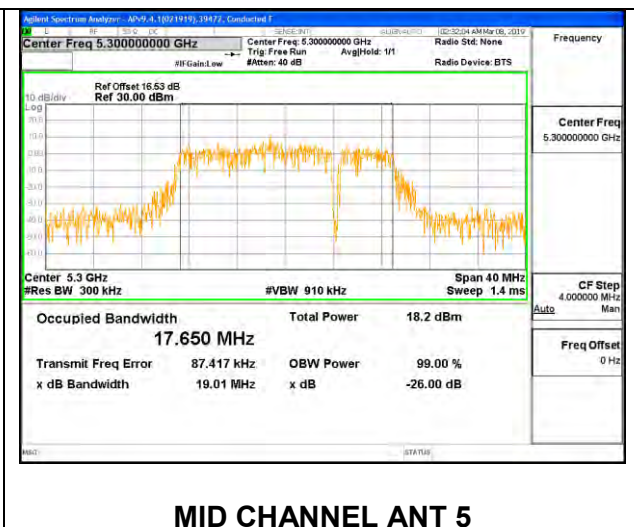
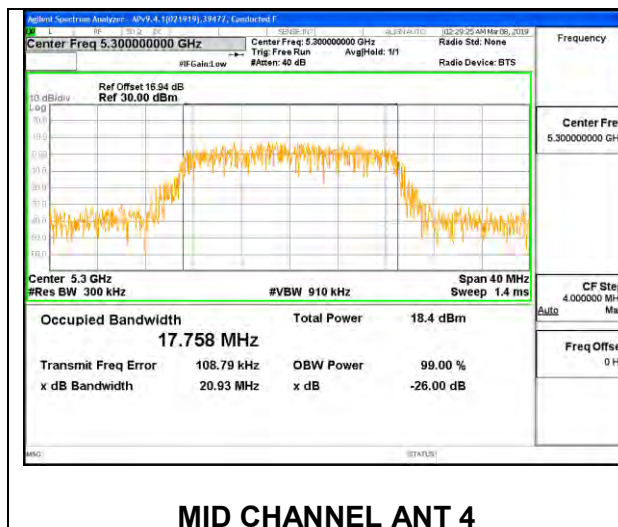
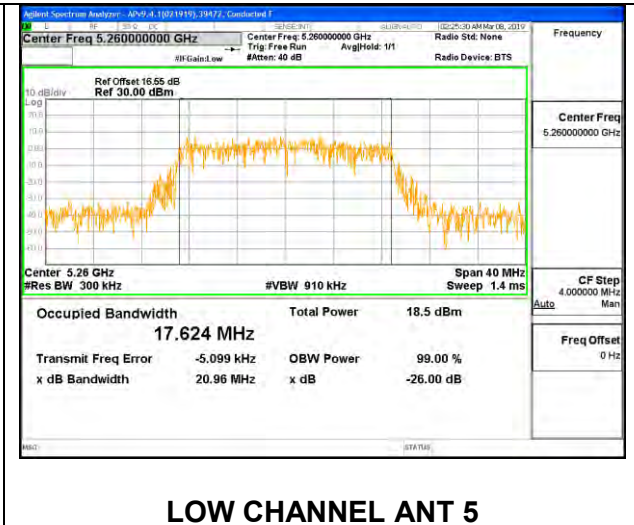
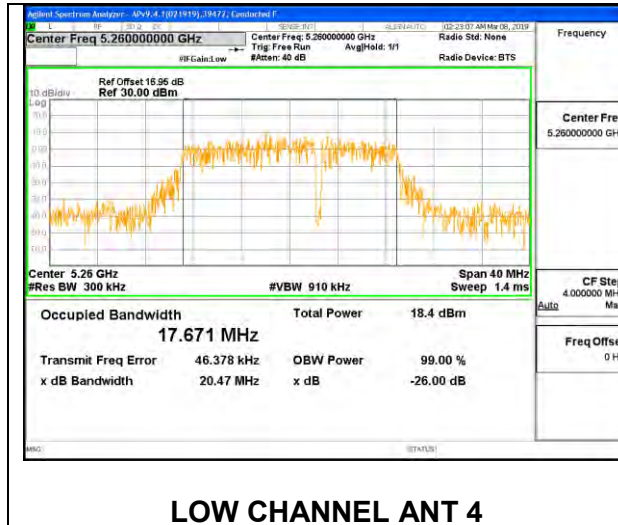


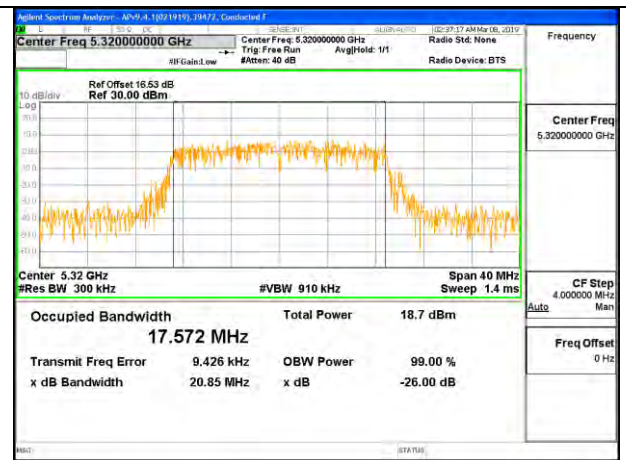
2TX Antenna 4 + Antenna 5 CDD MODE

Channel	Frequency	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5260	17.6710	17.6240
Mid	5300	17.7580	17.6500
High	5320	17.8020	17.5720





HIGH CHANNEL ANT 4

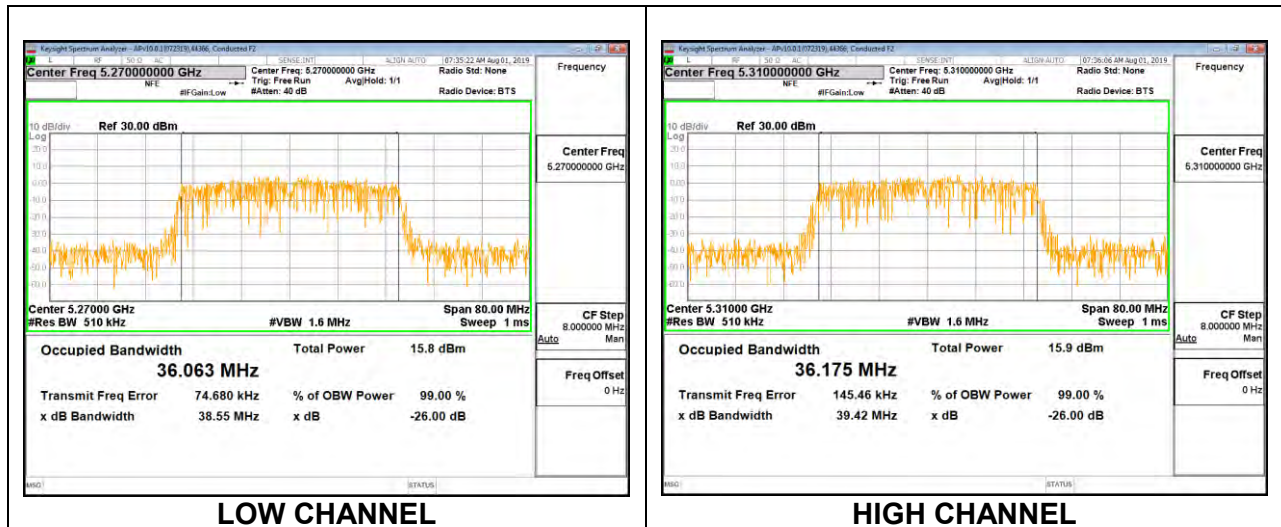


HIGH CHANNEL ANT 5

8.3.8. 1802.11n HT40 MODE IN THE 5.3 GHz BAND

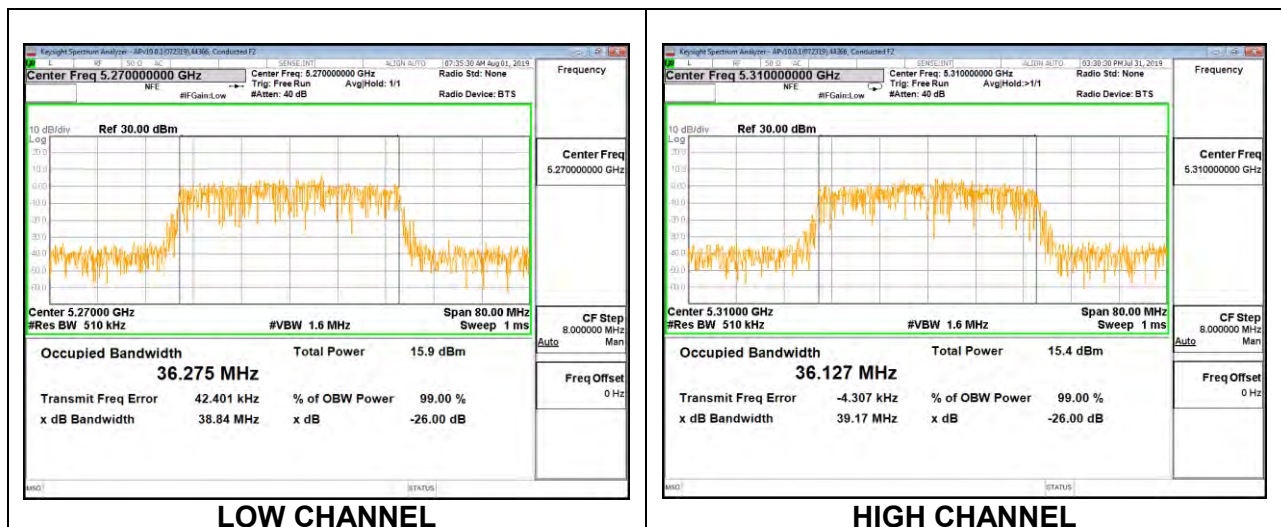
1TX Antenna 4 MODE

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5270	36.0630
High	5310	36.1750



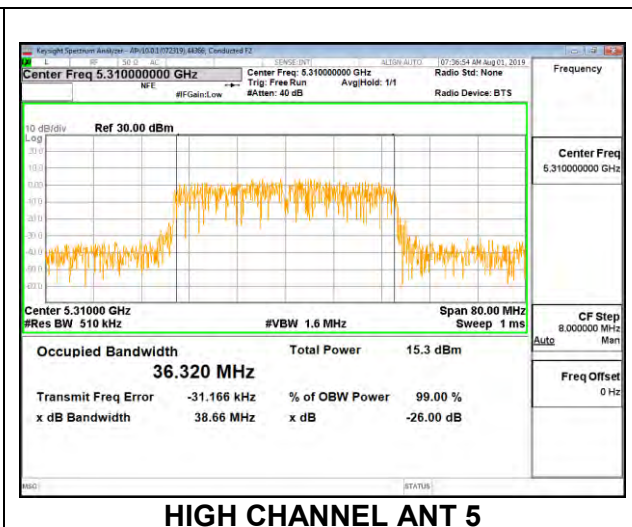
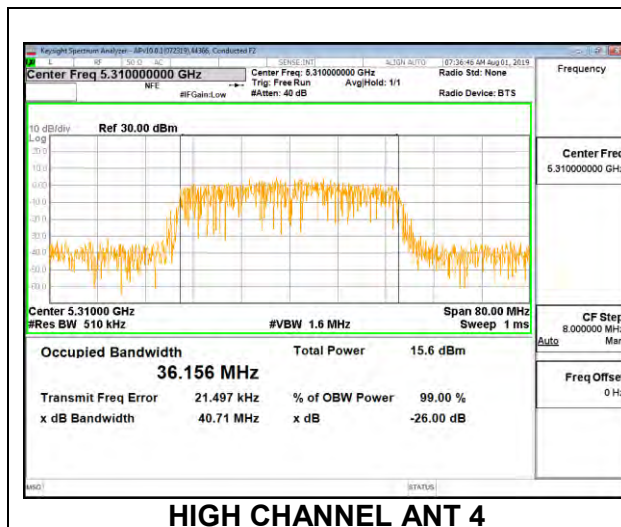
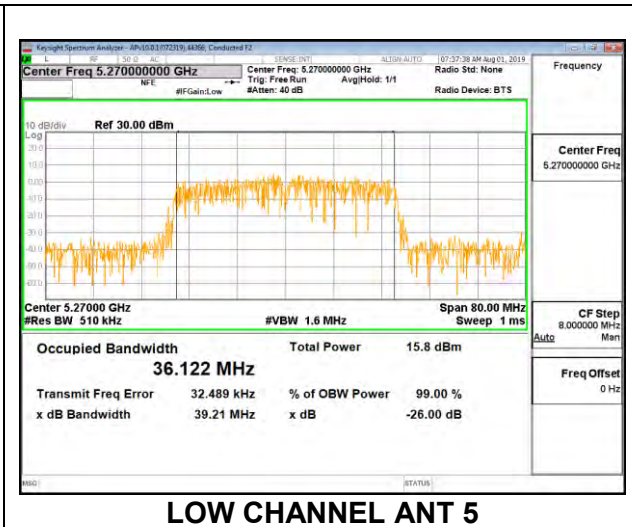
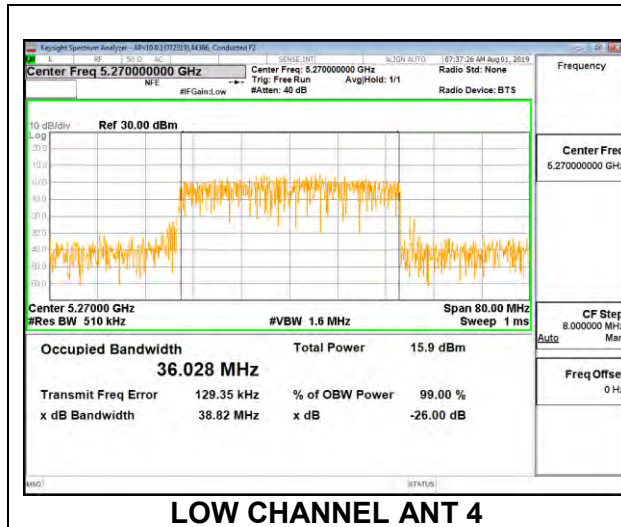
1TX Antenna 5 MODE

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5270	36.2750
High	5310	36.1270



2TX Antenna 4 + Antenna 5 CDD MODE

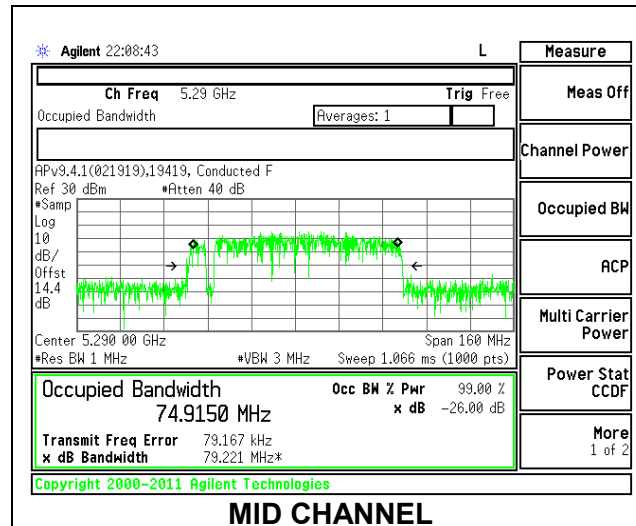
Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5270	36.0280	36.1220
High	5310	36.1560	36.3200



8.3.9. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

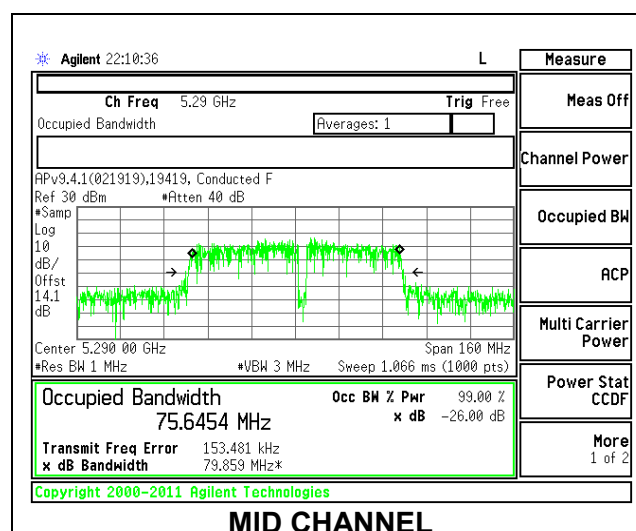
1TX Antenna 4 MODE

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5290	74.9150



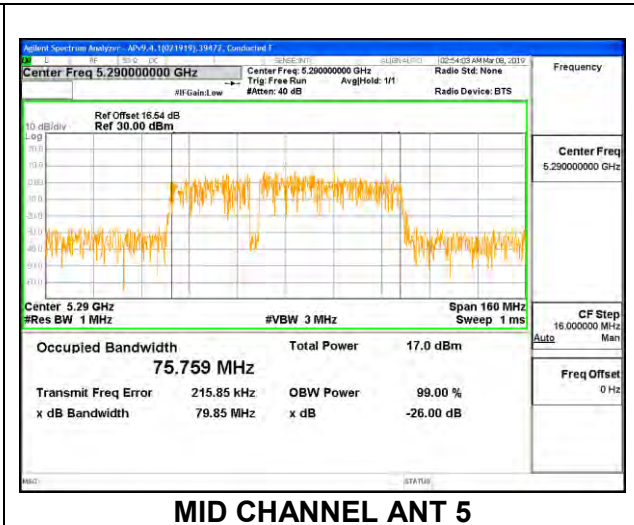
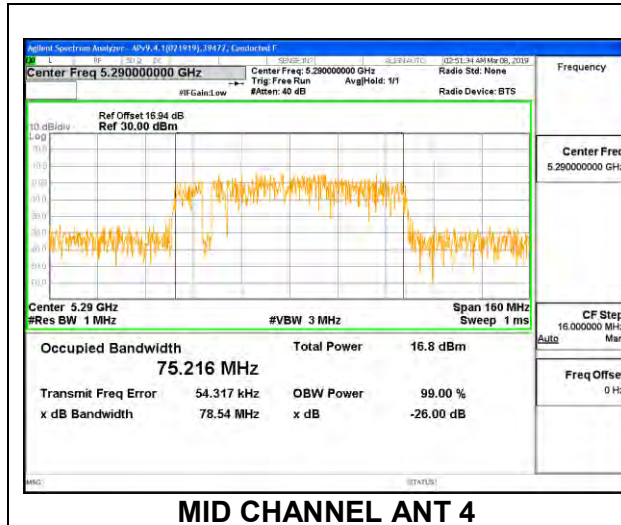
1TX Antenna 5 MODE

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5290	75.6454



2TX Antenna 4 + Antenna 5 CDD MODE

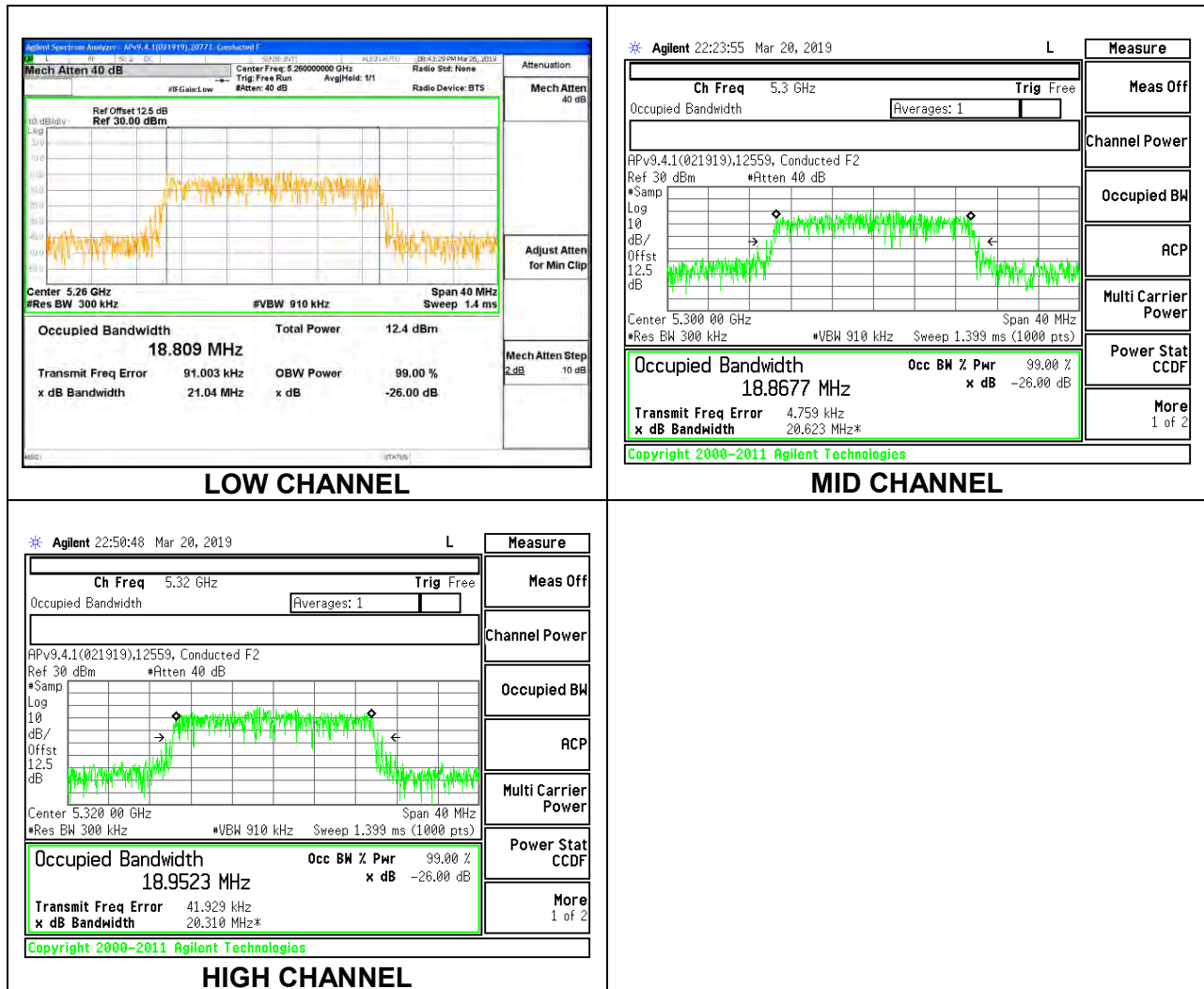
Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Mid	5290	75.2160	75.7590



8.3.10. 802.11ax HE20 MODE IN THE 5.3 GHz BAND

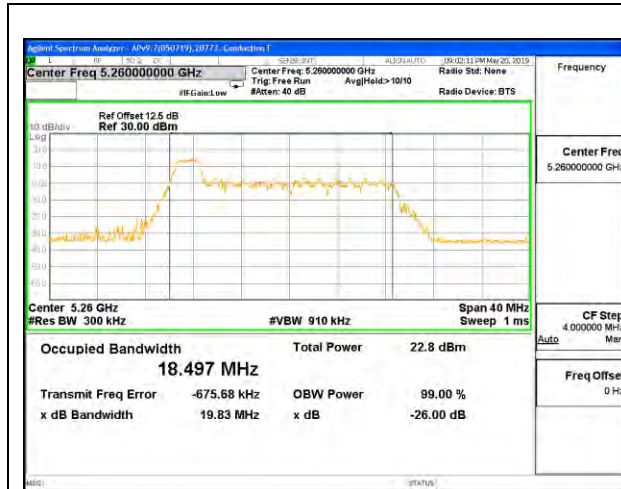
1TX Antenna 4 MODE – 242 Tones, RU Index 61

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5260	18.8090
Mid	5300	18.8677
High	5320	18.9523

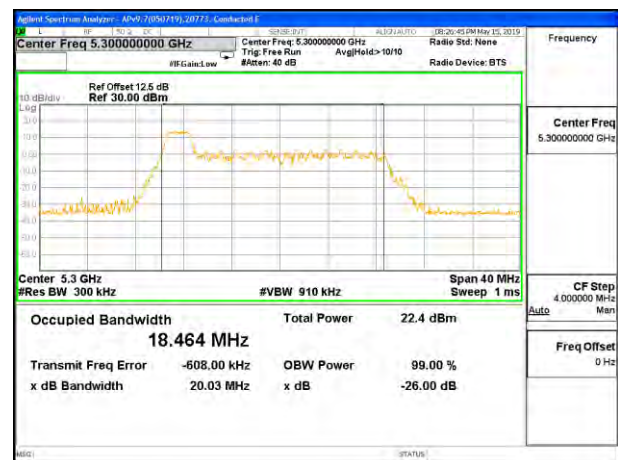


1TX Antenna 4 MODE – 26 Tones, RU Index 0

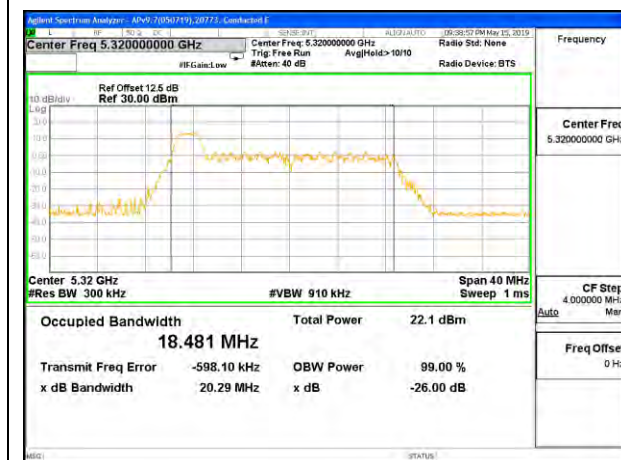
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5260	18.4970
Mid	5300	18.4640
High	5320	18.4810



LOW CHANNEL



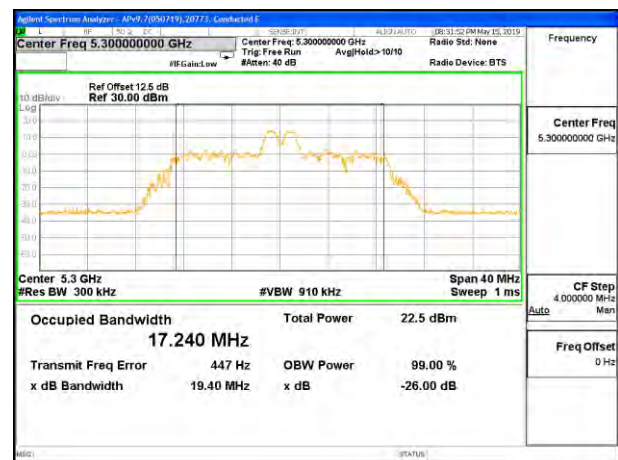
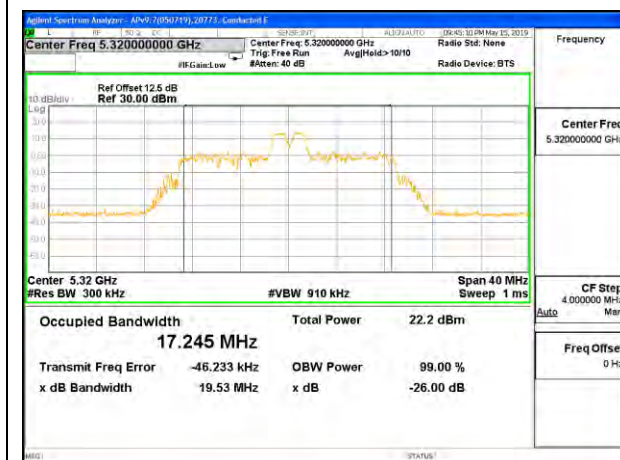
MID CHANNEL



HIGH CHANNEL

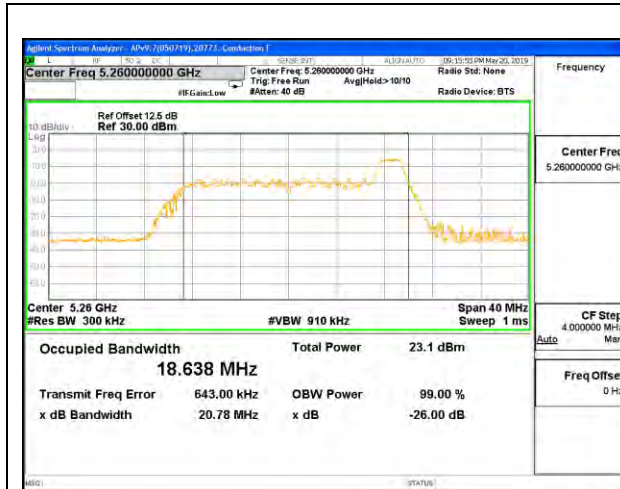
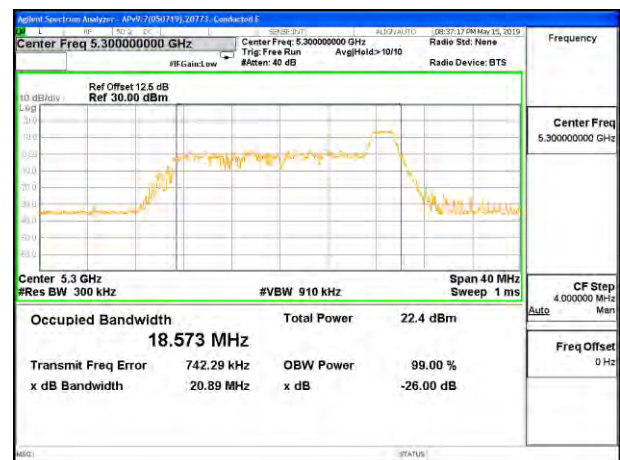
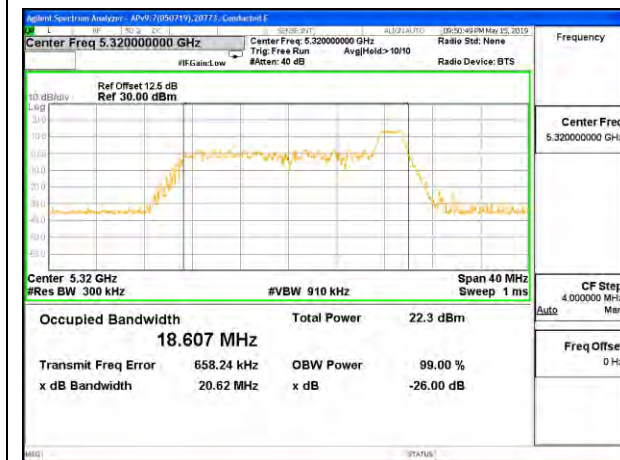
1TX Antenna 4 MODE – 26 Tones, RU Index 4

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5260	17.2710
Mid	5300	17.2400
High	5320	17.2450

**LOW CHANNEL****MID CHANNEL****HIGH CHANNEL**

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

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5260	18.6380
Mid	5300	18.5730
High	5320	18.6070

**LOW CHANNEL****MID CHANNEL****HIGH CHANNEL**

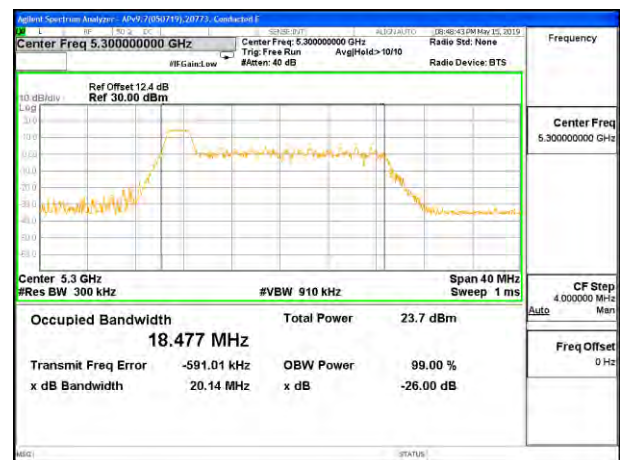
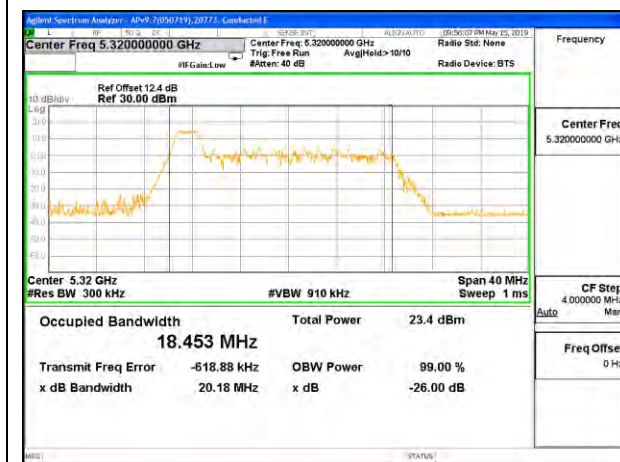
1TX Antenna 5 MODE – 242 Tones, RU Index 61

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5260	18.9720
Mid	5300	18.9030
High	5320	18.8670

**LOW CHANNEL****MID CHANNEL****HIGH CHANNEL**

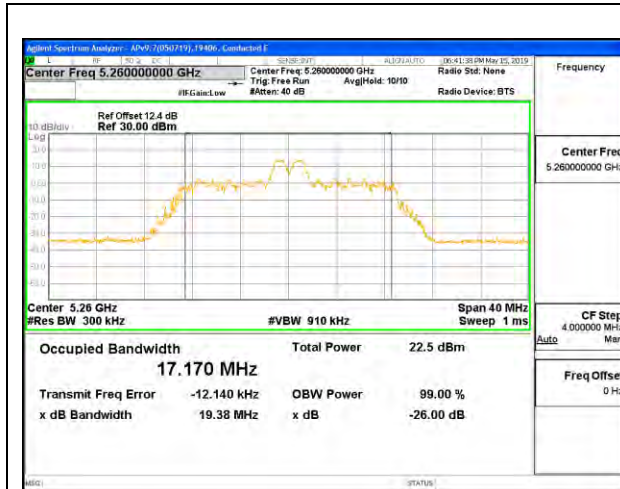
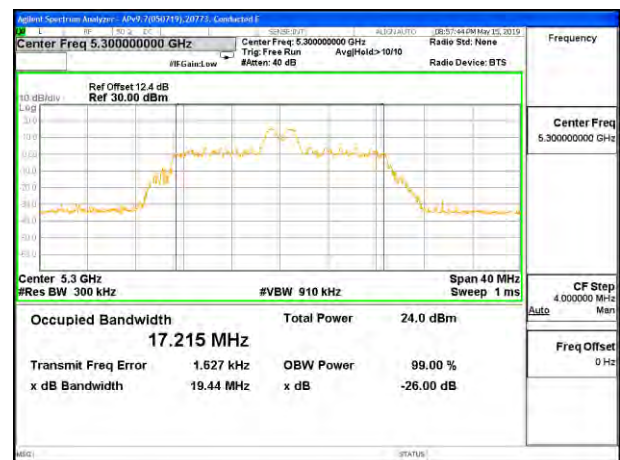
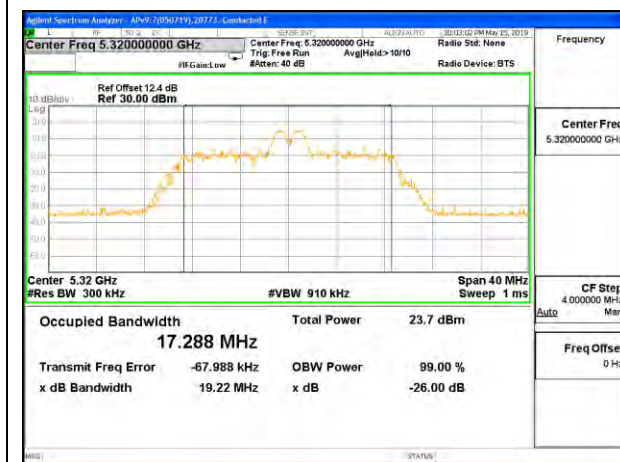
1TX Antenna 5 MODE – 26 Tones, RU Index 0

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5260	18.3750
Mid	5300	18.4770
High	5320	18.4530

**LOW CHANNEL****MID CHANNEL****HIGH CHANNEL**

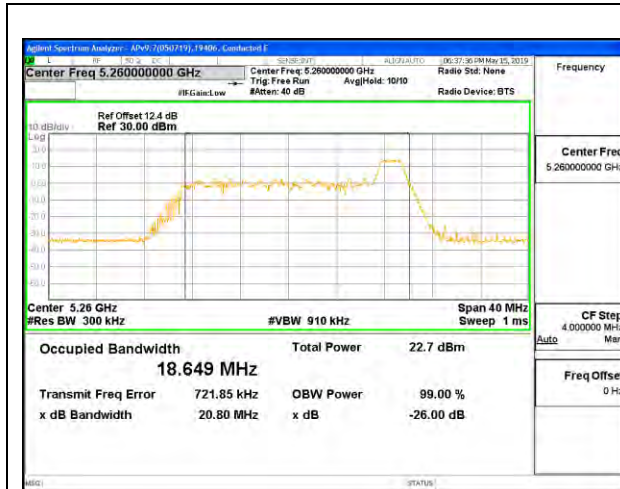
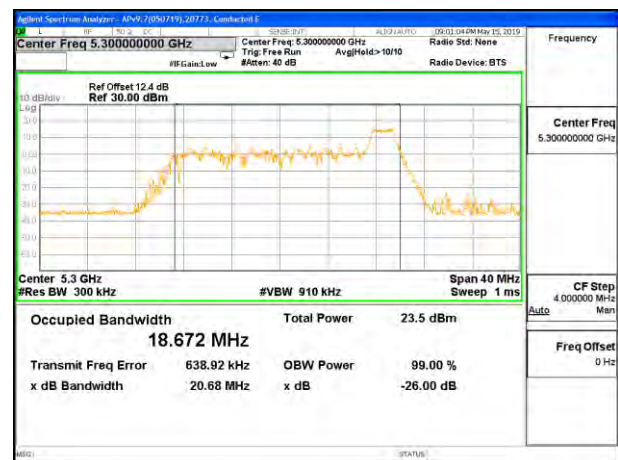
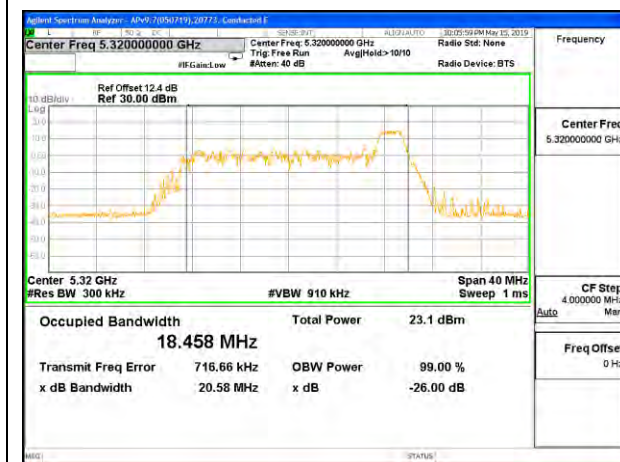
1TX Antenna 5 MODE – 26 Tones, RU Index 4

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5260	17.1700
Mid	5300	17.2150
High	5320	17.2880

**LOW CHANNEL****MID CHANNEL****HIGH CHANNEL**

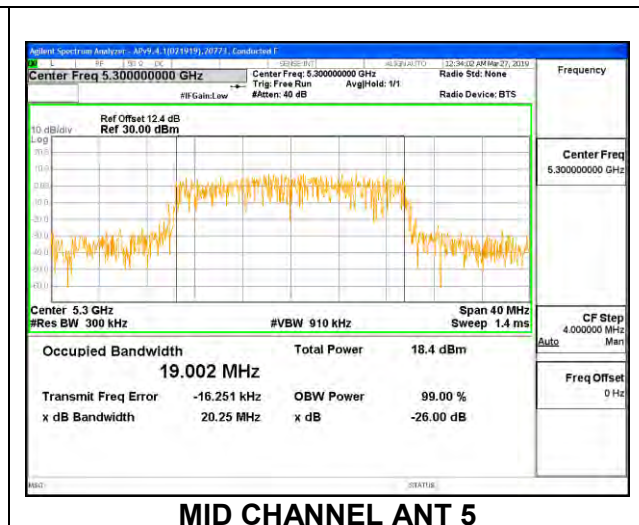
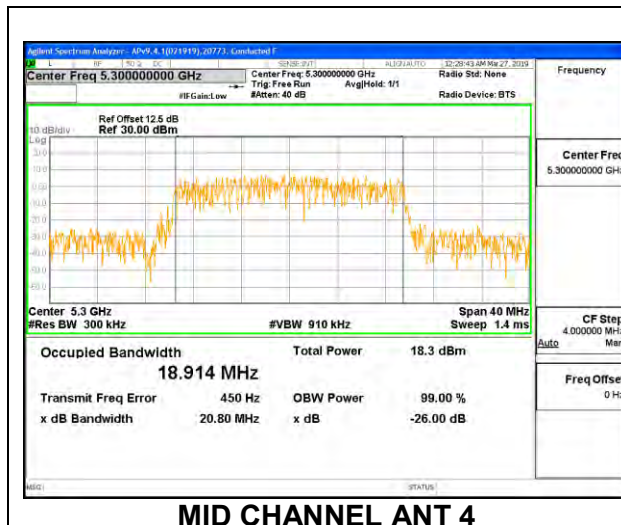
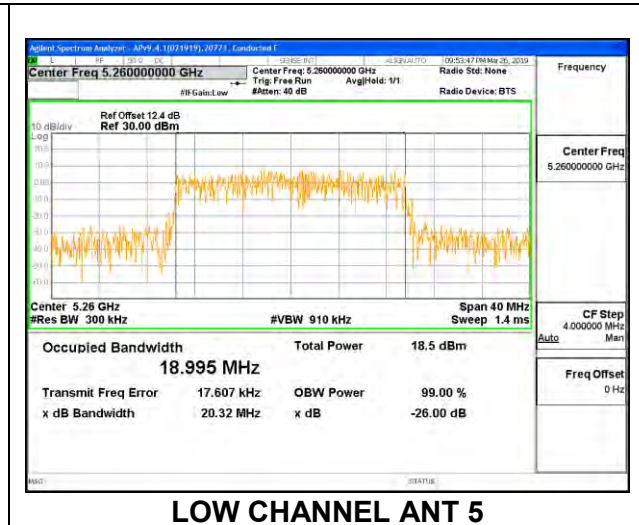
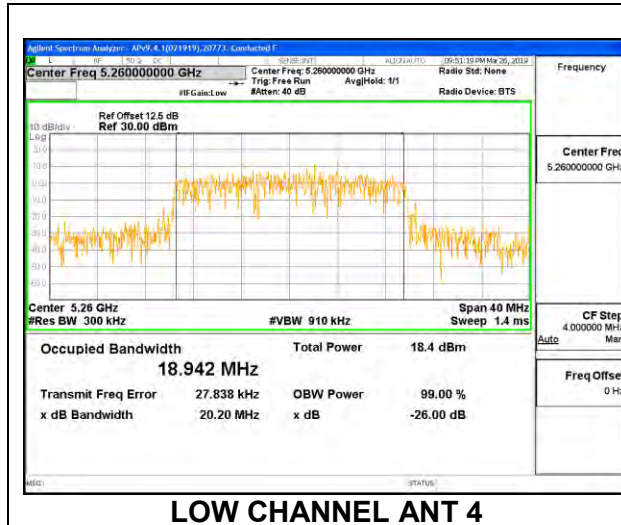
1TX Antenna 5 MODE – 26 Tones, RU Index 8

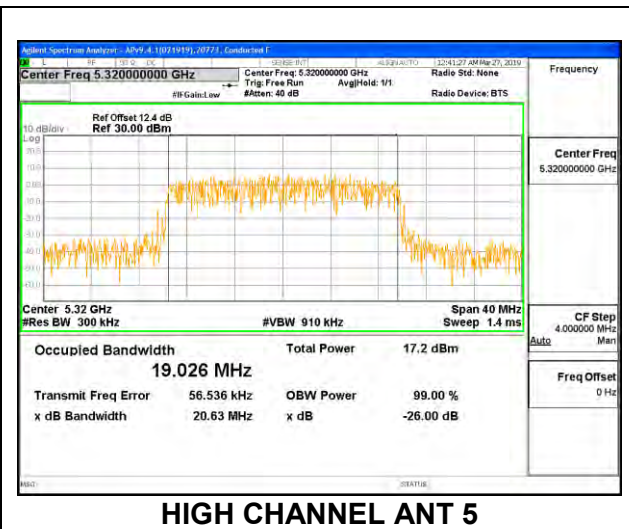
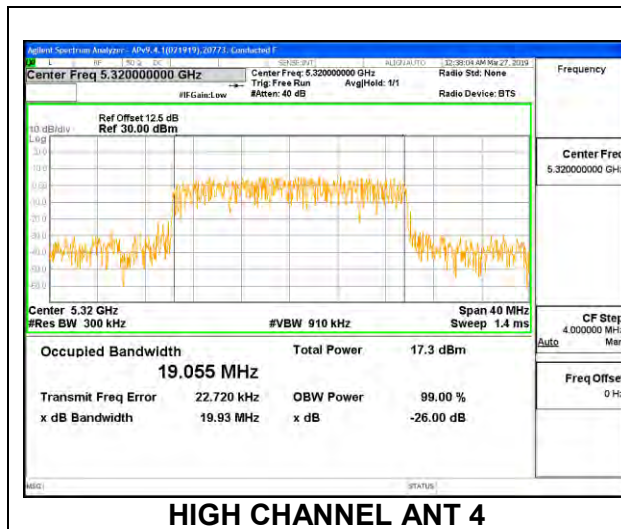
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5260	18.6490
Mid	5300	18.6720
High	5320	18.4580

**LOW CHANNEL****MID CHANNEL****HIGH CHANNEL**

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

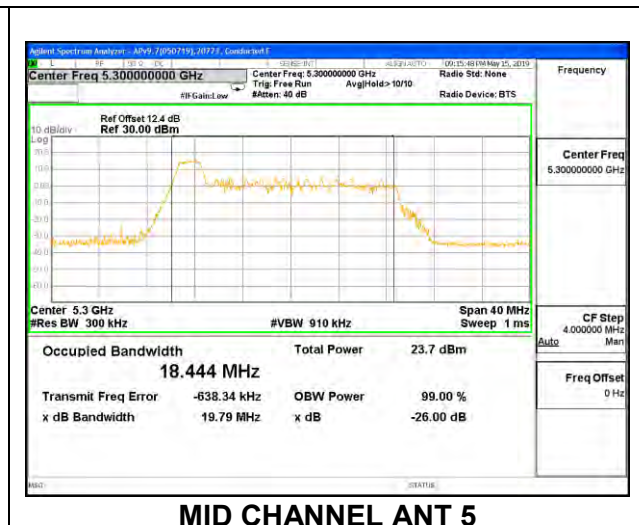
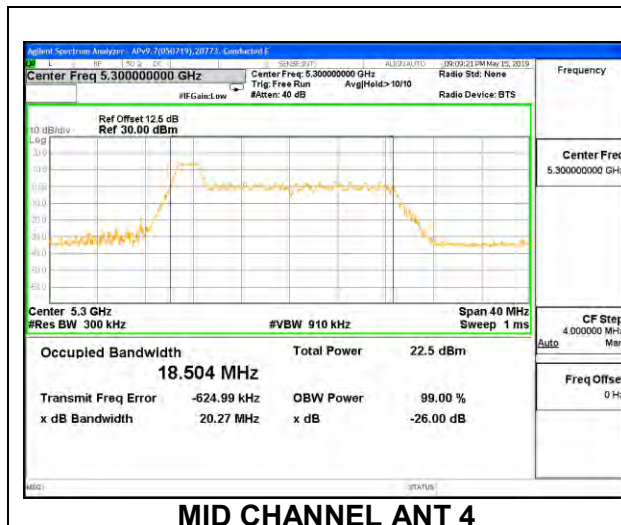
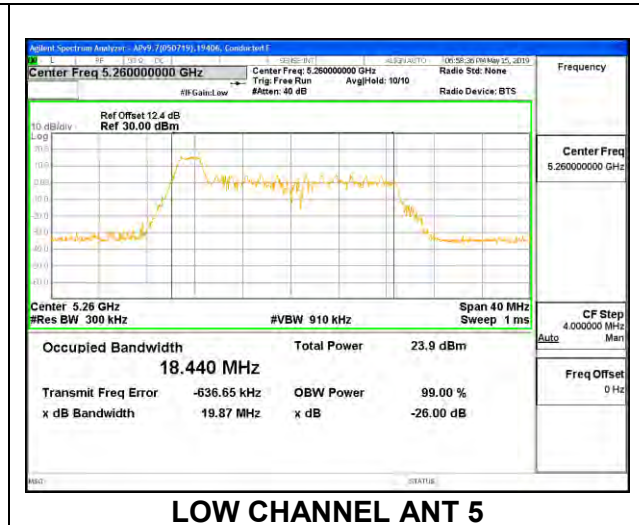
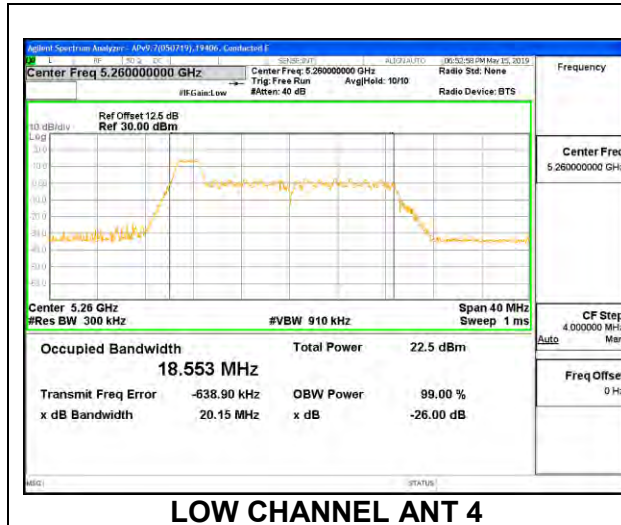
Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5260	18.9420	18.9950
Mid	5300	18.9140	19.0020
High	5320	19.0550	19.0260

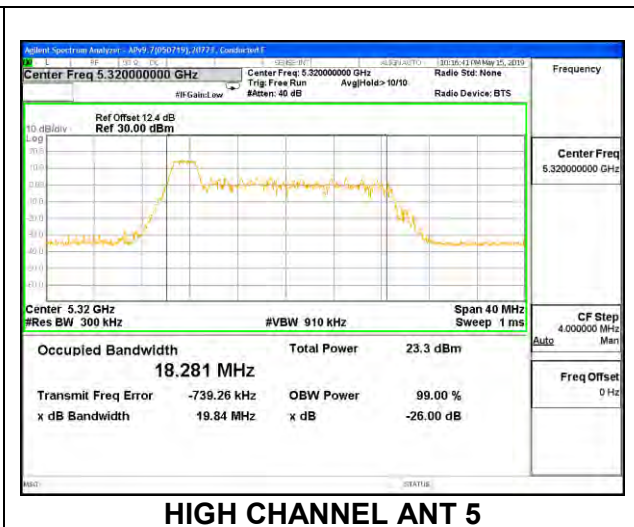
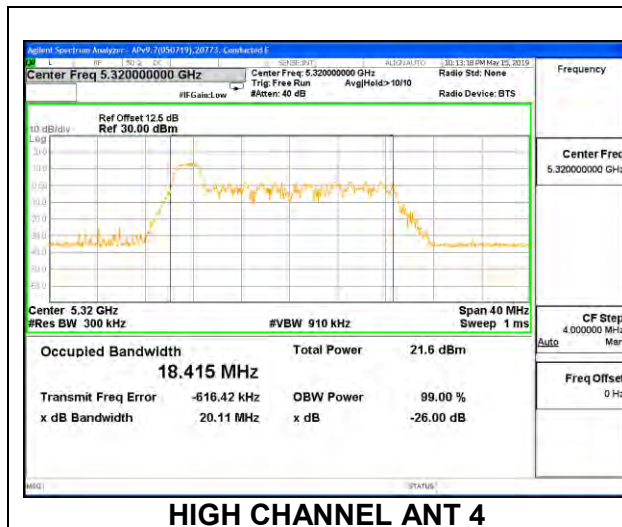




2TX Antenna 4 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 0

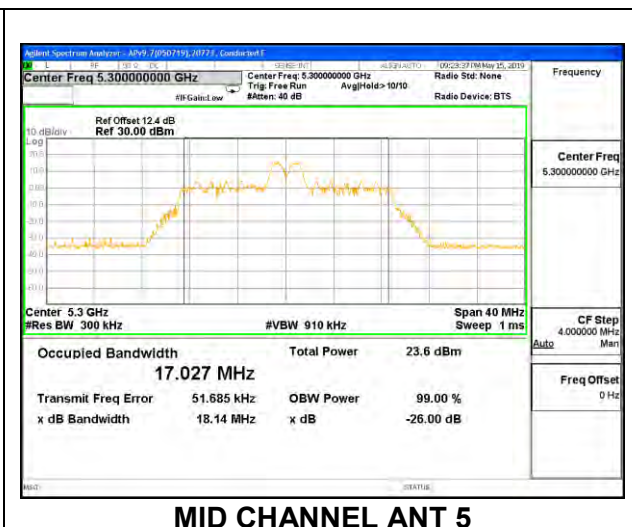
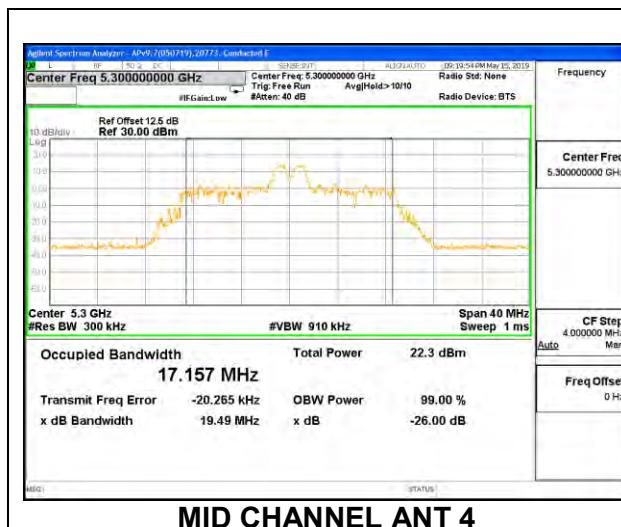
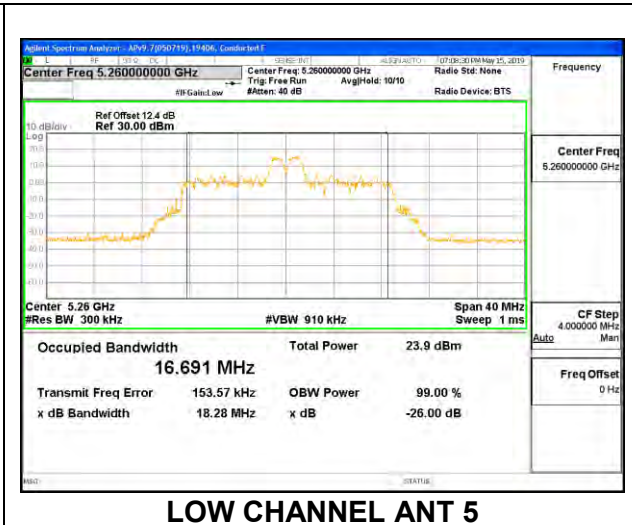
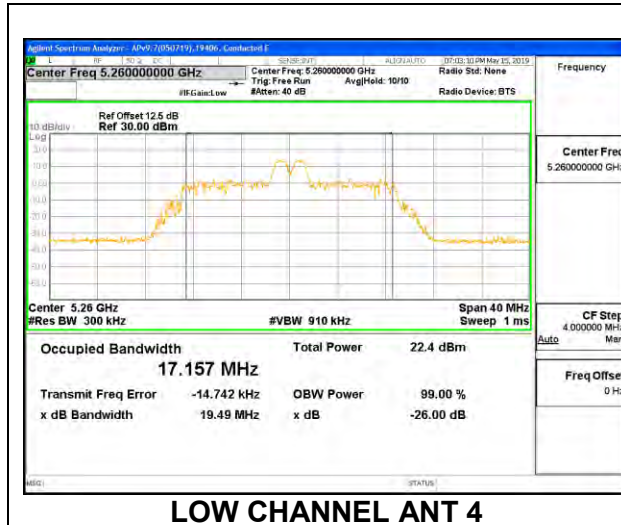
Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5260	18.5530	18.4400
Mid	5300	18.5040	18.4440
High	5320	18.4150	18.2810

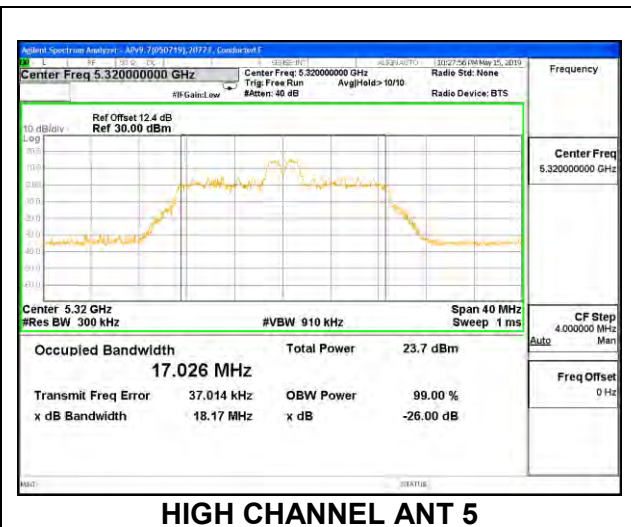
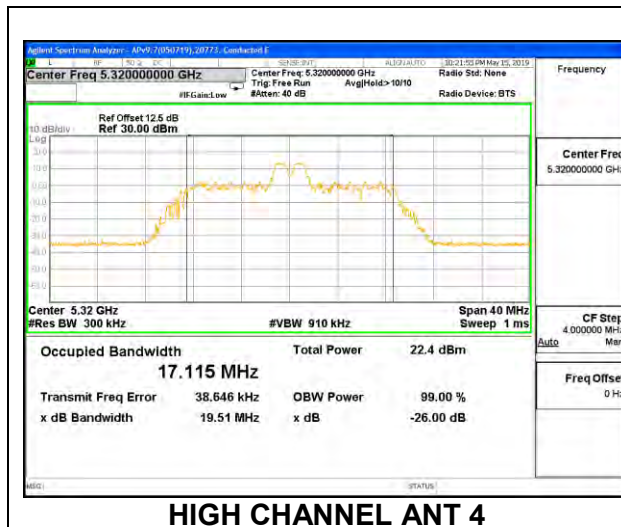




2TX Antenna 4 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 4

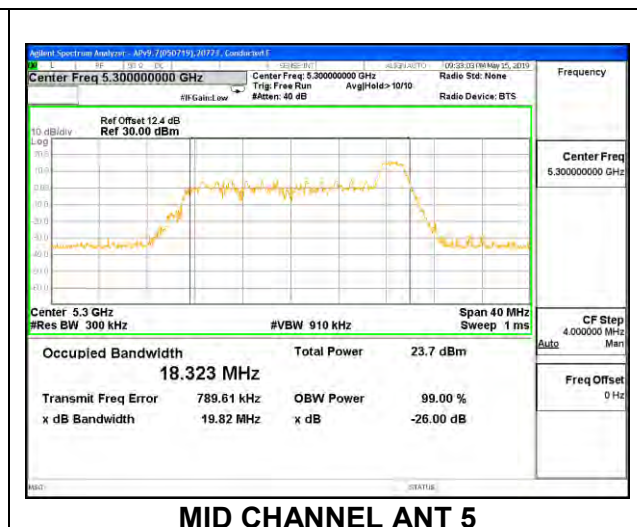
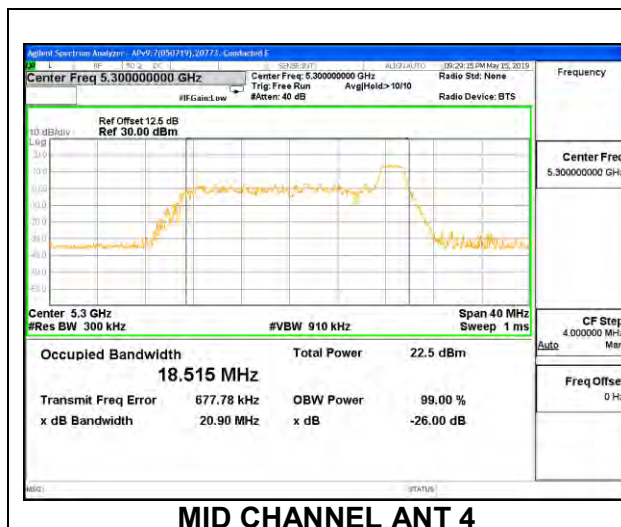
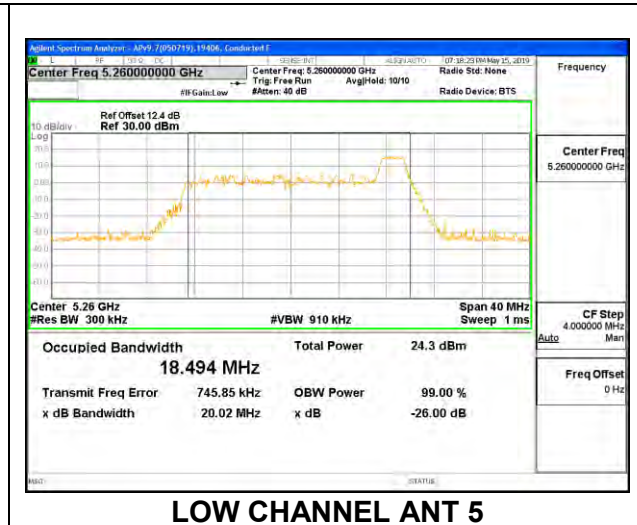
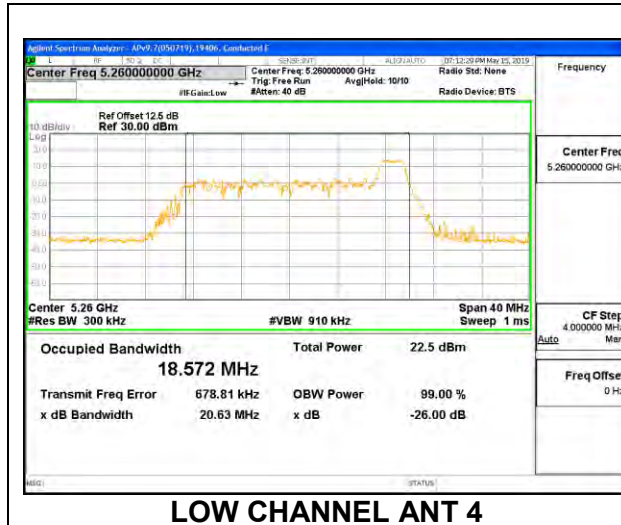
Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5260	17.1570	16.6910
Mid	5300	17.1570	17.0270
High	5320	17.1150	17.0260

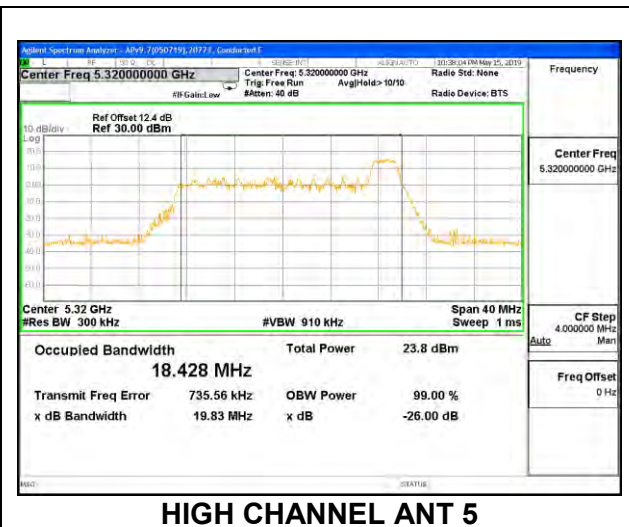
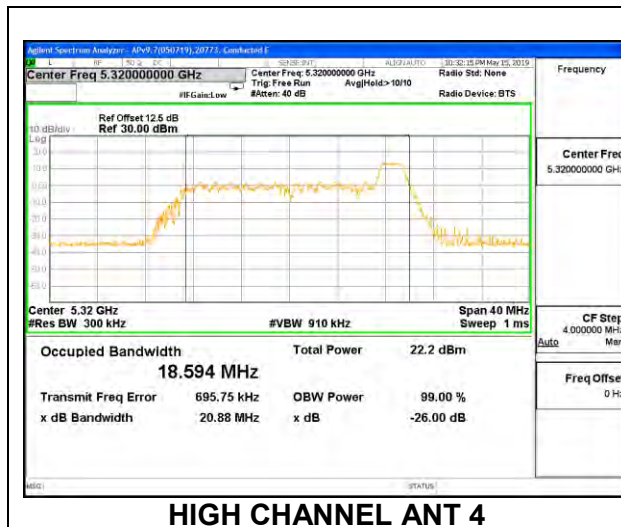




2TX Antenna 4 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 8

Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5260	18.5720	18.4940
Mid	5300	18.5150	18.3230
High	5320	18.5940	18.4280

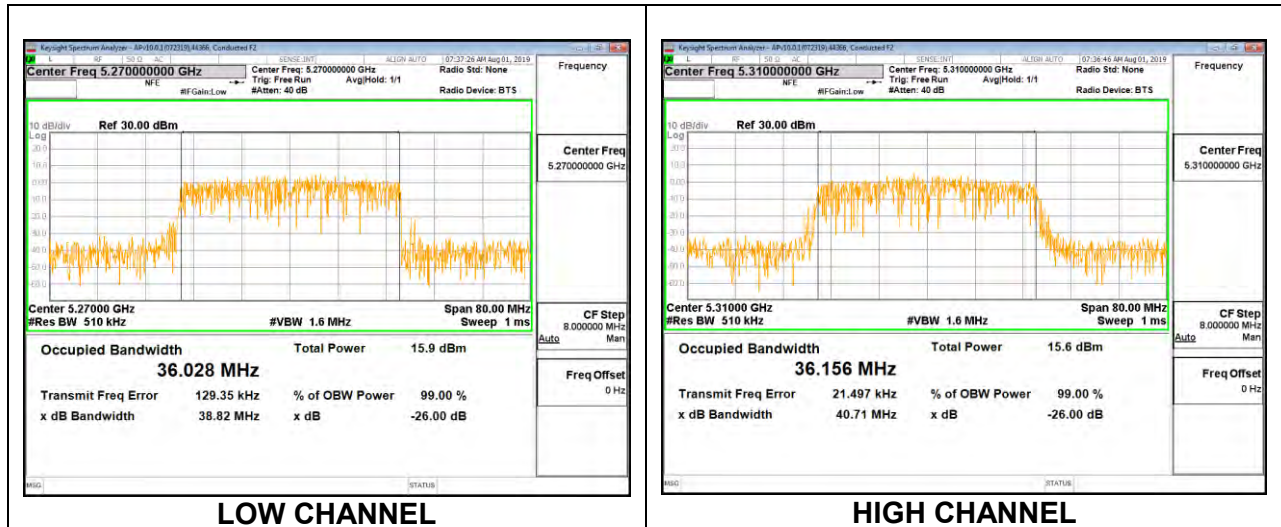




8.3.11. 802.11ax HE40 MODE IN THE 5.3 GHz BAND

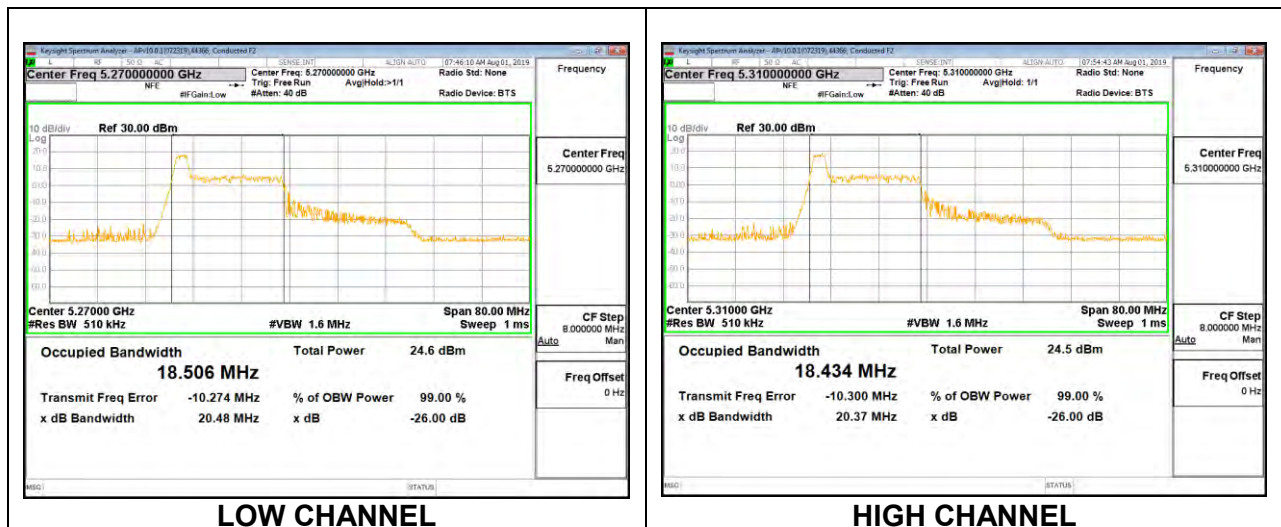
1TX Antenna 4 MODE – 484 Tones, RU Index 65

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5270	36.0280
High	5310	36.1560



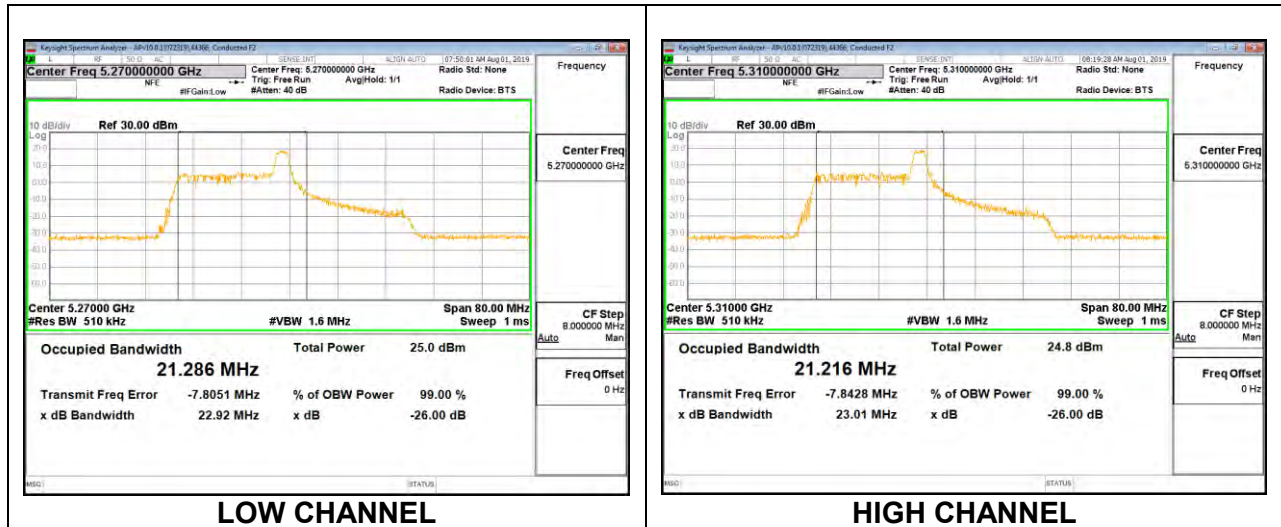
1TX Antenna 4 MODE – 26 Tones, RU Index 0

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5270	18.5060
High	5310	18.4340

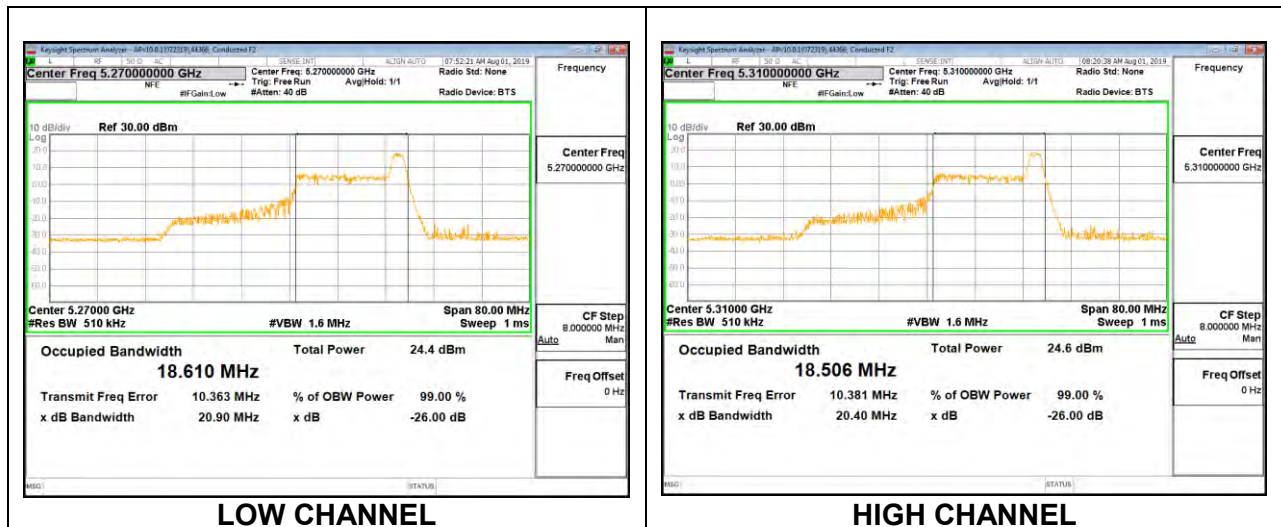


1TX Antenna 4 MODE – 26 Tones, RU Index 8

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5270	21.2860
High	5310	21.2160

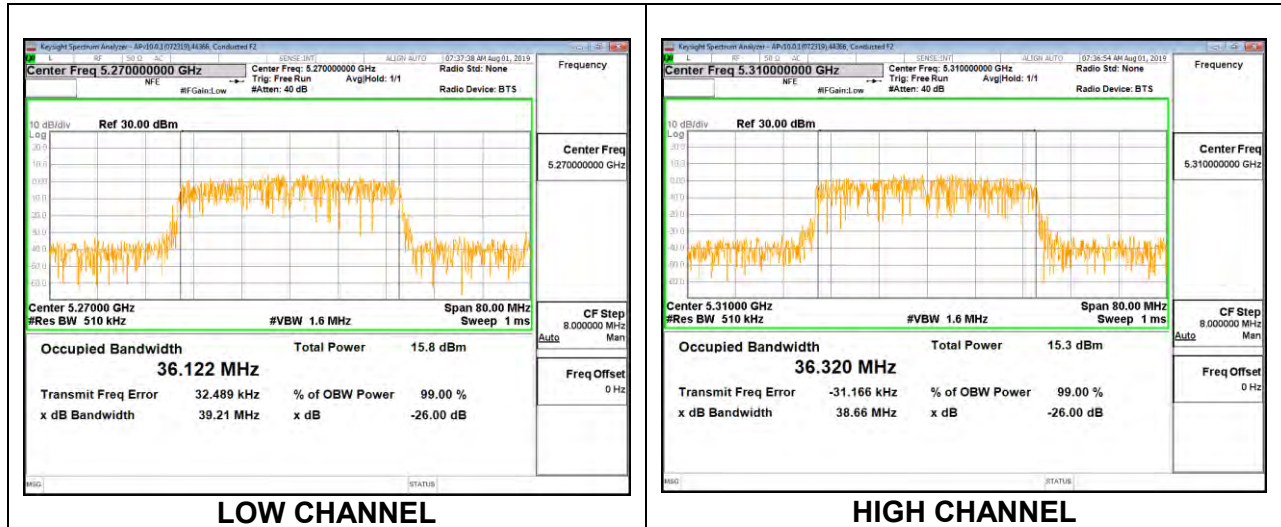
**1TX Antenna 4 MODE – 26 Tones, RU Index 17**

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5270	18.6100
High	5310	18.5060

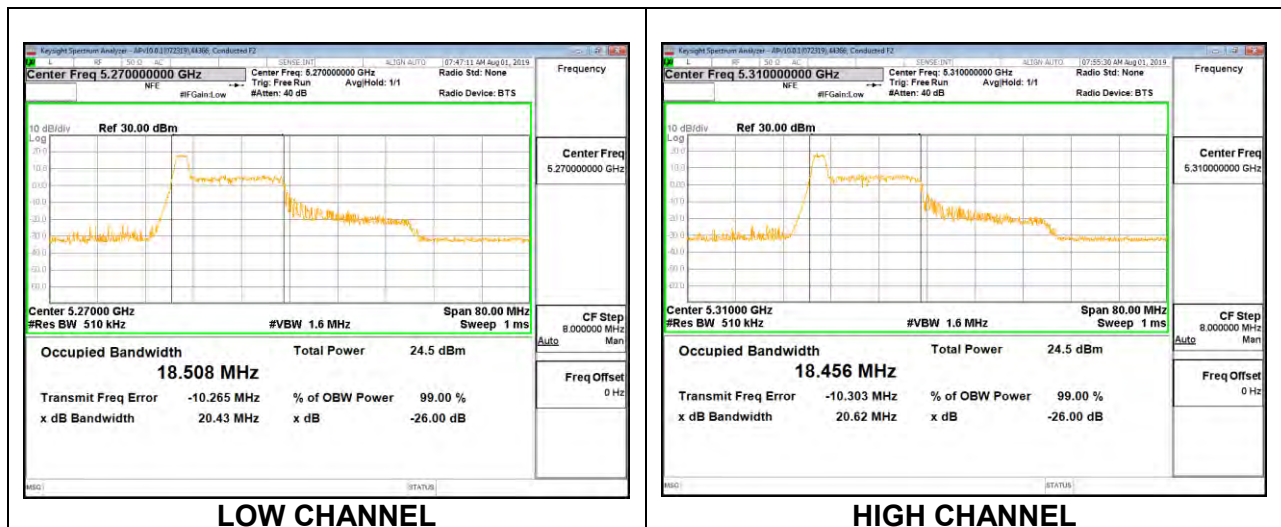


1TX Antenna 5 MODE – 484 Tones, RU Index 65

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5270	36.1220
High	5310	36.3200

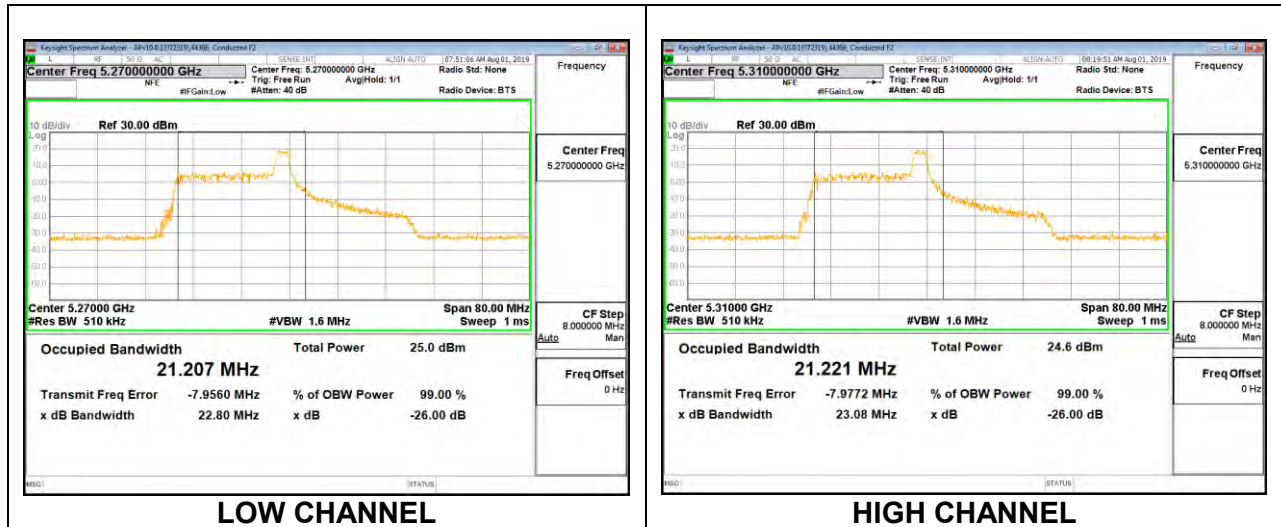
**1TX Antenna 5 MODE – 26 Tones, RU Index 0**

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5270	18.5080
High	5310	18.4560

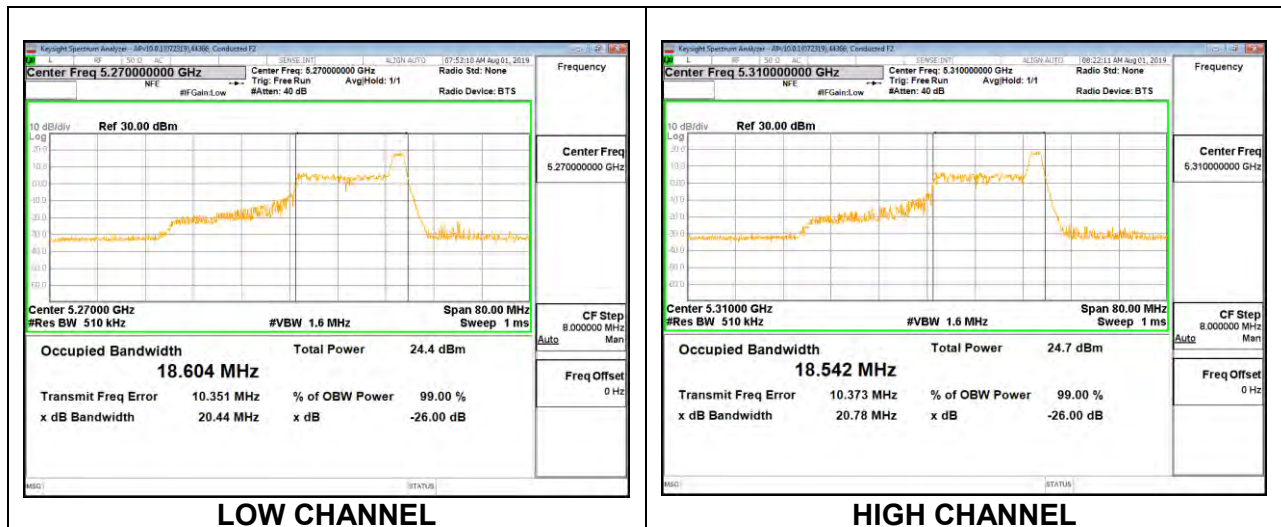


1TX Antenna 5 MODE – 26 Tones, RU Index 8

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5270	21.2070
High	5310	21.2210

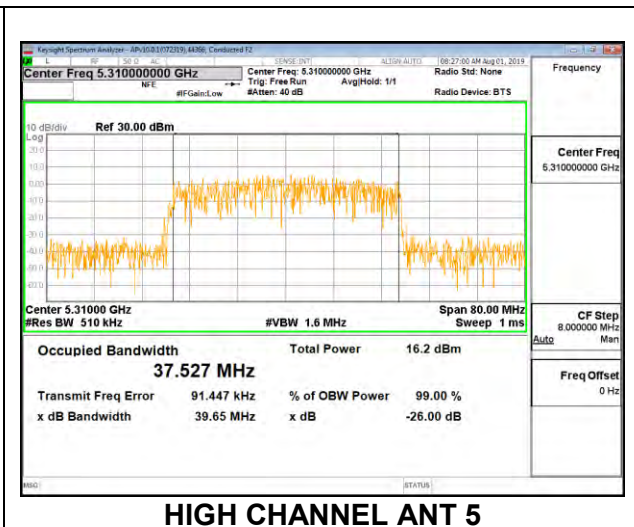
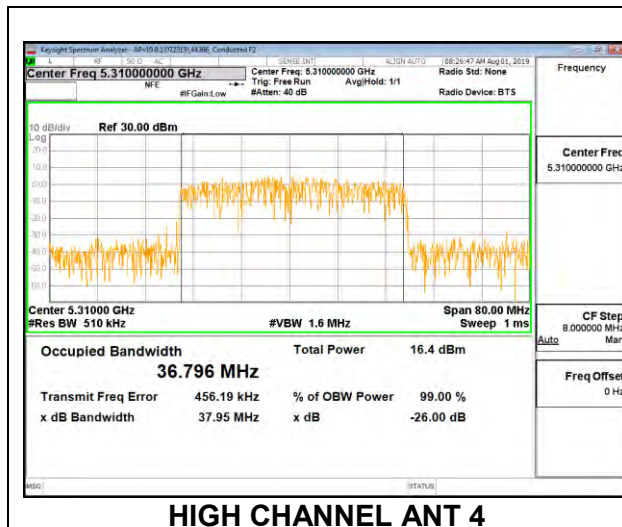
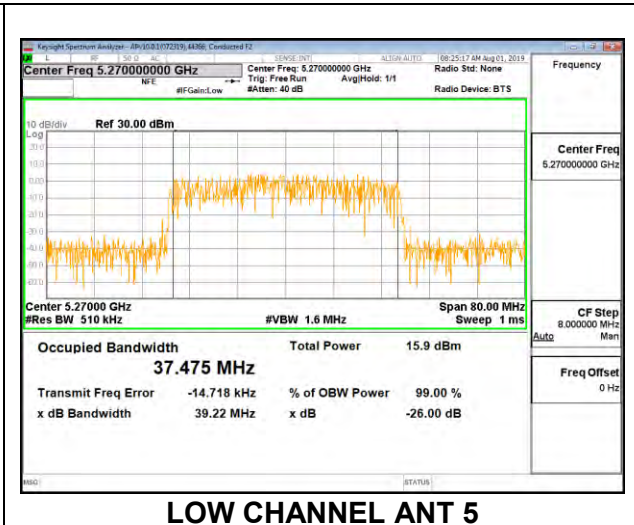
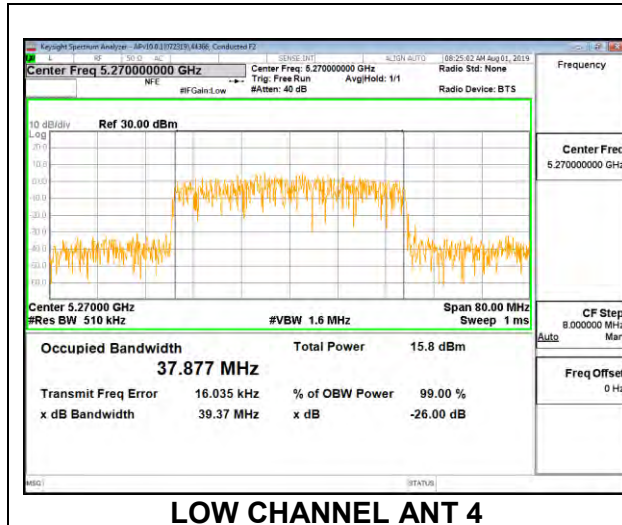
**1TX Antenna 5 MODE – 26 Tones, RU Index 17**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5270	18.6040
High	5310	18.5420



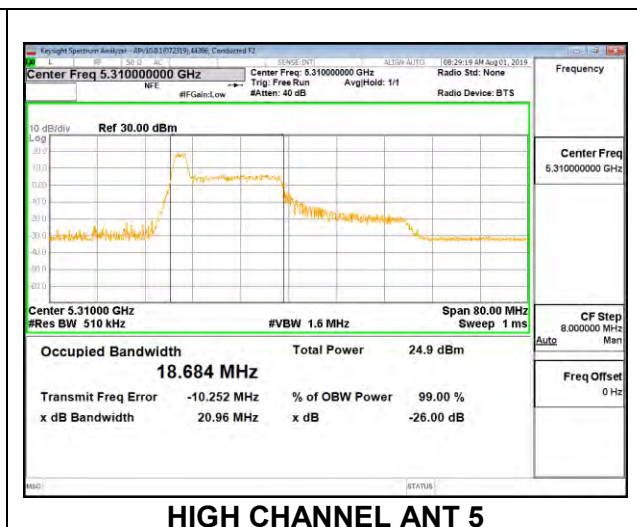
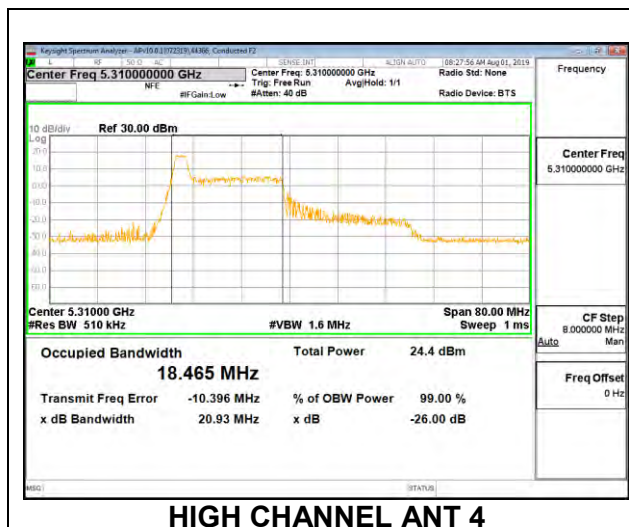
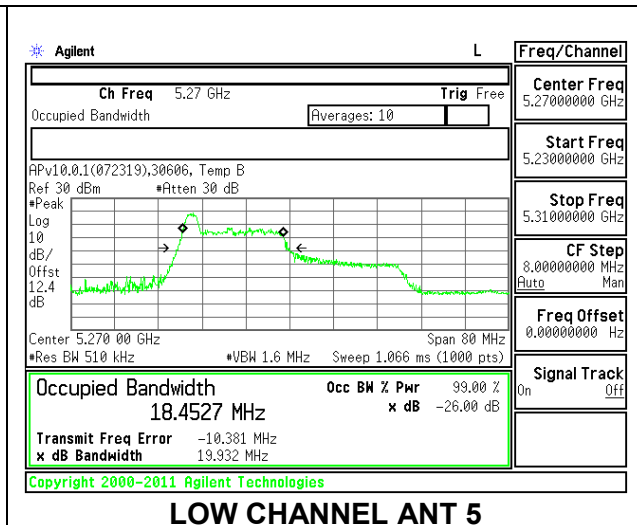
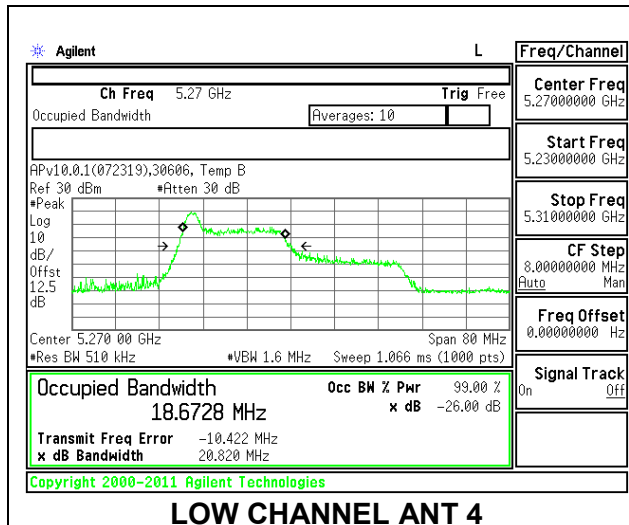
2TX Antenna 4 + Antenna 5 OFDMA MODE – 484 Tones, RU Index 65

Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5270	37.8770	37.4750
High	5310	36.7960	37.5270



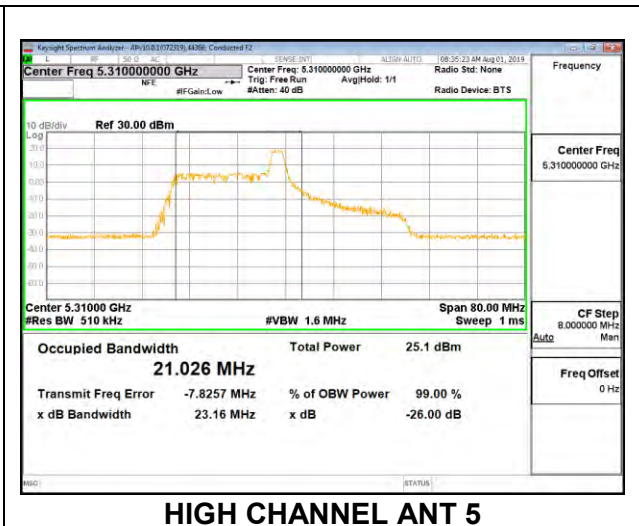
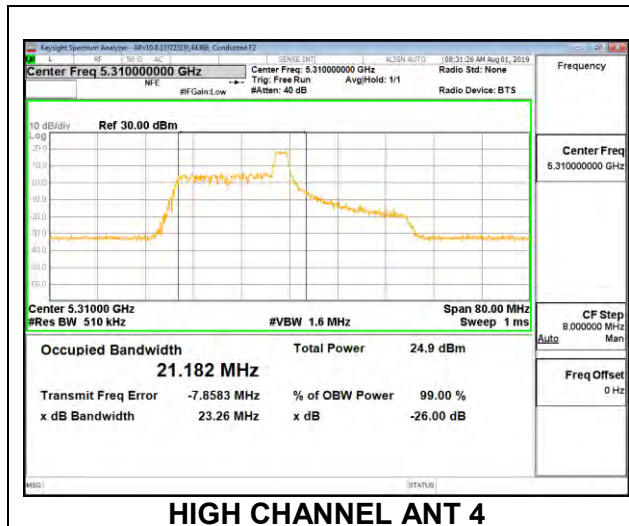
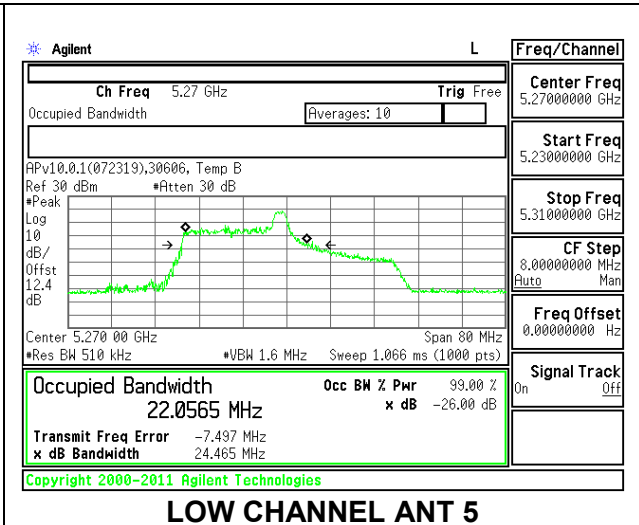
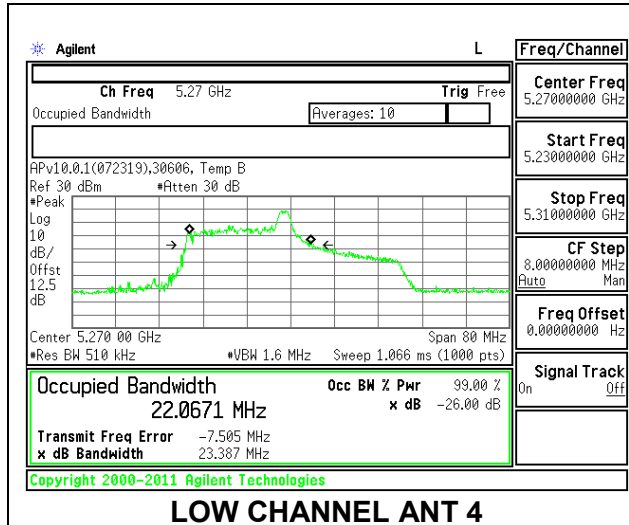
2TX Antenna 4 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 0

Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5270	18.6728	18.4527
High	5310	18.4650	18.6840



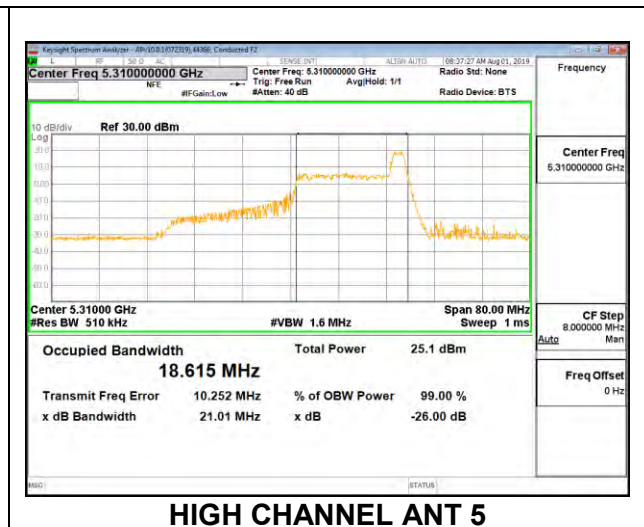
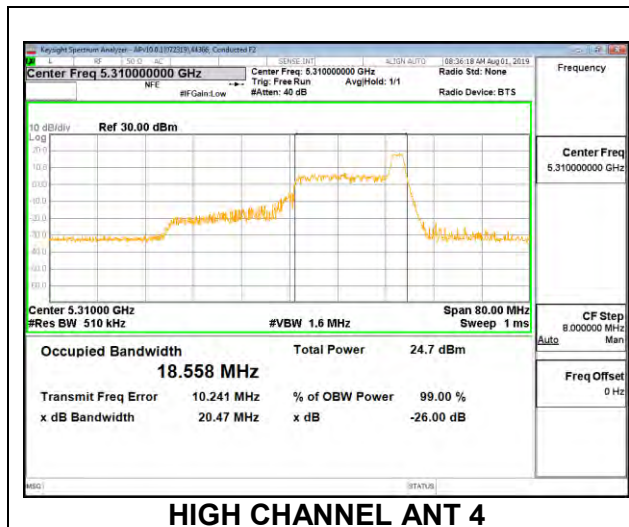
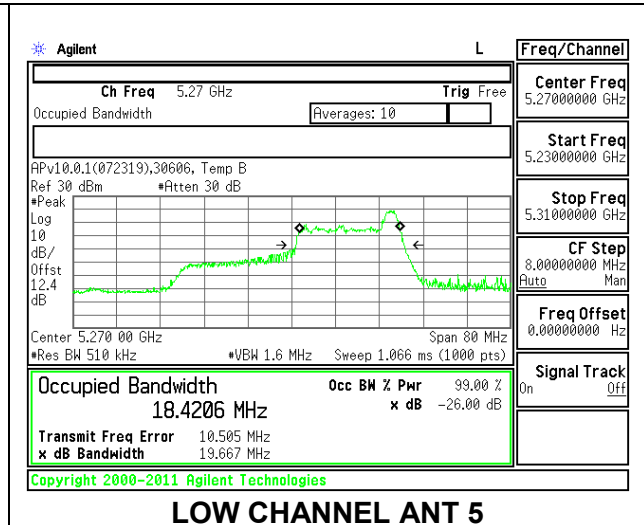
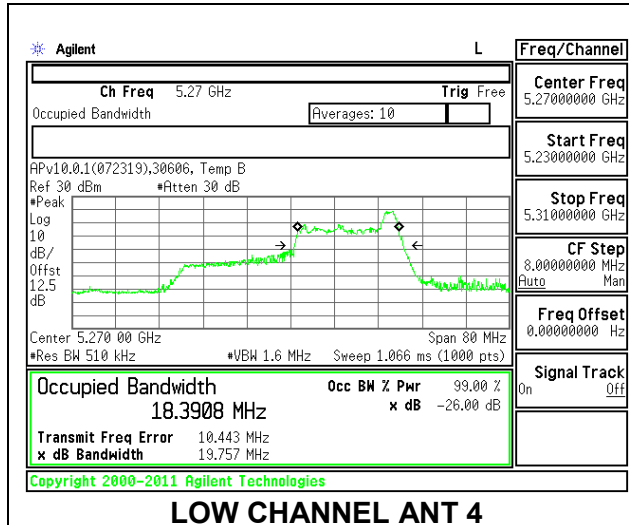
2TX Antenna 4 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 8

Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5270	22.0671	22.0565
High	5310	21.1820	21.0260



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

Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5270	18.3908	18.4206
High	5310	18.5580	18.6150



8.3.12. 802.11ax HE80 MODE IN THE 5.3 GHz BAND

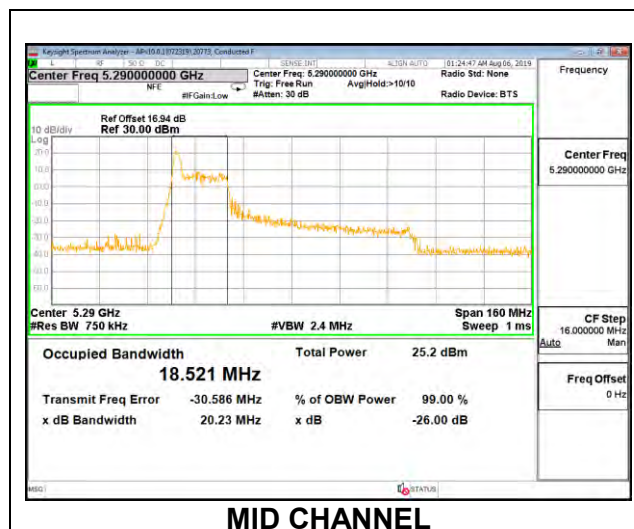
1TX Antenna 4 MODE – 996 Tones, RU Index 67

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5290	76.8200



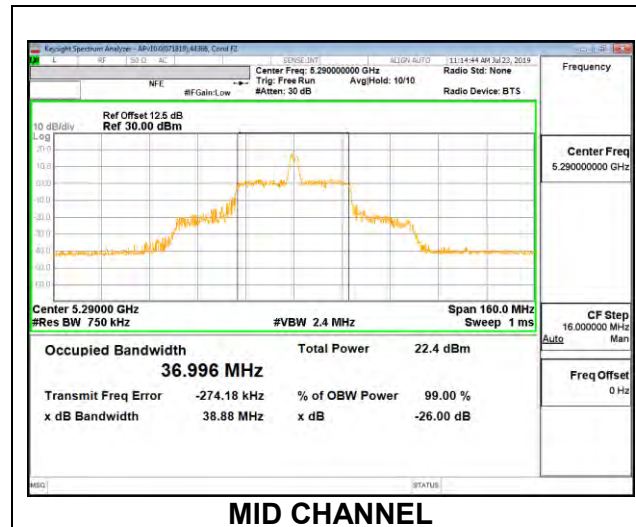
1TX Antenna 4 MODE – 26 Tones, RU Index 0

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5290	18.5210

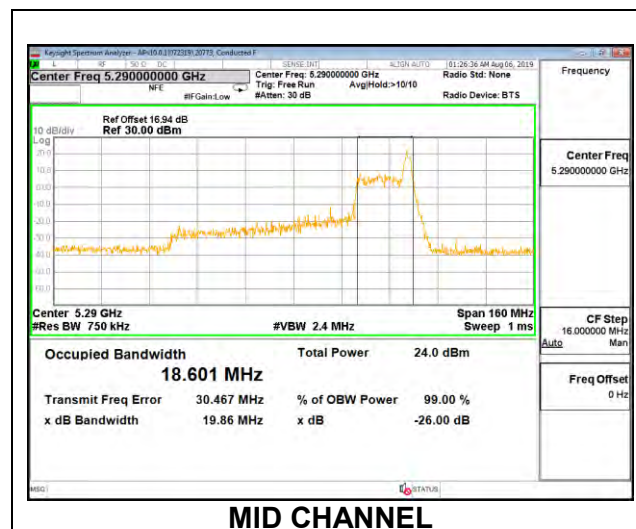


1TX Antenna 4 MODE – 26 Tones, RU Index 18

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5290	36.9960

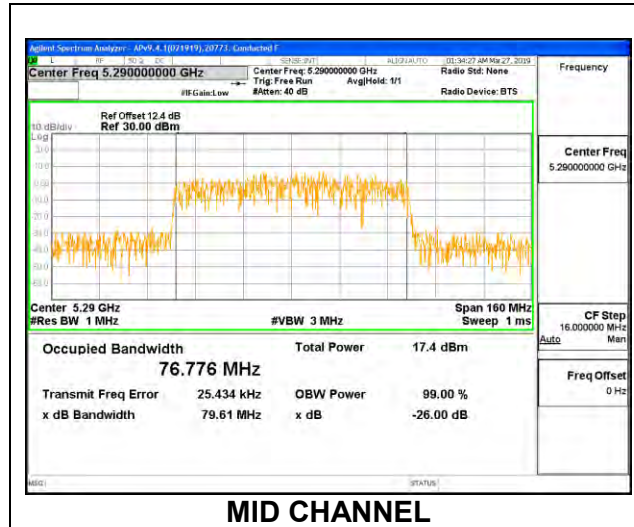
**1TX Antenna 4 MODE – 26 Tones, RU Index 36**

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5290	18.6010

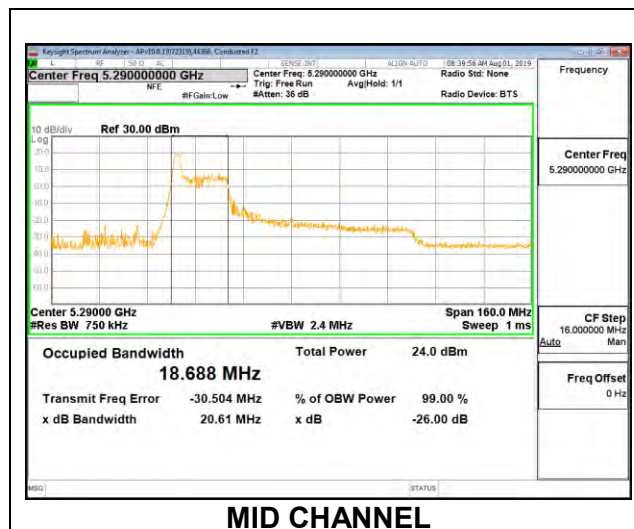


1TX Antenna 5 MODE – 996 Tones, RU Index 67

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5290	76.7760

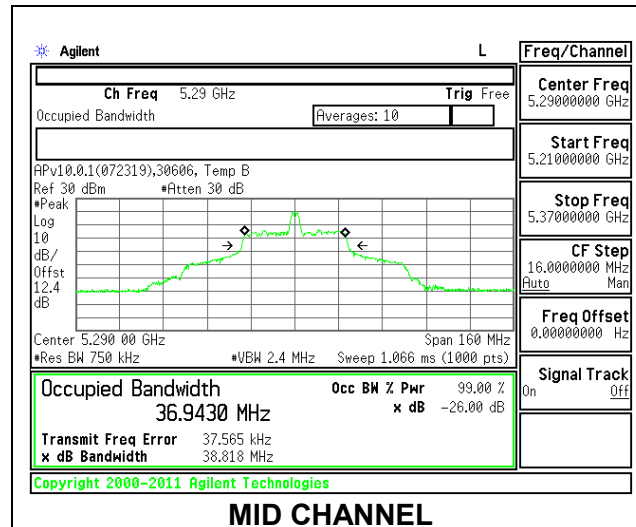
**1TX Antenna 5 MODE – 26 Tones, RU Index 0**

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5290	18.6880

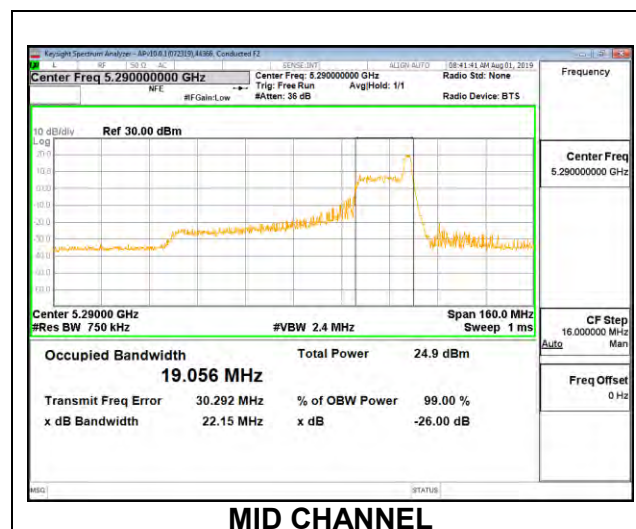


1TX Antenna 5 MODE – 26 Tones, RU Index 18

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5290	36.9430

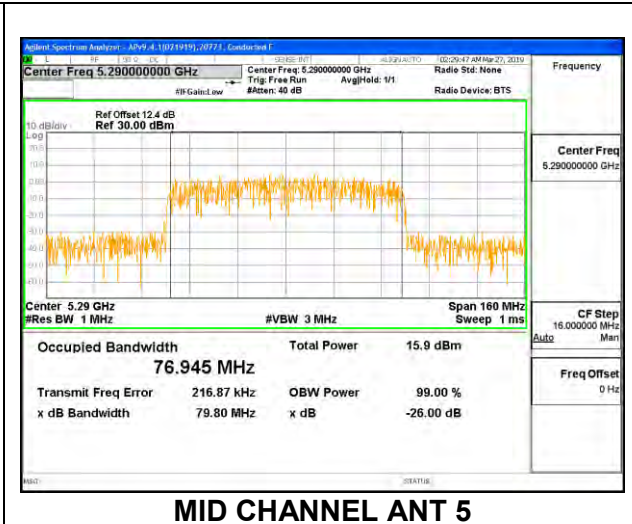
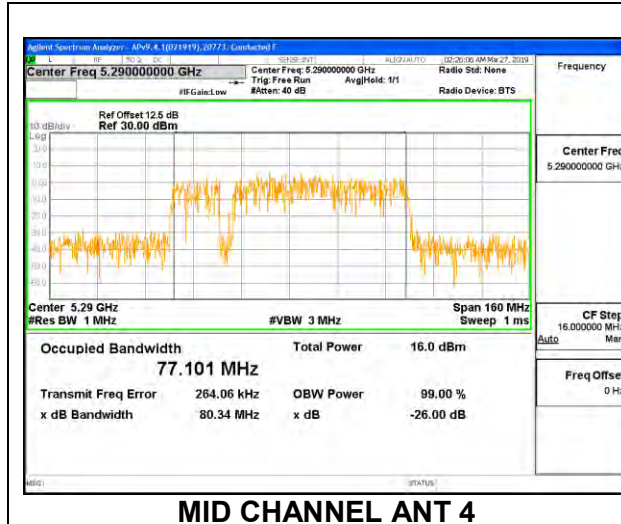
**1TX Antenna 5 MODE – 26 Tones, RU Index 36**

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5290	19.0560

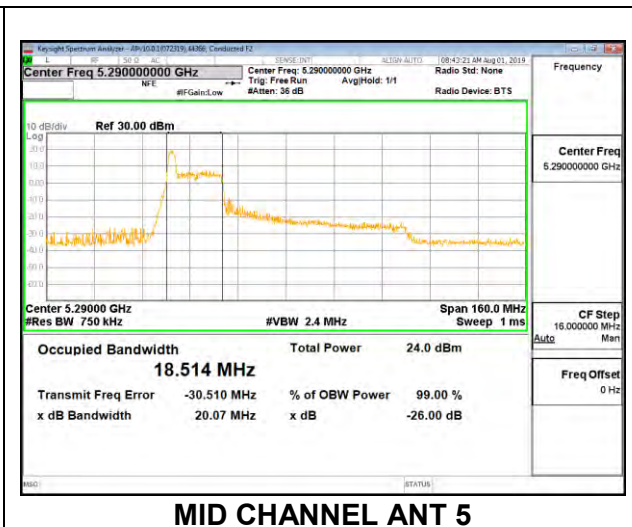
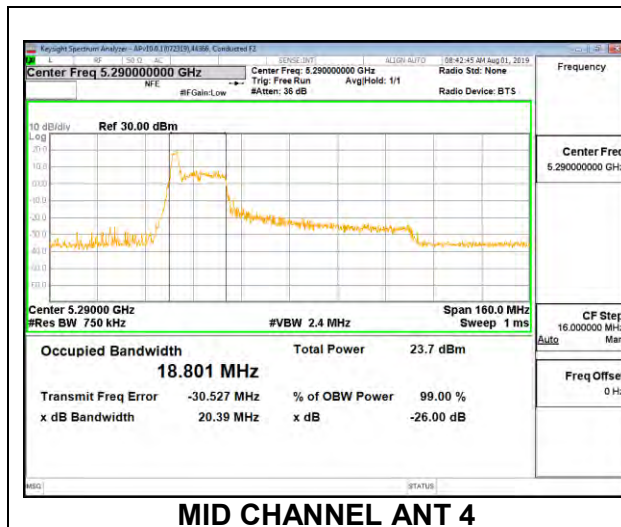


2TX Antenna 4 + Antenna 5 CDD MODE – 996 Tones, RU Index 67

Channel	Frequency	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Mid	5290	77.1010	76.9450

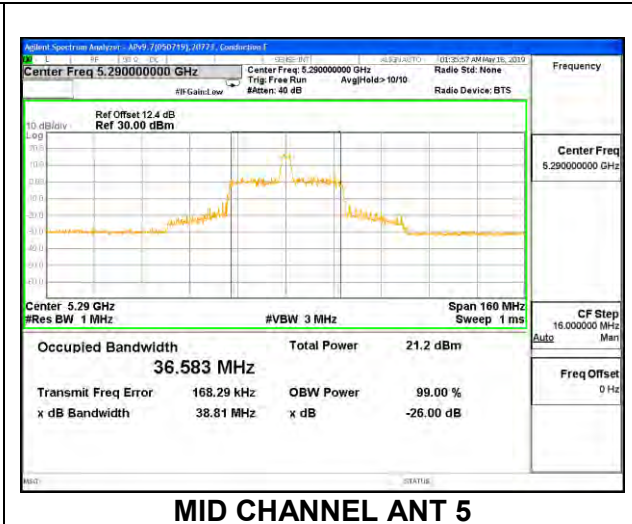
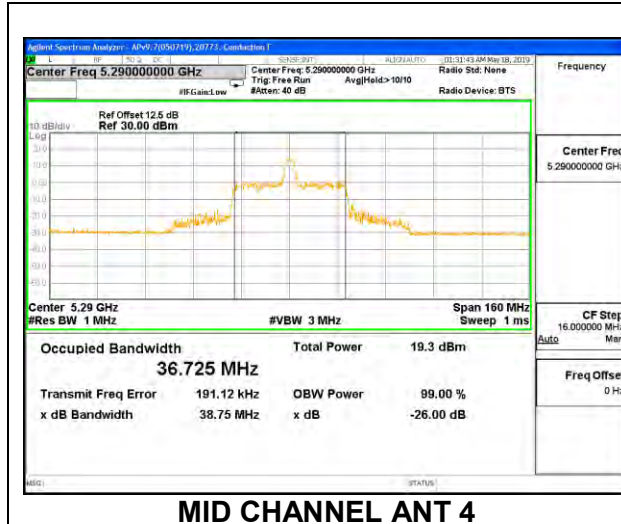
**2TX Antenna 4 + Antenna 5 CDD MODE – 26 Tones, RU Index 0**

Channel	Frequency	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Mid	5290	18.8010	18.5140

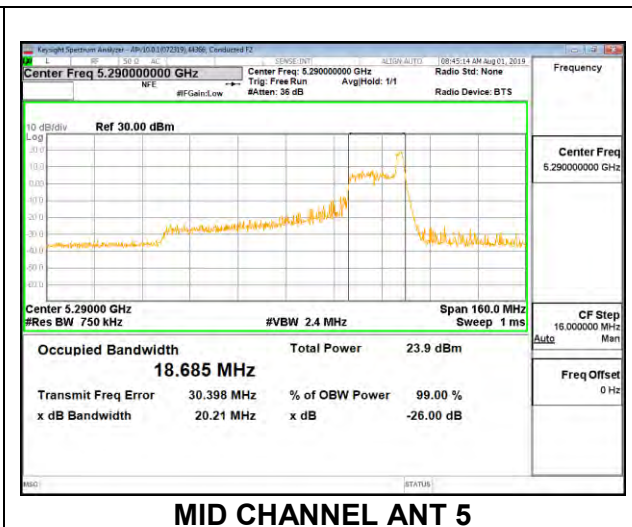
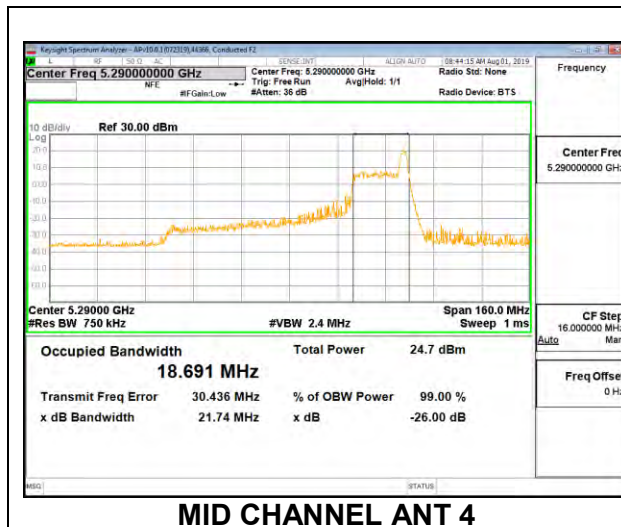


2TX Antenna 4 + Antenna 5 CDD MODE – 26 Tones, RU Index 18

Channel	Frequency	99% Bandwidth	99% Bandwidth
	(MHz)	Ant 4	Ant 5
	(MHz)	(MHz)	(MHz)
Mid	5290	36.7250	36.5830

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

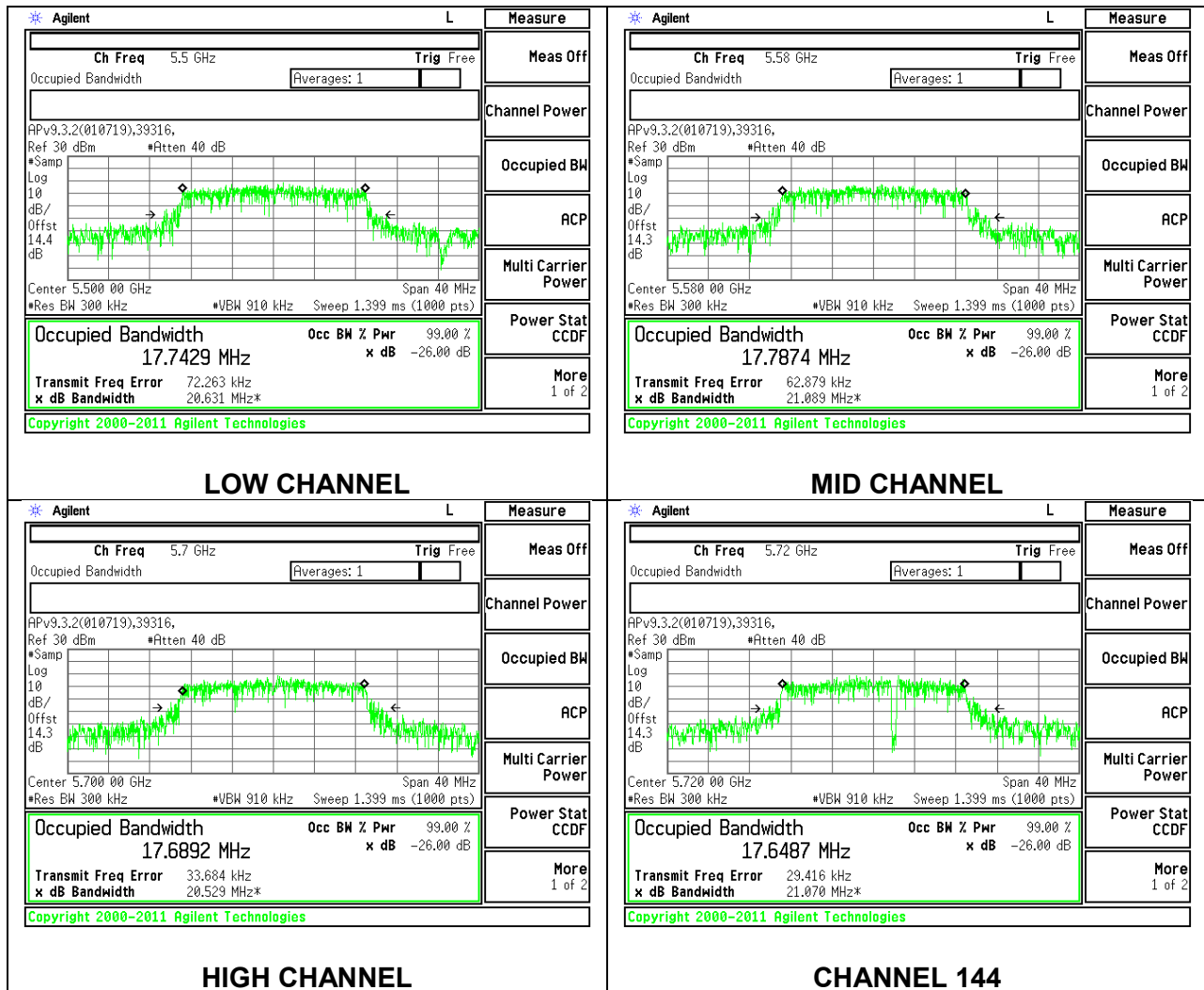
Channel	Frequency	99% Bandwidth	99% Bandwidth
	(MHz)	Ant 4	Ant 5
	(MHz)	(MHz)	(MHz)
Mid	5290	18.8300	19.0550



8.3.13. 802.11n HT20 MODE IN THE 5.6 GHz BAND

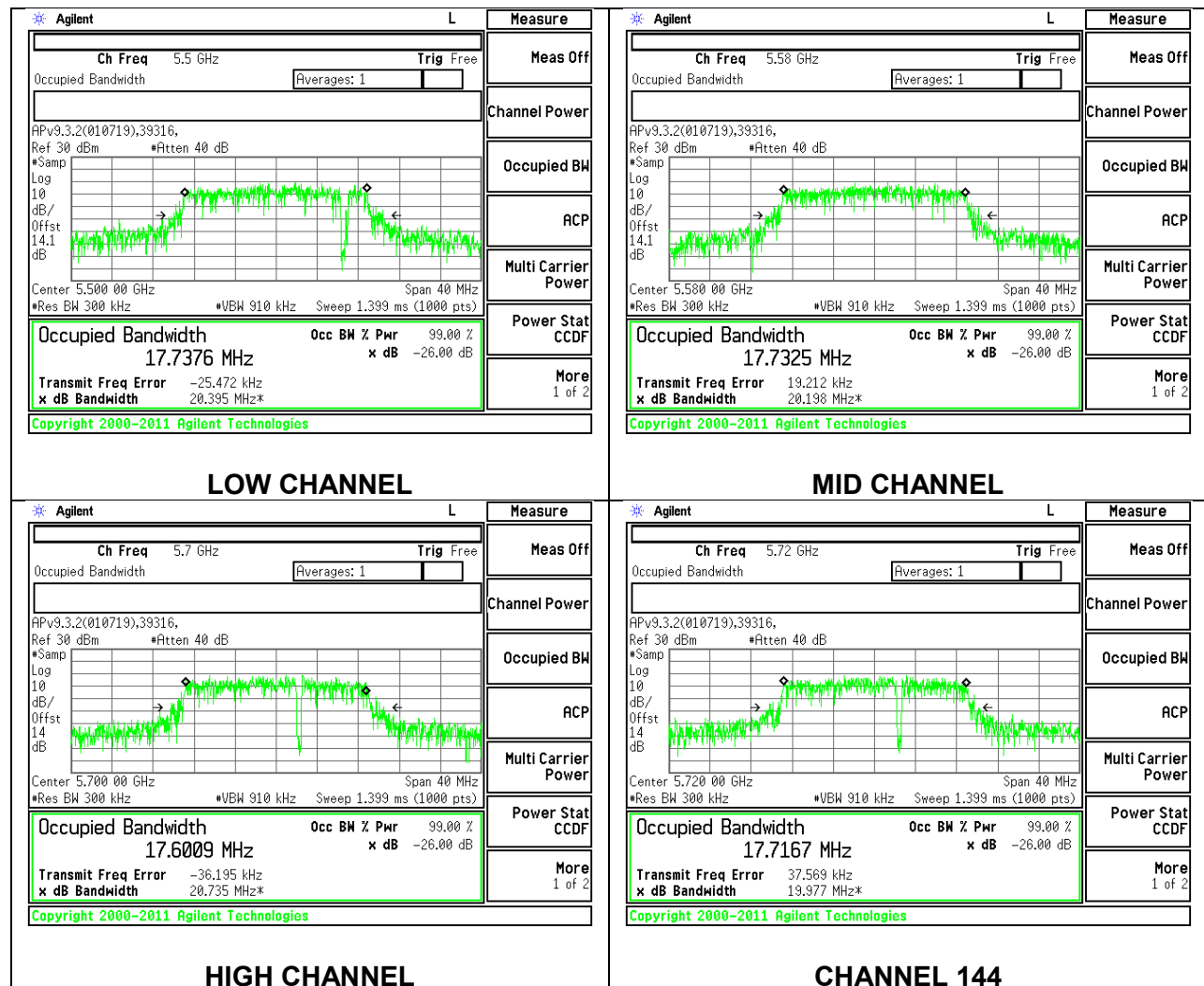
1TX Antenna 4 MODE

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5500	17.7429
Mid	5580	17.7874
High	5700	17.6892
144	5720	17.6487



1TX Antenna 5 MODE

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5500	17.7376
Mid	5580	17.7325
High	5700	17.6009
144	5720	17.7167



2TX Antenna 4 + Antenna 5 CDD MODE

Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5500	17.6560	17.6400
Mid	5580	17.7940	17.6560
High	5700	17.6960	17.6390
144	5720	17.7845	17.6883

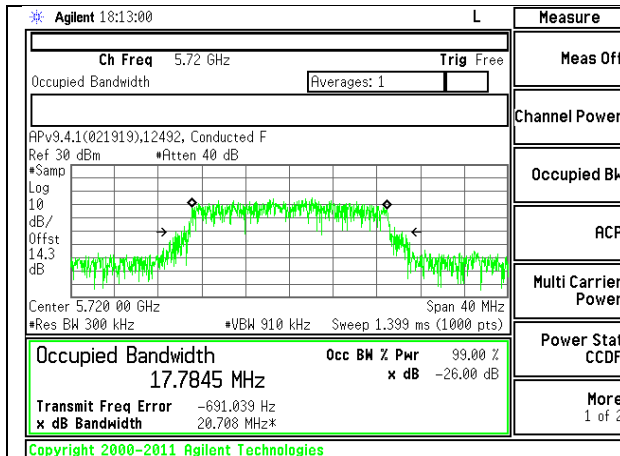
**LOW CHANNEL ANT 4****LOW CHANNEL ANT 5****MID CHANNEL ANT 4****MID CHANNEL ANT 5**



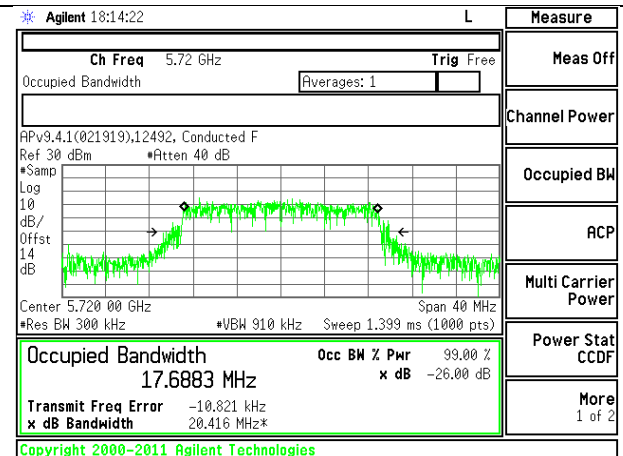
HIGH CHANNEL ANT 4



HIGH CHANNEL ANT 5



CHANNEL 144 ANT 4

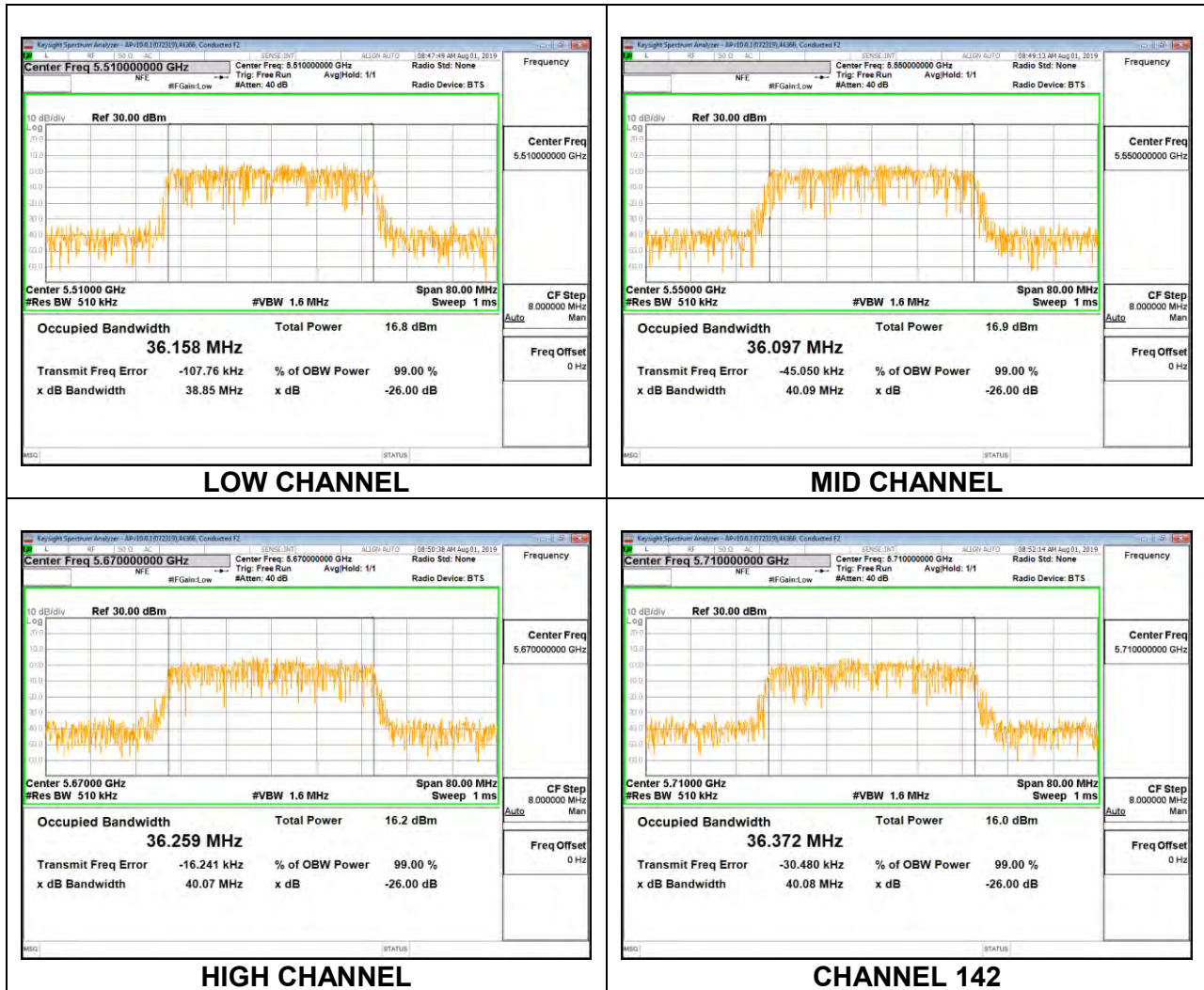


CHANNEL 144 ANT 5

8.3.14. 802.11n HT40 MODE IN THE 5.6 GHz BAND

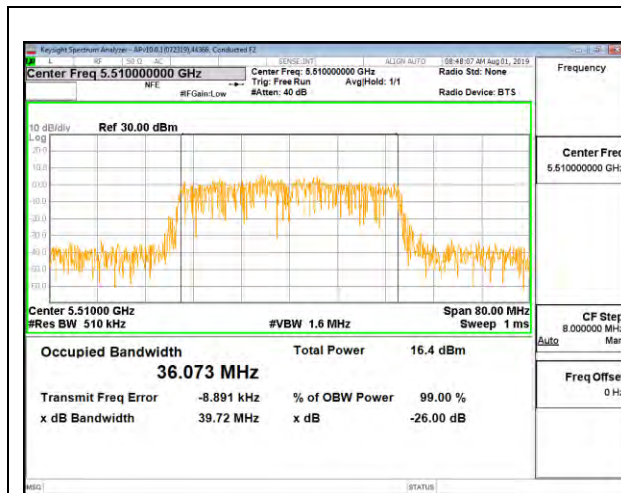
1TX Antenna 4 MODE

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5510	36.1580
Mid	5550	36.0970
High	5670	36.2590
144	5710	36.3720



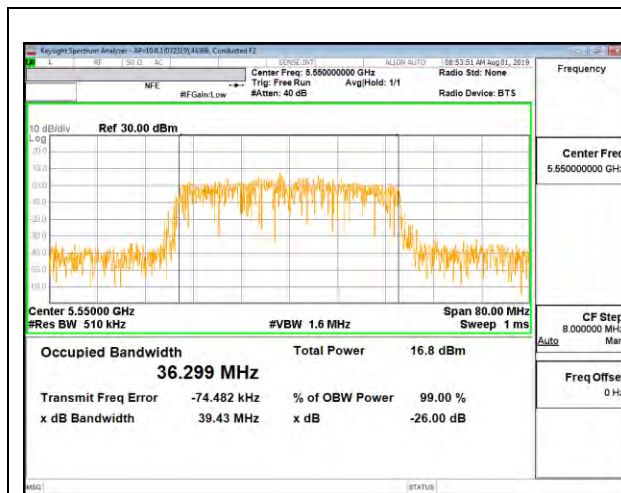
1TX Antenna 5 MODE

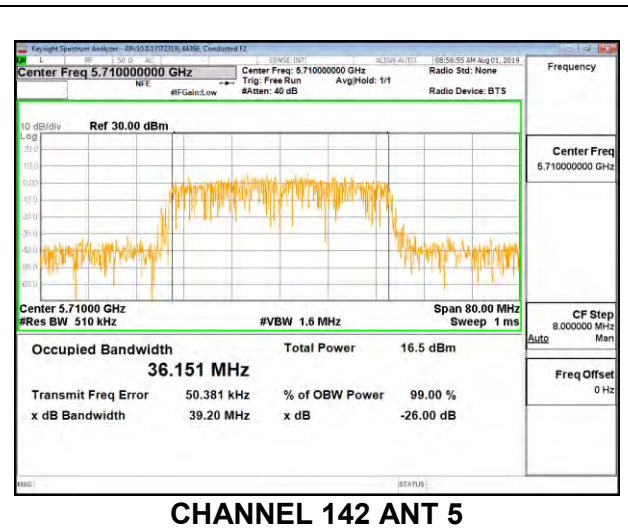
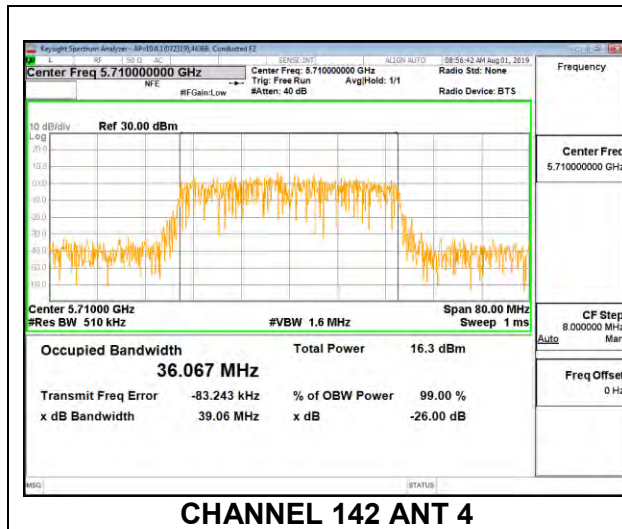
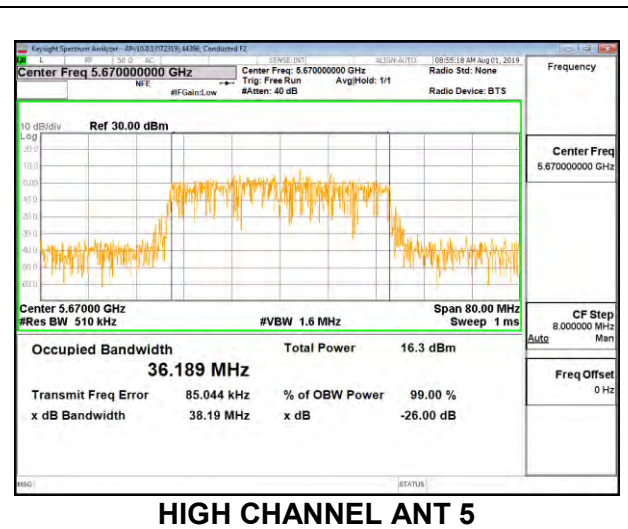
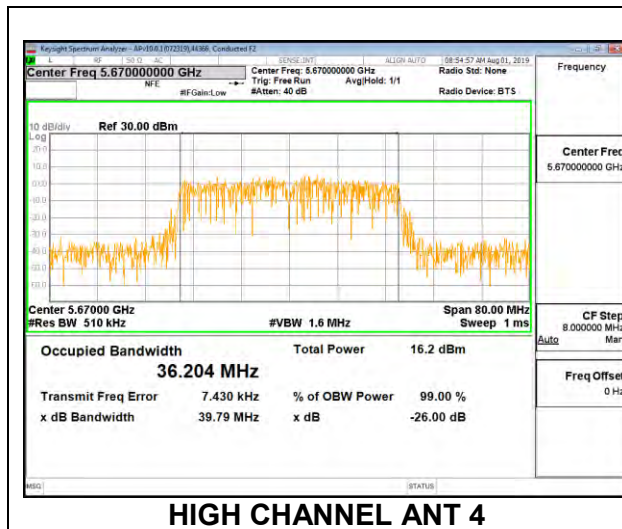
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5510	36.0730
Mid	5550	35.9500
High	5670	36.1880
144	5710	36.0730

**LOW CHANNEL****MID CHANNEL****HIGH CHANNEL****CHANNEL 142**

2TX Antenna 4 + Antenna 5 CDD MODE

Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5510	36.3090	36.0250
Mid	5550	36.2990	35.9610
High	5670	36.2040	36.1890
142	5710	36.0670	36.1510

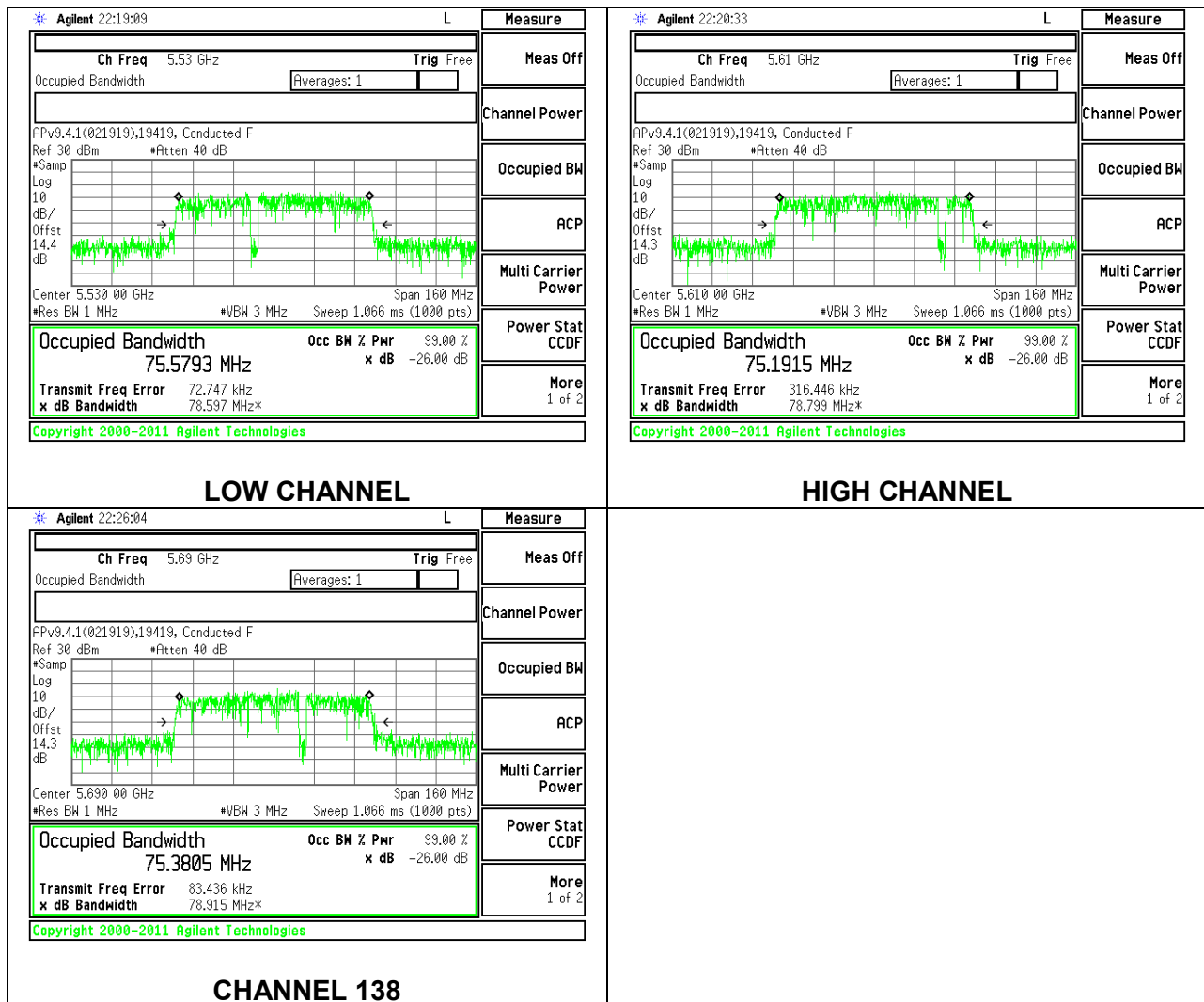
**LOW CHANNEL ANT 4****LOW CHANNEL ANT 5****MID CHANNEL ANT 4****MID CHANNEL ANT 5**



8.3.15. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

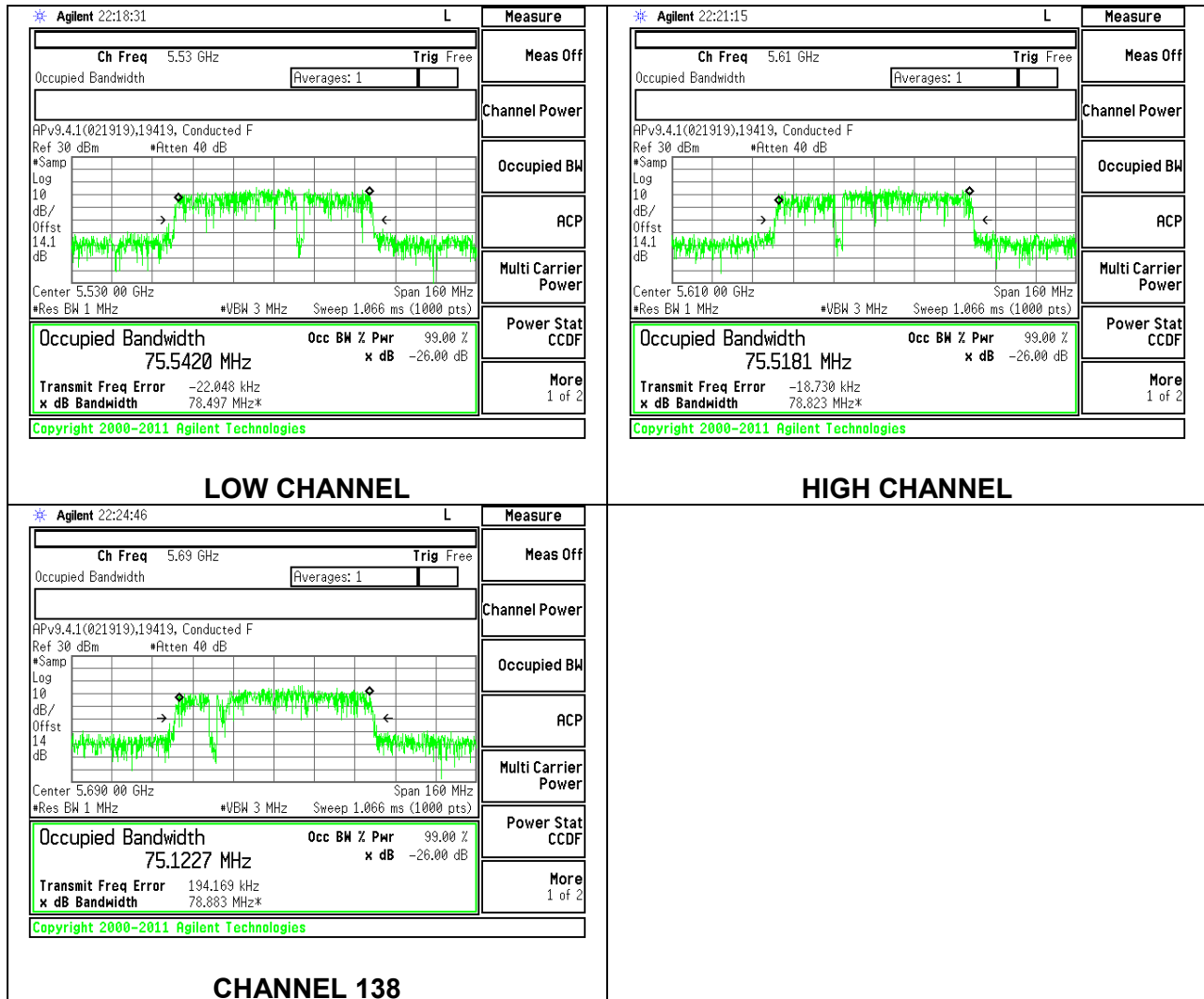
1TX Antenna 4 MODE

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5530	75.5793
High	5610	75.1915
138	5690	75.3805



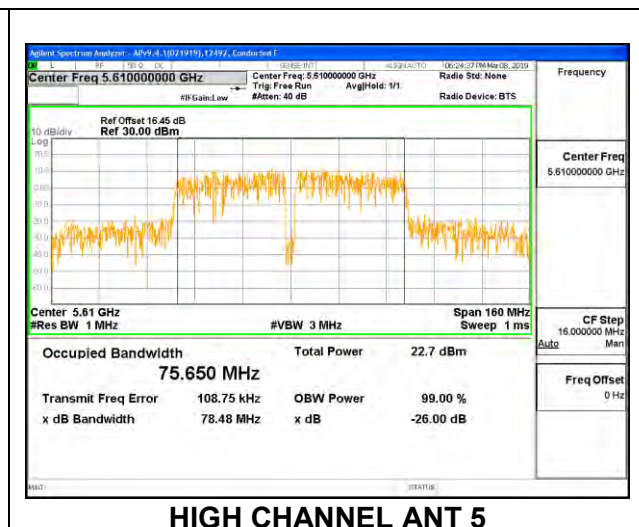
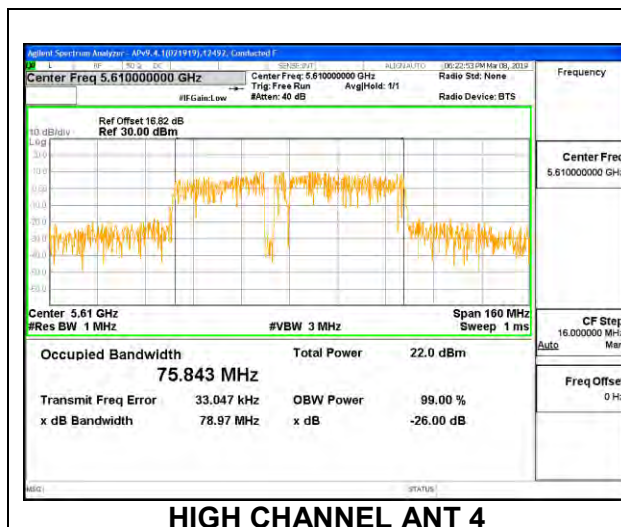
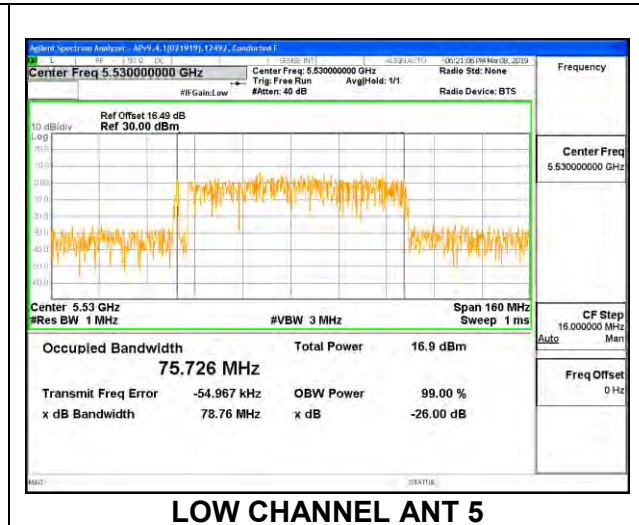
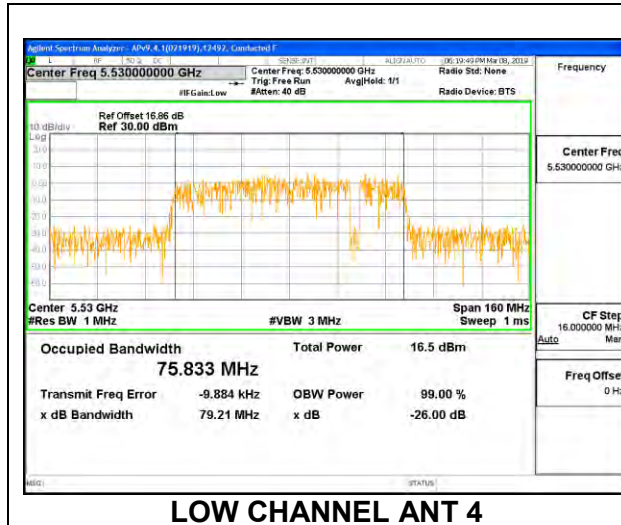
1TX Antenna 5 MODE

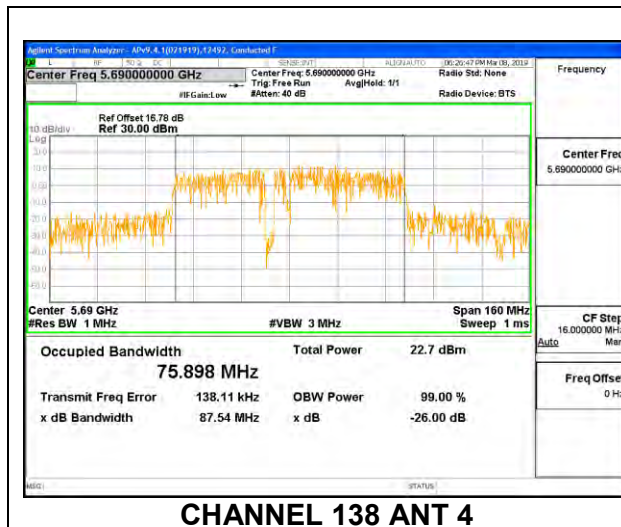
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5530	75.5420
High	5610	75.5181
138	5690	75.1227



2TX Antenna 4 + Antenna 5 CDD MODE

Channel	Frequency	99% Bandwidth	99% Bandwidth
	(MHz)	Ant 4 (MHz)	Ant 5 (MHz)
Low	5530	75.8330	75.7260
High	5610	75.8430	75.6500
138	5690	75.8980	75.4350

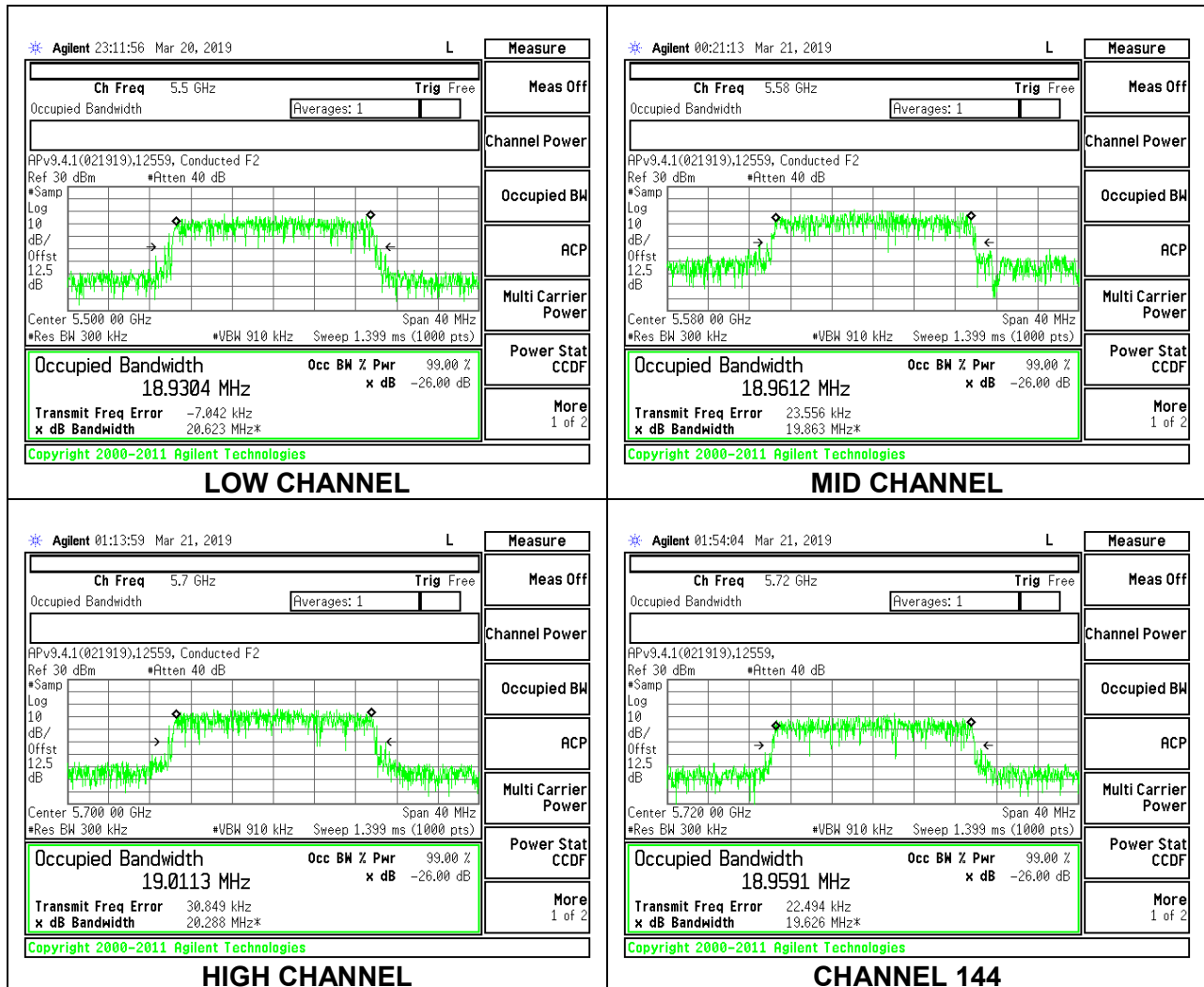




8.3.16. 802.11ax HE20 MODE IN THE 5.6 GHz BAND

1TX Antenna 4 MODE – 242 Tones, RU Index 61

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5500	18.9304
Mid	5580	18.9612
High	5700	19.0113
144	5720	18.9591



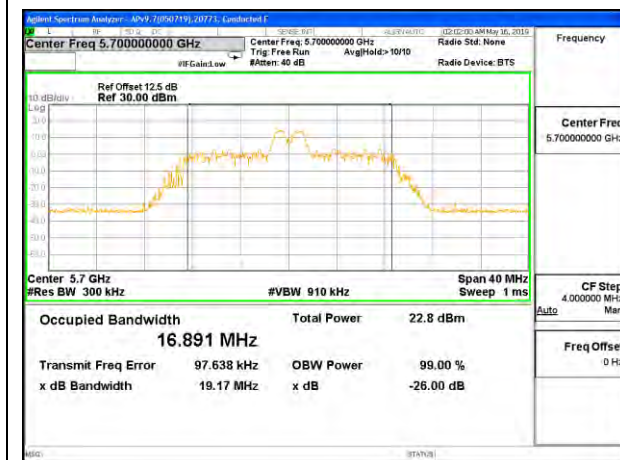
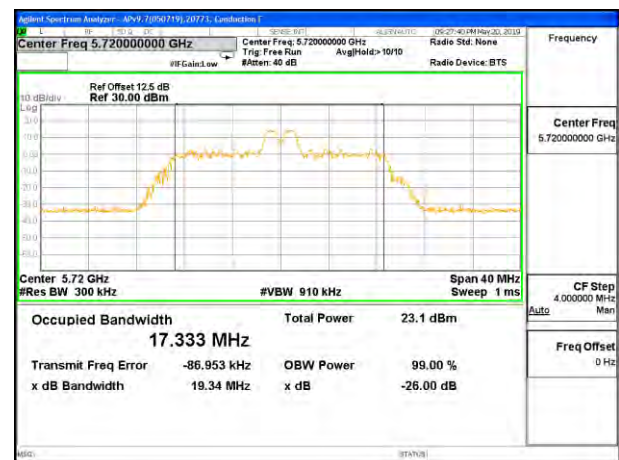
1TX Antenna 4 MODE – 26 Tones, RU Index 0

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5500	18.4800
Mid	5580	18.4640
High	5700	18.4390
144	5720	18.4170



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

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5500	17.2750
Mid	5580	17.3080
High	5700	16.8910
144	5720	17.3330

**LOW CHANNEL****MID CHANNEL****HIGH CHANNEL****CHANNEL 144**

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

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5500	18.4170
Mid	5580	18.3630
High	5700	18.5090
144	5720	18.4640



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

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5500	19.0310
Mid	5580	19.0150
High	5700	18.9480
144	5720	18.9150

**LOW CHANNEL****MID CHANNEL****HIGH CHANNEL****CHANNEL 144**

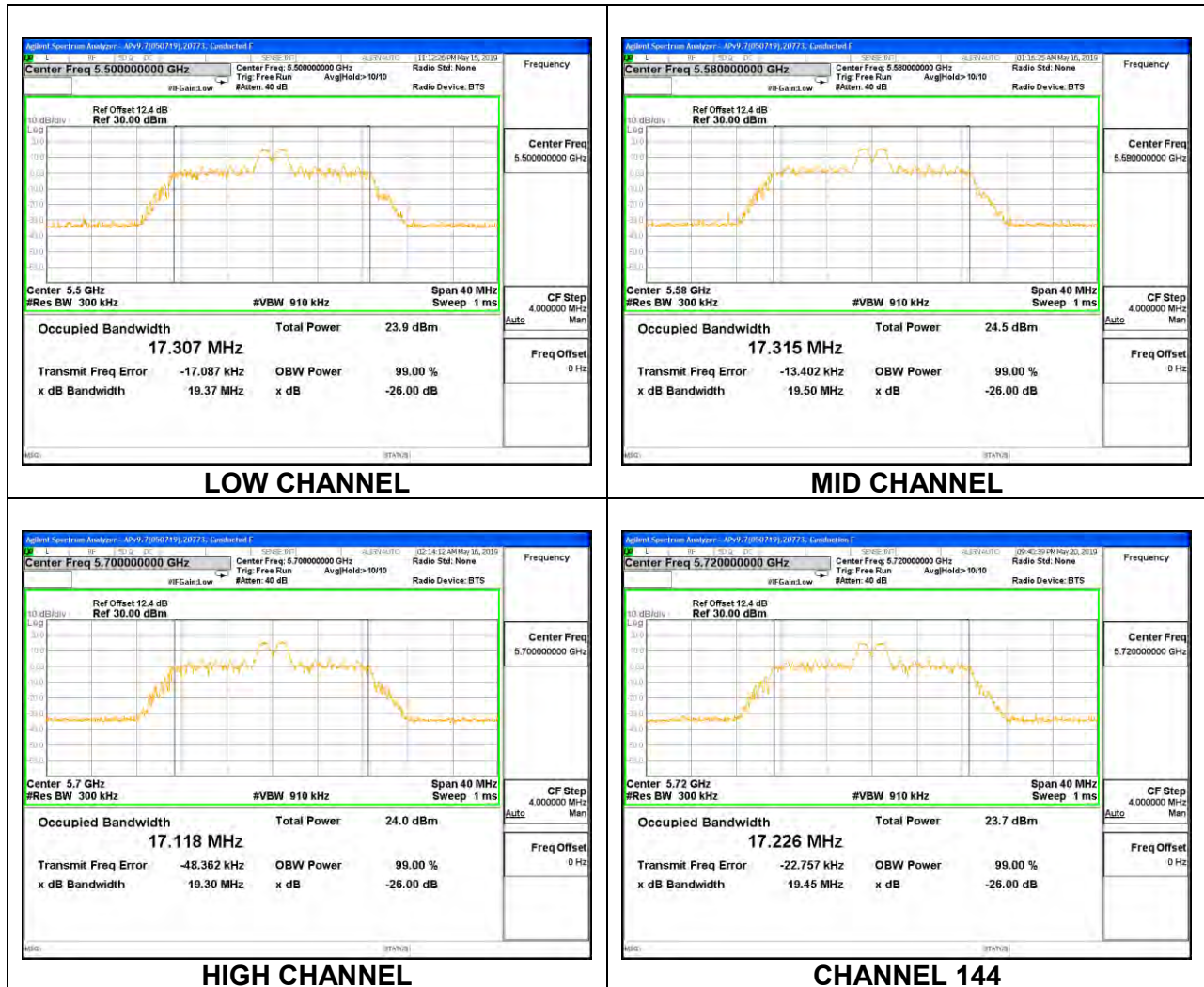
1TX Antenna 5 MODE – 26 Tones, RU Index 0

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5500	18.4660
Mid	5580	18.4920
High	5700	18.4660
144	5720	18.3580



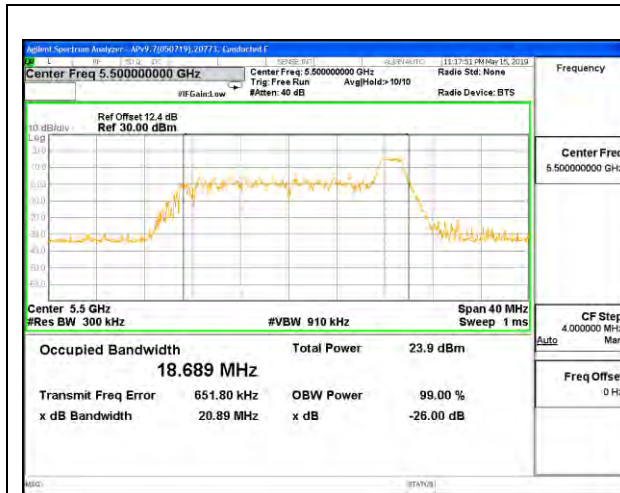
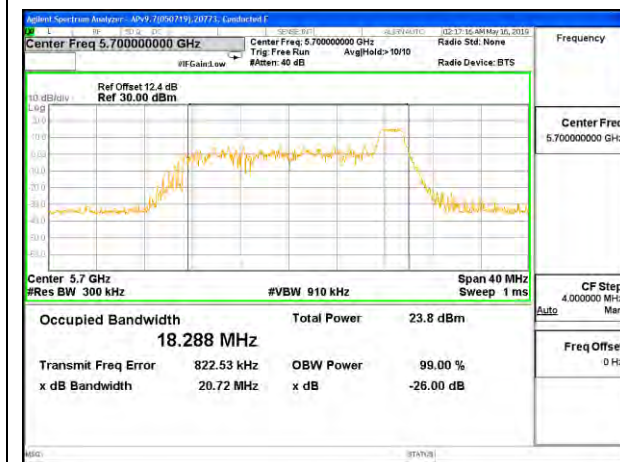
1TX Antenna 5 MODE – 26 Tones, RU Index 4

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5500	17.3070
Mid	5580	17.3150
High	5700	17.1180
144	5720	17.2260



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

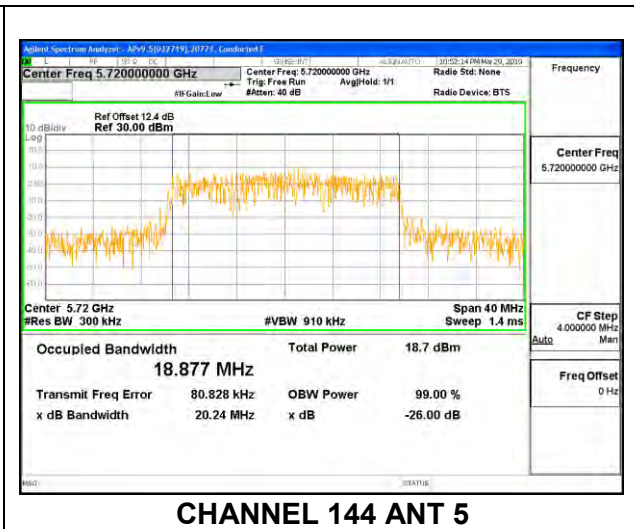
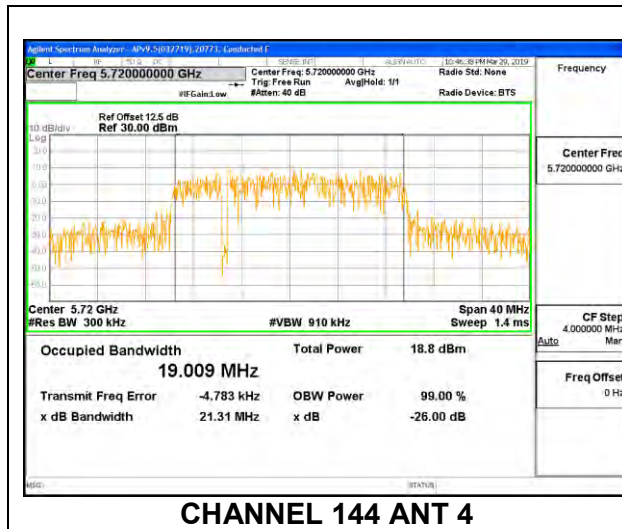
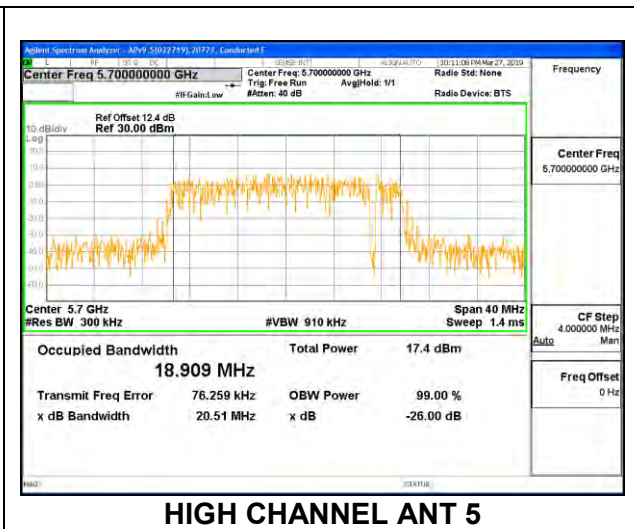
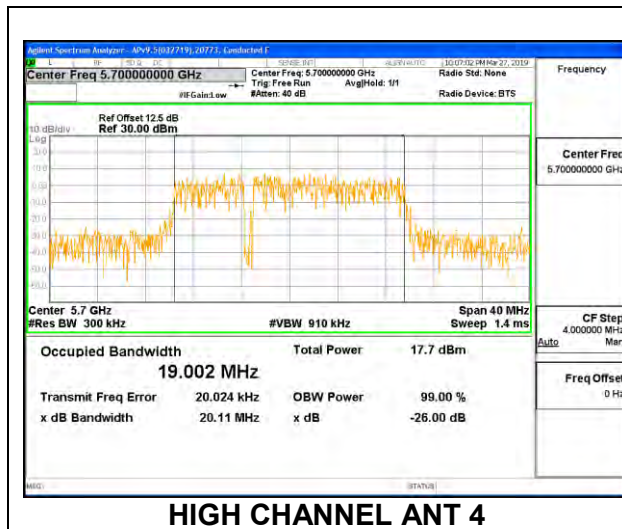
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5500	18.6890
Mid	5580	18.5800
High	5700	18.2880
144	5720	18.6770

**LOW CHANNEL****MID CHANNEL****HIGH CHANNEL****CHANNEL 144**

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

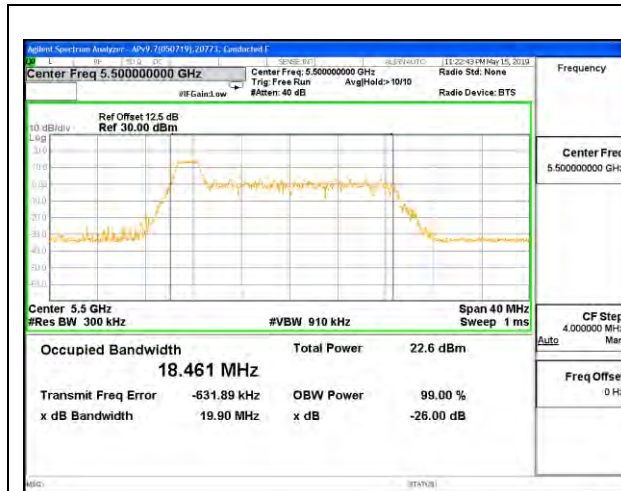
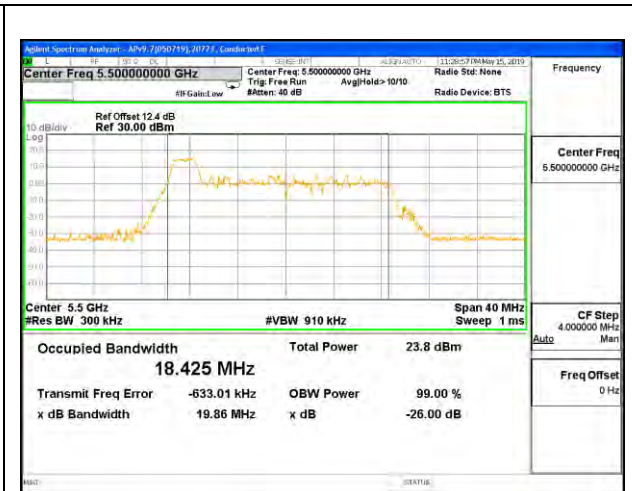
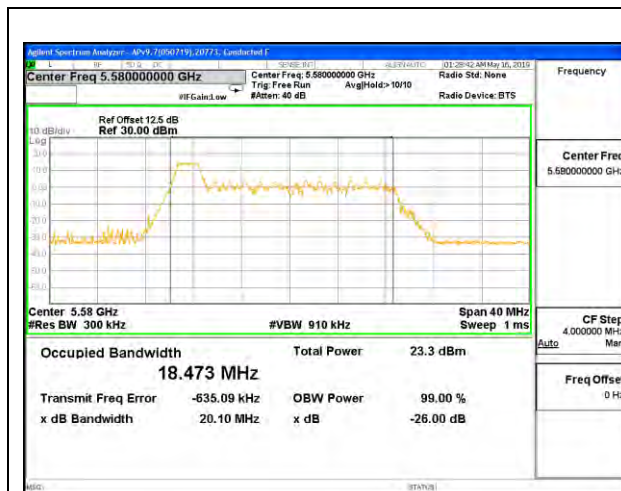
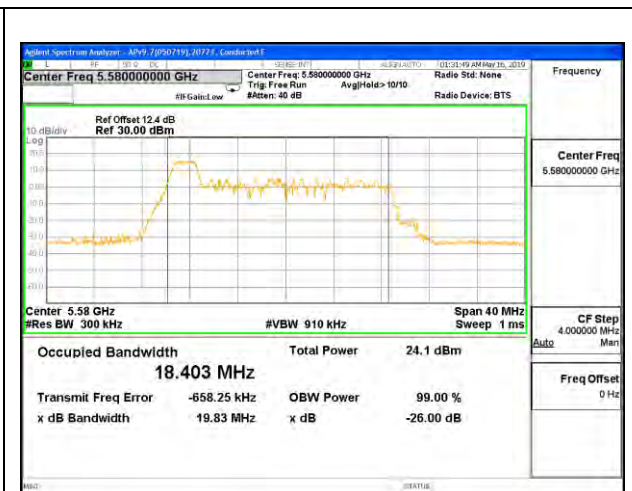
Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5500	18.9740	18.9490
Mid	5580	19.0460	18.9620
High	5700	19.0020	18.9090
144	5720	19.0090	18.8770

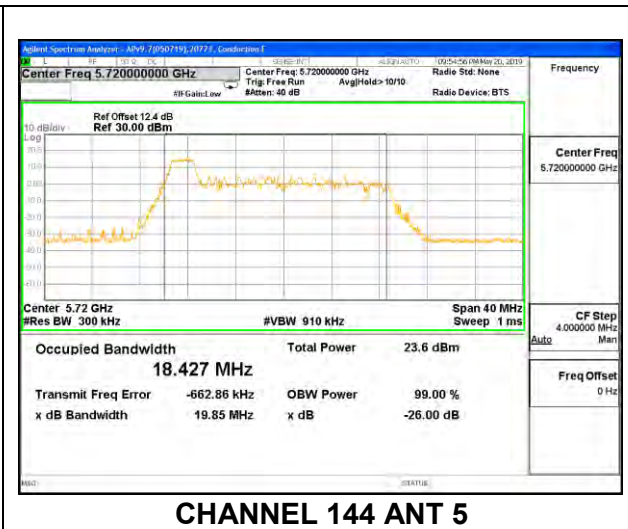
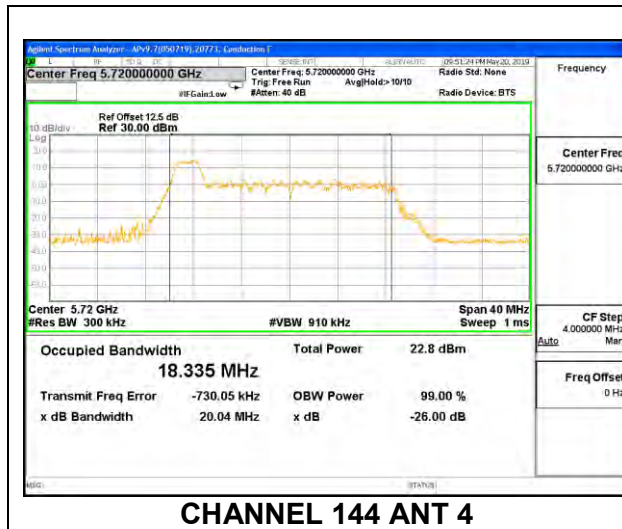
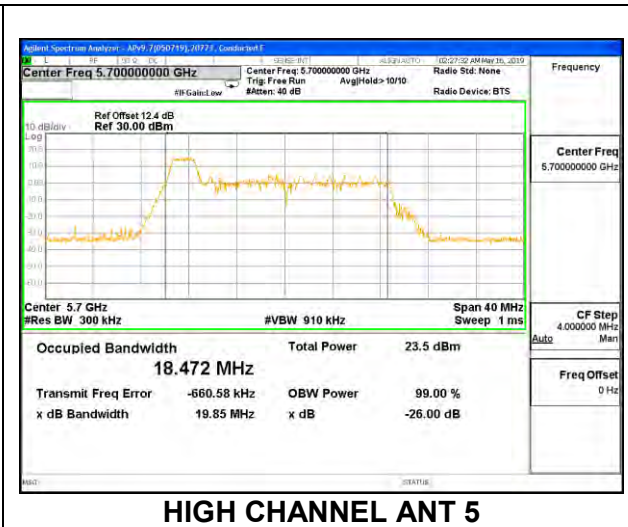
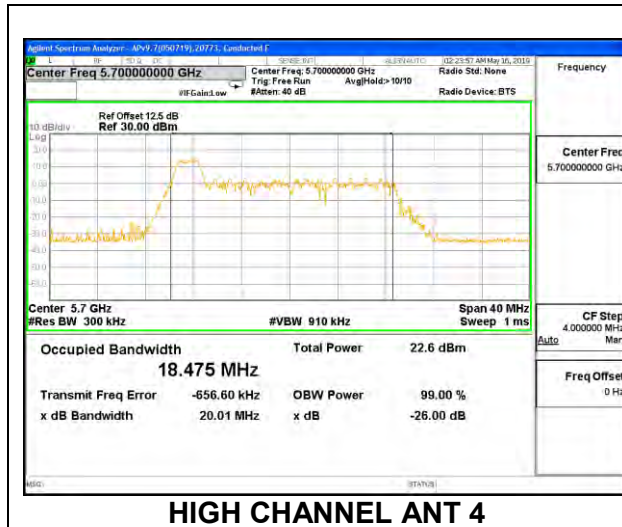
**LOW CHANNEL ANT 4****LOW CHANNEL ANT 5****MID CHANNEL ANT 4****MID CHANNEL ANT 5**



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

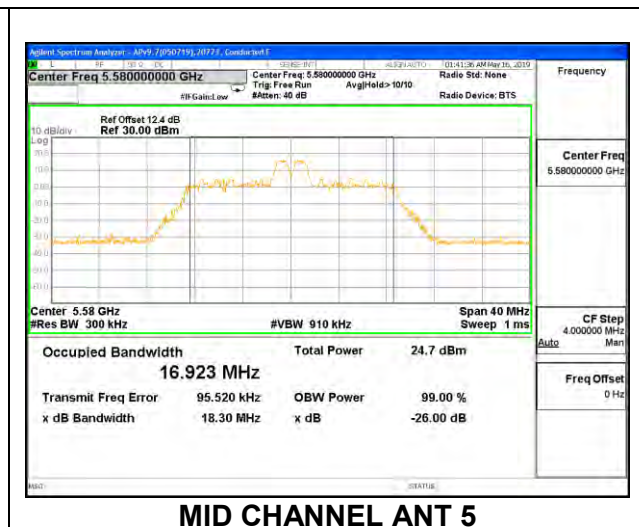
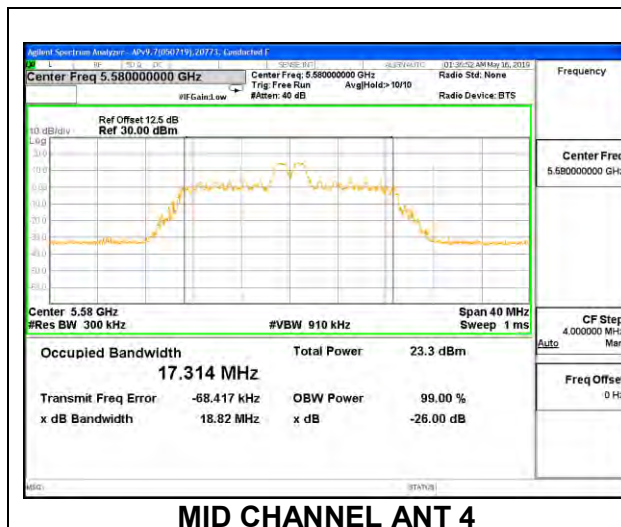
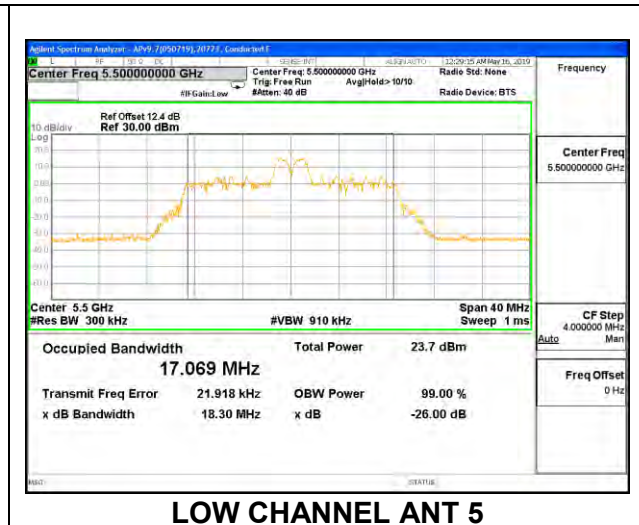
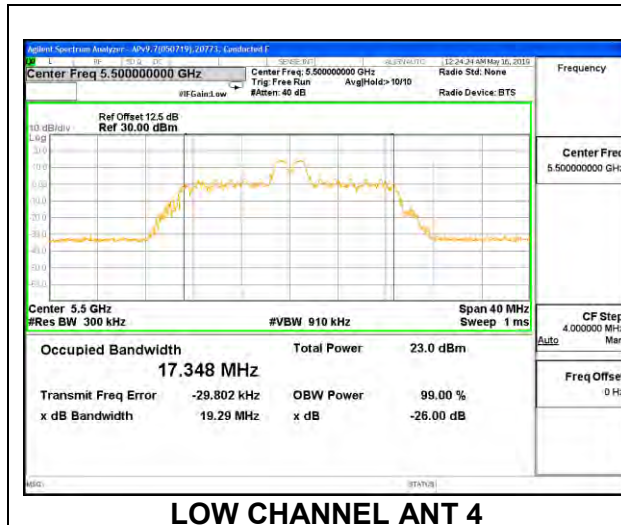
Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5500	18.4610	18.4250
Mid	5580	18.4730	18.4030
High	5700	18.4750	18.4720
144	5720	18.3350	18.4270

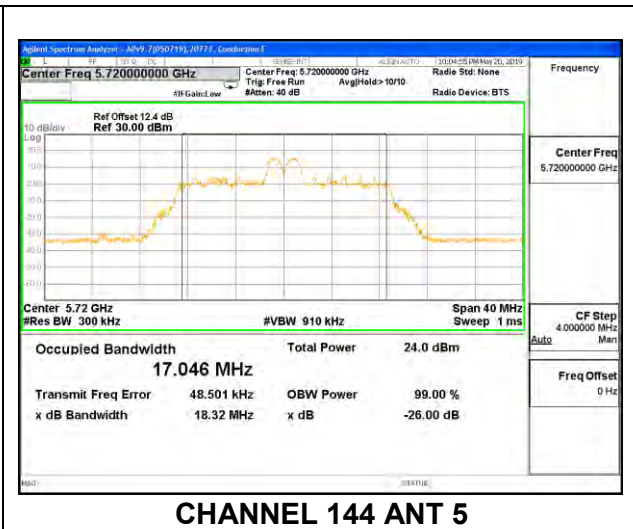
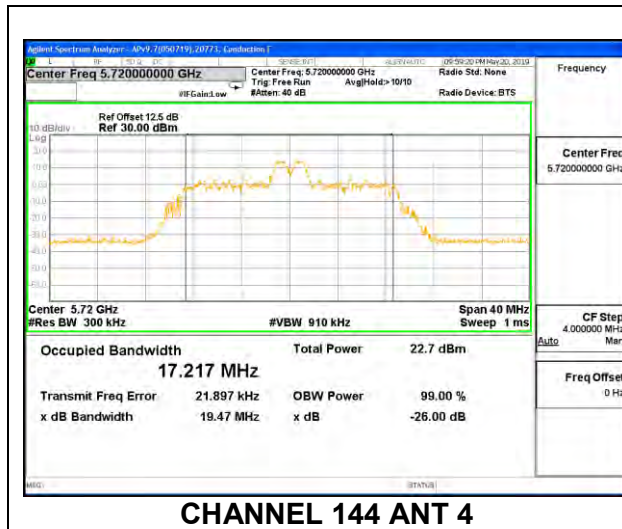
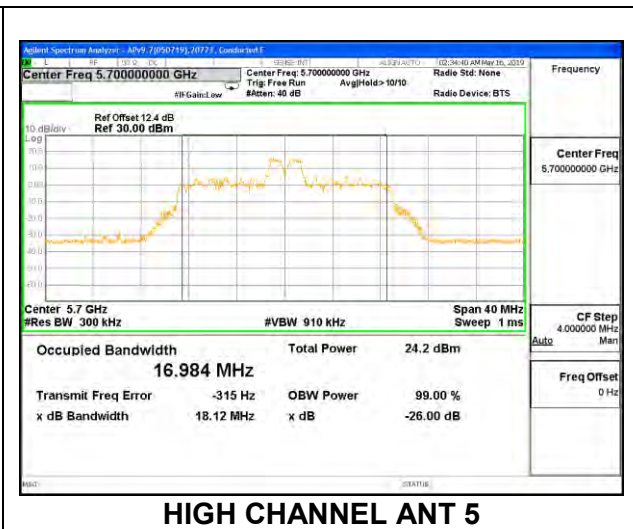
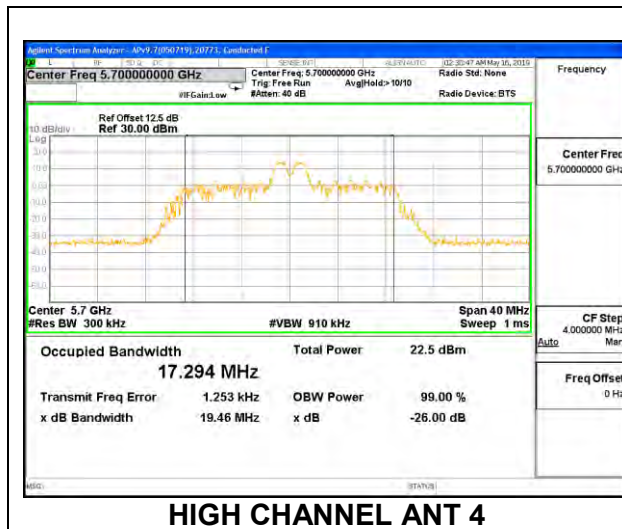
**LOW CHANNEL ANT 4****LOW CHANNEL ANT 5****MID CHANNEL ANT 4****MID CHANNEL ANT 5**



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

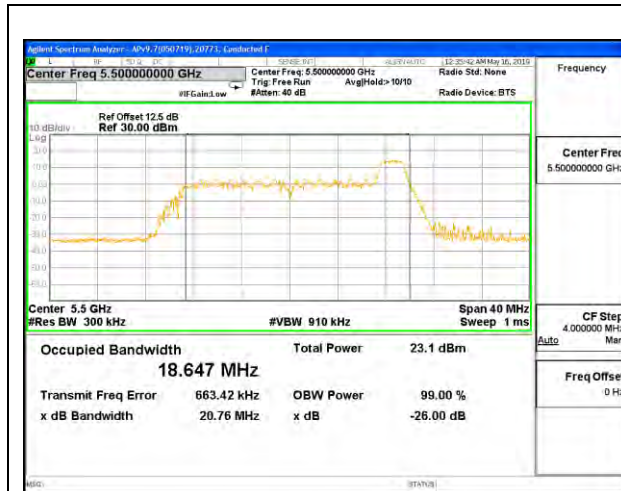
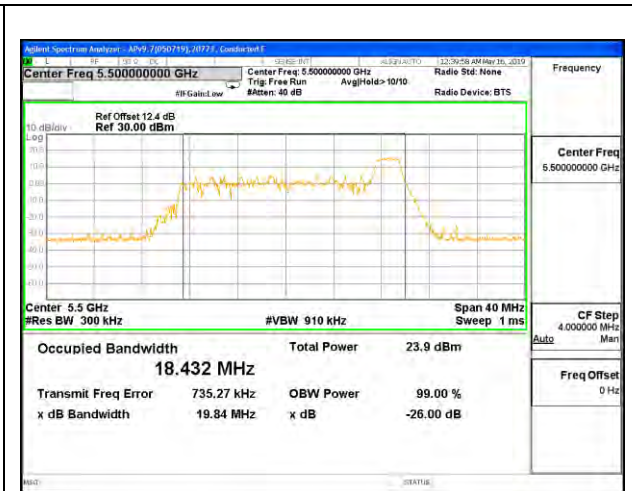
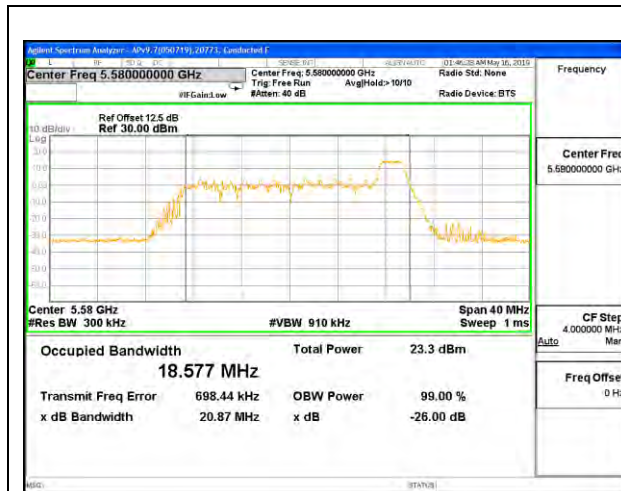
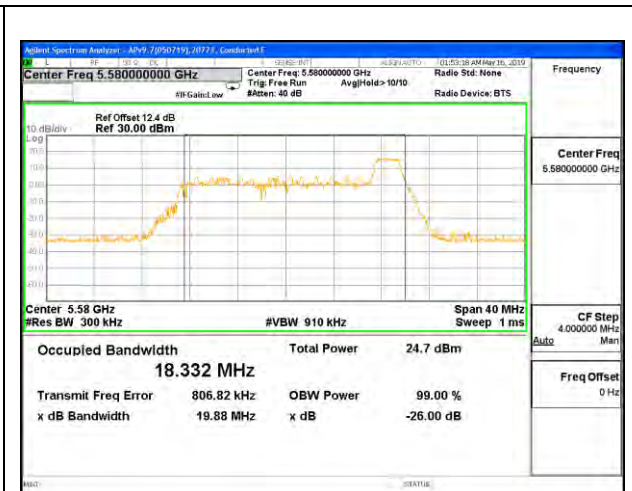
Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5500	17.3480	17.0690
Mid	5580	17.3140	16.9230
High	5700	17.2940	16.9840
144	5720	17.2170	17.0460

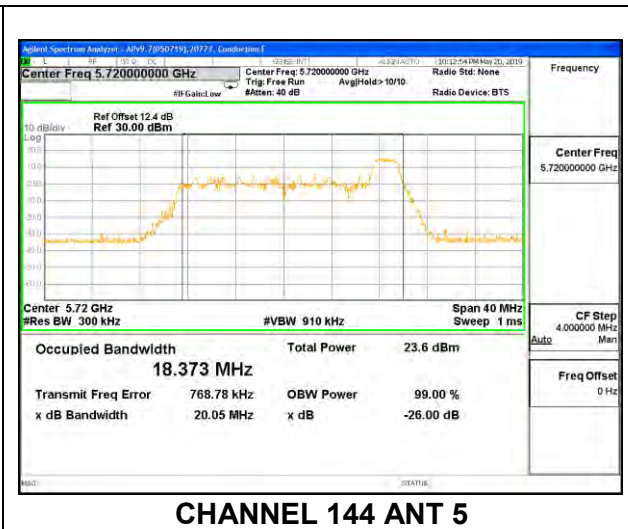
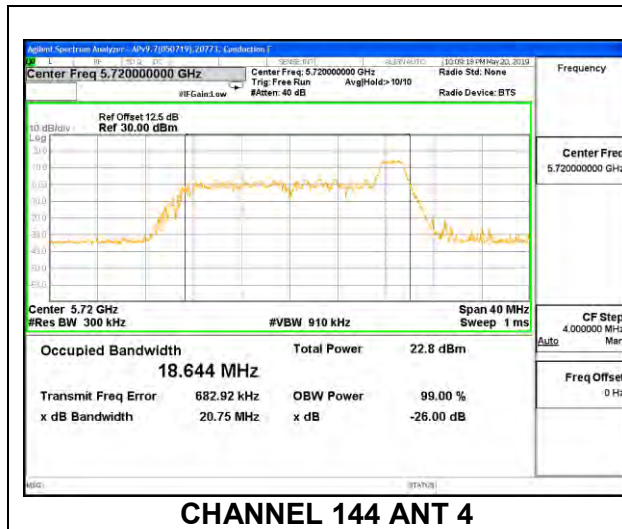
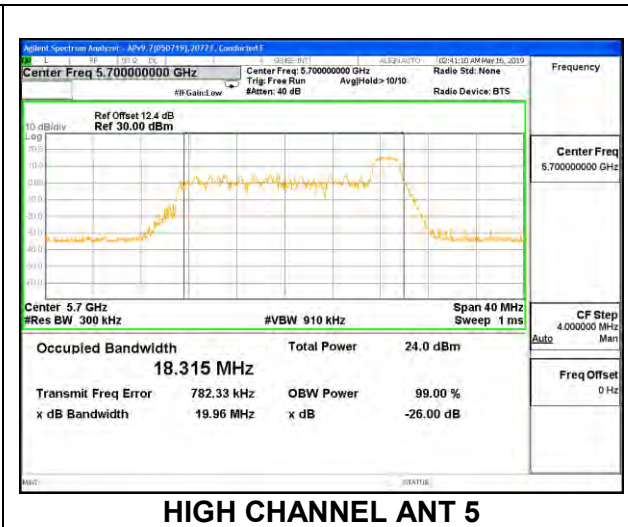
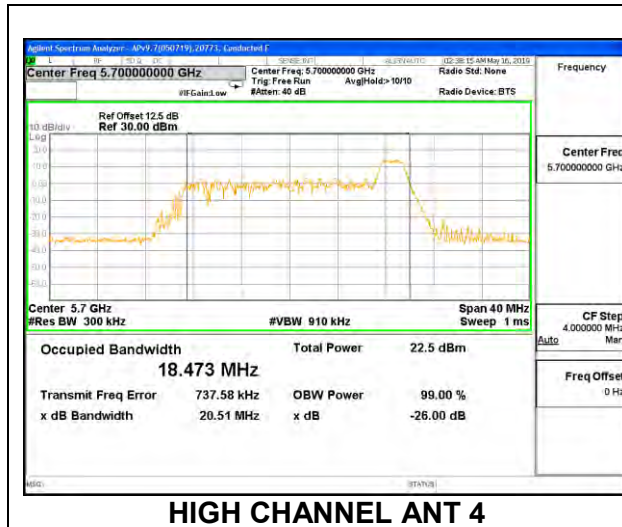




2TX Antenna 4 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 8

Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5500	18.6470	18.4320
Mid	5580	18.5770	18.3320
High	5700	18.4730	18.3150
144	5720	18.6440	18.3730

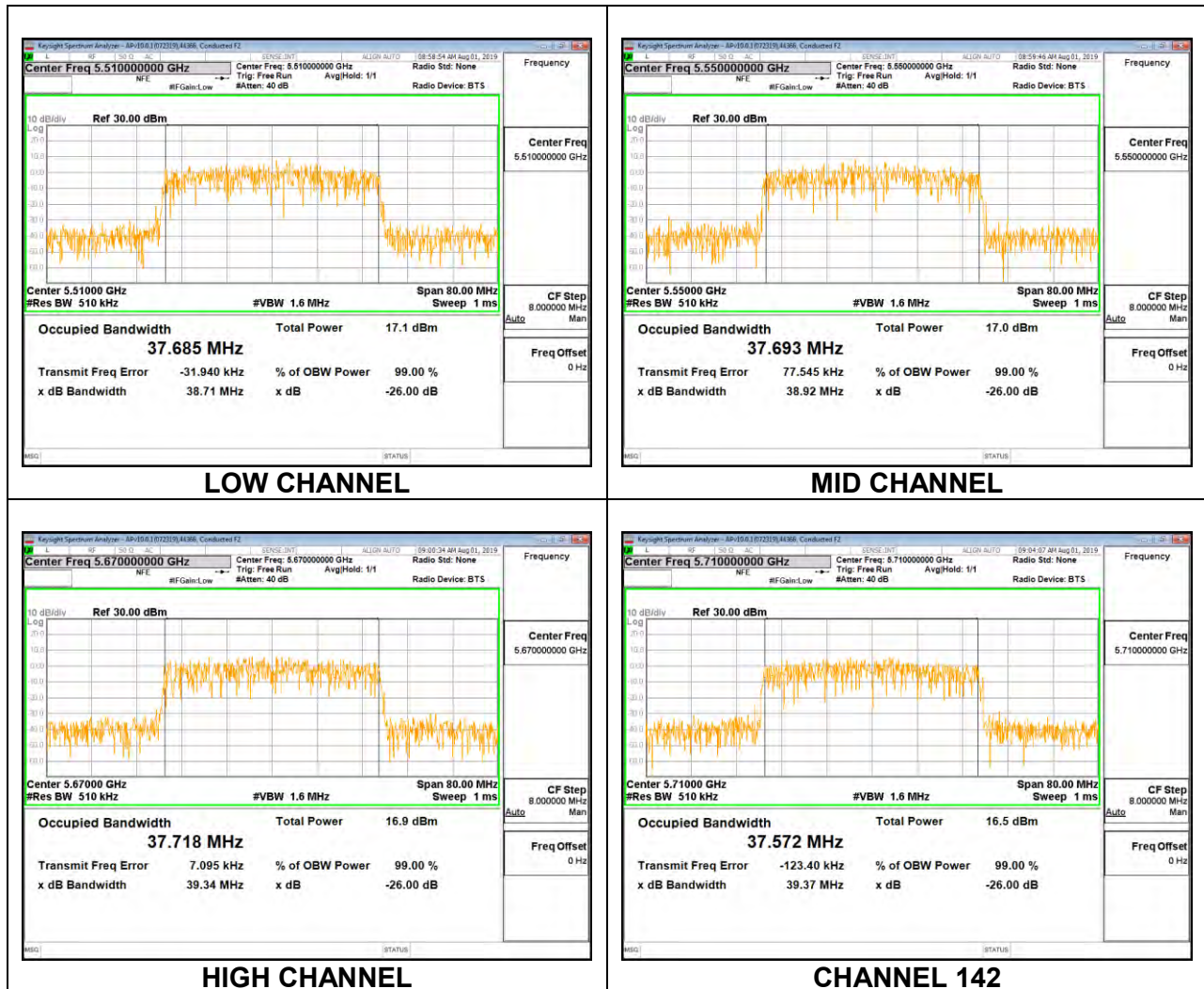
**LOW CHANNEL ANT 4****LOW CHANNEL ANT 5****MID CHANNEL ANT 4****MID CHANNEL ANT 5**



8.3.17. 802.11ax HE40 MODE IN THE 5.6 GHz BAND

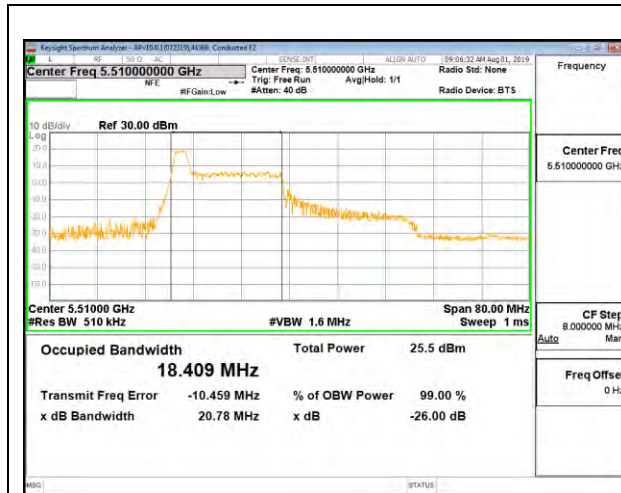
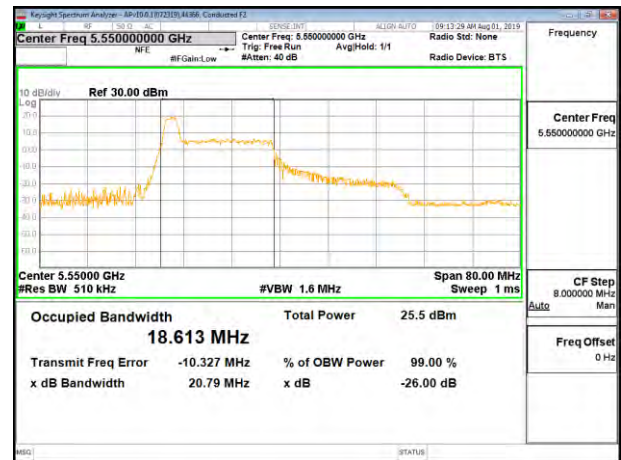
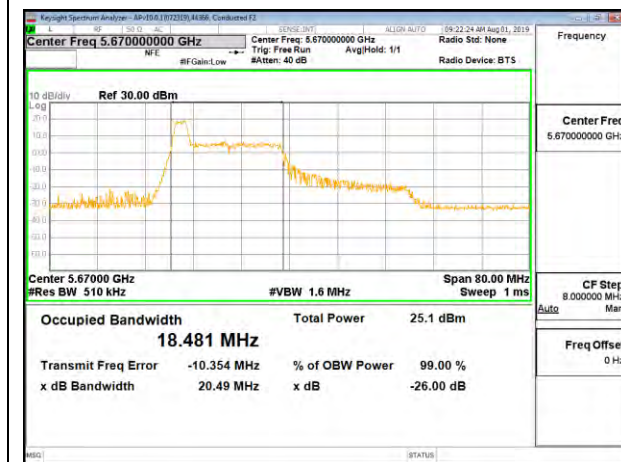
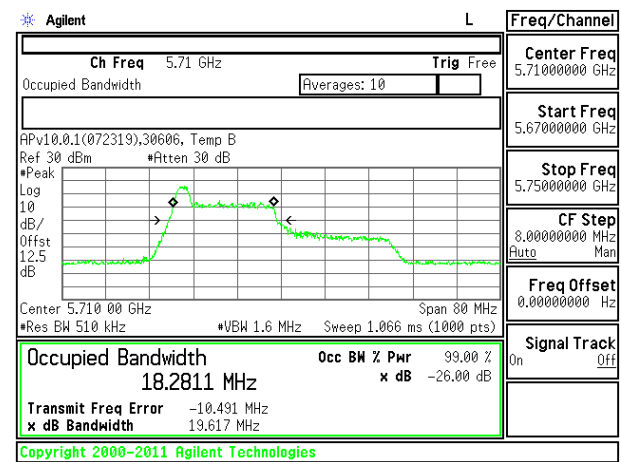
1TX Antenna 4 MODE – 484 Tones, RU Index 65

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5510	37.6850
Mid	5550	37.6930
High	5670	37.7180
142	5710	37.5720



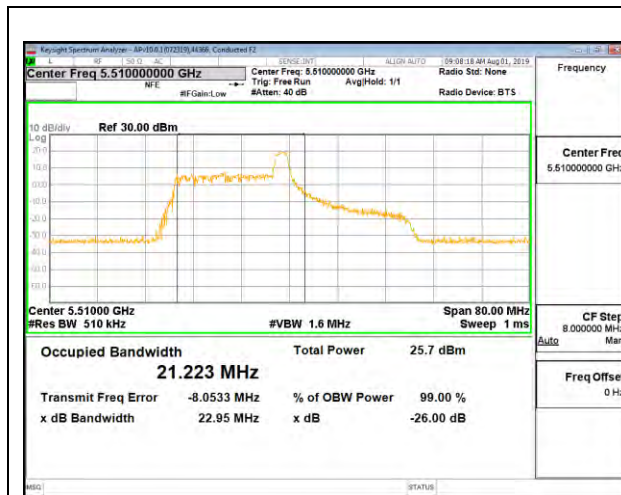
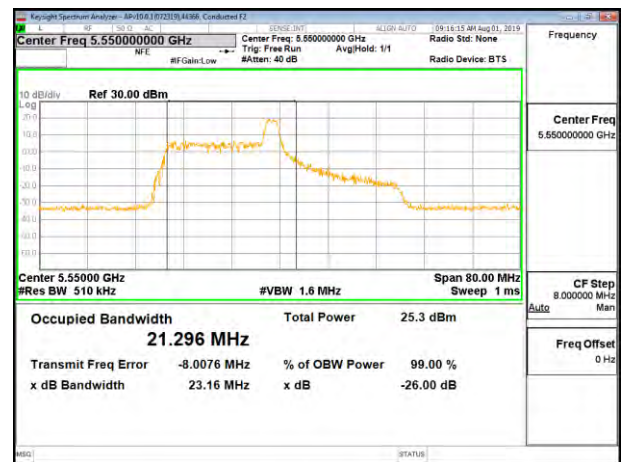
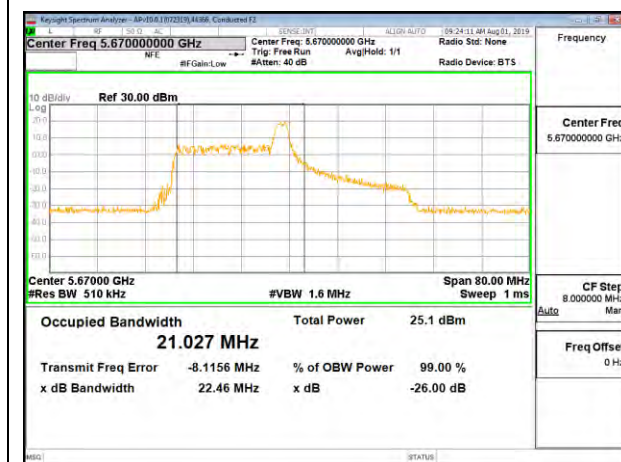
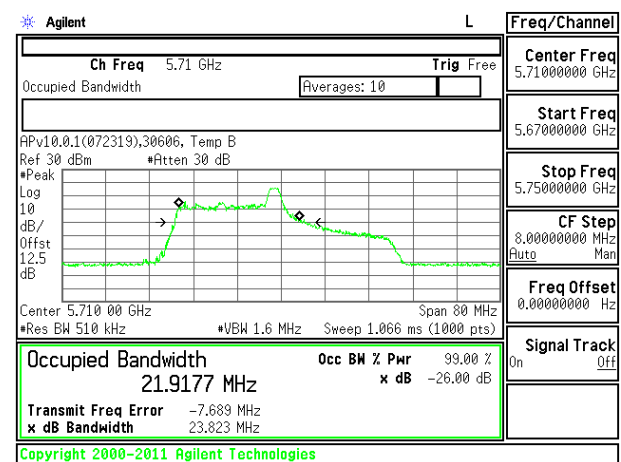
1TX Antenna 4 MODE – 26 Tones, RU Index 0

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5510	18.4090
Mid	5550	18.6130
High	5670	18.4810
142	5710	18.2811

**LOW CHANNEL****MID CHANNEL****HIGH CHANNEL****CHANNEL 142**

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

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5510	21.2330
Mid	5550	21.2960
High	5670	21.0270
142	5710	21.9177

**LOW CHANNEL****MID CHANNEL****HIGH CHANNEL****CHANNEL 142**