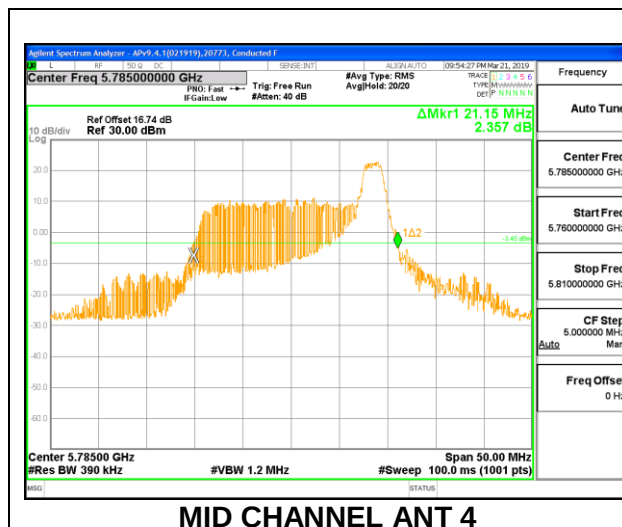
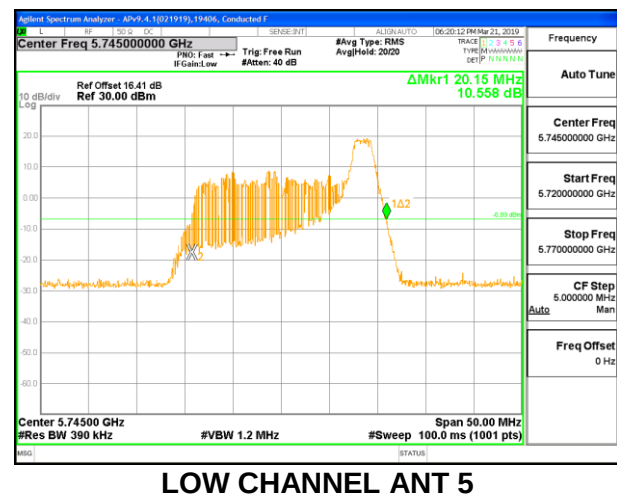
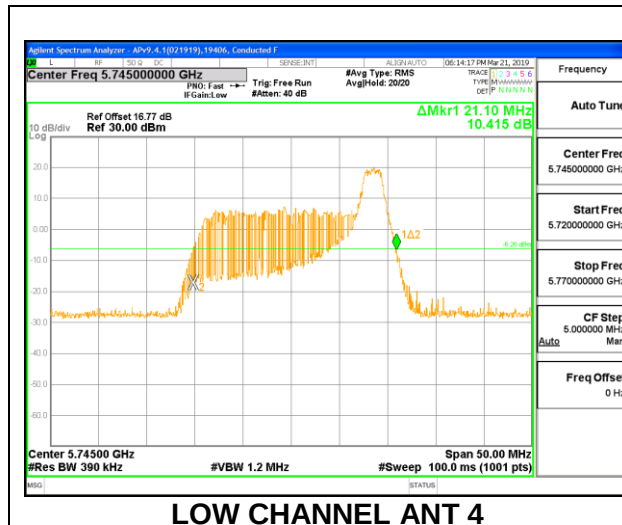
Channel	Frequency (MHz)	26 dB Bandwidth Ant 4 (MHz)	26 dB Bandwidth Ant 5 (MHz)
Low	5745	20.05	18.45
Mid	5785	19.95	18.80
High	5825	19.95	19.00

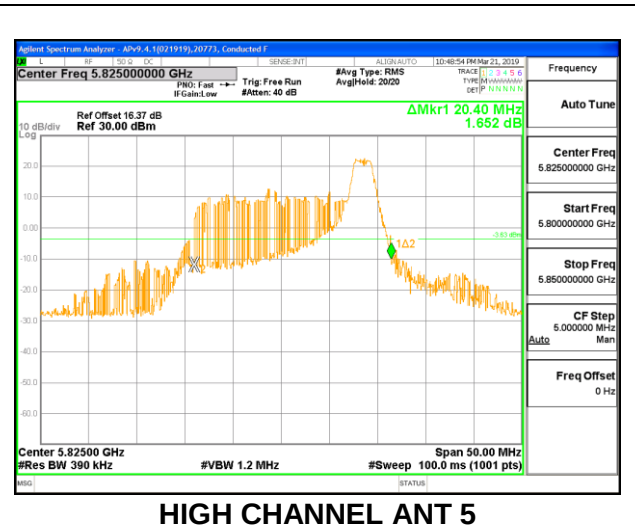
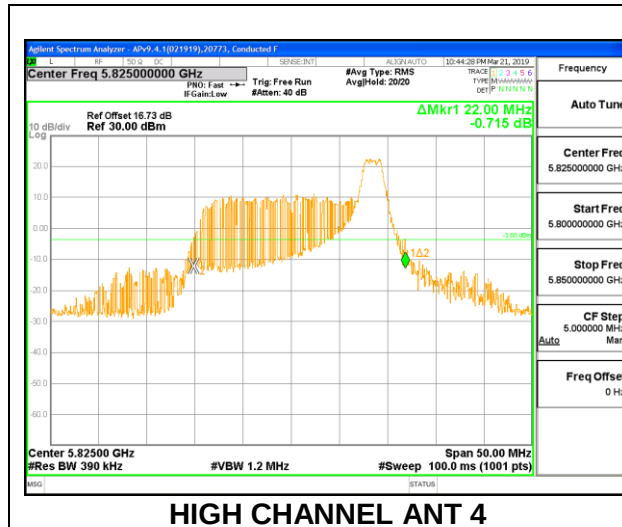




2TX Antenna 4 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 8

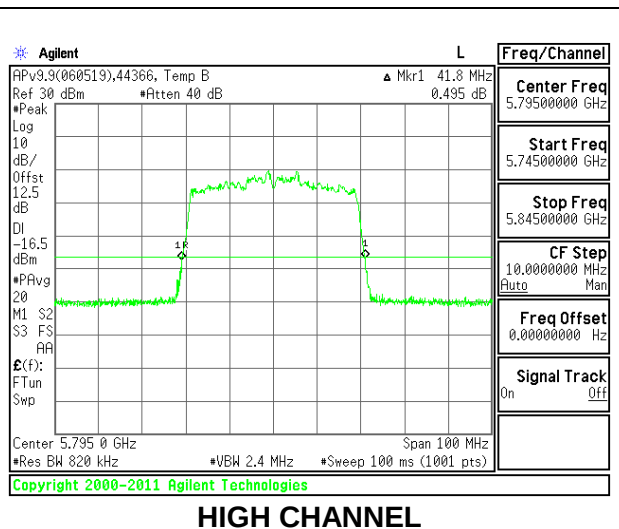
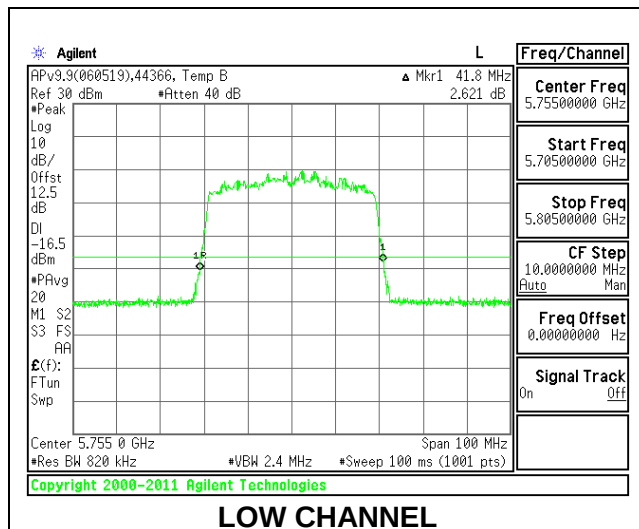
Channel	Frequency	26 dB Bandwidth	26 dB Bandwidth
	(MHz)	Ant 4	Ant 5
Low	5745	21.10	20.15
Mid	5785	21.15	20.55
High	5825	22.00	20.40





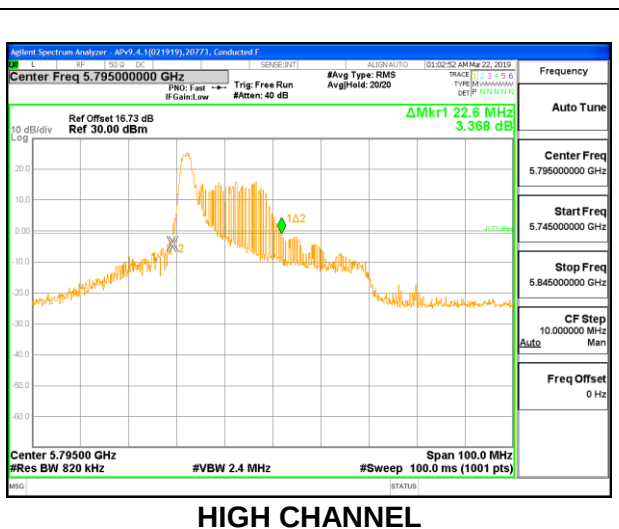
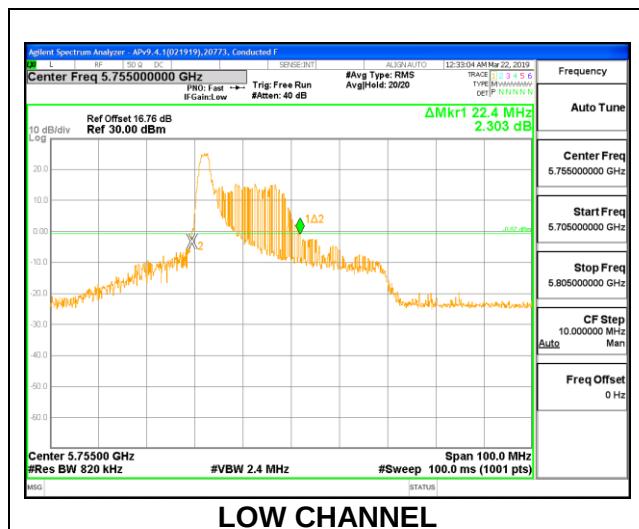
8.2.23. 802.11ax HE40 MODE IN THE 5.8 GHz BAND
1TX Antenna 4 MODE – 484 Tones, RU Index 65

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5755	41.80
High	5795	41.80



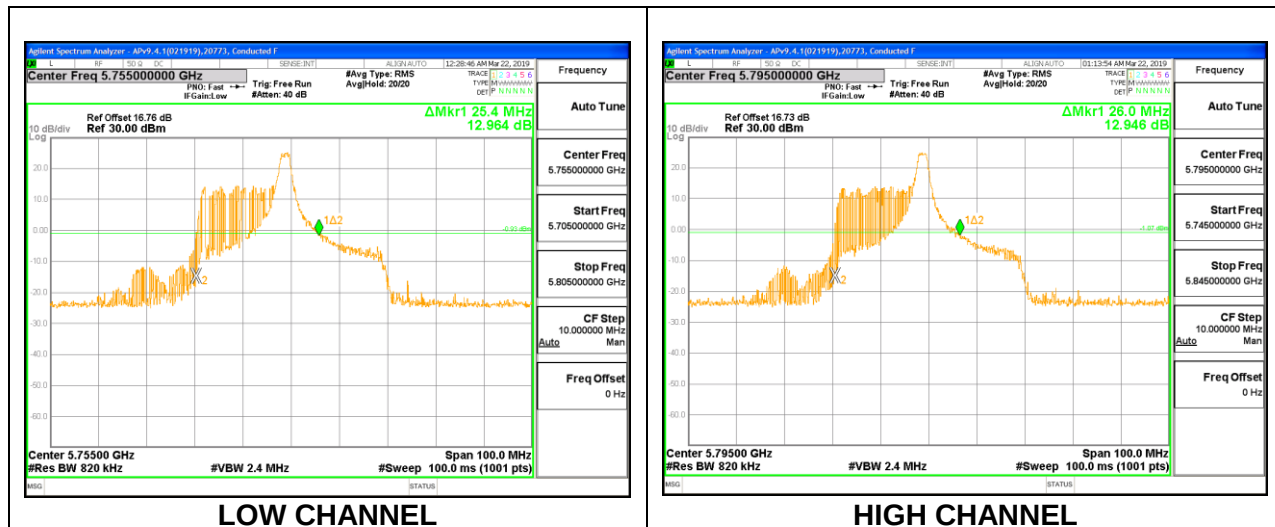
1TX Antenna 4 MODE – 26 Tones, RU Index 0

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5755	22.40
High	5795	22.60

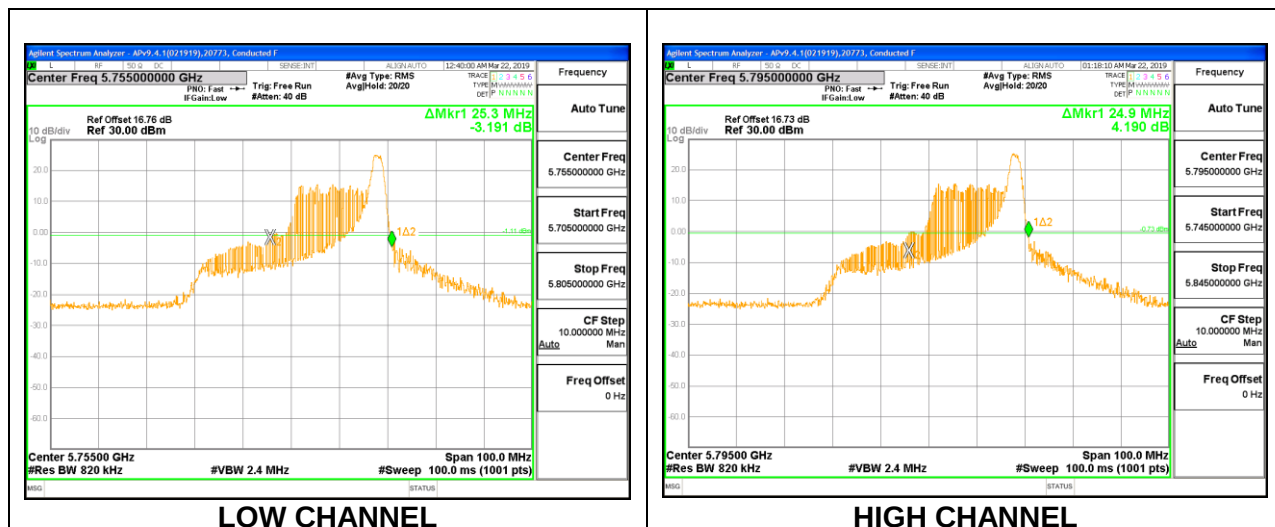


1TX Antenna 4 MODE – 26 Tones, RU Index 8

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5755	25.40
High	5795	26.00

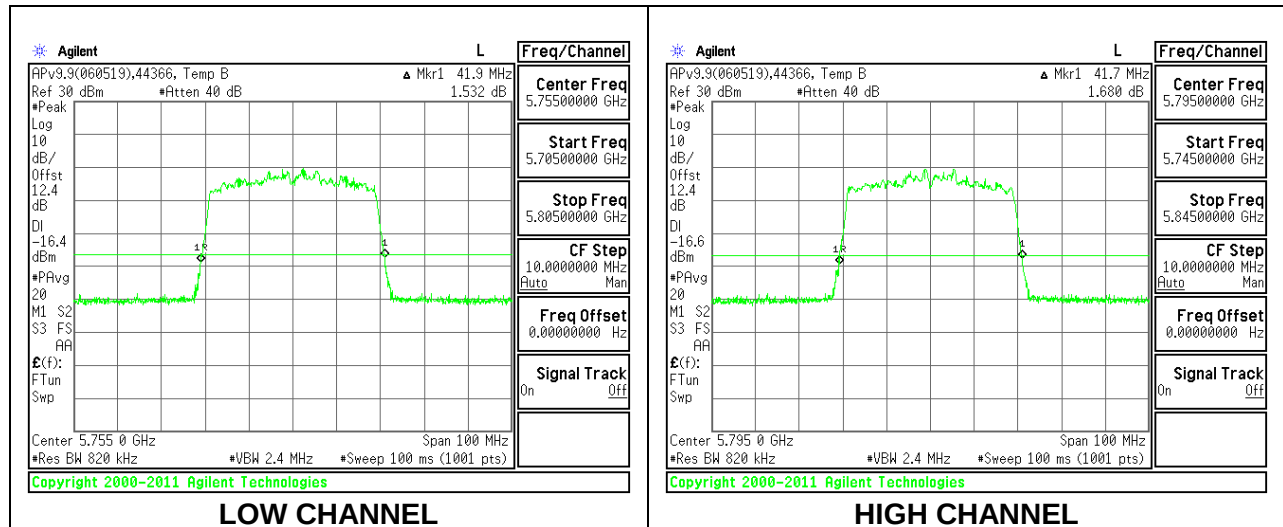
**1TX Antenna 4 MODE – 26 Tones, RU Index 17**

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5755	25.30
High	5795	24.90

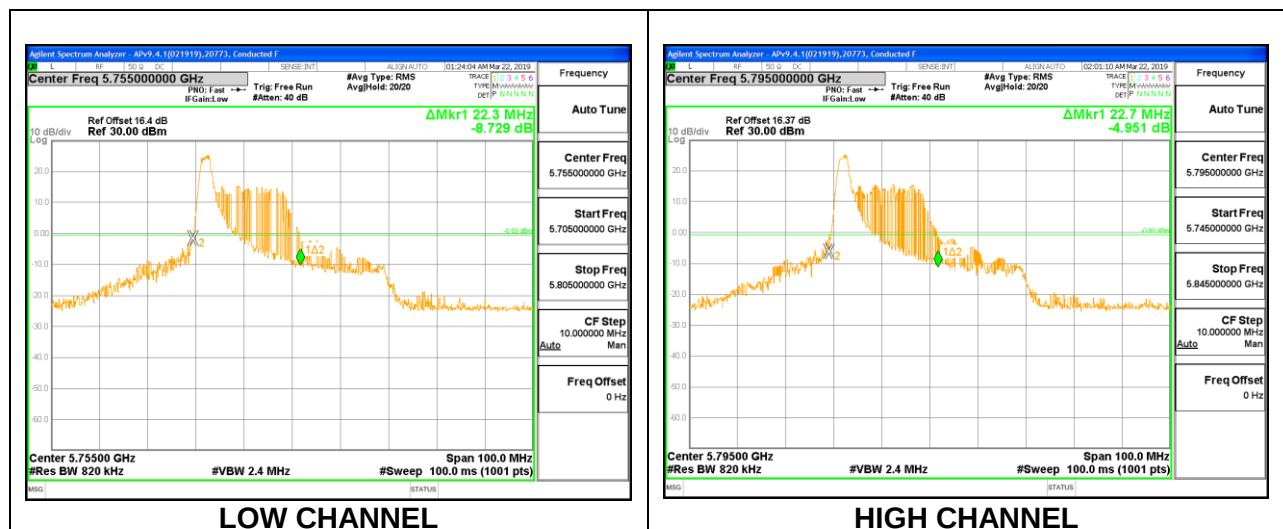


1TX Antenna 5 MODE – 484 Tones, RU Index 65

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5755	41.90
High	5795	41.70

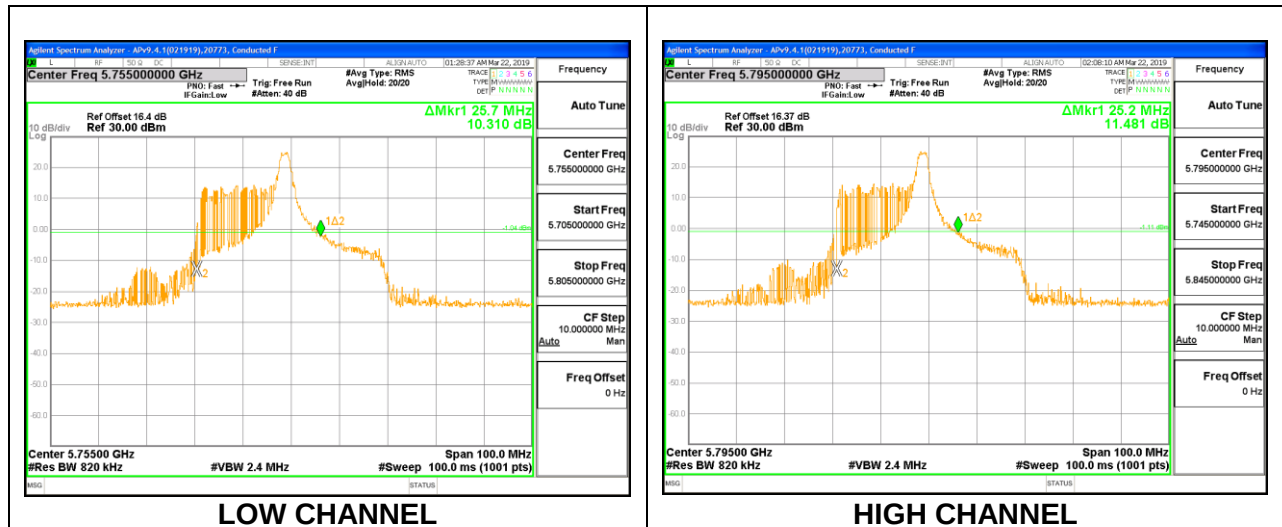
**1TX Antenna 5 MODE – 26 Tones, RU Index 0**

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5755	22.30
High	5795	22.70

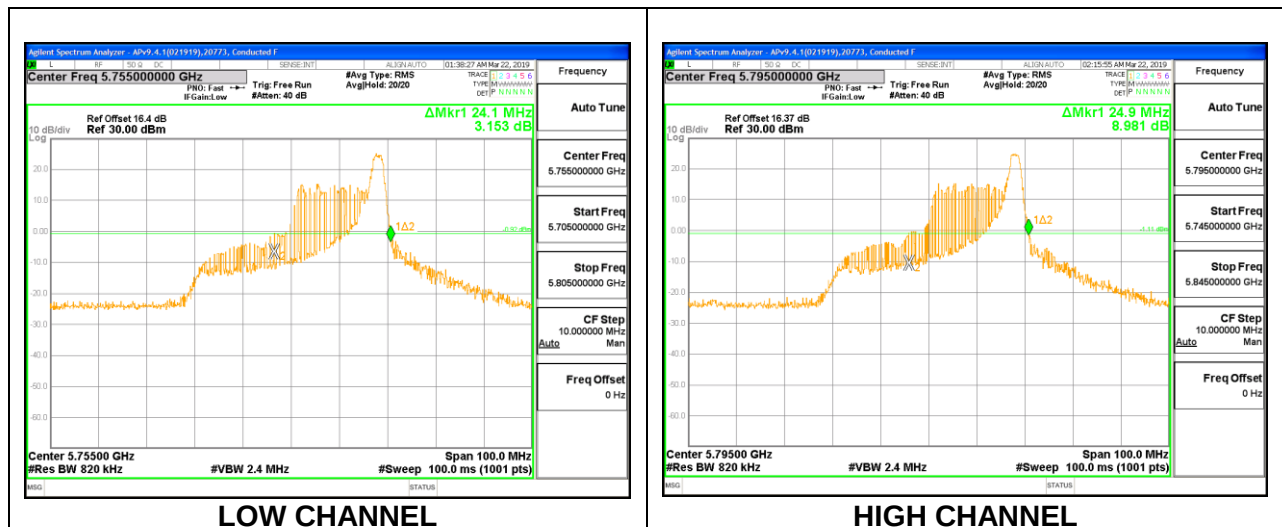


1TX Antenna 5 MODE – 26 Tones, RU Index 8

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5755	25.70
High	5795	25.20

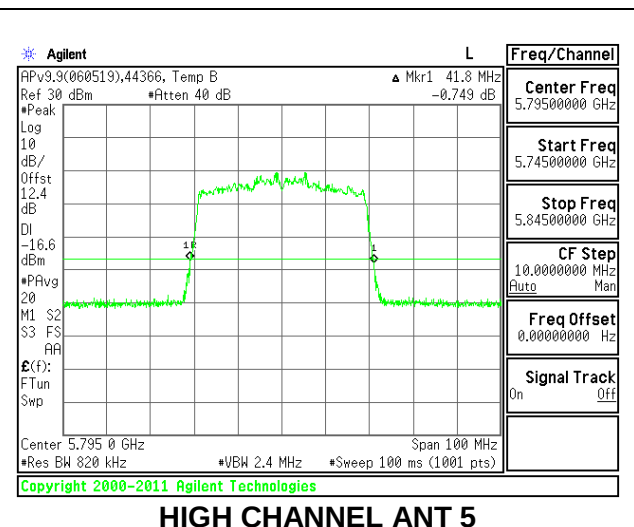
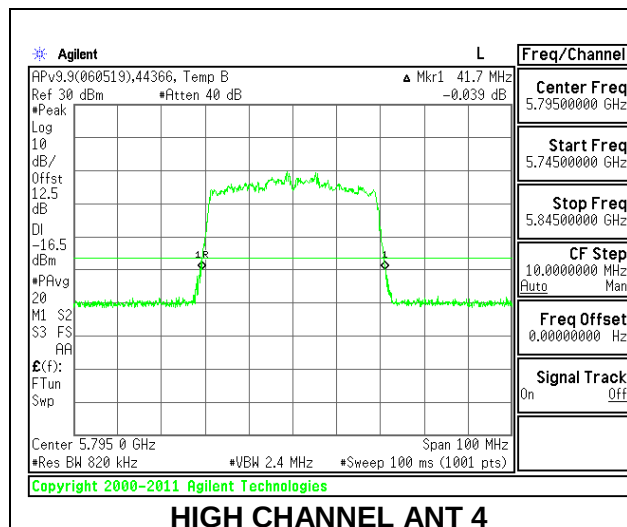
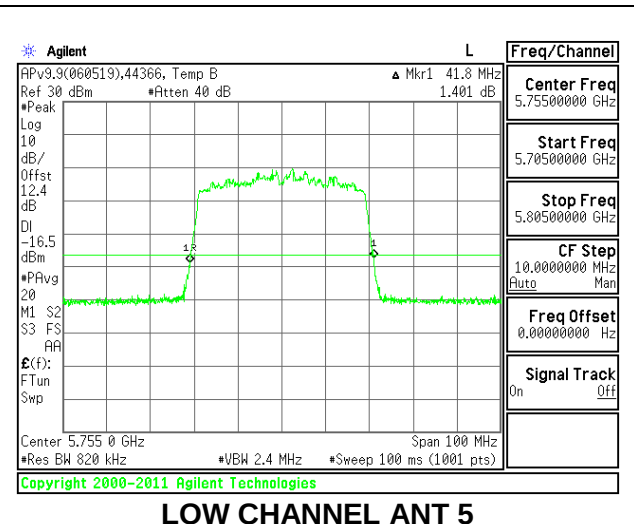
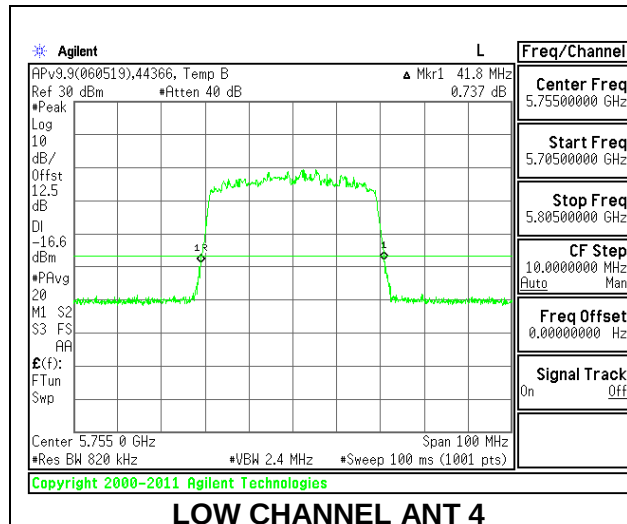
**1TX Antenna 5 MODE – 26 Tones, RU Index 17**

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5755	24.10
High	5795	24.90



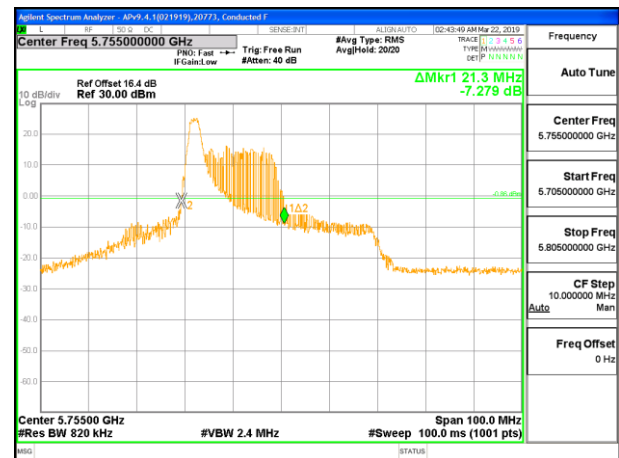
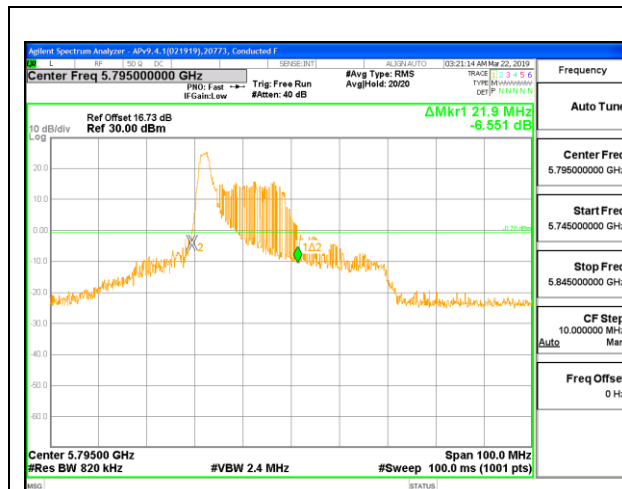
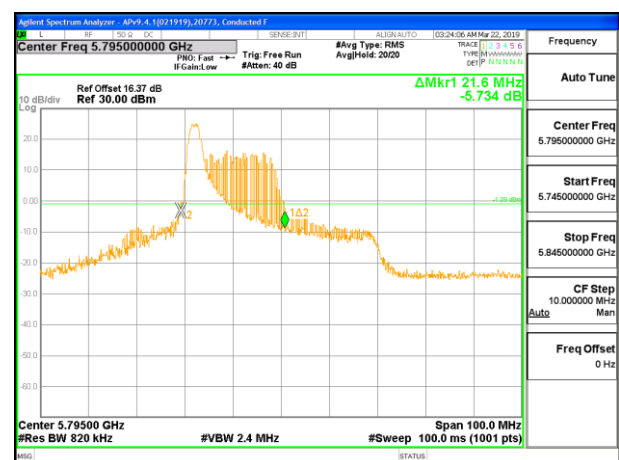
2TX Antenna 4 + Antenna 5 CDD MODE – 242 Tones, RU Index 65

Channel	Frequency (MHz)	26 dB Bandwidth Ant 4 (MHz)	26 dB Bandwidth Ant 5 (MHz)
Low	5755	41.80	41.80
High	5795	41.70	41.80



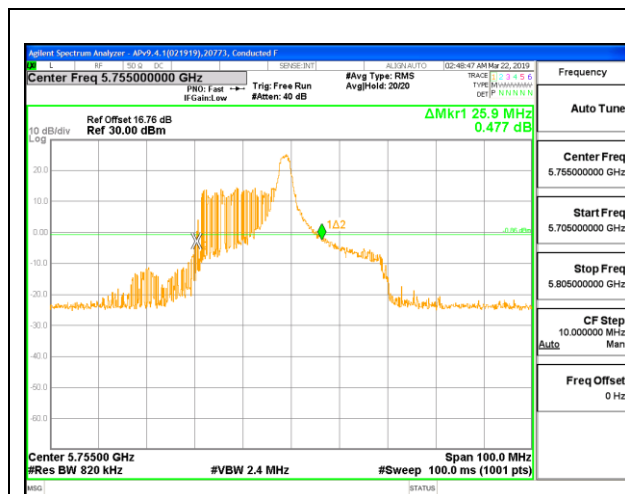
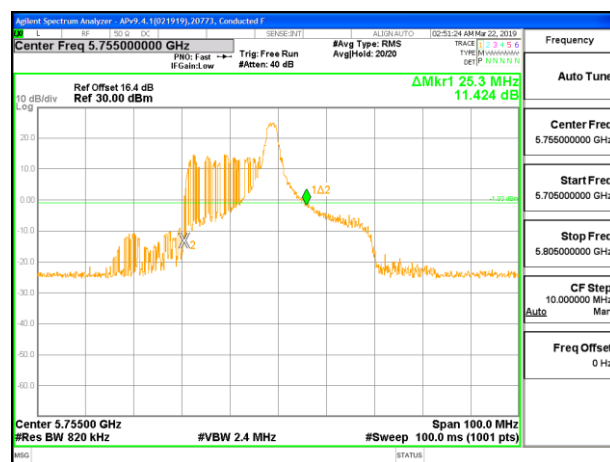
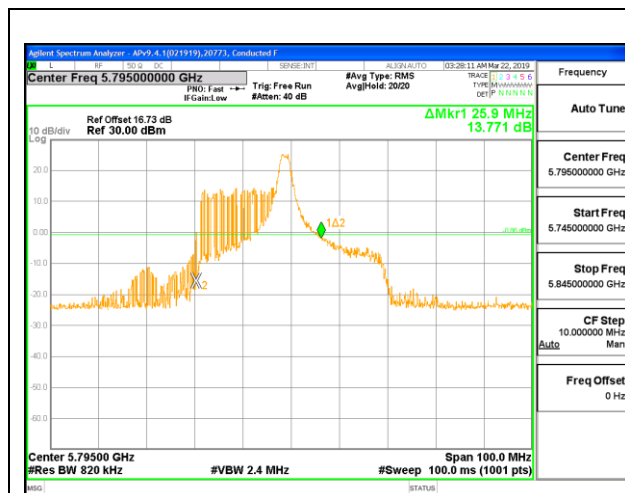
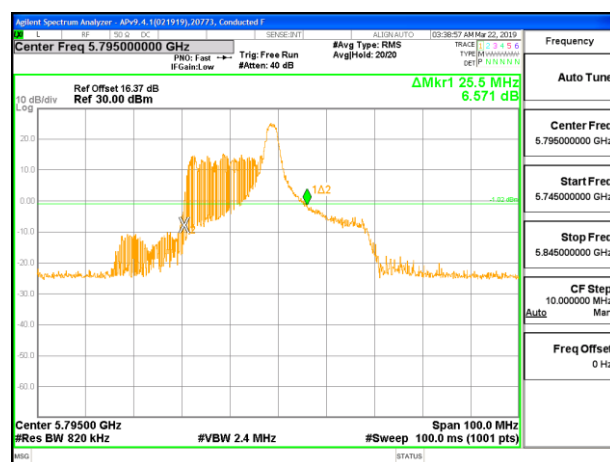
2TX Antenna 4 + Antenna 5 CDD MODE – 26 Tones, RU Index 0

Channel	Frequency	26 dB Bandwidth	26 dB Bandwidth
	(MHz)	Ant 4	Ant 5
		(MHz)	(MHz)
Low	5755	22.10	21.30
High	5795	21.90	21.60

**LOW CHANNEL ANT 4****LOW CHANNEL ANT 5****HIGH CHANNEL ANT 4****HIGH CHANNEL ANT 5**

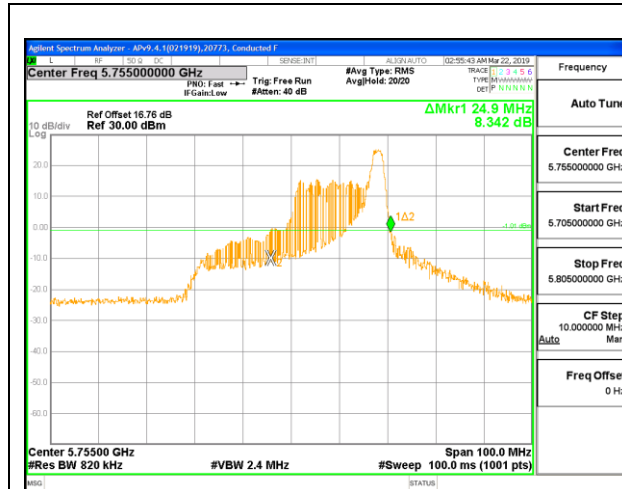
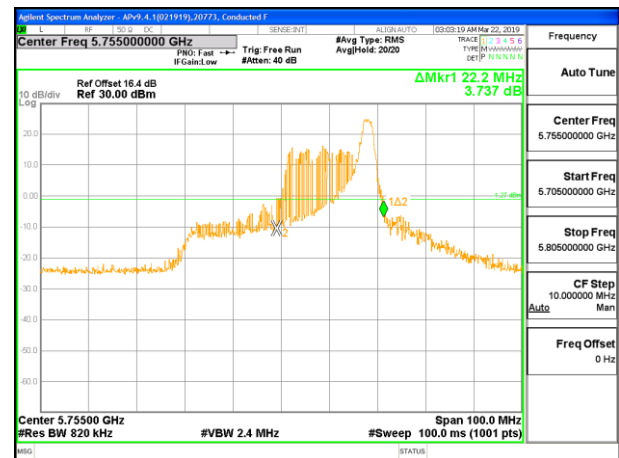
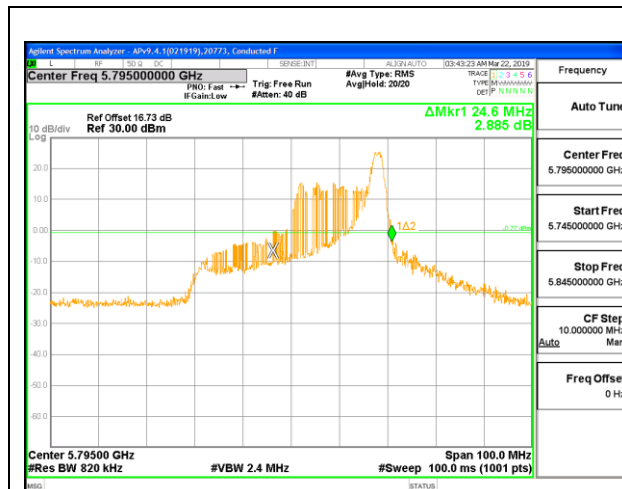
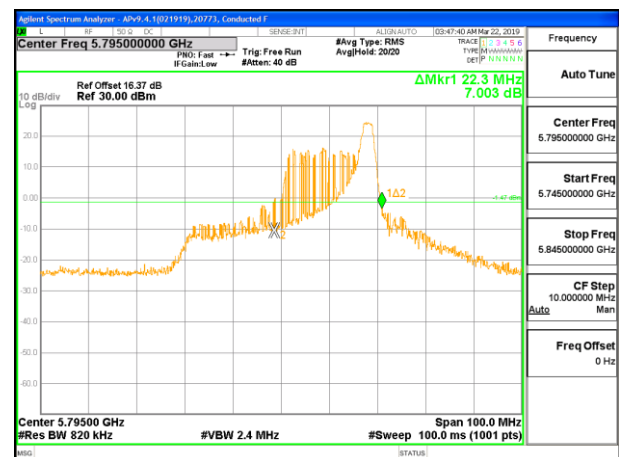
2TX Antenna 4 + Antenna 5 CDD MODE – 26 Tones, RU Index 8

Channel	Frequency (MHz)	26 dB Bandwidth Ant 4 (MHz)	26 dB Bandwidth Ant 5 (MHz)
Low	5755	25.90	25.30
High	5795	25.90	25.50

**LOW CHANNEL ANT 4****LOW CHANNEL ANT 5****HIGH CHANNEL ANT 4****HIGH CHANNEL ANT 5**

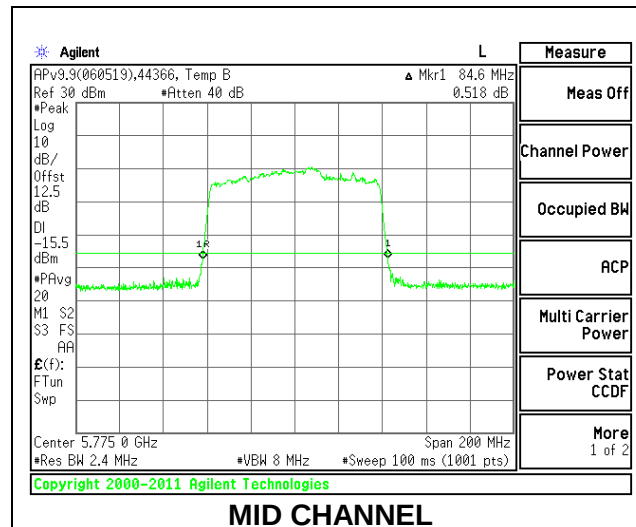
2TX Antenna 4 + Antenna 5 CDD MODE – 26 Tones, RU Index 17

Channel	Frequency (MHz)	26 dB Bandwidth Ant 4 (MHz)	26 dB Bandwidth Ant 5 (MHz)
Low	5755	24.90	22.20
High	5795	24.60	22.30

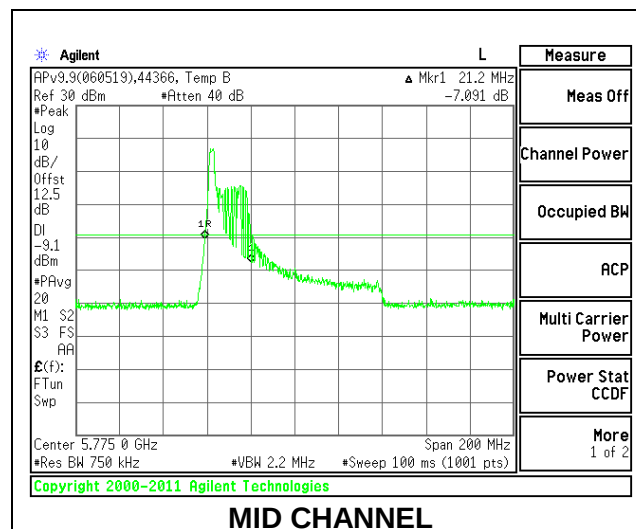
**LOW CHANNEL ANT 4****LOW CHANNEL ANT 5****HIGH CHANNEL ANT 4****HIGH CHANNEL ANT 5**

8.2.24. 802.11ax HE80 MODE IN THE 5.8 GHz BAND**1TX Antenna 4 MODE – 996 Tones, RU Index 67**

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5775	84.60

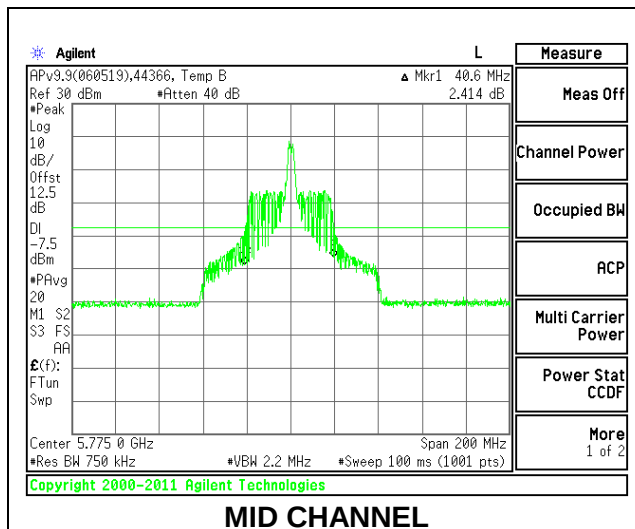
**1TX Antenna 4 MODE – 26 Tones, RU Index 0**

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5775	21.20

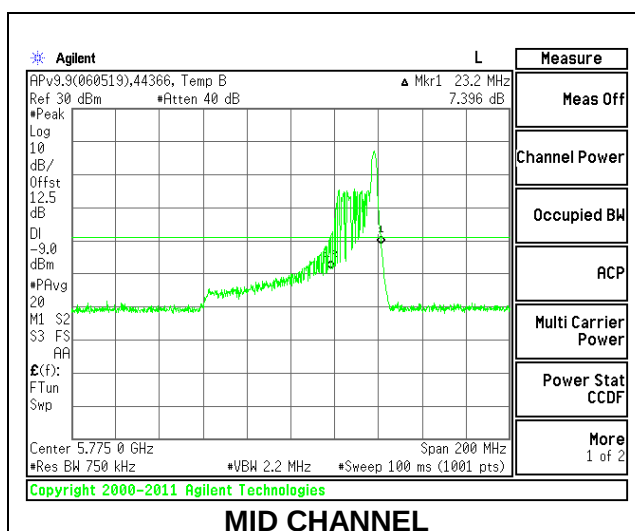


1TX Antenna 4 MODE – 26 Tones, RU Index 18

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5775	40.60

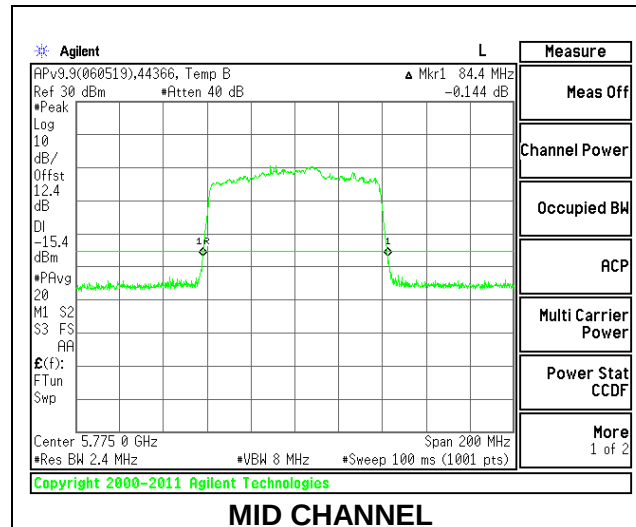
**1TX Antenna 4 MODE – 26 Tones, RU Index 36**

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5775	23.20

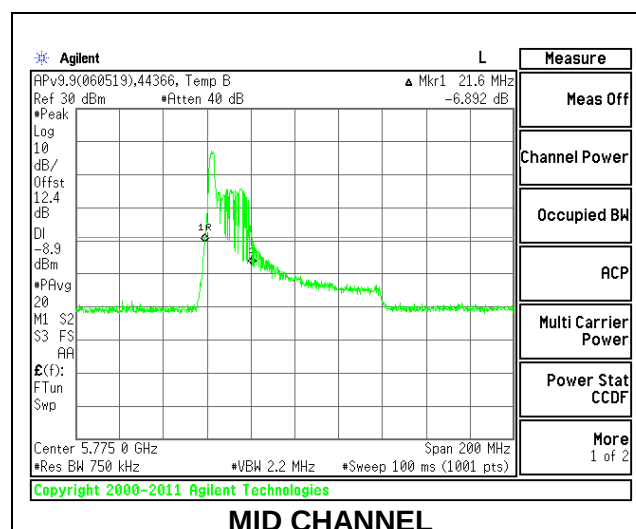


1TX Antenna 5 MODE – 996 Tones, RU Index 67

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5775	84.40

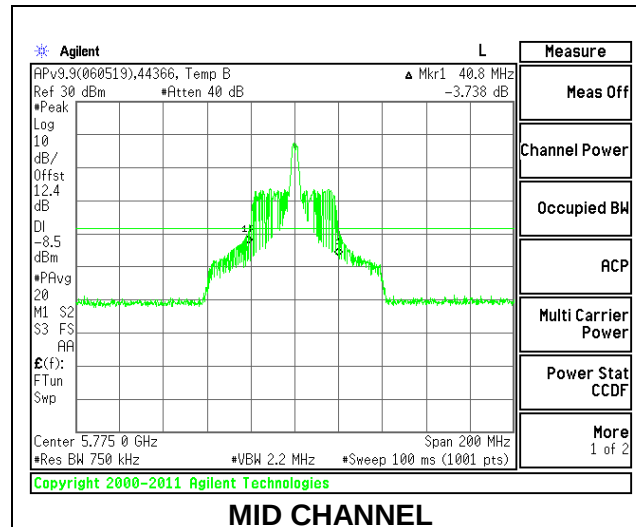
**1TX Antenna 5 MODE – 26 Tones, RU Index 0**

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5775	21.60

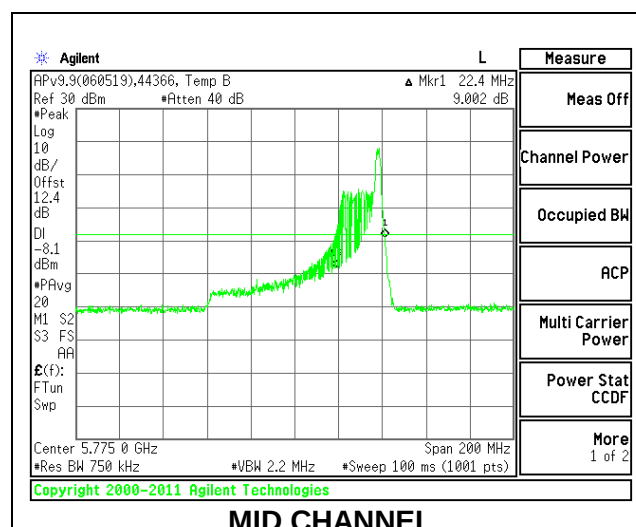


1TX Antenna 5 MODE – 26 Tones, RU Index 18

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5775	40.80

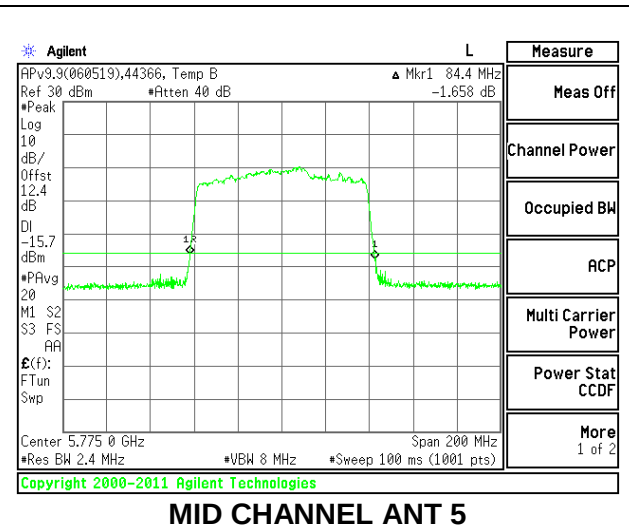
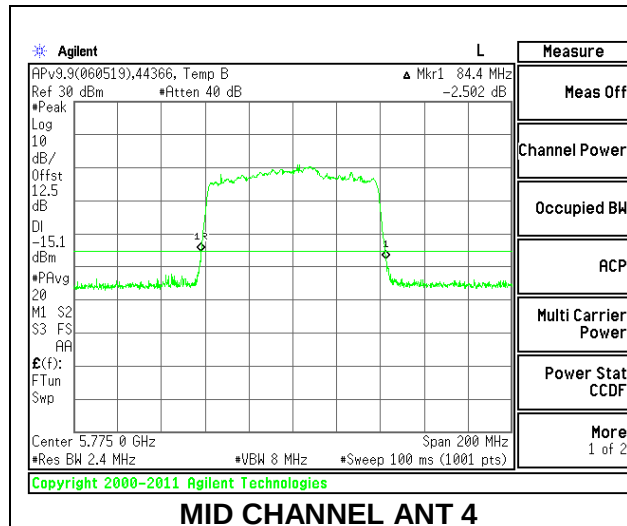
**1TX Antenna 5 MODE – 26 Tones, RU Index 36**

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5775	22.40

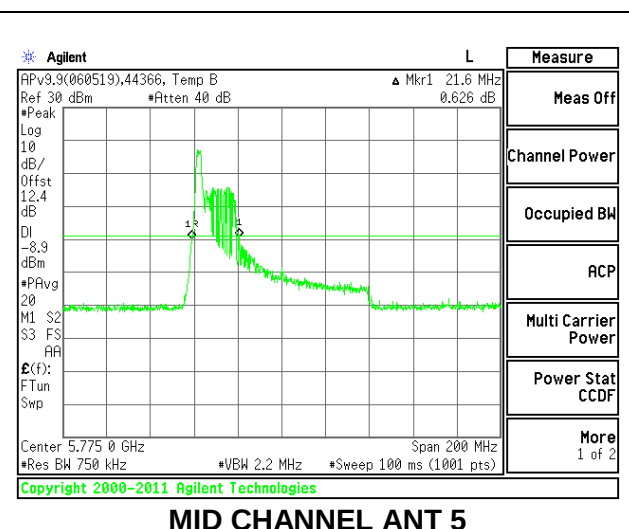
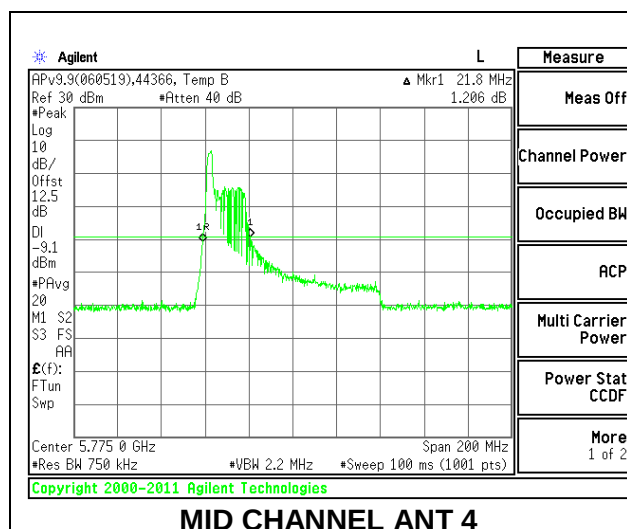


2TX Antenna 4 + Antenna 5 CDD MODE – 996 Tones, RU Index 67

Channel	Frequency	26 dB Bandwidth	26 dB Bandwidth
	(MHz)	Ant 4	Ant 5
		(MHz)	(MHz)
Mid	5775	84.40	84.40

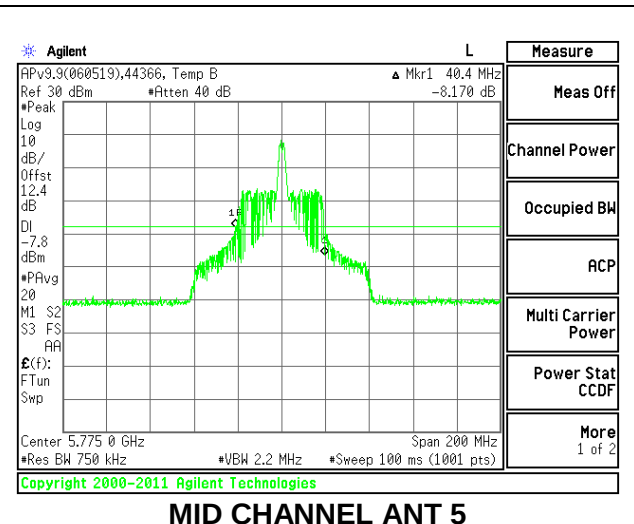
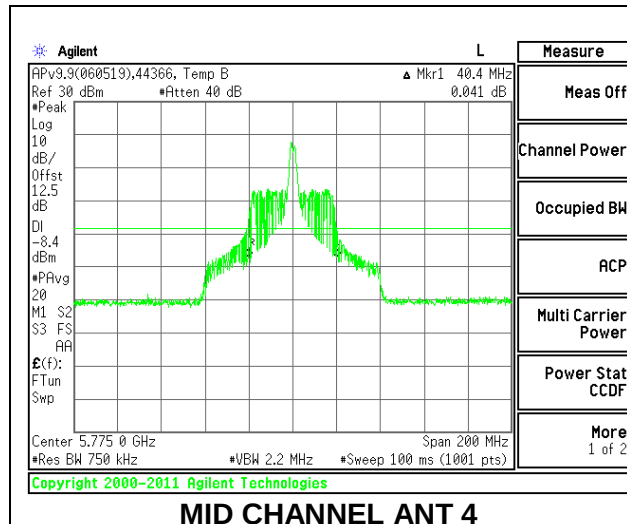
**2TX Antenna 4+ Antenna 5 CDD MODE – 26 Tones, RU Index 0**

Channel	Frequency	26 dB Bandwidth	26 dB Bandwidth
	(MHz)	Ant 4	Ant 5
		(MHz)	(MHz)
Mid	5775	21.80	21.60

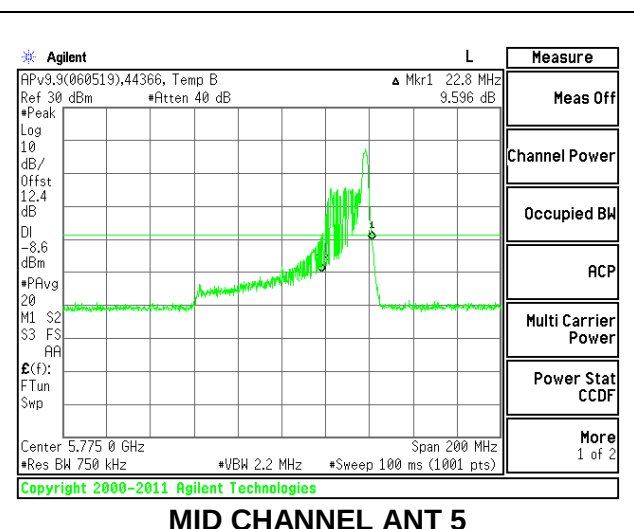
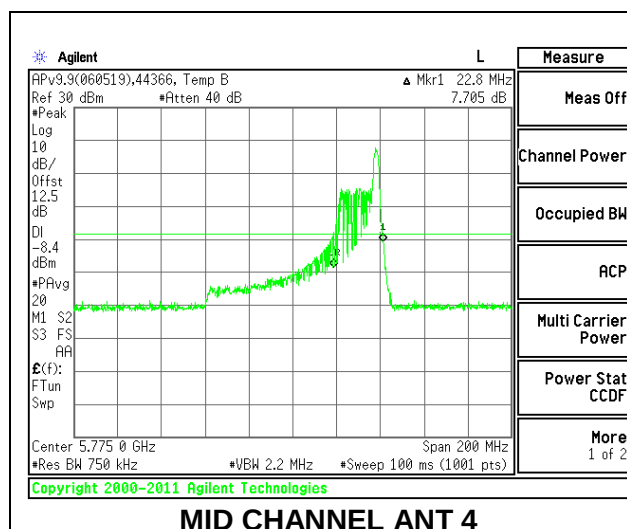


2TX Antenna 4 + Antenna 5 CDD MODE – 26 Tones, RU Index 18

Channel	Frequency (MHz)	26 dB Bandwidth Ant 4 (MHz)	26 dB Bandwidth Ant 5 (MHz)
Mid	5775	40.40	40.40

**2TX Antenna 4 + Antenna 5 CDD MODE – 26 Tones, RU Index 36**

Channel	Frequency (MHz)	26 dB Bandwidth Ant 4 (MHz)	26 dB Bandwidth Ant 5 (MHz)
Mid	5775	22.80	22.80



8.3. 99% BANDWIDTH

LIMITS

None; for reporting purposes only.

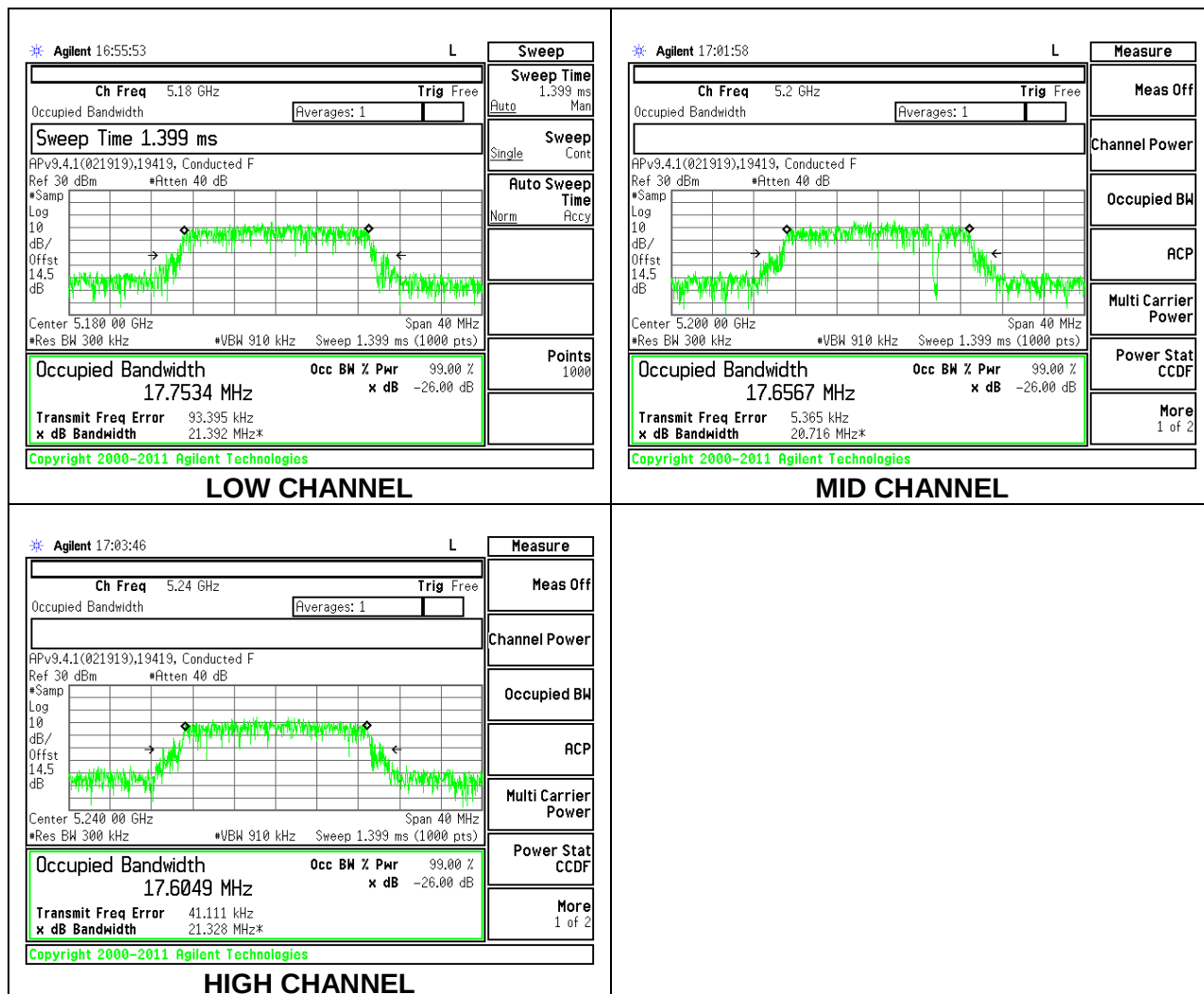
RESULTS

ID:	19419	Date:	3/13/2019
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8.3.1. 802.11n HT20 MODE IN THE 5.2 GHz BAND

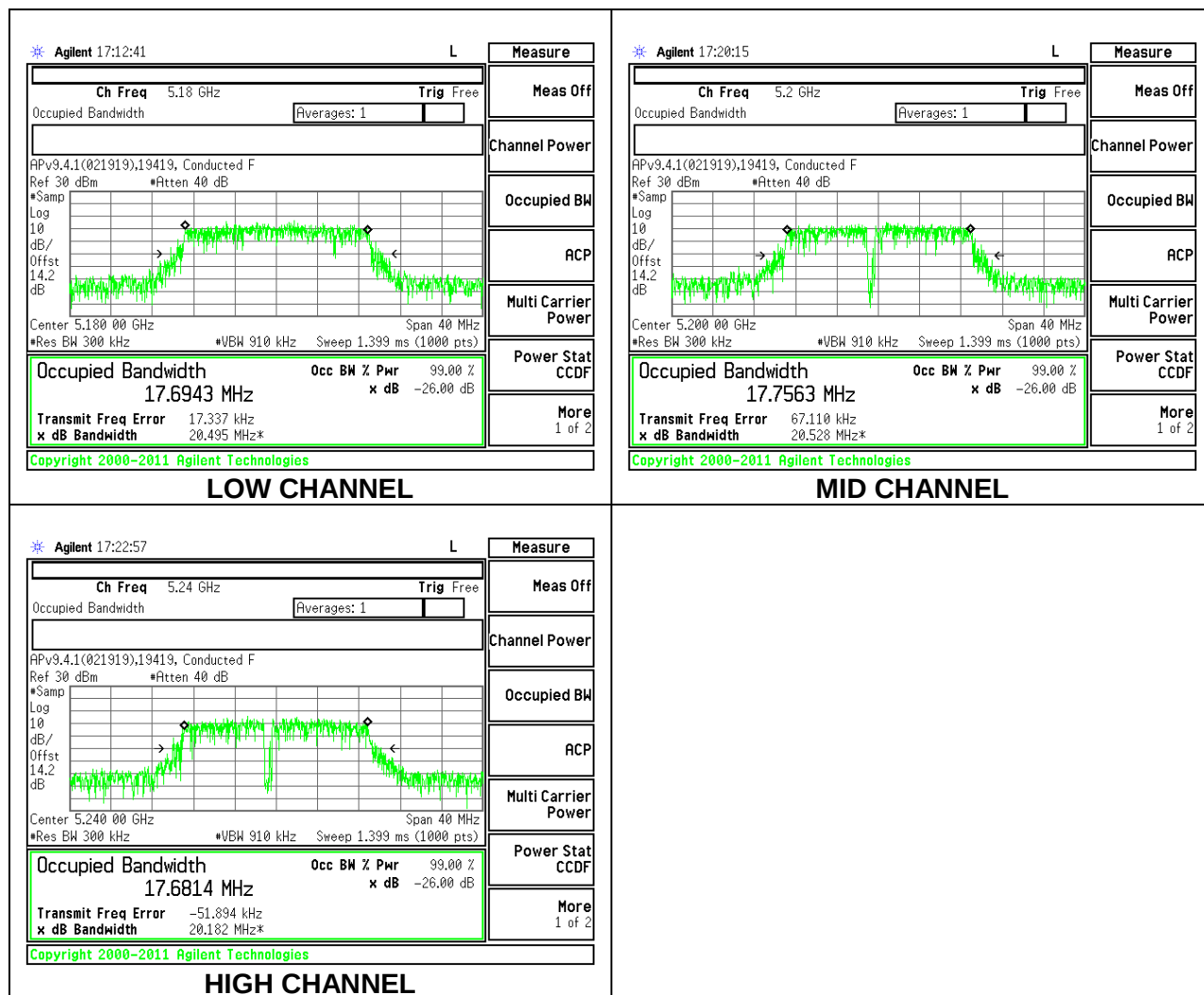
1TX Antenna 4 MODE

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5180	17.7534
Mid	5200	17.6567
High	5240	17.6049



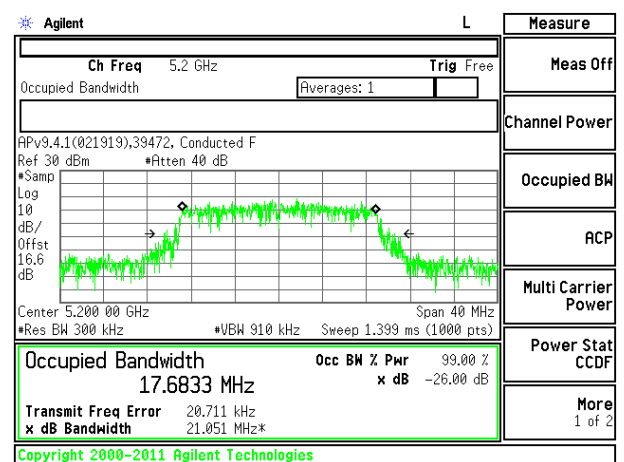
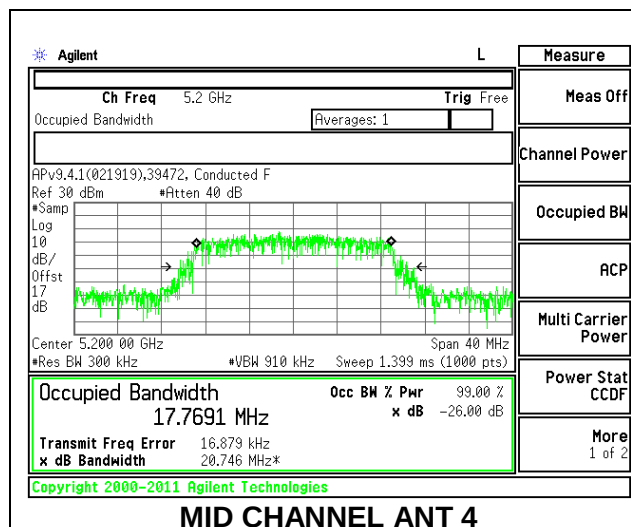
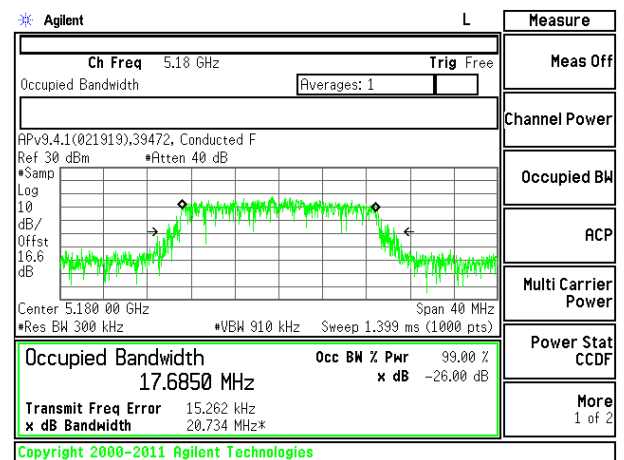
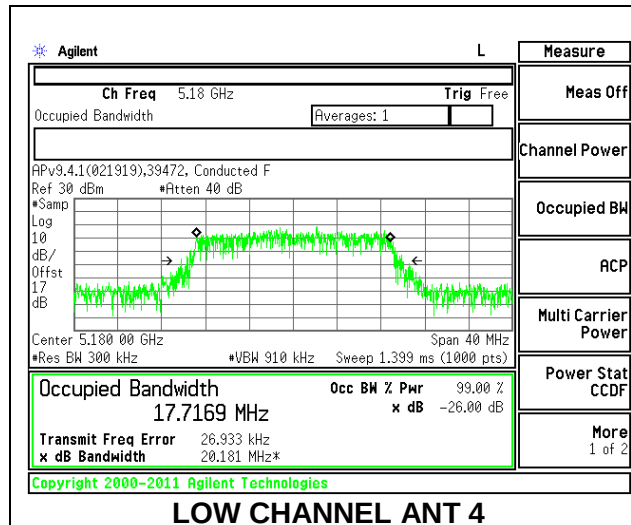
1TX Antenna 5 MODE

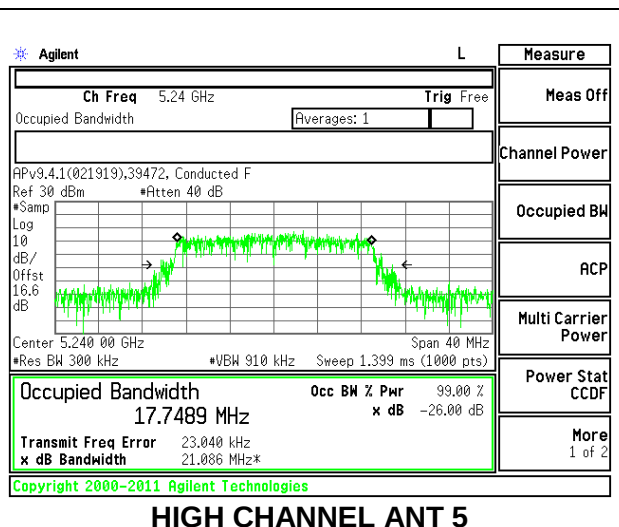
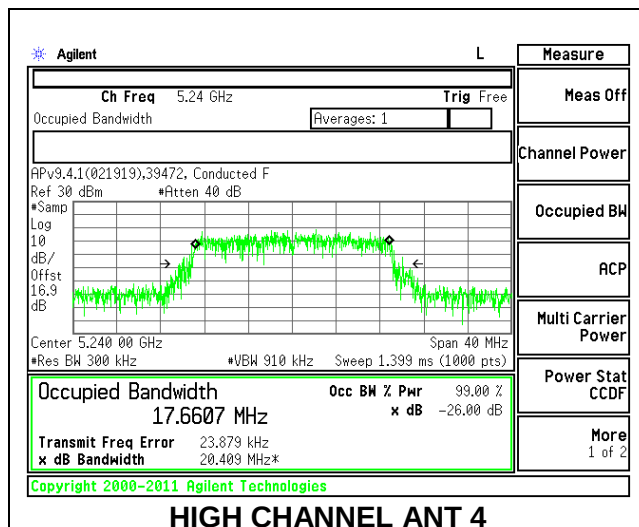
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5180	17.6943
Mid	5200	17.7563
High	5240	17.6814



2TX Antenna 4 + Antenna 5 CDD MODE

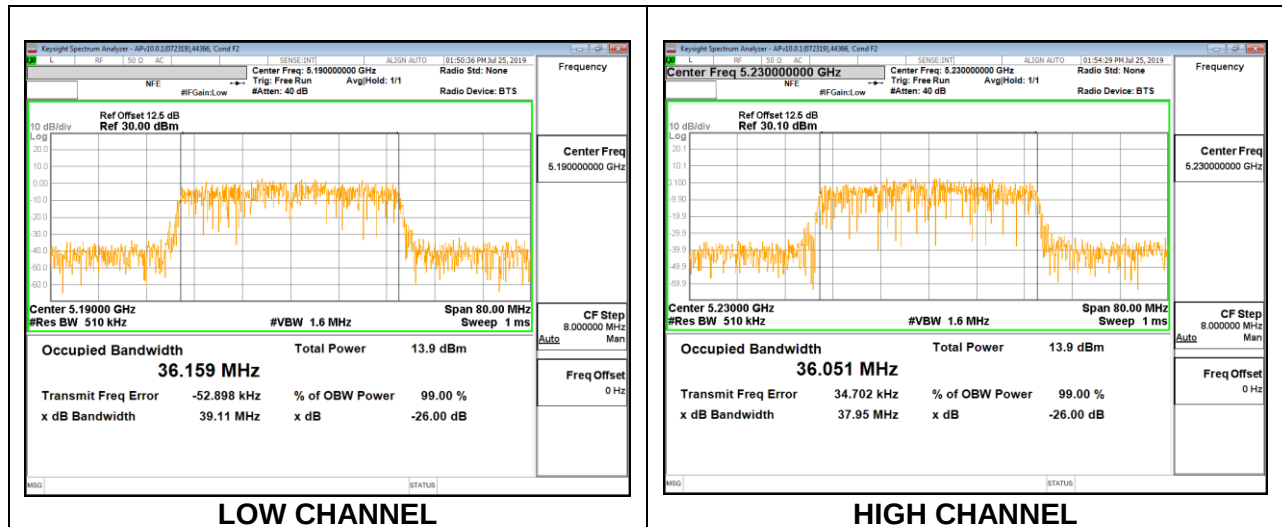
Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5180	17.7179	17.6850
Mid	5200	17.7691	17.6833
High	5240	17.6607	17.7489



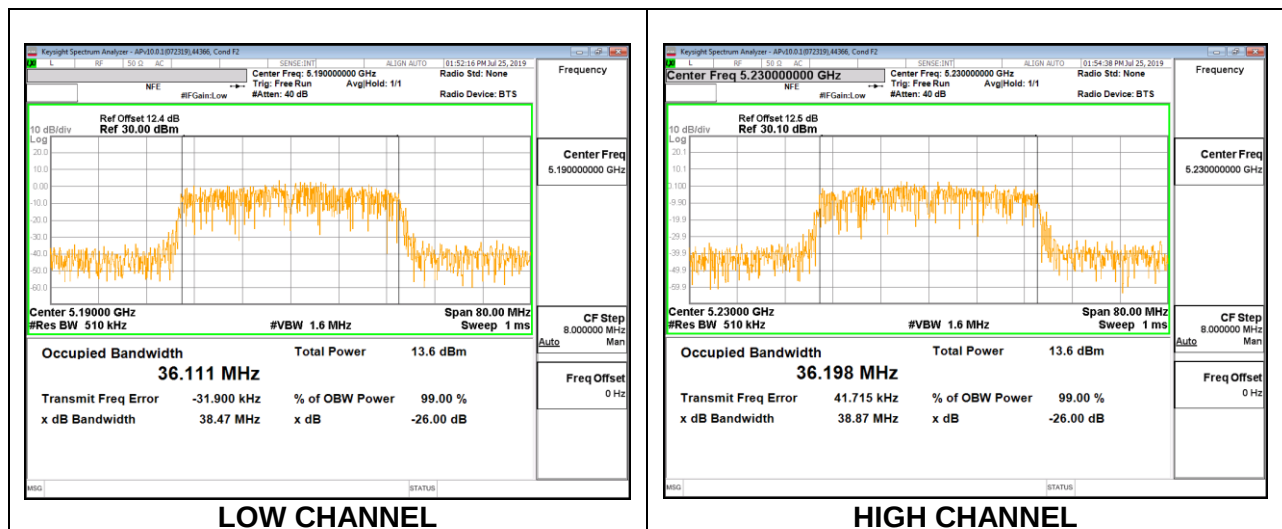


8.3.2. 802.11n HT40 MODE IN THE 5.2 GHz BAND**1TX Antenna 4 MODE**

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5190	36.1590
High	5230	36.0510

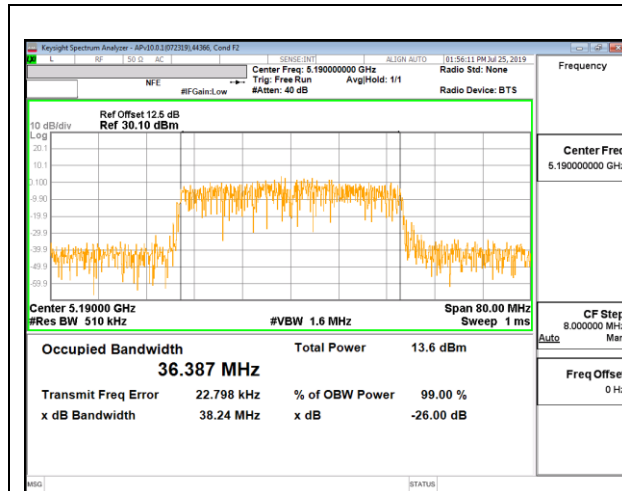
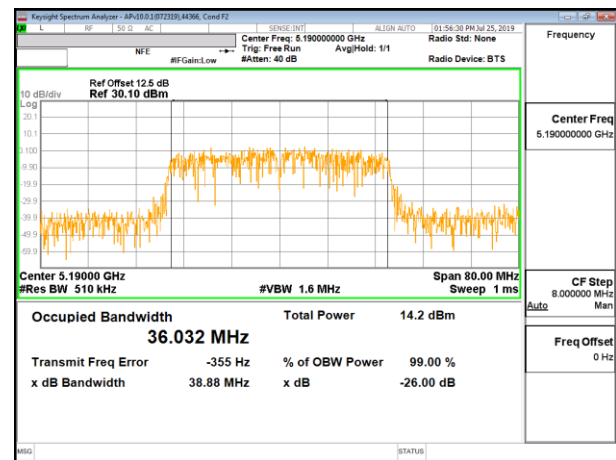
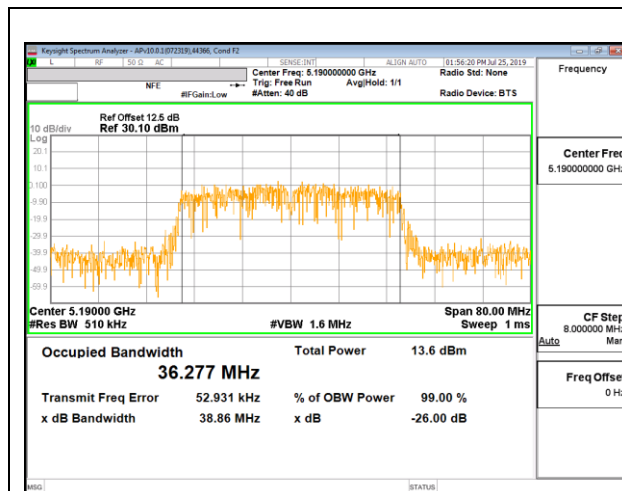
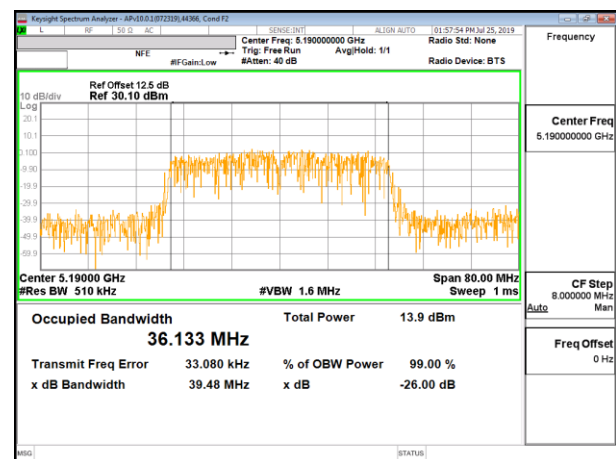
**1TX Antenna 5 MODE**

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5190	36.1110
High	5230	36.1980



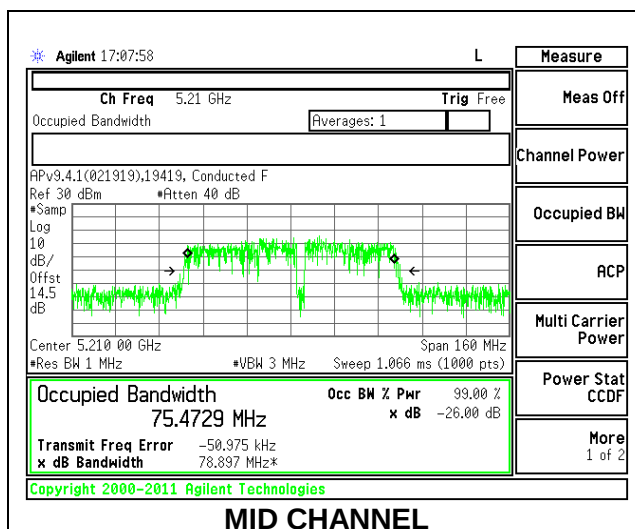
2TX Antenna 4 + Antenna 5 CDD MODE

Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5190	36.3870	36.0320
High	5230	36.2770	36.1330

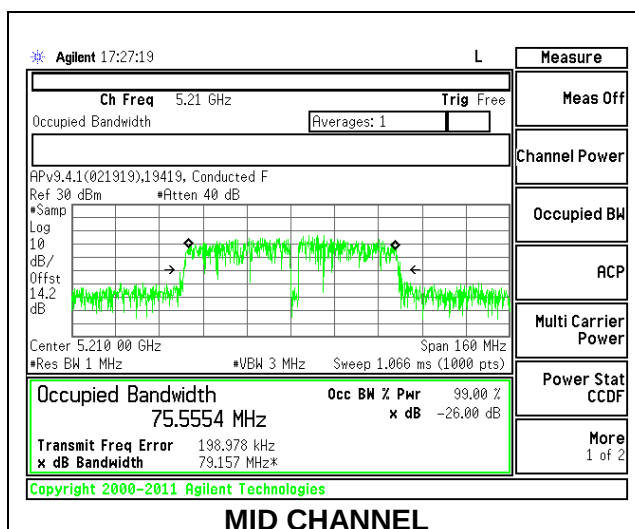
**LOW CHANNEL ANT 4****LOW CHANNEL ANT 5****HIGH CHANNEL ANT 4****HIGH CHANNEL ANT 5**

8.3.3. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND**1TX Antenna 4 MODE**

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5210	75.4729

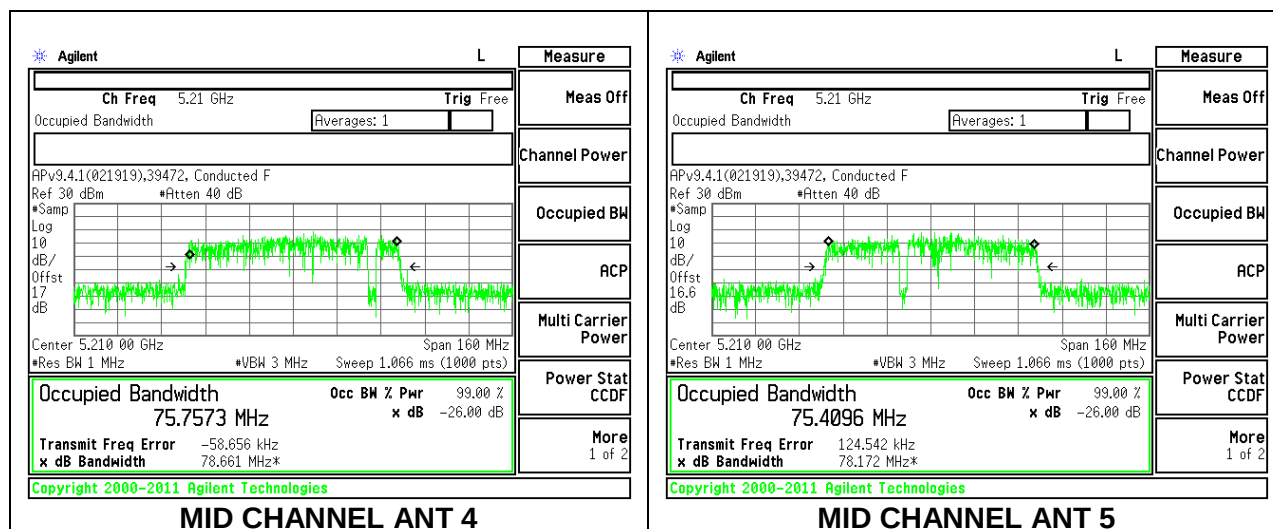
**1TX Antenna 5 MODE**

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5210	75.5554



2TX Antenna 4 + Antenna 5 CDD MODE

Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Mid	5210	75.7573	75.4096



8.3.4. 802.11ax HE20 MODE IN THE 5.2 GHZ BAND**1TX Antenna 4 MODE – 242-Tones, RU Index 61**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5180	18.9720
Mid	5200	18.9170
High	5240	18.9270



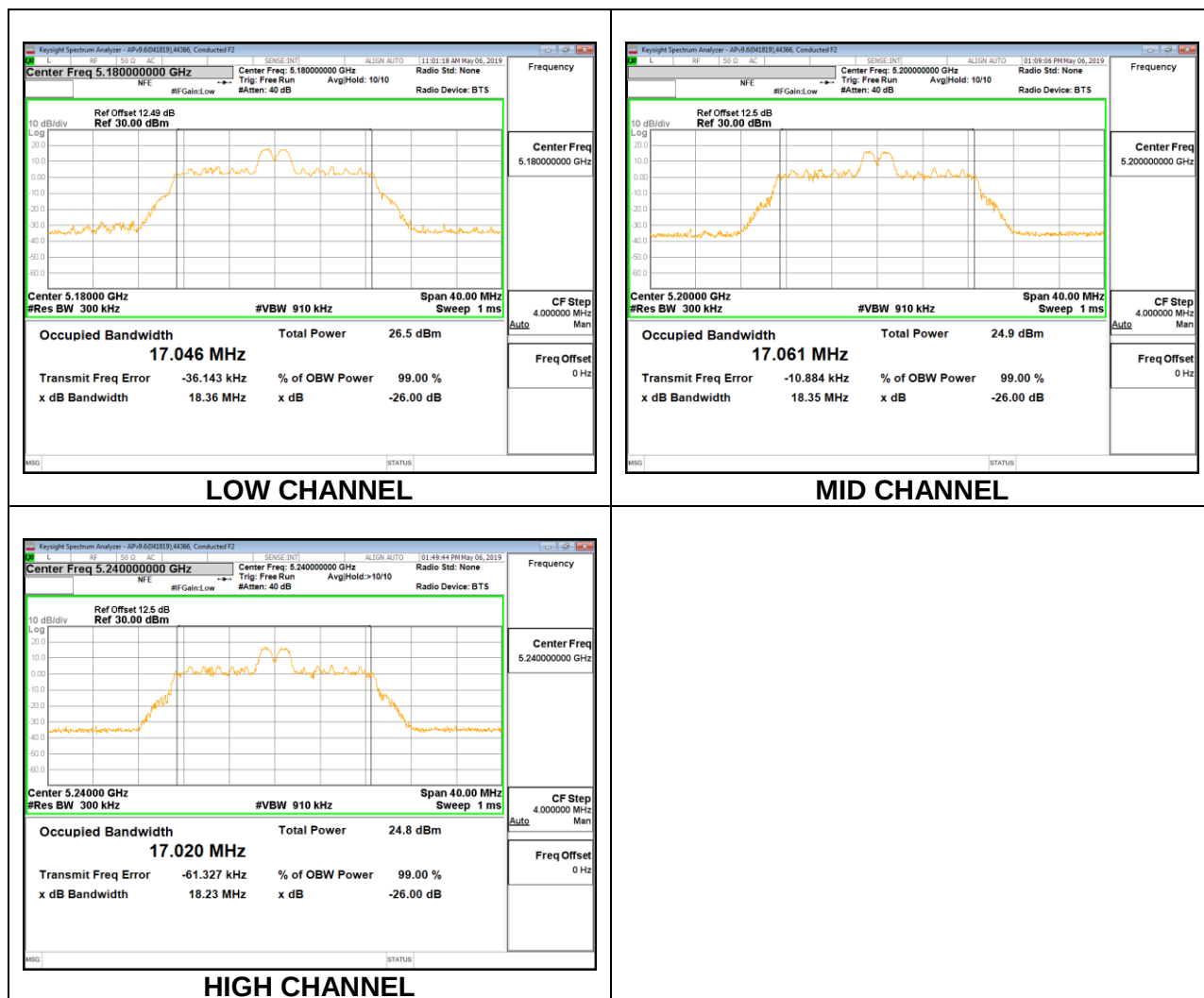
1TX Antenna 4 MODE – 26-Tones, RU Index 0

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5180	18.4110
Mid	5200	18.4240
High	5240	18.4250



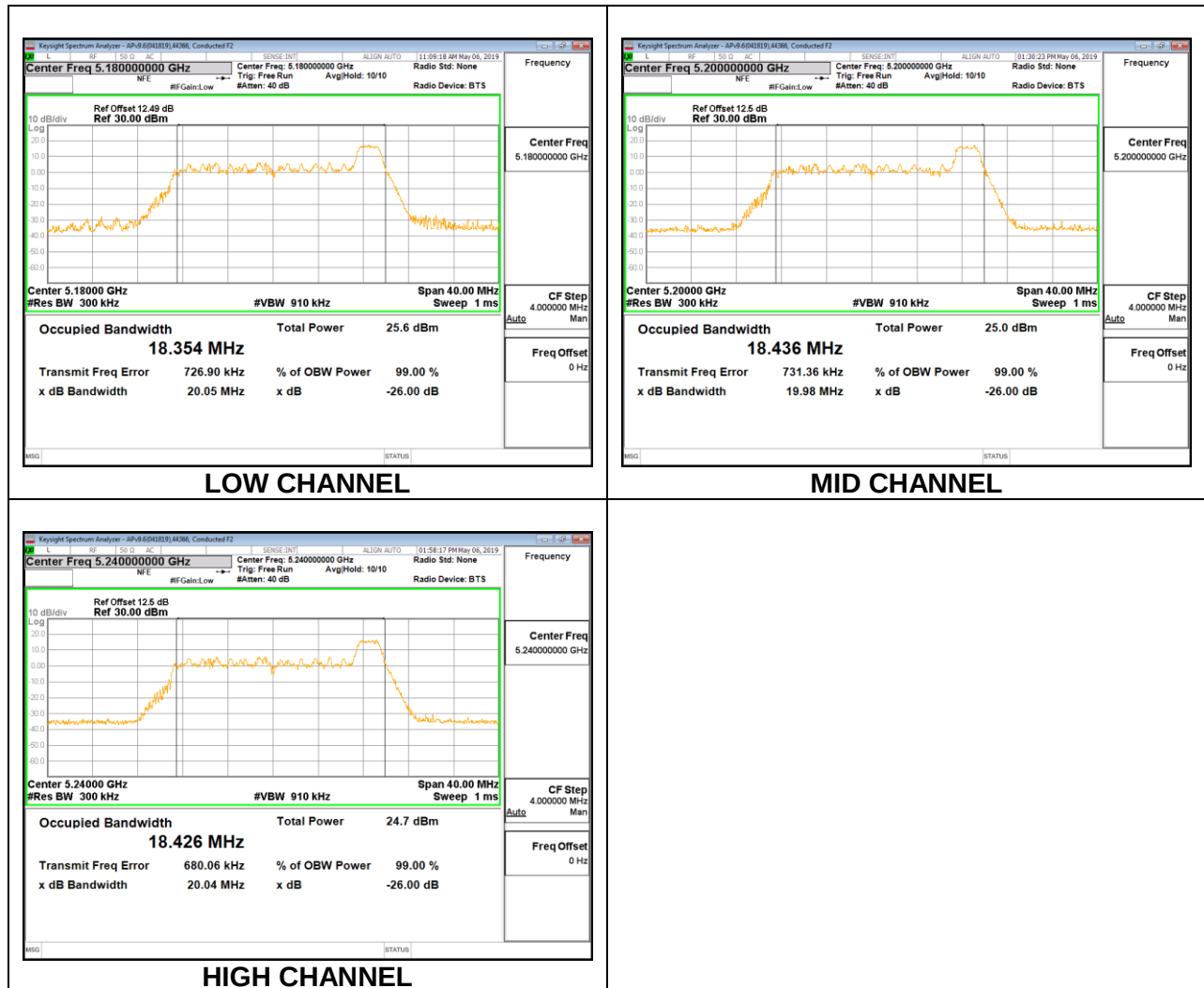
1TX Antenna 4 MODE – 26-Tones, RU Index 4

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5180	17.0460
Mid	5200	17.0610
High	5240	17.0200



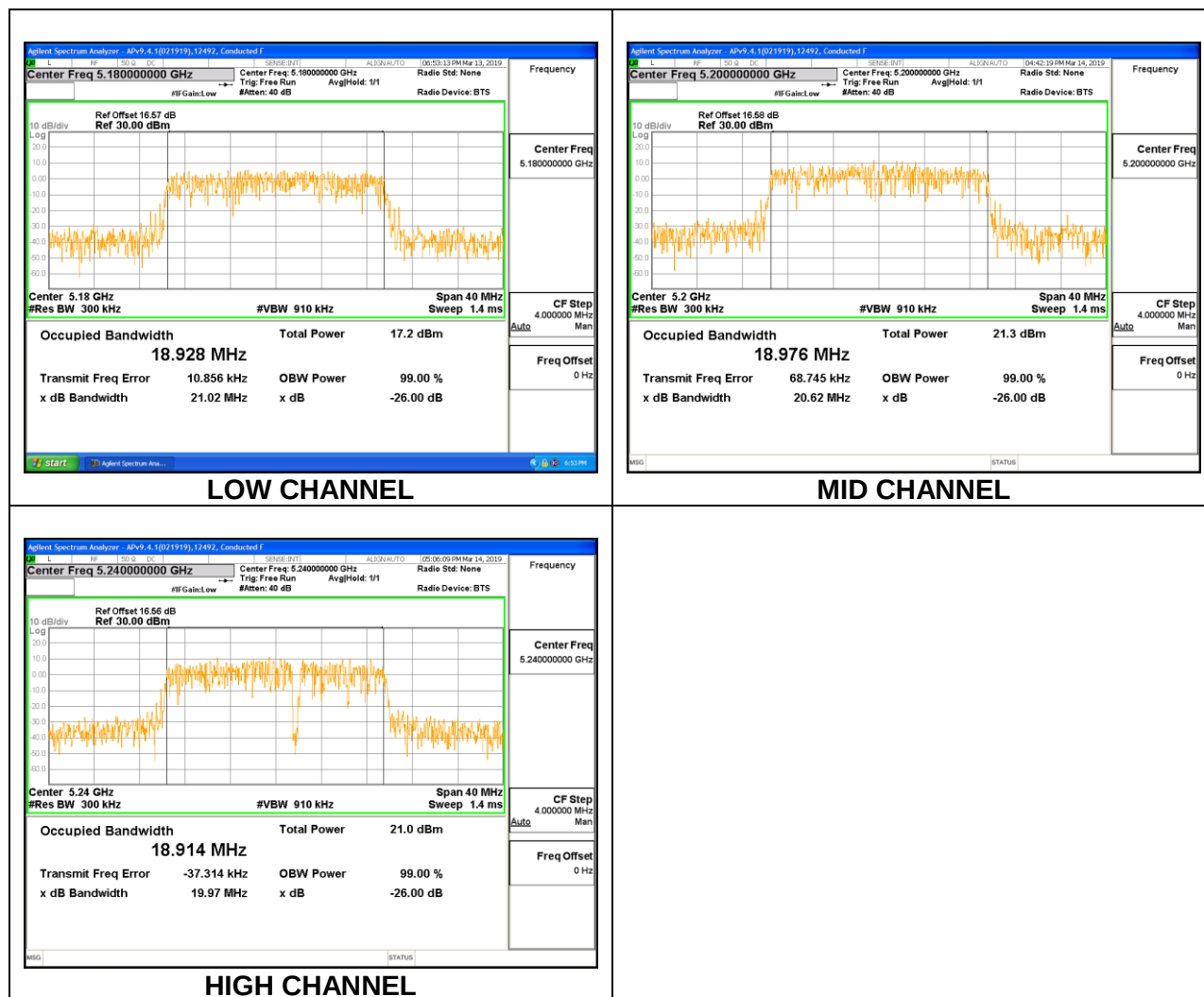
1TX Antenna 4 MODE – 26-Tones, RU Index 8

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5180	18.3540
Mid	5200	18.4360
High	5240	18.4260



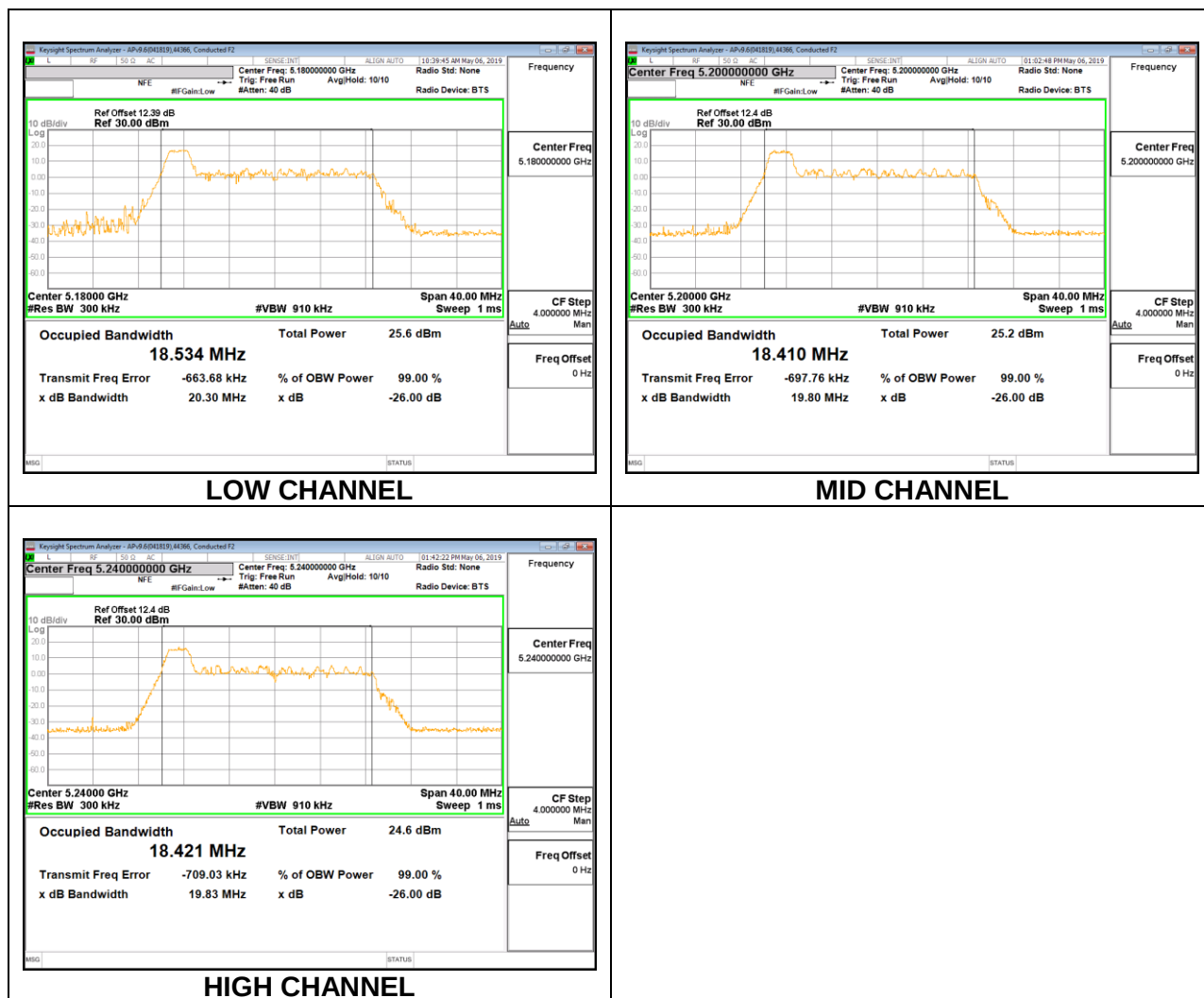
1TX Antenna 5 MODE – 242-Tones, RU Index 61

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5180	18.9280
Mid	5200	18.9760
High	5240	18.9140



1TX Antenna 5 MODE – 26-Tones, RU Index 0

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5180	18.5340
Mid	5200	18.4100
High	5240	18.4210



1TX Antenna 5 MODE – 26-Tones, RU Index 4

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5180	17.0100
Mid	5200	17.0810
High	5240	17.0560



1TX Antenna 5 MODE – 26-Tones, RU Index 8

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5180	18.4930
Mid	5200	18.4750
High	5240	18.4190



2TX Antenna 4 + Antenna 5 OFDMA MODE – 242 Tones, RU Index 61

Channel	Frequency	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5180	18.9410	18.9580
Mid	5200	18.8660	18.8250
High	5240	18.9550	18.9620

